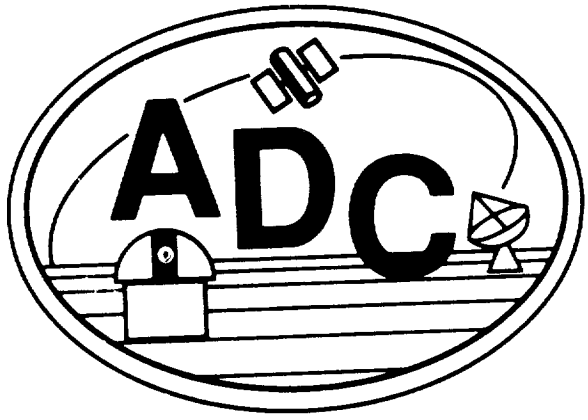
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1993

Bonner Durchmusterung (Southern Durchmusterung)

Volume III

Compiled by
Astronomical Data Center,
National Space Science Data Center
Goddard Space Flight Center
Greenbelt, Maryland



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National Aeronautics and Space Administration
Office of Management
Scientific and Technical Information Program

1 Introduction

The *Southern Durchmusterung* (SD, Schönfeld 1886, Becker 1949, Schmidt 1967) is a visual survey of stars in the declination zones $-02°$ to $-23°$, complete on extension to Argelander's (1859-62) monumental *Bonner Durchmusterung* (BD). Schönfeld's survey was carried out using the same methods as had been used for the BD. The procedure consisted of allowing the telescope to drift along the mean declination of each zone and recording the positions and magnitudes of stars crossing the transit line of each field. The goal of the survey was to extend the BD to declination $-23°$ (a plan originally adopted by Argelander) with approximately the same magnitude limits, although the primary instrument was of larger aperture (158 mm) than the 78-mm telescope used for the BD. Thus, whereas the BD magnitude estimates extend to 9.4 mag with all fainter stars assigned a magnitude of 9.5, the SD magnitude estimates extend to 9.9 mag with all fainter stars assigned a magnitude of 10. The SD contains a number of stars fainter than 10.0 mag and even some as faint as 11 mag.

Lists of all corrections made to the original data as a result of published corrigenda, stars deleted according to overstriking in the printed catalogs or their inclusion in lists of "missing" stars, and stars inserted in later editions are given in Section 3. Not all corrections or changes have been incorporated into the original data, *e.g.*, from more modern positions and magnitudes or from comparison with other catalogs. For more details on the circumstances of how the observations were made and for additional statistics of star counts and discrepancies within each zone, the source references should be consulted. The reader can also find additional information on the compilation and scale of the SD, published in English in papers by Pickering (1885, see pages 361 and 478; 1892; 1913).

2 Source References

Becker, F. 1949, *Bonner Durchmusterung*, Südlicher Teil, Deklinationszonen von $-2°$ bis $-22°$ Sternverzeichnis, zweite, berichtigte Auflage (Bonn: Ferd. Dümmlers Verlag).

Schmidt, H. 1967, *Bonner Durchmusterung*, Südlicher Teil, Deklinationszonen von $-2°$ bis $-22°$ Sternverzeichnis, dritte Auflage (Bonn: Ferd. Dümmlers Verlag).

Schönfeld, E. 1886, *Bonner Sternverzeichniss*, vierte Sektion *Astronomische Beobachtungen auf der Sternwarte der Königlichen Rheinischen Friedrich Wilhelms-Universität zu Bonn* **8**, Part IV (Bonn: Adolph Marcus).

3 Structure

As in the original volume, the positions are for the 1855 equinox. Each page is headed by two entries which provide the DM number and the right ascension for the first and last entries on the page, respectively.

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All lower case letters represent supplemental (footnoted) stars added to the catalog via published corrigenda. Upper case letters and asterisks are flags that indicate changes to the original data or to the status of a star in the catalog. They have the following meanings:

* Data have been corrected as a result of corrigenda, or there are special notes associated with the star. All changes are given in Section 5 , with appropriate notes.

D The star has been deleted in a later edition of the catalog. This was done by overstriking entries with horizontal lines.

M The star was noted as "missing" in a list published by Pickering (1907). This entry (there is only one such star) was verified by R. A. Downes and at the ADC.

Magnitude codes denote non-numerical entries in the published catalogs. The following codes are used in the Durchmusterung catalogs; not all are used in this volume.

20.0 *neb* (denoting a nebula);

30.0 *var* (denoting variability);

40.0 *nova* or *nova?*;

50.0 *cum* (denoting the total, integrated magnitude estimate for a cluster of stars).

4 Preparation of the Machine-readable Version

The data in the machine-readable *Southern Durchmusterung* were keyed directly to disk storage from the published catalogs at the Centre de Données Astronomiques de Strasbourg and at the Astronomical Data Center of the National Space Science Data Center at the NASA Goddard Space Flight Center. The distribution of SD work is given in Table 1.

Zones	Location
$-01°$	Astronomical Data Center/NSSDC
$-02°$ to $-21°$	Centre de Données Astronomiques de Strasbourg (CDS)
$-22°$ to $-23°$	Astronomical Data Center/NSSDC

Table 1: Distribution of Computerization Work for SD Data

Most of the data entry work was done at the CDS, where the data were also verified. The ADC zones $-01°$ and $-23°$, although not often used for stellar designations (the BD is used in zone $-01°$ and the *Córdoba Durchmusterung* in zone $-23°$), were added for completeness. The three ADC zones were computerized and proofread by Wayne Warren Jr. All zones were carefully examined, checked for sequencing and record counts, reformatted, and merged in the correct order at the ADC, where the final catalog was assembled. The published corrigenda lists were cross checked against the reprinted editions (1949, 1967) of the catalog. The final

catalog was run through a verification program that checked numerical sequencing of the SD numbers, monotonic increase in right ascension, and allowed data ranges. All cases where stars are out of RA order were checked in the original data to verify that their positions are as in the original catalog or the corrigenda.

As mentioned previously, all changes made to SD data and known to the authors of the machine-readable version have been incorporated. Unlike the *Bonner Durchmusterung*, where there had been numerous stars added and deleted, changes in supplemental entries from version to version, and a large number of data corrections, the changes to the SD are relatively few. There were two stars added as supplementary entries ("a" suffix), two stars deleted, and one star published as "missing" by Pickering (1907) and subsequently verifed by R. A. Downes of Applied Research Corporation. A small list of corrections was also included in the introduction to the original published catalog. These modifications to the printed catalog are flagged.

Users should note that all stars are not strictly in right ascension order within each zone. This is because individual stars are occasionally out of RA order in the original catalog and because of corrections inserted from the corrigenda.

5 Changes to Catalog Data

Star	Datum	For	Read	Remarks
−06 5412	declination	28.8	28.3	
−07 5419	declination	43.0	53.0	
−09 553a				Added by Küstner (1918).
−09 743	declination	45.2	54.2	
−09 4403	vis. mag.	8.9	9.3	
−10 4102a				Added by Küstner (1918).
−12 404	declination	12.6	42.6	Sticker (1935).
−14 133	declination	32.1	33.1	
−14 5658	declination	46.1	45.1	
−15 1427	declination	26.9	25.9	
−15 4676				"Missing" star (Pickering 1907) flagged with "M".
−16 4872	declination	50.4	54.0	
−18 4706	declination	52.8	53.2	
−19 270	declination	38.9	34.5	
−19 6001	right ascension- sec	32.0	34.4	
−20 475	declination	2.0	6.9	
−20 477	declination	54.2	58.6	
−20 1041				Deleted by Küstner (1918).

Star	Datum	For	Read	Remarks
−20 1697	right ascension- sec	23.6	26.4	
−20 1697	declination	28.3	28.0	
−20 2161	declination	28.4	23.8	
−20 3648	right ascension- sec	39.0	46.2	
−20 3950	right ascension- sec	48.5	45.3	Puts out of order with 3949.
−20 4293a				Deleted by Küstner (1925).
−20 5349	right ascension- sec	11.3	9.6	
−20 5671	right ascension- sec	26.4	27.2	
−21 957	vis. mag.	8.9	8.8	
−22 3885	right ascension- sec	14.1	11.3	
−22 5735	right ascension- sec	45.5	55.5	

6 Acknowledgments and References

6.1 Acknowledgments

Thanks are due to M. J. Wagner, M. Maslo, and R. Bonnet, who keyed the SD data to disk at the CDS using preprocessing software written and implemented by F. Ochsenbein, and to Dr. R. A. Downes for bringing the cases of "missing" BD and SD stars to Dr. Warren's attention. Dr. Wayne Warren Jr., who was responsible for the overall compilation, is grateful for the support of the CDS director, Dr. C. Jaschek, during the course of the work on the machine-readable version of the catalog. Dr. Warren prepared the document for the machine-readable version from which Nancy G. Roman derived this introduction. She also prepared the catalog for printing.

6.2 References

Argelander, F. W. A. 1859-1862, *Bonner Sternverzeichniss*, erste bis dritte Sektion, *Astronomischen Beobachtungen auf der Sternwarte der Königlichen Rhein.*, Friedrich-Wilhelms-Universität zu Bonn, Bände **3-5**.

Becker, F. 1949, *Bonner Durchmusterung*, Südlicher Teil, Deklinations-Zonen −2° bis −22° Sternverzeichnis, zweite, berichtigte Auflage (Bonn: Ferd. Dümmlers Verlag).

Chandler, S. C. 1896, *Astron. J.* **16**, 145.

Couteau, P., Fulconis, M., Ochsenbein, F., Wagner, M. J., and Maslo, W. 1983, *Inf. Bull. CDS* No. 25, p. 83.

Küstner, F. 1918, *Astron. Nach.* **206**, 69 (Nr. 4929).

Küstner, F. 1925, *Astron. Nach.* **223**, 309 (Nr. 5347).

Pickering, E. C. 1885, *Harv. Ann.* **14**.

Pickering, E. C. 1892, *Harv. Ann.* **23**.

Pickering, E. C. 1907, *Astron. Nach.* **175**, 139.

Pickering, E. C. 1913, *Harv. Ann.* **72**.

Schmidt, H. 1967, *Bonner Durchmusterung*, Südlicher Teil, Deklinations-Zonen $-2°$ bis $-22°$ Sternverzeichnis, dritte Auflage (Bonn: Ferd. Dümmlers Verlag).

Schönfeld, E. 1886, *Bonner Sternverzeichniss*, vierte Sektion, *Astronomische Beobachtungen auf der Sternwarte der Königlichen Rheinischen Friedrich-Wilhelms-Universität zu Bonn* **8**, Part IV (Bonn: Adolph Marcus).

Sticker, B. 1935, *Astron. Nach.* **256**, 341 (Nr. 6139).

Wagner, M. J. 1984, *Inf. Bull. CDS* No. 26, p. 87.

Wagner, M. J. 1986, *Inf. Bull. CDS* No. 30, p. 117.

Warren, W. H. Jr. 1987, *Inf. Bull. CDS* No. 32, p. 67.

-01 1 0h01m -01 360 11h38m

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3	9.5	00655.4	-0159.6	93	10.	43205.9	-0158.7	183	9.7	64604.7	-0159.7	273	10.	85016.5	-0156.9
4	10.	00727.5	-0156.8	94	10.	43343.9	-0156.1	184	9.5	64701.4	-0156.4	274	9.8	85128.5	-0158.8
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38	9.4	14229.2	-0156.8	128	9.2	52522.3	-0155.0	218	9.3	71815.9	-0157.7	308	7.8	93200.0	-0157.
39	8.7	14705.1	-0155.3	129	8.5	52814.6	-0157.1	219	7.1	71828.9	-0157.8	309	9.5	93248.0	-0159.2
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48	8.9	24630.3	-0155.9	138	9.0	54537.0	-0152.8	228	9.1	73606.0	-0156.8	318	9.4	93521.2	-0157.3
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52	9.3	25728.0	-0157.8	142	8.5	60001.9	-0156.6	232	8.3	74611.0	-0154.6	322	9.6	93543.2	-0157.0
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59	9.5	31417.0	-0159.2	149	8.8	60407.4	-0158.8	239	9.1	75416.6	-0158.6	329	9.5	93.0156.	-0158.0
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65	9.5	33936.3	-0153.7	155	8.5	61442.5	-0158.3	245	8.8	80215.1	-0156.	335	9.5	93.0159.	-0158.2
66	9.3	33947.3	-0154.2	156	9.5	61451.5	-0158.6	246	9.0	80230.2	-0156.	336	9.5	93.0159.	-0158.2
67	8.3	34104.5	-0158.8	157	9.8	61559.2	-0159.6	247	9.8	80509.4	-0157.5	337	9.5	93.0159.	-0158.2
68	8.8	34155.6	-0157.0	158	9.6	61602.2	-0154.6	248	9.4	80951.7	-0157.4	338	9.5	93.0159.	-0158.2
69	7.0	34157.3	-0154.1	159	9.5	61909.7	-0154.3	249	9.1	81024.9	-0157.5	339	9.5	93.0159.	-0158.2
70	7.0	34255.2	-0158.0	160	9.5	62123.8	-0155.0	250	9.5	81337.6	-0157.5	340	10.	93.0159.	-0158.2
71	9.6	34442.8	-0149.5	161	9.4	62603.0	-0157.0	251	9.5	81345.9	-0157.2	341	9.5	93.0159.	-0158.2
72	9.5	34449.5	-0136.5	162	9.2	62639.1	-0159.2	252	9.5	81509.9	-0157.4	342	9.5	93.0159.	-0158.2
73	9.2	34619.5	-0156.9	163	9.5	62713.5	-0158.3	253	8.8	81708.8	-0156.6	343	9.5	93.0159.	-0158.2
74	8.0	34922.6	-0159.8	164	8.7	62939.2	-0157.3	254	9.5	81828.2	-0156.1	344	10.	93.0159.	-0158.2
75	9.3	35332.5	-0155.2	165	9.0	63111.4	-0155.2	255	9.2	82005.4	-0156.5	345	10.	93.0159.	-0158.2
76	5.0	35411.4	-0157.3	166	9.5	63334.3	-0156.2	256	8.8	82025.9	-0157.4	346	9.5	93.0159.	-0158.2
77	9.0	35700.0	-0154.7	167	9.7	63511.1	-0159.2	257	9.7	82106.6	-0157.5	347	9.5	93.0159.	-0158.2
78	9.4	40459.7	-0159.6	168	8.9	63541.3	-0157.7	258	9.2	82321.1	-0157.	348	9.5	93.0159.	-0158.2
79	8.0	40657.7	-0159.6	169	9.5	63644.6	-0157.3	259	8.0	82.59.1	-0157.	349	9.5	93.0159.	-0158.2
80	8.9	40822.7	-0156.6	170	9.8	63717.0	-0152.0	260	9.7	82013.5	-0157.2	350	10.	93.0159.	-0158.2
81	9.7	40945.6	-0152.6	171	9.6	63721.9	-0150.3	261	9.5	82436.3	-0156.	351	9.5	93.0159.	-0158.2
82	9.5	41428.7	-0154.9	172	9.3	63726.0	-0156.0	262	9.4	82504.0	-0157.1	352	9.5	93.0159.	-0158.2
83	8.9	41609.2	-0155.8	173	9.2	63732.5	-0157.2	263	10.	83151.0	-0157.	353	9.5	93.0159.	-0158.2
84	9.8	41622.2	-0158.8	174	9.0	63754.3	-0157.3	264	8.8	83514.6	-0157.	354	9.5	93.0159.	-0158.2
85	9.6	41813.2	-0155.0	175	9.3	63816.2	-0155.0	265	9.6	83845.0	-0157.	355	9.5	93.0159.	-0158.2
86	9.5	41816.3	-0159.6	176	9.1	63913.7	-0157.9	266	7.8	84101.9	-0157.	356	9.5	93.0159.	-0158.2
87	10.	41937.5	-0153.6	177	9.5	64133.4	-0154.6	267	9.0	84155.7	-0157.	357	9.5	93.0159.	-0158.2
88	9.5	41955.6	-0155.2	178	9.6	64204.5	-0159.9	268	9.8	84444.3	-0156.	358	9.5	93.0159.	-0158.2
89	9.9	42335.2	-0156.8	179	9.5	64207.4	-0159.7	269	10.	84502.7	-0157.	359	9.5	93.0159.	-0158.2
90	9.5	42728.0	-0158.8	180	9.0	64236.9	-0157.5	270	8.9	84651.0	-0157.	360	9.5	93.0159.	-0158.2

ORIGINAL PAGE IS
OF POOR QUALITY

-01 361 11h40m

-02 28 0h09m

361	9.5	114017.9	-0152.0	451	7.8	162413.0	-0156.5	541	9.9	190040.6	-0158.0	631	9.5	214645.1	-0146.0
362	9.5	114023.9	-0156.5	452	9.3	162649.6	-0159.3	542	9.2	190144.6	-0156.6	632	10.	214705.1	-0144.6
363	8.8	114211.4	-0156.6	453	8.7	162742.3	-0155.7	543	9.5	190226.4	-0156.6	633	9.7	214729.1	-0147.4
364	9.5	114235.8	-0154.8	454	9.0	162813.5	-0158.0	544	9.5	190233.0	-0155.7	634	9.6	214922.6	-0155.1
365	9.3	114323.9	-0159.0	455	9.3	164014.5	-0153.2	545	9.7	190541.6	-0158.1	635	9.8	215120.4	-0154.2
366	10.	114514.9	-0154.8	456	9.2	164344.5	-0157.8	546	9.4	190630.4	-0158.0	636	9.0	215216.1	-0146.1
367	9.1	114917.3	-0158.5	457	9.3	164502.3	-0158.9	547	9.0	190634.8	-0156.9	637	9.3	215237.1	-0146.1
368	10.	114924.1	-0156.4	458	9.5	164814.8	-0158.8	548	9.9	190700.7	-0157.5	638	9.3	215342.1	-0145.6
369	9.5	115407.9	-0158.7	459	9.2	165055.4	-0159.4	549	10.	190711.0	-0157.8	639	10.	215349.1	-0143.8
370	9.3	115419.8	-0152.9	460	9.0	165235.2	-0159.1	550	8.5	190824.0	-0159.1	640	9.5	215408.4	-0151.6
371	9.9	120158.8	-0156.9	461	9.8	165255.7	-0155.6	551	9.8	190913.7	-0153.6	641	8.2	215416.4	-0149.4
372	9.0	120810.7	-0159.9	462	9.5	165440.7	-0159.3	552	9.4	191012.6	-0157.0	642	9.5	215603.1	-0159.5
373	8.2	120918.7	-0156.4	463	9.5	165825.5	-0153.3	553	9.5	191110.8	-0155.2	643	9.3	215708.4	-0153.4
374	10.	121012.8	-0153.9	464	9.5	170003.2	-0155.4	554	8.4	191113.0	-0150.5	644	9.5	215724.3	-0152.1
375	8.8	121455.7	-0158.5	465	7.7	170111.7	-0155.0	555	9.5	191153.8	-0152.8	645	8.7	215901.2	-0159.9
376	9.5	121934.7	-0159.8	466	9.3	170928.2	-0157.4	556	9.8	191220.6	-0156.5	646	9.3	220051.4	-0156.5
377	9.1	122006.7	-0159.4	467	9.0	171315.7	-0155.0	557	8.6	191234.0	-0151.4	647	9.3	220330.1	-0155.4
378	8.8	122100.2	-0157.5	468	9.5	171446.9	-0156.4	558	8.7	191318.7	-0159.4	648	9.6	220404.1	-0157.5
379	9.3	122307.8	-0156.7	469	9.5	171828.2	-0157.5	559	9.3	191806.3	-0155.2	649	8.5	220419.9	-0157.7
380	9.3	122820.3	-0156.7	470	9.4	172017.4	-0157.0	560	9.5	191838.5	-0158.0	650	9.4	220535.6	-0158.2
381	10.	122942.3	-0154.1	471	9.6	172109.7	-0156.7	561	8.7	192302.4	-0156.4	651	9.4	220715.5	-0159.7
382	9.0	123305.3	-0159.8	472	9.8	172143.2	-0154.6	562	8.9	192429.3	-0155.4	652	9.5	221510.3	-0159.6
383	9.3	123416.3	-0153.6	473	10.	172302.7	-0156.9	563	8.9	192808.7	-0159.4	653	7.0	221706.7	-0155.2
384	8.8	123422.2	-0156.9	474	9.1	172539.5	-0158.0	564	9.0	192824.4	-0155.2	654	9.8	222009.7	-0157.8
385	9.5	123429.5	-0154.9	475	9.3	172712.7	-0159.8	565	9.4	192916.5	-0157.2	655	9.7	222031.6	-0159.7
386	8.8	123556.4	-0155.3	476	9.5	173003.7	-0158.8	566	9.8	192938.0	-0155.6	656	9.5	222129.2	-0158.4
387	9.2	123713.4	-0155.1	477	9.8	173256.2	-0159.4	567	9.1	192957.9	-0158.3	657	9.5	222647.0	-0154.7
388	9.5	124957.2	-0154.4	478	8.5	173607.7	-0155.4	568	9.7	193547.9	-0154.7	658	9.3	223005.5	-0159.6
389	9.2	125009.2	-0158.7	479	9.5	173636.5	-0157.5	569	9.2	193734.6	-0156.8	659	9.5	223102.6	-0159.3
390	9.3	125257.3	-0155.4	480	9.4	173850.2	-0157.7	570	10.	193954.8	-0155.3	660	9.4	223133.0	-0157.2
391	10.	125712.3	-0157.0	481	9.0	174032.0	-0156.6	571	9.5	194202.0	-0153.4	661	10.	223434.5	-0158.1
392	9.2	125852.8	-0159.9	482	9.4	174343.5	-0153.2	572	8.7	194207.9	-0154.7	662	8.0	223753.5	-0156.2
393	9.5	130101.7	-0154.7	483	10.	174348.7	-0153.0	573	8.9	194351.7	-0154.2	663	10.	223851.5	-0157.9
394	8.0	130102.2	-0154.2	484	9.0	175049.9	-0157.0	574	9.5	194446.6	-0157.7	664	8.0	224651.0	-0149.5
395	10.	130251.2	-0152.9	485	9.3	175314.2	-0159.1	575	9.4	194824.1	-0159.5	665	8.5	225141.7	-0157.4
396	8.7	130330.4	-0157.2	486	9.5	175557.0	-0155.5	576	9.4	194901.6	-0155.6	666	8.8	225434.8	-0159.4
397	9.5	130958.2	-0155.4	487	9.5	175640.5	-0154.8	577	9.7	195010.3	-0159.4	667	10.	225454.3	-0156.9
398	10.	131714.5	-0157.2	488	8.0	175800.1	-0157.8	578	9.4	195101.3	-0156.8	668	9.6	225612.6	-0155.0
399	10.	131847.5	-0159.0	489	9.4	180159.9	-0158.2	579	10.	195118.0	-0159.7	669	9.2	225641.0	-0155.9
400	9.7	131916.5	-0152.8	490	9.0	180358.2	-0153.3	580	9.4	195407.9	-0156.8	670	9.2	225735.6	-0159.0
401	9.1	132820.4	-0158.6	491	9.5	180439.8	-0159.5	581	9.5	195930.4	-0158.1	671	9.4	230116.9	-0158.7
402	10.	132853.5	-0155.5	492	9.4	180516.7	-0159.5	582	10.	200154.0	-0156.1	672	9.0	230412.9	-0155.1
403	9.5	134336.2	-0157.3	493	9.5	180857.7	-0157.1	583	9.5	200235.3	-0155.9	673	9.5	230422.9	-0156.0
404	10.	134809.4	-0159.4	494	8.5	180938.3	-0153.0	584	9.4	200352.1	-0154.9	674	10.	230612.9	-0158.7
405	9.3	135340.9	-0157.8	495	8.2	181100.4	-0158.1	585	9.5	200456.4	-0159.1	675	9.2	231103.9	-0158.3
406	9.5	135757.4	-0154.1	496	9.0	181219.1	-0159.9	586	9.4	200602.8	-0159.2	676	8.7	231512.2	-0156.8
407	9.5	140212.5	-0158.4	497	9.6	181632.0	-0159.6	587	9.5	200634.7	-0157.3	677	10.	231612.0	-0159.2
408	9.2	140258.2	-0159.1	498	8.0	181711.3	-0156.9	588	9.5	200723.4	-0154.8	678	9.3	231845.0	-0155.2
409	8.0	140328.7	-0159.5	499	10.	181839.5	-0154.8	589	7.0	200854.4	-0156.2	679	10.	231901.0	-0154.7
410	9.7	140410.2	-0153.4	500	8.5	182219.3	-0154.0	590	9.2	200927.1	-0155.3	680	9.5	232250.0	-0154.7
411	9.9	140750.1	-0158.1	501	8.8	182257.8	-0158.7	591	9.5	201122.4	-0156.7	681	9.0	232944.3	-0155.0
412	9.5	140854.1	-0156.7	502	9.5	182401.0	-0159.1	592	8.7	202326.5	-0157.2	682	10.	233043.1	-0158.9
413	9.4	140917.0	-0157.2	503	9.5	182429.3	-0154.2	593	8.2	202511.0	-0156.6	683	10.	233105.1	-0156.7
414	8.9	140945.4	-0158.9	504	9.5	182524.1	-0156.1	594	9.3	202558.1	-0154.5	684	9.0	233430.1	-0154.4
415	9.9	141012.0	-0159.6	505	8.9	182541.3	-0155.7	595	9.3	202822.3	-0155.0	685	9.1	233657.8	-0155.0
416	10.	141048.1	-0154.9	506	9.5	182600.4	-0155.2	596	8.8	202917.1	-0159.6	686	9.4	234012.3	-0159.1
417	9.8	141344.0	-0159.0	507	9.5	182821.4	-0157.5	597	9.3	203442.6	-0156.0	687	9.7	234325.2	-0158.0
418	9.0	142127.8	-0155.5	508	8.3	183026.7	-0156.1	598	9.1	203516.9	-0157.2	688	9.4	234502.2	-0158.4
419	9.5	142200.8	-0153.2	509	9.1	183317.5	-0158.8	599	8.7	203722.0	-0153.4	689	9.5	235032.2	-0158.4
420	9.3	142656.6	-0159.2	510	9.5	183319.8	-0152.4	600	9.4	203740.2	-0157.0	690	9.3	235102.2	-0153.5
421	9.2	143114.0	-0156.0	511	8.4	183345.1	-0158.2	601	8.7	203806.2	-0157.3	691	9.1	235416.9	-0157.2
422	9.5	144323.0	-0158.6	512	9.8	183511.4	-0158.9	602	9.5	203858.1	-0157.1	692	10.	235823.3	-0158.9
423	9.5	144501.0	-0155.9	513	9.5	183520.9	-0154.4	603	9.0	203939.5	-0152.5	1	9.3	00000.1	-0211.8
424	9.0	144621.1	-0154.3	514	9.4	183616.9	-0154.7	604	8.5	204726.6	-0154.5	2	9.5	00019.7	-0259.5
425	9.6	144909.0	-0156.4	515	9.3	183618.2	-0159.6	605	7.0	204738.6	-0155.0	3	8.9	00020.3	-0208.7
426	9.1	145730.1	-0157.9	516	8.5	183705.4	-0155.9	606	9.4	204825.6	-0153.6	4	10.	00036.3	-0224.8
427	9.5	150016.3	-0153.1	517	9.3	183902.9	-0158.4	607	8.8	204939.7	-0157.4	5	10.	00134.3	-0244.8
428	9.0	150629.3	-0152.3	518	9.5	183911.4	-0159.5	608	9.6	204959.2	-0159.9	6	10.	00145.6	-0243.5
429	9.4	150634.3	-0154.1	519	9.3	183931.6	-0159.5	609	9.7	205044.6	-0153.3	7	10.	00156.3	-0235.0
430	10.	150740.3	-0154.2	520	9.7	183946.7	-0156.0	610	9.5	205450.5	-0157.1	8	9.5	00222.0	-0258.8
431	8.9	153243.0	-0151.4	521	9.5	184307.0	-0155.6	611	9.3	210348.6	-0155.9	9	10.	00223.3	-0245.8
432	9.2	153809.5	-0154.6	522	9.1	184311.0	-0159.0	612	8.2	210403.3	-0153.6	10	8.1	00331.3	-0252.6
433	9.3	154134.6	-0156.0	523	9.3	184349.2	-0156.4	613	8.9	210447.9	-0156.0	11	10.	00334.7	-0230.5
434	9.2	154237.0	-0155.5	524	8.8	184409.1	-0155.4	614	9.5	210623.7	-0157.8	12	10.	00346.3	-0259.2
435	9.9	154258.2	-0154.0	525	6.3	184851.3	-0158.8	615	8.7	211025.4	-0159.9	13	9.5	00351.1	-0212.6
436	9.5	154320.0	-0156.4	526	9.2	185153.3	-0154.7	616	9.5	211026.9	-0158.1	14	10.	00400.6	-0251.5
437	9.2	154514.9	-0156.1	527	9.0	185313.5	-0157.5	617	9.7	211147.6	-0158.1	15	9.6	00413.0	-0257.7
438	9.8	155300.6	-0156.8	528	9.1	185353.0	-0156.3	618	9.4	211204.4	-0157.5	16	9.1	00421.8	-0235.4
439	9.7	160133.4	-0157.1	529	9.8	185449.9	-0158.7	619	9.7	211405.0	-0154.2	17	9.5	00422.3	-0222.5
440	9.0	160209.1	-0153.8	530	9.5	185510.2	-0158.9	620	9.3	212317.8	-0156.7	18	9.4	00435.1	-0222.1
441	9.8	160232.2	-0159.4	531	9.3	185536.3	-0158.3	621	9.1	212537.7	-0159.8	19	7.0	00514.0	-0202.5
442	9.5	160242.0	-0155.8	532	9.6	185544.4	-0158.1	622	9.4	212842.4	-0156.7	20	9.3	00612.5	-0248.6
443	9.8	160403.9	-0157.8	533	9.8	185634.9	-0159.1	623	9.2	213049.0	-0159.2	21	9.9	00621.5	-0212.4
444	8.3	160632.3	-0158.1	534	9.5	185701.9	-0155.3	624	9.5	213110.0	-0155.2	22	10.	00736.6	-0243.7
445	8.0	160744.3	-0157.9	535	9.3	185837.2	-0157.4	625	9.1	213338.4	-0154.3	23	9.2	00800.7	-0230.7
446	8.3	161037.3	-0155.3	536	8.0	185926.0	-0156.8	626	9.5	213356.8	-0152.3	24	10.	00823.3	-0220.8
447	8.3	161612.3	-0155.4	537	9.3	185942.8	-0154.5	627	9.7	213640.5	-0156.8	25	9.3	00901.8	-0237.4
448	9.0	161633.3	-0159.2	538	9.4	190005.0	-0157.0	628	9.5	214158.3	-0157.9	26	8.2	00911.2	-0219.3
449	8.7	162101.6	-0159.1	539	9.1	190007.6	-0157.6	629	9.4	214256.8	-0159.7	27	10.	00917.9	-0254.2
450	8.3	162315.6	-0159.0	540	10.	190033.5	-0159.7	630	8.6	214435.6	-0157.5	28	9.4	00935.7	-0255.4

29	8.3	00940.2	-0227.6	119	9.2	04554.8	-0240.4	209	10.	11656.9	-0253.7	299	8.9	14123.2	-0208.8
30	9.6	00955.8	-0235.4	120	9.2	04629.4	-0252.4	210	9.6	11729.3	-0245.0	300	9.0	14123.9	-0209.2
31	6.7	01022.8	-0240.2	121	9.6	04646.9	-0250.5	211	9.8	11750.7	-0233.5	301	9.5	14156.7	-0214.0
32	10.	01022.8	-0237.3	122	9.4	04651.1	-0235.6	212	9.4	11820.7	-0231.9	302	9.7	14205.6	-0258.2
33	9.5	01040.1	-0209.2	123	9.0	04724.9	-0220.6	213	7.7	11843.9	-0257.5	303	9.7	14206.4	-0250.3
34	7.3	01053.0	-0249.3	124	8.6	04749.3	-0217.1	214	9.5	11851.1	-0241.9	304	10.	14224.6	-0207.3
35	9.5	01104.4	-0202.9	125	9.8	04758.2	-0201.8	215	8.7	11915.8	-0227.0	305	9.1	14247.8	-0237.3
36	9.0	01207.6	-0203.9	126	9.6	04812.2	-0202.1	216	9.8	11921.5	-0254.1	306	8.2	14315.7	-0247.0
37	9.4	01228.2	-0226.6	127	9.4	04819.7	-0253.0	217	9.7	12002.7	-0236.5	307	9.5	14413.4	-0213.7
38	10.	01228.7	-0242.6	128	9.5	04853.1	-0205.2	218	9.2	12002.8	-0249.3	308	9.4	14444.7	-0231.5
39	9.3	01235.4	-0258.4	129	8.9	04957.6	-0235.6	219	10.	12003.1	-0217.0	309	8.6	14512.8	-0244.7
40	9.5	01242.4	-0248.0	130	8.9	05022.3	-0247.4	220	8.6	12034.3	-0244.4	310	8.7	14524.2	-0205.6
41	10.	01405.4	-0217.6	131	6.5	05026.5	-0232.6	221	7.4	12038.4	-0247.3	311	7.3	14544.7	-0202.0
42	9.7	01409.5	-0243.3	132	8.2	05103.2	-0226.4	222	9.2	12049.0	-0208.4	312	8.5	14547.8	-0234.3
43	9.4	01409.5	-0250.9	133	9.5	05122.1	-0207.9	223	9.4	12057.1	-0200.5	313	8.9	14551.2	-0253.7
44	9.5	01527.4	-0221.6	134	8.9	05144.7	-0252.8	224	9.8	12114.8	-0237.1	314	8.8	14623.7	-0204.0
45	9.3	01553.2	-0222.0	135	8.8	05211.2	-0206.3	225	9.5	12149.7	-0204.8	315	9.7	14629.5	-0249.0
46	9.8	01559.7	-0209.6	136	7.4	05239.2	-0247.9	226	9.6	12152.7	-0241.2	316	8.7	14708.7	-0212.4
47	9.8	01600.1	-0203.2	137	9.0	05241.9	-0218.3	227	10.	12250.8	-0230.1	317	9.0	14736.3	-0238.4
48	9.4	01649.7	-0215.7	138	9.9	05257.0	-0242.9	228	8.9	12315.2	-0232.5	318	9.5	14745.8	-0246.6
49	8.2	01653.3	-0202.8	139	9.7	05309.6	-0236.6	229	9.5	12337.8	-0244.3	319	9.8	14808.2	-0246.3
50	9.8	01707.9	-0243.5	140	7.4	05317.5	-0226.1	230	9.5	12408.5	-0217.7	320	9.4	14819.8	-0259.1
51	9.8	01712.5	-0219.7	141	9.7	05322.1	-0213.8	231	9.3	12410.1	-0220.0	321	9.5	14843.7	-0217.8
52	9.8	01720.9	-0221.1	142	9.3	05333.8	-0221.5	232	9.6	12414.0	-0212.6	322	9.7	14852.3	-0211.9
53	9.0	01748.9	-0238.0	143	8.8	05334.4	-0221.4	233	9.5	12424.1	-0226.6	323	10.	14910.6	-0250.7
54	9.8	01815.5	-0210.1	144	8.9	05344.6	-0229.6	234	9.1	12514.1	-0246.9	324	9.8	14939.9	-0259.0
55	9.3	01829.6	-0216.6	145	9.7	05359.3	-0243.5	235	9.4	12518.7	-0223.7	325	8.5	14949.8	-0225.4
56	9.5	01906.2	-0226.9	146	9.8	05446.9	-0255.4	236	9.0	12520.2	-0223.9	326	9.3	15004.4	-0236.5
57	8.5	02029.8	-0229.0	147	10.	05455.8	-0213.3	237	9.4	12543.7	-0208.7	327	9.5	15006.2	-0231.0
58	9.8	02052.2	-0257.5	148	8.8	05502.2	-0250.5	238	8.8	12545.3	-0232.2	328	8.8	15015.9	-0250.9
59	9.3	02134.2	-0220.6	149	9.7	05527.1	-0229.9	239	9.5	12558.3	-0237.5	329	9.0	15034.3	-0248.8
60	10.	02141.0	-0225.5	150	9.7	05535.5	-0253.1	240	9.3	12558.9	-0248.6	330	6.7	15037.2	-0246.0
61	10.	02151.2	-0235.5	151	10.	05538.7	-0255.0	241	10.	12559.5	-0244.8	331	8.4	15103.9	-0248.9
62	10.	02151.5	-0244.8	152	9.1	05549.4	-0248.1	242	8.3	12614.8	-0236.7	332	9.8	15132.2	-0250.5
63	9.4	02236.0	-0205.8	153	9.2	05555.2	-0259.7	243	8.9	12626.0	-0222.6	333	8.8	15145.8	-0212.6
64	10.	02238.1	-0207.3	154	8.7	05601.4	-0216.1	244	9.5	12631.2	-0231.6	334	9.5	15205.9	-0241.5
65	9.5	02246.6	-0218.7	155	9.0	05632.4	-0240.3	245	8.4	12634.2	-0254.5	335	10.	15216.0	-0251.6
66	10.	02305.9	-0234.4	156	9.4	05645.2	-0230.7	246	9.6	12637.6	-0250.5	336	9.4	15254.0	-0221.7
67	9.0	02359.1	-0249.3	157	9.4	05653.8	-0251.2	247	9.1	12638.3	-0225.9	337	9.4	15254.1	-0216.1
68	9.2	02412.1	-0250.6	158	10.	05807.5	-0219.6	248	9.5	12638.5	-0213.7	338	9.0	15255.3	-0220.0
69	7.3	02415.3	-0235.4	159	9.0	05840.6	-0215.3	249	9.5	12657.7	-0246.6	339	9.3	15333.8	-0234.2
70	8.8	02435.4	-0202.2	160	6.8	05945.4	-0230.2	250	7.5	12724.8	-0246.4	340	9.0	15338.8	-0221.3
71	9.2	02505.7	-0224.9	161	9.0	10001.1	-0216.8	251	8.9	12728.1	-0251.2	341	9.2	15358.3	-0221.5
72	9.8	02533.1	-0214.9	162	9.5	10025.8	-0243.2	252	9.8	12753.8	-0232.5	342	10.	15412.9	-0204.7
73	9.6	02559.6	-0217.8	163	9.8	10034.7	-0206.8	253	8.6	12828.4	-0208.7	343	10.	15416.6	-0251.9
74	9.3	02606.2	-0202.2	164	9.2	10045.9	-0208.0	254	9.3	12949.0	-0258.0	344	9.1	15508.3	-0246.5
75	8.5	02731.0	-0206.4	165	9.2	10049.1	-0211.2	255	8.7	13000.9	-0255.7	345	8.3	15517.5	-0219.7
76	8.9	02806.3	-0252.1	166	10.	10101.6	-0224.6	256	10.	13015.0	-0239.4	346	9.0	15531.6	-0227.1
77	9.4	02817.7	-0220.7	167	8.0	10108.8	-0250.4	257	9.5	13022.2	-0201.7	347	9.0	15532.1	-0234.9
78	9.7	02917.9	-0242.6	168	10.	10128.6	-0256.8	258	9.5	13027.7	-0213.8	348	9.2	15620.7	-0255.2
79	9.5	02936.1	-0200.3	169	9.9	10209.0	-0231.5	259	8.5	13028.0	-0202.6	349	10.	15628.2	-0245.9
80	10.	03025.7	-0247.0	170	9.0	10214.5	-0232.2	260	8.8	13050.3	-0230.1	350	10.	15628.5	-0242.5
81	8.9	03047.9	-0230.6	171	9.3	10215.6	-0238.5	261	9.8	13051.2	-0227.5	351	8.7	15636.9	-0245.0
82	10.	03103.7	-0252.4	172	9.5	10232.4	-0258.9	262	9.5	13109.6	-0235.9	352	9.4	15645.3	-0206.0
83	9.2	03147.6	-0218.9	173	9.6	10241.1	-0200.4	263	9.3	13134.8	-0240.7	353	9.3	15648.8	-0222.5
84	8.2	03154.3	-0245.8	174	8.5	10242.2	-0222.0	264	9.5	13145.8	-0229.9	354	9.1	15712.0	-0247.0
85	9.6	03201.9	-0250.0	175	8.0	10349.1	-0202.8	265	9.2	13149.8	-0219.0	355	9.7	15716.8	-0246.3
86	9.2	03239.4	-0234.4	176	8.5	10351.3	-0245.7	266	9.5	13152.6	-0203.1	356	9.0	15742.3	-0240.5
87	8.3	03308.0	-0233.9	177	9.9	10418.1	-0218.0	267	10.	13235.5	-0247.2	357	8.3	15742.6	-0244.4
88	9.9	03311.0	-0259.6	178	9.7	10528.7	-0239.0	268	9.6	13245.7	-0211.5	358	9.4	15751.9	-0231.8
89	9.4	03318.0	-0238.6	179	9.5	10536.9	-0214.8	269	9.5	13251.2	-0201.5	359	9.5	15854.9	-0224.4
90	9.8	03328.5	-0202.4	180	9.4	10556.7	-0229.4	270	8.3	13303.8	-0220.0	360	8.4	15906.1	-0255.7
91	8.6	03346.2	-0218.5	181	8.9	10557.8	-0237.8	271	9.1	13329.7	-0208.4	361	8.8	15926.9	-0237.4
92	9.8	03349.6	-0257.6	182	9.4	10618.7	-0200.2	272	9.4	13345.8	-0230.7	362	7.9	15934.4	-0230.8
93	8.6	03408.5	-0205.3	183	9.7	10622.5	-0250.1	273	9.5	13350.3	-0211.5	363	9.5	15941.5	-0216.3
94	9.2	03443.0	-0200.4	184	8.3	10641.6	-0253.0	274	9.7	13402.1	-0215.5	364	9.1	15954.7	-0249.9
95	9.6	03511.7	-0247.7	185	8.8	10651.3	-0257.3	275	9.1	13412.9	-0247.5	365	9.4	20031.7	-0258.8
96	10.	03611.9	-0229.5	186	9.5	10704.7	-0228.4	276	9.4	13434.8	-0208.7	366	9.1	20039.4	-0259.2
97	10.	03614.7	-0217.0	187	9.5	10705.9	-0211.7	277	9.1	13441.8	-0232.5	367	9.5	20041.1	-0206.3
98	9.4	03628.7	-0216.7	188	9.9	10803.0	-0202.9	278	7.7	13502.5	-0253.8	368	10.	20051.0	-0247.4
99	9.9	03704.5	-0202.4	189	9.4	10825.5	-0245.5	279	9.4	13508.2	-0240.0	369	9.3	20056.3	-0224.5
100	9.1	03736.0	-0255.6	190	10.	10910.8	-0251.4	280	9.5	13603.8	-0231.7	370	9.3	20148.9	-0239.2
101	9.5	03736.3	-0203.1	191	9.4	10914.1	-0224.4	281	9.5	13617.0	-0208.8	371	9.4	20208.0	-0223.2
102	9.5	03746.8	-0220.9	192	8.5	10916.5	-0201.8	282	9.5	13617.9	-0242.5	372	9.3	20213.3	-0201.2
103	10.	03800.2	-0213.4	193	9.5	10927.1	-0247.3	283	9.8	13621.7	-0254.8	373	8.9	20339.0	-0226.3
104	8.9	03905.7	-0217.8	194	9.2	11003.2	-0227.7	284	9.7	13652.6	-0238.0	374	8.9	20359.9	-0215.5
105	9.0	03914.0	-0254.7	195	9.6	11211.9	-0255.0	285	9.3	13712.9	-0237.8	375	6.3	20414.4	-0230.5
106	8.5	03936.0	-0202.7	196	9.6	11249.7	-0223.2	286	9.5	13756.9	-0221.1	376	9.5	20416.6	-0217.1
107	10.	03949.3	-0256.0	197	9.4	11327.6	-0214.6	287	9.7	13800.9	-0248.3	377	8.6	20417.4	-0242.4
108	9.5	04028.3	-0214.0	198	7.3	11328.7	-0204.3	288	9.0	13809.6	-0258.0	378	9.1	20420.4	-0223.5
109	9.1	04030.4	-0223.4	199	9.5	11333.8	-0227.2	289	9.4	13819.8	-0252.2	379	7.9	20520.4	-0254.4
110	8.8	04112.0	-0233.3	200	8.2	11424.7	-0245.6	290	9.9	13822.7	-0247.0	380	9.7	20557.6	-0242.3
111	8.5	04153.4	-0224.5	201	10.	11434.4	-0202.5	291	7.8	13827.6	-0239.3	381	9.2	20615.3	-0210.1
112	8.4	04322.9	-0242.4	202	9.5	11440.2	-0235.2	292	9.2	13846.2	-0212.1	382	9.6	20642.2	-0255.2
113	9.2	04359.3	-0210.8	203	9.0	11448.2	-0240.0	293	9.3	13846.4	-0207.2	383	10.	20657.7	-0244.9
114	9.1	04404.1	-0204.2	204	9.5	11448.7	-0220.2	294	10.	13921.1	-0256.2	384	9.2	20715.4	-0251.2
115	9.5	04417.6	-0247.5	205	9.7	11531.8	-0255.7	295	9.6	14029.2	-0238.1	385	10.	20744.8	-0250.1
116	9.3	04432.3	-0208.0	206	9.5	11611.7	-0223.9	296	9.3	14041.7	-0232.6	386	8.5	20805.1	-0236.4
117	9.1	04438.0	-0253.4	207	9.5	11654.1	-0212.3	297	9.7	14115.6	-0257.6	387	9.3	20806.4	-0241.2
118	8.4	04527.4	-0241.1	208	9.2	11656.2	-0229.8	298	8.3	14116.2	-0215.2	388	8.9	20858.6	-0229.0

-02 389 2h10m

-02 748 3h46m

389	7.8	21026.5	-0242.8	479	9.8	23657.9	-0231.8	569	9.0	30400.1	-0239.0	659	9.8	32729.5	-0253.5
390	9.5	21034.6	-0210.5	480	8.3	23719.9	-0234.7	570	9.8	30418.7	-0205.3	660	9.6	32731.7	-0225.0
391	9.9	21043.5	-0247.0	481	9.8	23721.8	-0227.7	571	9.1	30444.5	-0254.6	661	9.4	32735.0	-0227.5
392	9.1	21122.2	-0212.2	482	9.2	23753.4	-0238.4	572	8.5	30445.3	-0259.5	662	9.7	32735.2	-0254.8
393	8.5	21136.5	-0224.6	483	9.2	23914.9	-0216.3	573	9.0	30528.4	-0242.0	663	9.8	32738.2	-0246.5
394	9.1	21139.2	-0252.1	484	9.5	23919.8	-0213.6	574	9.8	30532.9	-0224.4	664	9.4	32820.8	-0235.3
395	9.7	21145.6	-0251.0	485	9.2	23926.3	-0215.0	575	9.8	30539.3	-0208.8	665	9.8	32825.1	-0214.5
396	8.4	21226.5	-0253.9	486	9.7	23946.9	-0218.6	576	9.5	30544.9	-0227.2	666	9.8	32836.9	-0238.0
397	9.3	21307.7	-0214.2	487	9.4	24007.3	-0214.5	577	9.8	30553.9	-0210.4	667	9.0	32844.2	-0250.8
398	9.8	21358.2	-0224.2	488	9.4	24050.5	-0249.8	578	9.8	30609.2	-0247.6	668	8.7	32900.0	-0203.4
399	9.3	21552.7	-0234.2	489	10.	24116.4	-0239.4	579	9.8	30706.9	-0236.9	669	9.5	32909.1	-0201.1
400	9.5	21635.0	-0208.8	490	9.2	24119.4	-0236.1	580	9.4	30715.3	-0245.7	670	9.4	32934.6	-0202.3
401	8.3	21655.3	-0234.3	491	8.3	24130.0	-0207.2	581	7.2	30717.9	-0252.3	671	9.8	33006.6	-0207.5
402	9.8	21656.7	-0213.4	492	10.	24136.3	-0255.2	582	9.5	30752.0	-0207.0	672	9.7	33008.9	-0240.0
403	8.9	21657.8	-0257.1	493	9.8	24138.8	-0215.0	583	8.7	30805.6	-0243.0	673	9.8	33038.4	-0236.3
404	8.3	21708.3	-0224.4	494	10.	24145.4	-0239.5	584	9.8	30807.4	-0214.4	674	9.7	33052.0	-0246.4
405	8.2	21715.2	-0240.2	495	10.	24153.9	-0237.5	585	9.8	30827.8	-0240.8	675	8.7	33056.2	-0213.1
406	8.6	21732.2	-0246.4	496	9.6	24155.1	-0233.0	586	9.1	30840.9	-0223.1	676	9.0	33103.9	-0222.7
407	9.8	21809.8	-0249.6	497	9.3	24217.8	-0233.5	587	8.9	30848.5	-0236.2	677	8.7	33104.6	-0202.7
408	8.8	21906.0	-0255.9	498	9.0	24253.1	-0233.9	588	9.8	30851.6	-0202.8	678	9.8	33105.3	-0258.7
409	9.3	21908.1	-0211.2	499	9.5	24303.9	-0216.4	589	9.3	30857.7	-0252.7	679	7.8	33114.4	-0233.7
410	9.8	21924.2	-0225.2	500	9.5	24311.9	-0237.4	590	9.8	30908.1	-0238.9	680	9.2	33120.7	-0219.2
411	9.8	21934.2	-0231.6	501	9.7	24321.8	-0218.9	591	10.	30916.7	-0201.2	681	7.7	33133.0	-0200.0
412	8.3	22010.7	-0235.8	502	10.	24408.8	-0259.2	592	9.4	30931.2	-0200.5	682	9.8	33150.2	-0224.0
413	8.7	22015.6	-0240.2	503	10.	24409.2	-0240.8	593	9.8	31001.6	-0203.7	683	7.8	33223.5	-0204.0
414	9.8	22030.6	-0202.9	504	9.3	24437.9	-0223.2	594	9.2	31028.5	-0223.0	684	8.3	33231.2	-0223.4
415	9.8	22125.8	-0237.6	505	9.4	24445.5	-0236.6	595	9.8	31044.3	-0245.8	685	9.9	33236.3	-0228.8
416	9.2	22130.2	-0215.1	506	9.3	24457.7	-0219.5	596	10.	31046.6	-0226.8	686	8.0	33250.7	-0222.1
417	9.2	22140.2	-0227.6	507	9.7	24510.3	-0209.8	597	9.5	31058.9	-0205.0	687	9.8	33307.5	-0203.4
418	10.	22215.4	-0259.9	508	9.8	24557.1	-0241.4	598	8.8	31111.2	-0209.0	688	9.8	33309.2	-0257.5
419	8.3	22222.5	-0255.2	509	10.	24609.7	-0228.3	599	9.6	31140.7	-0239.5	689	9.3	33316.5	-0241.4
420	9.3	22229.8	-0227.7	510	9.4	24611.4	-0226.8	600	9.5	31141.9	-0231.9	690	7.5	33325.5	-0247.9
421	9.8	22245.0	-0252.2	511	7.8	24613.9	-0214.0	601	9.3	31154.8	-0256.3	691	9.0	33335.1	-0208.0
422	8.9	22255.3	-0236.3	512	9.5	24615.7	-0216.3	602	9.5	31211.6	-0231.5	692	9.0	33337.4	-0236.6
423	7.8	22311.3	-0218.6	513	8.8	24619.8	-0203.5	603	8.7	31223.6	-0235.7	693	8.8	33342.9	-0239.7
424	9.3	22313.8	-0258.6	514	9.8	24628.5	-0237.4	604	7.7	31241.5	-0207.2	694	9.6	33359.8	-0224.7
425	9.3	22315.2	-0252.1	515	9.0	24630.0	-0246.2	605	9.2	31244.5	-0204.7	695	9.3	33402.0	-0253.0
426	8.9	22322.3	-0245.8	516	9.1	24642.9	-0204.3	606	9.1	31248.5	-0203.8	696	9.6	33428.4	-0245.3
427	9.2	22337.5	-0249.7	517	8.3	24733.5	-0254.5	607	8.3	31306.0	-0216.9	697	10.	33433.4	-0210.6
428	9.5	22344.3	-0205.7	518	10.	24749.0	-0242.7	608	9.8	31333.6	-0219.2	698	9.8	33509.3	-0219.1
429	9.3	22425.2	-0235.4	519	9.8	24838.9	-0209.0	609	9.2	31434.3	-0235.2	699	9.1	33513.5	-0243.2
430	9.2	22428.2	-0230.9	520	9.0	24859.5	-0256.4	610	9.7	31458.2	-0253.5	700	9.0	33528.2	-0249.8
431	9.8	22437.7	-0234.4	521	8.9	24934.9	-0209.6	611	8.5	31531.8	-0234.5	701	9.8	33545.4	-0241.2
432	8.3	22516.6	-0239.6	522	8.8	24940.5	-0221.5	612	8.3	31551.0	-0200.6	702	7.5	33602.8	-0231.8
433	8.3	22520.2	-0223.7	523	9.5	25012.4	-0231.5	613	9.5	31613.3	-0244.2	703	7.8	33616.8	-0232.2
434	9.5	22531.3	-0221.5	524	9.3	25018.9	-0235.0	614	9.8	31629.1	-0207.0	704	9.3	33627.6	-0240.6
435	9.3	22537.1	-0203.0	525	9.8	25039.4	-0209.6	615	8.5	31635.6	-0258.5	705	9.8	33635.6	-0209.0
436	9.8	22606.3	-0242.1	526	7.9	25039.7	-0255.1	616	9.8	31645.2	-0216.2	706	10.	33642.4	-0235.4
437	9.8	22620.7	-0223.7	527	9.2	25047.0	-0219.3	617	9.5	31653.7	-0223.5	707	8.3	33645.3	-0225.9
438	9.2	22622.8	-0227.4	528	9.7	25052.4	-0209.2	618	8.7	31738.2	-0250.5	708	9.5	33708.9	-0229.5
439	8.9	22635.4	-0251.0	529	8.5	25102.4	-0209.7	619	8.6	31751.9	-0214.3	709	9.8	33718.3	-0220.4
440	9.5	22659.7	-0221.9	530	9.5	25225.0	-0241.5	620	9.4	31801.3	-0230.0	710	9.6	33741.0	-0250.0
441	10.	22743.2	-0223.0	531	9.2	25227.4	-0206.9	621	8.9	31834.9	-0200.2	711	9.3	33801.2	-0215.0
442	9.1	22757.8	-0212.8	532	7.8	25242.4	-0223.0	622	9.6	31857.5	-0250.0	712	9.8	33813.1	-0250.6
443	9.8	22819.3	-0236.0	533	9.7	25317.0	-0231.0	623	8.9	31901.0	-0239.1	713	9.6	33828.4	-0229.6
444	8.3	22828.3	-0227.7	534	9.5	25330.5	-0205.9	624	9.4	31901.5	-0205.4	714	9.1	33905.2	-0210.6
445	9.0	22832.9	-0234.4	535	9.5	25341.5	-0222.0	625	9.6	31905.4	-0241.4	715	9.8	33936.1	-0251.9
446	9.8	22845.8	-0236.1	536	10.	25409.1	-0211.4	626	10.	31906.1	-0206.9	716	9.5	33939.2	-0211.5
447	9.8	22848.8	-0218.1	537	9.8	25523.0	-0226.8	627	8.8	31907.1	-0218.8	717	8.8	34008.8	-0245.3
448	9.8	22853.8	-0246.5	538	7.3	25540.3	-0239.6	628	9.8	31908.7	-0222.6	718	9.7	34011.3	-0219.6
449	9.4	22858.6	-0220.5	539	9.7	25547.9	-0249.7	629	9.3	31926.8	-0230.9	719	9.7	34014.2	-0248.6
450	9.6	22934.3	-0242.6	540	9.0	25558.9	-0246.4	630	9.1	31928.6	-0254.2	720	9.5	34014.2	-0239.9
451	8.9	22936.3	-0228.3	541	9.9	25626.3	-0259.6	631	9.8	32034.1	-0206.7	721	8.3	34108.3	-0235.0
452	7.2	22946.8	-0258.1	542	9.3	25645.5	-0203.6	632	9.6	32037.7	-0217.7	722	9.1	34112.4	-0231.0
453	9.3	22957.3	-0235.3	543	8.9	25709.3	-0243.9	633	8.0	32050.0	-0259.4	723	7.8	34126.7	-0252.7
454	8.7	23006.1	-0256.6	544	9.2	25722.3	-0231.6	634	9.5	32050.9	-0239.4	724	9.8	34130.4	-0228.5
455	9.3	23008.3	-0235.0	545	9.3	25727.2	-0202.1	635	8.9	32056.8	-0221.7	725	9.5	34206.9	-0235.9
456	8.0	23102.7	-0202.2	546	9.3	25754.1	-0229.9	636	8.9	32117.9	-0248.5	726	7.3	34220.3	-0246.5
457	9.5	23116.3	-0221.4	547	9.1	25817.3	-0256.6	637	9.4	32125.7	-0255.4	727	9.8	34223.1	-0257.6
458	9.6	23126.4	-0239.0	548	9.8	25817.8	-0226.5	638	10.	32204.0	-0241.2	728	9.7	34232.7	-0222.9
459	9.6	23129.0	-0253.1	549	9.8	25825.8	-0215.1	639	9.5	32212.3	-0257.7	729	9.8	34234.3	-0251.9
460	8.7	23134.8	-0212.7	550	9.8	25912.1	-0237.0	640	8.6	32215.7	-0214.7	730	8.8	34241.3	-0244.2
461	9.8	23135.8	-0223.4	551	9.1	25917.0	-0213.4	641	9.8	32217.6	-0225.3	731	9.1	34244.8	-0225.3
462	8.0	23156.8	-0231.9	552	8.5	25924.0	-0209.1	642	9.3	32321.8	-0226.5	732	9.6	34311.2	-0213.2
463	7.8	23158.8	-0242.1	553	9.2	25924.8	-0221.9	643	8.9	32324.8	-0229.6	733	10.	34317.6	-0248.9
464	9.8	23220.3	-0221.7	554	6.8	25952.1	-0221.7	644	9.0	32325.7	-0216.7	734	9.8	34335.1	-0257.4
465	10.	23239.0	-0202.5	555	8.5	30019.6	-0212.5	645	9.8	32339.2	-0215.4	735	9.2	34335.9	-0249.6
466	9.6	23243.2	-0242.0	556	9.1	30047.5	-0222.8	646	8.8	32339.5	-0258.4	736	9.8	34359.8	-0232.5
467	10.	23243.5	-0205.7	557	9.4	30107.0	-0211.6	647	9.4	32340.7	-0237.2	737	8.9	34409.2	-0224.7
468	9.5	23310.4	-0230.2	558	9.5	30110.5	-0207.1	648	8.6	32346.5	-0245.2	738	8.8	34417.6	-0251.5
469	8.3	23320.2	-0232.9	559	9.7	30143.5	-0202.6	649	8.9	32459.2	-0211.1	739	8.3	34440.2	-0203.9
470	9.6	23332.9	-0241.1	560	9.7	30148.4	-0229.3	650	9.6	32505.6	-0246.3	740	9.5	34453.4	-0243.7
471	9.4	23341.2	-0211.3	561	9.7	30245.4	-0219.6	651	8.3	32521.2	-0209.4	741	10.	34508.2	-0223.8
472	9.3	23353.4	-0230.0	562	9.8	30248.2	-0204.0	652	7.5	32552.3	-0221.1	742	8.8	34519.1	-0245.9
473	9.2	23401.6	-0221.6	563	7.7	30257.2	-0214.7	653	9.8	32555.6	-0203.9	743	9.5	34529.5	-0254.1
474	9.6	23434.9	-0240.3	564	9.8	30257.7	-0254.5	654	9.1	32603.5	-0200.1	744	9.8	34546.3	-0228.2
475	9.3	23440.3	-0211.5	565	9.8	30308.3	-0217.4	655	9.0	32640.8	-0245.1	745	9.0	34548.0	-0216.4
476	9.0	23457.9	-0258.3	566	9.8	30314.4	-0244.4	656	9.0	32642.2	-0238.9	746	9.4	34549.2	-0216.5
477	10.	23533.4	-0238.9	567	9.8	30341.9	-0202.9	657	9.8	32719.4	-0253.9	747	8.0	34551.8	-0225.8
478	9.3	23628.8	-0204.1	568	9.5	30347.6	-0242.2	658	9.0	32722.8	-0247.5	748	9.4	34601.3	-0228.9

749	9.5	34651.7	-0225.0	839	9.9	40600.0	-0236.7	929	8.9	42439.5	-0214.0	1019	9.4	44100.3	-0249.0
750	10.	34707.1	-0241.5	840	9.5	40642.1	-0257.7	930	8.7	42446.2	-0217.4	1020	9.7	44102.6	-0213.9
751	10.	34739.1	-0245.7	841	8.7	40701.7	-0252.4	931	9.6	42514.2	-0259.4	1021	8.6	44104.1	-0207.3
752	9.4	34742.7	-0225.9	842	9.3	40703.2	-0228.1	932	9.7	42518.6	-0244.2	1022	9.8	44106.0	-0224.4
753	9.4	34750.3	-0256.1	843	9.4	40716.1	-0209.0	933	9.6	42540.5	-0259.4	1023	9.9	44113.0	-0200.3
754	9.0	34759.9	-0209.5	844	7.8	40718.8	-0230.4	934	10.	42553.4	-0205.7	1024	9.5	44115.2	-0224.6
755	9.8	34810.5	-0235.7	845	10.	40816.4	-0246.7	935	9.9	42559.4	-0233.0	1025	8.7	44128.4	-0253.9
756	10.	34816.0	-0227.0	846	9.9	40841.3	-0203.9	936	9.8	42611.9	-0254.9	1026	9.7	44150.1	-0255.3
757	10.	34832.6	-0218.7	847	9.3	40904.0	-0259.0	937	9.7	42618.7	-0239.8	1027	10.	44202.2	-0201.2
758	9.6	34900.2	-0244.6	848	8.2	40917.6	-0244.5	938	7.7	42619.3	-0208.2	1028	9.1	44208.2	-0246.9
759	9.5	34910.4	-0258.7	849	10.	40918.9	-0221.0	939	8.9	42626.0	-0245.6	1029	9.3	44213.8	-0222.3
760	9.2	34941.4	-0257.8	850	9.4	40922.0	-0239.4	940	9.7	42627.1	-0216.9	1030	9.5	44216.7	-0201.5
761	9.9	34951.9	-0251.8	851	9.7	40930.9	-0259.0	941	9.7	42634.8	-0259.8	1031	10.	44228.7	-0252.3
762	9.2	34958.0	-0200.2	852	9.2	40933.5	-0238.3	942	8.1	42716.2	-0223.1	1032	8.2	44237.9	-0243.9
763	9.8	35015.9	-0252.0	853	8.9	40959.5	-0237.8	943	9.6	42716.7	-0204.0	1033	10.	44239.0	-0208.8
764	8.8	35016.7	-0224.0	854	9.5	41006.3	-0227.4	944	8.5	42730.0	-0209.4	1034	10.	44251.8	-0237.4
765	9.1	35025.4	-0244.4	855	8.8	41021.1	-0212.4	945	9.0	42736.9	-0259.1	1035	10.	44301.4	-0206.9
766	10.	35041.1	-0246.6	856	9.2	41022.1	-0259.6	946	9.8	42801.0	-0213.2	1036	10.	44346.2	-0204.2
767	9.8	35056.2	-0242.1	857	9.8	41049.9	-0202.4	947	9.8	42815.1	-0217.6	1037	9.9	44351.2	-0257.1
768	9.5	35107.0	-0237.9	858	8.5	41101.3	-0245.6	948	9.8	42818.8	-0254.6	1038	10.	44354.3	-0205.3
769	10.	35130.4	-0212.9	859	9.3	41112.7	-0259.8	949	9.5	42836.7	-0257.6	1039	9.8	44401.4	-0224.5
770	8.5	35205.0	-0209.3	860	9.5	41120.6	-0241.5	950	10.	42837.5	-0242.2	1040	9.8	44407.8	-0205.7
771	9.8	35206.1	-0220.8	861	9.9	41156.0	-0235.6	951	9.2	42839.9	-0254.8	1041	9.8	44408.7	-0250.5
772	10.	35229.5	-0234.0	862	9.6	41200.4	-0233.6	952	8.0	42843.6	-0221.5	1042	9.2	44426.4	-0258.4
773	10.	35346.0	-0255.0	863	9.0	41202.5	-0205.0	953	9.4	42852.6	-0209.1	1043	9.2	44435.5	-0211.5
774	9.4	35353.1	-0227.7	864	8.7	41227.8	-0249.0	954	9.5	42859.8	-0205.6	1044	9.4	44436.3	-0246.2
775	9.2	35418.9	-0238.1	865	9.2	41229.7	-0213.0	955	10.	42919.6	-0250.3	1045	10.	44444.4	-0241.0
776	9.5	35429.7	-0216.5	866	9.1	41247.4	-0201.4	956	9.4	42923.0	-0222.5	1046	10.	44445.3	-0246.4
777	8.0	35456.8	-0202.4	867	6.7	41257.7	-0259.0	957	10.	42935.4	-0258.9	1047	9.3	44447.6	-0213.5
778	9.8	35505.2	-0243.2	868	9.2	41258.9	-0218.8	958	10.	42950.8	-0203.8	1048	9.8	44451.8	-0236.1
779	10.	35514.6	-0212.0	869	9.1	41308.0	-0219.7	959	9.6	43000.7	-0239.8	1049	8.6	44500.5	-0251.6
780	9.9	35534.0	-0208.2	870	9.2	41314.8	-0245.9	960	9.8	43007.7	-0231.9	1050	9.5	44524.1	-0216.0
781	9.1	35558.4	-0258.9	871	9.1	41316.5	-0204.0	961	8.7	43014.3	-0250.0	1051	10.	44535.3	-0206.8
782	8.2	35600.3	-0246.2	872	9.8	41319.3	-0241.8	962	9.3	43017.0	-0257.3	1052	9.0	44556.7	-0200.3
783	9.0	35605.5	-0253.9	873	9.0	41321.5	-0205.2	963	5.1	43018.6	-0245.9	1053	8.3	44601.5	-0250.8
784	9.2	35607.0	-0207.9	874	9.0	41341.4	-0218.3	964	7.2	43026.0	-0256.5	1054	8.7	44613.0	-0200.7
785	9.3	35610.8	-0219.7	875	9.7	41344.6	-0257.8	965	9.8	43027.9	-0245.9	1055	9.9	44613.3	-0257.0
786	9.0	35629.4	-0224.2	876	9.4	41353.2	-0209.4	966	8.7	43032.1	-0259.9	1056	9.5	44627.5	-0209.7
787	9.1	35641.0	-0227.1	877	10.	41427.1	-0255.0	967	9.2	43039.3	-0252.9	1057	9.2	44637.3	-0229.5
788	9.4	35641.8	-0203.0	878	9.4	41433.0	-0222.0	968	9.8	43040.0	-0215.2	1058	10.	44649.1	-0238.1
789	9.5	35707.5	-0208.3	879	10.	41446.3	-0227.1	969	9.4	43103.5	-0214.2	1059	10.	44707.6	-0247.6
790	9.5	35709.4	-0207.9	880	9.5	41504.0	-0220.5	970	9.9	43137.2	-0238.7	1060	9.0	44708.5	-0209.6
791	9.6	35711.4	-0247.1	881	9.8	41504.3	-0246.2	971	9.4	43152.5	-0248.5	1061	8.3	44716.5	-0202.2
792	9.5	35712.5	-0238.5	882	9.4	41512.1	-0239.7	972	9.5	43156.5	-0213.2	1062	9.5	44738.1	-0230.4
793	9.3	35712.8	-0226.7	883	8.3	41524.4	-0235.1	973	10.	43203.9	-0227.8	1063	8.8	44747.7	-0250.3
794	9.7	35728.2	-0254.7	884	8.5	41525.8	-0215.8	974	10.	43229.7	-0220.7	1064	9.4	44751.1	-0257.8
795	9.5	35728.2	-0242.8	885	9.3	41531.5	-0241.5	975	9.3	43236.1	-0256.7	1065	9.6	44758.7	-0254.4
796	9.2	35730.9	-0222.6	886	9.3	41557.9	-0240.0	976	9.6	43247.9	-0210.4	1066	10.	44802.8	-0223.0
797	9.2	35735.5	-0222.8	887	8.8	41612.8	-0249.7	977	9.7	43301.6	-0250.2	1067	9.6	44805.0	-0227.1
798	6.8	35735.6	-0249.7	888	9.8	41637.0	-0221.3	978	10.	43307.0	-0215.9	1068	9.5	44814.5	-0250.5
799	9.0	35750.1	-0210.3	889	9.8	41647.7	-0216.0	979	9.3	43322.5	-0212.6	1069	8.3	44827.7	-0234.4
800	8.6	35750.7	-0217.5	890	10.	41649.3	-0242.8	980	10.	43329.6	-0250.0	1070	8.5	44859.9	-0206.5
801	9.6	35812.1	-0240.8	891	9.0	41704.9	-0252.4	981	10.	43331.8	-0207.2	1071	10.	44910.1	-0249.6
802	9.7	35812.4	-0248.8	892	9.6	41728.2	-0224.3	982	8.0	43338.0	-0214.1	1072	9.2	44912.4	-0224.8
803	9.3	35818.6	-0229.1	893	9.2	41730.5	-0250.4	983	8.3	43340.8	-0258.5	1073	9.8	44927.1	-0257.5
804	9.7	35827.6	-0254.1	894	9.4	41745.3	-0244.3	984	9.8	43349.7	-0237.5	1074	9.2	44935.4	-0257.0
805	9.5	35840.0	-0249.7	895	9.5	41748.0	-0235.7	985	9.0	43419.8	-0244.0	1075	9.1	44936.2	-0257.5
806	9.9	35911.8	-0217.2	896	9.9	41801.2	-0223.3	986	10.	43421.8	-0210.4	1076	9.8	44940.4	-0246.0
807	8.5	35923.3	-0218.2	897	9.6	41804.0	-0219.5	987	9.8	43423.1	-0247.8	1077	9.4	45047.3	-0241.9
808	9.7	35924.2	-0217.1	898	9.7	41809.7	-0211.3	988	8.5	43424.8	-0225.3	1078	10.	45047.5	-0239.7
809	9.7	35931.6	-0255.2	899	7.3	41822.9	-0234.1	989	9.8	43441.6	-0218.2	1079	9.8	45048.9	-0206.0
810	9.8	35949.5	-0225.2	900	9.8	41826.2	-0210.1	990	9.5	43512.3	-0224.4	1080	6.3	45052.1	-0226.3
811	9.8	35950.8	-0224.6	901	10.	41831.5	-0244.2	991	10.	43518.2	-0240.5	1081	10.	45112.9	-0210.8
812	9.4	35951.6	-0230.2	902	9.5	41844.9	-0217.5	992	8.8	43539.1	-0256.5	1082	9.3	45141.1	-0212.7
813	9.4	35954.3	-0231.7	903	8.5	41928.4	-0203.4	993	10.	43543.9	-0227.5	1083	7.8	45147.3	-0221.7
814	8.2	40003.9	-0245.9	904	8.5	41937.2	-0229.6	994	9.7	43559.8	-0258.3	1084	9.4	45156.6	-0239.7
815	10.	40016.6	-0228.2	905	8.6	42006.0	-0220.9	995	9.3	43603.2	-0237.4	1085	9.9	45158.9	-0242.9
816	9.0	40022.2	-0200.7	906	10.	42031.9	-0238.2	996	9.1	43622.8	-0223.5	1086	9.8	45203.0	-0227.5
817	9.3	40029.8	-0255.7	907	9.9	42034.2	-0226.2	997	9.5	43632.6	-0207.3	1087	9.5	45207.4	-0221.4
818	9.6	40033.2	-0200.0	908	9.2	42059.8	-0246.2	998	9.0	43634.5	-0252.5	1088	8.8	45210.7	-0217.1
819	9.8	40142.1	-0240.6	909	10.	42101.5	-0219.6	999	9.5	43636.1	-0259.1	1089	10.	45228.6	-0242.3
820	8.5	40215.3	-0204.0	910	9.8	42113.1	-0236.8	1000	9.0	43653.7	-0218.9	1090	10.	45228.7	-0245.9
821	9.8	40241.3	-0218.0	911	10.	42134.7	-0256.0	1001	10.	43708.5	-0225.8	1091	10.	45237.5	-0243.4
822	9.4	40254.0	-0239.6	912	9.7	42143.8	-0238.2	1002	9.9	43712.4	-0239.8	1092	8.7	45245.8	-0259.4
823	9.7	40316.4	-0234.8	913	9.6	42148.9	-0212.7	1003	9.9	43717.1	-0236.3	1093	9.9	45251.2	-0235.6
824	9.8	40317.9	-0223.1	914	9.1	42157.4	-0241.4	1004	8.7	43803.4	-0256.6	1094	8.3	45257.0	-0209.4
825	9.8	40332.5	-0208.4	915	7.9	42208.7	-0244.3	1005	10.	43803.7	-0218.4	1095	6.5	45320.8	-0216.8
826	8.6	40337.4	-0252.4	916	9.7	42213.5	-0202.2	1006	9.4	43820.8	-0220.6	1096	9.9	45331.3	-0236.2
827	10.	40400.5	-0242.3	917	9.5	42213.9	-0240.3	1007	9.4	43839.2	-0244.3	1097	9.3	45335.4	-0207.1
828	10.	40415.9	-0206.1	918	9.1	42227.1	-0248.1	1008	10.	43850.7	-0200.8	1098	9.2	45337.0	-0238.2
829	10.	40504.0	-0221.7	919	9.8	42241.2	-0251.5	1009	9.0	43908.5	-0220.2	1099	10.	45345.1	-0241.2
830	9.8	40509.4	-0250.7	920	8.5	42242.6	-0239.6	1010	9.1	43911.0	-0228.5	1100	9.4	45345.7	-0242.5
831	10.	40509.5	-0228.2	921	9.8	42258.9	-0245.3	1011	9.4	43941.3	-0209.4	1101	10.	45354.6	-0238.4
832	7.6	40515.2	-0253.6	922	9.9	42315.0	-0248.7	1012	9.4	43945.9	-0254.8	1102	9.5	45357.4	-0234.6
833	9.8	40534.3	-0216.6	923	8.3	42315.5	-0232.8	1013	9.8	43949.5	-0220.4	1103	9.5	45420.3	-0202.4
834	9.0	40542.3	-0217.5	924	10.	42319.7	-0250.4	1014	9.6	43952.8	-0243.0	1104	8.0	45422.1	-0256.1
835	9.2	40545.2	-0256.8	925	9.8	42326.6	-0243.4	1015	9.8	44020.0	-0249.5	1105	9.6	45511.7	-0210.3
836	9.5	40547.4	-0235.4	926	9.7	42358.0	-0220.5	1016	9.0	44027.8	-0250.7	1106	9.4	45529.8	-0200.0
837	9.9	40548.7	-0214.1	927	9.7	42413.1	-0214.9	1017	9.5	44033.6	-0209.9	1107	9.4	45547.9	-0240.9
838	10.	40550.0	-0250.5	928	9.7	42428.4	-0251.2	1018	10.	44044.4	-0207.8	1108	9.2	45607.2	-0212.9

1109	9.2	45616.8	-0225.0	1268	9.2	50918.6	-0251.7	1268	10.	52555.3	-0247.4	1329	9.2	54067.4	-0248.4
1110	9.0	45685.5	-0251.7	1269	9.0	50985.4	-0246.6	1269	9.4	52603.8	-0224.1	1330	9.4	54123.5	-0248.4
1111	7.0	45742.1	-0245.1	1270	8.5	51045.6	-0241.1	1270	9.5	52667.6	-0207.5	1331	9.8	54178.0	-0253.3
1112	9.9	45803.5	-0237.1	1271	9.5	51095.6	-0227.2	1271	9.4	52647.2	-0246.8	1332	9.5	54148.2	-0246.6
1113	9.5	45860.8	-0237.1	1272	9.5	51083.8	-0238.7	1272	9.8	52668.9	-0221.8	1333	9.5	54152.2	-0232.6
1114	9.8	45949.9	-0250.1	1273	9.5	51010.2	-0234.3	1273	8.0	52650.5	-0200.7	1334	9.3	54209.4	-0243.9
1115	9.5	45951.9	-0246.3	1274	9.5	51037.6	-0207.1	1274	9.2	52656.8	-0215.2	1335	9.3	54304.0	-0201.5
1116	9.4	45992.0	-0238.9	1275	9.5	51037.9	-0231.4	1275	7.8	52659.5	-0259.2	1336	9.0	54310.1	-0207.3
1117	8.8	45975.8	-0246.3	1276	9.5	51023.8	-0245.4	1276	8.5	52700.4	-0229.3	1337	9.4	54311.1	-0206.4
1118	9.5	45914.2	-0246.3	1277	8.5	51107.5	-0241.5	1277	9.5	52723.0	-0234.9	1338	9.4	54311.8	-0234.5
1119	9.5	45719.8	-0202.6	1278	10.	51119.4	-0232.7	1278	9.5	52725.9	-0235.0	1339	9.3	54345.5	-0253.8
1120	9.3	45726.2	-0240.1	1279	9.5	51116.1	-0229.0	1279	9.5	52738.6	-0201.1	1340	9.5	54352.2	-0216.3
1121	10.	45746.1	-0210.5	1280	9.5	51130.7	-0211.5	1280	10.	52747.0	-0246.9	1341	8.5	54411.5	-0257.8
1122	9.7	45756.8	-0252.5	1281	9.5	51134.8	-0215.5	1281	9.5	52752.8	-0219.0	1342	9.5	54427.4	-0238.0
1123	10.	45809.8	-0245.4	1282	9.5	51157.3	-0229.2	1282	9.0	52755.6	-0200.7	1343	9.7	54500.0	-0200.9
1124	9.7	45808.7	-0251.5	1283	9.0	51131.8	-0228.8	1283	10.	52756.7	-0214.1	1344	10.	54504.0	-0203.5
1125	9.5	45913.5	-0246.2	1284	9.5	51146.2	-0236.9	1284	9.0	52757.9	-0228.8	1345	10.	54513.7	-0219.5
1126	9.1	45816.3	-0247.2	1285	9.5	51257.5	-0208.4	1285	9.5	52819.0	-0258.2	1346	9.0	54516.1	-0204.0
1127	9.0	45838.2	-0240.1	1286	9.2	51301.5	-0249.8	1286	8.5	52807.9	-0227.9	1347	9.0	54520.2	-0212.5
1128	9.6	45827.8	-0246.8	1287	9.5	51284.6	-0234.4	1287	9.8	52846.0	-0216.1	1348	9.5	54564.4	-0244.2
1129	9.4	45861.1	-0246.6	1288	9.2	51349.1	-0229.9	1288	8.8	52856.8	-0221.6	1349	9.5	54600.8	-0202.7
1130	8.6	45842.0	-0243.5	1289	9.5	51400.3	-0251.6	1289	10.	52908.5	-0209.1	1350	9.5	54655.1	-0214.8
1131	9.3	45858.1	-0247.0	1290	9.3	51405.5	-0248.5	1290	8.5	52912.7	-0205.1	1351	9.2	54721.3	-0232.2
1132	9.5	45901.5	-0245.2	1291	8.0	51420.6	-0211.4	1291	9.5	52917.3	-0203.0	1352	9.0	54726.0	-0202.8
1133	9.5	45926.8	-0249.4	1292	9.5	51447.7	-0233.8	1292	9.5	52927.9	-0207.0	1353	9.3	54745.5	-0256.4
1134	9.5	45966.6	-0246.8	1293	9.2	51466.6	-0244.5	1293	9.7	52931.0	-0209.4	1354	9.0	54768.2	-0215.7
1135	9.8	45987.2	-0241.2	1294	9.5	51538.8	-0217.6	1294	9.7	52949.4	-0205.5	1355	9.1	54754.8	-0225.0
1136	8.8	46032.8	-0251.9	1295	9.0	51543.6	-0227.3	1295	8.9	53005.7	-0210.1	1356	10.	54757.6	-0221.1
1137	9.5	46089.1	-0246.2	1296	9.5	51566.1	-0219.2	1296	9.5	53016.1	-0251.5	1357	9.8	54758.1	-0237.7
1138	9.5	46062.7	-0251.2	1297	9.5	51549.6	-0252.9	1297	9.5	53017.8	-0213.5	1358	9.5	54807.4	-0246.9
1139	9.5	50074.8	-0236.0	1298	9.4	51603.6	-0208.7	1298	8.5	53027.4	-0231.9	1359	9.8	54811.5	-0230.8
1140	9.5	50033.4	-0250.4	1299	9.0	51605.0	-0214.5	1299	9.5	53041.1	-0254.0	1360	9.5	54872.5	-0258.8
1141	9.5	50051.4	-0202.1	1300	9.3	51614.1	-0219.2	1300	9.5	53057.5	-0221.9	1361	9.5	54832.3	-0215.1
1142	9.3	50056.7	-0208.2	1301	9.0	51617.7	-0256.4	1301	10.	53117.6	-0249.1	1362	8.7	54840.5	-0249.2
1143	9.3	50059.5	-0209.2	1302	9.6	51708.6	-0257.7	1302	9.0	53118.0	-0239.2	1363	8.5	54845.1	-0213.4
1144	8.5	50104.0	-0235.8	1303	9.5	51711.3	-0215.0	1303	9.2	53120.0	-0238.2	1364	8.9	54850.5	-0249.5
1145	9.5	50111.1	-0233.2	1304	9.7	51710.1	-0231.9	1304	9.5	53122.1	-0255.3	1365	9.5	54856.3	-0229.5
1146	10.	50154.0	-0209.0	1305	9.5	51716.0	-0229.9	1305	9.0	53127.0	-0241.0	1366	9.5	54862.1	-0211.7
1147	9.5	50170.4	-0240.1	1306	9.5	51744.2	-0208.2	1306	9.5	53130.2	-0240.6	1367	9.0	54868.0	-0232.1
1148	9.4	50177.9	-0233.1	1307	9.2	51749.7	-0208.6	1307	8.5	53140.0	-0244.2	1368	8.8	54908.8	-0231.3
1149	8.5	50167.1	-0241.8	1308	9.5	51776.1	-0217.8	1308	9.0	53144.7	-0205.3	1369	9.8	54917.4	-0200.7
1150	9.5	50168.6	-0254.1	1309	9.8	51742.4	-0241.7	1309	9.0	53158.9	-0236.6	1370	9.5	54916.8	-0259.8
1151	9.0	50144.8	-0233.1	1310	8.0	51766.7	-0256.8	1310	9.7	53218.0	-0246.9	1371	9.5	54978.0	-0204.5
1152	9.5	50115.1	-0221.0	1311	8.5	51781.3	-0234.8	1311	9.1	53230.8	-0245.7	1372	9.0	54958.2	-0233.9
1153	9.4	50101.0	-0222.4	1312	9.0	51811.7	-0239.4	1312	8.5	53223.6	-0241.8	1373	8.0	54982.8	-0207.6
1154	9.0	50210.1	-0232.0	1313	9.5	51806.6	-0244.8	1313	9.7	53227.6	-0257.5	1374	9.5	55160.2	-0227.2
1155	7.0	50216.8	-0229.0	1314	8.5	51806.6	-0218.8	1314	9.0	53257.9	-0235.4	1375	9.5	55105.1	-0219.6
1156	9.7	50245.6	-0254.7	1315	9.8	51829.0	-0227.8	1315	9.3	53303.9	-0251.8	1376	9.0	55109.2	-0238.4
1157	9.7	50264.8	-0225.1	1316	9.1	51850.0	-0226.7	1316	7.5	53322.1	-0254.5	1377	9.5	55116.0	-0206.7
1158	8.5	50268.5	-0.0.0	1317	9.5	51908.7	-0233.7	1317	2.0	53326.6	-0201.8	1378	9.5	55137.1	-0225.5
1159	9.5	50313.8	-0254.2	1318	9.8	51907.9	-0216.8	1318	9.4	53327.3	-0200.5	1379	9.5	55140.0	-0203.6
1160	9.5	50319.2	-0.0.4	1319	7.5	51941.3	-0229.1	1319	9.5	53338.0	-0213.6	1380	9.0	55141.4	-0258.5
1161	7.0	50340.0	-0.2.6	1320	9.5	51956.2	-0248.5	1320	9.1	53340.1	-0255.3	1381	9.2	55146.2	-0251.3
1162	9.7	50342.3	-0209.1	1321	9.5	52008.5	-0221.0	1321	9.5	53341.5	-0249.1	1382	9.4	55150.5	-0250.9
1163	9.4	50344.6	-0253.1	1322	9.0	52018.5	-0256.5	1322	8.5	53345.8	-0253.0	1383	8.5	55208.1	-0221.5
1164	9.5	50349.8	-0205.6	1323	8.8	52027.9	-0214.1	1323	8.5	53347.5	-0247.7	1384	9.5	55209.2	-0238.5
1165	8.0	50401.3	-0240.4	1324	9.5	52041.8	-0215.0	1324	9.5	53421.5	-0219.7	1385	9.5	55217.2	-0236.3
1166	9.0	50417.5	-0202.0	1325	9.5	52062.6	-0209.4	1325	7.5	53424.3	-0258.7	1386	9.5	55226.1	-0220.6
1167	9.5	50420.9	-0251.2	1326	9.0	52091.2	-0235.3	1326	10.	53430.3	-0234.5	1387	9.5	55253.3	-0244.6
1168	9.5	50444.2	-0.0.1	1327	9.5	52063.6	-0251.1	1327	8.7	53437.3	-0252.7	1388	9.5	55315.4	-0258.4
1169	9.2	50501.9	-0252.2	1328	9.0	52057.9	-0254.3	1328	9.3	53510.3	-0259.2	1389	9.0	55315.0	-0204.0
1170	9.5	50505.9	-0.2.4	1329	9.0	52110.6	-0251.4	1329	8.5	53544.2	-0.2..	1390	9.6	55338.1	-0215.8
1171	9.5	50504.6	-0.08..	1330	9.0	52102.6	-0252.1	1330	9.0	53545.5	-0255.2	1391	9.0	55346.2	-0215.7
1172	9.5	50506.6	-0208.4	1331	9.2	52111.8	-0217.6	1331	9.7	53607.3	-0.16.3	1392	9.5	55351.2	-0235.8
1173	9.5	50511.2	-0.2.8	1332	8.8	52106.6	-0.54.0	1332	9.7	53636.4	-0265.0	1393	9.7	55359.8	-0204.9
1174	9.5	50515.2	-0.2.2	1333	9.0	52169.6	-0257.1	1333	9.0	53647.5	-0.2.4	1394	9.5	55413.1	-0216.2
1175	9.5	50606.8	-0208.1	1334	9.0	52152.1	-0.54.7	1334	9.5	53669.1	-0207.9	1395	9.7	55416.1	-0225.1
1176	9.7	50609.5	-0202.1	1335	8.5	52202.6	-0207.0	1335	9.0	53652.3	-0253.8	1396	10.	55417.0	-0211.5
1177	9.5	50610.0	-0.2.8	1336	9.7	52210.6	-0222.6	1336	8.8	53659.2	-0224.4	1397	9.0	55424.0	-0204.9
1178	9.5	50614.4	-0.01.9	1337	9.0	52237.9	-0221.8	1337	8.5	53712.5	-0258.3	1398	8.0	55430.1	-0221.4
1179	9.2	50616.7	-0258.0	1338	9.7	52200.6	-0264.6	1338	9.5	53716.3	-0232.4	1399	9.6	55452.2	-0236.5
1180	9.5	50626.6	-0238.5	1339	9.5	52203.7	-0.54.4	1339	9.5	53718.2	-0219.5	1400	9.3	55457.3	-0243.6
1181	8.5	50630.7	-0.52.0	1340	9.3	52303.8	-0.2.5	1340	9.6	53742.7	-0227.9	1401	9.5	55459.0	-0208.5
1182	9.0	50636.8	-0209.4	1341	9.2	52314.4	-0246.2	1341	10.	53746.0	-0.19.8	1402	9.5	55511.8	-0207.0
1183	9.5	50642.5	-0.58..	1342	9.5	52331.8	-0.0.2	1342	9.8	53744.6	-0223.8	1403	8.3	55512.1	-0221.3
1184	10.	50644.2	-0.0.2	1343	8.8	52337.0	-0218.1	1343	9.5	53757.3	-0223.0	1404	9.5	55523.0	-0213.7
1185	9.5	50656.0	-0.0.6	1344	9.0	52340.5	-0248.6	1344	9.5	53802.2	-0221.4	1405	8.0	55524.3	-0258.8
1186	9.5	50657.9	-0.08.1	1345	9.0	52340.6	-0205.6	1345	9.0	53803.4	-0248.6	1406	8.5	55526.1	-0226.4
1187	9.5	50702.2	-0.0.6	1346	9.2	52303.4	-0245.0	1346	9.5	53850.3	-0235.4	1407	8.7	55537.0	-0203.8
1188	9.0	50722.9	-0226..	1347	8.5	52401.5	-0205.3	1347	9.8	53853.4	-0231.4	1408	7.5	55552.2	-0228.9
1189	10.	50734.8	-0221..	1348	8.5	52440.7	-0212.4	1348	9.5	53913.1	-0205.5	1409	9.6	55617.2	-0201.7
1190	9.5	50741.5	-0.39..	1349	9.3	52419.7	-0216.2	1349	9.5	53944.4	-0248.5	1410	9.5	55612.3	-0249.9
1191	10.	50807.3	-0.38.4	1350	9.5	52426.9	-0.1.5	1350	9.5	53957.4	-0242.7	1411	10.	55613.1	-0222.2
1192	9.5	50811.0	-0.58.5	1351	9.5	52456.5	-0.04.0	1351	9.3	54018.1	-0223.0	1412	9.2	55614.2	-0234.7
1193	9.4	50817.5	-0.48.7	1352	9.5	52515.4	-0200.0	1352	8.0	54030.2	-0220.8	1413	9.4	55625.6	-0203.0
1194	9.4	50825.7	-0.09..	1353	10.	52516.0	-0234.1	1353	9.8	54030.4	-0225.0	1414	9.5	55648.3	-0244.6
1195	9.5	50834.0	-0.09.1	1354	9.0	52525.6	-0208.4	1354	9.0	54035.4	-0248.5	1415	9.2	55727.0	-0215.1
1196	9.5	50853.9	-0.0.6	1355	9.0	52533.8	-0213.7	1355	9.5	54038.2	-0215.4	1416	9.5	55734.1	-0224.0
1197	10.	50854.2	-0.5..	1356	9.5	52558.5	-0202.6	1356	9.5	54046.5	-0.59.1	1417	9.0	55736.5	-0242.8
1198	9.5	50910.8	-0.07.1	1357	9.7	52561.8	-0247.1	1357	9.5	54049.3	-0227.0	1418	9.5	55749.2	-0237.9

1469	9.5	55753.0	-0203.4	1559	9.8	61206.4	-0242.5	1649	8.7	62442.2	-0240.8	1739	9.4	63654.7	-0250.3
1470	9.0	55811.2	-0239.0	1560	9.5	61219.5	-0238.0	1650	9.0	62453.3	-0246.6	1740	9.5	63701.6	-0239.5
1471	9.5	55812.2	-0232.7	1561	10.	61223.6	-0204.2	1651	9.8	62504.8	-0246.6	1741	8.5	63707.0	-0216.7
1472	9.0	55817.0	-0205.0	1562	9.4	61223.8	-0244.3	1652	9.0	62514.6	-0241.9	1742	9.5	63713.4	-0214.2
1473	9.0	55822.0	-0210.0	1563	9.5	61228.7	-0208.0	1653	9.5	62519.8	-0210.6	1743	9.5	63728.7	-0237.0
1474	10.	55840.3	-0242.1	1564	5.5	61243.1	-0252.5	1654	9.2	62540.6	-0222.0	1744	8.8	63740.3	-0243.9
1475	10.	55843.2	-0228.3	1565	9.5	61250.4	-0234.9	1655	9.5	62546.8	-0210.0	1745	9.5	63745.4	-0231.9
1476	9.2	55902.3	-0250.5	1566	9.7	61257.7	-0243.4	1656	9.0	62553.1	-0221.2	1746	9.2	63748.1	-0240.8
1477	9.5	55918.1	-0225.6	1567	9.4	61259.3	-0210.8	1657	9.1	62559.0	-0246.8	1747	9.8	63805.2	-0220.7
1478	9.5	55922.2	-0231.9	1568	9.1	61307.3	-0201.6	1658	9.5	62632.4	-0202.5	1748	9.3	63808.6	-0231.7
1479	9.2	55925.4	-0259.2	1569	9.5	61319.4	-0224.2	1659	9.5	62634.2	-0226.5	1749	9.4	63808.6	-0247.2
1480	9.5	55932.0	-0240.3	1570	9.1	61339.6	-0215.7	1660	9.3	62640.2	-0214.8	1750	9.4	63814.3	-0220.8
1481	9.0	55945.4	-0253.8	1571	9.2	61340.0	-0259.0	1661	9.1	62702.5	-0237.8	1751	9.7	638.6.7	-0211.8
1482	9.1	55946.2	-0235.9	1572	10.	61347.9	-0203.4	1662	8.1	62704.7	-0247.7	1752	9.7	63844.8	-0248.7
1483	9.5	60014.1	-0223.0	1573	9.5	61354.1	-0238.9	1663	7.0	62706.2	-0257.8	1753	9.5	63845.9	-0225.4
1484	9.5	60015.9	-0201.1	1574	9.5	61354.6	-0208.6	1664	9.0	62709.9	-0235.5	1754	9.0	63853.0	-0214.5
1485	9.5	60017.9	-0204.7	1575	9.8	61436.3	-0227.3	1665	9.5	62748.3	-0200.1	1755	9.6	63856.0	-0208.5
1486	9.5	60031.0	-0212.2	1576	10.	61447.6	-0222.4	1666	9.8	62752.6	-0200.5	1756	9.5	63909.4	-0252.9
1487	9.5	60044.9	-0200.3	1577	9.8	61450.2	-0234.2	1667	9.4	62755.6	-0257.6	1757	9.5	63911.0	-0207.5
1488	9.5	60054.0	-0210.5	1578	9.0	61458.1	-0222.1	1668	9.0	62800.3	-0243.9	1758	9.6	63912.9	-0203.6
1489	9.5	60056.7	-0201.4	1579	7.8	61513.2	-0238.6	1669	8.0	62817.2	-0207.4	1759	9.8	63923.4	-0245.0
1490	9.0	60057.2	-0234.6	1580	9.1	61517.0	-0202.1	1670	9.5	62823.1	-0245.0	1760	9.4	63926.3	-0229.6
1491	9.3	60059.3	-0240.4	1581	30.0	61525.7	-0207.7	1671	8.5	62836.9	-0227.5	1761	9.8	63936.0	-0217.4
1492	9.5	60107.3	-0249.7	1582	9.5	61526.1	-0255.4	1672	9.4	62858.6	-0200.0	1762	9.0	63936.4	-0233.5
1493	9.3	60116.1	-0221.1	1583	8.8	61552.3	-0234.7	1673	9.5	62905.2	-0228.2	1763	9.5	63939.9	-0210.9
1494	8.7	60125.2	-0228.3	1584	9.5	61555.6	-0226.4	1674	9.8	62906.7	-0206.1	1764	9.1	63952.9	-0241.2
1495	7.5	60138.0	-0201.5	1585	9.8	61600.5	-0258.6	1675	9.5	62912.8	-0250.6	1765	9.5	63954.8	-0205.2
1496	9.9	60150.5	-0228.2	1586	9.6	61601.4	-0216.1	1676	9.2	62914.5	-0257.5	1766	8.9	64004.0	-0215.9
1497	9.5	60217.0	-0211.7	1587	9.5	61604.4	-0251.2	1677	9.8	62928.7	-0244.9	1767	9.8	64015.5	-0205.4
1498	9.7	60246.7	-0222.7	1588	9.5	61617.4	-0251.7	1678	9.8	62930.8	-0229.7	1768	9.2	64030.9	-0212.8
1499	9.4	60250.0	-0201.6	1589	9.2	61644.1	-0220.8	1679	9.2	62934.7	-0200.9	1769	9.8	64046.3	-0250.7
1500	9.8	60326.8	-0235.3	1590	9.5	61644.9	-0200.0	1680	7.5	62947.1	-0203.6	1770	9.3	64056.4	-0246.6
1501	9.5	60328.3	-0250.6	1591	9.2	61657.1	-0253.9	1681	9.0	62948.8	-0246.4	1771	9.3	64109.1	-0202.1
1502	8.9	60331.3	-0244.8	1592	9.5	61700.3	-0247.5	1682	9.6	63007.0	-0216.3	1772	9.5	64114.5	-0255.6
1503	9.5	60334.0	-0214.0	1593	9.8	61707.6	-0241.3	1683	9.3	63007.8	-0255.0	1773	9.5	64138.0	-0217.0
1504	9.4	60334.6	-0234.5	1594	9.9	61727.0	-0216.2	1684	9.4	63008.9	-0232.4	1774	9.7	64149.6	-0242.6
1505	9.4	60339.9	-0229.5	1595	9.8	61729.1	-0240.1	1685	9.5	63010.6	-0245.0	1775	9.8	64151.0	-0226.0
1506	9.5	60410.4	-0250.2	1596	9.1	61736.8	-0253.6	1686	9.5	63023.2	-0223.9	1776	6.1	64158.2	-0206.6
1507	9.5	60424.2	-0229.9	1597	9.0	61737.3	-0256.8	1687	9.5	63038.0	-0217.7	1777	9.2	64201.0	-0229.4
1508	9.5	60424.9	-0201.5	1598	9.7	61749.1	-0218.0	1688	9.0	63042.2	-0203.7	1778	9.5	64208.9	-0258.3
1509	9.5	60503.1	-0226.7	1599	9.5	61753.8	-0201.6	1689	9.6	63059.8	-0202.6	1779	9.8	64219.0	-0206.8
1510	9.0	60513.4	-0255.7	1600	10.	61803.5	-0202.9	1690	9.2	63101.5	-0247.3	1780	9.7	64224.9	-0202.0
1511	9.5	60515.2	-0236.1	1601	7.0	61818.9	-0254.4	1691	6.4	63103.7	-0225.0	1781	9.5	64238.7	-0230.5
1512	7.0	60527.8	-0228.1	1602	9.3	61820.3	-0211.6	1692	9.9	63104.6	-0221.7	1782	9.5	64239.9	-0201.0
1513	8.5	60545.9	-0235.8	1603	9.8	61832.5	-0218.0	1693	9.0	63113.2	-0216.8	1783	8.5	64241.7	-0206.9
1514	9.0	60609.2	-0238.9	1604	9.8	61834.2	-0204.9	1694	9.3	63118.4	-0234.4	1784	9.0	64301.3	-0254.5
1515	7.9	60618.1	-0213.0	1605	8.8	61845.7	-0222.3	1695	9.2	63122.2	-0213.0	1785	9.7	64302.2	-0252.6
1516	9.3	60623.7	-0248.5	1606	9.4	61855.8	-0244.1	1696	9.5	63134.9	-0233.5	1786	9.4	64304.0	-0255.9
1517	9.3	60624.4	-0231.6	1607	9.5	61904.9	-0227.4	1697	9.8	63135.7	-0255.2	1787	9.7	64323.0	-0216.7
1518	9.7	60624.9	-0206.7	1608	9.5	61920.5	-0214.7	1698	9.5	63148.5	-0218.6	1788	9.7	64325.4	-0211.2
1519	10.	60635.6	-0242.3	1609	9.1	61929.6	-0238.5	1699	9.0	63158.8	-0254.3	1789	9.7	64325.8	-0238.7
1520	9.5	60643.0	-0257.0	1610	9.3	61946.1	-0222.5	1700	10.	63220.0	-0217.1	1790	9.7	64336.1	-0206.2
1521	9.5	60648.8	-0210.4	1611	9.5	61948.4	-0235.7	1701	9.0	63222.9	-0240.8	1791	9.8	64339.4	-0242.8
1522	9.5	60654.2	-0251.1	1612	9.6	61950.4	-0235.7	1702	9.5	63236.0	-0201.9	1792	9.7	64340.0	-0210.7
1523	9.5	60704.1	-0202.5	1613	9.0	61951.0	-0258.7	1703	9.5	63238.2	-0232.8	1793	9.5	64351.5	-0248.4
1524	10.	60707.7	-0224.5	1614	9.5	61959.5	-0257.7	1704	7.8	63248.0	-0213.8	1794	8.2	64352.3	-0246.9
1525	9.9	60715.2	-0233.1	1615	9.0	62011.6	-0221.3	1705	9.5	63251.1	-0216.5	1795	9.5	64407.9	-0210.2
1526	9.6	60719.6	-0245.4	1616	8.7	62016.7	-0207.3	1706	8.5	63258.4	-0253.3	1796	8.8	64415.9	-0251.0
1527	8.7	60730.8	-0255.7	1617	8.2	62028.9	-0234.1	1707	9.1	63304.9	-0244.8	1797	9.1	64419.0	-0228.9
1528	9.1	60803.8	-0243.3	1618	9.6	62029.8	-0231.4	1708	9.3	63325.1	-0218.7	1798	7.0	64422.6	-0213.7
1529	9.2	60819.8	-0253.2	1619	9.7	62036.0	-0224.9	1709	9.3	63333.5	-0215.8	1799	9.5	64425.7	-0219.5
1530	8.7	60829.6	-0220.5	1620	9.6	62045.7	-0226.0	1710	9.6	63342.0	-0256.9	1800	9.8	64431.8	-0258.4
1531	9.4	60834.5	-0234.2	1621	9.4	62102.0	-0214.6	1711	9.1	63347.3	-0247.1	1801	7.7	64433.0	-0200.2
1532	9.0	60835.0	-0235.2	1622	9.5	62107.1	-0218.6	1712	9.5	63349.2	-0212.5	1802	9.0	64437.3	-0206.0
1533	8.9	60840.4	-0213.8	1623	9.5	62111.7	-0252.8	1713	9.7	63349.3	-0203.3	1803	9.5	64448.5	-0228.8
1534	8.1	60852.0	-0250.6	1624	8.2	62134.2	-0225.1	1714	9.5	63401.3	-0200.9	1804	9.6	64503.2	-0236.4
1535	9.8	60903.1	-0222.3	1625	8.5	62140.4	-0235.0	1715	9.4	63403.4	-0233.2	1805	9.0	64506.4	-0210.4
1536	9.5	60904.6	-0201.3	1626	10.	62141.9	-0249.0	1716	8.0	63404.8	-0212.4	1806	8.5	64513.6	-0253.6
1537	9.4	60908.7	-0252.0	1627	9.2	62145.7	-0243.1	1717	9.5	63407.5	-0253.9	1807	9.7	64515.7	-0202.2
1538	9.7	60910.8	-0253.8	1628	9.0	62204.2	-0207.1	1718	9.5	63407.7	-0236.8	1808	8.9	64537.0	-0211.5
1539	9.5	60919.7	-0227.2	1629	9.1	62204.8	-0229.3	1719	9.5	63413.5	-0205.8	1809	8.8	64541.3	-0253.4
1540	9.1	60932.8	-0252.7	1630	9.5	62207.1	-0204.5	1720	9.2	63419.7	-0259.2	1810	9.6	64546.4	-0223.9
1541	9.1	60934.2	-0217.2	1631	8.7	62213.1	-0246.1	1721	9.3	63423.3	-0201.5	1811	9.2	64609.4	-0209.6
1542	9.0	60941.1	-0249.6	1632	9.5	62218.3	-0210.2	1722	9.4	63436.8	-0245.6	1812	9.5	64612.1	-0215.4
1543	9.4	60942.0	-0217.4	1633	9.5	62220.8	-0236.3	1723	9.6	63453.4	-0200.3	1813	9.7	64622.3	-0221.3
1544	9.6	60944.1	-0248.1	1634	9.5	62221.5	-0207.7	1724	9.8	63458.0	-0212.2	1814	9.5	64630.0	-0230.4
1545	9.5	61000.3	-0211.4	1635	9.7	62231.9	-0248.4	1725	8.7	63500.1	-0255.8	1815	9.5	64631.5	-0203.4
1546	9.4	61005.6	-0221.3	1636	9.4	62246.9	-0234.0	1726	9.2	63506.6	-0255.2	1816	8.9	64647.1	-0237.3
1547	9.4	61011.5	-0251.9	1637	9.5	62259.9	-0247.5	1727	9.5	63518.3	-0244.4	1817	9.7	64653.5	-0245.7
1548	9.5	61033.8	-0222.8	1638	9.0	62301.0	-0236.6	1728	9.2	63524.3	-0209.0	1818	9.3	64657.3	-0255.2
1549	9.5	61048.3	-0229.7	1639	7.5	62311.5	-0255.7	1729	8.8	63533.9	-0236.1	1819	9.2	64659.6	-0230.6
1550	9.3	61050.2	-0254.2	1640	9.5	62323.3	-0229.3	1730	9.2	63540.6	-0242.6	1820	9.1	64704.3	-0233.2
1551	9.4	61054.2	-0246.8	1641	9.6	62336.4	-0256.5	1731	9.5	63541.6	-0222.0	1821	9.2	64708.0	-0235.6
1552	9.2	61106.0	-0208.1	1642	9.5	62343.7	-0223.9	1732	8.5	63544.9	-0244.8	1822	9.4	64708.6	-0238.4
1553	8.7	61113.6	-0255.3	1643	9.3	62357.1	-0255.5	1733	9.1	63549.2	-0224.8	1823	9.5	64712.1	-0202.6
1554	8.6	61117.7	-0225.6	1644	9.5	62403.2	-0226.1	1734	8.5	63557.2	-0236.6	1824	9.5	64717.1	-0217.0
1555	9.5	61127.7	-0205.9	1645	9.2	62410.6	-0254.6	1735	9.5	63608.9	-0214.1	1825	9.9	64736.3	-0258.0
1556	8.7	61130.8	-0257.3	1646	9.5	62410.8	-0208.9	1736	9.8	63631.4	-0205.0	1826	9.2	64740.1	-0234.3
1557	10.	61141.9	-0235.6	1647	9.8	62431.3	-0239.1	1737	9.4	63650.0	-0217.1	1827	6.3	64744.2	-0237.0
1558	9.6	61144.5	-0237.4	1648	9.6	62435.8	-0200.6	1738	9.6	63653.4	-0233.7	1828	9.3	64746.3	-0237.4

-02 1829 6h47m

-02 2188 7h27m

1829	7.8	64752.0	-0217.9	1919	9.8	65832.7	-0232.5	2009	9.3	70746.9	-0220.7	2099	9.0	71735.9	-0221.4
1830	9.0	64801.6	-0234.9	1920	9.8	65842.5	-0253.9	2010	9.7	70802.4	-0257.1	2100	9.4	71753.6	-0209.2
1831	9.4	64807.1	-0201.0	1921	9.7	65846.3	-0214.5	2011	9.8	70821.1	-0241.3	2101	9.0	71757.5	-0251.7
1832	9.5	64810.7	-0218.8	1922	9.7	65847.9	-0222.2	2012	9.5	70824.0	-0215.6	2102	9.2	71801.9	-0216.6
1833	9.7	64829.4	-0201.4	1923	9.3	65857.2	-0206.6	2013	9.5	70829.6	-0256.4	2103	9.8	71810.4	-0201.3
1834	9.8	64844.0	-0227.8	1924	9.6	65859.2	-0210.5	2014	9.6	70831.7	-0205.8	2104	9.5	71819.8	-0257.4
1835	8.6	64845.0	-0259.6	1925	7.6	65911.7	-0253.9	2015	9.5	70832.8	-0209.3	2105	9.4	71829.6	-0225.8
1836	9.5	64847.2	-0214.3	1926	9.7	65915.3	-0239.9	2016	9.4	70836.6	-0255.0	2106	9.7	71832.6	-0200.5
1837	9.5	64851.1	-0223.0	1927	9.7	65917.9	-0224.2	2017	9.5	70841.9	-0217.6	2107	9.7	71844.8	-0200.4
1838	10.	64851.8	-0200.5	1928	9.0	65920.8	-0245.7	2018	9.5	70844.0	-0235.0	2108	9.7	71856.2	-0259.0
1839	9.8	64904.0	-0249.0	1929	8.5	65921.2	-0227.8	2019	9.4	70846.2	-0200.4	2109	10.	71903.9	-0244.4
1840	9.0	64904.4	-0200.5	1930	9.0	65927.5	-0218.6	2020	9.3	70852.8	-0200.6	2110	9.7	71905.1	-0240.6
1841	9.5	64918.0	-0258.3	1931	8.0	65933.7	-0251.6	2021	8.9	70907.5	-0244.3	2111	8.1	71917.8	-0245.8
1842	9.7	64922.2	-0249.5	1932	9.6	65937.4	-0242.8	2022	8.8	70912.7	-0259.5	2112	9.6	71918.9	-0234.2
1843	9.4	64927.8	-0239.9	1933	9.3	65941.7	-0209.0	2023	9.4	70918.0	-0245.5	2113	8.5	71921.2	-0241.8
1844	9.1	64954.5	-0217.5	1934	9.0	65952.5	-0224.6	2024	9.6	70925.3	-0237.1	2114	9.4	71952.9	-0230.3
1845	9.7	64954.8	-0202.8	1935	9.3	65956.0	-0248.7	2025	9.5	70927.8	-0210.9	2115	8.9	71957.6	-0253.5
1846	9.3	65008.0	-0203.8	1936	8.3	70000.5	-0244.6	2026	9.8	70949.9	-0244.6	2116	9.4	71959.2	-0231.2
1847	9.2	65009.5	-0245.1	1937	9.2	70016.8	-0236.3	2027	9.0	70957.1	-0229.3	2117	8.5	72002.3	-0257.1
1848	10.	65014.2	-0207.5	1938	9.5	70019.6	-0229.6	2028	8.8	71004.1	-0225.2	2118	8.7	72006.3	-0213.9
1849	9.3	65018.6	-0205.5	1939	9.2	70032.7	-0237.0	2029	9.4	71008.4	-0202.0	2119	9.4	72015.5	-0201.3
1850	9.7	65026.2	-0251.1	1940	9.3	70041.4	-0222.5	2030	8.8	71009.5	-0218.4	2120	9.5	72019.6	-0251.6
1851	9.4	65027.2	-0240.6	1941	8.4	70057.8	-0257.8	2031	9.0	71014.7	-0238.0	2121	9.4	72020.0	-0202.3
1852	9.6	65031.7	-0238.9	1942	9.7	70111.2	-0254.7	2032	9.4	71016.1	-0242.2	2122	9.3	72027.0	-0248.5
1853	9.5	65034.9	-0251.4	1943	9.4	70121.7	-0208.8	2033	9.5	71020.4	-0205.0	2123	8.4	72027.2	-0247.0
1854	9.4	65037.1	-0230.9	1944	9.6	70129.5	-0243.2	2034	9.5	71027.6	-0250.3	2124	9.5	72029.6	-0227.7
1855	9.2	65108.7	-0222.4	1945	8.8	70134.1	-0228.5	2035	9.5	71037.1	-0228.1	2125	9.0	72038.9	-0216.5
1856	7.8	65112.6	-0250.2	1946	9.6	70144.0	-0219.1	2036	9.5	71039.8	-0237.3	2126	7.0	72042.8	-0235.4
1857	9.5	65119.5	-0246.3	1947	9.3	70144.4	-0211.9	2037	10.	71041.0	-0206.4	2127	9.5	72044.3	-0256.3
1858	9.8	65119.9	-0216.1	1948	9.8	70145.3	-0211.2	2038	9.1	71044.4	-0217.5	2128	9.4	72050.3	-0258.1
1859	9.8	65122.9	-0208.5	1949	8.8	70148.3	-0256.2	2039	8.0	71047.3	-0251.3	2129	8.4	72055.0	-0248.4
1860	9.4	65124.2	-0256.4	1950	9.5	70208.2	-0233.7	2040	9.6	71109.7	-0252.0	2130	9.6	72110.4	-0221.6
1861	9.4	65143.7	-0258.1	1951	9.4	70224.6	-0202.8	2041	9.1	71110.8	-0243.2	2131	9.7	72110.4	-0200.3
1862	9.5	65152.5	-0246.4	1952	9.5	70237.0	-0216.4	2042	9.4	71114.1	-0247.1	2132	9.1	72113.6	-0252.9
1863	10.	65158.3	-0209.3	1953	9.4	70241.8	-0242.6	2043	9.8	71131.6	-0208.5	2133	9.4	72117.2	-0251.6
1864	10.	65204.4	-0203.4	1954	9.8	70256.5	-0247.7	2044	9.1	71135.3	-0210.0	2134	9.2	72121.5	-0239.4
1865	9.5	65215.1	-0232.9	1955	9.1	70257.9	-0209.1	2045	9.7	71150.0	-0218.3	2135	9.0	72125.5	-0208.7
1866	9.7	65217.2	-0221.9	1956	9.7	70258.4	-0206.3	2046	9.1	71153.7	-0214.2	2136	9.3	72131.1	-0244.6
1867	9.4	65222.8	-0200.9	1957	9.7	70303.8	-0212.8	2047	9.7	71155.0	-0215.0	2137	9.5	72131.8	-0240.3
1868	9.7	65236.6	-0251.1	1958	9.1	70306.2	-0206.8	2048	9.7	71204.2	-0206.3	2138	9.5	72138.2	-0256.9
1869	8.8	65245.1	-0243.4	1959	9.3	70308.0	-0252.3	2049	9.7	71204.8	-0202.0	2139	9.2	72145.9	-0249.1
1870	8.8	65253.3	-0239.0	1960	9.4	70312.2	-0203.9	2050	8.7	71209.4	-0217.8	2140	9.3	72150.8	-0237.0
1871	9.7	65257.3	-0218.2	1961	9.1	70321.3	-0232.6	2051	9.7	71215.1	-0249.5	2141	9.1	72158.7	-0240.2
1872	9.5	65302.5	-0246.4	1962	9.2	70322.3	-0236.2	2052	9.4	71215.4	-0257.5	2142	9.4	72159.4	-0245.6
1873	8.2	65304.2	-0213.7	1963	8.4	70334.5	-0219.6	2053	9.5	71218.5	-0245.8	2143	9.2	72200.7	-0251.0
1874	9.1	65308.5	-0248.7	1964	9.3	70334.7	-0253.2	2054	9.0	71224.8	-0235.6	2144	9.1	72212.6	-0256.1
1875	9.5	65309.4	-0208.2	1965	9.5	70336.9	-0230.5	2055	9.6	71229.8	-0235.4	2145	9.9	72225.5	-0227.1
1876	9.3	65311.6	-0246.7	1966	9.0	70337.3	-0236.5	2056	9.8	71233.5	-0219.3	2146	9.5	72231.4	-0243.1
1877	9.1	65314.7	-0251.0	1967	9.8	70340.2	-0207.6	2057	9.3	71243.3	-0211.9	2147	9.7	72256.2	-0247.2
1878	9.8	65320.6	-0236.5	1968	9.8	70344.3	-0212.5	2058	9.1	71244.6	-0226.9	2148	9.8	72258.6	-0212.8
1879	9.4	65327.4	-0225.4	1969	8.5	70357.5	-0246.2	2059	8.7	71248.9	-0240.7	2149	9.2	72300.4	-0221.9
1880	9.5	65334.5	-0244.5	1970	9.3	70359.8	-0202.7	2060	9.4	71251.5	-0247.5	2150	9.4	72301.4	-0240.0
1881	9.7	65340.9	-0251.2	1971	9.4	70418.4	-0202.9	2061	9.5	71257.2	-0232.3	2151	9.5	72339.1	-0220.1
1882	9.5	65355.4	-0207.5	1972	9.5	70422.0	-0243.1	2062	9.8	71301.6	-0224.9	2152	9.4	72343.1	-0229.7
1883	9.1	65401.6	-0233.0	1973	9.5	70430.7	-0202.2	2063	9.5	71331.0	-0243.4	2153	9.4	72343.8	-0236.5
1884	9.3	65405.3	-0255.8	1974	8.8	70442.5	-0247.8	2064	9.1	71347.4	-0259.8	2154	9.8	72350.6	-0207.3
1885	8.0	65411.7	-0254.7	1975	9.8	70444.3	-0229.5	2065	9.2	71348.3	-0209.5	2155	9.3	72354.9	-0214.7
1886	9.0	65411.7	-0254.5	1976	8.3	70458.3	-0246.7	2066	9.0	71349.6	-0207.9	2156	9.1	72356.9	-0207.4
1887	9.6	65421.2	-0255.9	1977	9.8	70501.9	-0211.8	2067	9.5	71350.4	-0200.4	2157	10.	72405.0	-0215.2
1888	9.8	65423.0	-0249.2	1978	9.7	70504.3	-0252.2	2068	8.7	71357.6	-0224.7	2158	9.2	72410.3	-0257.0
1889	9.8	65447.0	-0256.8	1979	9.4	70506.6	-0214.2	2069	9.1	71359.4	-0217.8	2159	9.5	72410.8	-0219.3
1890	9.6	65449.1	-0217.9	1980	8.2	70507.1	-0219.8	2070	9.5	71401.3	-0215.6	2160	9.1	72424.2	-0225.3
1891	9.8	65449.2	-0207.3	1981	8.5	70517.4	-0218.8	2071	9.5	71404.7	-0200.1	2161	9.2	72424.9	-0238.2
1892	9.7	65506.5	-0252.6	1982	8.3	70518.0	-0242.8	2072	9.5	71408.4	-0201.2	2162	9.5	72433.7	-0251.5
1893	9.5	65517.0	-0211.1	1983	9.2	70519.1	-0209.3	2073	9.5	71422.2	-0231.4	2163	8.8	72452.6	-0254.4
1894	9.8	65531.6	-0232.8	1984	9.4	70522.0	-0221.1	2074	9.2	71438.2	-0245.8	2164	9.4	72503.4	-0259.3
1895	9.8	65550.6	-0255.0	1985	9.7	70523.3	-0252.4	2075	9.3	71439.3	-0254.6	2165	9.7	72508.6	-0250.3
1896	9.2	65551.9	-0257.3	1986	9.2	70525.7	-0205.7	2076	9.5	71446.1	-0226.7	2166	9.7	72510.1	-0229.0
1897	9.4	65553.8	-0203.4	1987	8.2	70527.0	-0256.2	2077	9.0	71451.7	-0231.3	2167	8.8	72519.5	-0227.1
1898	9.3	65606.2	-0232.2	1988	10.	70534.2	-0229.9	2078	9.7	71500.6	-0249.2	2168	9.5	72523.3	-0240.5
1899	8.0	65609.5	-0249.0	1989	9.5	70535.8	-0225.1	2079	6.5	71502.4	-0242.4	2169	9.8	72526.6	-0248.7
1900	8.3	65619.1	-0215.8	1990	9.8	70539.3	-0243.9	2080	9.1	71502.8	-0239.6	2170	9.5	72538.2	-0209.4
1901	9.5	65619.6	-0236.5	1991	9.8	70546.4	-0241.1	2081	9.7	71506.1	-0259.3	2171	9.6	72541.1	-0200.3
1902	9.8	65620.0	-0219.6	1992	9.2	70546.7	-0207.5	2082	9.7	71520.2	-0252.3	2172	9.5	72555.9	-0223.3
1903	9.1	65633.0	-0202.5	1993	9.3	70551.8	-0244.9	2083	9.4	71535.2	-0210.2	2173	10.	72609.5	-0250.3
1904	9.1	65643.0	-0210.0	1994	9.3	70554.0	-0202.8	2084	9.4	71544.5	-0223.1	2174	9.1	72610.2	-0231.5
1905	9.5	65647.5	-0204.2	1995	9.4	70554.2	-0204.1	2085	9.8	71552.6	-0201.6	2175	9.8	72613.9	-0220.3
1906	9.5	65653.9	-0216.0	1996	9.1	70558.1	-0224.0	2086	9.3	71606.1	-0228.5	2176	9.6	72621.7	-0233.2
1907	9.8	65658.3	-0231.3	1997	9.3	70603.2	-0213.5	2087	9.0	71610.2	-0219.0	2177	9.1	72640.0	-0222.8
1908	8.6	65705.0	-0250.6	1998	9.8	70613.7	-0208.9	2088	9.8	71612.6	-0218.6	2178	9.0	72645.7	-0231.3
1909	9.7	65708.4	-0238.8	1999	9.8	70619.5	-0249.5	2089	9.2	71615.7	-0233.1	2179	9.1	72653.4	-0237.9
1910	9.6	65709.2	-0239.8	2000	9.7	70620.3	-0235.5	2090	9.5	71641.5	-0209.9	2180	9.0	72657.3	-0256.1
1911	9.8	65710.7	-0205.7	2001	9.0	70638.4	-0239.9	2091	9.8	71645.0	-0240.9	2181	9.1	72704.6	-0253.6
1912	10.	65721.7	-0259.1	2002	9.4	70655.4	-0202.3	2092	8.8	71657.6	-0218.7	2182	9.0	72713.0	-0201.4
1913	9.8	65723.0	-0246.6	2003	9.2	70657.5	-0204.3	2093	9.8	71659.5	-0210.0	2183	9.1	72716.8	-0217.1
1914	9.5	65730.1	-0257.3	2004	9.6	70706.0	-0219.6	2094	9.1	71700.6	-0233.8	2184	9.5	72720.1	-0204.2
1915	10.	65743.7	-0212.3	2005	9.8	70724.9	-0216.9	2095	9.5	71714.7	-0254.8	2185	9.2	72728.6	-0253.3
1916	10.	65749.0	-0229.1	2006	9.3	70734.2	-0210.0	2096	9.5	71719.6	-0249.9	2186	9.5	72737.9	-0238.1
1917	9.5	65804.6	-0206.8	2007	9.0	70743.3	-0254.2	2097	9.4	71732.1	-0226.0	2187	9.4	72739.6	-0253.1
1918	9.6	65830.0	-0256.9	2008	8.0	70744.7	-0234.3	2098	9.3	71733.6	-0250.5	2188	8.8	72742.5	-0201.5

2189	9.7	72800.6	-0253.1	2279	9.6	73841.7	-0251.4	2369	9.5	75142.2	-0230.1	2459	9.5	80221.7	-0218.7
2190	10.	72803.1	-0250.0	2280	9.5	73848.6	-0248.0	2370	9.5	75159.0	-0216.7	2460	9.2	80225.4	-0217.8
2191	9.8	72804.9	-0250.6	2281	9.5	73854.7	-0244.8	2371	9.5	75203.1	-0245.4	2461	9.1	80225.6	-0233.3
2192	8.9	72820.5	-0247.3	2282	9.1	73907.1	-0206.6	2372	9.0	75211.4	-0252.8	2462	9.5	80235.3	-0216.1
2193	9.8	72836.3	-0225.8	2283	9.5	73909.1	-0254.9	2373	9.8	75233.9	-0258.7	2463	9.0	80237.6	-0231.0
2194	9.8	72837.3	-0227.1	2284	9.4	73913.7	-0212.6	2374	9.5	75234.9	-0228.7	2464	9.1	80254.0	-0202.4
2195	9.8	72840.2	-0230.5	2285	9.5	73920.9	-0219.5	2375	9.1	75248.2	-0226.7	2465	8.7	80258.2	-0250.5
2196	9.0	72847.0	-0240.5	2286	8.9	73926.6	-0249.3	2376	8.9	75302.4	-0250.7	2466	9.4	80311.4	-0252.7
2197	7.4	72848.3	-0250.2	2287	9.2	73927.9	-0259.3	2377	9.5	75322.0	-0238.1	2467	9.1	80312.0	-0210.4
2198	9.5	72850.5	-0247.2	2288	9.6	73937.5	-0221.5	2378	9.1	75324.5	-0217.9	2468	9.3	80316.0	-0201.5
2199	9.5	72905.7	-0231.9	2289	9.5	73942.5	-0247.4	2379	6.8	75326.8	-0228.8	2469	9.5	80322.5	-0242.1
2200	9.2	72916.9	-0251.6	2290	9.7	74001.1	-0255.7	2380	8.8	75408.7	-0247.6	2470	9.5	80346.4	-0231.0
2201	9.0	72919.3	-0254.2	2291	9.5	74026.8	-0241.0	2381	9.5	75409.2	-0228.2	2471	9.0	80356.7	-0232.5
2202	9.5	72920.1	-0208.4	2292	10.	74032.4	-0217.8	2382	9.8	75428.4	-0240.6	2472	8.5	80359.7	-0210.4
2203	9.7	72943.1	-0243.1	2293	9.9	74035.9	-0217.5	2383	8.2	75444.9	-0234.8	2473	9.5	80403.8	-0228.2
2204	9.8	72946.4	-0248.4	2294	9.5	74038.3	-0230.6	2384	8.7	75450.1	-0223.0	2474	9.3	80425.1	-0203.5
2205	9.7	72956.3	-0236.7	2295	9.8	74043.6	-0251.5	2385	9.7	75505.3	-0230.4	2475	9.0	80433.1	-0227.9
2206	8.8	73003.7	-0251.6	2296	9.0	74044.4	-0214.6	2386	9.7	75506.8	-0232.5	2476	8.8	80436.5	-0255.8
2207	7.8	73031.9	-0216.5	2297	9.4	74045.4	-0235.6	2387	9.8	75508.5	-0207.0	2477	9.5	80455.2	-0257.0
2208	8.4	73038.6	-0257.1	2298	8.7	74051.3	-0236.7	2388	8.2	75519.5	-0252.0	2478	9.4	80522.0	-0202.2
2209	9.2	73044.5	-0201.3	2299	9.5	74107.2	-0208.4	2389	9.8	75520.2	-0231.5	2479	9.5	80524.3	-0246.1
2210	9.1	73045.2	-0231.4	2300	9.3	74117.2	-0242.8	2390	9.0	75520.7	-0215.8	2480	8.5	80528.3	-0211.8
2211	9.5	73052.8	-0259.1	2301	8.6	74142.7	-0231.0	2391	9.5	75536.8	-0218.1	2481	9.8	80541.7	-0250.9
2212	9.3	73102.7	-0222.7	2302	8.4	74147.8	-0255.0	2392	9.4	75538.7	-0235.3	2482	8.7	80544.0	-0202.2
2213	9.5	73109.3	-0237.1	2303	10.	74210.9	-0256.3	2393	9.1	75540.8	-0226.7	2483	9.0	80548.6	-0228.6
2214	9.2	73114.7	-0251.5	2304	9.3	74216.1	-0204.3	2394	8.3	75542.0	-0219.5	2484	9.9	80621.9	-0248.9
2215	9.6	73118.1	-0209.7	2305	9.0	74220.6	-0256.7	2395	9.5	75547.8	-0231.1	2485	9.0	80623.9	-0244.9
2216	9.5	73119.7	-0231.7	2306	8.0	74237.9	-0219.7	2396	9.4	75556.1	-0241.1	2486	9.8	80630.1	-0243.0
2217	9.6	73127.4	-0218.4	2307	8.2	74253.4	-0219.2	2397	9.5	75604.4	-0234.9	2487	10.	80630.7	-0210.6
2218	9.7	73131.3	-0238.0	2308	9.5	74302.1	-0204.0	2398	9.4	75621.4	-0249.7	2488	9.5	80653.2	-0207.9
2219	9.4	73133.0	-0227.0	2309	9.1	74308.4	-0247.5	2399	8.9	75621.7	-0243.6	2489	9.1	80654.5	-0225.8
2220	9.4	73145.4	-0219.9	2310	9.5	74315.7	-0229.6	2400	9.0	75623.9	-0231.5	2490	9.2	80717.8	-0235.5
2221	9.1	73147.4	-0219.3	2311	8.5	74321.1	-0257.3	2401	9.2	75628.6	-0222.8	2491	9.5	80723.0	-0223.5
2222	9.8	73149.8	-0258.4	2312	9.5	74330.5	-0247.6	2402	9.1	75631.0	-0233.0	2492	9.9	80726.5	-0205.9
2223	9.6	73205.7	-0248.7	2313	9.5	74331.9	-0217.6	2403	9.5	75646.8	-0210.4	2493	9.8	80743.8	-0215.5
2224	10.	73205.8	-0249.8	2314	9.5	74333.0	-0229.7	2404	9.8	75646.9	-0258.7	2494	9.5	80758.7	-0211.2
2225	9.5	73219.8	-0236.2	2315	8.3	74333.6	-0207.8	2405	9.2	75653.6	-0255.5	2495	8.8	80759.8	-0223.5
2226	10.	73220.2	-0211.7	2316	8.3	74342.4	-0245.5	2406	9.0	75656.3	-0259.1	2496	9.6	80806.4	-0200.8
2227	9.7	73232.4	-0203.1	2317	8.9	74426.5	-0225.7	2407	8.5	75706.4	-0210.9	2497	9.8	80807.6	-0258.0
2228	9.3	73234.0	-0246.1	2318	9.8	74431.1	-0229.2	2408	9.5	75707.9	-0212.2	2498	9.0	80819.5	-0240.3
2229	10.	73237.3	-0243.4	2319	9.7	74433.1	-0256.6	2409	9.1	75717.8	-0252.4	2499	9.2	80829.5	-0255.5
2230	9.9	73237.3	-0232.7	2320	9.5	74445.2	-0247.3	2410	9.4	75718.5	-0254.2	2500	9.5	80832.0	-0207.8
2231	9.7	73238.8	-0238.1	2321	9.5	74449.2	-0233.1	2411	9.5	75723.2	-0241.1	2501	9.8	80848.5	-0227.6
2232	8.9	73243.7	-0213.0	2322	6.7	74451.4	-0241.1	2412	8.7	75725.1	-0224.4	2502	9.6	80851.8	-0227.3
2233	9.7	73251.8	-0214.4	2323	9.8	74453.5	-0201.4	2413	9.0	75734.9	-0231.6	2503	8.8	80907.6	-0226.6
2234	9.4	73314.5	-0207.1	2324	9.0	74513.0	-0245.1	2414	9.3	75742.4	-0259.8	2504	7.0	80909.4	-0247.0
2235	8.5	73345.4	-0220.8	2325	7.8	74516.4	-0215.2	2415	9.0	75749.0	-0216.6	2505	9.2	80922.0	-0201.8
2236	9.2	73346.1	-0207.4	2326	9.6	74532.6	-0249.1	2416	9.8	75753.6	-0246.4	2506	9.2	80943.5	-0200.7
2237	9.8	73347.2	-0258.5	2327	9.5	74536.6	-0254.2	2417	9.5	75801.9	-0235.1	2507	9.5	80947.5	-0242.4
2238	9.5	73352.0	-0227.0	2328	9.5	74543.6	-0228.5	2418	9.0	75804.0	-0218.9	2508	9.6	80948.0	-0227.0
2239	9.4	73354.9	-0251.4	2329	9.3	74550.1	-0220.9	2419	9.5	75807.6	-0201.0	2509	6.3	80952.4	-0256.1
2240	9.2	73356.0	-0222.5	2330	9.4	74550.6	-0205.7	2420	9.5	75813.6	-0222.2	2510	9.0	80953.8	-0224.4
2241	9.6	73403.0	-0256.7	2331	8.8	74602.3	-0240.0	2421	9.2	75817.4	-0254.8	2511	8.5	80955.5	-0246.5
2242	9.3	73415.6	-0239.7	2332	9.5	74608.8	-0215.5	2422	9.8	75837.0	-0257.6	2512	7.3	81011.7	-0239.4
2243	9.6	73426.2	-0214.3	2333	9.8	74619.9	-0241.2	2423	9.5	75844.7	-0232.2	2513	9.0	81015.6	-0217.4
2244	9.5	73429.2	-0218.9	2334	9.8	74620.0	-0255.7	2424	8.5	75848.6	-0222.0	2514	9.4	81020.1	-0230.5
2245	9.7	73442.1	-0256.4	2335	9.6	74628.9	-0212.9	2425	9.4	75853.5	-0250.5	2515	9.0	81054.2	-0231.1
2246	9.8	73442.6	-0251.1	2336	9.7	74645.8	-0216.8	2426	9.6	75910.3	-0249.3	2516	9.6	81059.5	-0208.6
2247	9.5	73502.9	-0218.0	2337	9.3	74653.5	-0226.8	2427	9.4	75911.2	-0233.5	2517	9.6	81104.7	-0240.5
2248	9.4	73504.0	-0252.4	2338	9.5	74655.5	-0200.9	2428	9.5	75919.6	-0238.8	2518	9.7	81110.7	-0213.3
2249	9.4	73511.2	-0233.5	2339	9.5	74705.6	-0205.4	2429	9.7	75928.6	-0243.8	2519	9.7	81113.0	-0210.5
2250	9.3	73513.3	-0252.0	2340	9.5	74711.2	-0233.4	2430	8.8	75936.9	-0233.7	2520	9.5	81119.1	-0230.0
2251	8.2	73521.0	-0220.7	2341	7.2	74715.9	-0225.3	2431	9.5	75941.4	-0213.9	2521	10.	81122.6	-0243.6
2252	8.9	73523.5	-0243.2	2342	8.7	74717.7	-0234.7	2432	9.5	75947.7	-0250.5	2522	8.6	81123.8	-0205.2
2253	9.5	73535.8	-0237.9	2343	9.5	74730.6	-0224.9	2433	9.5	75958.0	-0216.1	2523	9.8	81125.2	-0218.4
2254	9.0	73541.6	-0227.2	2344	9.6	74741.2	-0251.6	2434	9.1	75958.2	-0243.4	2524	9.8	81126.7	-0231.1
2255	9.5	73546.0	-0201.7	2345	9.5	74753.2	-0228.7	2435	8.8	75959.3	-0257.2	2525	9.0	81138.1	-0224.7
2256	9.9	73606.9	-0220.8	2346	9.8	74758.0	-0231.5	2436	9.0	80004.9	-0243.1	2526	9.6	81140.0	-0253.2
2257	9.4	73611.6	-0228.9	2347	9.7	74801.5	-0201.9	2437	7.0	80025.3	-0259.5	2527	9.9	81205.0	-0214.5
2258	9.9	73632.4	-0259.8	2348	9.5	74810.8	-0219.0	2438	9.5	80026.4	-0231.7	2528	9.1	81244.2	-0247.0
2259	9.5	73633.9	-0217.5	2349	9.5	74819.2	-0229.6	2439	9.3	80027.9	-0233.7	2529	8.7	81245.5	-0220.1
2260	9.4	73634.5	-0203.7	2350	8.5	74825.8	-0254.4	2440	9.7	80037.5	-0253.4	2530	9.6	81301.2	-0212.0
2261	9.5	73636.3	-0236.5	2351	9.5	74826.9	-0245.0	2441	9.5	80051.0	-0216.8	2531	8.7	81305.2	-0210.7
2262	9.3	73652.1	-0226.5	2352	9.1	74843.9	-0257.4	2442	9.5	80052.4	-0208.9	2532	9.5	81307.8	-0238.6
2263	8.0	73655.4	-0254.5	2353	10.	74919.3	-0209.5	2443	9.7	80053.6	-0247.6	2533	9.6	81330.7	-0226.5
2264	9.5	73659.0	-0200.4	2354	10.	74920.1	-0211.9	2444	9.6	80055.9	-0204.3	2534	9.2	81336.3	-0239.7
2265	9.0	73707.1	-0240.8	2355	9.6	74924.7	-0250.9	2445	9.9	80058.8	-0233.1	2535	9.0	81352.8	-0252.5
2266	9.4	73732.7	-0206.6	2356	9.5	74935.5	-0241.2	2446	9.3	80101.9	-0236.2	2536	9.4	81409.4	-0249.1
2267	9.4	73734.0	-0225.1	2357	8.8	74945.8	-0209.0	2447	9.0	80109.2	-0206.8	2537	9.5	81413.9	-0220.7
2268	9.2	73740.0	-0201.2	2358	9.2	75002.8	-0223.5	2448	9.6	80113.3	-0256.5	2538	9.1	81416.4	-0221.8
2269	9.8	73744.9	-0243.7	2359	8.9	75003.5	-0257.2	2449	9.0	80114.4	-0234.2	2539	8.9	81421.2	-0241.2
2270	9.5	73758.5	-0200.3	2360	7.8	75010.4	-0233.5	2450	4.8	80118.8	-0233.6	2540	10.	81429.8	-0228.7
2271	9.5	73806.9	-0245.9	2361	9.8	75014.3	-0249.7	2451	9.9	80120.0	-0233.6	2541	9.4	81432.6	-0242.1
2272	9.7	73813.5	-0246.1	2362	9.8	75015.3	-0259.9	2452	9.8	80130.0	-0232.4	2542	8.8	81434.1	-0228.2
2273	9.8	73819.7	-0234.2	2363	9.0	75053.4	-0210.8	2453	9.2	80132.1	-0247.7	2543	9.3	81439.3	-0216.8
2274	9.5	73823.2	-0207.0	2364	9.6	75108.0	-0234.8	2454	9.0	80139.5	-0259.4	2544	9.4	81443.3	0238.0
2275	9.5	73824.3	-0213.5	2365	9.4	75112.3	-0254.5	2455	9.7	80143.8	-0233.7	2545	9.5	81529.1	-0203.6
2276	9.1	73825.0	-0221.5	2366	9.8	75122.4	-0254.1	2456	9.8	80151.3	-0248.2	2546	8.0	81536.6	-0229.8
2277	9.1	73826.2	-0234.4	2367	9.0	75133.3	-0231.3	2457	9.5	80159.6	-0222.0	2547	9.5	81541.3	-0248.6
2278	9.5	73841.1	-0203.4	2368	9.5	75133.9	-0209.0	2458	9.5	80215.1	-0238.7	2548	9.8	81556.8	0215.6

-02 2549 8h16m -02 2908 9h22m

2549	9.8	81600.0	-0213.2	2639	9.8	83041.2	-0249.2	2729	10.	84709.2	-0218.3	2819	9.8	90645.1	-0222.6
2550	9.4	81606.4	-0248.7	2640	9.4	83045.3	-0258.9	2730	9.9	84728.3	-0208.2	2820	9.3	90653.5	-0207.4
2551	9.2	81606.7	-0213.9	2641	9.3	83057.9	-0218.9	2731	10.	84732.2	-0211.5	2821	9.8	90703.4	-0241.1
2552	9.2	81615.1	-0228.9	2642	9.5	83102.8	-0216.4	2732	9.9	84752.4	-0216.0	2822	9.5	90704.4	-0245.1
2553	8.8	81616.8	-0244.9	2643	9.4	83119.6	-0253.3	2733	10.	84753.2	-0242.5	2823	9.1	90706.5	-0219.4
2554	9.4	81625.1	-0226.6	2644	9.8	83127.4	-0254.0	2734	9.1	84758.9	-0211.7	2824	9.0	90715.9	-0254.8
2555	9.5	81628.5	-0252.6	2645	9.1	83133.9	-0239.2	2735	6.9	84804.2	-0235.7	2825	9.8	90735.0	-0209.0
2556	9.6	81634.6	-0216.8	2646	9.1	83140.9	-0250.1	2736	9.8	84817.7	-0218.7	2826	8.8	90735.4	-0228.7
2557	8.2	81642.1	-0229.4	2647	8.6	83147.7	-0231.7	2737	7.0	84820.8	-0214.2	2827	10.	90847.7	-0240.3
2558	9.5	81643.1	-0242.7	2648	9.6	83222.0	-0251.0	2738	9.7	84826.7	-0248.6	2828	9.8	90852.0	-0205.2
2559	8.7	81703.7	-0241.2	2649	9.4	83232.7	-0254.6	2739	9.3	84853.8	-0214.6	2829	8.3	90914.6	-0205.2
2560	9.1	81707.6	-0250.0	2650	9.8	83244.9	-0212.9	2740	9.4	84856.6	-0227.4	2830	9.0	90944.9	-0255.5
2561	8.8	81734.8	-0256.9	2651	9.5	83313.1	-0208.2	2741	9.5	84857.6	-0229.2	2831	9.4	90946.5	-0243.4
2562	9.5	81744.5	-0224.6	2652	8.9	83322.7	-0213.3	2742	9.3	84910.3	-0237.9	2832	9.5	90948.4	-0226.6
2563	9.3	81756.7	-0209.0	2653	9.3	83340.0	-0233.5	2743	9.7	84925.0	-0252.8	2833	9.0	90951.9	-0256.4
2564	9.5	81805.9	-0244.2	2654	9.0	83341.1	-0205.3	2744	9.4	84941.9	-0217.4	2834	9.4	91021.2	-0256.8
2565	8.6	81813.9	-0238.8	2655	9.9	83350.5	-0250.8	2745	9.2	84943.8	-0214.2	2835	9.3	91021.5	-0220.7
2566	9.0	81833.6	-0230.9	2656	9.5	83407.6	-0227.5	2746	9.1	84959.9	-0217.9	2836	9.4	91033.0	-0208.5
2567	9.4	81838.3	-0252.6	2657	9.1	83426.8	-0215.2	2747	9.5	85012.9	-0215.5	2837	9.3	91033.9	-0257.1
2568	9.6	81846.0	-0240.4	2658	9.8	83431.7	-0256.9	2748	9.7	85014.7	-0238.9	2838	8.2	91036.7	-0246.7
2569	10.	81848.6	-0249.5	2659	7.5	83451.4	-0232.1	2749	9.4	85031.2	-0231.8	2839	9.6	91115.6	-0230.5
2570	9.4	81906.5	-0244.7	2660	9.4	83455.2	-0211.2	2750	9.1	85034.5	-0222.8	2840	8.8	91131.9	-0232.4
2571	9.5	81908.7	-0235.2	2661	9.7	83500.2	-0240.0	2751	9.5	85041.6	-0214.3	2841	9.7	91137.0	-0243.5
2572	8.2	81909.8	-0215.8	2662	9.7	83521.6	-0254.9	2752	8.5	85046.7	-0234.5	2842	9.5	91149.5	-0214.3
2573	9.4	81919.2	-0231.4	2663	9.5	83526.5	-0244.6	2753	9.7	85054.9	-0219.4	2843	9.3	91214.7	-0239.5
2574	9.5	81926.6	-0207.9	2664	9.1	83531.0	-0239.4	2754	9.4	85100.2	-0247.0	2844	9.6	91234.5	-0212.3
2575	9.6	81935.0	-0215.2	2665	9.5	83536.5	-0201.9	2755	9.9	85114.7	-0215.6	2845	10.	91258.5	-0210.4
2576	9.0	81956.4	-0258.0	2666	8.4	83537.7	-0210.0	2756	9.5	85136.2	-0214.6	2846	9.5	91305.9	-0251.4
2577	8.8	82010.7	-0235.0	2667	10.	83600.3	-0208.9	2757	9.5	85200.1	-0206.8	2847	9.5	91308.4	-0241.5
2578	9.5	82037.9	-0223.9	2668	9.5	83604.2	-0235.5	2758	8.8	85207.0	-0225.7	2848	9.6	91317.5	-0234.6
2579	9.3	82050.4	-0229.4	2669	10.	83605.7	-0205.1	2759	9.8	85218.6	-0252.2	2849	9.2	91333.8	-0248.7
2580	9.1	82052.5	-0245.6	2670	10.	83611.4	-0202.0	2760	9.7	85223.6	-0250.8	2850	9.5	91336.4	-0204.0
2581	7.0	82108.5	-0202.8	2671	9.3	83639.4	-0242.5	2761	9.6	85227.5	-0225.7	2851	8.8	91341.5	-0221.2
2582	9.8	82122.3	-0242.8	2672	9.7	83656.8	-0249.4	2762	9.4	85232.3	-0201.4	2852	8.8	91343.1	-0256.3
2583	9.5	82123.5	-0205.1	2673	9.5	83723.8	-0237.4	2763	9.5	85312.0	-0204.0	2853	8.8	91343.4	-0211.2
2584	9.1	82132.1	-0257.5	2674	8.3	83736.2	-0226.6	2764	9.6	85327.6	-0237.8	2854	9.7	91351.8	-0229.8
2585	9.5	82140.2	-0219.2	2675	9.7	83739.8	-0206.3	2765	9.0	85402.8	-0214.9	2855	10.	91356.5	-0242.2
2586	9.8	82156.8	-0212.5	2676	6.9	83800.8	-0205.4	2766	7.7	85405.2	-0247.7	2856	9.8	91400.0	-0235.8
2587	9.4	82206.7	-0230.9	2677	8.9	83840.9	-0246.4	2767	9.4	85423.8	-0243.3	2857	9.5	91410.6	-0205.1
2588	9.5	82217.1	-0230.4	2678	10.	83900.3	-0208.9	2768	9.0	85428.8	-0214.1	2858	9.3	91422.1	-0246.4
2589	8.8	82223.7	-0240.2	2679	10.	83903.7	-0206.7	2769	9.3	85441.7	-0256.8	2859	7.2	91425.0	-0210.1
2590	9.2	82228.1	-0244.6	2680	8.3	83911.0	-0242.2	2770	9.0	85445.1	-0204.2	2860	8.8	91429.2	-0255.2
2591	9.8	82236.0	-0206.1	2681	9.8	83923.9	-0204.6	2771	9.0	85452.9	-0251.3	2861	9.8	91434.0	-0241.5
2592	9.6	82253.0	-0253.0	2682	9.0	83942.2	-0203.9	2772	8.2	85455.4	-0221.6	2862	9.2	91434.2	-0256.2
2593	9.5	82254.7	-0253.6	2683	10.	83952.9	-0229.1	2773	9.4	85501.0	-0239.5	2863	8.5	91436.4	-0211.1
2594	9.7	82317.2	-0253.8	2684	9.7	84003.9	-0208.4	2774	9.2	85523.4	-0223.4	2864	9.2	91439.1	-0240.8
2595	8.5	82401.4	-0202.2	2685	9.6	84005.7	-0234.2	2775	9.8	85529.0	-0246.9	2865	9.8	91447.1	-0227.5
2596	9.5	82404.3	-0230.5	2686	9.6	84008.3	-0219.0	2776	8.9	85540.7	-0242.5	2866	9.1	91452.0	-0231.5
2597	9.8	82404.6	-0243.1	2687	9.9	84030.2	-0232.6	2777	9.5	85548.1	-0201.2	2867	9.5	91508.6	-0242.5
2598	10.	82410.2	-0247.4	2688	9.5	84032.8	-0221.1	2778	10.	85551.3	-0236.1	2868	9.8	91512.4	-0224.9
2599	9.6	82420.3	-0233.1	2689	9.6	84034.1	-0253.3	2779	9.9	85552.3	-0240.1	2869	9.8	91521.4	-0231.7
2600	9.3	82443.9	-0218.4	2690	8.9	84045.6	-0239.5	2780	8.9	85610.8	-0247.5	2870	9.1	91521.9	-0253.7
2601	9.6	82445.6	-0224.9	2691	9.5	84047.4	-0214.1	2781	10.	85629.3	-0258.3	2871	9.4	91555.0	-0200.8
2602	9.1	82450.7	-0253.4	2692	9.8	84052.6	-0232.1	2782	8.9	85650.0	-0224.7	2872	9.6	91609.0	-0227.2
2603	9.4	82454.1	-0231.3	2693	9.2	84125.3	-0239.6	2783	9.1	85651.3	-0218.2	2873	9.2	91646.4	-0243.4
2604	9.0	82503.6	-0210.1	2694	9.7	84146.7	-0239.6	2784	9.8	85655.6	-0244.9	2874	9.8	91741.9	-0257.1
2605	9.1	82509.4	-0258.0	2695	9.0	84147.5	-0222.4	2785	9.6	85708.9	-0241.4	2875	9.8	91746.7	-0231.2
2606	9.5	82513.7	-0253.7	2696	9.0	84149.2	-0235.3	2786	9.3	85805.1	-0203.2	2876	8.9	91756.4	-0202.0
2607	9.3	82515.3	-0203.6	2697	9.6	84157.5	-0245.9	2787	10.	85827.6	-0251.3	2877	8.2	91812.7	-0247.6
2608	7.5	82520.7	-0241.5	2698	9.4	84158.7	-0234.6	2788	9.8	85832.8	-0223.6	2878	9.1	91814.1	-0258.0
2609	9.5	82527.6	-0209.2	2699	5.7	84204.0	-0254.6	2789	9.4	85845.2	-0233.9	2879	9.8	91833.4	-0253.8
2610	9.3	82536.9	-0218.4	2700	9.5	84222.8	-0211.6	2790	8.8	85902.9	-0221.1	2880	9.3	91834.6	-0241.1
2611	9.4	82548.7	-0242.4	2701	9.5	84230.9	-0219.1	2791	7.7	85910.1	-0201.5	2881	9.9	91836.9	-0239.8
2612	9.1	82558.0	-0259.4	2702	8.5	84232.3	-0238.2	2792	10.	85928.7	-0238.2	2882	9.8	91909.6	-0217.5
2613	7.9	82613.0	-0229.4	2703	9.5	84243.2	-0249.4	2793	9.4	85950.0	-0254.3	2883	9.0	91921.1	-0245.1
2614	9.4	82627.1	-0243.8	2704	9.4	84245.6	-0252.2	2794	8.8	90011.8	-0230.2	2884	9.5	91926.4	-0230.2
2615	8.3	82700.4	-0246.5	2705	9.8	84251.5	-0226.1	2795	9.6	90015.2	-0234.5	2885	8.6	91932.8	-0236.9
2616	8.4	82708.2	-0213.6	2706	8.1	84256.3	-0212.1	2796	10.	90024.0	-0240.0	2886	10.	91933.7	-0213.1
2617	9.7	82710.1	-0257.8	2707	8.9	84315.9	-0218.7	2797	10.	90049.5	-0259.5	2887	9.8	91948.0	-0207.2
2618	8.0	82717.8	-0215.4	2708	9.2	84325.2	-0247.8	2798	10.	90108.2	-0235.3	2888	9.6	91950.5	-0210.1
2619	8.7	82737.3	-0230.1	2709	8.9	84327.4	-0257.4	2799	9.5	90131.5	-0203.4	2889	9.2	91953.3	-0213.7
2620	9.2	82751.9	-0209.7	2710	9.8	84344.8	-0255.5	2800	10.	90142.9	-0257.2	2890	9.5	91958.7	-0252.3
2621	9.8	82759.3	-0216.2	2711	9.7	84346.5	-0241.9	2801	9.4	90156.4	-0256.6	2891	9.0	92001.0	-0214.4
2622	9.8	82759.5	-0234.2	2712	9.8	84348.2	-0232.6	2802	9.1	90222.1	-0259.3	2892	9.5	92017.0	-0203.9
2623	9.1	82812.2	-0212.5	2713	9.4	84405.5	-0201.5	2803	10.	90254.6	-0230.8	2893	9.6	92044.4	-0249.6
2624	9.5	82819.3	-0248.3	2714	8.1	84419.8	-0244.4	2804	9.1	90301.2	-0232.3	2894	9.5	92056.9	-0211.5
2625	9.8	82848.6	-0227.9	2715	10.	84421.9	-0214.7	2805	7.7	90313.6	-0250.3	2895	9.6	92059.1	-0256.0
2626	10.	82856.5	-0244.4	2716	9.4	84431.8	-0259.4	2806	9.2	90359.2	-0234.9	2896	10.	92110.2	-0204.8
2627	9.1	82857.7	-0208.6	2717	9.8	84434.1	-0205.5	2807	9.5	90400.4	-0243.3	2897	9.8	92112.0	-0221.7
2628	9.4	82910.5	-0236.0	2718	9.5	84500.0	-0207.6	2808	8.3	90427.1	-0233.2	2898	9.0	92125.7	-0230.4
2629	9.5	82916.1	-0206.2	2719	9.8	84500.5	-0229.6	2809	9.5	90446.5	-0247.0	2899	9.3	92143.5	-0254.5
2630	9.5	82916.9	-0202.2	2720	9.1	84510.2	-0243.5	2810	9.1	90449.0	-0255.6	2900	9.2	92146.4	-0231.7
2631	9.4	82940.2	-0235.2	2721	9.8	84523.0	-0230.1	2811	9.4	90459.4	-0201.1	2901	5.0	92147.9	-0207.4
2632	9.0	82943.6	-0230.0	2722	10.	84524.0	-0226.9	2812	9.0	90506.5	-0223.8	2902	8.3	92149.2	-0207.0
2633	9.8	82951.0	-0203.6	2723	9.4	84526.1	-0205.6	2813	9.9	90510.8	-0247.0	2903	9.4	92152.9	-0223.5
2634	9.8	82955.3	-0252.0	2724	9.0	84537.0	-0253.2	2814	7.5	90521.8	-0226.4	2904	7.3	92159.4	-0231.9
2635	9.3	82958.8	-0248.3	2725	9.1	84602.9	-0244.8	2815	9.7	90532.8	-0217.8	2905	8.8	92214.4	-0216.5
2636	9.8	83014.3	-0237.8	2726	9.8	84619.3	-0254.5	2816	9.7	90544.3	-0242.3	2906	7.8	92217.4	-0229.0
2637	8.7	83023.7	-0256.7	2727	10.	84650.1	-0237.8	2817	9.7	90641.8	-0205.3	2907	9.3	92228.7	-0216.1
2638	9.8	83029.3	-0237.0	2728	9.4	84655.5	-0214.8	2818	9.2	90644.5	-0252.7	2908	9.7	92243.2	-0257.2

2909	9.4	92258.4	-0224.1	2999	9.8	94539.9	-0200.5	3089	9.8	100514.4	-0205.7	3179	9.8	102845.9	-0236.3
2910	9.4	92326.4	-0217.6	3000	9.6	94553.8	-0259.9	3090	9.6	100451.7	-0250.7	3180	9.6	102848.3	-0245.6
2911	9.8	92338.4	-0225.7	3001	9.8	94600.7	-0228.0	3091	9.8	100623.2	-0221.9	3181	9.8	102858.2	-0219.1
2912	9.6	92340.1	-0234.3	3002	9.8	94601.9	-0212.6	3092	9.6	100616.1	-0227.8	3182	9.7	102911.0	-0241.9
2913	9.5	92340.4	-0241.3	3003	8.8	94620.4	-0208.5	3093	9.6	100619.2	-0231.5	3183	9.1	102919.6	-0230.5
2914	9.8	92340.9	-0225.9	3004	9.8	94636.3	-0259.7	3094	9.1	100644.7	-0224.3	3184	9.4	102928.4	-0234.3
2915	9.8	92345.1	-0251.9	3005	9.3	94645.6	-0252.3	3095	9.5	100655.8	-0208.3	3185	10.	102953.6	-0212.7
2916	7.2	92400.0	-0241.2	3006	9.8	94659.3	-0244.3	3096	9.2	100714.1	-0219.2	3186	9.7	103119.6	-0214.2
2917	7.5	92428.4	-0245.2	3007	9.5	94705.2	-0203.1	3097	7.8	100721.6	-0204.9	3187	10.	103153.4	-0204.3
2918	9.4	92433.5	-0255.3	3008	9.2	94705.9	-0241.6	3098	9.2	100735.0	-0221.1	3188	9.1	103159.2	-0221.1
2919	7.8	92453.0	-0252.9	3009	9.6	94708.9	-0233.2	3099	9.0	100736.1	-0227.2	3189	9.5	103201.4	-0235.8
2920	9.9	92526.5	-0233.6	3010	9.8	94723.1	-0259.9	3100	9.3	100757.3	-0205.3	3190	9.2	103213.1	-0229.5
2921	9.6	92534.0	-0240.9	3011	9.9	94730.7	-0223.1	3101	9.7	100758.3	-0244.9	3191	9.7	103217.0	-0240.4
2922	9.2	92534.4	-0250.5	3012	9.3	94743.3	-0242.0	3102	10.	100803.5	-0211.6	3192	9.8	103217.7	-0234.8
2923	9.7	92543.2	-0210.7	3013	9.6	94814.9	-0200.6	3103	9.8	100805.8	-0202.7	3193	9.8	103245.7	-0217.0
2924	8.3	92654.1	-0230.4	3014	9.5	94831.7	-0233.2	3104	9.1	100851.0	-0219.9	3194	9.6	103316.4	-0254.2
2925	7.0	92714.4	-0250.8	3015	9.4	94833.2	-0233.4	3105	10.	100901.6	-0210.7	3195	10.	103332.8	-0253.7
2926	9.4	92728.9	-0200.6	3016	9.4	94932.9	-0225.7	3106	9.1	100910.7	-0206.3	3196	9.4	103336.0	-0202.6
2927	9.8	92738.1	-0240.1	3017	9.0	94955.9	-0254.6	3107	9.8	100913.1	-0214.6	3197	9.4	103352.8	-0234.4
2928	8.3	92757.4	-0237.3	3018	9.8	95017.4	-0225.1	3108	7.7	100915.7	-0204.4	3198	9.6	103354.4	-0254.9
2929	9.9	92802.9	-0256.5	3019	9.5	95028.9	-0225.6	3109	9.6	100951.7	-0241.5	3199	9.1	103404.6	-0237.1
2930	9.8	92813.5	-0203.9	3020	9.3	95034.4	-0207.8	3110	8.2	101001.4	-0245.7	3200	10.	103416.4	-0208.5
2931	8.8	92817.4	-0219.3	3021	9.8	95106.1	-0206.7	3111	9.8	101002.9	-0224.9	3201	9.8	103424.4	-0234.4
2932	9.8	92826.3	-0258.4	3022	8.3	95111.3	-0256.6	3112	9.4	101112.1	-0209.1	3202	9.7	103452.6	-0246.1
2933	9.6	92827.4	-0250.2	3023	8.5	95137.9	-0251.6	3113	9.8	101142.5	-0202.5	3203	9.6	103516.4	-0259.7
2934	7.5	92907.5	-0207.9	3024	7.0	95141.4	-0219.4	3114	9.8	101155.6	-0226.6	3204	8.9	103547.1	-0248.0
2935	8.9	92907.9	-0239.6	3025	9.4	95144.0	-0219.7	3115	9.7	101159.9	-0209.5	3205	9.9	103557.4	-0200.4
2936	9.0	92913.9	-0234.1	3026	9.1	95150.9	-0207.3	3116	9.5	101209.2	-0244.2	3206	9.5	103613.6	-0231.4
2937	9.2	92941.0	-0221.3	3027	9.6	95156.1	-0224.8	3117	9.2	101213.9	-0224.2	3207	8.8	103624.5	-0226.9
2938	9.6	93019.3	-0246.4	3028	7.5	95157.4	-0222.7	3118	8.8	101216.7	-0208.6	3208	8.8	103631.7	-0217.0
2939	6.0	93026.2	-0231.1	3029	9.6	95231.2	-0243.6	3119	9.4	101233.1	-0214.9	3209	9.5	103641.6	-0236.3
2940	9.0	93028.1	-0232.1	3030	8.5	95234.2	-0245.5	3120	9.4	101236.0	-0244.9	3210	9.8	103704.3	-0242.7
2941	9.3	93037.0	-0206.1	3031	9.2	95323.9	-0215.0	3121	9.4	101250.5	-0230.0	3211	9.2	103709.1	-0208.2
2942	9.4	93050.4	-0234.0	3032	6.8	95339.1	-0229.8	3122	10.	101254.9	-0242.9	3212	9.0	103747.8	-0231.3
2943	9.4	93107.8	-0249.8	3033	9.8	95342.3	-0233.4	3123	9.2	101305.9	-0227.6	3213	10.	103826.4	-0245.8
2944	8.3	93110.0	-0216.4	3034	9.3	95357.4	-0208.1	3124	9.8	101345.8	-0211.4	3214	10.	103849.3	-0256.3
2945	9.8	93131.9	-0226.5	3035	9.2	95407.8	-0223.1	3125	9.7	101349.2	-0208.0	3215	9.6	103856.6	-0215.7
2946	7.3	93143.4	-0210.8	3036	8.8	95414.9	-0212.4	3126	9.9	101355.1	-0234.0	3216	9.7	103859.6	-0240.3
2947	8.7	93155.4	-0242.1	3037	9.5	95431.4	-0243.9	3127	9.2	101400.8	-0201.4	3217	10.	103915.9	-0212.5
2948	8.3	93201.5	-0201.0	3038	9.4	95431.9	-0221.5	3128	9.7	101413.6	-0208.2	3218	9.8	103928.2	-0219.5
2949	8.8	93208.0	-0220.6	3039	8.8	95443.3	-0252.8	3129	9.8	101444.8	-0221.1	3219	10.	104011.1	-0236.5
2950	9.3	93217.4	-0233.3	3040	9.8	95503.9	-0234.0	3130	9.4	101508.7	-0215.3	3220	9.1	104017.6	-0227.2
2951	9.8	93233.5	-0204.7	3041	9.8	95533.9	-0212.6	3131	9.6	101511.6	-0244.7	3221	8.8	104109.5	-0220.9
2952	9.5	93332.4	-0238.0	3042	9.1	95535.9	-0212.6	3132	6.7	101512.2	-0246.7	3222	9.9	104119.6	-0251.8
2953	9.5	93336.4	-0230.9	3043	9.4	95541.9	-0218.2	3133	8.9	101513.4	-0218.6	3223	8.4	104123.1	-0240.3
2954	9.1	93418.5	-0258.4	3044	8.8	95616.0	-0204.3	3134	9.7	101537.7	-0243.8	3224	8.9	104131.2	-0256.9
2955	9.4	93439.3	-0257.7	3045	7.8	95618.9	-0247.0	3135	9.8	101546.4	-0226.1	3225	9.5	104211.3	-0210.9
2956	10.	93510.5	-0248.4	3046	9.4	95620.8	-0239.2	3136	9.7	101712.4	-0246.6	3226	9.6	104213.6	-0249.5
2957	9.3	93542.2	-0242.4	3047	10.	95640.3	-0222.8	3137	9.2	101724.2	-0211.9	3227	8.5	104254.6	-0200.5
2958	9.0	93542.4	-0214.3	3048	8.5	95715.4	-0200.2	3138	8.8	101734.2	-0247.2	3228	9.8	104310.8	-0217.9
2959	10.	93555.5	-0253.3	3049	9.5	95735.8	-0218.8	3139	10.	101742.1	-0241.8	3229	9.1	104333.1	-0227.1
2960	9.5	93608.1	-0252.0	3050	9.5	95735.9	-0232.1	3140	9.8	101846.2	-0256.1	3230	8.8	104345.4	-0225.9
2961	9.5	93610.9	-0222.8	3051	9.5	95737.0	-0204.7	3141	9.3	101907.5	-0204.9	3231	10.	104411.1	-0212.8
2962	8.5	93615.4	-0242.2	3052	7.0	95752.3	-0248.9	3142	9.2	101911.8	-0244.8	3232	9.1	104423.3	-0231.6
2963	10.	93653.3	-0257.0	3053	7.4	95800.5	-0240.4	3143	8.5	101949.7	-0219.0	3233	9.7	104427.6	-0251.9
2964	8.8	93703.9	-0232.8	3054	9.3	95804.2	-0214.5	3144	9.3	101950.4	-0248.0	3234	9.8	104434.2	-0251.9
2965	9.1	93758.9	-0212.7	3055	9.4	95809.6	-0214.4	3145	9.0	101957.2	-0217.0	3235	9.3	104445.6	-0242.7
2966	9.7	93812.6	-0246.6	3056	9.7	95812.9	-0225.5	3146	9.9	102001.2	-0221.7	3236	9.8	104454.9	-0219.2
2967	9.7	93813.1	-0242.9	3057	9.2	95821.7	-0250.9	3147	8.3	102013.6	-0240.8	3237	10.	104515.1	-0242.2
2968	9.8	93818.9	-0228.1	3058	9.9	95828.7	-0218.7	3148	10.	102041.1	-0256.0	3238	9.7	104531.1	-0253.8
2969	8.8	93832.5	-0222.9	3059	9.8	95829.7	-0254.4	3149	9.1	102043.8	-0245.5	3239	9.1	104537.7	-0244.5
2970	8.3	93838.9	-0226.5	3060	9.7	95843.1	-0213.9	3150	10.	102116.1	-0246.9	3240	9.4	104545.4	-0256.1
2971	9.5	93849.1	-0254.8	3061	9.7	95847.0	-0257.7	3151	9.3	102140.6	-0215.6	3241	9.7	104546.8	-0216.8
2972	9.0	93850.4	-0203.2	3062	9.2	95908.7	-0239.5	3152	9.5	102142.0	-0227.6	3242	9.0	104548.4	-0221.4
2973	9.6	93909.0	-0201.2	3063	9.5	95909.2	-0225.3	3153	9.7	102151.9	-0218.4	3243	9.7	104604.7	-0204.7
2974	9.8	93910.2	-0225.0	3064	9.3	95914.9	-0217.7	3154	8.7	102154.1	-0247.2	3244	9.7	104611.1	-0256.6
2975	9.3	93916.2	-0213.2	3065	9.9	95917.8	-0221.3	3155	6.0	102205.9	-0218.1	3245	9.6	104613.1	-0227.6
2976	8.6	93921.1	-0251.6	3066	9.9	95925.7	-0229.0	3156	9.8	102215.6	-0241.1	3246	9.6	104638.2	-0251.1
2977	7.5	93923.7	-0232.2	3067	7.6	95938.5	-0234.6	3157	9.7	102225.0	-0216.6	3247	8.2	104645.6	-0234.6
2978	9.2	93927.4	-0251.5	3068	9.7	100057.7	-0257.0	3158	10.	102239.1	-0248.0	3248	9.7	104655.9	-0259.9
2979	8.2	93936.4	-0241.9	3069	7.5	100110.6	-0246.3	3159	10.	102241.1	-0254.2	3249	9.5	104656.7	-0208.7
2980	9.6	94013.8	-0247.4	3070	10.	100115.1	-0259.8	3160	8.6	102256.6	-0207.5	3250	10.	104659.9	-0222.8
2981	9.9	94022.9	-0229.6	3071	10.	100120.3	-0225.3	3161	9.0	102258.9	-0210.0	3251	8.3	104659.2	-0206.7
2982	9.2	94025.9	-0236.7	3072	9.4	100125.5	-0218.6	3162	9.8	102315.6	-0246.3	3252	9.6	104740.1	-0204.2
2983	9.4	94029.9	-0210.6	3073	9.9	100138.9	-0211.5	3163	9.6	102326.5	-0215.5	3253	9.7	104753.9	-0256.9
2984	9.2	94029.9	-0230.7	3074	9.8	100149.1	-0224.6	3164	10.	102340.3	-0250.7	3254	8.1	104757.7	-0210.1
2985	9.1	94110.4	-0236.3	3075	9.2	100213.2	-0229.4	3165	8.5	102341.6	-0247.5	3255	9.6	104808.4	-0217.4
2986	8.4	94123.5	-0202.4	3076	9.5	100236.4	-0207.0	3166	9.7	102416.1	-0218.6	3256	9.5	104818.2	-0205.4
2987	9.4	94143.8	-0259.1	3077	9.5	100249.1	-0225.8	3167	9.4	102444.9	-0204.9	3257	9.5	104828.2	-0204.1
2988	9.5	94210.4	-0255.4	3078	9.2	100251.6	-0241.8	3168	9.2	102504.6	-0246.7	3258	9.5	104845.5	-0234.9
2989	9.8	94234.8	-0256.6	3079	9.3	100252.5	-0222.0	3169	9.2	102526.5	-0242.7	3259	8.5	104900.7	-0242.5
2990	9.8	94238.4	-0202.2	3080	10.	100300.8	-0220.7	3170	9.4	102532.6	-0212.7	3260	10.	104911.9	-0222.8
2991	9.9	94252.9	-0221.1	3081	10.	100301.2	-0224.9	3171	9.8	102605.4	-0214.3	3261	9.1	104946.6	-0246.2
2992	9.2	94348.7	-0223.2	3082	9.6	100309.3	-0242.3	3172	9.6	102617.4	-0244.3	3262	8.9	105017.5	-0216.7
2993	8.9	94417.4	-0212.1	3083	10.	100310.5	-0221.8	3173	8.8	102658.5	-0217.0	3263	10.	105021.8	-0230.5
2994	9.3	94456.6	-0247.9	3084	9.6	100411.7	-0233.8	3174	9.8	102747.7	-0209.9	3264	7.3	105029.0	-0241.8
2995	8.8	94508.4	-0218.8	3085	9.8	100413.6	-0224.0	3175	9.9	102757.0	-0205.5	3265	9.6	105048.2	-0204.4
2996	9.4	94514.3	-0221.9	3086	10.	100446.5	-0215.5	3176	9.5	102801.1	-0215.9	3266	9.8	105051.8	-0216.9
2997	9.0	94522.8	-0216.5	3087	9.5	100451.2	-0240.4	3177	8.8	102803.9	-0217.3	3267	8.9	105056.7	-0209.5
2998	9.5	94537.9	-0217.9	3088	9.8	100452.7	-0249.2	3178	9.1	102841.6	-0215.1	3268	9.4	105441.2	-0.42.8

3269	9.6	105449.4	-0248.3	3359	9.9	112245.7	-0217.7	3449	8.8	115317.2	-0207.8	3539	10.	122800.3	-0202.2
3270	6.7	105514.4	-0244.1	3360	5.0	112254.3	-0212.2	3450	8.7	115343.3	-0245.6	3540	8.0	122801.4	-0244.7
3271	9.4	105517.1	-0234.9	3361	9.4	112300.4	-0228.2	3451	9.5	115419.2	-0253.5	3541	9.1	122812.3	-0213.0
3272	9.0	105534.8	-0235.8	3362	9.3	112305.0	-0240.7	3452	9.5	115532.9	-0204.9	3542	8.3	122817.3	-0213.0
3273	9.8	105534.8	-0201.6	3363	8.8	112338.9	-0208.9	3453	7.7	115548.3	-0235.2	3543	10.	122819.8	-0222.0
3274	9.4	105536.3	-0235.6	3364	8.5	112442.4	-0244.1	3454	8.8	115651.2	-0201.6	3544	9.4	122853.3	-0209.1
3275	9.8	105541.2	-0210.6	3365	9.5	112443.2	-0244.2	3455	9.5	115658.5	-0221.2	3545	9.5	122954.3	-0241.0
3276	9.2	105544.6	-0240.4	3366	9.6	112502.7	-0245.9	3456	9.2	115711.8	-0234.8	3546	8.6	123005.9	-0246.3
3277	10.	105554.7	-0227.8	3367	9.7	112533.3	-0241.2	3457	9.5	115741.0	-0220.6	3547	9.5	123030.5	-0228.5
3278	8.5	105556.8	-0216.4	3368	9.6	112534.2	-0205.5	3458	9.9	115744.0	-0221.5	3548	9.2	123051.4	-0219.9
3279	10.	105603.5	-0228.0	3369	9.3	112552.0	-0215.4	3459	9.3	115831.5	-0257.9	3549	8.5	123121.0	-0230.6
3280	9.0	105614.9	-0225.5	3370	9.3	112612.4	-0244.4	3460	6.5	115834.5	-0219.2	3550	9.5	123127.4	-0225.3
3281	9.5	105629.5	-0243.7	3371	10.	112616.6	-0216.8	3461	10.	115848.1	-0246.0	3551	9.5	123159.4	-0243.6
3282	9.7	105635.5	-0259.5	3372	9.4	112628.7	-0218.3	3462	9.5	115857.6	-0245.4	3552	7.8	123227.2	-0216.1
3283	8.5	105719.2	-0211.6	3373	8.8	112657.8	-0242.2	3463	9.0	115929.2	-0248.5	3553	9.0	123230.7	-0206.5
3284	9.7	105735.7	-0245.7	3374	9.5	112750.4	-0203.9	3464	9.5	115940.9	-0207.0	3554	10.	123302.8	-0254.1
3285	9.6	105741.3	-0219.5	3375	9.5	112818.3	-0251.9	3465	9.8	120012.1	-0244.8	3555	10.	123315.4	-0214.1
3286	9.4	105906.6	-0202.8	3376	9.1	112829.6	-0218.7	3466	8.3	120023.5	-0218.8	3556	9.5	123319.4	-0235.3
3287	8.8	105921.4	-0241.0	3377	9.8	112842.8	-0205.9	3467	9.5	120039.0	-0214.3	3557	9.6	123341.9	-0237.1
3288	9.5	105937.8	-0256.2	3378	8.9	112907.0	-0246.8	3468	10.	120042.9	-0207.7	3558	9.8	123400.9	-0208.5
3289	9.0	105945.9	-0232.4	3379	9.4	112911.3	-0252.4	3469	9.0	120103.0	-0240.5	3559	9.5	123410.4	-0230.5
3290	10.	105956.5	-0236.4	3380	9.3	112914.3	-0210.3	3470	9.4	120103.6	-0210.9	3560	9.8	123420.3	-0257.7
3291	10.	110006.5	-0239.6	3381	9.5	112930.1	-0225.1	3471	9.5	120126.4	-0228.4	3561	9.5	123423.0	-0205.3
3292	10.	110024.2	-0247.6	3382	9.5	112953.7	-0216.1	3472	9.4	120246.1	-0257.6	3562	9.7	123519.4	-0222.6
3293	10.	110041.1	-0208.3	3383	8.0	113001.4	-0205.2	3473	9.7	120309.5	-0249.2	3563	9.0	123545.7	-0210.1
3294	9.8	110115.2	-0237.4	3384	8.9	113008.0	-0249.6	3474	8.8	120327.0	-0220.2	3564	8.8	123557.3	-0204.5
3295	9.5	110151.5	-0239.4	3385	9.4	113155.5	-0212.8	3475	10.	120347.0	-0235.3	3565	10.	123609.4	-0217.8
3296	9.9	110159.0	-0207.4	3386	9.7	113213.1	-0243.5	3476	9.5	120354.5	-0255.4	3566	9.7	123624.4	-0209.8
3297	10.	110204.4	-0238.0	3387	9.2	113220.8	-0211.5	3477	9.3	120356.6	-0224.4	3567	6.8	123643.7	-0202.9
3298	8.8	110220.6	-0212.3	3388	9.4	113227.3	-0211.2	3478	6.7	120356.8	-0258.1	3568	10.	123655.5	-0255.3
3299	9.9	110229.0	-0245.9	3389	8.9	113244.3	-0211.2	3479	9.0	120441.5	-0250.4	3569	10.	123656.4	-0212.9
3300	9.9	110300.3	-0219.4	3390	8.5	113252.1	-0230.9	3480	10.	120452.1	-0245.6	3570	10.	123701.9	-0258.3
3301	9.0	110323.8	-0256.1	3391	9.1	113326.3	-0252.0	3481	7.3	120508.0	-0217.5	3571	9.7	123748.7	-0257.4
3302	9.6	110411.7	-0219.2	3392	9.6	113348.2	-0219.3	3482	10.	120511.9	-0208.6	3572	9.5	123815.4	-0235.1
3303	9.4	110420.0	-0246.4	3393	9.4	113352.2	-0230.7	3483	9.5	120546.2	-0246.3	3573	9.0	123827.7	-0214.4
3304	10.	110439.8	-0257.2	3394	9.9	113425.2	-0213.7	3484	9.3	120552.3	-0234.5	3574	9.7	123834.4	-0214.2
3305	9.2	110501.2	-0214.1	3395	9.0	113437.2	-0213.9	3485	10.	120653.5	-0234.2	3575	10.	123922.4	-0227.1
3306	9.9	110532.1	-0252.2	3396	9.3	113449.7	-0223.1	3486	10.	120836.9	-0206.4	3576	10.	123939.4	-0210.1
3307	9.1	110619.4	-0259.1	3397	9.0	113505.7	-0210.6	3487	8.6	120842.1	-0212.6	3577	10.	123941.4	-0244.9
3308	10.	110650.3	-0259.7	3398	9.3	113524.0	-0234.5	3488	7.8	120850.9	-0225.7	3578	10.	124014.4	-0228.5
3309	9.3	110714.7	-0215.9	3399	7.2	113525.2	-0244.4	3489	9.2	120854.4	-0255.9	3579	9.9	124018.1	-0240.9
3310	10.	110807.5	-0240.4	3400	9.4	113551.7	-0243.1	3490	9.7	120855.7	-0253.3	3580	8.7	124142.8	-0254.4
3311	9.1	110828.6	-0203.1	3401	9.5	113654.7	-0250.1	3491	10.	120942.9	-0201.9	3581	10.	124150.4	-0224.5
3312	7.7	110847.9	-0240.9	3402	10.	113655.1	-0202.2	3492	8.7	120959.4	-0229.9	3582	9.8	124152.5	-0240.9
3313	8.7	110855.1	-0258.3	3403	9.5	113655.9	-0223.7	3493	9.3	121045.5	-0213.3	3583	10.	124153.4	-0222.7
3314	9.0	110911.2	-0251.1	3404	9.5	113700.5	-0225.3	3494	8.3	121108.5	-0213.3	3584	9.5	124222.2	-0214.1
3315	4.9	110916.9	-0251.0	3405	9.7	113707.0	-0210.5	3495	10.	121111.7	-0258.2	3585	9.5	124238.4	-0226.4
3316	9.5	110918.2	-0214.0	3406	9.3	113734.7	-0219.6	3496	9.1	121115.5	-0247.9	3586	9.7	124242.4	-0240.2
3317	9.8	110955.0	-0200.4	3407	9.1	113738.9	-0206.6	3497	8.3	121148.1	-0230.9	3587	8.5	124316.3	-0255.3
3318	9.4	111023.2	-0250.2	3408	9.8	113823.8	-0249.2	3498	9.4	121150.4	-0229.3	3588	9.9	124318.6	-0252.1
3319	9.8	111027.4	-0229.7	3409	9.6	113843.9	-0200.8	3499	10.	121203.6	-0244.5	3589	9.0	124351.7	-0206.5
3320	9.2	111036.3	-0224.1	3410	7.3	113854.8	-0211.7	3500	9.2	121248.5	-0240.0	3590	10.	124410.5	-0254.0
3321	10.	111146.1	-0204.0	3411	7.2	113915.6	-0256.2	3501	9.8	121254.1	-0212.2	3591	9.0	124437.9	-0236.5
3322	9.0	111159.5	-0200.2	3412	9.5	113936.9	-0200.5	3502	9.5	121308.7	-0201.2	3592	8.8	124453.4	-0254.5
3323	9.4	111211.1	-0203.3	3413	9.6	113951.0	-0235.3	3503	9.4	121323.5	-0248.7	3593	6.2	124545.5	-0246.0
3324	10.	111305.7	-0214.9	3414	8.8	113957.1	-0217.0	3504	9.8	121338.5	-0209.8	3594	9.5	124746.4	-0230.8
3325	8.5	111308.1	-0206.3	3415	9.1	114023.9	-0253.7	3505	9.5	121401.7	-0244.3	3595	10.	124747.4	-0243.3
3326	9.8	111333.3	-0259.4	3416	9.5	114030.7	-0212.4	3506	9.5	121445.4	-0258.6	3596	8.9	124748.7	-0249.3
3327	10.	111337.8	-0221.4	3417	7.7	114101.5	-0225.5	3507	10.	121448.9	-0214.0	3597	7.9	124813.1	-0246.2
3328	8.7	111344.3	-0258.1	3418	9.5	114118.2	-0236.7	3508	10.	121514.6	-0252.1	3598	9.3	124832.1	-0226.9
3329	9.6	111428.3	-0253.4	3419	9.5	114118.4	-0222.4	3509	10.	121535.7	-0249.7	3599	10.	124843.5	-0236.6
3330	9.0	111434.6	-0248.1	3420	8.8	114152.0	-0230.7	3510	8.9	121609.8	-0252.6	3600	10.	124902.4	-0215.6
3331	9.5	111526.1	-0204.0	3421	9.8	114203.2	-0211.9	3511	9.4	121629.0	-0214.2	3601	9.0	124903.7	-0248.6
3332	9.1	111535.9	-0230.8	3422	9.9	114205.9	-0238.7	3512	9.4	121705.2	-0241.9	3602	10.	124939.4	-0224.5
3333	9.7	111538.6	-0210.5	3423	9.5	114348.5	-0229.2	3513	9.5	121708.0	-0231.4	3603	10.	125002.3	-0249.5
3334	10.	111542.2	-0211.5	3424	9.5	114351.0	-0249.1	3514	10.	121727.6	-0203.7	3604	9.7	125105.3	-0226.4
3335	9.2	111542.7	-0200.0	3425	9.9	114358.4	-0236.0	3515	10.	121736.0	-0225.6	3605	7.2	125112.2	-0207.2
3336	9.4	111604.7	-0253.9	3426	9.7	114414.7	-0200.9	3516	9.3	121808.6	-0212.4	3606	8.5	125122.1	-0245.1
3337	8.3	111609.9	-0229.4	3427	9.8	114424.0	-0208.8	3517	9.0	121816.0	-0218.7	3607	8.9	125130.4	-0252.3
3338	9.7	111701.7	-0251.2	3428	9.7	114426.0	-0246.7	3518	9.5	121827.3	-0231.3	3608	9.4	125224.0	-0218.5
3339	9.2	111732.2	-0214.9	3429	9.8	114443.1	-0238.1	3519	8.0	121933.5	-0244.0	3609	6.3	125307.4	-0235.2
3340	9.8	111735.8	-0257.1	3430	9.8	114443.5	-0203.2	3520	8.3	121944.3	-0228.9	3610	9.4	125359.3	-0212.2
3341	9.5	111759.1	-0243.7	3431	9.5	114609.0	-0211.8	3521	9.5	121949.0	-0250.5	3611	9.9	125408.7	-0228.6
3342	8.7	111805.8	-0225.6	3432	10.	114609.8	-0245.2	3522	9.5	121952.0	-0225.1	3612	10.	125409.6	-0253.6
3343	9.3	111823.6	-0210.6	3433	7.0	114626.9	-0258.0	3523	9.2	121953.9	-0226.2	3613	9.5	125411.9	-0230.2
3344	9.7	111835.0	-0221.3	3434	9.5	114708.9	-0235.8	3524	9.1	122009.9	-0230.9	3614	9.2	125420.3	-0232.0
3345	9.5	111921.2	-0214.9	3435	9.4	114709.7	-0236.9	3525	9.8	122015.7	-0258.6	3615	9.6	125437.4	-0231.8
3346	9.2	111923.1	-0210.7	3436	9.3	114722.1	-0216.6	3526	9.5	122047.9	-0207.7	3616	9.4	125444.3	-0232.5
3347	9.6	111932.3	-0258.2	3437	9.5	114749.1	-0218.4	3527	9.6	122219.2	-0201.2	3617	8.5	125532.5	-0222.5
3348	10.	111939.6	-0207.1	3438	8.3	114750.9	-0238.2	3528	8.5	122219.6	-0230.9	3618	10.	125533.3	-0238.5
3349	8.9	111954.5	-0245.4	3439	8.3	114758.3	-0247.2	3529	9.3	122245.7	-0258.9	3619	10.	125544.2	-0201.4
3350	10.	112052.9	-0225.9	3440	9.4	114819.0	-0229.5	3530	9.9	122349.8	-0244.0	3620	8.8	125549.9	-0210.9
3351	9.9	112059.0	-0238.7	3441	9.8	114909.5	-0230.7	3531	8.6	122415.0	-0254.7	3621	7.5	125625.5	-0226.3
3352	9.1	112107.4	-0228.6	3442	9.8	114910.3	-0222.6	3532	9.1	122514.6	-0220.6	3622	6.7	125626.5	-0252.9
3353	8.8	112115.7	-0234.2	3443	9.9	115018.7	-0248.1	3533	8.0	122645.9	-0255.2	3623	9.5	125628.3	-0235.4
3354	9.4	112115.9	-0231.1	3444	9.6	115041.2	-0206.7	3534	9.2	122649.9	-0253.7	3624	9.5	125705.0	-0252.2
3355	9.8	112119.2	-0250.3	3445	10.	115131.8	-0258.7	3535	9.4	122741.0	-0234.8	3625	9.8	125730.3	-0222.5
3356	9.1	112141.1	-0206.1	3446	7.3	115149.4	-0230.9	3536	10.	122744.3	-0220.9	3626	10.	125848.6	-0252.2
3357	8.8	112158.9	-0255.2	3447	9.2	115209.0	-0242.5	3537	9.5	122750.4	-0243.6	3627	9.2	125932.0	-0229.5
3358	9.1	112214.2	-0211.6	3448	10.	115305.9	-0204.1	3538	9.2	122756.3	-0225.2	3628	9.1	125937.9	-0231.5

3629	9.5	125950.3	-0222.0	3719	9.8	133342.6	-0222.1	3809	8.7	140704.0	-0229.0	3899	9.8	144030.3	-0231.3
3630	9.3	130012.3	-0256.9	3720	9.4	133414.1	-0229.0	3810	8.4	140725.1	-0256.8	3900	9.5	144059.0	-0217.2
3631	9.8	130015.9	-0232.7	3721	9.5	133421.6	-0211.1	3811	9.0	140745.2	-0246.0	3901	9.3	144131.5	-0240.5
3632	9.7	130016.7	-0253.6	3722	9.4	133547.2	-0259.9	3812	6.4	140858.9	-0231.2	3902	10.	144134.7	-0253.6
3633	10.	130052.3	-0223.8	3723	8.5	133609.4	-0247.5	3813	9.1	140914.1	-0212.9	3903	9.1	144238.5	-0243.3
3634	8.7	130058.0	-0201.2	3724	9.4	133623.5	-0231.4	3814	10.	140919.5	-0201.9	3904	9.5	144314.9	-0241.0
3635	9.4	130130.7	-0254.2	3725	10.	133629.5	-0243.4	3815	9.8	141003.7	-0250.0	3905	9.5	144318.8	-0232.8
3636	9.5	130136.1	-0257.0	3726	8.7	133714.7	-0248.4	3816	9.6	141037.9	-0210.4	3906	10.	144337.6	-0247.0
3637	9.4	130203.5	-0226.1	3727	8.2	133739.9	-0234.9	3817	9.8	141040.3	-0202.7	3907	8.3	144445.2	-0255.1
3638	8.3	130215.4	-0236.6	3728	9.1	133803.2	-0217.2	3818	9.4	141123.9	-0209.1	3908	9.3	144517.5	-0243.9
3639	9.3	130225.3	-0212.1	3729	9.4	133824.6	-0247.5	3819	9.8	141125.0	-0239.2	3909	9.3	144551.1	-0206.7
3640	10.	130235.4	-0205.8	3730	9.5	133835.5	-0206.4	3820	9.2	141135.2	-0253.0	3910	9.1	144612.2	-0244.9
3641	9.2	130249.0	-0240.9	3731	9.1	133858.3	-0206.8	3821	9.5	141138.4	-0205.3	3911	9.5	144639.0	-0215.2
3642	8.7	130315.4	-0230.8	3732	8.9	134025.5	-0226.4	3822	9.6	141138.8	-0219.6	3912	9.0	144655.0	-0228.7
3643	10.	130332.6	-0254.3	3733	9.7	134042.4	-0205.5	3823	9.5	141155.0	-0205.3	3913	9.2	144740.0	-0209.4
3644	9.0	130430.7	-0214.4	3734	10.	134044.1	-0250.0	3824	9.7	141247.1	-0235.0	3914	9.3	144759.5	-0235.2
3645	9.4	130435.7	-0212.2	3735	9.5	134045.9	-0253.8	3825	9.3	141337.8	-0220.9	3915	9.3	144852.0	-0231.8
3646	10.	130516.7	-0207.7	3736	9.6	134049.0	-0247.6	3826	10.	141407.2	-0220.0	3916	9.4	144923.5	-0248.4
3647	9.3	130528.7	-0205.4	3737	7.5	134109.4	-0206.6	3827	9.1	141408.1	-0240.6	3917	9.8	144936.6	-0245.3
3648	10.	130535.8	-0249.6	3738	8.9	134109.9	-0250.1	3828	9.7	141412.0	-0227.5	3918	10.	145009.1	-0204.7
3649	9.1	130543.2	-0217.2	3739	9.0	134117.6	-0227.2	3829	9.3	141414.6	-0236.8	3919	9.5	145032.2	-0242.4
3650	9.4	130545.0	-0224.1	3740	9.5	134143.7	-0217.3	3830	9.9	141422.6	-0228.1	3920	9.8	145109.5	-0203.1
3651	7.5	130552.1	-0243.1	3741	9.7	134202.6	-0211.3	3831	9.8	141424.5	-0237.2	3921	9.0	145110.6	-0218.0
3652	9.8	130628.3	-0253.2	3742	9.3	134204.7	-0219.5	3832	9.5	141431.6	-0240.5	3922	9.4	145111.2	-0257.6
3653	8.2	130636.7	-0202.1	3743	9.7	134211.3	-0249.6	3833	10.	141453.0	-0255.2	3923	8.3	145158.1	-0233.4
3654	9.9	130701.6	-0245.2	3744	9.4	134222.8	-0200.4	3834	9.7	141503.6	-0214.5	3924	10.	145201.7	-0240.2
3655	10.	130712.3	-0213.2	3745	9.6	134323.3	-0241.9	3835	9.0	141506.6	-0231.0	3925	9.5	145228.1	-0202.4
3656	10.	130721.3	-0208.7	3746	9.5	134336.0	-0211.3	3836	9.2	141534.9	-0212.4	3926	9.0	145313.1	-0222.7
3657	9.4	130732.5	-0228.1	3747	8.4	134337.3	-0204.6	3837	10.	141607.4	-0207.3	3927	9.0	145330.6	-0217.5
3658	9.3	130742.7	-0214.0	3748	9.3	134337.9	-0236.3	3838	9.4	141618.8	-0213.1	3928	5.0	145347.3	-0210.0
3659	8.6	130830.1	-0220.0	3749	9.3	134420.9	-0257.5	3839	9.7	141647.0	-0240.0	3929	9.3	145353.5	-0238.4
3660	9.4	130837.2	-0235.3	3750	9.4	134424.2	-0213.3	3840	9.5	141653.6	-0232.0	3930	6.5	145403.0	-0235.0
3661	9.4	130846.5	-0227.5	3751	9.2	134432.0	-0245.8	3841	9.3	141727.9	-0221.6	3931	8.6	145423.0	-0227.4
3662	9.1	130954.1	-0213.1	3752	7.3	134541.2	-0249.4	3842	9.8	141752.5	-0241.5	3932	9.8	145448.4	-0205.1
3663	9.4	130957.6	-0249.2	3753	9.4	134558.0	-0242.9	3843	9.1	141814.3	-0220.8	3933	7.0	145513.2	-0227.3
3664	9.9	131017.6	-0215.9	3754	9.8	134600.1	-0251.7	3844	9.5	141837.9	-0200.4	3934	9.1	145518.5	-0217.4
3665	9.5	131031.3	-0246.7	3755	10.	134632.5	-0236.1	3845	9.0	141941.5	-0244.7	3935	8.6	145519.1	-0201.5
3666	9.3	131132.0	-0241.0	3756	9.5	134639.0	-0238.1	3846	8.8	141944.2	-0202.3	3936	8.9	145530.7	-0222.8
3667	9.5	131231.1	-0217.1	3757	10.	134645.2	-0243.3	3847	9.5	142003.0	-0206.9	3937	8.5	145556.1	-0236.2
3668	9.8	131242.0	-0256.9	3758	8.5	134651.1	-0217.2	3848	9.2	142017.3	-0225.8	3938	9.5	145623.0	-0246.8
3669	9.4	131251.0	-0213.7	3759	9.9	134654.4	-0224.0	3849	7.3	142033.0	-0221.2	3939	9.6	145628.8	-0217.1
3670	9.1	131258.7	-0243.9	3760	9.5	134716.3	-0236.4	3850	9.6	142109.2	-0250.0	3940	9.2	145718.9	-0254.1
3671	8.9	131313.0	-0246.6	3761	6.5	134829.5	-0256.9	3851	9.8	142119.7	-0256.3	3941	9.2	145750.5	-0237.7
3672	9.8	131319.1	-0235.3	3762	10.	134852.6	-0257.3	3852	9.5	142135.3	-0255.8	3942	9.8	145820.2	-0207.1
3673	9.8	131329.1	-0253.5	3763	9.0	134914.9	-0230.8	3853	8.8	142236.9	-0254.0	3943	9.4	145900.2	-0203.3
3674	9.2	131329.5	-0230.6	3764	10.	134921.5	-0247.1	3854	9.6	142255.5	-0252.4	3944	9.1	145913.9	-0236.5
3675	9.8	131417.3	-0252.1	3765	9.0	135009.8	-0204.7	3855	8.0	142311.1	-0227.4	3945	9.6	145937.8	-0211.6
3676	9.5	131525.5	-0252.5	3766	9.4	135121.2	-0212.8	3856	8.9	142327.1	-0256.5	3946	8.8	150002.3	-0200.7
3677	9.3	131527.2	-0210.2	3767	9.4	135207.6	-0218.6	3857	9.3	142409.1	-0253.5	3947	9.4	150004.9	-0252.6
3678	9.4	131606.6	-0257.5	3768	6.4	135218.4	-0250.4	3858	9.4	142458.6	-0208.7	3948	9.9	150019.8	-0259.4
3679	9.6	131607.6	-0247.2	3769	9.5	135309.3	-0219.7	3859	9.0	142550.1	-0240.0	3949	9.0	150030.0	-0214.7
3680	9.8	131631.9	-0226.8	3770	9.7	135334.5	-0246.1	3860	9.0	142616.6	-0200.1	3950	8.3	150139.4	-0201.4
3681	10.	131659.6	-0207.5	3771	10.	135431.8	-0250.2	3861	9.1	142639.1	-0222.4	3951	9.7	150153.5	-0244.7
3682	9.7	131752.5	-0203.9	3772	9.0	135506.0	-0224.9	3862	8.5	142701.9	-0231.8	3952	9.8	150218.7	-0214.1
3683	30.0	131832.9	-0237.6	3773	10.	135509.8	-0247.4	3863	9.3	142823.7	-0249.3	3953	9.4	150222.2	-0204.0
3684	8.0	131839.4	-0254.1	3774	9.8	135523.9	-0233.6	3864	10.	142938.4	-0259.6	3954	9.7	150409.0	-0229.4
3685	10.	132009.5	-0200.8	3775	10.	135613.5	-0207.5	3865	9.6	142940.4	-0253.1	3955	9.4	150410.6	-0219.7
3686	30.0	132019.2	-0225.1	3776	9.6	135616.7	-0206.4	3866	9.7	142953.2	-0230.0	3956	9.8	150412.7	-0241.6
3687	9.7	132027.1	-0241.4	3777	9.0	135627.1	-0249.7	3867	9.5	143009.6	-0228.3	3957	9.4	150432.1	-0232.2
3688	9.5	132043.0	-0255.0	3778	9.6	135654.8	-0246.0	3868	8.5	143014.9	-0244.5	3958	9.5	150620.6	-0207.1
3689	9.0	132148.8	-0212.6	3779	9.0	135656.5	-0221.7	3869	9.4	143020.0	-0215.5	3959	9.8	150648.6	-0231.4
3690	9.5	132203.7	-0218.9	3780	9.5	135730.0	-0218.9	3870	9.7	143033.2	-0213.7	3960	6.7	150655.7	-0249.3
3691	10.	132210.5	-0203.1	3781	9.5	135827.4	-0232.9	3871	9.8	143052.0	-0209.4	3961	9.9	150720.4	-0247.5
3692	10.	132224.6	-0247.8	3782	9.7	135855.8	-0241.6	3872	9.0	143053.9	-0214.0	3962	9.3	150739.2	-0220.6
3693	9.4	132254.5	-0228.9	3783	9.2	135858.0	-0207.2	3873	7.0	143056.8	-0258.8	3963	9.0	150744.7	-0211.5
3694	9.6	132320.4	-0236.0	3784	10.	140012.9	-0211.6	3874	8.0	143100.6	-0230.9	3964	9.8	150756.9	-0235.0
3695	7.3	132322.7	-0218.2	3785	9.7	140015.0	-0234.3	3875	9.6	143141.5	-0210.2	3965	9.6	150817.8	-0225.7
3696	10.	132326.5	-0201.8	3786	9.4	140031.4	-0211.2	3876	9.6	143147.6	-0243.1	3966	10.	150821.7	-0242.8
3697	8.9	132330.7	-0245.7	3787	9.5	140032.6	-0252.0	3877	9.5	143151.6	-0229.2	3967	9.5	150849.4	-0231.0
3698	8.5	132332.9	-0203.9	3788	9.2	140044.0	-0208.7	3878	9.5	143229.6	-0220.7	3968	9.5	150922.0	-0227.9
3699	9.6	132358.5	-0245.5	3789	8.4	140051.1	-0250.9	3879	9.2	143232.0	-0209.8	3969	9.3	151010.1	-0242.5
3700	9.9	132359.6	-0246.5	3790	8.9	140053.5	-0214.7	3880	9.5	143304.9	-0223.5	3970	9.5	151011.4	-0200.2
3701	8.7	132441.7	-0220.7	3791	10.	140056.4	-0219.0	3881	9.7	143317.7	-0241.3	3971	9.2	151029.7	-0254.2
3702	9.0	132442.4	-0222.5	3792	9.5	140102.3	-0248.1	3882	8.2	143329.1	-0213.6	3972	8.0	151106.7	-0216.1
3703	8.5	132447.0	-0249.0	3793	9.1	140122.4	-0254.5	3883	9.1	143334.4	-0247.2	3973	9.8	151151.3	-0219.7
3704	9.5	132528.9	-0233.7	3794	9.5	140128.1	-0207.8	3884	9.5	143352.6	-0229.2	3974	9.1	151221.1	-0244.3
3705	9.9	132542.7	-0259.1	3795	9.4	140138.4	-0232.6	3885	9.5	143402.3	-0255.3	3975	9.5	151236.1	-0242.7
3706	9.2	132603.8	-0210.9	3796	10.	140147.9	-0256.1	3886	9.0	143426.4	-0254.1	3976	9.8	151237.3	-0222.1
3707	9.4	132610.8	-0250.6	3797	8.9	140151.3	-0222.5	3887	8.7	143542.6	-0220.3	3977	8.7	151305.3	-0259.4
3708	8.7	132632.8	-0208.0	3798	9.5	140212.8	-0241.5	3888	9.0	143629.5	-0250.8	3978	9.5	151315.8	-0222.4
3709	9.5	132829.6	-0224.5	3799	9.0	140321.8	-0225.1	3889	9.3	143643.6	-0231.5	3979	9.8	151318.7	-0214.6
3710	9.2	132840.7	-0244.7	3800	8.0	140348.4	-0238.7	3890	7.4	143658.7	-0244.9	3980	9.0	151346.4	-0233.3
3711	8.7	132850.8	-0211.8	3801	9.0	140415.0	-0211.4	3891	8.5	143720.0	-0226.8	3981	9.8	151428.9	-0236.7
3712	10.	132905.7	-0254.2	3802	8.0	140501.3	-0217.0	3892	9.4	143757.6	-0257.2	3982	9.5	151433.1	-0204.2
3713	9.5	132931.8	-0214.1	3803	9.9	140506.3	-0258.6	3893	9.8	143823.6	-0259.4	3983	9.5	151500.9	-0257.7
3714	6.8	133017.5	-0229.5	3804	7.8	140515.5	-0237.1	3894	8.9	143911.0	-0219.3	3984	9.4	151528.9	-0255.6
3715	9.4	133057.7	-0216.9	3805	9.4	140616.4	-0214.3	3895	9.5	143944.0	-0224.1	3985	8.6	151537.1	-0244.9
3716	8.5	133100.6	-0258.0	3806	9.1	140617.8	-0219.8	3896	9.4	143945.3	-0225.5	3986	9.5	151539.2	-0214.9
3717	9.9	133103.1	-0249.1	3807	9.8	140647.4	-0237.0	3897	9.1	144015.5	-0246.3	3987	9.1	151542.1	-0246.8
3718	9.1	133136.5	-0229.8	3808	10.	140701.0	-0243.4	3898	9.7	144029.3	-0225.9	3988	9.5	151546.0	-0215.5

-02 3989 15h16m

-02 4348 17h16m

3989	10.	151626.0	-0246.0	4079	9.6	155011.1	-0213.5	4169	9.4	161436.6	-0242.8	4259	6.2	164248.5	-0223.5
3990	9.8	151727.1	-0253.6	4080	8.7	155026.3	-0245.4	4170	9.8	161503.4	-0204.1	4260	9.7	164328.2	-0218.1
3991	9.8	151809.9	-0211.5	4081	9.8	155105.2	-0245.4	4171	9.4	161504.9	-0249.5	4261	9.7	164336.1	-0241.5
3992	8.2	151835.3	-0227.7	4082	9.8	155111.6	-0222.0	4172	9.8	161518.5	-0212.8	4262	9.5	164355.4	-0201.6
3993	9.4	151852.9	-0223.4	4083	9.8	155114.5	-0202.8	4173	10.	161535.8	-0258.1	4263	8.8	164409.0	-0223.2
3994	9.6	151928.8	-0203.8	4084	9.2	155115.4	-0235.5	4174	9.8	161558.5	-0219.3	4264	9.0	164414.5	-0231.7
3995	8.1	151946.9	-0231.3	4085	7.9	155120.6	-0239.6	4175	9.5	161614.4	-0207.0	4265	7.0	164433.5	-0232.6
3996	9.7	151953.0	-0254.3	4086	9.4	155154.9	-0224.8	4176	8.8	161616.7	-0237.6	4266	9.7	164458.3	-0246.2
3997	9.8	151953.2	-0231.8	4087	9.7	155202.8	-0212.6	4177	9.2	161655.4	-0207.9	4267	9.6	164502.7	-0246.0
3998	9.3	152009.9	-0214.6	4088	9.8	155215.5	-0203.7	4178	9.5	161702.4	-0206.3	4268	9.5	164510.0	-0226.4
3999	10.	152017.9	-0216.3	4089	9.3	155307.7	-0210.0	4179	7.0	161705.7	-0208.6	4269	9.5	164531.5	-0225.3
4000	9.0	152044.6	-0238.9	4090	9.2	155346.8	-0244.9	4180	8.0	161720.1	-0207.7	4270	10.	164543.7	-0241.0
4001	9.0	152106.7	-0203.6	4091	10.	155346.8	-0240.6	4181	9.2	161720.3	-0201.0	4271	9.9	164609.3	-0259.9
4002	9.8	152118.4	-0221.0	4092	9.1	155422.7	-0246.3	4182	9.2	161729.8	-0212.9	4272	9.3	164631.1	-0254.4
4003	9.6	152154.2	-0224.8	4093	8.8	155431.9	-0256.1	4183	9.3	161746.8	-0212.4	4273	9.5	164632.6	-0234.5
4004	9.1	152216.4	-0219.6	4094	7.9	155515.9	-0203.8	4184	9.2	161804.6	-0236.1	4274	9.6	164738.1	-0229.3
4005	9.3	152254.5	-0254.8	4095	9.5	155532.1	-0251.7	4185	9.6	161807.4	-0258.5	4275	8.1	164802.0	-0213.2
4006	9.2	152302.3	-0229.1	4096	9.3	155536.3	-0243.6	4186	9.5	161820.0	-0218.9	4276	9.5	164812.1	-0229.4
4007	9.4	152318.1	-0216.8	4097	9.9	155536.9	-0237.7	4187	9.1	161916.9	-0206.0	4277	9.4	164820.0	-0256.7
4008	9.0	152358.7	-0214.0	4098	9.2	155548.3	-0257.9	4188	9.5	161919.4	-0233.9	4278	9.3	164831.9	-0255.9
4009	8.0	152418.4	-0201.1	4099	9.5	155553.6	-0226.2	4189	8.1	161924.9	-0239.9	4279	9.5	164859.2	-0229.7
4010	9.5	152420.7	-0238.3	4100	9.4	155618.0	-0247.4	4190	8.5	161927.5	-0233.9	4280	8.8	164915.6	-0212.4
4011	9.2	152421.3	-0209.5	4101	9.8	155637.0	-0218.8	4191	9.8	161945.2	-0259.3	4281	8.4	164933.7	-0247.3
4012	9.0	152506.8	-0258.5	4102	9.4	155642.3	-0249.2	4192	9.9	161956.2	-0246.0	4282	9.1	164955.5	-0241.0
4013	9.4	152605.5	-0249.6	4103	9.1	155709.3	-0248.9	4193	9.1	161957.6	-0230.6	4283	7.0	165003.3	-0247.1
4014	7.9	152605.5	-0248.8	4104	9.8	155722.5	-0216.4	4194	9.5	162010.0	-0220.0	4284	9.1	165107.7	-0229.1
4015	8.0	152645.2	-0213.9	4105	7.7	155746.7	-0256.8	4195	9.8	162106.1	-0256.9	4285	8.5	165117.8	-0246.4
4016	7.8	152658.7	-0227.3	4106	9.5	155828.0	-0259.1	4196	9.8	162107.1	-0249.2	4286	9.4	165202.0	-0256.8
4017	9.7	152728.7	-0241.6	4107	9.6	155842.3	-0224.7	4197	9.5	162206.9	-0235.4	4287	9.5	165206.8	-0248.6
4018	8.4	152731.4	-0250.1	4108	8.4	155848.6	-0255.6	4198	9.9	162211.3	-0216.4	4288	9.6	165257.5	-0246.4
4019	9.5	152738.1	-0205.1	4109	9.0	155851.4	-0209.7	4199	8.5	162218.8	-0223.5	4289	9.7	165341.2	-0235.0
4020	8.8	152838.4	-0217.8	4110	9.0	155858.1	-0221.4	4200	9.6	162224.4	-0238.7	4290	9.8	165410.0	-0250.8
4021	8.3	152841.0	-0202.2	4111	8.4	155923.9	-0251.3	4201	9.1	162318.2	-0211.7	4291	8.8	165431.7	-0205.0
4022	9.5	152849.5	-0258.7	4112	9.1	155938.6	-0227.7	4202	9.0	162405.5	-0242.7	4292	9.4	165603.2	-0247.2
4023	9.0	152855.8	-0254.6	4113	8.0	160003.9	-0215.2	4203	8.8	162453.2	-0222.9	4293	9.5	165611.2	-0239.5
4024	9.4	152901.5	-0202.6	4114	9.5	160039.2	-0257.2	4204	9.3	162501.6	-0213.5	4294	7.8	165628.1	-0222.3
4025	9.0	152910.7	-0220.6	4115	9.9	160046.0	-0259.6	4205	9.5	162502.3	-0203.7	4295	9.1	165648.2	-0230.3
4026	9.2	152921.5	-0213.0	4116	8.8	160111.0	-0226.5	4206	9.7	162511.4	-0231.2	4296	9.5	165650.2	-0221.1
4027	9.3	152952.7	-0224.2	4117	9.8	160129.3	-0224.1	4207	9.3	162609.3	-0219.3	4297	9.5	165659.1	-0210.3
4028	9.8	153000.8	-0234.5	4118	9.8	160156.9	-0239.3	4208	9.5	162703.4	-0200.1	4298	9.5	165659.6	-0214.5
4029	9.3	153028.7	-0221.3	4119	9.5	160245.0	-0202.0	4209	9.8	162723.0	-0256.7	4299	9.0	165736.7	-0234.9
4030	8.0	153116.7	-0220.9	4120	9.1	160246.9	-0202.4	4210	9.2	162739.1	-0241.3	4300	9.3	165852.7	-0218.1
4031	9.1	153248.2	-0203.3	4121	9.7	160251.7	-0248.6	4211	5.5	162845.5	-0200.7	4301	8.5	165857.2	-0223.2
4032	9.8	153259.8	-0213.8	4122	9.8	160306.7	-0237.4	4212	9.5	162900.5	-0237.5	4302	8.5	165917.2	-0204.7
4033	9.0	153303.3	-0243.8	4123	9.8	160357.5	-0220.8	4213	8.5	162927.0	-0221.9	4303	9.4	165921.2	-0256.1
4034	7.9	153352.9	-0209.9	4124	9.5	160406.0	-0222.6	4214	9.0	162927.8	-0221.0	4304	7.3	165938.9	-0240.1
4035	9.1	153356.2	-0201.4	4125	9.1	160429.1	-0228.0	4215	9.8	162939.6	-0241.1	4305	9.1	170026.7	-0229.0
4036	9.5	153411.2	-0246.9	4126	9.5	160445.0	-0249.1	4216	9.0	162942.0	-0214.8	4306	9.5	170157.8	-0224.9
4037	9.2	153518.4	-0259.6	4127	9.8	160500.1	-0247.5	4217	9.1	162946.1	-0245.0	4307	9.7	170200.0	-0227.9
4038	9.4	153538.3	-0250.1	4128	9.7	160506.2	-0213.5	4218	9.5	163040.5	-0230.6	4308	9.4	170234.5	-0240.9
4039	9.5	153541.6	-0220.0	4129	9.8	160523.0	-0212.8	4219	8.0	163046.5	-0208.1	4309	9.5	170257.6	-0250.3
4040	8.3	153646.7	-0232.8	4130	8.9	160601.6	-0232.9	4220	9.2	163049.5	-0258.2	4310	9.5	170331.2	-0209.4
4041	9.4	153721.5	-0204.4	4131	9.4	160607.0	-0205.0	4221	9.2	163050.7	-0247.7	4311	9.4	170351.9	-0257.5
4042	9.8	153851.9	-0229.7	4132	9.3	160633.1	-0202.0	4222	9.6	163058.5	-0224.8	4312	9.3	170446.4	-0244.8
4043	9.5	153909.8	-0257.7	4133	9.8	160634.1	-0235.7	4223	9.2	163111.0	-0232.5	4313	8.4	170518.7	-0205.4
4044	8.2	153943.9	-0209.7	4134	9.0	160640.4	-0243.0	4224	9.8	163125.0	-0211.7	4314	8.5	170603.2	-0230.8
4045	9.8	154014.0	-0207.8	4135	9.6	160644.4	-0259.8	4225	9.3	163130.7	-0231.8	4315	9.8	170606.3	-0253.3
4046	9.4	154020.0	-0209.3	4136	9.8	160646.7	-0242.8	4226	7.3	163149.1	-0249.0	4316	9.8	170616.2	-0233.2
4047	9.0	154050.9	-0230.8	4137	9.8	160656.1	-0225.4	4227	8.5	163216.5	-0234.1	4317	9.6	170621.8	-0235.6
4048	9.5	154051.1	-0214.4	4138	9.8	160701.2	-0249.7	4228	9.8	163242.5	-0203.2	4318	9.3	170650.7	-0201.9
4049	9.8	154107.7	-0244.0	4139	9.3	160715.1	-0234.5	4229	9.3	163317.4	-0246.8	4319	9.5	170654.3	-0257.0
4050	9.5	154124.0	-0212.6	4140	9.8	160715.9	-0212.8	4230	7.0	163334.5	-0233.6	4320	9.8	170702.5	-0230.9
4051	8.2	154137.9	-0247.1	4141	9.6	160716.4	-0245.6	4231	9.0	163406.5	-0218.7	4321	7.5	170724.7	-0219.7
4052	3.8	154202.9	-0258.8	4142	9.4	160725.2	-0258.2	4232	9.5	163409.9	-0203.1	4322	9.8	170748.2	-0222.2
4053	9.4	154230.4	-0225.1	4143	9.6	160725.2	-0231.9	4233	9.5	163536.0	-0217.4	4323	9.2	170902.7	-0207.1
4054	9.0	154231.3	-0244.2	4144	8.5	160728.7	-0228.5	4234	8.5	163616.0	-0226.8	4324	9.5	170906.8	-0249.6
4055	8.5	154249.9	-0236.5	4145	9.1	160751.9	-0204.4	4235	8.0	163623.2	-0221.3	4325	9.7	170908.2	-0253.1
4056	9.7	154254.5	-0221.0	4146	9.6	160804.5	-0201.5	4236	9.6	163629.0	-0202.9	4326	8.3	170921.4	-0242.8
4057	9.6	154321.2	-0246.5	4147	9.8	160840.4	-0232.8	4237	9.6	163646.0	-0236.0	4327	9.4	170948.7	-0232.4
4058	5.6	154342.8	-0239.0	4148	9.8	160920.5	-0223.1	4238	9.6	163648.5	-0207.1	4328	9.3	171016.5	-0218.3
4059	10.	154353.7	-0210.5	4149	9.3	160945.6	-0256.4	4239	9.3	163655.1	-0251.4	4329	9.3	171113.7	-0229.2
4060	9.2	154357.1	-0209.6	4150	9.8	160948.5	-0214.3	4240	9.3	163705.5	-0212.0	4330	6.1	171117.2	-0238.7
4061	9.4	154420.6	-0230.7	4151	9.8	160949.3	-0233.5	4241	8.5	163724.7	-0240.0	4331	9.5	171140.2	-0226.5
4062	10.	154546.5	-0229.9	4152	9.8	160954.6	-0251.3	4242	8.9	163736.4	-0248.9	4332	7.0	171147.2	-0235.3
4063	9.8	154549.1	-0217.0	4153	9.3	160956.7	-0259.2	4243	9.8	163746.3	-0234.5	4333	9.3	171147.5	-0211.9
4064	7.5	154549.1	-0235.4	4154	9.9	161019.1	-0219.6	4244	10.	163804.3	-0248.8	4334	9.7	171158.9	-0244.2
4065	9.6	154554.0	-0207.5	4155	9.8	161128.2	-0209.8	4245	9.5	163813.5	-0209.4	4335	9.8	171213.2	-0217.6
4066	9.8	154739.5	-0216.8	4156	9.1	161136.0	-0220.1	4246	7.8	163903.1	-0255.6	4336	9.0	171226.2	-0222.8
4067	9.5	154810.2	-0205.0	4157	9.8	161201.0	-0221.5	4247	9.4	163925.8	-0213.7	4337	9.4	171253.7	-0235.4
4068	9.8	154814.9	-0252.8	4158	9.3	161202.7	-0217.3	4248	8.7	163929.5	-0250.1	4338	8.3	171259.9	-0216.2
4069	9.5	154819.0	-0254.9	4159	9.5	161202.8	-0231.5	4249	9.4	164101.0	-0259.8	4339	9.7	171320.2	-0243.4
4070	9.7	154839.4	-0254.5	4160	8.3	161224.9	-0240.5	4250	9.8	164110.5	-0230.2	4340	9.6	171412.7	-0255.5
4071	9.4	154845.2	-0255.2	4161	9.5	161230.0	-0215.2	4251	9.5	164133.2	-0225.6	4341	9.2	171433.2	-0212.2
4072	9.8	154845.8	-0208.5	4162	9.5	161244.1	-0234.9	4252	9.2	164137.8	-0259.9	4342	9.3	171501.7	-0211.3
4073	9.5	154850.2	-0234.7	4163	9.4	161311.6	-0258.9	4253	9.8	164149.6	-0204.5	4343	6.3	171517.3	-0214.0
4074	9.1	154902.7	-0258.0	4164	9.4	161334.8	-0219.2	4254	8.5	164154.2	-0228.8	4344	9.2	171526.7	-0220.3
4075	9.3	154913.7	-0245.0	4165	9.5	161335.6	-0240.6	4255	9.7	164208.2	-0227.2	4345	9.2	171546.2	-0228.9
4076	9.8	154924.0	-0204.3	4166	9.6	161406.6	-0252.8	4256	9.7	164213.8	-0255.3	4346	7.4	171552.4	-0258.8
4077	8.3	154929.2	-0233.9	4167	10.	161419.0	-0222.8	4257	9.7	164228.5	-0256.3	4347	9.1	171556.4	-0233.0
4078	9.8	154948.0	-0252.7	4168	9.8	161426.2	-0238.9	4258	9.5	164234.1	-0255.5	4348	8.5	171626.0	-0232.5

4349	9.8	171739.1	-0238.8	4439	9.0	173653.7	-0200.9	4529	7.3	175323.4	-0233.5	4619	9.8	181807.0	-0234.4
4350	9.8	171746.2	-0214.0	4440	9.8	173702.0	-0213.6	4530	8.7	175326.2	-0201.3	4620	8.9	181807.7	-0213.3
4351	9.4	171801.7	-0232.7	4441	8.9	173716.6	-0253.8	4531	9.5	175353.1	-0215.6	4621	9.5	181829.5	-0208.5
4352	9.4	171856.3	-0239.5	4442	9.4	173738.2	-0220.6	4532	9.4	175357.7	-0212.7	4622	10.	181839.8	-0234.6
4353	9.6	171905.7	-0243.4	4443	7.3	173739.3	-0241.4	4533	9.0	175423.7	-0207.7	4623	8.9	181846.8	-0258.6
4354	9.5	171915.7	-0216.2	4444	9.3	173747.9	-0257.0	4534	9.1	175504.2	-0236.1	4624	9.8	181939.0	-0223.2
4355	9.8	171921.9	-0241.0	4445	9.3	173803.7	-0214.9	4535	8.5	175523.7	-0212.8	4625	9.1	181945.5	-0231.9
4356	9.3	171938.1	-0254.2	4446	7.5	173857.2	-0247.7	4536	9.7	175524.7	-0252.9	4626	9.6	182006.5	-0230.6
4357	8.1	171943.3	-0215.6	4447	9.3	173902.2	-0252.6	4537	8.5	175524.7	-0236.3	4627	10.	182023.3	-0244.3
4358	9.4	171955.0	-0224.4	4448	9.0	173903.7	-0213.3	4538	9.2	175556.9	-0204.8	4628	9.1	182025.5	-0222.5
4359	9.4	171959.9	-0203.0	4449	9.1	173909.9	-0249.4	4539	9.3	175624.5	-0259.6	4629	9.5	182027.0	-0229.4
4360	9.6	172000.0	-0247.9	4450	9.4	173920.7	-0227.7	4540	9.4	175626.9	-0245.7	4630	9.4	182028.8	-0242.4
4361	9.2	172017.1	-0256.6	4451	9.5	173922.7	-0215.8	4541	9.8	175633.2	-0212.2	4631	9.6	182031.8	-0257.5
4362	9.8	172037.9	-0239.8	4452	9.8	173957.7	-0207.6	4542	9.3	175652.2	-0238.1	4632	9.5	182032.3	-0240.1
4363	9.8	172056.0	-0251.5	4453	9.7	174010.0	-0220.3	4543	9.5	175721.2	-0236.3	4633	9.4	182044.8	-0255.6
4364	9.4	172057.2	-0233.1	4454	9.8	174010.2	-0218.7	4544	9.1	175742.8	-0227.4	4634	9.6	182047.5	-0227.9
4365	9.8	172104.7	-0234.2	4455	9.9	174023.6	-0241.0	4545	9.7	175744.2	-0230.3	4635	9.9	182052.1	-0240.9
4366	9.5	172121.7	-0225.4	4456	9.5	174031.7	-0202.2	4546	9.3	175807.6	-0243.8	4636	9.8	182052.9	-0236.4
4367	9.5	172123.1	-0215.6	4457	9.7	174100.2	-0247.7	4547	9.1	175820.1	-0227.0	4637	9.0	182131.5	-0227.3
4368	9.1	172138.7	-0200.3	4458	8.0	174103.7	-0208.5	4548	9.3	175912.2	-0223.8	4638	8.3	182139.9	-0251.8
4369	9.1	172147.0	-0240.0	4459	9.8	174112.2	-0208.3	4549	8.4	175924.7	-0207.8	4639	9.1	182155.8	-0226.0
4370	9.5	172150.7	-0220.0	4460	9.5	174114.4	-0212.6	4550	9.5	175934.2	-0239.7	4640	9.3	182158.5	-0207.9
4371	9.1	172206.0	-0258.3	4461	8.5	174200.6	-0210.5	4551	9.0	175938.7	-0203.3	4641	5.8	182208.4	-0204.1
4372	9.6	172212.6	-0251.7	4462	9.5	174201.1	-0236.2	4552	8.3	175956.7	-0231.4	4642	8.5	182234.2	-0241.3
4373	9.1	172223.7	-0202.3	4463	9.8	174203.3	-0240.7	4553	9.5	180003.3	-0241.7	4643	9.0	182248.9	-0242.6
4374	9.0	172258.2	-0206.2	4464	10.	174217.2	-0224.4	4554	8.6	180022.9	-0232.2	4644	9.4	182301.5	-0216.4
4375	8.5	172305.6	-0234.6	4465	9.0	174230.7	-0229.3	4555	9.5	180025.2	-0233.9	4645	9.5	182303.4	-0220.7
4376	9.1	172324.0	-0246.4	4466	10.	174239.2	-0222.9	4556	9.0	180036.2	-0202.8	4646	9.5	182410.5	-0229.4
4377	6.8	172326.7	-0242.7	4467	9.8	174306.2	-0201.2	4557	9.9	180041.1	-0243.4	4647	7.5	182411.5	-0230.3
4378	9.2	172336.2	-0223.0	4468	9.2	174308.2	-0226.5	4558	6.5	180103.3	-0255.4	4648	9.5	182419.4	-0219.1
4379	9.3	172341.7	-0242.6	4469	9.0	174324.9	-0248.8	4559	9.3	180119.6	-0200.2	4649	9.5	182511.8	-0250.2
4380	9.1	172346.2	-0235.9	4470	9.8	174341.2	-0239.0	4560	9.4	180120.7	-0256.0	4650	8.8	182518.9	-0208.0
4381	8.0	172354.2	-0224.9	4471	9.7	174347.4	-0254.2	4561	9.8	180202.2	-0220.9	4651	8.6	182523.3	-0202.6
4382	9.4	172355.5	-0250.0	4472	9.3	174352.2	-0215.3	4562	9.5	180231.7	-0200.3	4652	9.5	182615.9	-0200.2
4383	9.7	172413.3	-0244.3	4473	9.5	174356.7	-0216.0	4563	9.4	180253.3	-0245.9	4653	8.0	182621.6	-0255.5
4384	9.5	172416.7	-0254.2	4474	9.8	174407.9	-0225.3	4564	7.9	180306.2	-0259.6	4654	9.6	182627.5	-0234.8
4385	9.8	172417.2	-0231.6	4475	9.7	174407.9	-0200.8	4565	9.5	180326.7	-0232.8	4655	9.0	182637.4	-0208.9
4386	10.	172412.2	-0212.0	4476	9.1	174429.9	-0257.8	4566	7.5	180405.6	-0245.1	4656	9.5	182637.4	-0206.4
4387	9.1	172452.1	-0239.2	4477	8.5	174443.0	-0259.0	4567	9.5	180422.6	-0240.2	4657	9.3	182646.0	-0235.4
4388	9.3	172455.2	-0225.8	4478	9.8	174451.2	-0222.7	4568	8.9	180434.1	-0216.9	4658	8.5	182712.1	-0201.3
4389	9.3	172453.7	-0221.9	4479	9.4	174453.6	-0248.5	4569	9.1	180429.2	-0208.7	4659	9.8	182716.0	-0244.8
4390	9.1	172531.2	-0244.2	4480	8.0	174526.2	-0212.7	4570	9.8	180441.0	-0205.8	4660	9.5	182736.9	-0250.8
4391	9.2	172533.0	-0239.5	4481	8.7	174530.0	-0254.5	4571	9.8	180527.0	-0256.1	4661	9.0	182807.0	-0225.7
4392	9.5	172551.0	-0239.4	4482	7.5	174530.0	-0232.1	4572	9.5	180531.7	-0233.2	4662	10.	182821.9	-0226.1
4393	9.5	172557.2	-0233.6	4483	9.5	174535.2	-0230.2	4573	9.5	180535.0	-0246.2	4663	9.5	182831.2	-0206.7
4394	9.5	172558.2	-0232.2	4484	9.8	174547.0	-0240.5	4574	9.8	180605.7	-0210.5	4664	8.6	182831.3	-0229.2
4395	9.3	172607.1	-0239.4	4485	8.3	174547.6	-0202.3	4575	9.1	180612.3	-0254.5	4665	9.8	182842.0	-0213.4
4396	9.8	172615.7	-0214.0	4486	9.0	174550.7	-0236.0	4576	9.5	180637.2	-0254.0	4666	9.5	182852.4	-0227.5
4397	9.5	172619.0	-0257.2	4487	8.8	174610.9	-0244.6	4577	8.4	180652.6	-0239.7	4667	8.7	182856.8	-0236.2
4398	7.0	172632.7	-0256.8	4488	9.5	174622.2	-0214.3	4578	7.8	180702.1	-0238.2	4668	9.0	182904.0	-0217.6
4399	9.8	172640.2	-0212.6	4489	9.4	174630.7	-0221.2	4579	8.5	180713.7	-0232.6	4669	8.9	182905.3	-0203.8
4400	9.4	172648.6	-0228.1	4490	9.8	174640.2	-0231.3	4580	9.2	180749.1	-0215.4	4670	9.3	182910.0	-0252.8
4401	9.4	172649.2	-0230.6	4491	9.8	174646.9	-0258.1	4581	9.1	180759.7	-0231.0	4671	9.1	182927.2	-0250.1
4402	7.5	172756.6	-0247.4	4492	9.5	174705.7	-0203.8	4582	9.5	180817.2	-0201.4	4672	10.	182932.5	-0227.7
4403	9.7	172828.3	-0257.0	4493	9.6	174708.1	-0216.1	4583	9.5	180934.6	-0208.4	4673	9.2	182937.0	-0229.9
4404	9.4	172833.3	-0251.4	4494	9.5	174717.7	-0202.7	4584	9.6	180938.2	-0222.4	4674	9.6	182941.1	-0243.3
4405	9.0	172850.0	-0216.3	4495	9.6	174718.7	-0255.1	4585	9.7	180942.3	-0230.4	4675	9.8	182946.2	-0235.3
4406	9.8	172853.7	-0224.3	4496	9.8	174728.2	-0234.4	4586	9.3	181001.3	-0251.1	4676	9.5	182946.4	-0246.7
4407	9.5	172900.6	-0223.5	4497	9.4	174743.6	-0238.4	4587	8.8	181009.6	-0201.6	4677	9.8	183019.5	-0222.7
4408	8.4	172902.7	-0205.7	4498	9.8	174807.0	-0226.9	4588	8.2	181029.6	-0205.2	4678	7.0	183023.2	-0242.5
4409	9.1	172913.2	-0223.6	4499	9.8	174813.0	-0234.5	4589	9.0	181047.9	-0240.7	4679	9.5	183030.0	-0239.4
4410	8.5	172924.8	-0240.5	4500	8.5	174818.2	-0244.8	4590	9.3	181059.8	-0250.5	4680	9.1	183042.2	-0243.0
4411	9.7	172933.0	-0221.4	4501	9.1	174819.5	-0212.8	4591	8.5	181101.8	-0238.8	4681	9.7	183045.5	-0214.4
4412	9.4	172942.7	-0237.7	4502	9.8	174846.2	-0208.6	4592	9.0	181122.3	-0234.5	4682	9.3	183102.6	-0241.6
4413	7.3	172944.2	-0246.9	4503	9.5	174851.2	-0243.1	4593	9.0	181155.7	-0212.2	4683	9.0	183103.5	-0209.2
4414	8.6	172950.3	-0255.0	4504	8.2	174853.2	-0246.5	4594	9.2	181202.3	-0229.9	4684	9.5	183134.3	-0224.0
4415	9.8	173000.2	-0218.3	4505	9.0	174857.6	-0212.4	4595	9.5	181210.5	-0252.3	4685	9.2	183135.3	-0224.9
4416	9.8	173013.3	-0223.4	4506	9.8	174923.7	-0227.1	4596	8.5	181332.7	-0249.8	4686	7.5	183141.4	-0204.4
4417	9.8	173037.2	-0233.7	4507	9.7	174939.2	-0201.0	4597	8.2	181336.3	-0225.2	4687	9.1	183147.2	-0246.1
4418	9.3	173042.0	-0259.0	4508	9.5	175000.9	-0240.5	4598	9.3	181345.1	-0249.3	4688	9.9	183212.7	-0252.4
4419	9.8	173121.1	-0238.6	4509	8.9	175007.5	-0239.9	4599	3.0	181347.9	-0256.1	4689	9.8	183220.6	-0250.7
4420	9.5	173135.3	-0243.5	4510	9.0	175022.7	-0250.0	4600	9.5	181348.9	-0251.5	4690	9.1	183226.5	-0210.4
4421	9.6	173152.0	-0252.3	4511	8.3	175038.2	-0207.7	4601	9.3	181402.2	-0206.2	4691	9.7	183228.4	-0244.9
4422	9.0	173158.7	-0253.4	4512	9.2	175039.0	-0213.6	4602	9.0	181406.8	-0205.2	4692	10.	183240.1	-0247.5
4423	9.5	173213.3	-0233.4	4513	9.4	175043.2	-0214.9	4603	9.4	181413.5	-0227.6	4693	9.7	183255.9	-0246.9
4424	9.5	173216.5	-0241.1	4514	9.4	175043.2	-0259.5	4604	9.5	181413.8	-0245.0	4694	9.0	183259.0	-0223.1
4425	6.2	173239.6	-0204.1	4515	10.	175109.8	-0248.2	4605	9.5	181500.1	-0236.9	4695	9.5	183306.8	-0225.9
4426	9.2	173253.7	-0209.2	4516	9.9	175111.8	-0243.5	4606	9.8	181512.0	-0216.2	4696	9.2	183307.4	-0249.6
4427	8.0	173256.9	-0246.7	4517	10.	175122.1	-0245.1	4607	9.4	181515.0	-0206.6	4697	9.5	183338.5	-0231.8
4428	9.5	173300.7	-0217.2	4518	8.9	175127.2	-0240.3	4608	9.5	181544.4	-0210.1	4698	9.5	183340.0	-0255.6
4429	9.3	173329.8	-0255.1	4519	9.2	175145.0	-0243.1	4609	8.7	181559.5	-0232.0	4699	9.8	183340.6	-0206.6
4430	9.4	173406.1	-0256.9	4520	9.8	175152.2	-0221.2	4610	9.3	181616.9	-0202.3	4700	9.6	183343.7	-0202.8
4431	9.2	173427.2	-0221.9	4521	9.4	175153.4	-0226.6	4611	9.1	181623.9	-0205.8	4701	9.0	183344.6	-0236.1
4432	9.6	173431.2	-0214.1	4522	9.8	175200.7	-0219.5	4612	9.4	181623.9	-0204.7	4702	9.7	183345.9	-0201.1
4433	7.8	173456.2	-0220.6	4523	8.9	175208.2	-0235.6	4613	7.7	181625.0	-0232.0	4703	9.4	183346.5	-0215.8
4434	9.7	173507.5	-0249.9	4524	9.5	175220.7	-0235.3	4614	9.4	181706.0	-0217.5	4704	9.8	183357.6	-0247.3
4435	9.1	173516.4	-0203.9	4525	8.5	175224.1	-0226.8	4615	8.5	181719.2	-0206.1	4705	10.	183422.5	-0219.3
4436	7.8	173538.2	-0213.3	4526	9.8	175239.8	-0206.2	4616	10.	181732.1	-0252.6	4706	10.	183424.6	-0232.1
4437	8.9	173547.6	-0254.5	4527	9.4	175256.9	-0205.4	4617	9.8	181735.5	-0232.1	4707	9.9	183425.1	-0242.3
4438	9.7	173601.9	-0247.8	4528	8.0	175300.1	-0217.7	4618	9.5	181735.5	-0210.4	4708	9.4	183426.1	-0238.6

-02 4709 18h34m

-02 5068 19h30m

4709	9.9	183427.3	-0244.5	4799	9.4	184936.2	-0216.5	4889	9.5	190506.6	-0257.2	4979	9.4	191727.1	-0239.1
4710	9.2	183441.4	-0227.7	4800	9.9	184938.3	-0214.3	4890	9.5	190517.7	-0240.3	4980	9.5	191727.2	-0220.6
4711	9.5	183442.2	-0226.2	4801	9.8	184952.6	-0230.4	4891	9.5	190524.1	-0232.9	4981	9.5	191735.3	-0223.1
4712	9.2	183444.0	-0212.3	4802	9.3	184956.5	-0235.8	4892	9.7	190530.9	-0209.9	4982	8.7	191745.5	-0223.0
4713	9.5	183448.0	-0210.5	4803	9.9	185002.8	-0239.9	4893	10.	190531.8	-0213.5	4983	9.1	191746.2	-0224.8
4714	9.6	183454.0	-0244.3	4804	8.9	185018.4	-0207.6	4894	9.4	190545.1	-0237.0	4984	9.5	191749.7	-0210.0
4715	9.5	183505.0	-0216.3	4805	9.7	185026.6	-0235.1	4895	9.5	190548.6	-0225.8	4985	9.4	191803.4	-0218.9
4716	10.	183509.7	-0241.2	4806	9.8	185050.1	-0225.5	4896	9.6	190606.9	-0204.2	4986	7.0	191805.2	-0220.4
4717	8.7	183523.9	-0205.8	4807	9.8	185106.5	-0211.3	4897	8.3	190615.7	-0204.6	4987	9.0	191812.1	-0207.0
4718	9.0	183556.0	-0210.5	4808	9.8	185112.5	-0228.9	4898	9.4	190617.1	-0250.6	4988	9.4	191813.0	-0226.0
4719	9.6	183611.6	-0230.7	4809	9.2	185117.1	-0253.6	4899	9.0	190619.6	-0258.6	4989	9.5	191819.6	-0245.1
4720	8.0	183624.5	-0212.5	4810	9.8	185121.8	-0205.7	4900	9.8	190626.5	-0223.6	4990	9.8	191834.2	-0205.8
4721	9.5	183629.1	-0231.4	4811	9.8	185140.7	-0257.9	4901	8.9	190628.7	-0203.5	4991	9.5	191848.8	-0229.2
4722	9.4	183633.3	-0216.1	4812	9.8	185141.1	-0239.9	4902	9.1	190641.5	-0222.0	4992	7.8	191850.2	-0213.9
4723	9.5	183644.6	-0224.2	4813	8.9	185155.9	-0203.5	4903	9.7	190648.5	-0212.6	4993	9.5	191855.2	-0220.0
4724	9.5	183645.0	-0215.9	4814	9.5	185200.3	-0258.9	4904	9.8	190653.5	-0218.2	4994	9.4	191904.7	-0209.0
4725	9.3	183646.4	-0240.0	4815	9.1	185207.1	-0247.8	4905	8.5	190655.6	-0240.0	4995	9.5	191906.8	-0231.8
4726	8.5	183648.6	-0237.6	4816	9.8	185210.4	-0207.1	4906	9.1	190703.3	-0210.5	4996	9.8	191945.8	-0256.3
4727	9.6	183708.4	-0242.1	4817	9.3	185225.4	-0233.0	4907	9.1	190709.3	-0210.2	4997	9.5	191947.8	-0242.9
4728	9.5	183715.0	-0256.0	4818	9.8	185241.0	-0225.8	4908	9.8	190714.0	-0215.2	4998	7.5	191950.0	-0218.4
4729	9.9	183744.4	-0205.4	4819	8.6	185251.4	-0239.3	4909	9.8	190714.5	-0211.9	4999	9.7	192000.3	-0249.2
4730	10.	183751.4	-0207.3	4820	9.8	185318.6	-0251.6	4910	9.8	190717.1	-0250.0	5000	10.	192014.5	-0245.8
4731	9.9	183812.3	-0226.5	4821	9.5	185323.4	-0240.1	4911	10.	190755.2	-0215.2	5001	9.4	192023.7	-0230.7
4732	8.8	183812.6	-0207.3	4822	9.8	185325.5	-0221.0	4912	8.3	190809.6	-0249.7	5002	9.5	192033.5	-0216.7
4733	9.5	183827.7	-0252.3	4823	9.8	185335.4	-0251.5	4913	8.5	190817.3	-0215.8	5003	8.8	192041.9	-0245.3
4734	8.8	183832.5	-0210.9	4824	9.5	185337.1	-0240.5	4914	9.2	190829.1	-0253.1	5004	9.5	192055.2	-0254.2
4735	9.5	183846.4	-0252.7	4825	9.5	185402.1	-0244.0	4915	9.8	190831.5	-0216.7	5005	9.4	192057.3	-0247.7
4736	9.1	183908.4	-0243.8	4826	9.5	185405.9	-0205.4	4916	8.5	190841.3	-0255.1	5006	9.5	192106.8	-0224.9
4737	9.1	183916.5	-0209.8	4827	9.0	185409.4	-0208.1	4917	8.9	190843.5	-0211.8	5007	9.1	192109.7	-0249.8
4738	8.8	183917.3	-0231.5	4828	9.5	185437.0	-0210.3	4918	8.5	190848.6	-0222.8	5008	9.4	192119.6	-0240.6
4739	9.4	183917.4	-0238.4	4829	9.8	185439.6	-0228.1	4919	9.5	190902.9	-0212.1	5009	9.8	192128.3	-0239.2
4740	9.0	183931.3	-0235.5	4830	9.7	185443.2	-0256.7	4920	8.6	190903.0	-0228.4	5010	9.5	192139.7	-0200.2
4741	9.4	183932.4	-0208.2	4831	9.8	185452.7	-0207.0	4921	9.5	190905.0	-0245.5	5011	9.0	192159.0	-0223.6
4742	10.	183940.0	-0208.9	4832	9.5	185500.5	-0228.8	4922	9.6	190913.1	-0216.0	5012	9.5	192201.3	-0229.1
4743	9.9	183945.6	-0249.1	4833	9.7	185517.5	-0216.8	4923	9.4	190923.5	-0221.3	5013	9.8	192210.2	-0258.5
4744	9.5	184004.7	-0241.7	4834	9.4	185520.1	-0229.3	4924	8.3	190925.7	-0212.3	5014	9.1	192212.2	-0221.4
4745	9.2	184009.5	-0209.8	4835	9.3	185543.2	-0244.3	4925	9.3	190934.3	-0243.2	5015	9.8	192221.8	-0244.4
4746	9.7	184018.0	-0239.2	4836	9.8	185548.0	-0212.3	4926	9.8	190934.3	-0229.4	5016	9.6	192247.0	-0254.0
4747	9.8	184021.2	-0258.9	4837	9.3	185549.7	-0219.7	4927	9.5	190939.0	-0201.4	5017	9.5	192248.0	-0227.6
4748	9.3	184033.0	-0215.6	4838	9.5	185610.3	-0229.0	4928	9.4	190940.3	-0230.6	5018	9.3	192251.8	-0233.5
4749	9.0	184049.0	-0228.1	4839	8.3	185618.9	-0203.8	4929	9.3	190943.2	-0247.7	5019	9.	192259.2	-0237.2
4750	9.8	184103.4	-0203.6	4840	8.5	185638.0	-0214.1	4930	9.5	191046.4	-0201.7	5020	9.5	192259.3	-0243.5
4751	8.7	184122.4	-0239.5	4841	9.6	185648.5	-0259.1	4931	9.5	191048.5	-0258.0	5021	9.4	192327.5	-0240.3
4752	9.4	184153.1	-0230.7	4842	9.8	185709.6	-0224.0	4932	9.0	191050.1	-0223.5	5022	7.7	192327.6	-0219.5
4753	9.5	184201.0	-0217.9	4843	9.8	185719.8	-0252.7	4933	9.4	191105.5	-0254.7	5023	9.5	192336.2	-0234.9
4754	9.5	184209.4	-0206.8	4844	9.4	185728.5	-0215.9	4934	9.4	191107.0	-0208.7	5024	7.3	192343.2	-0224.3
4755	9.8	184247.6	-0256.9	4845	9.3	185740.1	-0235.8	4935	9.2	191108.6	-0208.8	5025	9.1	192408.9	-0236.2
4756	9.4	184248.2	-0200.8	4846	9.8	185748.0	-0221.8	4936	9.7	191202.1	-0258.1	5026	9.0	192416.1	-0223.6
4757	8.9	184249.0	-0218.0	4847	9.5	185752.7	-0243.9	4937	9.1	191206.7	-0222.5	5027	9.0	192420.7	-0240.3
4758	9.0	184255.1	-0235.5	4848	9.8	185758.6	-0230.0	4938	9.3	191212.2	-0226.7	5028	9.4	192431.7	-0241.6
4759	9.3	184306.1	-0253.2	4849	9.8	185759.4	-0210.3	4939	9.5	191227.5	-0226.2	5029	9.6	192447.6	-0216.2
4760	9.4	184324.1	-0247.9	4850	9.6	185811.7	-0241.1	4940	9.7	191230.1	-0254.8	5030	9.8	192504.8	-0253.4
4761	8.9	184352.1	-0252.0	4851	9.0	185817.7	-0225.4	4941	9.7	191230.9	-0248.7	5031	9.4	192513.8	-0227.6
4762	9.0	184406.5	-0208.7	4852	10.	185822.0	-0252.4	4942	9.5	191237.0	-0202.3	5032	9.4	192544.2	-0220.3
4763	9.8	184428.1	-0225.8	4853	9.0	185830.7	-0228.4	4943	7.8	191240.7	-0251.7	5033	9.3	192547.3	-0222.5
4764	9.4	184441.5	-0209.5	4854	9.2	185835.4	-0203.0	4944	9.5	191252.8	-0202.4	5034	9.8	192551.0	-0245.0
4765	8.7	184454.1	-0250.1	4855	9.3	185857.1	-0229.8	4945	9.7	191253.0	-0245.4	5035	9.6	192559.4	-0207.3
4766	10.	184455.0	-0232.5	4856	9.5	185914.4	-0240.6	4946	7.3	191303.0	-0244.9	5036	8.5	192600.0	-0211.1
4767	9.4	184455.1	-0225.8	4857	9.2	185918.3	-0242.7	4947	9.5	191308.7	-0215.0	5037	9.7	192602.5	-0252.2
4768	8.5	184507.6	-0224.7	4858	9.8	185928.9	-0205.1	4948	9.5	191327.1	-0250.6	5038	8.6	192620.8	-0228.9
4769	9.1	184513.5	-0259.6	4859	9.2	185930.5	-0217.8	4949	9.5	191349.0	-0248.0	5039	9.1	192632.3	-0219.2
4770	9.8	184524.5	-0208.2	4860	9.1	185938.2	-0225.1	4950	8.5	191402.7	-0245.4	5040	8.8	192636.2	-0216.7
4771	9.8	184528.7	-0254.5	4861	9.4	185951.5	-0222.2	4951	9.3	191406.5	-0215.3	5041	9.5	192640.4	-0207.2
4772	9.8	184533.0	-0211.6	4862	9.8	185956.1	-0230.3	4952	9.8	191408.7	-0236.0	5042	9.3	192640.5	-0223.8
4773	8.8	184539.5	-0236.5	4863	9.8	185957.9	-0208.8	4953	9.2	191409.7	-0251.8	5043	9.4	192647.8	-0230.3
4774	9.4	184550.4	-0247.7	4864	9.0	185958.1	-0243.5	4954	9.0	191412.5	-0250.8	5044	9.3	192657.8	-0228.7
4775	9.8	184556.8	-0235.2	4865	9.0	190009.9	-0240.4	4955	9.3	191413.5	-0224.7	5045	9.5	192708.3	-0257.6
4776	9.8	184557.6	-0225.8	4866	9.4	190015.0	-0258.3	4956	8.0	191415.1	-0206.4	5046	9.8	192708.4	-0233.5
4777	9.8	184601.5	-0221.2	4867	9.4	190033.5	-0214.0	4957	9.4	191424.7	-0237.4	5047	9.5	192716.0	-0258.0
4778	9.5	184638.8	-0223.4	4868	9.0	190038.6	-0241.0	4958	9.8	191425.4	-0213.2	5048	8.5	192732.8	-0230.4
4779	9.1	184643.4	-0203.9	4869	9.8	190051.5	-0212.9	4959	9.8	191433.3	-0249.8	5049	8.9	192739.1	-0233.9
4780	9.2	184710.4	-0244.8	4870	9.6	190054.1	-0238.2	4960	9.8	191440.6	-0217.7	5050	9.4	192739.1	-0211.8
4781	9.5	184714.4	-0239.6	4871	9.8	190114.1	-0201.0	4961	9.7	191458.3	-0254.5	5051	9.1	192742.9	-0238.5
4782	8.8	184733.4	-0203.3	4872	7.0	190119.3	-0230.8	4962	9.4	191505.6	-0218.9	5052	9.0	192812.6	-0245.3
4783	9.8	184749.5	-0237.2	4873	9.8	190151.5	-0219.8	4963	9.2	191513.4	-0214.9	5053	9.5	192813.6	-0257.1
4784	8.0	184759.6	-0229.1	4874	9.3	190223.0	-0208.0	4964	9.1	191515.4	-0202.4	5054	7.7	192817.7	-0245.7
4785	9.8	184804.0	-0211.9	4875	9.5	190223.3	-0257.1	4965	9.2	191524.4	-0200.9	5055	9.4	192823.7	-0216.7
4786	9.8	184828.6	-0248.3	4876	9.8	190230.1	-0252.6	4966	9.5	191527.3	-0257.7	5056	8.9	192838.0	-0254.0
4787	9.8	184834.0	-0211.6	4877	9.6	190234.6	-0213.1	4967	9.6	191531.8	-0205.6	5057	8.3	192847.2	-0238.2
4788	9.2	184848.6	-0223.5	4878	9.0	190254.4	-0240.8	4968	9.7	191538.7	-0251.7	5058	9.4	192902.5	-0221.4
4789	9.3	184849.1	-0240.2	4879	9.2	190305.5	-0226.4	4969	9.8	191542.2	-0211.8	5059	9.2	192914.1	-0259.4
4790	9.5	184850.5	-0246.6	4880	9.3	190333.4	-0254.1	4970	9.8	191544.2	-0215.6	5060	9.8	192916.3	-0230.1
4791	9.7	184908.9	-0206.2	4881	7.7	190336.9	-0252.2	4971	9.8	191551.8	-0238.7	5061	9.4	192917.4	-0225.5
4792	9.5	184911.6	-0226.3	4882	9.3	190342.0	-0221.9	4972	9.8	191619.4	-0209.1	5062	9.5	192955.8	-0230.5
4793	9.8	184919.3	-0230.6	4883	9.8	190344.6	-0242.7	4973	9.1	191633.7	-0225.9	5063	9.2	192956.8	-0204.0
4794	9.5	184919.5	-0235.8	4884	9.5	190347.4	-0201.2	4974	9.0	191644.9	-0208.4	5064	9.5	193006.9	-0216.2
4795	9.5	184924.1	-0237.5	4885	8.8	190415.8	-0236.7	4975	9.0	191654.0	-0204.2	5065	9.2	193016.6	-0253.2
4796	10.	184924.5	-0243.9	4886	8.9	190428.9	-0246.3	4976	9.3	191706.6	-0206.0	5066	8.9	193017.3	-0245.3
4797	9.7	184924.7	-0252.9	4887	9.8	190454.7	-0215.5	4977	9.8	191707.5	-0245.9	5067	9.5	193026.0	-0219.9
4798	8.9	184926.1	-0248.0	4888	9.5	190501.6	-0249.7	4978	8.9	191726.3	-0243.7	5068	9.0	193034.4	-0251.9

-02 5069 19h31m

-02 5428 20h54m

5069	9.8	193100.5	-0248.8	5159	7.0	195210.0	-0221.1	5249	9.5	201315.7	-0235.3	5339	9.6	203419.2	-0247.5
5070	9.5	193108.7	-0203.1	5160	9.0	195212.0	-0254.0	5250	9.5	201320.3	-0246.6	5340	9.2	203425.0	-0258.6
5071	9.3	193120.6	-0254.6	5161	9.5	195217.6	-0210.3	5251	9.8	201324.5	-0204.3	5341	9.5	203434.6	-0200.6
5072	9.5	193140.0	-0256.2	5162	9.5	195249.5	-0225.5	5252	9.6	201325.1	-0201.4	5342	9.9	203437.9	-0248.7
5073	9.5	193145.7	-0203.1	5163	9.2	195307.4	-0203.0	5253	9.5	201340.4	-0207.6	5343	7.6	203454.4	-0250.4
5074	9.8	193240.3	-0255.5	5164	9.4	195316.4	-0253.1	5254	9.1	201343.0	-0204.7	5344	9.8	203504.9	-0241.2
5075	8.5	193241.2	-0259.3	5165	9.8	195319.0	-0204.2	5255	9.4	201345.9	-0253.3	5345	8.4	203506.3	-0252.5
5076	9.5	193302.4	-0205.2	5166	9.3	195324.6	-0200.2	5256	8.8	201352.6	-0227.6	5346	9.6	203518.5	-0253.2
5077	9.4	193307.9	-0202.2	5167	9.2	195338.3	-0240.6	5257	9.5	201353.8	-0212.8	5347	9.5	203530.8	-0215.9
5078	9.3	193321.2	-0214.8	5168	9.0	195405.9	-0204.0	5258	9.8	201359.1	-0257.5	5348	9.4	203538.8	-0217.6
5079	8.0	193321.5	-0211.6	5169	9.1	195410.2	-0204.2	5259	9.6	201410.5	-0243.7	5349	9.0	203542.2	-0206.7
5080	8.9	193333.6	-0238.0	5170	9.5	195502.9	-0252.5	5260	9.2	201435.5	-0257.1	5350	9.9	203553.1	-0203.3
5081	8.0	193339.1	-0238.5	5171	9.8	195524.0	-0255.5	5261	9.5	201437.6	-0255.5	5351	8.0	203610.2	-0257.7
5082	9.4	193347.3	-0251.3	5172	9.8	195532.4	-0203.1	5262	9.8	201506.7	-0235.4	5352	10.	203613.7	-0209.6
5083	9.4	193349.0	-0253.6	5173	9.4	195605.6	-0257.8	5263	9.6	201602.9	-0212.1	5353	9.7	203620.9	-0237.5
5084	9.5	193400.0	-0243.5	5174	9.3	195642.9	-0205.5	5264	9.4	201603.8	-0219.2	5354	9.3	203621.8	-0221.3
5085	9.1	193400.7	-0244.0	5175	8.9	195718.6	-0243.3	5265	9.5	201607.5	-0243.5	5355	9.5	203648.7	-0257.3
5086	9.6	193406.0	-0241.0	5176	9.4	195729.7	-0245.0	5266	9.5	201619.7	-0202.4	5356	9.6	203655.9	-0252.3
5087	9.8	193417.2	-0252.8	5177	9.3	195827.2	-0209.7	5267	9.7	201632.0	-0200.2	5357	8.9	203704.0	-0251.9
5088	9.8	193453.6	-0248.9	5178	8.0	195841.4	-0207.5	5268	9.5	201636.6	-0202.4	5358	9.4	203708.4	-0219.8
5089	9.6	193501.1	-0245.1	5179	9.0	195847.0	-0249.1	5269	9.5	201655.1	-0211.7	5359	9.8	203722.8	-0223.4
5090	8.8	193503.0	-0255.4	5180	9.2	195925.4	-0250.8	5270	8.0	201711.4	-0200.1	5360	9.5	203758.7	-0223.4
5091	9.5	193506.0	-0220.7	5181	9.8	195940.7	-0246.1	5271	9.2	201732.0	-0243.3	5361	9.0	203813.6	-0249.2
5092	9.5	193553.0	-0229.3	5182	9.6	200001.5	-0219.2	5272	9.8	201837.5	-0204.0	5362	9.6	203832.3	-0250.0
5093	8.7	193602.9	-0246.9	5183	9.2	200014.1	-0201.2	5273	9.5	201850.0	-0219.2	5363	9.5	203845.9	-0240.4
5094	8.5	193613.8	-0218.1	5184	8.4	200019.6	-0240.7	5274	9.1	201857.4	-0253.7	5364	9.5	203906.3	-0238.3
5095	8.9	193633.3	-0220.8	5185	9.5	200028.7	-0242.8	5275	9.5	201857.4	-0221.6	5365	9.2	203929.8	-0212.7
5096	9.5	193638.4	-0255.6	5186	9.1	200034.3	-0247.7	5276	9.5	201906.6	-0227.4	5366	8.2	203934.4	-0213.0
5097	9.5	193641.3	-0245.3	5187	9.4	200038.9	-0231.1	5277	9.4	201921.4	-0259.7	5367	9.8	203944.7	-0245.5
5098	9.8	193650.1	-0231.0	5188	8.7	200154.1	-0203.5	5278	9.1	201921.9	-0248.8	5368	9.5	204001.3	-0236.7
5099	9.1	193712.3	-0257.9	5189	8.2	200202.0	-0248.1	5279	8.0	201934.4	-0239.3	5369	9.3	204031.3	-0224.9
5100	9.7	193722.7	-0254.0	5190	9.5	200226.6	-0255.9	5280	9.4	201951.8	-0249.7	5370	9.0	204039.7	-0209.5
5101	9.8	193724.6	-0230.3	5191	9.6	200227.3	-0250.5	5281	7.8	201955.2	-0201.2	5371	8.9	204120.5	-0245.6
5102	9.3	193725.9	-0204.2	5192	9.4	200233.1	-0220.0	5282	8.0	201955.7	-0235.1	5372	9.8	204128.4	-0238.8
5103	8.7	193732.4	-0252.2	5193	9.5	200241.2	-0235.5	5283	7.0	201956.2	-0233.9	5373	9.4	204129.2	-0257.7
5104	9.5	193751.6	-0201.2	5194	9.6	200256.1	-0235.0	5284	9.0	202000.2	-0228.6	5374	9.5	204219.0	-0246.5
5105	9.1	193751.9	-0209.5	5195	9.5	200259.8	-0203.3	5285	9.8	202055.2	-0228.6	5375	8.9	204220.7	-0202.8
5106	9.2	193804.6	-0225.5	5196	9.7	200327.5	-0244.3	5286	7.3	202118.1	-0212.8	5376	9.4	204225.0	-0247.1
5107	9.5	193821.3	-0220.4	5197	9.8	200531.2	-0227.7	5287	9.5	202131.6	-0250.7	5377	9.3	204248.3	-0255.7
5108	10.	193821.5	-0258.8	5198	9.7	200541.5	-0256.8	5288	9.6	202152.7	-0219.9	5378	8.7	204249.6	-0205.5
5109	9.6	193832.8	-0254.8	5199	9.7	200558.7	-0206.0	5289	9.3	202155.6	-0201.8	5379	9.7	204249.7	-0228.5
5110	9.6	193836.9	-0243.7	5200	9.7	200600.8	-0215.7	5290	10.	202158.4	-0219.3	5380	10.	204302.0	-0250.1
5111	9.4	193905.0	-0229.6	5201	9.3	200618.6	-0229.5	5291	8.7	202217.6	-0232.8	5381	9.3	204310.7	-0257.2
5112	8.7	193923.6	-0236.8	5202	9.5	200620.0	-0247.8	5292	9.5	202218.0	-0258.0	5382	9.5	204313.7	-0212.2
5113	9.5	193937.0	-0233.1	5203	9.3	200621.5	-0200.3	5293	9.7	202342.3	-0244.7	5383	9.3	204328.3	-0221.6
5114	9.2	193937.4	-0204.2	5204	9.1	200635.9	-0206.1	5294	9.1	202353.1	-0212.1	5384	9.3	204338.9	-0228.8
5115	8.7	193951.9	-0209.2	5205	8.8	200648.5	-0238.1	5295	9.4	202421.1	-0215.5	5385	10.	204343.8	-0248.0
5116	8.9	194011.5	-0215.2	5206	9.8	200655.7	-0218.8	5296	9.5	202424.2	-0233.2	5386	9.8	204413.6	-0232.5
5117	9.3	194027.0	-0254.2	5207	10.	200704.0	-0220.1	5297	9.0	202445.6	-0233.7	5387	9.2	204416.3	-0205.7
5118	9.1	194028.1	-0203.2	5208	9.7	200724.0	-0210.9	5298	9.1	202445.8	-0222.1	5388	9.7	204416.7	-0208.8
5119	9.4	194031.8	-0244.4	5209	9.2	200732.1	-0223.4	5299	9.7	202457.5	-0216.1	5389	9.4	204419.8	-0216.2
5120	9.7	194037.3	-0216.3	5210	9.5	200743.5	-0200.5	5300	9.8	202458.3	-0254.0	5390	8.6	204430.1	-0247.8
5121	9.8	194042.8	-0225.7	5211	8.4	200744.4	-0230.7	5301	9.0	202502.6	-0234.8	5391	9.8	204516.4	-0220.0
5122	10.	194044.6	-0213.1	5212	9.2	200806.5	-0256.4	5302	9.6	202523.7	-0228.3	5392	8.4	204528.9	-0247.1
5123	9.5	194050.4	-0252.0	5213	7.9	200810.2	-0259.9	5303	9.0	202531.0	-0237.0	5393	9.6	204613.4	-0229.3
5124	7.5	194106.9	-0210.8	5214	9.8	200818.5	-0206.9	5304	9.5	202625.2	-0227.4	5394	9.4	204628.7	-0219.0
5125	9.0	194133.3	-0200.7	5215	9.5	200838.1	-0221.6	5305	9.2	202632.4	-0210.7	5395	9.5	204651.7	-0202.1
5126	9.5	194140.2	-0201.8	5216	8.3	200906.4	-0201.1	5306	10.	202634.1	-0209.7	5396	9.8	204711.6	-0244.4
5127	9.3	194145.4	-0235.6	5217	9.3	200912.8	-0252.7	5307	9.6	202643.3	-0236.6	5397	9.5	204717.6	-0215.4
5128	9.5	194215.0	-0224.8	5218	9.2	200915.2	-0230.5	5308	9.0	202646.8	-0215.0	5398	9.9	204718.0	-0237.8
5129	9.1	194224.5	-0223.8	5219	9.0	200949.1	-0219.1	5309	9.6	202712.7	-0226.8	5399	9.2	204720.5	-0253.0
5130	8.8	194232.6	-0231.1	5220	9.8	200951.3	-0215.5	5310	9.0	202717.3	-0245.5	5400	9.0	204731.6	-0206.7
5131	9.1	194241.0	-0225.0	5221	7.8	200952.0	-0230.3	5311	9.0	202717.8	-0214.9	5401	9.6	204742.8	-0241.6
5132	9.0	194320.3	-0246.3	5222	9.0	200957.1	-0222.8	5312	9.1	202723.8	-0250.6	5402	9.5	204743.7	-0251.3
5133	6.7	194337.0	-0249.2	5223	9.5	201001.6	-0249.0	5313	9.6	202733.5	-0253.2	5403	9.0	204743.9	-0231.3
5134	9.2	194348.9	-0240.1	5224	9.5	201016.7	-0258.9	5314	9.5	202743.5	-0241.7	5404	9.3	204807.9	-0225.9
5135	9.5	194404.7	-0253.0	5225	10.	201017.1	-0223.6	5315	8.0	202755.7	-0232.5	5405	10.	204811.8	-0251.2
5136	8.0	194431.6	-0230.8	5226	9.3	201021.1	-0217.6	5316	9.2	202806.2	-0252.9	5406	9.4	204819.4	-0237.7
5137	9.4	194505.6	-0230.3	5227	9.4	201022.2	-0208.2	5317	9.6	202809.8	-0244.5	5407	9.3	204857.0	-0206.7
5138	10.	194508.4	-0249.2	5228	9.3	201035.2	-0234.8	5318	9.5	202814.4	-0256.8	5408	9.2	204858.5	-0207.1
5139	9.1	194547.5	-0257.6	5229	9.5	201044.0	-0242.7	5319	8.8	202834.6	-0200.0	5409	8.9	204904.0	-0229.8
5140	9.8	194557.5	-0234.4	5230	8.5	201048.6	-0221.5	5320	9.8	202900.6	-0206.5	5410	9.6	204924.6	-0251.0
5141	8.9	194557.5	-0215.2	5231	9.4	201059.1	-0219.5	5321	9.3	202907.1	-0254.7	5411	9.3	204936.3	-0221.2
5142	9.5	194618.6	-0240.1	5232	9.5	201131.2	-0245.6	5322	9.3	202920.8	-0217.7	5412	9.7	204946.0	-0255.6
5143	9.5	194637.6	-0241.2	5233	9.9	201131.9	-0232.8	5323	9.3	202947.3	-0244.5	5413	8.5	205004.7	-0248.1
5144	9.3	194722.0	-0226.1	5234	9.2	201138.8	-0210.7	5324	9.5	203019.1	-0239.7	5414	9.2	205010.0	-0248.8
5145	9.7	194757.4	-0247.1	5235	9.6	201140.4	-0227.0	5325	10.	203033.2	-0242.8	5415	10.	205021.2	-0249.6
5146	9.5	194810.9	-0208.1	5236	8.7	201157.1	-0234.6	5326	9.7	203044.0	-0228.0	5416	8.7	205049.3	-0219.6
5147	8.7	194823.0	-0216.6	5237	9.4	201206.8	-0204.6	5327	9.5	203133.6	-0210.2	5417	9.1	205053.9	-0228.9
5148	9.8	194917.1	-0230.2	5238	9.3	201213.4	-0201.8	5328	6.9	203141.0	-0255.0	5418	9.8	205131.8	-0247.5
5149	8.8	194917.8	-0241.2	5239	9.0	201219.3	-0241.6	5329	9.6	203255.2	-0206.6	5419	9.4	205148.6	-0228.0
5150	9.8	194925.6	-0231.1	5240	8.0	201219.6	-0241.4	5330	9.2	203306.4	-0206.6	5420	9.6	205200.4	-0238.1
5151	8.7	194944.7	-0222.5	5241	9.8	201228.6	-0224.3	5331	9.4	203315.9	-0229.8	5421	8.0	205201.7	-0201.9
5152	9.8	195001.8	-0241.4	5242	9.9	201239.9	-0251.2	5332	9.6	203325.3	-0213.5	5422	9.8	205243.0	-0235.5
5153	9.2	195013.4	-0223.8	5243	9.6	201241.6	-0232.5	5333	9.2	203336.8	-0233.8	5423	9.5	205317.2	-0258.5
5154	9.2	195040.6	-0244.9	5244	10.	201244.0	-0229.5	5334	9.5	203340.1	-0207.6	5424	9.4	205334.8	-0222.3
5155	7.5	195050.1	-0236.6	5245	9.2	201255.7	-0239.7	5335	8.8	203350.3	-0249.2	5425	9.4	205338.3	-0241.9
5156	9.8	195112.8	-0240.7	5246	9.2	201258.8	-0250.0	5336	9.1	203404.0	-0202.8	5426	8.8	205357.2	-0200.6
5157	8.8	195131.3	-0249.8	5247	9.5	201307.2	-0234.9	5337	8.5	203409.7	-0217.9	5427	9.8	205448.1	-0241.2
5158	9.5	195139.0	-0222.0	5248	9.4	201310.0	-0213.9	5338	8.6	203419.1	-0231.6	5428	9.3	205456.1	-0219.9

-02 5429 20h54m

-02 5788 22h28m

5429	9.6	205457.8	-0218.7	5519	9.8	211438.7	-0253.2	5609	8.7	213432.5	-0248.5
5430	9.5	205522.0	-0216.1	5520	9.3	211502.1	-0231.8	5610	9.3	213457.5	-0239.6
5431	10.	205523.4	-0250.0	5521	10.	211531.4	-0251.0	5611	9.6	213457.6	-0212.6
5432	9.3	205550.0	-0252.6	5522	8.8	211545.7	-0225.9	5612	9.1	213500.6	-0219.9
5433	7.4	205557.9	-0253.0	5523	9.7	211552.0	-0219.1	5613	8.3	213508.9	-0257.3
5434	7.0	205558.7	-0208.6	5524	9.1	211605.5	-0212.8	5614	9.4	213512.5	-0211.9
5435	8.7	205601.7	-0240.7	5525	9.3	211636.1	-0232.0	5615	9.0	213531.8	-0231.7
5436	9.4	205625.2	-0244.2	5526	9.5	211649.6	-0229.5	5616	8.6	213533.3	-0241.2
5437	9.4	205643.6	-0215.9	5527	9.8	211654.1	-0250.6	5617	9.4	213538.4	-0246.1
5438	9.1	205652.3	-0205.2	5528	9.5	211659.8	-0250.7	5618	9.4	213540.0	-0245.7
5439	9.8	205711.6	-0255.8	5529	9.5	211659.9	-0220.4	5619	9.0	213549.4	-0222.6
5440	9.6	205713.9	-0224.0	5530	10.	211704.0	-0215.3	5620	9.5	213553.6	-0204.8
5441	9.5	205714.4	-0257.5	5531	9.1	211704.7	-0220.1	5621	9.9	213623.2	-0250.7
5442	9.4	205719.0	-0231.8	5532	8.7	211735.8	-0255.5	5622	9.6	213630.0	-0259.0
5443	9.5	205722.9	-0205.0	5533	8.1	211735.9	-0236.3	5623	9.7	213720.8	-0231.4
5444	9.0	205726.5	-0246.4	5534	9.6	211800.9	-0208.2	5624	9.8	213725.9	-0256.6
5445	9.5	205739.0	-0234.7	5535	9.3	211816.5	-0207.0	5625	9.5	213738.7	-0253.2
5446	9.5	205754.4	-0210.3	5536	9.8	211836.4	-0213.6	5626	9.8	213756.6	-0254.4
5447	9.5	205829.5	-0224.1	5537	9.8	211848.6	-0221.9	5627	9.0	213808.9	-0206.0
5448	9.5	205840.5	-0248.4	5538	9.5	211849.2	-0213.5	5628	9.6	213809.8	-0205.0
5449	9.7	205851.5	-0232.6	5539	8.8	211850.3	-0218.8	5629	9.7	213832.1	-0246.8
5450	9.5	205918.3	-0244.9	5540	9.8	211943.9	-0253.6	5630	9.5	213855.9	-0222.1
5451	9.4	205919.4	-0221.6	5541	9.0	211945.0	-0221.8	5631	6.8	213901.0	-0252.7
5452	10.	205921.2	-0219.4	5542	9.8	212002.2	-0244.0	5632	8.8	213904.5	-0242.6
5453	9.0	205923.5	-0255.0	5543	9.3	212016.8	-0243.9	5633	9.4	213904.9	-0230.1
5454	9.8	205947.5	-0254.1	5544	9.8	212056.4	-0248.9	5634	9.6	213909.1	-0201.2
5455	9.5	210001.7	-0215.7	5545	9.8	212102.3	-0245.3	5635	9.0	213936.5	-0235.3
5456	7.0	210010.5	-0237.4	5546	9.7	212108.2	-0255.7	5636	7.9	213936.8	-0257.4
5457	9.8	210014.3	-0201.4	5547	9.1	212117.1	-0250.0	5637	8.8	214011.1	-0222.9
5458	9.8	210020.4	-0256.0	5548	9.2	212134.5	-0211.8	5638	9.4	214029.8	-0231.5
5459	9.5	210040.8	-0253.6	5549	9.5	212211.4	-0227.0	5639	9.7	214041.6	-0247.2
5460	9.1	210042.4	-0217.5	5550	9.5	212239.2	-0205.6	5640	10.	214128.0	-0201.1
5461	9.6	210058.3	-0257.7	5551	8.3	212244.5	-0209.9	5641	9.1	214136.6	-0244.3
5462	9.7	210108.2	-0246.0	5552	9.5	212301.3	-0204.4	5642	9.0	214139.8	-0242.9
5463	9.1	210119.9	-0205.1	5553	9.4	212329.2	-0228.6	5643	8.8	214221.9	-0238.6
5464	9.3	210133.5	-0223.2	5554	8.8	212334.5	-0221.7	5644	9.5	214307.1	-0204.4
5465	9.5	210145.2	-0205.3	5555	9.5	212408.7	-0216.6	5645	9.0	214350.5	-0215.7
5466	9.5	210209.8	-0202.4	5556	9.2	212410.2	-0211.7	5646	8.0	214357.1	-0255.1
5467	9.8	210211.9	-0255.7	5557	9.8	212414.2	-0233.5	5647	10.	214422.9	-0223.7
5468	9.5	210229.4	-0227.4	5558	10.	212421.3	-0201.8	5648	9.1	214426.1	-0249.5
5469	9.5	210246.2	-0210.9	5559	9.2	212421.5	-0212.7	5649	9.4	214444.2	-0223.4
5470	9.3	210247.0	-0235.3	5560	9.7	212431.5	-0207.3	5650	9.2	214525.3	-0215.6
5471	9.4	210307.5	-0227.0	5561	8.7	212436.0	-0210.3	5651	9.9	214556.1	-0253.1
5472	9.2	210311.0	-0236.0	5562	9.1	212446.1	-0235.7	5652	9.4	214601.8	-0233.2
5473	9.7	210330.0	-0257.2	5563	8.3	212511.1	-0214.5	5653	9.1	214624.5	-0224.6
5474	8.9	210345.9	-0210.6	5564	9.4	212543.6	-0232.2	5654	9.8	214626.5	-0225.3
5475	9.5	210346.9	-0251.8	5565	9.2	212617.2	-0237.1	5655	10.	214648.9	-0221.3
5476	7.6	210402.3	-0244.3	5566	8.8	212638.0	-0211.9	5656	9.8	214706.6	-0211.0
5477	9.1	210443.6	-0238.0	5567	9.4	212643.0	-0208.0	5657	8.8	214715.3	-0224.6
5478	9.4	210444.2	-0244.7	5568	9.1	212656.7	-0239.5	5658	9.5	214720.8	-0245.5
5479	9.2	210451.2	-0229.7	5569	9.4	212710.1	-0237.4	5659	9.2	214730.1	-0254.6
5480	9.3	210507.0	-0214.1	5570	9.6	212712.1	-0247.3	5660	9.7	214731.2	-0235.3
5481	9.5	210532.1	-0237.1	5571	9.5	212740.3	-0242.8	5661	9.7	214825.0	-0227.0
5482	9.6	210602.9	-0258.6	5572	9.3	212741.5	-0208.0	5662	9.4	214847.4	-0225.4
5483	9.7	210610.7	-0250.4	5573	9.7	212744.0	-0247.1	5663	9.8	214847.5	-0219.1
5484	9.5	210620.8	-0249.9	5574	9.3	212749.5	-0220.3	5664	9.8	214852.5	-0257.2
5485	9.7	210641.5	-0234.1	5575	9.7	212757.2	-0231.9	5665	9.8	214929.3	-0248.7
5486	8.9	210659.8	-0251.7	5576	9.6	212802.2	-0239.5	5666	9.7	215006.7	-0215.9
5487	9.4	210719.4	-0227.5	5577	9.5	212807.1	-0203.8	5667	9.0	215033.2	-0215.1
5488	8.3	210719.8	-0237.7	5578	9.2	212848.3	-0249.5	5668	8.4	215050.0	-0230.9
5489	9.8	210723.3	-0248.4	5579	9.1	212848.3	-0248.9	5669	9.9	215106.1	-0232.3
5490	9.6	210744.3	-0251.0	5580	9.8	212920.2	-0248.2	5670	9.7	215121.2	-0208.9
5491	9.8	210811.1	-0237.6	5581	9.3	212931.5	-0206.2	5671	9.5	215129.4	-0256.2
5492	9.5	210837.5	-0233.9	5582	9.3	212932.1	-0212.7	5672	9.7	215131.7	-0233.9
5493	9.5	210840.8	-0242.2	5583	9.5	212936.8	-0254.0	5673	8.1	215153.2	-0204.1
5494	9.4	210851.1	-0249.7	5584	9.8	212945.6	-0241.8	5674	9.7	215303.7	-0218.1
5495	6.8	210909.5	-0212.4	5585	9.6	212955.5	-0204.3	5675	9.4	215311.0	-0221.7
5496	9.8	210911.5	-0252.3	5586	9.6	212959.6	-0213.5	5676	9.7	215323.7	-0243.5
5497	9.2	210922.5	-0259.4	5587	8.9	213010.5	-0259.8	5677	10.	215405.4	-0241.5
5498	9.4	211010.5	-0214.9	5588	8.7	213041.9	-0256.4	5678	9.7	215457.3	-0205.0
5499	7.9	211033.4	-0244.8	5589	9.5	213049.8	-0207.9	5679	9.9	215536.0	-0235.3
5500	9.5	211040.3	-0259.9	5590	8.9	213101.2	-0239.7	5680	9.6	215546.2	-0207.0
5501	9.5	211048.5	-0203.2	5591	9.8	213112.2	-0255.4	5681	5.3	215548.5	-0251.2
5502	10.	211055.8	-0220.4	5592	9.5	213119.0	-0200.2	5682	9.7	215555.8	-0257.2
5503	9.5	211114.0	-0208.4	5593	9.2	213129.6	-0213.1	5683	9.2	215609.4	-0226.0
5504	8.3	211115.6	-0244.5	5594	9.8	213135.9	-0244.8	5684	9.5	215610.5	-0241.1
5505	8.3	211149.4	-0222.4	5595	9.0	213209.7	-0230.7	5685	9.4	215634.1	-0250.8
5506	9.4	211247.9	-0243.4	5596	10.	213210.1	-0200.0	5686	9.0	215639.4	-0237.7
5507	8.3	211249.5	-0206.5	5597	9.3	213251.2	-0225.8	5687	8.9	215649.6	-0248.1
5508	8.6	211255.6	-0239.9	5598	9.5	213251.5	-0247.4	5688	9.2	215749.2	-0207.3
5509	9.3	211259.1	-0255.0	5599	9.8	213253.7	-0229.8	5689	8.2	215751.2	-0207.6
5510	9.0	211304.0	-0219.5	5600	8.6	213256.2	-0239.7	5690	10.	215756.8	-0208.2
5511	8.9	211309.4	-0203.6	5601	9.5	213335.1	-0212.6	5691	8.8	215822.8	-0219.4
5512	9.9	211313.1	-0241.0	5602	9.3	213402.8	-0254.1	5692	9.0	215831.7	-0245.8
5513	9.7	211315.6	-0243.5	5603	8.5	213408.7	-0235.2	5693	9.7	215853.8	-0223.0
5514	9.2	211328.8	-0242.6	5604	9.3	213416.9	-0250.0	5694	9.3	215856.4	-0222.6
5515	9.8	211352.5	-0209.0	5605	9.0	213420.6	-0222.0	5695	10.	215909.2	-0221.6
5516	9.1	211413.8	-0242.2	5606	9.6	213421.5	-0250.6	5696	9.6	215917.5	-0237.5
5517	9.4	211419.7	-0202.7	5607	9.8	213426.5	-0201.5	5697	9.5	215919.5	-0226.6
5518	9.2	211428.4	-0201.3	5608	9.8	213430.7	-0230.5	5698	10.	215934.9	-0241.2
5699	10.	220007.5	-0205.6								
5700	9.1	220111.7	-0208.0								
5701	9.0	220123.6	-0242.1								
5702	9.7	220126.4	-0256.7								
5703	10.	220129.8	-0257.0								
5704	10.	220158.3	-0213.5								
5705	8.7	220205.7	-0243.9								
5706	9.5	220222.8	-0222.0								
5707	10.	220236.0	-0205.9								
5708	8.7	220313.7	-0250.2								
5709	9.5	220408.1	-0250.5								
5710	9.5	220424.5	-0200.3								
5711	9.5	220436.9	-0221.2								
5712	9.6	220437.7	-0205.8								
5713	10.	220543.5	-0252.7								
5714	7.4	220555.4	-0221.9								
5715	9.9	220618.5	-0241.8								
5716	9.6	220629.4	-0227.7								
5717	9.1	220648.2	-0208.6								
5718	10.	220648.6	-0258.3								
5719	9.5	220733.8	-0212.2								
5720	8.0	220733.9	-0246.6								
5721	9.5	220747.1	-0250.6								
5722	9.7	220826.3	-0213.6								
5723	10.	220842.7	-0256.1								
5724	9.6	220846.8	-0210.5								
5725	9.5	220847.7	-0204.9								
5726	6.3	220905.4	-0218.8								
5727	9.3	221001.5	-0251.1								
5728	9.0	221044.2	-0256.1								
5729	9.7	221049.3	-0249.9								
5730	9.2	221105.1	-0242.6								
5731	9.4	221122.5	-0226.7								
5732	9.0	221146.8	-0207.7								
5733	8.5	221212.5	-0231.7								
5734	9.5	221221.4	-0249.2								
5735	9.7	221232.2	-0258.1								
5736	9.0	221244.4	-0248.3								
5737	9.1	221331.9	-0259.2								
5738	9.4	221335.9	-0208.9								
5739	9.2	221346.8	-0248.8								
5740	8.7	221359.8	-0250.0								
5741	4.0	221409.8	-0207.0								
5742	9.5	221414.1	-0233.6								
5743	9.2	221416.8	-0234.9								
5744	8.9	221430.7	-0239.0								
5745	9.1	221456.1	-0243.7								
5746	9.5	221515.4	-0222.0								
5747	9.8	221516.6	-0257.7								
5748	9.2	221523.1	-0244.2								
5749	9.6	221637.5	-0218.2								
5750	7.7	221641.5	-0247.5								
5751	8.5	221649.9	-0210.4								
5752	10.	221723.0	-0242.5								
5753	9.5	221729.8	-0241.6								
5754	9.8	221740.5	-0224.3								
5755	10.	221823.0	-0245.8								
5756	9.3	221850.3	-0216.3								
5757	9.4	221903.4	-0251.8								
5758	10.	221911.8	-0223.4								
5759	9.7	221913.5	-0243.0								
5760	8.4	221937.2	-0249.1								
5761	7.3	221938.3	-0202.8								
5762	9.6	221938.9	-0251.1								
5763	9.1	221941.5	-0230.9								
5764	9.4	221945.1	-0219.6								
5765	9.0	221958.2	-0223.2								
5766	9.3	222032.4	-0221.3								
5767	8.8	222205.7	-0206.7								
5768	9.5	222224.2	-0254.7								
5769	9.4	222307.9	-0214.0								
5770	9.2	222333.0	-0221.1								
5771	10.	222337.6	-0243.4								
5772	9.4	222351.9	-0257.7								
5773	9.6	222406.6	-0254.7								
5774	9.3	222449.0	-0227.2								
5775	9.5	222454.5	-0223.4								
5776	8.5	222503.4	-0215.6								
5777	9.9	222538.7	-0256.6								
5778	9.0	222555.5	-0221.2								
5779	9.3	222558.1	-0227.5								
5780	8.8	222633.8	-0232.0								
5781	6.3	222634.7	-0219.0								
5782	9.0	222710.0	-0209.0								
5783	8.3	222710.7	-0213.6								
5784	9.5	222717.4	-0206.7								
5785	8.2	222738.2	-0216.0								
5786	9.5	222743.5	-0200.0								
5787	9.5	222752.9	-0257.4								
5788	9.6	222822.9	-0255.4								

5789	9.5	222848.7	-0216.3	5879	9.3	225739.8	-0225.0	5969	10.	232116.0	-0233.2	6059	7.5	234713.2	-0245.1
5790	9.7	222920.3	-0259.8	5880	9.4	225745.1	-0236.0	5970	10.	232121.0	-0212.7	6060	9.2	234752.4	-0222.7
5791	9.8	222922.9	-0213.8	5881	9.5	225759.6	-0251.5	5971	8.7	232135.3	-0216.0	6061	10.	234753.2	-0215.8
5792	10.	222928.3	-0254.6	5882	10.	225823.9	-0204.0	5972	9.9	232141.8	-0258.4	6062	9.2	234758.9	-0255.1
5793	8.7	222945.5	-0223.2	5883	9.1	225831.2	-0252.2	5973	6.5	232200.3	-0235.1	6063	10.	234839.2	-0234.6
5794	9.3	223017.4	-0208.1	5884	10.	225935.9	-0206.2	5974	9.4	232210.0	-0230.0	6064	9.2	234929.2	-0256.2
5795	10.	223018.3	-0251.1	5885	10.	225955.9	-0256.7	5975	9.4	232216.3	-0216.6	6065	9.5	234937.1	-0257.0
5796	9.6	223035.6	-0250.7	5886	8.9	230012.6	-0253.4	5976	9.5	232217.9	-0245.2	6066	10.	235037.2	-0227.0
5797	9.8	223047.8	-0207.5	5887	9.2	230024.9	-0225.9	5977	9.5	232300.0	-0238.9	6067	8.7	235037.4	-0247.1
5798	9.7	223113.2	-0252.0	5888	10.	230044.9	-0229.5	5978	9.5	232301.0	-0241.6	6068	8.4	235106.4	-0229.5
5799	9.5	223120.0	-0200.1	5889	10.	230046.9	-0213.0	5979	9.8	232314.2	-0241.6	6069	10.	235126.2	-0212.7
5800	9.1	223159.3	-0230.0	5890	9.3	230047.8	-0216.7	5980	9.8	232318.3	-0255.0	6070	9.5	235156.2	-0225.7
5801	9.5	223210.8	-0220.7	5891	10.	230051.9	-0208.5	5981	10.	232448.0	-0205.0	6071	7.2	235207.7	-0239.4
5802	9.4	223214.1	-0202.8	5892	9.5	230057.6	-0225.8	5982	9.3	232526.8	-0204.1	6072	8.1	235222.6	-0255.3
5803	9.7	223229.0	-0252.6	5893	9.6	230058.6	-0239.0	5983	10.	232545.0	-0251.5	6073	8.8	235224.8	-0200.3
5804	9.3	223232.3	-0236.9	5894	9.5	230133.9	-0240.2	5984	9.3	232613.8	-0218.6	6074	9.5	235227.2	-0232.8
5805	10.	223232.3	-0231.3	5895	9.5	230309.9	-0208.5	5985	9.5	232615.1	-0244.4	6075	9.5	235305.7	-0244.2
5806	9.8	223234.4	-0259.6	5896	9.5	230318.9	-0224.1	5986	6.0	232641.8	-0203.0	6076	10.	235320.8	-0252.4
5807	9.7	223239.9	-0248.6	5897	9.8	230325.7	-0232.1	5987	10.	232654.0	-0248.8	6077	9.7	235327.2	-0249.8
5808	9.5	223251.5	-0205.7	5898	9.0	230344.1	-0203.3	5988	9.5	232659.1	-0219.4	6078	9.3	235356.6	-0226.1
5809	9.4	223252.6	-0240.8	5899	9.9	230356.2	-0259.6	5989	9.3	232705.7	-0242.5	6079	9.5	235437.1	-0221.7
5810	9.6	223253.5	-0249.8	5900	9.5	230404.6	-0250.2	5990	9.5	232712.8	-0218.5	6080	9.1	235451.2	-0256.8
5811	9.8	223306.8	-0230.0	5901	9.5	230412.1	-0218.6	5991	9.5	232714.3	-0220.7	6081	9.8	235528.2	-0243.0
5812	9.1	223343.1	-0212.3	5902	9.1	230414.7	-0228.2	5992	9.8	232750.1	-0256.0	6082	9.6	235542.8	-0238.7
5813	9.5	223357.8	-0232.3	5903	8.8	230437.2	-0256.1	5993	9.0	232802.3	-0237.1	6083	9.4	235547.2	-0227.8
5814	9.5	223401.1	-0211.0	5904	8.7	230445.2	-0250.1	5994	9.5	232814.1	-0225.2	6084	8.8	235616.2	-0221.9
5815	9.1	223445.1	-0255.5	5905	9.5	230511.9	-0225.0	5995	9.3	232831.8	-0255.9	6085	9.8	235621.3	-0208.0
5816	8.9	223507.7	-0248.1	5906	9.8	230514.9	-0241.2	5996	9.7	232854.1	-0202.9	6086	10.	235654.8	-0235.0
5817	10.	223508.6	-0229.1	5907	8.8	230544.6	-0251.2	5997	9.6	232910.3	-0205.7	6087	10.	235655.3	-0242.6
5818	10.	223604.2	-0212.2	5908	9.5	230554.9	-0213.8	5998	8.6	232950.3	-0218.9	6088	10.	235657.3	-0234.1
5819	9.6	223615.7	-0217.1	5909	9.4	230605.1	-0214.7	5999	9.3	233023.3	-0218.5	6089	9.4	235735.7	-0221.8
5820	9.4	223629.3	-0224.0	5910	9.1	230606.9	-0246.9	6000	8.1	233040.3	-0208.5	6090	8.7	235744.3	-0239.8
5821	10.	223700.3	-0222.6	5911	9.4	230609.7	-0220.4	6001	9.4	233104.3	-0240.4	6091	8.0	235752.2	-0236.1
5822	9.5	223710.2	-0213.4	5912	9.4	230705.3	-0245.2	6002	9.5	233116.6	-0242.4	6092	9.5	235759.2	-0227.1
5823	9.4	223804.0	-0248.1	5913	8.9	230714.6	-0252.2	6003	10.	233119.1	-0240.4	6093	8.7	235759.2	-0214.9
5824	9.7	223805.3	-0243.3	5914	7.0	230830.7	-0213.0	6004	9.7	233119.6	-0232.4	6094	8.3	235804.3	-0238.1
5825	9.5	223920.4	-0249.1	5915	9.4	230854.6	-0200.2	6005	9.3	233130.3	-0254.3	6095	9.5	235827.7	-0223.2
5826	7.0	224001.3	-0232.8	5916	9.5	230859.9	-0228.8	6006	10.	233148.1	-0203.3	6096	10.	235843.3	-0250.2
5827	9.5	224108.6	-0201.5	5917	7.7	230906.7	-0222.5	6007	8.9	233156.5	-0257.6	6097	9.0	235845.3	-0258.0
5828	9.2	224111.2	-0254.7	5918	7.9	230915.6	-0236.8	6008	9.8	233158.8	-0238.7	6098	8.5	235847.2	-0242.3
5829	9.5	224116.8	-0224.1	5919	10.	230959.7	-0250.8	6009	9.7	233226.4	-0242.1	6099	8.0	235853.6	-0202.4
5830	9.5	224149.4	-0251.1	5920	8.1	231008.2	-0218.5	6010	10.	233232.1	-0200.2	1	9.6	00007.1	-0333.0
5831	9.8	224214.5	-0259.1	5921	9.3	231025.9	-0231.4	6011	10.	233241.1	-0242.6	2	6.8	00019.7	-0321.3
5832	9.3	224247.2	-0211.8	5922	10.	231045.1	-0257.2	6012	9.2	233247.3	-0229.2	3	6.5	00046.1	-0314.8
5833	9.2	224254.4	-0241.1	5923	8.4	231049.2	-0240.0	6013	8.8	233249.3	-0233.5	4	9.5	00110.3	-0334.8
5834	10.	224313.6	-0258.4	5924	9.5	231055.1	-0213.7	6014	9.3	233304.8	-0209.8	5	7.4	00117.4	-0301.4
5835	9.8	224325.9	-0230.6	5925	8.5	231059.9	-0241.4	6015	10.	233319.1	-0210.9	6	10.	00143.2	-0319.1
5836	8.5	224341.7	-0212.7	5926	8.9	231111.6	-0243.2	6016	9.4	233339.3	-0230.1	7	10.	00151.1	-0303.2
5837	8.9	224347.3	-0225.0	5927	10.	231134.9	-0213.1	6017	9.7	233342.1	-0229.7	8	9.5	00216.9	-0349.0
5838	9.5	224348.7	-0202.7	5928	9.4	231136.3	-0254.2	6018	9.7	233343.5	-0237.8	9	7.4	00230.1	-0322.0
5839	9.2	224357.1	-0241.0	5929	10.	231155.9	-0244.2	6019	10.	233407.1	-0201.6	10	10.	00249.6	-0318.7
5840	7.8	224405.3	-0234.6	5930	10.	231200.9	-0227.8	6020	9.5	233416.1	-0234.2	11	10.	00255.6	-0340.8
5841	9.5	224445.4	-0242.1	5931	10.	231215.2	-0251.0	6021	8.3	233455.3	-0218.1	12	9.1	00351.4	-0317.2
5842	10.	224510.0	-0204.2	5932	9.2	231217.1	-0222.0	6022	9.7	233536.1	-0236.9	13	9.4	00402.2	-0325.5
5843	9.0	224516.1	-0206.9	5933	9.5	231217.9	-0230.0	6023	9.6	233540.8	-0226.6	14	8.0	00408.9	-0352.7
5844	9.5	224527.5	-0253.9	5934	9.2	231236.1	-0223.5	6024	9.4	233542.8	-0212.7	15	10.	00410.6	-0338.2
5845	9.2	224534.8	-0221.4	5935	10.	231238.9	-0228.2	6025	10.	233549.4	-0245.3	16	9.7	00411.1	-0305.2
5846	9.1	224542.8	-0223.6	5936	9.4	231258.7	-0202.7	6026	9.5	233608.8	-0217.2	17	9.6	00456.4	-0301.5
5847	9.3	224556.4	-0250.9	5937	9.5	231306.7	-0231.1	6027	9.5	233638.1	-0225.7	18	7.8	00659.0	-0300.1
5848	9.7	224631.7	-0219.1	5938	9.5	231309.0	-0238.0	6028	9.7	233702.1	-0218.1	19	10.	00717.5	-0308.2
5849	9.6	224705.8	-0236.0	5939	10.	231342.0	-0250.1	6029	10.	233724.1	-0209.2	20	6.7	00731.1	-0349.8
5850	9.7	224722.7	-0255.9	5940	9.8	231355.3	-0243.9	6030	9.9	233732.1	-0238.8	21	9.5	00733.7	-0336.5
5851	9.4	224731.6	-0209.2	5941	10.	231358.0	-0204.9	6031	9.5	233757.2	-0257.0	22	8.9	00802.3	-0334.8
5852	9.4	224750.3	-0238.1	5942	8.5	231403.7	-0225.3	6032	8.9	233758.8	-0245.0	23	10.	00807.5	-0334.3
5853	8.8	224755.1	-0206.7	5943	8.7	231436.7	-0237.0	6033	9.7	233848.1	-0240.0	24	10.	00817.2	-0313.3
5854	10.	224813.7	-0240.9	5944	9.0	231517.2	-0215.9	6034	9.1	233908.3	-0219.9	25	9.5	00818.0	-0340.5
5855	9.5	224913.2	-0220.6	5945	9.3	231531.7	-0225.8	6035	9.9	233912.4	-0247.9	26	9.8	00818.2	-0317.1
5856	9.1	224936.9	-0237.8	5946	9.5	231552.0	-0223.3	6036	9.5	233935.6	-0223.4	27	9.8	00908.7	-0301.5
5857	9.1	224947.8	-0211.3	5947	9.1	231619.2	-0206.8	6037	8.8	233956.4	-0218.7	28	10.	00919.0	-0310.8
5858	6.8	225055.1	-0210.7	5948	10.	231637.0	-0203.7	6038	9.0	234003.2	-0257.2	29	9.4	00923.6	-0303.1
5859	10.	225151.8	-0232.1	5949	10.	231649.0	-0234.9	6039	9.5	234006.1	-0236.4	30	9.0	01006.5	-0341.3
5860	9.6	225201.2	-0254.2	5950	10.	231658.0	-0232.7	6040	9.5	234034.1	-0205.1	31	9.5	01046.4	-0300.2
5861	9.0	225248.8	-0257.8	5951	7.8	231710.7	-0231.8	6041	9.5	234049.1	-0236.3	32	9.4	01055.3	-0325.5
5862	9.5	225303.6	-0211.3	5952	9.0	231728.3	-0249.0	6042	9.7	234055.8	-0257.9	33	9.5	01104.6	-0313.8
5863	9.0	225307.9	-0259.3	5953	9.5	231745.0	-0212.6	6043	9.3	234117.4	-0217.1	34	9.5	01107.6	-0321.1
5864	9.5	225317.5	-0213.8	5954	9.7	231751.0	-0251.9	6044	10.	234135.2	-0236.8	35	9.5	01224.9	-0320.8
5865	9.4	225325.1	-0210.9	5955	10.	231753.0	-0248.8	6045	9.7	234143.0	-0241.7	36	7.8	01225.8	-0317.0
5866	9.4	225338.8	-0230.7	5956	9.4	231829.7	-0208.4	6046	9.5	234159.2	-0207.8	37	9.0	01339.9	-0352.1
5867	8.8	225405.8	-0251.0	5957	9.8	231925.0	-0247.5	6047	9.3	234307.5	-0252.6	38	7.0	01339.3	-0342.9
5868	9.5	225421.6	-0218.7	5958	10.	231935.0	-0205.1	6048	9.5	234320.2	-0232.8	39	10.	01341.7	-0336.5
5869	9.6	225428.6	-0204.6	5959	10.	232007.0	-0207.8	6049	8.9	234342.9	-0244.6	40	9.0	01343.6	-0309.6
5870	9.2	225434.3	-0240.9	5960	9.5	232012.0	-0219.3	6050	9.7	234401.2	-0201.6	41	9.3	01355.3	-0332.5
5871	10.	225521.8	-0201.7	5961	9.5	232012.7	-0241.4	6051	9.2	234531.2	-0231.9	42	10.	01427.4	-0316.0
5872	10.	225535.8	-0212.9	5962	9.4	232013.5	-0239.4	6052	9.2	234544.4	-0222.5	43	10.	01432.8	-0342.8
5873	9.6	225537.1	-0239.5	5963	9.5	232019.0	-0247.9	6053	9.7	234554.9	-0257.9	44	10.	01452.9	-0349.9
5874	9.5	225627.8	-0208.4	5964	9.4	232020.3	-0245.3	6054	9.8	234610.9	-0257.8	45	9.4	01502.9	-0323.5
5875	9.5	225636.2	-0254.1	5965	8.7	232035.4	-0215.9	6055	9.4	234614.2	-0227.0	46	9.2	01602.2	-0317.9
5876	8.8	225650.7	-0240.8	5966	10.	232040.0	-0210.4	6056	8.7	234615.4	-0227.9	47	9.3	01605.8	-0344.9
5877	10.	225654.6	-0251.6	5967	10.	232047.0	-0253.7	6057	9.4	234623.9	-0205.4	48	8.0	01614.2	-0351.4
5878	9.4	225721.8	-0208.8	5968	9.7	232102.0	-0231.4	6058	9.7	234624.7	-0230.6	49	6.0	01705.1	-0301.6

-03 50 0h17m

-03 409 2h29m

50	9.6	01729.5	-0329.1	140	9.8	05421.7	-0320.7	230	9.1	13011.5	-0307.4	320	8.5	20129.6	-0353.7
51	9.5	01905.5	-0327.5	141	10.	05432.4	-0307.2	231	8.8	13145.8	-0300.9	321	10.	20134.3	-0342.5
52	9.4	01907.0	-0329.1	142	9.8	05453.4	-0332.2	232	9.8	13201.3	-0347.5	322	9.5	20142.5	-0300.9
53	9.2	01927.0	-0348.6	143	9.7	05557.4	-0335.5	233	8.3	13216.8	-0315.7	323	9.3	20148.4	-0340.1
54	9.0	02103.1	-0318.5	144	9.6	05558.4	-0323.2	234	9.0	13235.8	-0312.7	324	7.1	20149.6	-0301.1
55	9.3	02154.8	-0338.5	145	9.3	05611.7	-0316.6	235	8.8	13239.1	-0340.7	325	9.1	20249.2	-0336.8
56	9.5	02158.4	-0308.0	146	8.8	05705.3	-0308.6	236	9.2	13240.9	-0357.2	326	9.4	20313.1	-0314.5
57	7.1	02213.5	-0338.5	147	9.9	05737.3	-0328.9	237	9.5	13259.5	-0337.4	327	8.8	20329.6	-0330.3
58	9.6	02240.5	-0334.4	148	9.5	05811.1	-0341.6	238	9.8	13302.4	-0335.6	328	9.3	20333.7	-0311.8
59	9.0	02324.7	-0326.6	149	9.7	05836.8	-0312.5	239	7.0	13325.0	-0321.1	329	9.2	20359.4	-0326.0
60	9.5	02335.7	-0311.0	150	9.6	05845.1	-0304.9	240	8.3	13415.9	-0351.4	330	10.	20403.5	-0309.6
61	8.7	02351.1	-0341.9	151	9.5	05859.8	-0341.4	241	8.0	13416.6	-0341.5	331	9.5	20435.1	-0306.0
62	9.3	02414.1	-0314.9	152	9.4	05948.5	-0318.4	242	9.6	13439.1	-0309.4	332	9.0	20435.6	-0353.7
63	9.5	02532.0	-0349.0	153	8.0	10018.5	-0331.0	243	9.6	13443.2	-0347.1	333	9.7	20503.5	-0324.8
64	8.3	02613.6	-0332.1	154	8.8	10052.2	-0347.4	244	9.4	13524.0	-0323.5	334	9.6	20515.7	-0317.1
65	9.6	02627.3	-0302.8	155	9.5	10117.0	-0336.4	245	9.5	13620.3	-0354.6	335	8.9	20523.3	-0304.7
66	9.4	02628.9	-0359.6	156	9.9	10129.9	-0302.6	246	9.5	13622.1	-0321.8	336	5.9	20523.9	-0304.3
67	8.5	02650.8	-0311.6	157	9.5	10139.1	-0340.5	247	9.8	13731.7	-0330.1	337	9.8	20550.6	-0343.7
68	9.3	02716.0	-0321.6	158	8.5	10147.5	-0339.7	248	9.8	13738.0	-0324.9	338	9.5	20551.2	-0322.3
69	8.8	02752.2	-0334.5	159	9.2	10242.0	-0350.6	249	9.9	13739.7	-0329.4	339	9.0	20613.7	-0319.1
70	10.	02820.8	-0320.7	160	9.1	10337.7	-0348.7	250	7.3	13800.5	-0353.6	340	7.7	20623.0	-0342.7
71	9.1	02843.6	-0306.5	161	6.2	10420.6	-0301.5	251	10.	13810.9	-0307.8	341	9.2	20626.5	-0344.0
72	9.4	02911.4	-0315.9	162	9.3	10451.5	-0346.6	252	9.4	13822.7	-0344.6	342	9.3	20826.8	-0317.3
73	9.4	02929.0	-0340.1	163	9.4	10454.5	-0353.4	253	9.3	13902.7	-0307.4	343	8.9	20833.7	-0311.5
74	9.8	03007.2	-0303.4	164	7.5	10559.2	-0319.4	254	8.2	13909.8	-0303.8	344	9.1	20929.8	-0336.6
75	9.4	03053.5	-0326.1	165	9.4	10723.4	-0353.0	255	9.5	13914.4	-0318.7	345	8.5	20930.9	-0334.8
76	9.4	03056.0	-0359.0	166	9.5	10723.6	-0317.1	256	10.	13920.9	-0304.8	346	9.3	20947.9	-0302.5
77	9.5	03122.3	-0359.7	167	9.5	10745.1	-0343.7	257	10.	13939.6	-0339.1	347	9.0	21034.6	-0327.2
78	9.5	03154.9	-0338.3	168	9.2	10746.9	-0331.5	258	7.8	13942.4	-0350.2	348	9.9	21037.2	-0330.1
79	8.0	03213.9	-0352.6	169	9.9	10810.1	-0336.6	259	9.8	13954.6	-0300.9	349	9.7	21043.9	-0305.4
80	8.8	03241.5	-0334.6	170	9.7	10815.4	-0333.7	260	8.2	14011.6	-0338.4	350	9.8	21114.1	-0359.2
81	9.5	03248.9	-0303.1	171	10.	10913.6	-0302.8	261	9.2	14012.3	-0304.6	351	9.8	21114.3	-0346.6
82	9.5	03250.6	-0313.6	172	5.7	10914.5	-0315.5	262	8.4	14017.9	-0357.8	352	9.6	21143.5	-0303.8
83	9.5	03309.0	-0340.5	173	8.5	10917.3	-0326.9	263	10.	14134.2	-0351.3	353	30.0	21201.5	-0338.2
84	9.3	03328.6	-0306.6	174	7.0	10933.7	-0302.5	264	9.5	14143.5	-0318.9	354	9.3	21204.1	-0356.5
85	9.5	03408.9	-0310.6	175	9.7	11017.6	-0336.4	265	9.5	14308.5	-0343.9	355	9.0	21211.4	-0338.2
86	8.3	03445.3	-0350.5	176	9.4	11137.5	-0348.4	266	9.6	14329.0	-0354.8	356	9.4	21243.8	-0327.8
87	9.0	03513.6	-0300.3	177	8.9	11149.6	-0347.2	267	9.2	14358.3	-0350.4	357	9.7	21256.1	-0332.4
88	9.3	03524.9	-0338.2	178	9.5	11226.0	-0317.6	268	7.0	14415.0	-0321.3	358	9.8	21306.5	-0301.9
89	9.6	03601.0	-0340.4	179	8.7	11234.9	-0305.0	269	9.1	14444.5	-0321.2	359	9.7	21313.4	-0304.0
90	9.5	03607.1	-0346.7	180	9.2	11240.5	-0326.1	270	9.5	14458.1	-0334.2	360	9.3	21332.9	-0310.9
91	8.9	03626.4	-0352.4	181	8.1	11245.7	-0315.9	271	9.2	14509.0	-0300.7	361	9.9	21408.7	-0351.6
92	8.8	03644.4	-0302.3	182	9.7	11345.8	-0339.0	272	9.5	14520.0	-0313.6	362	9.2	21414.9	-0329.1
93	9.5	03658.3	-0312.9	183	9.9	11434.5	-0356.0	273	8.7	14526.4	-0350.1	363	8.9	21417.9	-0337.6
94	9.6	03711.6	-0301.9	184	9.5	11445.7	-0356.5	274	9.5	14548.0	-0316.6	364	9.0	21431.8	-0354.1
95	9.3	03720.4	-0324.4	185	9.0	11450.6	-0330.1	275	9.5	14602.3	-0302.5	365	10.	21512.3	-0328.0
96	9.5	03742.3	-0309.7	186	9.0	11509.8	-0357.9	276	9.3	14654.0	-0313.0	366	9.8	21523.4	-0339.0
97	9.0	03829.3	-0314.6	187	8.8	11529.1	-0346.6	277	9.6	14658.0	-0330.1	367	9.3	21529.9	-0329.2
98	9.0	03919.4	-0318.6	188	8.8	11539.3	-0323.7	278	9.2	14711.9	-0301.4	368	9.6	21531.0	-0351.6
99	7.0	04012.8	-0306.6	189	9.0	11628.0	-0343.7	279	9.7	14725.6	-0300.5	369	9.3	21548.8	-0355.7
100	9.1	04025.2	-0359.8	190	10.	11631.4	-0336.3	280	9.6	14740.4	-0345.4	370	9.8	21650.1	-0330.9
101	9.4	04037.0	-0352.0	191	8.0	11658.7	-0313.5	281	9.0	14749.4	-0345.2	371	8.8	21654.6	-0354.0
102	9.3	04039.4	-0322.9	192	9.5	11707.4	-0320.3	282	9.0	14752.3	-0323.2	372	8.2	21703.8	-0345.2
103	9.5	04131.7	-0331.4	193	9.3	11714.8	-0312.1	283	9.0	14836.1	-0359.8	373	9.1	21708.0	-0339.4
104	9.3	04134.9	-0331.7	194	9.3	11726.9	-0325.3	284	9.1	14900.5	-0307.1	374	6.7	21739.2	-0326.2
105	9.0	04214.0	-0349.5	195	5.8	11726.9	-0336.1	285	9.1	14955.1	-0358.1	375	8.6	21754.8	-0352.3
106	9.5	04220.0	-0302.8	196	9.7	11738.6	-0327.6	286	9.2	15015.0	-0331.8	376	9.8	21807.9	-0347.6
107	9.3	04252.9	-0314.2	197	10.	11901.7	-0327.5	287	10.	15032.0	-0359.7	377	10.	21810.7	-0332.5
108	10.	04256.5	-0314.4	198	9.0	11910.9	-0314.7	288	8.8	15058.5	-0311.3	378	8.9	21814.1	-0307.8
109	9.1	04327.4	-0308.2	199	9.6	11917.8	-0319.6	289	9.7	15111.2	-0359.0	379	9.8	21853.5	-0329.0
110	9.1	04328.4	-0347.5	200	9.5	11922.4	-0342.3	290	8.8	15134.5	-0306.8	380	9.3	21853.6	-0332.8
111	9.4	04350.3	-0303.3	201	9.1	11941.3	-0301.1	291	9.5	15143.7	-0333.1	381	9.2	21855.5	-0320.3
112	9.2	04353.4	-0359.1	202	9.6	12005.5	-0316.1	292	9.8	15227.5	-0314.9	382	9.5	21934.7	-0302.4
113	7.3	04409.4	-0356.0	203	10.	12140.4	-0320.2	293	9.8	15244.0	-0352.3	383	8.8	21955.9	-0354.9
114	9.0	04458.5	-0316.8	204	8.3	12158.3	-0357.3	294	9.5	15254.6	-0357.2	384	8.1	22008.8	-0322.2
115	9.1	04501.5	-0342.9	205	10.	12158.7	-0352.9	295	9.9	15304.8	-0302.7	385	9.8	22126.7	-0309.1
116	9.6	04508.2	-0355.6	206	9.8	12206.9	-0359.5	296	8.8	15310.8	-0338.9	386	10.	22155.0	-0312.2
117	9.5	04516.4	-0339.7	207	9.0	12209.3	-0323.7	297	9.0	15325.5	-0341.5	387	9.4	22236.3	-0357.7
118	9.5	04529.0	-0345.0	208	9.5	12254.4	-0338.1	298	10.	15327.2	-0332.8	388	9.2	22239.7	-0357.9
119	8.8	04530.2	-0326.1	209	9.2	12307.3	-0354.2	299	9.6	15339.1	-0309.8	389	8.1	22243.9	-0302.7
120	9.4	04604.9	-0340.8	210	9.8	12330.8	-0352.5	300	7.7	15343.6	-0312.0	390	8.5	22328.6	-0350.9
121	9.3	04628.4	-0314.1	211	8.8	12332.5	-0340.0	301	8.5	15444.1	-0317.1	391	9.5	22338.4	-0342.1
122	9.5	04639.0	-0352.0	212	9.0	12354.6	-0305.2	302	10.	15502.0	-0352.5	392	9.3	22340.2	-0305.4
123	9.2	04656.9	-0328.4	213	8.7	12443.2	-0328.7	303	9.5	15514.7	-0301.1	393	9.7	22353.1	-0306.7
124	9.3	04733.5	-0346.4	214	9.0	12443.8	-0343.7	304	7.0	15530.5	-0304.3	394	9.5	22405.7	-0356.1
125	9.5	04742.6	-0320.9	215	9.2	12444.8	-0315.9	305	9.5	15543.8	-0335.4	395	9.8	22448.2	-0354.7
126	9.2	04749.9	-0346.7	216	9.0	12445.0	-0352.2	306	9.4	15552.4	-0339.0	396	8.8	22549.5	-0302.6
127	10.	04754.6	-0302.1	217	9.0	12503.2	-0347.9	307	9.1	15557.8	-0339.0	397	9.5	22611.0	-0316.6
128	9.5	04800.9	-0329.5	218	9.0	12541.5	-0348.2	308	7.8	15634.5	-0324.4	398	9.5	22615.9	-0314.4
129	9.5	04802.0	-0319.5	219	9.5	12609.8	-0319.7	309	9.4	15703.2	-0356.8	399	10.	22636.4	-0336.2
130	9.9	04840.3	-0334.3	220	9.0	12721.7	-0309.4	310	10.	15718.5	-0323.1	400	9.0	22639.7	-0350.5
131	9.3	04858.7	-0334.9	221	9.7	12723.8	-0354.7	311	9.5	15840.1	-0308.3	401	9.5	22650.8	-0357.3
132	7.0	04923.6	-0330.9	222	9.3	12728.3	-0317.1	312	9.6	15845.7	-0333.7	402	9.8	22706.7	-0321.8
133	9.1	04928.9	-0309.9	223	9.4	12729.2	-0329.6	313	9.5	15848.8	-0304.9	403	9.1	22714.2	-0325.9
134	9.5	05039.5	-0345.2	224	7.5	12744.8	-0304.6	314	9.2	15914.7	-0355.6	404	8.7	22722.2	-0326.1
135	8.5	05049.6	-0321.7	225	9.4	12755.8	-0306.7	315	9.7	15938.5	-0308.9	405	9.1	22745.5	-0343.9
136	7.8	05139.4	-0314.1	226	9.4	12758.5	-0326.3	316	9.3	20022.4	-0300.8	406	8.1	22803.0	-0305.6
137	8.9	05148.0	-0311.0	227	9.8	12949.3	-0303.0	317	9.6	20041.0	-0358.5	407	8.3	22832.9	-0338.6
138	9.5	05200.9	-0359.9	228	8.9	12950.0	-0327.4	318	10.	20057.4	-0344.0	408	9.9	22858.7	-0358.0
139	9.4	05243.0	-0330.8	229	9.1	13008.2	-0329.8	319	9.0	20106.8	-0326.9	409	9.6	22920.3	-0357.4

410	8.3	22921.6	-0347.6	500	9.4	30045.5	-0310.1	590	9.3	33215.2	-0320.5	680	8.8	35826.6	-0310.2
411	9.1	22931.6	-0323.2	501	9.8	30140.9	-0325.1	591	6.3	33222.6	-0352.0	681	10.	35836.2	-0313.6
412	9.3	23025.2	-0312.6	502	8.6	30210.7	-0347.4	592	7.2	33300.7	-0341.3	682	9.1	35850.4	-0320.8
413	8.8	23026.0	-0303.5	503	9.8	30245.2	-0343.4	593	9.5	33319.1	-0329.0	683	10.	35857.7	-0300.8
414	9.8	23052.9	-0326.5	504	9.3	30310.4	-0326.1	594	9.6	33340.4	-0322.5	684	9.3	35938.3	-0304.9
415	8.5	23139.4	-0312.6	505	9.5	30313.3	-0316.5	595	9.8	33353.9	-0317.3	685	8.0	40016.0	-0323.3
416	9.0	23143.5	-0349.3	506	9.3	30319.4	-0326.1	596	9.8	33406.9	-0321.4	686	9.5	40032.2	-0349.0
417	9.0	23244.0	-0333.5	507	9.0	30338.9	-0314.4	597	8.0	33424.8	-0318.7	687	9.6	40045.6	-0322.1
418	9.3	23246.5	-0330.4	508	9.6	30402.1	-0332.1	598	9.7	33446.2	-0303.9	688	9.0	40119.3	-0356.3
419	9.7	23339.4	-0320.8	509	8.9	30406.3	-0334.9	599	9.1	33447.6	-0350.1	689	9.1	40120.1	-0351.0
420	9.8	23400.5	-0322.1	510	9.9	30430.1	-0336.4	600	9.5	33510.0	-0327.4	690	8.3	40122.2	-0304.4
421	6.3	23430.6	-0350.3	511	10.	30451.4	-0305.4	601	9.4	33619.6	-0330.1	691	9.5	40124.4	-0326.9
422	9.8	23449.4	-0312.7	512	8.2	30511.8	-0333.1	602	9.2	33627.4	-0329.9	692	9.5	40205.8	-0328.3
423	9.1	23456.8	-0339.4	513	8.7	30525.6	-0314.9	603	9.6	33644.1	-0304.5	693	10.	40217.3	-0321.2
424	9.8	23457.2	-0305.0	514	8.7	30526.4	-0327.4	604	9.4	33706.2	-0308.8	694	9.1	40224.9	-0348.0
425	9.8	23514.5	-0348.9	515	9.8	30617.4	-0302.7	605	8.9	33715.1	-0357.6	695	9.0	40228.9	-0341.0
426	6.7	23609.1	-0309.0	516	9.5	30617.8	-0312.2	606	9.6	33725.1	-0355.6	696	6.5	40234.8	-0357.2
427	9.3	23649.5	-0323.5	517	9.0	30637.5	-0332.4	607	9.9	33807.6	-0344.9	697	9.3	40245.5	-0307.1
428	9.8	23652.0	-0335.9	518	9.7	30646.0	-0309.7	608	9.6	33809.6	-0348.0	698	9.5	40258.1	-0329.7
429	9.6	23700.0	-0306.5	519	9.0	30657.4	-0312.2	609	9.6	33851.4	-0300.9	699	8.8	40301.8	-0331.2
430	9.8	23742.0	-0303.0	520	9.7	30735.9	-0334.9	610	9.6	33852.4	-0328.3	700	9.5	40320.4	-0335.1
431	9.4	23755.9	-0339.2	521	9.3	30739.1	-0302.9	611	9.6	33958.5	-0325.3	701	9.1	40327.1	-0303.9
432	9.2	23838.9	-0327.2	522	9.8	30832.7	-0333.0	612	9.0	34000.7	-0344.8	702	9.0	40354.9	-0345.4
433	9.2	23845.5	-0326.0	523	9.8	30857.8	-0340.2	613	9.5	34002.1	-0348.1	703	8.5	40405.0	-0320.6
434	9.8	23854.9	-0312.1	524	8.6	30928.2	-0307.4	614	8.2	34027.5	-0301.3	704	8.5	40412.4	-0338.2
435	9.5	23915.5	-0347.2	525	8.0	30928.5	-0304.0	615	8.9	34037.5	-0309.3	705	10.	40423.6	-0324.4
436	8.6	23950.6	-0350.1	526	9.1	30942.9	-0347.9	616	7.2	34042.4	-0318.7	706	10.	40424.1	-0301.1
437	8.5	24007.7	-0354.2	527	10.	30946.8	-0343.4	617	9.1	34046.4	-0339.6	707	9.1	40430.3	-0352.7
438	9.0	24014.8	-0311.6	528	10.	30951.5	-0356.8	618	9.3	34208.5	-0302.2	708	9.5	40451.3	-0342.5
439	9.6	24022.9	-0340.8	529	10.	31012.7	-0339.6	619	9.0	34227.9	-0323.1	709	9.4	40458.0	-0321.2
440	9.3	24023.9	-0338.3	530	9.9	31025.6	-0358.5	620	9.4	34237.4	-0344.0	710	9.4	40532.3	-0351.4
441	9.8	24030.8	-0302.2	531	9.6	31033.3	-0338.9	621	9.5	34308.8	-0321.9	711	9.6	40537.1	-0304.8
442	9.8	24042.5	-0319.2	532	9.8	31111.7	-0320.4	622	9.6	34324.0	-0321.3	712	9.3	40601.7	-0354.9
443	10.	24048.0	-0342.7	533	8.8	31137.3	-0342.2	623	9.8	34335.5	-0312.5	713	9.2	40611.8	-0308.9
444	9.3	24127.4	-0338.0	534	7.3	31142.2	-0321.9	624	9.9	34448.7	-0300.2	714	10.	40620.2	-0308.9
445	9.4	24131.9	-0349.9	535	9.2	31203.9	-0351.2	625	8.5	34450.4	-0351.4	715	9.5	40628.4	-0324.7
446	9.3	24152.4	-0312.3	536	9.8	31215.1	-0313.9	626	9.8	34529.9	-0318.6	716	9.5	40629.3	-0350.0
447	9.2	24213.5	-0300.9	537	9.3	31244.6	-0300.8	627	9.5	34546.1	-0354.9	717	9.8	40630.0	-0358.9
448	9.8	24252.0	-0317.3	538	8.8	31249.5	-0332.8	628	9.8	34558.2	-0358.9	718	9.3	40642.4	-0329.0
449	9.8	24309.8	-0305.5	539	9.4	31329.8	-0342.1	629	8.3	34600.7	-0343.5	719	9.4	40648.6	-0331.4
450	9.3	24312.4	-0341.1	540	8.1	31333.2	-0328.1	630	9.4	34619.8	-0302.9	720	9.4	40659.2	-0307.2
451	9.5	24340.0	-0320.0	541	9.8	31337.7	-0319.6	631	5.0	34700.4	-0323.3	721	9.8	40716.3	-0351.5
452	9.4	24402.6	-0327.5	542	8.9	31507.5	-0327.5	632	9.5	34701.7	-0320.5	722	9.6	40731.1	-0305.5
453	7.1	24404.7	-0335.8	543	9.3	31510.3	-0335.3	633	9.5	34706.8	-0316.5	723	9.5	40733.8	-0356.7
454	9.1	24415.6	-0354.0	544	9.5	31516.8	-0317.2	634	9.5	34711.3	-0349.6	724	9.4	40745.8	-0340.8
455	9.0	24457.5	-0344.0	545	10.	31517.4	-0309.0	635	10.	34751.3	-0317.8	725	8.4	40757.6	-0332.1
456	8.9	24554.5	-0321.4	546	9.1	31612.2	-0305.0	636	10.	34802.0	-0303.1	726	9.3	40757.8	-0356.8
457	10.	24635.7	-0355.0	547	9.2	31659.7	-0321.8	637	9.9	34805.4	-0302.4	727	8.5	40830.3	-0353.5
458	9.6	24707.8	-0359.7	548	9.3	31757.8	-0319.1	638	9.2	34821.6	-0333.0	728	9.5	40846.8	-0350.8
459	8.0	24740.7	-0353.8	549	9.1	31847.5	-0352.9	639	9.2	34830.3	-0341.1	729	10.	40852.7	-0300.2
460	9.8	24754.2	-0307.8	550	9.8	31900.4	-0332.9	640	8.7	34842.2	-0332.6	730	8.6	40856.8	-0329.8
461	9.3	24850.9	-0335.2	551	9.5	31924.1	-0352.2	641	9.8	34925.8	-0331.4	731	9.5	40912.5	-0333.3
462	9.5	24851.8	-0356.1	552	9.1	31928.2	-0358.8	642	10.	34942.0	-0317.0	732	8.9	40931.3	-0328.8
463	9.5	24923.1	-0342.1	553	8.9	31950.5	-0347.2	643	9.5	34942.7	-0330.4	733	9.3	40950.8	-0326.1
464	9.8	24933.6	-0317.4	554	8.0	32003.9	-0337.3	644	10.	34947.1	-0321.5	734	9.5	41002.3	-0359.0
465	9.5	24938.5	-0341.2	555	9.7	32008.4	-0311.8	645	8.9	34959.4	-0332.7	735	10.	41004.5	-0313.1
466	9.4	24943.8	-0300.6	556	10.	32009.2	-0307.2	646	9.7	35017.6	-0320.0	736	9.3	41017.1	-0303.2
467	9.8	24952.4	-0308.0	557	9.5	32017.5	-0353.6	647	8.8	35024.2	-0317.8	737	9.3	41102.9	-0335.4
468	9.8	25023.0	-0315.6	558	9.0	32105.9	-0338.7	648	8.8	35034.1	-0300.6	738	9.8	41115.3	-0356.8
469	9.0	25118.0	-0337.0	559	9.6	32118.4	-0344.0	649	9.4	35050.9	-0340.9	739	9.2	41125.5	-0303.5
470	5.5	25124.1	-0321.7	560	8.6	32124.5	-0343.1	650	7.1	35120.2	-0304.2	740	8.9	41128.5	-0703.1
471	9.6	25126.7	-0327.5	561	9.8	32159.7	-0344.0	651	9.0	35124.5	-0304.3	741	9.4	41134.8	-0329.9
472	9.6	25154.6	-0330.2	562	9.8	32224.7	-0312.9	652	9.7	35127.0	-0342.2	742	9.5	41147.2	-0343.8
473	9.0	25214.0	-0336.5	563	9.1	32231.7	-0342.9	653	9.4	35130.5	-0338.3	743	9.7	41151.0	-0312.7
474	9.1	25220.8	-0356.1	564	8.7	32258.0	-0328.8	654	9.4	35205.3	-0343.0	744	8.7	41203.4	-0339.4
475	6.2	25221.3	-0302.6	565	8.5	32408.3	-0324.1	655	9.2	35224.4	-0353.1	745	8.8	41214.1	-0328.1
476	8.6	25221.8	-0307.1	566	9.7	32435.6	-0354.7	656	9.8	35250.5	-0325.4	746	9.2	41221.3	-0357.3
477	9.5	25320.0	-0338.0	567	9.7	32449.3	-0329.6	657	9.6	35324.6	-0310.4	747	9.6	41231.7	-0314.8
478	6.8	25333.4	-0327.1	568	9.4	32451.7	-0355.0	658	9.0	35346.9	-0354.9	748	9.6	41235.0	-0318.6
479	10.	25333.8	-0352.7	569	9.8	32453.2	-0311.6	659	9.0	35411.5	-0303.1	749	9.3	41249.9	-0356.0
480	10.	25416.4	-0347.8	570	8.2	32509.8	-0348.3	660	9.1	35420.4	-0344.7	750	9.3	41424.2	-0321.2
481	9.6	25425.0	-0326.0	571	8.8	32544.6	-0325.6	661	8.8	35421.4	-0318.8	751	9.8	41443.3	-0330.5
482	8.5	25443.4	-0331.1	572	8.7	32611.4	-0302.2	662	9.4	35430.3	-0302.6	752	9.2	41458.9	-0327.6
483	8.3	25539.6	-0334.2	573	9.7	32635.2	-0300.5	663	10.	35434.5	-0340.0	753	9.1	41506.2	-0301.0
484	9.8	25540.5	-0349.6	574	8.2	32708.5	-0342.7	664	9.8	35441.9	-0345.4	754	9.5	41520.3	-0321.2
485	9.5	25609.0	-0300.8	575	9.5	32732.6	-0338.9	665	9.8	35452.5	-0303.4	755	9.8	41521.3	-0334.5
486	9.1	25620.1	-0312.9	576	7.4	32737.0	-0353.8	666	10.	35500.3	-0346.5	756	9.6	41531.5	-0306.0
487	9.8	25636.7	-0346.6	577	9.6	32740.2	-0304.9	667	9.5	35502.1	-0341.5	757	9.2	41535.4	-0352.1
488	10.	25634.2	-0346.4	578	9.1	32802.3	-0319.5	668	9.7	35508.0	-0308.8	758	9.5	41542.3	-0353.7
489	9.8	25658.4	-0308.4	579	9.2	32848.6	-0349.3	669	9.5	35530.4	-0347.2	759	8.6	41610.9	-0350.1
490	9.2	25709.7	-0304.3	580	9.5	32907.9	-0322.1	670	9.2	35549.4	-0349.0	760	10.	41624.2	-0302.7
491	9.8	25720.6	-0300.5	581	8.9	32916.4	-0317.9	671	10.	35623.9	-0333.6	761	9.8	41632.1	-0349.5
492	9.8	25802.1	-0314.0	582	9.8	32931.1	-0303.2	672	10.	35624.0	-0318.4	762	9.0	41632.6	-0317.4
493	8.9	25825.8	-0329.5	583	9.8	32938.7	-0308.6	673	9.0	35650.2	-0301.3	763	9.6	41635.5	-0314.0
494	9.5	25828.0	-0349.3	584	9.4	33001.5	-0305.2	674	10.	35653.1	-0315.9	764	9.4	41648.2	-0323.3
495	9.6	25905.5	-0357.6	585	9.4	33010.6	-0350.9	675	9.3	35700.0	-0308.2	765	9.3	41652.4	-0357.0
496	9.6	25910.0	-0347.4	586	10.	33027.1	-0341.4	676	8.0	35716.9	-0344.4	766	9.4	41710.0	-0316.0
497	9.6	25910.1	-0349.7	587	9.2	33035.4	-0300.0	677	9.0	35733.8	-0333.7	767	9.5	41720.9	-0352.8
498	9.8	25912.3	-0302.5	588	8.5	33058.7	-0302.7	678	9.4	35749.0	-0352.9	768	9.4	41722.6	-0349.4
499	9.5	30003.4	-0332.3	589	9.4	33106.1	-0345.7	679	10.	35805.9	-0317.7	769	9.5	41729.9	-0310.6

770	8.8	41739.6	-0301.1	860	9.8	43456.2	-0337.9	950	9.1	45029.4	-0327.8	1040	9.0	50551.9	-0308.4
771	9.7	41751.5	-0304.5	861	9.5	43457.3	-0306.2	951	9.5	45055.2	-0347.8	1041	9.0	50607.2	-0318.6
772	9.8	41754.8	-0300.2	862	8.8	43501.0	-0343.7	952	9.4	45112.0	-0307.4	1042	7.7	50625.6	-0348.3
773	9.6	41816.6	-0303.4	863	9.5	43519.9	-0311.4	953	7.3	45112.7	-0357.7	1043	10.	50646.1	-0314.2
774	9.5	41916.2	-0347.8	864	8.4	43539.7	-0336.2	954	9.7	45115.5	-0323.5	1044	9.0	50646.6	-0349.2
775	8.8	41937.9	-0316.2	865	9.8	43551.2	-0324.6	955	9.4	45117.5	-0324.9	1045	9.5	50650.3	-0327.1
776	9.5	41938.9	-0331.5	866	9.3	43601.8	-0341.5	956	9.7	45121.5	-0303.0	1046	9.5	50802.8	-0359.4
777	8.8	41939.9	-0309.2	867	10.	43612.1	-0316.3	957	9.3	45129.6	-0308.4	1047	9.2	50805.9	-0306.6
778	8.6	41944.9	-0327.2	868	9.1	43626.0	-0326.3	958	9.8	45145.7	-0307.1	1048	9.2	50807.8	-0303.9
779	9.7	41949.5	-0346.0	869	8.0	43651.8	-0326.3	959	9.5	45155.2	-0321.1	1049	9.3	50809.3	-0331.7
780	8.3	41952.3	-0331.3	870	9.4	43656.4	-0359.3	960	9.7	45159.4	-0313.8	1050	8.0	50811.0	-0332.1
781	9.3	42025.5	-0347.1	871	9.1	43711.0	-0315.6	961	10.	45220.2	-0302.1	1051	8.5	50900.6	-0339.7
782	9.6	42036.5	-0324.4	872	9.5	43726.1	-0318.1	962	9.2	45232.5	-0334.6	1052	9.5	50900.9	-0308.7
783	9.5	42047.1	-0325.5	873	9.8	43742.2	-0342.8	963	9.2	45232.9	-0302.7	1053	9.8	50911.4	-0329.5
784	9.2	42049.4	-0337.9	874	9.0	43752.0	-0317.4	964	9.1	45234.5	-0349.5	1054	9.5	50933.5	-0333.2
785	9.1	42054.8	-0328.3	875	8.6	43756.6	-0320.8	965	9.4	45249.6	-0333.2	1055	9.7	50934.1	-0336.2
786	9.8	42107.9	-0311.7	876	3.5	43815.3	-0331.3	966	9.1	45300.8	-0356.1	1056	9.5	50949.2	-0322.1
787	9.1	42112.1	-0318.1	877	9.1	43820.0	-0310.7	967	10.	45304.6	-0321.9	1057	9.5	51038.4	-0303.8
788	9.5	42118.9	-0304.5	878	9.5	43827.2	-0332.2	968	9.7	45305.6	-0334.3	1058	9.5	51053.3	-0340.8
789	9.1	42123.0	-0334.8	879	9.0	43830.5	-0311.5	969	9.5	45307.4	-0358.9	1059	9.1	51057.6	-0341.5
790	9.2	42139.3	-0307.0	880	9.3	43831.0	-0333.9	970	10.	45314.7	-0304.7	1060	10.	51141.9	-0305.5
791	9.6	42141.5	-0337.9	881	8.0	43835.4	-0310.6	971	9.5	45318.8	-0323.7	1061	8.5	51152.1	-0314.0
792	9.2	42205.7	-0309.6	882	9.8	43858.9	-0349.1	972	9.6	45319.3	-0355.1	1062	9.5	51222.0	-0309.0
793	9.6	42206.9	-0359.1	883	8.6	43901.8	-0358.0	973	9.0	45337.1	-0329.2	1063	10.	51245.9	-0305.9
794	9.0	42227.6	-0316.4	884	7.2	43907.9	-0313.4	974	9.8	45342.9	-0316.0	1064	9.5	51251.7	-0345.8
795	8.9	42245.4	-0327.8	885	9.4	43923.0	-0342.8	975	9.4	45343.7	-0351.5	1065	9.0	51310.7	-0339.6
796	9.4	42249.9	-0304.2	886	9.0	43926.5	-0355.6	976	9.4	45405.7	-0326.0	1066	8.9	51314.4	-0325.4
797	9.8	42259.5	-0356.0	887	9.6	43948.4	-0335.6	977	9.4	45411.8	-0325.0	1067	9.5	51317.0	-0309.9
798	10.	42300.7	-0348.2	888	9.7	43959.2	-0329.9	978	9.7	45421.3	-0307.5	1068	9.3	51326.3	-0323.7
799	9.5	42312.5	-0336.8	889	9.3	44032.7	-0329.9	979	9.8	45431.2	-0348.3	1069	9.5	51338.8	-0356.0
800	9.1	42332.6	-0317.4	890	9.6	44035.0	-0300.7	980	9.0	45448.3	-0308.4	1070	8.5	51355.8	-0300.5
801	9.6	42346.0	-0333.8	891	9.3	44042.2	-0355.0	981	10.	45448.7	-0300.9	1071	10.	51424.0	-0300.4
802	9.2	42425.6	-0315.2	892	9.8	44053.2	-0312.5	982	9.5	45458.6	-0302.8	1072	9.3	51425.5	-0306.9
803	9.3	42434.5	-0308.0	893	9.8	44054.8	-0351.3	983	9.8	45540.2	-0350.1	1073	9.5	51432.7	-0340.0
804	9.2	42442.8	-0302.0	894	9.4	44103.7	-0306.7	984	9.6	45542.8	-0351.7	1074	9.5	51437.4	-0313.9
805	9.3	42452.6	-0337.7	895	9.5	44113.2	-0353.4	985	8.3	45605.4	-0311.5	1075	8.0	51444.9	-0305.9
806	9.5	42454.4	-0332.3	896	9.8	44115.4	-0331.0	986	9.4	45612.4	-0302.2	1076	9.5	51448.3	-0323.8
807	9.6	42510.6	-0331.2	897	8.7	44125.0	-0334.8	987	9.0	45619.4	-0311.4	1077	9.8	51459.7	-0351.1
808	9.8	42522.2	-0302.6	898	10.	44152.1	-0320.3	988	9.6	45627.4	-0328.5	1078	9.4	51531.6	-0354.9
809	5.6	42522.5	-0339.9	899	9.5	44158.0	-0344.5	989	9.8	45631.0	-0326.2	1079	10.	51539.6	-0359.2
810	9.4	42529.6	-0332.0	900	9.5	44202.5	-0341.7	990	9.8	45636.4	-0340.7	1080	9.5	51542.6	-0335.8
811	8.7	42603.6	-0319.7	901	9.4	44209.4	-0339.5	991	8.7	45645.6	-0304.4	1081	8.5	51550.8	-0304.1
812	8.9	42606.6	-0336.5	902	9.3	44211.1	-0356.0	992	9.0	45646.2	-0342.3	1082	10.	51555.2	-0317.9
813	9.5	42608.9	-0317.2	903	8.5	44217.0	-0310.9	993	8.5	45702.8	-0336.6	1083	9.0	51605.1	-0315.2
814	9.8	42611.7	-0342.9	904	9.5	44222.0	-0349.1	994	9.5	45703.0	-0313.3	1084	10.	51624.6	-0358.4
815	9.7	42617.5	-0315.2	905	10.	44230.8	-0303.6	995	9.7	45712.6	-0315.3	1085	9.5	51629.6	-0359.2
816	9.5	42620.5	-0335.1	906	9.6	44234.0	-0345.1	996	10.	45721.9	-0357.2	1086	9.5	51632.4	-0328.1
817	9.8	42636.1	-0349.1	907	9.1	44237.0	-0302.9	997	9.6	45722.7	-0348.0	1087	8.5	51638.0	-0313.4
818	9.0	42642.6	-0305.0	908	8.5	44414.7	-0323.7	998	6.0	45739.2	-0314.5	1088	10.	51645.7	-0343.5
819	9.4	42648.0	-0356.7	909	7.3	44417.1	-0356.8	999	8.5	45753.3	-0352.7	1089	9.7	51708.8	-0356.5
820	9.5	42652.4	-0342.3	910	9.2	44419.1	-0350.6	1000	9.4	45754.2	-0347.4	1090	9.0	51713.9	-0307.6
821	10.	42708.4	-0303.8	911	8.5	44421.5	-0312.2	1001	9.0	45804.6	-0341.3	1091	8.8	51714.9	-0324.8
822	9.2	42737.7	-0316.6	912	9.1	44430.4	-0359.1	1002	9.1	45823.1	-0335.2	1092	9.2	51719.7	-0338.6
823	9.5	42747.0	-0339.2	913	9.5	44443.2	-0315.7	1003	8.7	45830.8	-0318.1	1093	9.5	51752.8	-0358.2
824	8.3	42747.5	-0338.1	914	8.9	44449.8	-0357.5	1004	9.9	45833.8	-0348.3	1094	10.	51807.7	-0335.3
825	10.	42752.7	-0301.8	915	9.7	44459.7	-0305.4	1005	10.	45836.4	-0308.3	1095	9.5	51835.9	-0308.4
826	10.	42804.4	-0311.2	916	9.7	44504.0	-0328.6	1006	9.5	45836.9	-0301.4	1096	9.5	51845.9	-0305.3
827	9.0	42814.9	-0327.4	917	8.0	44507.6	-0325.3	1007	9.4	45849.2	-0328.4	1097	8.5	51902.0	-0312.5
828	9.8	42815.3	-0359.0	918	9.5	44509.6	-0309.2	1008	9.5	45850.2	-0332.5	1098	9.2	51913.8	-0300.9
829	9.1	42832.5	-0334.1	919	9.6	44546.2	-0308.1	1009	9.1	45854.1	-0317.1	1099	9.5	51919.6	-0336.2
830	6.2	42848.4	-0346.6	920	9.2	44545.1	-0310.3	1010	8.0	45859.3	-0341.2	1100	9.5	51928.7	-0342.0
831	9.1	42850.5	-0347.1	921	9.4	44605.1	-0342.1	1011	8.7	45913.1	-0334.9	1101	9.3	51934.9	-0308.4
832	8.3	42903.2	-0318.2	922	9.3	44618.6	-0336.1	1012	9.4	45933.1	-0317.1	1102	9.2	51948.6	-0303.0
833	9.5	42902.2	-0329.6	923	9.3	44639.7	-0304.3	1013	9.5	45937.4	-0331.3	1103	9.1	51953.0	-0303.5
834	5.5	42904.5	-0329.0	924	9.5	44640.9	-0312.1	1014	8.5	45957.6	-0341.7	1104	9.8	52000.1	-0315.5
835	9.8	42909.8	-0307.5	925	9.5	44655.5	-0353.5	1015	9.0	45959.1	-0317.9	1105	9.5	52020.8	-0303.5
836	9.8	42913.2	-0301.5	926	9.7	44704.8	-0329.7	1016	9.7	50003.6	-0307.6	1106	9.4	52035.6	-0313.7
837	9.6	42917.0	-0318.5	927	8.6	44708.9	-0356.6	1017	9.0	50016.9	-0330.5	1107	9.3	52039.0	-0312.3
838	9.5	42929.0	-0346.6	928	6.6	44713.3	-0327.7	1018	9.5	50017.9	-0326.3	1108	9.5	52040.7	-0343.8
839	9.6	42959.4	-0307.8	929	9.8	44717.5	-0322.9	1019	9.5	50018.8	-0302.3	1109	9.5	52115.6	-0309.5
840	9.2	43009.1	-0339.2	930	9.0	44725.7	-0307.6	1020	9.0	50039.9	-0306.8	1110	8.5	52115.6	-0335.7
841	9.2	43031.6	-0318.9	931	9.2	44728.9	-0311.8	1021	9.5	50109.8	-0331.0	1111	9.0	52123.2	-0321.8
842	9.4	43042.9	-0303.6	932	9.5	44736.9	-0312.5	1022	9.2	50111.6	-0347.7	1112	8.9	52127.8	-0359.8
843	9.8	43045.9	-0347.9	933	9.1	44739.0	-0317.6	1023	7.5	50116.7	-0300.1	1113	9.3	52128.5	-0310.8
844	9.3	43055.5	-0345.9	934	10.	44748.1	-0301.7	1024	7.5	50118.0	-0312.2	1114	9.8	52138.4	-0305.0
845	9.6	43058.5	-0347.6	935	9.5	44756.2	-0342.3	1025	8.0	50124.5	-0330.1	1115	6.8	52142.5	-0325.7
846	9.4	43103.8	-0300.3	936	9.8	44808.7	-0348.3	1026	9.5	50149.5	-0332.3	1116	6.3	52210.1	-0334.0
847	9.7	43111.4	-0312.7	937	9.3	44810.5	-0355.2	1027	9.5	50157.1	-0314.8	1117	8.3	52307.4	-0325.3
848	9.5	43116.3	-0349.9	938	9.5	44810.8	-0338.4	1028	9.5	50256.4	-0331.6	1118	9.3	52313.7	-0343.8
849	9.8	43118.1	-0322.6	939	9.4	44832.1	-0358.2	1029	9.6	50256.4	-0300.9	1119	9.5	52345.3	-0342.4
850	9.6	43129.6	-0323.5	940	9.4	44834.1	-0349.6	1030	9.5	50301.4	-0327.1	1120	8.8	52350.7	-0325.6
851	9.8	43138.3	-0349.7	941	9.5	44844.5	-0331.0	1031	9.8	50326.9	-0328.0	1121	9.0	52355.2	-0318.5
852	9.4	43142.0	-0317.5	942	9.4	44855.1	-0319.0	1032	9.2	50413.8	-0337.7	1122	9.7	52401.9	-0344.4
853	9.6	43221.0	-0334.5	943	9.5	44859.2	-0345.9	1033	9.2	50415.2	-0337.1	1123	8.7	52407.9	-0343.1
854	9.2	43223.2	-0336.7	944	9.0	44925.6	-0321.0	1034	9.2	50419.6	-0347.0	1124	9.7	52411.8	-0338.2
855	8.5	43228.2	-0340.3	945	9.1	45000.8	-0349.9	1035	9.5	50447.6	-0350.6	1125	9.3	52424.5	-0334.0
856	9.3	43229.1	-0321.9	946	9.1	45001.7	-0302.6	1036	9.5	50501.7	-0354.6	1126	7.2	52430.2	-0319.5
857	7.3	43241.6	-0348.0	947	9.7	45011.1	-0322.1	1037	8.5	50513.0	-0312.5	1127	9.5	52438.7	-0343.6
858	9.5	43242.9	-0302.6	948	9.8	45012.4	-0348.8	1038	10.	50522.6	-0339.4	1128	9.5	52448.1	-0316.8
859	9.8	43422.9	-0315.0	949	9.8	45020.7	-0304.4	1039	9.2	50543.4	-0357.7	1129	9.5	52501.3	-0322.5

1130	9.5	52501.7	-0340.5	1220	9.0	54539.2	-0331.9	1310	9.0	60221.7	-0322.7	1400	9.9	61411.2	-0309.4
1131	9.3	52506.8	-0357.0	1221	8.5	54541.7	-0311.5	1311	9.3	60226.2	-0325.6	1401	9.5	61426.5	-0343.8
1132	9.5	52527.2	-0318.5	1222	9.5	54542.7	-0318.2	1312	9.5	60229.5	-0304.4	1402	9.6	61439.0	-0311.3
1133	9.5	52538.0	-0311.4	1223	8.5	54608.7	-0335.4	1313	9.5	60233.8	-0346.6	1403	9.8	61457.9	-0354.3
1134	9.7	52610.2	-0325.4	1224	9.3	54620.8	-0350.6	1314	10.	60240.7	-0332.5	1404	9.8	61506.6	-0301.7
1135	8.8	52616.0	-0312.6	1225	9.5	54621.8	-0338.5	1315	9.5	60247.8	-0322.7	1405	9.2	61514.9	-0339.5
1136	7.5	52623.8	-0334.4	1226	9.0	54635.7	-0313.7	1316	9.5	60253.5	-0311.1	1406	9.6	61516.7	-0337.5
1137	9.2	52626.7	-0344.0	1227	9.5	54648.9	-0356.4	1317	9.4	60313.5	-0303.5	1407	9.8	61528.4	-0351.4
1138	9.5	52648.6	-0336.4	1228	9.0	54713.6	-0305.2	1318	9.0	60321.1	-0334.1	1408	9.5	61531.6	-0350.4
1139	9.2	52657.5	-0332.9	1229	8.5	54722.7	-0314.2	1319	9.5	60322.9	-0351.3	1409	9.3	61532.6	-0351.8
1140	9.3	52657.7	-0321.1	1230	8.3	54727.8	-0330.9	1320	9.5	60324.2	-0326.2	1410	9.7	61538.9	-0333.7
1141	8.5	52726.7	-0346.7	1231	9.5	54744.6	-0310.7	1321	9.0	60327.9	-0356.2	1411	9.5	61543.7	-0322.3
1142	9.2	52755.7	-0348.3	1232	9.5	54744.8	-0346.6	1322	9.5	60338.3	-0336.5	1412	9.1	61547.0	-0330.0
1143	9.5	52759.3	-0318.4	1233	9.5	54745.9	-0353.7	1323	9.5	60343.7	-0329.6	1413	7.2	61547.1	-0312.5
1144	9.5	52816.4	-0329.5	1234	9.7	54802.3	-0354.7	1324	9.1	60345.6	-0323.7	1414	7.8	61552.6	-0326.7
1145	9.4	52820.2	-0339.0	1235	9.4	54806.7	-0348.5	1325	9.2	60350.0	-0329.4	1415	9.5	61614.8	-0333.5
1146	7.0	52821.7	-0321.0	1236	9.5	54837.6	-0309.6	1326	9.9	60350.2	-0332.9	1416	9.5	61623.3	-0334.9
1147	9.4	52824.9	-0340.5	1237	9.5	54846.8	-0341.4	1327	9.5	60352.8	-0349.1	1417	9.1	61630.1	-0351.7
1148	8.8	52825.1	-0325.5	1238	8.5	54854.8	-0349.9	1328	9.0	60353.8	-0343.2	1418	9.5	61650.9	-0318.2
1149	9.1	52829.5	-0309.2	1239	9.5	54931.7	-0321.7	1329	9.4	60402.2	-0330.1	1419	9.4	61658.4	-0327.6
1150	9.9	52837.4	-0300.3	1240	9.5	54932.7	-0314.1	1330	8.9	60403.9	-0323.4	1420	8.5	61715.7	-0327.0
1151	9.5	52919.7	-0349.8	1241	8.5	54936.6	-0305.7	1331	9.2	60408.0	-0320.3	1421	9.8	61718.6	-0304.3
1152	10.	52923.3	-0318.4	1242	9.6	54944.8	-0350.4	1332	9.5	60414.5	-0305.6	1422	9.1	61727.2	-0354.7
1153	9.0	52927.4	-0324.2	1243	9.2	54945.6	-0347.3	1333	9.0	60424.1	-0328.7	1423	9.5	61740.6	-0353.5
1154	9.3	52928.6	-0336.0	1244	10.	55003.9	-0356.7	1334	9.4	60432.2	-0333.1	1424	9.5	61747.7	-0355.1
1155	9.5	52937.9	-0304.6	1245	9.5	55024.7	-0335.6	1335	9.5	60447.0	-0354.6	1425	7.2	61834.1	-0348.5
1156	9.7	52958.5	-0332.3	1246	9.2	55100.9	-0356.2	1336	9.0	60449.1	-0336.5	1426	9.1	61838.6	-0316.8
1157	9.5	53000.3	-0336.8	1247	9.0	55108.6	-0324.2	1337	9.0	60453.9	-0343.8	1427	9.1	61844.0	-0350.1
1158	9.3	53001.8	-0356.1	1248	9.5	55110.5	-0311.9	1338	8.5	60456.6	-0320.3	1428	9.4	61844.3	-0311.5
1159	9.5	53023.7	-0344.9	1249	10.	55118.8	-0351.3	1339	8.3	60513.9	-0336.4	1429	9.2	61844.8	-0310.8
1160	9.5	53100.3	-0327.2	1250	9.3	55137.5	-0312.8	1340	9.0	60522.0	-0340.9	1430	7.4	61856.4	-0326.7
1161	9.4	53101.3	-0325.6	1251	9.3	55153.7	-0332.2	1341	9.2	60523.1	-0342.2	1431	9.2	61903.8	-0304.7
1162	9.0	53104.7	-0339.0	1252	9.5	55212.8	-0341.0	1342	9.5	60547.6	-0314.9	1432	9.0	61906.9	-0330.4
1163	10.	53114.2	-0308.7	1253	9.2	55213.9	-0359.3	1343	9.5	60556.8	-0328.4	1433	9.4	61910.0	-0305.6
1164	10.	53147.8	-0353.3	1254	9.5	55221.1	-0327.8	1344	9.1	60613.8	-0334.5	1434	9.8	61919.9	-0317.5
1165	9.2	53153.2	-0302.5	1255	9.8	55247.8	-0309.5	1345	6.5	60642.0	-0342.3	1435	9.1	61926.9	-0321.8
1166	6.5	53217.7	-0339.1	1256	5.7	55249.5	-0304.8	1346	9.0	60647.7	-0357.2	1436	9.5	61939.4	-0325.5
1167	8.0	53241.0	-0325.5	1257	9.4	55251.2	-0329.0	1347	9.7	60651.6	-0351.8	1437	10.	61955.2	-0312.9
1168	7.8	53306.5	-0331.1	1258	10.	55306.5	-0339.2	1348	9.7	60652.0	-0327.7	1438	9.0	62022.0	-0347.5
1169	9.2	53343.8	-0359.9	1259	10.	55308.5	-0341.4	1349	9.0	60656.2	-0354.1	1439	9.0	62026.7	-0328.0
1170	8.0	53344.8	-0355.1	1260	8.3	55333.9	-0354.3	1350	9.8	60720.9	-0323.1	1440	9.3	62026.8	-0309.1
1171	8.5	53354.7	-0342.5	1261	9.0	55344.1	-0325.7	1351	9.5	60726.7	-0351.2	1441	9.4	62029.3	-0303.3
1172	9.0	53416.4	-0303.6	1262	10.	55357.7	-0333.8	1352	9.6	60727.6	-0305.9	1442	9.5	62039.9	-0313.3
1173	8.0	53422.7	-0348.4	1263	9.5	55406.9	-0352.5	1353	9.5	60732.7	-0355.4	1443	9.5	62043.3	-0332.5
1174	9.0	53436.0	-0334.5	1264	9.0	55430.9	-0355.2	1354	8.3	60747.0	-0326.0	1444	8.8	62052.0	-0302.6
1175	9.5	53500.8	-0352.8	1265	8.0	55437.8	-0340.9	1355	9.0	60800.1	-0327.4	1445	9.1	62052.8	-0359.0
1176	10.	53503.7	-0319.1	1266	9.2	55449.3	-0307.7	1356	9.2	60810.8	-0313.6	1446	9.7	62054.7	-0332.8
1177	8.8	53506.6	-0324.2	1267	9.0	55454.8	-0338.7	1357	9.8	60818.2	-0307.5	1447	9.0	62108.4	-0322.1
1178	9.0	53537.7	-0317.2	1268	9.3	55520.9	-0354.8	1358	9.2	60827.9	-0331.2	1448	9.5	62111.1	-0337.3
1179	9.5	53604.7	-0342.8	1269	9.5	55548.5	-0318.4	1359	9.3	60840.0	-0340.9	1449	9.0	62119.1	-0307.5
1180	9.2	53611.7	-0338.8	1270	9.5	55554.1	-0319.3	1360	9.5	60843.4	-0323.2	1450	8.5	62126.2	-0341.9
1181	8.7	53639.6	-0340.7	1271	9.0	55559.7	-0329.6	1361	8.7	60847.7	-0355.3	1451	9.4	62131.0	-0344.0
1182	9.1	53645.4	-0353.2	1272	9.5	55613.4	-0343.6	1362	8.7	60858.1	-0320.1	1452	9.6	62137.5	-0321.9
1183	9.5	53720.4	-0329.0	1273	9.2	55633.2	-0306.9	1363	9.0	60900.7	-0357.2	1453	8.8	62159.4	-0304.0
1184	9.7	53740.9	-0358.8	1274	10.	55642.1	-0326.0	1364	9.5	60900.7	-0308.1	1454	9.1	62200.9	-0337.1
1185	9.6	53758.8	-0309.4	1275	9.5	55647.5	-0312.3	1365	9.5	60908.0	-0324.7	1455	9.4	62212.6	-0334.2
1186	9.5	53807.3	-0310.2	1276	9.1	55650.1	-0350.1	1366	9.4	60920.4	-0342.5	1456	7.9	62222.7	-0327.8
1187	9.8	53823.7	-0340.0	1277	9.8	55700.8	-0340.7	1367	9.8	60927.2	-0312.4	1457	9.6	62234.1	-0716.0
1188	9.8	53845.4	-0317.6	1278	9.0	55701.2	-0326.7	1368	8.7	60927.6	-0313.4	1458	9.8	62242.4	-0301.5
1189	9.7	53853.9	-0322.0	1279	9.5	55701.6	-0343.6	1369	8.7	60929.5	-0324.6	1459	8.9	62249.9	-0308.1
1190	9.6	53903.4	-0332.7	1280	10.	55706.6	-0321.2	1370	8.7	60930.2	-0310.0	1460	9.2	62251.4	-0311.6
1191	9.3	53925.7	-0332.7	1281	9.0	55714.4	-0303.8	1371	9.5	60947.2	-0305.2	1461	9.5	62254.8	-0351.0
1192	9.0	53931.7	-0318.9	1282	9.5	55714.4	-0344.2	1372	9.8	61006.6	-0354.0	1462	8.8	62258.3	-0340.8
1193	9.5	53931.8	-0352.5	1283	9.0	55718.5	-0311.8	1373	9.1	61010.6	-0300.1	1463	9.1	62305.0	-0308.2
1194	9.1	53933.7	-0319.3	1284	9.8	55728.6	-0358.7	1374	9.1	61015.7	-0303.8	1464	9.2	62306.7	-0352.5
1195	9.5	53947.8	-0356.5	1285	9.6	55736.0	-0351.8	1375	9.5	61016.1	-0331.2	1465	9.1	62309.5	-0344.2
1196	9.1	53952.2	-0324.3	1286	9.5	55741.5	-0322.1	1376	9.4	61021.0	-0348.2	1466	9.5	62311.9	-0330.0
1197	9.5	54015.6	-0336.0	1287	9.7	55753.4	-0344.0	1377	10.	61046.3	-0313.8	1467	9.6	62313.1	-0310.0
1198	9.7	54033.4	-0309.5	1288	9.2	55755.0	-0354.4	1378	9.8	61100.4	-0319.3	1468	9.5	62321.9	-0345.2
1199	9.5	54038.2	-0329.0	1289	9.8	55814.4	-0347.5	1379	9.1	61101.0	-0333.2	1469	7.9	62334.1	-0336.9
1200	9.4	54053.2	-0315.2	1290	9.5	55815.5	-0315.1	1380	9.8	61101.7	-0329.9	1470	9.8	62344.6	-0341.5
1201	9.0	54056.7	-0314.3	1291	9.8	55815.9	-0347.5	1381	9.3	61102.6	-0349.3	1471	9.8	62349.3	-0300.3
1202	9.4	54100.7	-0338.6	1292	9.5	55847.7	-0332.3	1382	9.3	61110.7	-0356.3	1472	9.8	62352.1	-0321.5
1203	9.5	54125.7	-0328.1	1293	9.5	55856.6	-0321.9	1383	9.5	61117.2	-0325.6	1473	9.0	62358.8	-0337.3
1204	9.0	54145.7	-0321.4	1294	9.5	55915.8	-0344.3	1384	8.6	61127.8	-0340.1	1474	10.	62423.3	-0359.7
1205	9.5	54216.8	-0327.7	1295	9.5	55931.5	-0314.8	1385	9.2	61149.7	-0310.6	1475	8.9	62443.4	-0305.0
1206	9.5	54255.2	-0327.6	1296	9.0	55931.9	-0355.6	1386	8.5	61153.4	-0322.9	1476	9.8	62510.9	-0352.5
1207	9.5	54307.9	-0333.2	1297	7.0	55941.6	-0319.2	1387	8.0	61153.7	-0341.4	1477	9.0	62516.6	-0327.0
1208	8.7	54318.4	-0312.5	1298	9.5	55942.9	-0354.2	1388	9.1	61158.5	-0345.5	1478	10.	62519.1	-0303.6
1209	9.5	54333.8	-0355.5	1299	10.	60004.6	-0335.9	1389	9.5	61209.2	-0304.9	1479	8.7	62522.4	-0340.6
1210	9.2	54350.2	-0327.1	1300	9.5	60009.5	-0312.9	1390	9.8	61242.3	-0347.8	1480	8.1	62545.8	-0342.9
1211	9.5	54355.7	-0351.5	1301	9.0	60009.9	-0358.7	1391	9.1	61315.8	-0314.1	1481	9.5	62606.1	-0313.3
1212	9.5	54412.7	-0313.9	1302	8.3	60021.2	-0335.0	1392	9.7	61318.0	-0329.8	1482	9.5	62606.7	-0300.2
1213	9.5	54413.2	-0311.7	1303	9.5	60042.8	-0343.0	1393	9.5	61328.4	-0315.1	1483	9.4	62619.6	-0301.3
1214	8.8	54419.2	-0330.1	1304	9.0	60058.4	-0301.8	1394	9.2	61343.7	-0316.4	1484	9.3	62629.9	-0352.7
1215	9.5	54421.7	-0315.3	1305	9.0	60058.9	-0355.9	1395	9.1	61345.1	-0342.0	1485	9.5	62643.4	-0358.5
1216	9.0	54437.7	-0340.8	1306	9.7	60153.5	-0306.6	1396	9.0	61346.5	-0356.5	1486	9.8	62704.8	-0307.0
1217	9.5	54449.8	-0328.1	1307	9.3	60202.7	-0334.4	1397	8.0	61347.3	-0326.5	1487	8.5	62705.6	-0318.9
1218	9.5	54449.8	-0358.3	1308	8.0	60206.8	-0346.5	1398	9.7	61348.5	-0339.5	1488	9.8	62709.8	-0303.7
1219	9.5	54522.0	-0301.7	1309	9.3	60211.4	-0300.8	1399	9.4	61350.1	-0342.0	1489	9.0	62711.4	-0329.3

1490	9.8	62724.4	-0353.1	1580	9.9	63837.6	-0318.2	1670	9.5	65129.6	-0338.5	1760	9.4	70112.0	-0334.4
1491	9.8	62726.3	-0335.9	1581	8.8	63846.1	-0339.2	1671	9.4	65136.9	-0317.9	1761	9.8	70121.9	-0311.7
1492	9.1	62729.4	-0346.0	1582	9.5	63852.3	-0358.7	1672	8.0	65144.2	-0349.2	1762	8.6	70135.7	-0350.1
1493	9.8	62736.4	-0352.4	1583	9.3	63855.0	-0305.9	1673	9.4	65147.4	-0317.6	1763	9.7	70137.7	-0319.8
1494	9.2	62745.9	-0300.7	1584	9.2	63911.9	-0304.2	1674	9.1	65154.0	-0302.5	1764	9.7	70148.9	-0319.1
1495	9.7	62749.0	-0323.1	1585	9.5	63925.2	-0348.2	1675	9.5	65202.1	-0336.1	1765	9.8	70151.6	-0335.6
1496	9.7	62752.3	-0331.3	1586	9.9	63929.2	-0351.3	1676	9.7	65206.1	-0327.6	1766	8.8	70159.5	-0308.3
1497	9.5	62801.4	-0354.0	1587	9.3	63931.5	-0328.1	1677	9.3	65230.3	-0327.8	1767	9.8	70212.1	-0337.8
1498	9.8	62812.0	-0306.9	1588	9.3	63933.7	-0328.7	1678	9.6	65238.3	-0300.8	1768	9.5	70213.8	-0355.9
1499	8.5	62817.5	-0359.4	1589	9.6	63948.1	-0332.1	1679	9.5	65244.0	-0325.9	1769	9.5	70217.2	-0346.0
1500	9.8	62820.0	-0359.4	1590	9.5	63954.6	-0337.5	1680	9.0	65250.0	-0319.3	1770	8.9	70226.1	-0301.1
1501	8.2	62821.4	-0351.8	1591	9.1	64001.3	-0337.1	1681	9.5	65317.9	-0357.3	1771	10.	70247.7	-0348.1
1502	9.5	62833.8	-0333.4	1592	9.5	64001.7	-0330.6	1682	9.3	65329.5	-0330.2	1772	9.9	70302.9	-0334.1
1503	7.7	62837.9	-0304.4	1593	9.5	64014.3	-0357.3	1683	9.5	65333.7	-0346.0	1773	9.0	70311.7	-0351.9
1504	9.1	62840.3	-0347.6	1594	9.5	64014.6	-0301.9	1684	9.8	65336.2	-0342.0	1774	9.0	70313.3	-0355.0
1505	9.4	62842.6	-0312.4	1595	9.1	64017.5	-0310.8	1685	7.7	65346.4	-0303.3	1775	9.5	70314.0	-0313.7
1506	8.0	62845.5	-0351.9	1596	9.4	64033.1	-0304.4	1686	8.5	65352.6	-0346.0	1776	9.6	70316.3	-0355.0
1507	9.1	62901.1	-0331.9	1597	9.5	64059.5	-0306.3	1687	9.3	65401.1	-0341.0	1777	9.3	70326.2	-0348.6
1508	9.4	62906.9	-0342.7	1598	9.4	64104.2	-0301.3	1688	9.5	65405.2	-0315.1	1778	9.5	70339.7	-0346.3
1509	9.2	62919.8	-0348.6	1599	9.4	64105.5	-0305.4	1689	9.5	65409.4	-0313.4	1779	9.5	70340.9	-0300.2
1510	9.8	62921.1	-0329.1	1600	8.5	64115.6	-0320.3	1690	9.2	65413.8	-0359.4	1780	8.8	70344.1	-0338.7
1511	9.8	62926.1	-0322.5	1601	9.8	64122.6	-0337.2	1691	9.3	65418.8	-0300.2	1781	7.2	70349.1	-0340.0
1512	9.5	62934.4	-0351.9	1602	9.2	64123.7	-0304.4	1692	10.	65441.9	-0311.0	1782	9.8	70354.1	-0305.0
1513	8.6	62946.6	-0328.2	1603	7.8	64124.5	-0354.9	1693	9.0	65451.2	-0349.3	1783	9.4	70400.1	-0312.5
1514	9.5	62956.5	-0307.1	1604	9.8	64131.7	-0345.1	1694	7.0	65452.9	-0333.0	1784	9.1	70401.7	-0314.7
1515	9.5	63008.0	-0335.1	1605	8.7	64146.5	-0322.3	1695	9.1	65456.2	-0304.2	1785	9.4	70408.8	-0353.9
1516	9.5	63010.9	-0349.8	1606	9.0	64157.8	-0310.3	1696	9.5	65503.0	-0322.4	1786	9.3	70409.2	-0307.5
1517	9.0	63028.8	-0334.2	1607	9.2	64219.4	-0344.9	1697	9.8	65508.4	-0324.9	1787	9.8	70410.4	-0314.5
1518	9.9	63030.7	-0311.7	1608	9.9	64230.3	-0339.6	1698	8.7	65510.7	-0315.2	1788	9.2	70417.7	-0346.0
1519	9.1	63041.3	-0347.4	1609	10.	64231.0	-0304.0	1699	9.0	65510.8	-0307.5	1789	8.3	70433.8	-0354.1
1520	9.8	63055.2	-0352.3	1610	9.1	64232.7	-0327.4	1700	9.5	65511.6	-0341.2	1790	9.3	70434.3	-0322.0
1521	9.8	63105.6	-0313.9	1611	9.7	64233.1	-0305.1	1701	9.6	65514.8	-0329.6	1791	9.5	70500.6	-0304.0
1522	9.5	63112.0	-0256.5	1612	9.2	64246.2	-0342.2	1702	9.6	65528.9	-0336.9	1792	9.3	70503.3	-0325.4
1523	9.8	63113.8	-0307.6	1613	9.5	64255.8	-0354.4	1703	9.4	65600.4	-0308.3	1793	9.5	70505.4	-0357.8
1524	9.2	63130.0	-0353.1	1614	9.8	64302.8	-0303.5	1704	9.0	65605.3	-0348.8	1794	9.3	70509.6	-0359.1
1525	9.5	63136.6	-0304.2	1615	9.2	64308.0	-0337.2	1705	9.5	65611.2	-0355.1	1795	9.5	70527.7	-0301.2
1526	10.	63144.0	-0306.5	1616	10.	64332.0	-0305.5	1706	9.5	65612.7	-0339.4	1796	9.8	70535.4	-0312.6
1527	9.6	63144.6	-0310.8	1617	8.8	64344.7	-0342.7	1707	10.	65632.8	-0322.0	1797	9.5	70539.6	-0302.3
1528	9.1	63152.4	-0340.2	1618	9.8	64351.7	-0330.4	1708	10.	65633.6	-0348.6	1798	9.5	70548.9	-0336.2
1529	9.0	63154.5	-0309.3	1619	9.4	64402.3	-0331.9	1709	9.2	65637.7	-0347.8	1799	9.2	70553.1	-0304.2
1530	9.3	63157.1	-0310.8	1620	8.0	64404.5	-0320.4	1710	9.5	65643.7	-0351.5	1800	9.0	70632.7	-0342.6
1531	9.7	63204.0	-0329.4	1621	9.0	64408.0	-0356.5	1711	9.4	65645.1	-0307.0	1801	8.6	70635.7	-0316.4
1532	9.8	63223.3	-0243.5	1622	9.4	64409.3	-0354.5	1712	9.1	65649.1	-0305.1	1802	10.	70637.1	-0327.2
1533	9.2	63234.9	-0350.4	1623	9.5	64410.0	-0322.6	1713	9.0	65658.0	-0302.6	1803	8.0	70642.8	-0328.8
1534	9.5	63236.4	-0319.8	1624	9.2	64429.4	-0309.1	1714	9.5	65711.7	-0349.5	1804	6.5	70657.9	-0339.7
1535	9.8	63236.7	-0317.7	1625	9.5	64431.3	-0328.8	1715	9.5	65714.3	-0355.7	1805	9.7	70659.8	-0326.9
1536	9.0	63244.1	-0314.2	1626	9.8	64439.3	-0353.4	1716	9.5	65714.5	-0337.2	1806	9.7	70701.8	-0303.8
1537	8.2	63308.1	-0314.5	1627	10.	64451.4	-0358.1	1717	9.2	65730.2	-0351.4	1807	9.5	70704.9	-0346.8
1538	9.1	63309.2	-0324.3	1628	10.	64500.1	-0330.4	1718	9.6	65733.8	-0328.8	1808	9.8	70707.9	-0348.4
1539	10.	63311.6	-0329.3	1629	9.2	64523.7	-0301.0	1719	9.3	65734.6	-0340.5	1809	9.5	70723.0	-0326.2
1540	9.2	63313.9	-0342.5	1630	8.8	64530.5	-0330.6	1720	9.3	65743.1	-0342.9	1810	9.5	70726.6	-0341.7
1541	9.5	63315.0	-0355.1	1631	9.7	64530.5	-0302.5	1721	10.	65801.2	-0355.0	1811	9.8	70728.9	-0300.9
1542	8.7	63316.9	-0323.4	1632	9.7	64536.2	-0347.1	1722	9.5	65805.1	-0307.0	1812	9.5	70733.0	-0323.0
1543	9.5	63317.2	-0300.9	1633	9.5	64546.1	-0334.5	1723	9.4	65808.2	-0347.4	1813	9.5	70752.4	-0325.6
1544	9.0	63325.5	-0256.0	1634	9.7	64557.2	-0335.5	1724	9.7	65813.5	-0307.1	1814	9.4	70757.4	-0301.6
1545	9.3	63327.9	-0356.0	1635	9.7	64603.3	-0304.4	1725	9.4	65814.4	-0344.0	1815	9.3	70758.6	-0305.6
1546	9.1	63329.4	-0347.3	1636	9.5	64630.8	-0307.5	1726	9.4	65826.4	-0342.2	1816	9.8	70802.2	-0349.0
1547	9.8	63339.6	-0320.8	1637	9.5	64637.9	-0359.7	1727	9.1	65850.7	-0350.6	1817	9.3	70823.8	-0326.2
1548	9.8	63341.6	-0321.7	1638	9.0	64659.0	-0322.9	1728	9.4	65856.4	-0354.8	1818	8.5	70826.9	-0307.6
1549	9.5	63343.8	-0332.4	1639	9.8	64710.6	-0308.6	1729	9.5	65857.3	-0355.7	1819	9.5	70840.4	-0359.8
1550	9.6	63349.1	-0333.1	1640	10.	64714.0	-0355.9	1730	10.	65902.1	-0323.7	1820	9.1	70841.3	-0340.4
1551	9.2	63413.0	-0329.7	1641	8.2	64720.3	-0355.4	1731	9.8	65903.5	-0336.1	1821	9.1	70855.8	-0325.1
1552	9.4	63414.8	-0354.4	1642	9.0	64743.4	-0309.5	1732	8.3	65913.8	-0303.1	1822	9.8	70911.5	-0331.0
1553	8.2	63418.8	-0350.9	1643	9.1	64746.3	-0331.4	1733	9.0	65920.9	-0341.3	1823	9.5	70916.2	-0344.5
1554	9.4	63419.4	-0300.3	1644	9.4	64747.0	-0348.7	1734	9.8	65922.2	-0300.4	1824	8.2	70938.6	-0327.2
1555	8.2	63502.5	-0350.4	1645	9.8	64804.3	-0326.3	1735	8.8	65924.3	-0326.0	1825	10.	71003.2	-0332.6
1556	9.0	63508.1	-0319.5	1646	9.8	64805.1	-0328.7	1736	10.	65927.4	-0303.8	1826	8.7	71004.6	-0337.5
1557	8.5	63515.0	-0310.2	1647	9.8	64833.2	-0345.1	1737	9.8	65950.1	-0305.2	1827	9.4	71008.9	-0336.4
1558	9.7	63515.9	-0355.6	1648	9.2	64836.7	-0352.0	1738	9.8	65950.6	-0315.6	1828	8.8	71013.8	-0301.3
1559	9.7	63523.9	-0327.2	1649	9.5	64839.4	-0315.7	1739	9.8	65952.9	-0324.4	1829	9.0	71019.2	-0329.9
1560	7.7	63525.4	-0341.7	1650	8.6	64846.9	-0301.1	1740	9.8	65953.8	-0335.7	1830	9.8	71021.1	-0335.3
1561	9.5	63529.9	-0300.9	1651	8.7	64905.9	-0337.4	1741	9.5	65957.8	-0354.8	1831	7.9	71021.8	-0329.6
1562	9.0	63534.1	-0341.6	1652	9.4	64910.4	-0326.9	1742	9.0	65958.4	-0300.1	1832	9.4	71024.7	-0338.7
1563	9.5	63554.5	-0307.0	1653	8.5	64921.2	-0336.2	1743	9.5	70004.8	-0357.5	1833	9.5	71030.2	-0351.2
1564	9.2	63608.7	-0344.7	1654	9.5	64929.8	-0357.7	1744	9.5	70005.2	-0350.9	1834	9.5	71033.8	-0312.4
1565	9.4	63618.1	-0315.6	1655	8.5	64932.2	-0328.0	1745	9.5	70011.9	-0303.8	1835	9.4	71050.8	-0331.0
1566	9.8	63621.1	-0334.0	1656	9.4	64937.0	-0316.6	1746	9.8	70019.8	-0352.6	1836	9.0	71055.9	-0337.0
1567	10.	63641.9	-0341.2	1657	7.6	64938.2	-0330.5	1747	10.	70023.1	-0331.0	1837	9.3	71102.1	-0300.9
1568	9.6	63658.6	-0354.3	1658	9.2	64944.5	-0317.5	1748	9.7	70028.2	-0329.6	1838	8.8	71106.5	-0321.2
1569	10.	63702.8	-0305.2	1659	9.5	64946.6	-0339.4	1749	9.1	70030.8	-0354.2	1839	9.4	71112.1	-0357.9
1570	9.9	63706.2	-0351.9	1660	9.5	64952.1	-0338.2	1750	8.3	70033.0	-0309.4	1840	9.4	71121.4	-0301.0
1571	9.8	63711.1	-0323.2	1661	9.8	64956.9	-0307.1	1751	8.7	70043.9	-0357.4	1841	9.5	71138.9	-0332.4
1572	9.5	63718.8	-0357.1	1662	9.9	64958.5	-0308.5	1752	9.7	70047.4	-0325.1	1842	9.5	71151.9	-0358.4
1573	9.7	63747.5	-0348.3	1663	10.	65015.6	-0316.8	1753	9.4	70047.9	-0311.1	1843	9.5	71153.3	-0348.8
1574	9.6	63756.6	-0348.1	1664	8.7	65016.5	-0330.6	1754	9.7	70048.9	-0326.4	1844	9.2	71154.5	-0305.1
1575	9.5	63758.7	-0305.0	1665	9.9	65019.2	-0316.4	1755	9.1	70053.7	-0320.6	1845	9.8	71200.0	-0309.1
1576	8.9	63803.7	-0348.3	1666	9.7	65020.0	-0325.6	1756	9.8	70056.2	-0306.9	1846	9.1	71202.7	-0343.9
1577	9.5	63817.6	-0332.0	1667	9.5	65029.6	-0300.6	1757	8.7	70057.4	-0303.9	1847	8.3	71223.0	-0321.0
1578	9.8	63822.7	-0326.1	1668	9.4	65039.0	-0334.5	1758	9.7	70058.6	-0335.7	1848	9.8	71225.3	-0309.8
1579	9.8	63832.5	-0310.9	1669	9.5	65121.8	-0355.5	1759	9.7	70059.5	-0330.5	1849	9.5	71248.9	-0352.2

-03 1850 7h12m -03 2209 7h59m

1850	7.0	71253.9	-0339.3	1940	9.8	72540.8	-0331.9	2030	9.4	73607.2	-0340.4	2120	8.6	74803.6	-0337.7
1851	9.5	71310.1	-0322.2	1941	9.8	72543.2	-0328.1	2031	9.4	73622.1	-0336.9	2121	9.7	74822.0	-0302.3
1852	10.	71339.1	-0336.2	1942	9.5	72551.6	-0352.1	2032	9.5	73624.3	-0313.6	2122	9.1	74825.7	-0305.1
1853	8.8	71353.9	-0332.6	1943	9.1	72551.7	-0316.4	2033	9.8	73635.9	-0345.7	2123	9.5	74852.0	-0320.0
1854	8.5	71354.5	-0305.8	1944	9.4	72558.4	-0343.2	2034	9.8	73653.1	-0330.8	2124	8.7	74855.3	-0303.1
1855	9.4	71359.9	-0356.0	1945	9.8	72559.5	-0342.8	2035	10.	73700.2	-0316.4	2125	9.5	74915.3	-0335.0
1856	8.8	71400.8	-0310.8	1946	9.5	72602.5	-0322.8	2036	9.4	73705.0	-0314.0	2126	9.5	74916.4	-0338.1
1857	9.8	71402.9	-0356.5	1947	10.	72604.9	-0346.6	2037	9.4	73705.1	-0344.0	2127	9.4	74924.2	-0318.3
1858	8.0	71407.9	-0301.4	1948	9.8	72607.5	-0332.4	2038	9.5	73708.7	-0313.8	2128	9.8	74928.9	-0306.7
1859	9.5	71424.7	-0342.6	1949	9.8	72614.6	-0350.2	2039	9.2	73728.4	-0328.9	2129	7.5	74938.5	-0304.1
1860	9.8	71436.9	-0335.1	1950	9.8	72618.9	-0309.4	2040	9.5	73729.5	-0321.3	2130	9.3	74939.7	-0329.3
1861	10.	71440.7	-0341.7	1951	9.1	72626.0	-0316.1	2041	9.4	73730.5	-0317.2	2131	9.9	74941.4	-0308.8
1862	9.7	71441.5	-0305.1	1952	9.8	72638.3	-0340.9	2042	9.1	73738.6	-0344.8	2132	9.0	74946.4	-0317.7
1863	9.6	71443.3	-0312.5	1953	9.2	72648.0	-0325.4	2043	9.2	73749.0	-0317.8	2133	9.2	74954.1	-0356.5
1864	9.3	71448.4	-0320.0	1954	9.0	72648.1	-0326.5	2044	8.7	73753.0	-0319.0	2134	9.2	74956.6	-0311.3
1865	8.8	71453.7	-0345.4	1955	9.6	72701.6	-0351.8	2045	9.9	73824.4	-0313.9	2135	9.5	75002.5	-0322.0
1866	9.3	71510.6	-0310.9	1956	9.4	72701.9	-0350.3	2046	10.	73832.9	-0348.5	2136	9.7	75002.6	-0325.1
1867	9.8	71512.8	-0325.9	1957	9.4	72703.7	-0301.1	2047	9.6	73834.0	-0349.8	2137	9.7	75003.3	-0327.4
1868	10.	71514.6	-0355.5	1958	9.5	72721.9	-0323.7	2048	9.5	73835.2	-0356.4	2138	9.5	75028.8	-0352.3
1869	9.5	71524.7	-0345.0	1959	8.4	72730.0	-0319.3	2049	9.1	73835.3	-0345.7	2139	9.7	75039.2	-0331.5
1870	9.3	71539.8	-0324.2	1960	9.8	72746.9	-0339.3	2050	9.8	73847.4	-0347.0	2140	9.5	75054.3	-0301.1
1871	8.0	71545.7	-0337.1	1961	10.	72755.9	-0315.4	2051	9.5	73848.5	-0349.7	2141	9.5	75058.8	-0343.2
1872	10.	71551.9	-0359.7	1962	9.7	72806.7	-0340.0	2052	9.7	73852.7	-0307.3	2142	9.4	75103.4	-0307.6
1873	9.2	71554.4	-0356.8	1963	9.1	72813.1	-0334.2	2053	8.0	73856.6	-0336.7	2143	9.1	75106.0	-0324.9
1874	9.6	71603.8	-0305.3	1964	9.5	72819.4	-0326.4	2054	9.3	73900.2	-0356.5	2144	9.5	75108.8	-0343.3
1875	9.0	71605.7	-0344.6	1965	9.5	72829.1	-0355.6	2055	9.1	73903.3	-0343.5	2145	9.8	75111.4	-0327.0
1876	9.4	71612.9	-0300.2	1966	8.7	72832.1	-0352.7	2056	9.3	73903.5	-0325.7	2146	8.0	75114.2	-0314.7
1877	9.3	71625.3	-0348.4	1967	9.1	72843.1	-0315.4	2057	9.3	73915.2	-0326.4	2147	8.0	75120.1	-0328.3
1878	7.5	71648.4	-0342.3	1968	8.2	72843.1	-0302.7	2058	9.1	73916.7	-0340.8	2148	9.4	75136.4	-0333.6
1879	9.3	71650.7	-0316.1	1969	9.6	72903.4	-0318.3	2059	9.0	73922.8	-0310.5	2149	9.8	75136.6	-0307.0
1880	9.8	71651.9	-0353.2	1970	9.2	72907.3	-0317.5	2060	8.5	73929.9	-0320.0	2150	9.3	75137.2	-0354.3
1881	9.7	71705.7	-0322.1	1971	9.0	72911.1	-0300.4	2061	8.2	73930.8	-0332.0	2151	7.0	75150.4	-0356.2
1882	9.7	71705.9	-0332.7	1972	8.7	72915.9	-0337.2	2062	8.7	73941.7	-0319.5	2152	9.4	75202.2	-0301.1
1883	9.4	71717.2	-0343.6	1973	9.2	72918.2	-0315.2	2063	8.9	74001.6	-0352.7	2153	9.5	75202.6	-0308.1
1884	9.7	71720.8	-0303.0	1974	9.0	72927.8	-0351.1	2064	9.5	74022.2	-0312.2	2154	9.3	75217.0	-0325.9
1885	9.5	71725.6	-0332.7	1975	9.3	72939.3	-0347.5	2065	8.0	74033.1	-0310.5	2155	9.4	75222.5	-0344.3
1886	8.7	71740.4	-0357.1	1976	9.7	72946.7	-0307.6	2066	9.5	74043.9	-0301.4	2156	9.7	75225.9	-0329.7
1887	9.5	71802.5	-0323.7	1977	8.8	72957.1	-0334.6	2067	9.3	74046.0	-0349.8	2157	4.9	75228.4	-0316.8
1888	9.5	71803.4	-0342.4	1978	9.8	73003.3	-0345.4	2068	9.0	74050.3	-0335.7	2158	9.5	75234.3	-0304.7
1889	9.5	71806.9	-0314.3	1979	5.3	73004.8	-0347.3	2069	9.4	74055.5	-0358.7	2159	9.7	75234.4	-0314.0
1890	9.1	71814.9	-0333.9	1980	9.5	73007.8	-0322.3	2070	9.5	74101.1	-0353.1	2160	9.5	75252.3	-0329.6
1891	9.5	71825.3	-0353.2	1981	9.6	73008.6	-0351.8	2071	9.5	74109.0	-0352.9	2161	9.8	75256.6	-0319.2
1892	9.0	71836.7	-0344.3	1982	9.8	73014.0	-0328.2	2072	10.	74111.9	-0316.5	2162	9.0	75305.7	-0304.3
1893	9.5	71843.2	-0342.0	1983	9.1	73026.9	-0314.4	2073	9.5	74113.4	-0343.3	2163	8.8	75307.1	-0334.3
1894	9.6	71859.0	-0351.1	1984	10.	73027.0	-0348.6	2074	8.9	74119.5	-0326.5	2164	9.1	75308.3	-0317.8
1895	9.5	71916.9	-0305.4	1985	10.	73028.3	-0313.6	2075	9.1	74121.3	-0303.8	2165	9.6	75309.8	-0307.4
1896	9.1	71923.6	-0338.6	1986	9.2	73029.9	-0328.1	2076	9.8	74126.9	-0349.8	2166	9.3	75313.5	-0346.1
1897	9.5	71935.3	-0317.8	1987	8.2	73041.3	-0308.5	2077	9.3	74128.0	-0359.6	2167	10.	75327.9	-0340.4
1898	9.7	71938.9	-0300.8	1988	9.8	73055.5	-0311.8	2078	9.3	74135.3	-0313.7	2168	9.6	75331.0	-0332.4
1899	9.1	71940.8	-0306.6	1989	10.	73056.7	-0341.4	2079	9.6	74152.8	-0342.7	2169	9.2	75336.9	-0352.9
1900	9.5	71944.3	-0304.6	1990	9.4	73058.2	-0326.2	2080	9.8	74152.9	-0334.7	2170	9.5	75338.4	-0301.3
1901	9.5	71954.1	-0340.0	1991	9.4	73114.5	-0353.0	2081	9.4	74223.0	-0359.8	2171	8.0	75357.9	-0307.3
1902	9.5	72005.6	-0328.6	1992	9.5	73137.6	-0324.8	2082	9.0	74231.0	-0303.4	2172	9.5	75407.5	-0326.9
1903	9.5	72018.0	-0322.1	1993	9.5	73147.1	-0348.1	2083	9.4	74256.8	-0330.0	2173	9.3	75410.9	-0300.4
1904	9.5	72019.7	-0300.4	1994	9.3	73156.6	-0325.7	2084	9.8	74304.9	-0321.5	2174	9.4	75422.4	-0315.7
1905	9.9	72032.1	-0355.5	1995	9.3	73200.1	-0343.3	2085	10.	74306.6	-0336.8	2175	9.4	75427.0	-0323.0
1906	9.4	72047.4	-0342.5	1996	9.8	73219.7	-0357.0	2086	9.7	74316.0	-0327.9	2176	8.3	75436.5	-0308.8
1907	9.1	72048.9	-0322.8	1997	9.5	73225.6	-0336.8	2087	7.3	74316.2	-0313.9	2177	10.	75453.9	-0352.9
1908	9.4	72104.9	-0307.9	1998	9.8	73226.9	-0318.0	2088	9.8	74316.5	-0349.3	2178	9.1	75455.8	-0337.9
1909	9.6	72114.0	-0334.6	1999	9.3	73237.4	-0331.7	2089	9.4	74326.6	-0359.0	2179	9.3	75459.7	-0334.6
1910	9.5	72124.6	-0309.0	2000	9.2	73241.9	-0350.6	2090	9.5	74328.0	-0321.3	2180	8.5	75519.3	-0355.2
1911	9.7	72128.1	-0326.1	2001	7.7	73244.3	-0315.4	2091	9.1	74328.4	-0326.3	2181	9.5	75525.7	-0351.6
1912	7.8	72142.0	-0332.7	2002	9.1	73247.6	-0315.7	2092	9.8	74332.8	-0344.6	2182	9.5	75529.9	-0300.3
1913	9.5	72142.4	-0314.8	2003	8.6	73250.3	-0319.2	2093	8.9	74334.2	-0312.3	2183	10.	75535.2	-0356.3
1914	9.3	72143.9	-0303.4	2004	10.	73307.6	-0343.7	2094	9.8	74343.2	-0339.2	2184	9.8	75543.1	-0329.5
1915	9.6	72155.1	-0305.0	2005	9.8	73310.2	-0358.4	2095	9.4	74347.1	-0336.8	2185	9.4	75548.6	-0359.0
1916	9.8	72156.4	-0311.9	2006	9.8	73310.5	-0320.5	2096	9.1	74348.0	-0320.1	2186	9.8	75552.9	-0317.1
1917	9.8	72201.8	-0336.0	2007	9.0	73315.4	-0322.2	2097	9.6	74423.3	-0305.4	2187	9.8	75553.7	-0334.5
1918	9.5	72239.0	-0350.7	2008	9.5	73317.6	-0317.7	2098	9.5	74442.0	-0343.6	2188	9.5	75555.1	-0329.7
1919	9.0	72240.4	-0340.9	2009	9.8	73327.1	-0339.9	2099	9.5	74443.9	-0329.6	2189	9.0	75602.6	-0350.5
1920	9.0	72247.6	-0327.6	2010	9.8	73344.1	-0329.4	2100	9.8	74456.0	-0319.6	2190	9.8	75610.7	-0308.6
1921	9.0	72304.6	-0359.5	2011	9.8	73353.5	-0323.1	2101	9.8	74456.0	-0325.8	2191	8.5	75618.1	-0304.0
1922	9.8	72311.5	-0303.2	2012	9.5	73355.6	-0327.8	2102	9.4	74501.5	-0323.2	2192	10.	75634.1	-0344.5
1923	9.6	72325.1	-0313.7	2013	9.5	73407.1	-0354.6	2103	9.8	74508.1	-0358.4	2193	9.8	75637.0	-0313.6
1924	9.5	72326.6	-0310.8	2014	9.6	73426.0	-0300.7	2104	9.7	74515.4	-0309.2	2194	9.1	75648.0	-0314.1
1925	9.3	72337.4	-0338.1	2015	9.5	73435.5	-0350.4	2105	9.8	74522.9	-0303.4	2195	9.0	75650.9	-0330.9
1926	9.5	72340.9	-0320.3	2016	9.1	73445.8	-0331.7	2106	8.7	74534.8	-0332.3	2196	8.7	75704.6	-0308.6
1927	9.5	72347.3	-0314.2	2017	9.0	73451.3	-0329.8	2107	8.9	74539.2	-0334.7	2197	9.2	75709.9	-0336.1
1928	9.1	72347.5	-0321.4	2018	9.0	73456.5	-0311.1	2108	9.4	74606.9	-0303.8	2198	9.0	75712.1	-0334.7
1929	9.5	72358.7	-0313.1	2019	8.5	73457.3	-0310.7	2109	9.8	74614.4	-0349.7	2199	8.7	75725.4	-0325.9
1930	9.8	72405.6	-0350.8	2020	8.9	73501.0	-0321.5	2110	9.0	74635.4	-0319.8	2200	9.6	75722.0	-0313.1
1931	9.4	72416.2	-0356.9	2021	9.8	73507.6	-0354.3	2111	8.3	74649.1	-0355.9	2201	9.0	75743.0	-0320.0
1932	9.5	72428.0	-0345.0	2022	10.	73514.9	-0356.7	2112	7.8	74657.7	-0309.9	2202	7.0	75743.3	-0305.2
1933	9.5	72430.0	-0328.8	2023	8.3	73520.7	-0341.2	2113	9.1	74717.1	-0332.1	2203	9.8	75758.8	-0327.9
1934	9.2	72431.7	-0318.1	2024	9.9	73534.2	-0330.0	2114	9.5	74721.5	-0330.8	2204	9.2	75809.8	-0326.0
1935	8.3	72446.4	-0342.2	2025	8.7	73540.0	-0354.8	2115	10.	74728.6	-0358.1	2205	9.7	75817.2	-0321.3
1936	9.8	72514.5	-0324.0	2026	9.4	73553.2	-0300.2	2116	9.1	74736.3	-0318.4	2206	8.9	75818.5	-0324.4
1937	10.	72527.8	-0303.8	2027	9.5	73554.6	-0326.0	2117	9.2	74740.0	-0351.6	2207	9.1	75846.1	-0348.1
1938	9.6	72528.8	-0306.0	2028	7.5	73601.4	-0347.9	2118	9.2	74750.3	-0346.0	2208	8.7	75917.2	-0305.6
1939	9.8	72530.4	-0336.4	2029	9.9	73603.9	-0322.8	2119	9.8	74758.6	-0311.6	2209	9.5	75927.3	-0356.4

-03 2210 7h59m

-03 2569 8h58m

2210	9.5	75938.2	-0353.7	2300	9.8	81201.6	-0321.8	2390	9.1	82625.1	-0310.0	2480	9.8	84144.6	-0342.5
2211	8.2	75949.2	-0335.8	2301	8.0	81226.8	-0341.2	2391	9.8	82625.7	-0306.5	2481	9.6	84231.1	-0313.9
2212	9.0	75949.8	-0326.9	2302	9.5	81234.5	-0355.2	2392	9.5	82636.0	-0316.6	2482	9.1	84233.6	-0314.4
2213	9.4	80007.4	-0343.1	2303	9.8	81236.0	-0328.5	2393	9.3	82645.0	-0328.7	2483	9.5	84235.4	-0333.0
2214	9.7	80015.9	-0308.6	2304	9.7	81236.9	-0303.8	2394	9.0	82647.3	-0312.1	2484	9.5	84235.8	-0310.4
2215	10.	80034.8	-0330.6	2305	9.8	81240.7	-0316.4	2395	10.	82653.9	-0300.6	2485	9.6	84307.2	-0350.3
2216	8.0	80045.2	-0318.2	2306	9.0	81241.0	-0319.4	2396	9.8	82657.9	-0356.0	2486	7.0	84308.7	-0339.5
2217	8.2	80045.8	-0357.2	2307	9.5	81251.8	-0342.8	2397	9.2	82716.3	-0325.7	2487	9.1	84317.1	-0321.8
2218	9.4	80110.8	-0329.4	2308	9.1	81252.6	-0325.5	2398	8.5	82733.2	-0339.5	2488	9.2	84335.7	-0350.1
2219	9.6	80120.2	-0352.5	2309	9.8	81330.4	-0316.3	2399	9.3	82743.9	-0314.2	2489	9.8	84351.4	-0337.1
2220	9.4	80140.6	-0330.3	2310	9.1	81337.3	-0341.2	2400	9.0	82753.9	-0333.5	2490	9.4	84357.6	-0325.1
2221	9.8	80144.7	-0334.5	2311	9.6	81338.7	-0328.9	2401	9.1	82754.0	-0317.6	2491	10.	84433.3	-0356.5
2222	9.6	80150.1	-0302.2	2312	9.3	81339.5	-0340.8	2402	9.3	82810.3	-0353.5	2492	9.5	84446.1	-0359.3
2223	10.	80155.7	-0315.3	2313	9.8	81346.9	-0333.7	2403	9.9	82906.3	-0316.5	2493	10.	84523.2	-0353.3
2224	9.5	80156.0	-0345.7	2314	8.4	81350.3	-0357.5	2404	9.3	82908.1	-0321.5	2494	9.4	84544.3	-0357.3
2225	9.2	80200.6	-0346.9	2315	9.0	81354.1	-0350.0	2405	9.2	82911.1	-0331.9	2495	9.5	84547.7	-0326.0
2226	9.7	80207.7	-0317.7	2316	9.8	81358.8	-0309.6	2406	8.5	82915.8	-0300.7	2496	8.5	84551.6	-0344.1
2227	9.4	80220.6	-0300.2	2317	9.0	81425.4	-0359.7	2407	9.8	82936.7	-0314.4	2497	8.7	84556.8	-0337.0
2228	8.0	80235.9	-0344.0	2318	9.0	81446.3	-0343.0	2408	8.3	82938.2	-0333.9	2498	9.5	84608.4	-0315.5
2229	8.8	80237.5	-0358.1	2319	9.5	81447.2	-0337.9	2409	8.9	82955.4	-0359.5	2499	9.4	84616.6	-0322.8
2230	9.5	80256.9	-0311.4	2320	9.5	81453.1	-0320.8	2410	9.0	82955.5	-0329.9	2500	9.0	84650.7	-0306.5
2231	9.6	80259.6	-0351.8	2321	9.2	81454.7	-0327.8	2411	9.7	82959.7	-0341.0	2501	10.	84702.8	-0357.6
2232	8.7	80303.3	-0311.4	2322	9.5	81501.5	-0300.4	2412	9.5	83028.3	-0313.1	2502	9.3	84720.1	-0346.1
2233	9.4	80305.8	-0307.6	2323	9.8	81517.8	-0359.7	2413	9.5	83033.8	-0351.7	2503	8.2	84737.6	-0325.7
2234	9.4	80313.1	-0306.9	2324	8.0	81542.5	-0346.9	2414	9.8	83047.6	-0329.5	2504	9.3	84738.5	-0341.2
2235	9.8	80322.2	-0303.2	2325	9.5	81543.0	-0307.9	2415	9.4	83057.3	-0309.9	2505	9.4	84739.9	-0350.2
2236	9.1	80348.2	-0322.0	2326	8.8	81544.8	-0327.5	2416	9.3	83058.4	-0358.7	2506	6.6	84741.2	-0300.4
2237	9.6	80348.6	-0307.4	2327	8.4	81616.2	-0357.7	2417	9.7	83106.4	-0358.5	2507	9.5	84743.3	-0354.2
2238	9.5	80352.0	-0301.9	2328	9.4	81632.3	-0359.8	2418	9.5	83126.9	-0324.4	2508	9.3	84745.7	-0306.6
2239	8.7	80359.4	-0359.7	2329	9.8	81634.8	-0302.6	2419	9.5	83129.7	-0342.2	2509	8.2	84749.5	-0321.8
2240	8.5	80359.8	-0338.8	2330	9.4	81634.9	-0331.2	2420	8.8	83135.6	-0324.8	2510	10.	84809.6	-0350.0
2241	10.	80403.8	-0345.7	2331	9.2	81656.7	-0338.0	2421	9.7	83137.4	-0311.5	2511	9.1	84814.7	-0331.3
2242	9.5	80404.8	-0355.3	2332	9.8	81716.8	-0308.8	2422	9.1	83144.7	-0305.1	2512	9.4	84823.1	-0324.5
2243	9.4	80421.7	-0324.0	2333	6.0	81720.7	-0317.1	2423	9.6	83154.5	-0349.8	2513	9.4	84838.0	-0339.4
2244	9.5	80422.8	-0307.3	2334	9.1	81721.0	-0327.1	2424	9.4	83158.7	-0305.4	2514	9.5	84957.9	-0318.0
2245	8.8	80423.7	-0322.2	2335	9.6	81743.1	-0343.2	2425	9.0	83202.9	-0311.0	2515	9.5	85001.0	-0341.0
2246	9.8	80426.7	-0353.2	2336	9.9	81745.5	-0342.4	2426	9.1	83207.9	-0359.7	2516	9.8	85008.8	-0313.4
2247	9.3	80438.4	-0300.2	2337	8.9	81800.6	-0321.7	2427	8.2	83211.1	-0331.1	2517	9.2	85034.7	-0330.6
2248	9.7	80440.7	-0304.3	2338	9.3	81811.4	-0324.9	2428	9.8	83221.3	-0311.0	2518	9.8	85039.2	-0337.1
2249	9.5	80447.7	-0321.6	2339	3.7	81825.0	-0326.3	2429	9.7	83236.2	-0350.0	2519	9.4	85046.5	-0322.3
2250	9.8	80504.7	-0302.8	2340	8.3	81831.5	-0301.0	2430	8.8	83259.0	-0317.7	2520	8.2	85047.5	-0301.2
2251	9.8	80505.5	-0337.0	2341	7.5	81833.9	-0342.5	2431	9.3	83309.7	-0347.5	2521	9.7	85111.9	-0358.3
2252	9.0	80506.9	-0330.9	2342	9.1	81847.1	-0329.9	2432	8.3	83319.2	-0328.5	2522	8.5	85114.6	-0344.5
2253	9.6	80514.3	-0302.0	2343	9.3	81849.8	-0310.7	2433	9.1	83323.0	-0339.1	2523	9.1	85139.3	-0359.4
2254	9.5	80531.5	-0348.6	2344	9.1	81908.8	-0336.0	2434	8.5	83332.1	-0342.6	2524	9.2	85139.4	-0316.2
2255	9.2	80541.6	-0349.1	2345	6.2	81911.5	-0330.8	2435	9.8	83339.2	-0330.1	2525	9.2	85150.9	-0326.9
2256	9.0	80549.9	-0344.0	2346	9.5	81918.7	-0353.0	2436	8.9	83341.4	-0340.0	2526	9.7	85158.4	-0357.4
2257	9.5	80551.6	-0319.8	2347	9.8	81919.0	-0346.6	2437	10.	83342.3	-0313.1	2527	9.2	85213.9	-0355.0
2258	9.1	80600.0	-0344.0	2348	9.4	81924.3	-0357.1	2438	9.1	83416.8	-0300.4	2528	9.8	85236.6	-0327.3
2259	9.5	80601.6	-0329.4	2349	9.3	81935.1	-0325.4	2439	10.	83431.6	-0320.5	2529	8.8	85259.3	-0354.7
2260	8.7	80610.8	-0338.2	2350	9.0	81946.4	-0344.7	2440	10.	83434.0	-0330.0	2530	9.9	85311.4	-0316.9
2261	9.3	80626.0	-0335.2	2351	9.8	81952.4	-0310.9	2441	9.3	83453.4	-0323.3	2531	9.4	85330.6	-0348.5
2262	9.5	80629.5	-0347.8	2352	9.4	81959.5	-0305.8	2442	9.5	83500.1	-0320.0	2532	8.0	85339.3	-0357.1
2263	9.5	80640.2	-0311.0	2353	8.3	81959.7	-0303.1	2443	9.4	83506.8	-0354.0	2533	9.3	85346.6	-0306.3
2264	8.9	80640.4	-0337.7	2354	9.8	82010.2	-0305.4	2444	8.8	83516.7	-0327.2	2534	9.9	85349.6	-0357.7
2265	9.9	80640.5	-0320.4	2355	9.5	82021.6	-0321.2	2445	7.2	83523.2	-0253.5	2535	6.8	85416.2	-0353.5
2266	9.6	80640.8	-0322.0	2356	7.0	82027.3	-0356.4	2446	9.9	83527.0	-0355.4	2536	9.5	85428.3	-0359.5
2267	9.3	80650.6	-0309.9	2357	9.7	82046.6	-0332.5	2447	9.1	83533.9	-0303.8	2537	9.8	85434.7	-0330.9
2268	7.3	80709.2	-0323.6	2358	9.7	82053.5	-0337.3	2448	9.5	83535.4	-0323.1	2538	10.	85440.5	-0339.6
2269	9.5	80709.5	-0345.0	2359	9.4	82106.8	-0300.9	2449	10.	83540.8	-0355.1	2539	9.1	85522.4	-0339.3
2270	9.5	80712.0	-0315.1	2360	8.2	82108.7	-0348.6	2450	10.	83543.0	-0339.5	2540	9.1	85524.0	-0324.4
2271	9.6	80725.7	-0334.3	2361	9.8	82122.6	-0323.8	2451	9.6	83609.9	-0304.0	2541	9.2	85530.1	-0308.5
2272	9.5	80743.6	-0352.1	2362	8.8	82133.9	-0345.7	2452	8.8	83619.4	-0313.8	2542	10.	85550.8	-0358.0
2273	9.4	80752.8	-0325.8	2363	9.5	82134.2	-0338.5	2453	9.2	83629.4	-0357.6	2543	9.7	85557.6	-0330.9
2274	9.2	80753.2	-0326.8	2364	9.7	82145.0	-0323.5	2454	7.8	83649.0	-0341.0	2544	9.2	85604.1	-0345.6
2275	9.5	80756.8	-0316.8	2365	9.5	82204.2	-0322.4	2455	9.8	83655.3	-0311.0	2545	8.0	85606.6	-0352.3
2276	10.	80800.5	-0330.2	2366	9.7	82209.1	-0330.1	2456	9.1	83700.1	-0324.0	2546	9.8	85612.0	-0328.3
2277	9.5	80818.4	-0352.6	2367	9.8	82218.9	-0332.9	2457	9.4	83707.1	-0348.2	2547	8.3	85624.2	-0351.2
2278	9.1	80824.8	-0307.6	2368	8.5	82220.7	-0324.4	2458	9.1	83742.3	-0330.5	2548	9.3	85625.3	-0358.2
2279	9.5	80828.3	-0337.5	2369	9.7	82222.4	-0350.1	2459	9.1	83749.2	-0321.8	2549	9.0	85628.0	-0335.1
2280	9.3	80832.0	-0316.2	2370	9.4	82234.7	-0317.2	2460	9.3	83758.0	-0322.7	2550	9.0	85630.4	-0336.6
2281	9.5	80838.4	-0343.5	2371	9.5	82243.2	-0315.7	2461	9.7	83758.5	-0341.0	2551	10.	85631.4	-0332.0
2282	9.6	80839.8	-0307.8	2372	9.1	82246.4	-0356.3	2462	8.4	83807.7	-0309.4	2552	9.8	85639.1	-0303.5
2283	9.8	80907.4	-0301.2	2373	9.8	82322.8	-0308.1	2463	9.8	83809.5	-0321.2	2553	8.4	85701.3	-0310.2
2284	9.3	80937.6	-0310.7	2374	9.8	82328.3	-0307.6	2464	9.3	83829.3	-0353.0	2554	9.5	85707.2	-0351.6
2285	9.5	80942.5	-0348.9	2375	8.9	82332.9	-0322.0	2465	9.3	83836.6	-0343.8	2555	8.3	85709.8	-0326.7
2286	8.8	80958.0	-0349.1	2376	10.	82351.9	-0301.1	2466	9.7	83854.4	-0319.2	2556	9.7	85710.9	-0351.9
2287	9.3	81002.9	-0303.8	2377	9.5	82353.1	-0321.8	2467	10.	83855.3	-0301.2	2557	9.3	85717.7	-0312.0
2288	7.7	81016.0	-0331.7	2378	9.9	82355.6	-0334.1	2468	9.9	83904.2	-0329.5	2558	9.5	85737.3	-0311.6
2289	9.5	81021.5	-0334.1	2379	9.5	82409.7	-0307.3	2469	9.0	83923.9	-0326.0	2559	10.	85737.5	-0341.5
2290	9.0	81032.3	-0355.3	2380	9.0	82432.0	-0318.0	2470	8.7	83932.6	-0304.1	2560	10.	85743.0	-0359.5
2291	8.5	81047.7	-0334.1	2381	9.1	82510.5	-0303.7	2471	10.	83957.5	-0300.2	2561	9.8	85743.4	-0307.1
2292	10.	81117.9	-0334.7	2382	9.5	82513.5	-0316.3	2472	9.2	84012.6	-0342.5	2562	8.2	85744.6	-0324.9
2293	9.7	81125.7	-0332.7	2383	9.5	82524.0	-0317.7	2473	8.2	84017.9	-0325.7	2563	7.3	85748.3	-0311.8
2294	9.2	81126.3	-0334.9	2384	8.5	82532.5	-0334.6	2474	9.0	84023.0	-0316.9	2564	9.2	85749.0	-0335.4
2295	8.2	81134.2	-0338.1	2385	9.0	82537.4	-0322.1	2475	9.7	84030.2	-0307.5	2565	9.5	85753.2	-0326.2
2296	9.5	81141.0	-0326.7	2386	8.9	82537.7	-0353.0	2476	8.2	84032.0	-0330.5	2566	9.0	85755.0	-0342.6
2297	9.5	81142.2	-0312.7	2387	9.8	82602.1	-0359.8	2477	9.5	84122.0	-0307.7	2567	9.2	85756.6	-0344.8
2298	9.7	81142.9	-0304.0	2388	9.2	82604.6	-0304.2	2478	8.3	84122.8	-0359.4	2568	9.5	85805.0	-0312.3
2299	9.5	81158.7	-0352.1	2389	9.2	82618.1	-0344.1	2479	9.5	84125.9	-0309.3	2569	9.1	85815.5	-0322.8

2570	8.2	85816.5	-0300.1	2660	8.8	91407.8	-0338.5	2750	8.5	93505.6	-0326.0	2840	8.5	95435.9	-0340.5
2571	9.2	85849.7	-0351.6	2661	8.3	91425.7	-0355.0	2751	9.2	93512.5	-0302.7	2841	9.5	95458.2	-0325.2
2572	9.3	85900.3	-0303.9	2662	9.8	91445.2	-0317.4	2752	9.5	93608.5	-0306.7	2842	10.	95530.8	-0335.0
2573	9.0	85926.3	-0335.2	2663	9.9	91459.3	-0306.6	2753	9.7	93622.0	-0326.7	2843	9.4	95629.0	-0356.9
2574	9.3	85944.6	-0331.5	2664	9.5	91532.8	-0359.2	2754	10.	93625.3	-0333.6	2844	9.4	95640.1	-0356.4
2575	9.6	85945.4	-0333.0	2665	9.5	91544.9	-0341.8	2755	8.8	93634.0	-0320.1	2845	9.1	95657.2	-0329.3
2576	9.5	85952.1	-0314.0	2666	9.5	91548.6	-0305.7	2756	8.8	93635.9	-0312.8	2846	9.8	95706.4	-0313.2
2577	8.6	85953.0	-0322.4	2667	8.7	91640.7	-0354.9	2757	9.3	93638.1	-0343.3	2847	9.3	95724.5	-0317.8
2578	9.6	85958.8	-0300.8	2668	9.4	91644.5	-0323.5	2758	9.4	93644.8	-0342.5	2848	9.5	95731.9	-0316.4
2579	8.8	90014.2	-0352.9	2669	9.7	91659.4	-0342.6	2759	7.5	93713.3	-0359.6	2849	9.3	95740.6	-0302.5
2580	9.5	90043.3	-0358.2	2670	9.7	91722.0	-0312.7	2760	10.	93722.0	-0336.0	2850	9.8	95847.1	-0313.0
2581	9.2	90103.0	-0341.5	2671	9.4	91724.0	-0356.7	2761	9.9	93739.8	-0333.1	2851	10.	95921.4	-0347.5
2582	10.	90135.4	-0319.5	2672	7.0	91736.4	-0339.7	2762	9.2	93741.2	-0352.4	2852	9.4	95923.9	-0330.5
2583	10.	90142.0	-0324.1	2673	9.5	91803.5	-0323.8	2763	9.8	93747.1	-0343.4	2853	9.0	95935.5	-0355.9
2584	9.8	90142.6	-0306.1	2674	9.3	91827.5	-0336.4	2764	9.6	93819.4	-0359.8	2854	10.	95948.7	-0317.7
2585	9.6	90149.2	-0310.7	2675	9.6	91828.7	-0311.5	2765	9.0	93825.7	-0346.7	2855	10.	100041.0	-0322.6
2586	9.6	90159.0	-0310.0	2676	9.7	91843.6	-0344.5	2766	9.4	93846.3	-0354.7	2856	8.2	100113.2	-0326.3
2587	9.5	90213.1	-0308.4	2677	9.8	91852.2	-0347.8	2767	9.5	93858.1	-0341.3	2857	9.5	100156.7	-0319.6
2588	9.3	90213.3	-0300.0	2678	9.7	91854.3	-0339.8	2768	9.5	93908.2	-0317.3	2858	9.4	100201.9	-0328.1
2589	8.8	90221.9	-0326.6	2679	9.3	91855.5	-0350.4	2769	9.5	93920.2	-0315.1	2859	9.5	100202.5	-0319.4
2590	10.	90237.4	-0336.5	2680	9.8	91918.3	-0352.5	2770	9.2	93931.7	-0320.0	2860	8.2	100209.1	-0313.8
2591	9.3	90239.3	-0347.4	2681	9.8	91932.6	-0343.0	2771	8.0	93937.0	-0337.9	2861	9.4	100220.1	-0339.2
2592	9.3	90250.2	-0336.2	2682	9.2	91932.7	-0347.2	2772	9.0	93944.1	-0316.0	2862	9.8	100220.4	-0349.7
2593	9.0	90304.5	-0354.1	2683	9.7	92000.8	-0352.9	2773	8.5	93948.0	-0349.3	2863	9.5	100249.2	-0319.3
2594	8.3	90308.8	-0311.5	2684	8.3	92007.4	-0356.1	2774	9.8	93953.8	-0309.1	2864	10.	100259.4	-0347.2
2595	9.5	90311.5	-0335.2	2685	7.5	92014.9	-0310.0	2775	9.5	94005.6	-0340.8	2865	8.0	100335.3	-0336.6
2596	10.	90316.7	-0327.1	2686	9.6	92050.9	-0306.0	2776	9.8	94035.4	-0326.0	2866	9.3	100404.4	-0339.6
2597	10.	90327.5	-0345.2	2687	9.8	92102.0	-0335.7	2777	9.4	94041.1	-0343.3	2867	8.5	100405.2	-0330.1
2598	9.9	90333.3	-0313.0	2688	9.5	92116.1	-0309.8	2778	9.8	94049.9	-0325.7	2868	9.9	100428.8	-0301.5
2599	9.4	90354.4	-0341.2	2689	8.8	92138.6	-0316.7	2779	9.5	94052.3	-0358.0	2869	9.4	100441.0	-0358.5
2600	9.0	90359.0	-0320.1	2690	9.6	92141.4	-0300.4	2780	9.0	94053.1	-0347.4	2870	9.0	100458.7	-0301.6
2601	9.4	90412.6	-0337.6	2691	9.8	92154.7	-0347.9	2781	9.3	94057.8	-0353.0	2871	9.0	100535.4	-0337.4
2602	9.3	90421.7	-0354.1	2692	8.5	92200.7	-0329.7	2782	8.7	94104.5	-0343.8	2872	9.7	100614.7	-0301.1
2603	9.3	90441.5	-0343.5	2693	6.5	92215.5	-0336.6	2783	9.1	94107.3	-0357.8	2873	7.8	100635.1	-0324.6
2604	7.4	90446.3	-0358.0	2694	9.2	92248.2	-0310.0	2784	9.4	94200.6	-0331.0	2874	9.5	100658.1	-0318.1
2605	9.2	90503.4	-0350.1	2695	9.0	92307.9	-0310.1	2785	9.0	94213.0	-0314.2	2875	9.8	100705.5	-0352.9
2606	10.	90512.9	-0307.3	2696	9.4	92309.5	-0327.1	2786	9.4	94224.4	-0301.1	2876	10.	100809.2	-0359.1
2607	10.	90514.9	-0315.8	2697	9.4	92315.2	-0309.3	2787	9.0	94232.5	-0304.6	2877	8.5	100853.0	-0311.7
2608	9.3	90517.9	-0327.4	2698	7.3	92324.0	-0325.9	2788	9.5	94236.1	-0313.7	2878	9.8	100902.5	-0337.8
2609	9.8	90521.9	-0338.1	2699	9.1	92344.7	-0327.9	2789	9.5	94237.6	-0316.6	2879	10.	100909.0	-0300.1
2610	9.6	90525.1	-0325.0	2700	8.4	92353.8	-0352.2	2790	9.1	94302.9	-0311.1	2880	9.4	100931.1	-0353.3
2611	9.0	90609.5	-0347.1	2701	8.5	92444.2	-0346.3	2791	10.	94306.2	-0349.2	2881	9.0	100940.5	-0331.0
2612	9.2	90619.8	-0320.7	2702	9.4	92450.7	-0327.6	2792	9.9	94346.9	-0337.0	2882	9.8	101001.7	-0358.0
2613	9.8	90622.5	-0323.1	2703	9.6	92502.4	-0329.3	2793	9.0	94350.1	-0330.5	2883	10.	101008.5	-0336.9
2614	8.9	90622.7	-0318.1	2704	8.8	92503.0	-0347.1	2794	6.1	94355.9	-0333.9	2884	9.4	101015.6	-0316.1
2615	9.7	90624.9	-0327.2	2705	9.4	92550.1	-0315.2	2795	9.0	94409.1	-0326.5	2885	9.9	101021.1	-0315.5
2616	10.	90625.4	-0318.0	2706	10.	92550.3	-0355.6	2796	9.3	94424.8	-0313.4	2886	9.5	101033.5	-0341.6
2617	9.0	90627.3	-0342.2	2707	8.3	92600.2	-0345.7	2797	8.8	94425.0	-0347.9	2887	8.5	101037.7	-0305.8
2618	9.8	90636.1	-0348.3	2708	10.	92603.4	-0303.0	2798	9.3	94435.0	-0357.2	2888	9.0	101049.5	-0344.6
2619	9.3	90700.7	-0354.5	2709	9.4	92610.9	-0304.6	2799	9.2	94445.8	-0323.4	2889	10.	101055.4	-0340.6
2620	9.5	90702.9	-0324.3	2710	9.5	92617.9	-0311.2	2800	9.2	94525.9	-0315.1	2890	8.6	101057.5	-0309.2
2621	9.8	90703.6	-0349.7	2711	9.8	92631.2	-0346.7	2801	9.3	94547.3	-0304.4	2891	9.1	101117.0	-0306.1
2622	8.8	90703.6	-0345.0	2712	9.5	92642.0	-0310.0	2802	7.3	94623.3	-0311.1	2892	9.2	101152.7	-0321.2
2623	8.0	90728.8	-0356.8	2713	8.2	92703.5	-0307.9	2803	9.1	94634.7	-0319.7	2893	9.9	101152.9	-0333.6
2624	9.8	90744.0	-0344.1	2714	8.9	92716.8	-0322.3	2804	9.5	94639.4	-0339.1	2894	9.0	101202.6	-0353.0
2625	8.8	90748.4	-0310.9	2715	9.0	92722.2	-0350.9	2805	10.	94703.9	-0343.0	2895	10.	101207.1	-0318.1
2626	9.1	90748.6	-0315.2	2716	9.8	92752.3	-0321.6	2806	8.5	94713.9	-0345.2	2896	8.7	101207.8	-0327.3
2627	9.3	90751.5	-0345.2	2717	9.0	92753.5	-0338.4	2807	9.0	94726.2	-0317.5	2897	9.0	101221.6	-0359.2
2628	8.5	90754.5	-0322.0	2718	9.3	92808.6	-0318.3	2808	10.	94751.4	-0342.5	2898	9.4	101225.0	-0347.1
2629	9.5	90756.3	-0332.9	2719	9.8	92835.6	-0341.7	2809	10.	94757.7	-0319.1	2899	9.8	101247.5	-0307.5
2630	9.3	90806.9	-0327.4	2720	9.8	92843.0	-0307.5	2810	10.	94807.1	-0326.1	2900	8.0	101247.7	-0336.6
2631	9.2	90814.0	-0329.7	2721	9.8	92846.1	-0340.6	2811	9.4	94813.6	-0330.4	2901	9.0	101252.6	-0352.1
2632	9.5	90815.2	-0309.0	2722	9.5	92852.3	-0355.5	2812	9.5	94827.4	-0341.4	2902	9.3	101340.6	-0325.7
2633	10.	90821.8	-0356.3	2723	9.1	92912.1	-0325.5	2813	9.6	94830.4	-0338.3	2903	8.8	101403.5	-0352.1
2634	9.3	90822.4	-0317.3	2724	9.1	92924.8	-0356.4	2814	9.8	94839.7	-0300.7	2904	8.0	101415.0	-0307.8
2635	8.0	90903.3	-0356.0	2725	9.8	92926.5	-0308.3	2815	8.3	94847.3	-0307.6	2905	9.7	101436.0	-0310.9
2636	8.0	90911.1	-0348.0	2726	8.4	92927.9	-0315.9	2816	9.8	94850.8	-0301.1	2906	9.7	101503.3	-0327.5
2637	10.	90912.9	-0343.4	2727	9.5	92931.6	-0358.9	2817	8.4	94908.3	-0309.1	2907	8.2	101503.7	-0341.7
2638	9.5	90914.1	-0317.2	2728	8.3	92958.6	-0326.1	2818	10.	94938.5	-0354.4	2908	9.0	101506.0	-0310.1
2639	9.2	90917.7	-0327.6	2729	9.1	93023.6	-0326.3	2819	8.6	94951.3	-0332.2	2909	8.7	101519.6	-0300.7
2640	10.	90931.6	-0318.2	2730	9.5	93029.4	-0332.7	2820	9.0	95006.2	-0313.5	2910	9.6	101533.6	-0330.2
2641	9.0	90935.7	-0336.3	2731	10.	93042.0	-0300.6	2821	9.8	95036.1	-0312.5	2911	6.3	101606.2	-0320.6
2642	9.8	90955.5	-0345.3	2732	9.4	93051.2	-0302.2	2822	9.5	95038.3	-0334.6	2912	9.2	101709.0	-0343.4
2643	9.5	90959.7	-0335.0	2733	7.5	93103.9	-0312.0	2823	9.4	95057.4	-0327.7	2913	9.8	101726.3	-0333.5
2644	9.1	91001.3	-0335.9	2734	8.9	93105.6	-0325.0	2824	8.2	95123.6	-0329.2	2914	8.9	101736.1	-0314.2
2645	9.1	91008.9	-0303.2	2735	10.	93117.4	-0356.8	2825	9.0	95142.4	-0346.2	2915	10.	101753.4	-0335.9
2646	10.	91028.4	-0351.7	2736	7.8	93140.1	-0321.5	2826	9.7	95205.2	-0324.8	2916	8.9	101759.0	-0352.6
2647	9.9	91052.0	-0304.2	2737	8.1	93150.0	-0347.9	2827	9.6	95255.7	-0322.9	2917	9.1	101808.0	-0356.7
2648	9.4	91102.7	-0307.5	2738	9.6	93157.1	-0319.4	2828	9.0	95257.6	-0333.9	2918	9.8	101815.4	-0337.5
2649	9.4	91152.2	-0354.4	2739	8.5	93220.4	-0333.1	2829	9.9	95333.2	-0343.9	2919	10.	101820.2	-0303.0
2650	9.0	91155.6	-0350.7	2740	9.2	93221.3	-0336.5	2830	9.1	95334.9	-0340.1	2920	8.7	101854.6	-0319.1
2651	9.3	91202.7	-0304.4	2741	8.3	93241.2	-0304.1	2831	8.6	95336.9	-0334.2	2921	7.0	101927.3	-0339.1
2652	9.5	91213.3	-0302.1	2742	9.1	93325.7	-0345.0	2832	9.1	95357.0	-0309.1	2922	10.	101930.4	-0308.2
2653	9.0	91213.5	-0305.8	2743	9.5	93335.0	-0331.5	2833	9.4	95400.0	-0357.2	2923	9.8	101931.6	-0328.7
2654	8.5	91215.8	-0345.0	2744	8.0	93419.3	-0337.4	2834	9.4	95413.3	-0303.3	2924	8.5	101948.0	-0349.9
2655	8.5	91223.2	-0355.9	2745	8.9	93429.6	-0317.3	2835	10.	95418.2	-0346.9	2925	9.0	102015.5	-0341.8
2656	9.0	91224.6	-0334.7	2746	9.1	93433.9	-0310.8	2836	9.9	95420.1	-0342.4	2926	10.	102024.1	-0317.8
2657	9.4	91232.7	-0306.5	2747	9.8	93437.8	-0320.3	2837	9.6	95420.4	-0345.4	2927	10.	102041.2	-0326.3
2658	8.8	91304.3	-0359.6	2748	8.2	93445.7	-0320.6	2838	9.3	95422.4	-0348.2	2928	9.5	102108.5	-0308.2
2659	9.7	91342.5	-0342.0	2749	9.5	93503.1	-0348.0	2839	9.0	95432.7	-0314.5	2929	6.7	102122.4	-0300.2

-03 2930 10h21m

-03 3289 12h18m

2930	9.3	102136.0	-0356.9	3020	8.7	104856.3	-0304.9	3110	9.2	111734.1	-0340.6	3200	8.6	114647.8	-0334.1
2931	8.7	102146.5	-0356.9	3021	10.	104900.5	-0316.4	3111	8.9	111743.1	-0347 1	3201	8.5	114816.1	-0314.2
2932	9.5	102206.1	-0357.6	3022	10.	104908.5	-0319.7	3112	9.5	111756.8	-0307.0	3202	9.8	114824.5	-0339.9
2933	9.0	102220.3	-0332.9	3023	9.5	105043.3	-0356.2	3113	9.5	111814.1	-0345.3	3203	9.9	114841.2	-0326.5
2934	8.2	102229.5	-0310.2	3024	8.0	105132.2	-0354.3	3114	9.6	111830.4	-0303.5	3204	9.7	114847.5	-0302.9
2935	9.5	102236.3	-0328.0	3025	9.0	105135.6	-0302.9	3115	9.2	111906.6	-0310.9	3205	9.8	114850.0	-0318.2
2936	9.5	102302.0	-0343.9	3026	9.8	105157.7	-0358.9	3116	9.5	111922.2	-0320.9	3206	9.4	114912.4	-0348.2
2937	9.9	102305.8	-0347.6	3027	8.7	105211.4	-0325.3	3117	9.6	111935.7	-0351.2	3207	8.7	114912.8	-0347.9
2938	9.8	102404.6	-0314.7	3028	8.3	105212.7	-0336.8	3118	9.4	111943.0	-0329.7	3208	9.3	114926.0	-0315.7
2939	8.6	102405.5	-0300.5	3029	9.5	105255.1	-0325.8	3119	9.1	111953.4	-0301.3	3209	10.	114936.5	-0357.3
2940	9.4	102414.5	-0355.5	3030	9.4	105303.0	-0308.6	3120	9.6	112025.2	-0354.0	3210	6.8	114936.9	-0358.4
2941	9.5	102500.3	-0332.5	3031	9.9	105305.7	-0355.0	3121	9.9	112037.0	-0302.5	3211	8.7	114944.2	-0318.8
2942	9.8	102511.4	-0343.3	3032	9.6	105332.8	-0359.4	3122	10.	112049.7	-0319.6	3212	8.8	114956.4	-0309.7
2943	8.0	102513.2	-0326.5	3033	9.5	105401.4	-0314.0	3123	9.5	112052.7	-0327.2	3213	6.7	115042.5	-0333.8
2944	9.8	102528.3	-0328.9	3034	10.	105417.7	-0317.9	3124	9.3	112058.6	-0316.4	3214	9.8	115052.6	-0342.5
2945	9.1	102541.3	-0304.4	3035	10.	105418.0	-0330.0	3125	9.2	112103.7	-0319.1	3215	9.5	115122.1	-0316.0
2946	10.	102556.4	-0311.0	3036	9.0	105418.7	-0302.1	3126	9.5	112134.6	-0352.2	3216	8.8	115136.9	-0357.5
2947	9.1	102616.2	-0331.7	3037	9.8	105420.9	-0308.6	3127	10.	112143.7	-0346.8	3217	8.3	115220.2	-0308.5
2948	9.1	102634.9	-0311.5	3038	9.0	105549.6	-0339.2	3128	7.8	112151.3	-0338.6	3218	8.6	115302.8	-0344.0
2949	9.1	102716.5	-0321.7	3039	9.9	105632.9	-0316.8	3129	9.6	112214.3	-0328.3	3219	9.4	115305.8	-0345.3
2950	7.0	102729.0	-0308.9	3040	7.3	105721.2	-0326.3	3130	9.5	112305.0	-0336.7	3220	9.0	115330.7	-0340.6
2951	9.0	102812.8	-0315.3	3041	9.4	105721.4	-0335.0	3131	8.9	112306.7	-0353.8	3221	9.7	115333.9	-0347.7
2952	9.9	102815.1	-0310.1	3042	9.4	105753.0	-0331.3	3132	10.	112348.1	-0343.6	3222	9.8	115347.5	-0356.4
2953	9.5	102816.9	-0343.7	3043	9.8	105755.1	-0339.9	3133	9.8	112351.6	-0353.0	3223	9.4	115400.5	-0321.1
2954	9.5	102824.1	-0357.5	3044	10.	105842.6	-0329.2	3134	8.9	112357.2	-0330.0	3224	8.8	115401.4	-0323.3
2955	9.8	102825.3	-0336.4	3045	9.8	105847.6	-0308.2	3135	9.5	112413.3	-0340.6	3225	9.5	115412.9	-0349.2
2956	9.3	102826.5	-0351.4	3046	9.7	105911.4	-0319.2	3136	10.	112448.1	-0347.3	3226	9.2	115430.3	-0326.9
2957	10.	102837.6	-0324.6	3047	9.7	105921.3	-0310.3	3137	8.6	112516.5	-0340.6	3227	10.	115556.3	-0327.7
2958	9.5	102854.0	-0311.4	3048	9.2	105933.9	-0318.1	3138	9.5	112608.6	-0313.3	3228	10.	115630.6	-0353.9
2959	9.5	102906.6	-0321.3	3049	9.5	105941.1	-0339.3	3139	9.0	112628.1	-0359.0	3229	9.0	115633.7	-0357.2
2960	9.7	102910.1	-0305.7	3050	9.8	105949.4	-0318.6	3140	8.5	112640.6	-0322.1	3230	8.9	115633.8	-0318.4
2961	9.4	102947.9	-0346.5	3051	9.3	105950.2	-0304.7	3141	9.2	112712.5	-0330.2	3231	9.5	115730.1	-0300.4
2962	9.1	102958.2	-0329.9	3052	8.8	110009.1	-0351.6	3142	9.6	112726.6	-0307.4	3232	9.3	115735.5	-0313.6
2963	10.	103000.0	-0321.1	3053	8.2	110055.7	-0307.0	3143	9.5	112728.6	-0351.0	3233	9.3	115736.7	-0331.0
2964	9.4	103020.4	-0356.1	3054	9.0	110106.1	-0336.8	3144	6.5	112734.1	-0330.4	3234	9.8	115743.0	-0343.8
2965	8.9	103020.8	-0308.4	3055	9.8	110109.0	-0338.5	3145	10.	112748.5	-0311.2	3235	9.4	115818.5	-0320.7
2966	9.3	103040.2	-0335.8	3056	9.1	110112.2	-0355.7	3146	9.6	112749.7	-0312.4	3236	9.4	115839.3	-0327.9
2967	9.2	103042.0	-0317.6	3057	9.4	110115.6	-0326.7	3147	8.5	112827.7	-0357.0	3237	9.5	115905.7	-0347.8
2968	9.2	103048.9	-0327.1	3058	8.9	110157.9	-0317.2	3148	9.7	112829.6	-0313.0	3238	9.5	115948.2	-0336.1
2969	8.9	103131.6	-0306.1	3059	8.6	110313.6	-0305.2	3149	9.2	112843.1	-0319.2	3239	7.2	120046.9	-0328.7
2970	9.1	103135.0	-0357.8	3060	9.0	110324.9	-0309.0	3150	9.0	112901.6	-0353 7	3240	8.6	120102.5	-0331.8
2971	10.	103137.4	-0356.0	3061	9.9	110335.9	-0321.5	3151	8.3	112949.1	-0347 3	3241	9.7	120111.6	-0325.0
2972	9.5	103207.6	-0307.3	3062	9.5	110412.0	-0359.6	3152	8.0	113010.4	-0342.1	3242	8.8	120128.5	-0305.5
2973	10.	103224.5	-0300.3	3063	9.8	110426.0	-0323.8	3153	9.5	113025.2	-0307.3	3243	9.7	120153.4	-0307.9
2974	9.1	103301.3	-0345.0	3064	9.5	110427.1	-0316.4	3154	9.3	113114.6	-0303.3	3244	9.4	120240.9	-0321.6
2975	10.	103302.9	-0356.6	3065	8.2	110430.6	-0305.3	3155	9.8	113130.1	-0346.4	3245	9.4	120306.6	-0352.0
2976	8.7	103347.9	-0300.7	3066	8.7	110512.4	-0317.5	3156	9.5	113152.1	-0321.9	3246	9.0	120315.5	-0356.4
2977	8.2	103434.4	-0318.9	3067	8.5	110533.8	-0302.8	3157	8.5	113155.0	-0320.0	3247	9.4	120347.0	-0310.8
2978	9.2	103452.3	-0304.7	3068	9.0	110606.4	-0358.8	3158	9.0	113252.3	-0303.9	3248	10.	120407.5	-0355.8
2979	9.7	103514.0	-0315.5	3069	9.3	110611.2	-0300.6	3159	9.9	113257.6	-0359.1	3249	7.8	120447.8	-0335.5
2980	8.2	103542.8	-0339.0	3070	9.9	110625.4	-0348.3	3160	9.1	113306.1	-0301.7	3250	9.4	120500.9	-0327.6
2981	9.1	103558.3	-0307.2	3071	9.6	110629.9	-0309.0	3161	9.3	113314.6	-0314.6	3251	9.8	120525.6	-0347.9
2982	9.4	103603.7	-0308.4	3072	10.	110652.1	-0301.0	3162	9.0	113350.9	-0304.2	3252	9.8	120552.0	-0354.6
2983	8.6	103606.9	-0308.4	3073	10.	110710.8	-0339.2	3163	9.3	113442.6	-0317.7	3253	9.2	120728.4	-0322.3
2984	9.1	103623.1	-0353.7	3074	9.8	110713.4	-0356.8	3164	8.0	113509.1	-0350.5	3254	9.4	120755.8	-0329.5
2985	9.5	103631.1	-0342.8	3075	8.8	110735.3	-0354.2	3165	9.1	113604.1	-0347.4	3255	8.8	120756.4	-0336.8
2986	9.6	103650.4	-0309.1	3076	10.	110806.9	-0316.0	3166	9.4	113605.7	-0308.6	3256	10.	120844.3	-0314.2
2987	9.8	103702.0	-0314.4	3077	9.3	110807.1	-0349.7	3167	8.0	113640.2	-0359.7	3257	8.2	120850.4	-0338.7
2988	9.8	103720.0	-0303.0	3078	9.8	110818.5	-0350.6	3168	9.6	113711.6	-0335.8	3258	9.3	120939.3	-0326.4
2989	9.8	103746.8	-0303.0	3079	9.1	110820.1	-0342.4	3169	8.2	113717.7	-0342.1	3259	9.3	121012.8	-0337.2
2990	9.1	103900.1	-0325.0	3080	9.5	110841.6	-0343.0	3170	8.9	113724.2	-0347.2	3260	9.4	121039.1	-0301.6
2991	9.0	103901.3	-0351.6	3081	9.2	110856.4	-0308.4	3171	10.	113842.0	-0332.0	3261	9.8	121042.6	-0344.5
2992	9.3	103928.3	-0356.9	3082	9.4	110903.9	-0335.5	3172	10.	113904.5	-0336.4	3262	7.5	121042.9	-0308.9
2993	9.8	104007.6	-0301.4	3083	9.4	110908.5	-0316.3	3173	8.5	113920.1	-0353.2	3263	6.8	121043.5	-0308.4
2994	9.6	104011.5	-0310.2	3084	9.8	110909.3	-0317.2	3174	9.6	114034.1	-0328.1	3264	9.0	121107.9	-0315.7
2995	10.	104021.3	-0335.5	3085	7.0	110913.0	-0310.4	3175	9.8	114036.7	-0307.2	3265	9.2	121205.6	-0344.3
2996	9.0	104034.9	-0316.2	3086	8.5	110922.0	-0308.6	3176	9.5	114043.0	-0331.8	3266	10.	121242.4	-0324.5
2997	9.1	104118.8	-0355.5	3087	9.0	111000.8	-0323.4	3177	9.9	114049.4	-0302.9	3267	7.3	121250.1	-0342.5
2998	9.1	104122.2	-0305.6	3088	10.	111037.8	-0350.0	3178	10.	114053.1	-0338.8	3268	8.0	121313.5	-0311.2
2999	6.7	104154.9	-0315.7	3089	9.0	111129.1	-0355.9	3179	9.6	114126.5	-0340.5	3269	9.4	121324.2	-0311.0
3000	9.2	104238.8	-0329.7	3090	9.8	111209.0	-0346.2	3180	9.6	114140.9	-0300.4	3270	9.5	121341.3	-0316.4
3001	9.9	104257.4	-0359.2	3091	9.2	111226.4	-0303.3	3181	9.8	114148.5	-0318.2	3271	7.7	121424.4	-0334.7
3002	9.3	104308.9	-0311.4	3092	10.	111228.8	-0308.1	3182	9.0	114205.1	-0359.9	3272	9.4	121431.0	-0348.4
3003	8.7	104325.4	-0358.1	3093	9.8	111304.7	-0354.1	3183	10.	114210.6	-0300.1	3273	9.1	121503.0	-0353.9
3004	9.0	104352.2	-0335.5	3094	9.8	111323.6	-0358.4	3184	9.6	114211.8	-0321.9	3274	10.	121528.2	-0302.0
3005	7.5	104357.9	-0358.1	3095	9.9	111325.1	-0342.3	3185	9.6	114252.6	-0312.1	3275	9.3	121544.8	-0321.9
3006	8.5	104433.5	-0321.2	3096	8.5	111338.6	-0312.1	3186	9.9	114308.1	-0332.2	3276	9.5	121559.4	-0309.9
3007	9.5	104446.5	-0334.0	3097	9.1	111347.4	-0335.5	3187	9.8	114324.6	-0340.7	3277	9.2	121615.5	-0355.1
3008	10.	104515.7	-0352.1	3098	8.0	111353.4	-0334.6	3188	9.5	114352.6	-0343.3	3278	9.8	121710.6	-0332.1
3009	9.8	104516.3	-0330.2	3099	10.	111426.6	-0301.8	3189	9.3	114407.9	-0350.6	3279	9.1	121712.8	-0329.7
3010	8.0	104527.6	-0308.8	3100	9.8	111454.3	-0325.4	3190	9.5	114431.6	-0304.0	3280	8.0	121733.9	-0324.8
3011	9.6	104540.2	-0302.4	3101	10.	111516.9	-0308.1	3191	9.4	114435.1	-0341.5	3281	9.4	121737.8	-0314.4
3012	9.0	104606.1	-0330.0	3102	9.5	111522.7	-0306.4	3192	9.7	114443.0	-0349.6	3282	9.8	121748.1	-0338.8
3013	8.8	104620.5	-0331.9	3103	9.0	111541.6	-0315.2	3193	9.7	114504.5	-0326.7	3283	9.5	121751.0	-0342.1
3014	9.5	104626.2	-0351.6	3104	9.2	111551.3	-0325.4	3194	9.5	114505.2	-0358.8	3284	9.8	121800.6	-0336.9
3015	8.5	104640.0	-0316.3	3105	9.4	111618.1	-0354.2	3195	9.5	114522.9	-0328.7	3285	9.7	121803.7	-0330.2
3016	10.	104709.7	-0350.0	3106	9.4	111653.6	-0315.1	3196	9.8	114558.7	-0348.2	3286	9.5	121825.6	-0325.1
3017	10.	104710.4	-0341.3	3107	9.5	111700.6	-0315.1	3197	8.2	114602.9	-0304.4	3287	9.8	121830.0	-0344.3
3018	9.1	104715.2	-0300.9	3108	9.3	111704.3	-0339.4	3198	8.8	114615.2	-0356.5	3288	9.5	121830.7	-0349.1
3019	9.9	104728.1	-0346.2	3109	9.1	111707.7	-0335.6	3199	9.3	114619.1	-0346.8	3289	8.0	121841.5	-0340.7

3290	9.5	121915.3	-0309.0	3380	9.8	124947.8	-0351.3	3470	8.8	131918.9	-0352.4	3560	8.2	135026.9	-0340.5
3291	9.5	121925.3	-0321.6	3381	9.5	125003.5	-0338.4	3471	9.6	131940.3	-0325.0	3561	9.4	135142.4	-0309.0
3292	9.4	121927.1	-0332.1	3382	9.4	125049.8	-0358.5	3472	10.	131953.4	-0351.8	3562	9.7	135145.5	-0300.6
3293	9.8	121937.0	-0338.6	3383	8.5	125125.9	-0309.0	3473	9.7	131953.8	-0325.6	3563	9.5	135151.0	-0343.5
3294	9.6	121948.9	-0351.5	3384	6.2	125211.1	-0301.8	3474	9.9	132015.8	-0307.2	3564	9.5	135152.1	-0330.6
3295	10.	121954.3	-0325.8	3385	8.6	125216.4	-0338.8	3475	9.8	132039.9	-0325.4	3565	10.	135246.2	-0349.3
3296	9.5	122005.1	-0335.9	3386	9.8	125228.3	-0358.5	3476	8.0	132111.7	-0342.7	3566	9.5	135256.5	-0352.9
3297	9.4	122022.9	-0310.5	3387	9.8	125230.0	-0331.7	3477	10.	132124.7	-0300.1	3567	9.5	135410.4	-0336.9
3298	6.5	122025.4	-0348.9	3388	10.	125232.2	-0319.8	3478	9.3	132133.0	-0344.2	3568	9.0	135518.6	-0305.2
3299	9.1	122029.4	-0352.5	3389	9.4	125310.5	-0333.2	3479	9.6	132136.7	-0335.7	3569	9.0	135552.3	-0309.9
3300	9.5	122031.8	-0316.3	3390	9.1	125351.7	-0328.0	3480	9.7	132150.9	-0348.1	3570	9.2	135605.9	-0338.1
3301	9.4	122113.1	-0338.4	3391	9.8	125418.9	-0341.8	3481	9.3	132153.7	-0344.8	3571	9.4	135619.4	-0332.8
3302	8.3	122117.5	-0329.6	3392	9.3	125433.6	-0327.1	3482	9.1	132232.3	-0329.4	3572	8.5	135629.0	-0316.8
3303	9.6	122120.9	-0311.6	3393	9.1	125458.1	-0313.5	3483	9.5	132236.7	-0327.5	3573	9.8	135712.5	-0347.6
3304	8.8	122142.8	-0318.3	3394	10.	125500.2	-0301.0	3484	9.4	132239.3	-0310.3	3574	9.4	135729.5	-0346.4
3305	9.8	122156.5	-0347.8	3395	8.8	125502.5	-0351.3	3485	9.5	132239.9	-0327.6	3575	9.5	135746.5	-0348.5
3306	9.5	122256.6	-0341.5	3396	8.5	125516.8	-0349.7	3486	8.8	132315.1	-0342.1	3576	9.4	135749.1	-0359.4
3307	9.2	122303.5	-0337.5	3397	9.0	125532.2	-0313.8	3487	9.4	132326.2	-0305.0	3577	10.	135749.2	-0302.2
3308	9.0	122320.6	-0339.0	3398	9.0	125537.1	-0330.5	3488	9.4	132335.1	-0321.5	3578	9.5	135804.5	-0303.3
3309	6.7	122324.0	-0315.6	3399	10.	125603.9	-0304.6	3489	8.9	132355.0	-0315.3	3579	9.5	135832.0	-0348.9
3310	8.5	122446.8	-0321.4	3400	9.1	125606.7	-0310.2	3490	8.7	132416.6	-0355.0	3580	8.0	135851.9	-0328.4
3311	10.	122514.2	-0313.7	3401	9.5	125636.6	-0313.7	3491	9.0	132451.7	-0343.2	3581	9.9	135952.1	-0356.0
3312	9.4	122552.1	-0331.4	3402	10.	125644.0	-0311.8	3492	9.7	132507.0	-0305.2	3582	9.3	140042.6	-0306.2
3313	8.0	122644.1	-0338.8	3403	9.6	125738.8	-0348.3	3493	9.0	132539.0	-0302.2	3583	9.0	140049.6	-0352.4
3314	9.2	122725.3	-0337.0	3404	9.3	125747.8	-0353.9	3494	9.2	132541.0	-0314.8	3584	9.3	140144.9	-0338.4
3315	8.7	122754.3	-0315.9	3405	9.0	125800.9	-0325.3	3495	9.5	132609.6	-0338.9	3585	9.0	140147.7	-0329.8
3316	9.9	122801.2	-0300.0	3406	8.3	125845.5	-0331.5	3496	10.	132632.0	-0352.0	3586	9.8	140155.5	-0316.2
3317	10.	122813.8	-0315.2	3407	8.5	125900.5	-0333.5	3497	8.3	132652.6	-0337.2	3587	9.4	140300.6	-0309.5
3318	9.7	122814.7	-0334.8	3408	9.8	125921.8	-0357.1	3498	9.0	132702.0	-0352.4	3588	9.5	140315.9	-0310.1
3319	10.	122850.0	-0339.6	3409	9.4	125933.5	-0315.9	3499	9.9	132728.2	-0326.0	3589	9.5	140326.4	-0332.0
3320	9.8	122909.5	-0339.3	3410	9.8	130003.4	-0339.1	3500	9.8	132744.8	-0311.5	3590	9.0	140344.9	-0340.8
3321	9.5	122940.4	-0317.0	3411	9.5	130032.0	-0329.9	3501	8.7	132801.4	-0338.8	3591	9.0	140501.0	-0334.5
3322	8.8	122942.2	-0350.9	3412	8.6	130047.3	-0355.9	3502	9.5	132815.6	-0336.8	3592	9.2	140515.5	-0300.9
3323	9.3	123033.5	-0305.3	3413	9.8	130112.3	-0348.3	3503	10.	133024.0	-0352.0	3593	9.8	140530.1	-0312.4
3324	9.2	123045.8	-0345.0	3414	10.	130122.0	-0311.0	3504	9.5	133051.2	-0310.6	3594	10.	140541.4	-0312.0
3325	9.0	123049.4	-0310.2	3415	9.5	130122.4	-0333.1	3505	9.5	133117.5	-0308.2	3595	8.8	140620.8	-0337.7
3326	9.8	123057.1	-0347.8	3416	9.0	130129.3	-0349.0	3506	9.5	133154.6	-0341.7	3596	8.7	140633.7	-0304.2
3327	9.5	123108.3	-0320.5	3417	9.0	130139.8	-0352.9	3507	9.7	133211.7	-0330.0	3597	9.8	140634.7	-0330.1
3328	9.4	123115.6	-0331.7	3418	9.0	130251.7	-0333.1	3508	9.0	133239.3	-0328.3	3598	9.5	140721.1	-0315.7
3329	6.9	123116.4	-0334.7	3419	9.4	130302.5	-0323.2	3509	9.1	133244.6	-0337.6	3599	9.5	140758.5	-0318.5
3330	9.4	123120.3	-0335.0	3420	9.0	130329.6	-0336.2	3510	9.5	133247.5	-0356.3	3600	8.5	140839.0	-0311.7
3331	9.4	123140.8	-0335.4	3421	8.6	130348.2	-0308.3	3511	9.6	133338.1	-0342.4	3601	8.7	140849.6	-0336.3
3332	9.8	123145.7	-0359.9	3422	9.4	130412.1	-0313.7	3512	9.5	133348.7	-0325.5	3602	9.8	140914.4	-0349.4
3333	9.1	123159.0	-0323.6	3423	8.7	130438.5	-0320.1	3513	9.2	133402.1	-0301.9	3603	8.0	140929.3	-0339.5
3334	10.	123201.3	-0312.0	3424	9.5	130440.7	-0331.2	3514	9.2	133408.2	-0315.9	3604	9.3	140939.3	-0340.2
3335	9.5	123250.8	-0315.3	3425	9.6	130510.2	-0324.9	3515	8.7	133413.9	-0317.3	3605	9.2	140941.3	-0321.9
3336	9.2	123333.5	-0357.5	3426	8.4	130519.6	-0307.2	3516	9.1	133419.1	-0348.0	3606	8.5	140948.0	-0335.4
3337	8.5	123358.2	-0312.0	3427	9.5	130527.7	-0329.9	3517	9.7	133439.7	-0302.9	3607	9.8	141134.7	-0349.8
3338	9.6	123400.1	-0330.0	3428	8.5	130610.2	-0336.1	3518	9.3	133454.5	-0343.3	3608	9.5	141152.5	-0357.9
3339	9.8	123504.2	-0325.8	3429	9.8	130652.1	-0307.6	3519	9.2	133512.7	-0324.3	3609	9.4	141155.6	-0326.1
3340	9.4	123513.5	-0341.2	3430	9.3	130718.6	-0333.2	3520	9.8	133515.3	-0315.6	3610	9.1	141238.2	-0335.1
3341	7.5	123532.8	-0315.0	3431	9.0	130723.6	-0317.3	3521	9.8	133556.0	-0338.2	3611	9.8	141341.6	-0335.0
3342	9.0	123622.6	-0336.8	3432	9.3	130807.1	-0346.7	3522	7.0	133559.2	-0331.9	3612	9.8	141343.2	-0320.5
3343	9.2	123653.3	-0332.2	3433	8.8	130815.0	-0356.0	3523	9.9	133635.6	-0339.3	3613	8.3	141345.5	-0359.8
3344	9.6	123703.4	-0300.4	3434	9.5	130825.8	-0353.9	3524	10.	133639.1	-0330.5	3614	9.6	141424.0	-0358.8
3345	9.5	123735.2	-0301.3	3435	8.9	130833.7	-0308.4	3525	9.4	133716.7	-0343.7	3615	9.2	141441.0	-0330.8
3346	9.5	123745.8	-0333.2	3436	9.8	130839.0	-0352.3	3526	9.8	133722.6	-0334.5	3616	9.5	141444.2	-0321.8
3347	10.	123746.2	-0319.8	3437	9.0	130846.2	-0305.7	3527	9.8	133735.4	-0353.0	3617	8.8	141459.9	-0303.7
3348	8.2	123749.7	-0305.3	3438	9.3	130858.3	-0301.9	3528	9.8	133738.8	-0345.7	3618	9.6	141514.8	-0303.0
3349	8.0	123750.9	-0305.6	3439	9.3	130902.0	-0351.0	3529	9.1	133745.6	-0304.6	3619	8.8	141524.9	-0345.7
3350	9.5	123812.5	-0300.7	3440	10.	130904.7	-0338.1	3530	8.9	133916.4	-0355.2	3620	8.8	141637.9	-0314.6
3351	9.6	123832.5	-0342.8	3441	9.5	130912.2	-0324.9	3531	9.8	133941.0	-0337.6	3621	9.2	141708.4	-0324.8
3352	10.	123835.0	-0343.8	3442	9.0	130929.1	-0306.0	3532	8.9	133951.9	-0315.7	3622	8.5	141714.0	-0321.8
3353	9.6	123841.5	-0345.5	3443	8.7	130929.5	-0357.2	3533	9.2	134015.6	-0316.0	3623	9.2	141728.7	-0345.2
3354	9.5	123853.6	-0338.4	3444	10.	130939.0	-0348.8	3534	9.5	134018.9	-0320.3	3624	9.5	141729.6	-0347.2
3355	9.8	123901.5	-0347.0	3445	9.5	130948.2	-0318.0	3535	8.0	134052.6	-0358.6	3625	8.0	141825.7	-0303.2
3356	9.0	123903.8	-0313.6	3446	9.8	131002.1	-0343.7	3536	9.1	134122.6	-0326.9	3626	8.4	141832.9	-0348.0
3357	9.2	123908.4	-0359.1	3447	9.3	131004.4	-0320.8	3537	9.1	134309.5	-0332.9	3627	9.7	141849.7	-0332.1
3358	9.8	123948.6	-0334.7	3448	9.5	131315.6	-0345.3	3538	9.1	134311.4	-0342.8	3628	8.8	141917.7	-0314.7
3359	10.	123957.1	-0312.2	3449	9.8	131328.4	-0302.2	3539	9.1	134311.7	-0328.7	3629	9.0	141930.8	-0346.5
3360	8.0	124006.4	-0353.0	3450	9.3	131330.1	-0327.9	3540	9.8	134338.9	-0327.4	3630	9.8	142013.7	-0307.1
3361	9.8	124049.8	-0356.4	3451	9.7	131334.5	-0355.6	3541	9.4	134341.7	-0309.6	3631	8.8	142027.8	-0344.0
3362	9.5	124121.3	-0311.4	3452	8.8	131400.6	-0320.6	3542	9.6	134402.9	-0358.7	3632	9.8	142144.8	-0303.1
3363	9.5	124126.5	-0335.7	3453	8.2	131441.0	-0353.8	3543	9.4	134428.0	-0348.2	3633	9.0	142225.4	-0323.0
3364	9.6	124211.2	-0320.8	3454	9.2	131451.3	-0329.3	3544	8.9	134451.2	-0306.6	3634	6.8	142226.8	-0335.6
3365	9.5	124222.9	-0357.0	3455	9.3	131500.2	-0301.3	3545	9.7	134459.2	-0314.5	3635	9.1	142228.7	-0304.3
3366	9.8	124347.8	-0355.5	3456	9.8	131532.1	-0334.5	3546	9.8	134706.4	-0352.5	3636	7.7	142257.9	-0325.0
3367	9.1	124348.9	-0353.5	3457	9.5	131552.4	-0310.7	3547	7.8	134710.9	-0344.6	3637	9.1	142321.1	-0309.1
3368	9.5	124404.0	-0341.0	3458	8.6	131557.9	-0314.0	3548	9.8	134742.1	-0323.1	3638	9.7	142338.1	-0351.6
3369	9.8	124430.4	-0346.2	3459	8.0	131636.5	-0346.4	3549	8.3	134753.3	-0339.4	3639	9.1	142346.3	-0303.7
3370	9.5	124453.3	-0351.5	3460	8.9	131636.7	-0327.0	3550	9.4	134802.2	-0351.3	3640	9.6	142547.3	-0340.4
3371	9.1	124530.7	-0320.7	3461	8.5	131654.9	-0351.3	3551	8.8	134808.0	-0355.5	3641	8.8	142552.0	-0307.3
3372	9.6	124557.4	-0350.5	3462	7.0	131656.2	-0332.6	3552	7.5	134834.6	-0354.3	3642	9.7	142608.7	-0328.7
3373	6.7	124609.8	-0325.9	3463	9.5	131718.5	-0316.1	3553	9.0	134857.3	-0331.0	3643	9.4	142822.9	-0338.4
3374	9.8	124730.5	-0306.9	3464	9.3	131727.6	-0325.2	3554	9.8	134917.0	-0311.9	3644	9.7	142830.3	-0307.5
3375	7.3	124754.9	-0343.0	3465	9.6	131827.4	-0356.8	3555	9.5	134946.3	-0330.4	3645	8.5	142838.1	-0308.8
3376	9.8	124827.3	-0320.5	3466	10.	131830.1	-0331.2	3556	9.5	135008.7	-0357.0	3646	9.1	142854.1	-0332.0
3377	9.4	124837.9	-0355.1	3467	9.5	131832.9	-0356.2	3557	9.8	135015.0	-0346.4	3647	9.3	142918.9	-0350.6
3378	9.0	124901.5	-0342.1	3468	9.0	131907.5	-0341.3	3558	8.7	135017.5	-0306.2	3648	7.3	142923.3	-0339.1
3379	8.5	124920.9	-0356.0	3469	9.3	131910.4	-0351.0	3559	9.1	135025.7	-0357.3	3649	6.8	142935.9	-0315.6

3650	9.9	142953.4	-0309.9	3740	8.4	[illegible]		3830	9.4	154140.6	-0311.7	3920	9.0	161229.8	-0337.5
3651	9.8	143048.3	-0302.1	3741	9.5	[illegible]		3831	9.5	154145.2	-0312.6	3921	9.0	161307.7	-0334.6
3652	9.4	143049.1	-0314.6	3742	9.5	[illegible]		3832	9.0	154155.2	-0302.5	3922	9.3	161316.2	-0308.1
3653	10.	143049.2	-0340.4	3743	9.5	[illegible]		3833	7.2	154221.8	-0328.3	3923	9.5	161316.9	-0316.4
3654	9.2	143122.8	-0302.0	3744	8.0	[illegible]		3834	9.7	154257.9	-0337.2	3924	9.0	161330.2	-0330.7
3655	9.4	143159.0	-0305.9	3745	9.3	[illegible]		3835	9.5	154333.4	-0344.1	3925	9.5	161349.4	-0318.0
3656	9.8	143230.1	-0300.2	3746	9.2	[illegible]		3836	8.0	154439.6	-0353.1	3926	8.9	161423.8	-0308.4
3657	9.4	143256.2	-0343.3	3747	9.0	[illegible]		3837	9.2	154626.9	-0332.5	3927	9.5	161435.3	-0350.9
3658	10.	143316.4	-0352.7	3748	9.1	[illegible]		3838	9.4	154627.8	-0347.3	3928	9.4	161449.5	-0310.7
3659	9.5	143416.9	-0316.2	3749	9.7	150650.6	-0334.1	3839	9.5	154650.9	-0319.3	3929	8.0	161455.5	-0354.0
3660	9.4	143421.9	-0326.0	3750	9.7	[illegible]		3840	9.5	154707.6	-0327.2	3930	8.9	161457.9	-0352.1
3661	9.1	143548.9	-0348.1	3751	9.8	[illegible]		3841	9.3	154719.4	-0330.5	3931	9.5	161500.3	-0309.8
3662	8.9	143556.5	-0319.7	3752	10.	150852.7	-0336.9	3842	9.3	154719.6	-0335.6	3932	9.5	161518.7	-0312.3
3663	9.1	143640.7	-0341.9	3753	9.6	[illegible]		3843	9.2	154720.2	-0359.9	3933	9.6	161603.2	-0314.4
3664	8.7	143703.7	-0330.8	3754	9.5	[illegible]		3844	9.6	154724.4	-0306.0	3934	9.5	161635.6	-0344.4
3665	9.5	143815.6	-0308.8	3755	9.7	[illegible]		3845	9.8	154733.8	-0334.0	3935	9.8	161642.4	-0316.6
3666	9.7	143818.2	-0356.9	3756	9.5	[illegible]		3846	8.5	154753.0	-0358.8	3936	9.6	161707.6	-0329.9
3667	8.8	143820.8	-0347.5	3757	7.3	[illegible]		3847	8.8	154919.5	-0350.5	3937	8.7	161713.1	-0307.2
3668	9.8	143829.5	-0352.9	3758	7.3	[illegible]		3848	9.4	155030.6	-0305.8	3938	9.5	161739.9	-0354.3
3669	9.5	143837.3	-0305.6	3759	9.8	[illegible]		3849	9.3	155037.5	-0307.2	3939	7.7	161756.6	-0331.8
3670	9.5	143838.2	-0317.8	3760	9.4	[illegible]		3850	9.4	155050.6	-0358.5	3940	8.9	161828.2	-0311.2
3671	9.9	143853.1	-0301.2	3761	10.	[illegible]		3851	9.0	155105.9	-0303.5	3941	9.5	161851.4	-0328.3
3672	9.5	143853.4	-0344.1	3762	9.1	[illegible]		3852	9.8	155222.9	-0337.5	3942	9.1	161911.0	-0327.5
3673	8.0	143938.4	-0337.3	3763	9.0	[illegible]		3853	8.8	155228.7	-0325.2	3943	8.8	161946.9	-0312.7
3674	9.0	144004.7	-0322.3	3764	9.4	[illegible]		3854	9.8	155228.9	-0341.0	3944	9.5	161959.3	-0358.8
3675	8.6	144135.0	-0343.9	3765	9.2	[illegible]		3855	9.4	155249.8	-0357.7	3945	9.9	162030.1	-0304.9
3676	9.5	144150.7	-0329.5	3766	9.5	[illegible]		3856	9.8	155252.5	-0353.1	3946	9.6	162031.8	-0315.4
3677	9.3	144212.1	-0324.3	3767	9.6	[illegible]		3857	8.6	155306.2	-0328.3	3947	9.4	162038.3	-0355.3
3678	9.4	144712.8	-0340.5	3768	9.8	[illegible]		3858	9.3	155340.2	-0331.4	3948	9.7	162123.8	-0341.5
3679	9.2	144242.7	-0316.1	3769	9.8	[illegible]		3859	7.0	155405.3	-0321.3	3949	9.5	162154.2	-0337.6
3680	7.9	144318.4	-0331.8	3770	9.0	[illegible]		3860	9.8	155414.4	-0306.5	3950	9.4	162212.8	-0346.1
3681	9.5	144358.9	-0325.7	3771	9.5	[illegible]		3861	9.2	155437.8	-0307.6	3951	8.8	162306.4	-0345.7
3682	8.5	144413.3	-0329.6	3772	9.8	[illegible]		3862	9.8	155449.1	-0303.1	3952	9.0	162306.6	-0339.8
3683	8.7	144441.9	-0325.2	3773	9.5	[illegible]		3863	9.7	155453.5	-0317.7	3953	8.0	162308.3	-0321.7
3684	9.4	144445.2	-0341.2	3774	9.5	[illegible]		3864	8.0	155505.3	-0315.1	3954	9.5	162312.9	-0344.2
3685	9.5	144446.9	-0310.1	3775	9.1	[illegible]		3865	9.6	155510.7	-0313.7	3955	9.1	162442.8	-0352.4
3686	9.1	144449.4	-0335.6	3776	9.6	[illegible]		3866	9.3	155609.9	-0348.5	3956	9.5	162443.9	-0332.7
3687	7.7	144724.3	-0302.4	3777	8.7	[illegible]		3867	9.1	155633.4	-0301.1	3957	9.6	162507.7	-0314.7
3688	9.0	144743.5	-0346.9	3778	9.6	[illegible]		3868	9.8	155635.7	-0329.2	3958	9.4	162519.3	-0357.4
3689	9.3	144749.3	-0310.9	3779	9.0	[illegible]		3869	9.5	155705.9	-0345.0	3959	9.5	162537.3	-0330.1
3690	9.5	144806.2	-0320.0	3780	9.8	[illegible]		3870	6.8	155732.7	-0307.4	3960	9.4	162541.0	-0336.0
3691	9.0	144811.7	-0327.5	3781	9.4	[illegible]		3871	9.8	155755.0	-0319.8	3961	7.0	162545.8	-0357.2
3692	9.6	144825.3	-0347.3	3782	9.5	[illegible]		3872	9.3	155815.3	-0322.5	3962	8.0	162552.5	-0313.9
3693	9.8	144831.6	-0308.8	3783	9.8	[illegible]		3873	9.6	155903.0	-0302.2	3963	9.8	162558.4	-0304.5
3694	8.7	144846.4	-0358.6	3784	8.5	[illegible]		3874	9.8	155920.7	-0315.0	3964	8.0	162621.5	-0329.1
3695	9.3	144914.8	-0320.2	3785	9.8	[illegible]		3875	7.5	155925.0	-0328.9	3965	9.1	162622.4	-0318.4
3696	4.8	144936.3	-0345.1	3786	10.	[illegible]		3876	8.0	155930.4	-0352.9	3966	9.3	162625.6	-0318.1
3697	9.4	144944.7	-0312.7	3787	10.	[illegible]		3877	9.8	160011.4	-0347.1	3967	8.7	162645.7	-0342.4
3698	7.6	145008.9	-0326.6	3788	9.4	[illegible]		3878	9.8	160017.8	-0311.7	3968	9.1	162705.1	-0353.9
3699	9.7	145050.4	-0331.9	3789	8.8	[illegible]		3879	8.8	160058.8	-0339.5	3969	9.5	162836.2	-0347.1
3700	9.6	145102.4	-0316.4	3790	9.0	[illegible]		3880	9.6	160128.4	-0347.5	3970	9.5	162900.7	-0329.0
3701	9.4	145103.9	-0325.2	3791	9.5	[illegible]		3881	9.4	160151.4	-0345.3	3971	9.0	162918.3	-0320.6
3702	9.4	145153.4	-0340.1	3792	9.1	[illegible]		3882	8.7	160201.2	-0309.8	3972	9.5	163007.9	-0331.1
3703	9.6	145158.7	-0352.2	3793	8.3	[illegible]		3883	9.2	160208.6	-0312.2	3973	8.8	163020.1	-0324.8
3704	9.3	145257.8	-0336.5	3794	[illegible]			3884	6.1	160215.1	-0304.7	3974	8.0	163205.3	-0319.8
3705	9.6	145311.7	-0305.6	3795	9.2	[illegible]		3885	9.7	160234.3	-0307.9	3975	9.8	163213.6	-0355.5
3706	8.8	145318.0	-0352.2	3796	9.6	[illegible]		3886	9.0	160244.3	-0315.9	3976	9.5	163234.6	-0331.7
3707	8.9	145336.3	-0321.6	3797	9.7	[illegible]		3887	9.3	160250.8	-0324.2	3977	9.1	163325.5	-0356.7
3708	9.1	145342.7	-0342.9	3798	9.5	[illegible]		3888	8.2	160336.8	-0336.4	3978	8.0	163344.0	-0355.5
3709	9.7	145344.6	-0302.3	3799	9.5	[illegible]		3889	9.8	160345.4	-0305.0	3979	9.4	163442.6	-0328.3
3710	9.7	145406.4	-0313.4	3800	8.6	[illegible]		3890	8.7	160502.2	-0308.9	3980	9.5	163446.5	-0332.9
3711	9.8	145430.6	-0304.9	3801	9.0	[illegible]		3891	6.5	160518.9	-0350.8	3981	9.5	163519.8	-0322.7
3712	9.5	145447.7	-0327.3	3802	9.0	[illegible]		3892	9.5	160520.4	-0346.1	3982	7.3	163533.9	-0352.1
3713	8.8	145504.0	-0359.5	3803	9.8	[illegible]		3893	9.4	160529.3	-0334.9	3983	9.5	163617.0	-0346.5
3714	9.4	145505.6	-0307.1	3804	9.5	[illegible]		3894	9.7	160532.3	-0334.0	3984	9.1	163624.0	-0308.8
3715	9.4	145528.7	-0320.4	3805	9.5	[illegible]		3895	8.8	160547.4	-0313.8	3985	9.8	163638.1	-0305.0
3716	9.5	145603.0	-0357.2	3806	7.1	[illegible]		3896	7.3	160548.8	-0340.7	3986	9.5	163654.9	-0349.2
3717	9.3	145611.0	-0301.7	3807	9.1	[illegible]		3897	9.4	160611.9	-0329.0	3987	9.3	163719.0	-0328.8
3718	9.9	145708.6	-0307.2	3808	9.2	[illegible]		3898	9.4	160612.1	-0347.6	3988	8.4	163745.9	-0346.3
3719	9.5	145722.6	-0354.0	3809	9.8	[illegible]		3899	8.5	160612.6	-0349.0	3989	9.5	163825.0	-0348.7
3720	9.5	145731.1	-0317.1	3810	9.1	[illegible]		3900	9.3	160612.8	-0312.4	3990	9.6	163827.8	-0313.4
3721	9.4	145743.9	-0359.1	3811	9.8	[illegible]		3901	8.0	160629.3	-0347.0	3991	9.1	163828.1	-0306.8
3722	9.9	145745.9	-0351.3	3812	9.1	[illegible]		3902	8.5	160641.2	-0305.8	3992	9.4	163844.5	-0342.9
3723	9.7	145752.5	-0304.6	3813	9.6	[illegible]		3903	3.0	160644.8	-0318.8	3993	9.3	163936.5	-0326.9
3724	9.5	145754.6	-0359.7	3814	9.5	[illegible]		3904	9.5	160714.9	-0349.7	3994	9.3	164029.8	-0300.6
3725	8.8	145809.8	-0348.2	3815	9.0	[illegible]		3905	9.3	160736.9	-0331.1	3995	9.3	164041.4	-0338.0
3726	8.9	145824.0	-0326.2	3816	9.5	[illegible]		3906	9.2	160742.9	-0328.6	3996	9.0	164041.9	-0315.2
3727	8.9	145845.1	-0312.7	3817	9.9	[illegible]		3907	9.5	160827.2	-0336.6	3997	9.3	164042.7	-0343.1
3728	9.8	145859.0	-0335.3	3818	9.1	[illegible]		3908	9.2	160907.7	-0301.1	3998	9.3	164102.0	-0328.9
3729	9.5	150030.9	-0358.7	3819	9.5	[illegible]		3909	9.6	160914.5	-0334.1	3999	9.2	164104.0	-0352.7
3730	7.5	150032.0	-0311.9	3820	9.0	[illegible]		3910	6.0	160917.6	-0335.3	4000	9.6	164104.8	-0324.1
3731	10.	150059.1	-0345.9	3821	9.5	[illegible]		3911	9.5	160942.4	-0324.7	4001	9.0	164107.6	-0357.8
3732	9.5	150122.2	-0315.4	3822	9.5	[illegible]		3912	9.6	160944.8	-0344.8	4002	8.3	164111.9	-0321.1
3733	8.0	150123.0	-0327.1	3823	8.2	[illegible]		3913	9.5	160947.9	-0352.0	4003	9.3	164115.4	-0316.2
3734	9.5	150154.9	-0313.4	3824	8.0	[illegible]		3914	9.3	161006.8	-0329.5	4004	9.3	164221.5	-0300.3
3735	9.0	150159.0	-0337.9	3825	8.8	[illegible]		3915	8.7	161007.6	-0340.5	4005	9.7	164226.0	-0352.1
3736	8.0	150202.7	-0317.2	3826	9.2	[illegible]		3916	9.0	161009.4	-0353.2	4006	9.7	164239.8	-0306.6
3737	9.8	150240.7	-0316.6	3827	9.4	[illegible]		3917	10.	161027.0	-0355.8	4007	8.6	164243.7	-0331.3
3738	9.3	150243.3	-0330.1	3828	9.8	[illegible]		3918	9.4	161039.7	-0311.1	4008	8.0	164253.2	-0322.5
3739	9.6	150307.1	-0347.9	3829	6.0	[illegible]		3919	9.3	161127.7	-0305.8	4009	8.3	164303.5	-0305.6

4010	9.5	164310.4	-0358.8	4100	9.3	171859.1	-0325.3	4190	9.5	174452.4	-0331.4	4280	9.6	181723.6	-0318.2
4011	8.2	164332.1	-0300.3	4101	9.5	171906.8	-0320.4	4191	9.1	174455.6	-0319.4	4281	9.8	181724.6	-0357.4
4012	9.8	164338.8	-0333.1	4102	9.4	171908.1	-0357.0	4192	8.0	174459.5	-0308.7	4282	8.3	181746.2	-0325.4
4013	9.8	164343.2	-0325.1	4103	9.4	171917.8	-0309.8	4193	7.3	174510.0	-0331.4	4283	8.7	181755.2	-0334.5
4014	6.0	164442.4	-0343.0	4104	9.2	171921.0	-0303.7	4194	8.8	174513.2	-0334.8	4284	9.0	181811.6	-0342.7
4015	9.3	164457.9	-0320.0	4105	8.2	172007.9	-0300.1	4195	9.4	174516.5	-0302.6	4285	9.5	181905.4	-0314.4
4016	9.5	164515.5	-0333.8	4106	8.9	172049.8	-0326.5	4196	9.2	174529.7	-0342.2	4286	9.8	181926.8	-0353.1
4017	9.5	164516.5	-0359.0	4107	9.7	172059.9	-0341.3	4197	9.6	174544.8	-0308.6	4287	9.1	181955.2	-0329.0
4018	9.4	164536.3	-0326.2	4108	10.	172116.7	-0304.3	4198	9.0	174554.0	-0352.6	4288	7.5	182047.6	-0356.7
4019	9.5	164544.3	-0321.3	4109	9.2	172120.6	-0356.1	4199	8.5	174619.2	-0305.1	4289	9.1	182128.3	-0342.8
4020	8.3	164554.3	-0316.6	4110	9.7	172123.2	-0306.9	4200	7.2	174652.9	-0325.5	4290	9.3	182147.1	-0327.3
4021	9.5	164607.3	-0319.7	4111	9.6	172136.5	-0343.0	4201	9.5	174711.0	-0351.0	4291	9.8	182159.4	-0345.2
4022	9.5	164625.7	-0332.7	4112	9.3	172227.6	-0312.8	4202	10.	174749.0	-0301.8	4292	9.5	182226.3	-0338.9
4023	7.3	164648.0	-0355.3	4113	9.5	172240.4	-0311.0	4203	9.6	174806.9	-0330.7	4293	9.8	182254.4	-0348.5
4024	9.4	164710.0	-0358.8	4114	9.5	172257.6	-0336.3	4204	9.6	174812.8	-0310.3	4294	9.8	182304.8	-0333.1
4025	9.6	164732.7	-0301.2	4115	9.6	172305.2	-0309.8	4205	9.8	174833.4	-0328.0	4295	9.3	182330.3	-0357.6
4026	9.1	164757.1	-0320.7	4116	8.3	172311.0	-0347.9	4206	9.5	174900.0	-0345.3	4296	9.0	182354.3	-0358.8
4027	9.5	164803.8	-0329.1	4117	9.3	172347.3	-0328.5	4207	9.5	174918.5	-0326.7	4297	9.6	182400.3	-0359.8
4028	8.8	164847.0	-0323.6	4118	9.4	172347.7	-0333.9	4208	9.5	174927.4	-0325.3	4298	9.3	182415.8	-0345.8
4029	9.4	164851.2	-0356.1	4119	9.8	172350.0	-0341.2	4209	9.5	175020.9	-0325.9	4299	8.8	182422.2	-0341.9
4030	9.1	164923.8	-0335.2	4120	8.6	172356.0	-0326.4	4210	9.3	175024.1	-0314.6	4300	9.8	182429.2	-0358.3
4031	20.0	164929.5	-0352.0	4121	9.5	172426.7	-0317.8	4211	9.3	175052.5	-0348.8	4301	9.2	182438.6	-0306.3
4032	10.	164949.9	-0302.0	4122	9.8	172433.7	-0359.5	4212	8.8	175115.9	-0329.6	4302	9.5	182449.2	-0351.0
4033	9.6	164951.4	-0312.5	4123	9.9	172506.0	-0340.6	4213	8.8	175144.3	-0342.4	4303	9.3	182457.7	-0345.2
4034	9.8	165022.4	-0347.4	4124	9.8	172507.9	-0310.1	4214	10.	175145.5	-0336.1	4304	9.5	182506.3	-0347.6
4035	8.9	165038.5	-0300.4	4125	8.1	172521.0	-0314.9	4215	9.4	175207.8	-0312.7	4305	9.1	182649.7	-0318.4
4036	9.2	165055.8	-0326.7	4126	9.4	172548.5	-0337.6	4216	9.0	175218.5	-0347.7	4306	9.8	182651.8	-0335.5
4037	9.4	165139.4	-0340.0	4127	8.7	172550.1	-0319.7	4217	5.2	175249.9	-0340.4	4307	9.8	182659.6	-0320.2
4038	9.2	165152.2	-0303.5	4128	9.7	172702.1	-0344.3	4218	9.7	175255.2	-0308.8	4308	9.2	182706.5	-0350.7
4039	9.7	165201.6	-0329.8	4129	8.9	172729.2	-0333.6	4219	8.0	175256.0	-0357.8	4309	8.8	182711.1	-0302.6
4040	7.3	165210.2	-0359.4	4130	10.	172734.6	-0307.0	4220	9.1	175321.5	-0338.6	4310	9.8	182711.2	-0324.3
4041	9.9	165244.6	-0334.2	4131	10.	172824.8	-0308.3	4221	9.0	175323.5	-0330.9	4311	9.5	182720.7	-0324.7
4042	8.8	165249.9	-0359.1	4132	7.9	172831.5	-0335.3	4222	9.6	175348.8	-0305.6	4312	9.2	182723.2	-0328.7
4043	9.5	165251.9	-0352.8	4133	9.3	172843.2	-0328.3	4223	9.1	175424.9	-0343.4	4313	9.8	182729.1	-0314.2
4044	9.5	165258.4	-0303.8	4134	9.8	172844.7	-0315.8	4224	9.8	175429.5	-0307.1	4314	9.1	182835.8	-0330.4
4045	9.2	165321.6	-0301.6	4135	9.0	172915.4	-0315.1	4225	6.5	175452.9	-0309.1	4315	9.8	182848.7	-0315.9
4046	9.2	165330.8	-0259.9	4136	9.5	172918.2	-0315.8	4226	9.8	175507.0	-0348.8	4316	8.5	182856.1	-0311.5
4047	9.4	165336.0	-0357.2	4137	9.1	172922.6	-0331.4	4227	9.1	175508.7	-0324.9	4317	9.1	182907.3	-0342.5
4048	8.2	165403.1	-0333.0	4138	9.3	172931.7	-0333.6	4228	10.	175523.5	-0306.6	4318	9.5	182915.1	-0316.8
4049	9.2	165404.3	-0349.7	4139	9.6	172950.6	-0341.0	4229	9.2	175532.0	-0357.2	4319	8.7	182920.0	-0337.1
4050	8.9	165533.9	-0342.8	4140	9.1	172952.7	-0323.6	4230	9.5	175543.8	-0307.3	4320	9.2	182923.3	-0354.5
4051	9.7	165549.2	-0352.6	4141	9.4	172954.8	-0338.1	4231	8.5	175545.9	-0345.3	4321	9.0	182945.7	-0300.4
4052	9.4	165638.4	-0347.8	4142	20.0	172958.8	-0309.5	4232	8.9	175615.2	-0334.8	4322	9.1	182949.6	-0330.4
4053	9.3	165701.1	-0326.7	4143	8.0	173009.9	-0340.5	4233	8.8	175726.5	-0301.5	4323	9.5	182950.9	-0311.5
4054	9.2	165746.0	-0355.6	4144	9.3	173037.3	-0347.6	4234	9.1	175742.9	-0323.5	4324	9.6	182952.7	-0348.6
4055	9.4	165755.2	-0337.1	4145	9.5	173038.7	-0301.8	4235	9.3	175800.0	-0339.9	4325	7.2	182954.2	-0302.2
4056	9.5	165814.5	-0313.7	4146	9.3	173055.4	-0302.8	4236	8.9	175852.6	-0302.7	4326	9.4	183004.1	-0316.0
4057	9.7	165818.5	-0316.3	4147	9.3	173155.2	-0332.3	4237	7.0	175919.0	-0314.7	4327	8.9	183012.6	-0351.8
4058	9.8	165818.9	-0347.8	4148	9.6	173220.6	-0331.6	4238	9.6	180028.0	-0321.3	4328	9.9	183016.6	-0315.0
4059	9.8	165830.4	-0350.7	4149	9.4	173226.0	-0359.6	4239	9.4	180034.6	-0330.9	4329	9.6	183025.8	-0302.5
4060	9.0	165850.5	-0308.5	4150	7.3	173232.5	-0327.0	4240	9.2	180057.6	-0339.5	4330	9.9	183033.2	-0307.9
4061	9.8	165946.6	-0323.5	4151	9.6	173235.1	-0325.2	4241	9.8	180142.7	-0346.0	4331	6.5	183046.7	-0318.8
4062	9.2	170103.2	-0306.7	4152	9.5	173252.5	-0352.2	4242	8.3	180143.7	-0300.0	4332	8.3	183048.1	-0345.5
4063	6.7	170116.6	-0340.9	4153	9.0	173301.6	-0324.2	4243	9.5	180205.4	-0321.0	4333	9.1	183053.2	-0323.8
4064	9.4	170131.9	-0359.2	4154	9.5	173412.6	-0313.7	4244	8.8	180212.1	-0354.8	4334	9.0	183059.7	-0348.6
4065	9.8	170135.3	-0328.9	4155	8.7	173419.3	-0345.7	4245	9.3	180216.6	-0303.2	4335	9.5	183102.7	-0355.7
4066	9.7	170203.9	-0300.6	4156	10.	173455.4	-0359.9	4246	9.8	180241.5	-0328.5	4336	9.8	183134.2	-0307.9
4067	9.8	170324.2	-0340.5	4157	8.7	173458.4	-0344.2	4247	9.3	180259.3	-0340.3	4337	8.8	183141.1	-0316.7
4068	9.4	170324.2	-0358.3	4158	9.5	173459.3	-0353.0	4248	9.5	180329.5	-0322.0	4338	8.8	183208.7	-0314.9
4069	9.6	170343.1	-0319.3	4159	8.6	173601.2	-0308.5	4249	9.3	180333.0	-0324.3	4339	9.5	183219.1	-0324.7
4070	9.8	170350.9	-0308.6	4160	7.5	173607.3	-0350.5	4250	9.4	180352.6	-0354.6	4340	9.8	183224.6	-0305.1
4071	9.7	170407.2	-0335.6	4161	9.8	173622.9	-0305.9	4251	9.3	180452.4	-0324.4	4341	9.5	183225.9	-0303.3
4072	7.8	170412.1	-0309.8	4162	9.7	173636.6	-0303.5	4252	8.1	180459.0	-0330.8	4342	9.4	183228.7	-0354.9
4073	9.5	170446.0	-0309.1	4163	9.8	173637.5	-0357.6	4253	9.8	180540.5	-0319.6	4343	9.5	183239.6	-0314.4
4074	8.2	170506.4	-0352.5	4164	9.2	173648.1	-0347.2	4254	8.2	180541.8	-0325.9	4344	9.7	183245.4	-0357.0
4075	9.5	170555.3	-0343.1	4165	9.2	173719.0	-0346.9	4255	8.7	180558.9	-0301.5	4345	9.7	183245.6	-0332.8
4076	9.5	170557.9	-0355.8	4166	9.8	173730.6	-0357.0	4256	9.0	180621.1	-0340.8	4346	9.4	183302.2	-0307.3
4077	9.0	170617.4	-0343.4	4167	9.2	173740.0	-0302.4	4257	7.5	180805.0	-0323.7	4347	8.7	183310.1	-0308.8
4078	9.8	170630.0	-0303.3	4168	7.6	173757.4	-0326.5	4258	9.6	180810.6	-0316.3	4348	9.7	183311.1	-0332.8
4079	7.2	170644.3	-0359.1	4169	9.5	173824.3	-0347.7	4259	6.6	180820.2	-0339.1	4349	9.5	183317.6	-0348.7
4080	9.5	170649.9	-0350.9	4170	9.2	173829.6	-0325.7	4260	9.3	180832.1	-0341.5	4350	9.2	183333.1	-0330.4
4081	9.5	170740.9	-0334.3	4171	8.2	173856.5	-0351.0	4261	9.5	180856.9	-0341.3	4351	8.3	183335.1	-0356.8
4082	9.4	170758.8	-0306.5	4172	8.4	173902.2	-0359.7	4262	9.4	180902.8	-0330.1	4352	9.0	183338.1	-0315.2
4083	9.0	170841.3	-0326.6	4173	9.6	173908.8	-0306.9	4263	6.5	180916.8	-0302.4	4353	9.1	183342.1	-0354.9
4084	9.5	170857.3	-0356.8	4174	9.4	173909.8	-0312.7	4264	8.9	181052.8	-0330.9	4354	7.2	183357.5	-0314.7
4085	9.1	170920.7	-0328.1	4175	9.8	173914.4	-0301.6	4265	9.1	181108.3	-0357.9	4355	9.4	183403.9	-0312.7
4086	10.	171020.2	-0315.3	4176	9.1	173954.3	-0319.2	4266	9.8	181115.9	-0334.2	4356	9.8	183430.7	-0351.1
4087	7.3	171211.9	-0353.5	4177	8.5	174005.2	-0335.1	4267	8.0	181124.4	-0313.3	4357	9.4	183443.1	-0355.6
4088	9.5	171233.7	-0308.0	4178	9.3	174058.5	-0309.6	4268	9.5	181143.0	-0322.4	4358	9.5	183451.6	-0359.8
4089	9.6	171310.1	-0307.1	4179	9.3	174136.8	-0308.2	4269	9.3	181202.3	-0337.6	4359	9.8	183520.5	-0304.6
4090	9.2	171311.9	-0354.2	4180	9.4	174203.3	-0329.8	4270	9.5	181327.3	-0358.4	4360	8.5	183541.5	-0319.6
4091	8.6	171434.8	-0327.7	4181	9.1	174227.1	-0310.1	4271	9.2	181334.6	-0321.4	4361	9.5	183547.0	-0346.5
4092	8.4	171507.7	-0335.3	4182	9.2	174242.9	-0332.2	4272	8.0	181346.6	-0309.8	4362	9.6	183548.7	-0340.2
4093	9.4	171511.6	-0302.3	4183	9.4	174320.4	-0329.6	4273	8.0	181358.8	-0356.1	4363	9.5	183602.0	-0347.6
4094	9.3	171637.0	-0308.2	4184	9.8	174342.0	-0331.6	4274	9.5	181520.4	-0356.5	4364	9.3	183627.0	-0305.7
4095	9.2	171651.1	-0345.6	4185	9.8	174409.6	-0314.6	4275	9.4	181529.8	-0334.4	4365	9.3	183633.5	-0321.6
4096	9.3	171757.8	-0309.0	4186	9.2	174411.3	-0327.1	4276	9.5	181541.3	-0314.8	4366	9.5	183642.0	-0351.1
4097	8.5	171805.6	-0314.6	4187	9.1	174414.9	-0326.7	4277	6.5	181625.8	-0339.1	4367	8.5	183654.4	-0317.6
4098	9.3	171824.0	-0340.9	4188	9.7	174426.3	-0324.1	4278	9.5	181644.3	-0355.5	4368	8.8	183656.7	-0325.4
4099	9.8	171854.4	-0319.9	4189	8.3	174451.5	-0357.7	4279	8.3	181659.7	-0307.6	4369	8.5	183711.5	-0345.1

4370	9.4	183712.5	-0341.6	4460	5.7	185516.1	-0354.5	4550	9.4	191018.0	-0340.8	4640	9.0	192808.9	-0351.5
4371	9.5	183714.9	-0305.1	4461	9.4	185524.2	-0333.0	4551	9.5	191018.3	-0312.0	4641	9.0	192809.7	-0355.0
4372	9.8	183742.0	-0306.5	4462	9.5	185524.9	-0329.9	4552	9.5	191020.7	-0309.4	4642	8.5	192816.6	-0322.0
4373	8.0	183750.0	-0322.5	4463	9.2	185529.1	-0343.0	4553	9.0	191022.5	-0343.9	4643	9.5	192821.4	-0301.0
4374	9.6	183806.7	-0328.1	4464	9.4	185529.9	-0351.9	4554	9.9	191026.5	-0340.1	4644	9.4	192832.9	-0349.4
4375	9.5	183812.3	-0312.2	4465	9.0	185532.1	-0340.4	4555	9.5	191106.8	-0321.5	4645	8.2	192837.6	-0307.3
4376	9.4	183856.0	-0303.4	4466	7.7	185543.4	-0300.0	4556	9.2	191107.8	-0323.6	4646	9.5	192847.5	-0354.8
4377	9.8	183858.4	-0312.1	4467	9.8	185607.1	-0352.3	4557	9.5	191108.7	-0316.8	4647	9.6	192859.3	-0328.0
4378	8.6	183919.5	-0356.2	4468	9.3	185610.1	-0331.0	4558	9.5	191115.4	-0343.0	4648	9.3	192914.5	-0310.4
4379	9.4	183945.0	-0355.3	4469	9.5	185620.2	-0327.3	4559	8.8	191206.4	-0336.3	4649	8.0	192934.9	-0347.5
4380	8.5	183950.0	-0347.1	4470	9.3	185650.5	-0321.6	4560	9.8	191209.3	-0305.0	4650	9.0	192941.8	-0337.2
4381	9.2	184050.3	-0325.4	4471	9.8	185652.6	-0348.1	4561	9.5	191221.4	-0349.5	4651	9.0	192942.6	-0335.5
4382	8.0	184101.0	-0315.8	4472	9.6	185700.6	-0343.2	4562	9.5	191226.0	-0318.1	4652	9.4	192945.0	-0316.8
4383	9.1	184118.2	-0311.3	4473	9.5	185703.6	-0346.9	4563	9.2	191231.1	-0301.0	4653	9.5	192955.5	-0306.9
4384	9.4	184147.9	-0307.0	4474	9.5	185757.3	-0348.7	4564	9.4	191234.4	-0318.4	4654	9.4	192958.2	-0336.8
4385	9.1	184149.2	-0311.8	4475	9.0	185759.5	-0304.3	4565	9.2	191235.1	-0301.9	4655	9.5	192958.7	-0334.6
4386	9.5	184156.0	-0333.7	4476	8.2	185807.9	-0351.2	4566	9.8	191259.7	-0336.4	4656	8.5	193002.7	-0300.8
4387	9.3	184224.9	-0312.5	4477	9.7	185823.4	-0310.9	4567	9.4	191302.9	-0343.3	4657	9.5	193028.5	-0308.0
4388	6.8	184230.5	-0356.9	4478	9.4	185829.8	-0326.6	4568	9.8	191330.1	-0349.2	4658	9.0	193037.2	-0331.8
4389	9.7	184301.8	-0308.2	4479	9.6	185834.6	-0303.8	4569	9.3	191403.9	-0340.6	4659	9.5	193045.4	-0351.8
4390	7.3	184328.7	-0325.4	4480	9.5	185843.5	-0317.5	4570	9.8	191418.4	-0324.9	4660	9.8	193048.0	-0354.7
4391	9.8	184333.1	-0340.6	4481	9.5	185853.2	-0300.3	4571	9.5	191446.0	-0322.1	4661	9.8	193055.1	-0310.6
4392	6.5	184345.1	-0328.7	4482	9.7	185907.3	-0345.0	4572	8.7	191447.7	-0354.1	4662	9.3	193056.1	-0334.4
4393	9.2	184356.1	-0337.5	4483	9.7	185928.9	-0345.8	4573	7.0	191455.9	-0359.1	4663	9.1	193058.4	-0335.7
4394	9.4	184401.0	-0357.7	4484	9.1	185953.0	-0308.4	4574	9.7	191503.3	-0306.9	4664	9.5	193109.2	-0345.1
4395	9.0	184427.1	-0341.6	4485	8.2	190002.0	-0302.6	4575	10.	191503.3	-0336.9	4665	9.7	193112.0	-0352.6
4396	10.	184429.5	-0351.7	4486	8.5	190016.2	-0316.9	4576	9.8	191506.4	-0337.0	4666	9.8	193112.9	-0357.7
4397	7.2	184446.8	-0353.8	4487	9.8	190016.8	-0312.2	4577	8.8	191514.4	-0309.1	4667	9.3	193116.2	-0327.6
4398	9.2	184452.6	-0347.8	4488	9.7	190031.2	-0324.9	4578	10.	191537.9	-0347.8	4668	9.8	193116.4	-0352.6
4399	9.8	184535.5	-0303.4	4489	8.5	190032.9	-0345.4	4579	9.5	191552.5	-0319.4	4669	9.5	193121.0	-0346.4
4400	9.4	184545.2	-0346.9	4490	9.3	190055.0	-0311.5	4580	9.6	191614.6	-0355.0	4670	8.5	193136.8	-0330.1
4401	8.4	184551.0	-0343.3	4491	9.8	190105.8	-0340.7	4581	9.8	191630.4	-0320.0	4671	9.5	193145.7	-0325.0
4402	9.5	184600.6	-0352.8	4492	9.1	190116.3	-0322.6	4582	10.	191638.5	-0330.9	4672	9.4	193158.6	-0311.1
4403	9.5	184622.1	-0341.9	4493	9.8	190116.7	-0307.8	4583	9.7	191641.3	-0322.0	4673	9.3	193202.7	-0324.9
4404	9.0	184625.8	-0352.1	4494	8.7	190121.1	-0334.0	4584	9.3	191644.7	-0348.5	4674	8.7	193222.2	-0325.7
4405	9.3	184626.8	-0354.6	4495	9.8	190139.1	-0339.8	4585	9.2	191645.1	-0307.1	4675	9.5	193233.9	-0351.2
4406	9.7	184632.8	-0337.8	4496	9.4	190150.9	-0345.2	4586	9.5	191738.7	-0325.7	4676	9.6	193243.8	-0302.2
4407	9.2	184648.4	-0332.1	4497	9.6	190153.9	-0337.0	4587	8.9	191742.8	-0343.2	4677	9.3	193249.5	-0341.1
4408	9.7	184703.2	-0346.0	4498	9.6	190157.2	-0308.3	4588	9.1	191744.8	-0323.8	4678	9.7	193307.5	-0300.4
4409	9.2	184704.3	-0348.4	4499	8.0	190210.8	-0354.3	4589	9.5	191812.0	-0315.7	4679	9.5	193313.0	-0341.8
4410	9.5	184710.8	-0353.1	4500	9.8	190220.2	-0314.7	4590	9.1	191814.5	-0336.6	4680	8.5	193325.1	-0312.5
4411	9.5	184728.1	-0350.6	4501	9.6	190234.6	-0330.4	4591	9.5	191837.8	-0343.2	4681	9.3	193332.2	-0324.6
4412	9.4	184735.1	-0344.6	4502	9.7	190236.4	-0326.1	4592	9.4	191841.9	-0353.3	4682	9.1	193348.4	-0355.9
4413	8.7	184754.5	-0300.4	4503	9.5	190307.1	-0303.5	4593	9.5	191857.9	-0343.8	4683	9.4	193418.9	-0331.8
4414	8.9	184811.5	-0308.3	4504	9.5	190323.7	-0305.0	4594	9.2	191911.7	-0302.5	4684	9.3	193427.3	-0324.5
4415	9.5	184817.1	-0351.8	4505	8.0	190403.8	-0317.7	4595	9.8	191914.8	-0336.6	4685	9.2	193433.3	-0324.5
4416	9.3	184820.2	-0300.5	4506	9.0	190410.2	-0359.9	4596	9.2	191921.3	-0322.0	4686	9.5	193451.1	-0344.2
4417	9.1	184830.0	-0320.9	4507	9.8	190437.3	-0311.5	4597	9.5	191947.7	-0312.5	4687	9.8	193516.3	-0330.1
4418	9.3	184851.7	-0325.2	4508	9.3	190444.5	-0355.9	4598	8.3	192033.9	-0320.3	4688	9.8	193547.2	-0343.0
4419	9.2	184901.5	-0318.4	4509	9.5	190447.7	-0314.4	4599	9.5	192103.6	-0354.8	4689	9.4	193549.2	-0340.0
4420	9.5	184915.4	-0324.6	4510	9.5	190514.2	-0306.8	4600	9.8	192130.6	-0320.9	4690	9.4	193603.7	-0329.6
4421	9.3	184918.1	-0344.2	4511	9.1	190517.6	-0347.7	4601	9.6	192137.9	-0356.7	4691	9.8	193618.7	-0339.7
4422	9.3	184925.9	-0323.0	4512	9.1	190520.2	-0326.5	4602	9.5	192148.8	-0333.7	4692	9.6	193622.3	-0337.2
4423	9.2	184936.7	-0334.8	4513	8.5	190521.3	-0347.0	4603	8.8	192149.0	-0306.0	4693	9.5	193641.3	-0333.8
4424	9.7	184949.8	-0323.1	4514	9.0	190523.1	-0339.4	4604	9.3	192203.2	-0300.9	4694	9.4	193702.2	-0343.3
4425	9.0	184950.5	-0313.3	4515	9.5	190525.6	-0329.3	4605	9.2	192205.4	-0742.4	4695	8.5	193712.4	-0326.9
4426	9.3	185000.1	-0348.7	4516	8.5	190536.4	-0341.2	4606	8.8	192206.2	-0300.8	4696	7.7	193734.1	-0322.0
4427	9.7	185008.1	-0354.1	4517	9.4	190546.8	-0300.4	4607	9.5	192230.8	-0310.0	4697	9.5	193742.0	-0308.8
4428	9.8	185013.6	-0343.3	4518	9.5	190550.6	-0749.1	4608	9.5	192232.3	-0316.4	4698	9.8	193751.2	-0329.9
4429	9.5	185021.9	-0316.7	4519	9.8	190554.3	-0328.9	4609	9.0	192237.5	-0303.0	4699	9.1	193806.6	-0333.1
4430	9.4	185027.3	-0316.9	4520	9.8	190623.3	-0322.8	4610	9.1	192241.4	-0345.1	4700	9.5	193813.3	-0357.4
4431	9.7	185043.1	-0319.9	4521	9.5	190628.9	-0352.7	4611	8.2	192241.5	-0328.4	4701	6.7	193817.5	-0313.3
4432	9.4	185055.0	-0318.3	4522	7.8	190639.8	-0344.4	4612	5.7	192305.5	-0304.8	4702	9.0	193830.9	-0338.6
4433	9.0	185102.5	-0307.5	4523	9.4	190643.3	-0308.1	4613	9.6	192320.4	-0349.1	4703	9.5	193907.9	-0335.6
4434	9.5	185116.1	-0335.4	4524	9.5	190651.7	-0319.3	4614	9.5	192324.9	-0349.4	4704	9.1	193925.9	-0329.5
4435	9.0	185119.2	-0358.1	4525	9.8	190703.9	-0357.5	4615	9.9	192331.6	-0350.1	4705	9.5	193929.4	-0308.2
4436	9.8	185131.4	-0319.6	4526	8.7	190712.5	-0338.1	4616	9.5	192334.5	-0302.0	4706	8.5	193950.0	-0348.3
4437	9.3	185146.5	-0313.2	4527	9.8	190716.1	-0301.9	4617	9.2	192348.6	-0336.4	4707	10.	193954.0	-0354.7
4438	9.5	185155.9	-0330.5	4528	9.2	190719.4	-0332.7	4618	9.0	192406.0	-0306.4	4708	9.1	194016.7	-0358.5
4439	7.4	185202.2	-0301.6	4529	9.4	190722.8	-0350.7	4619	9.8	192415.9	-0313.5	4709	9.5	194031.1	-0307.6
4440	9.5	185219.4	-0325.4	4530	8.5	190729.1	-0334.4	4620	9.2	192428.9	-0346.7	4710	9.5	194037.5	-0300.7
4441	9.0	185224.4	-0329.8	4531	9.4	190730.2	-0315.7	4621	9.6	192434.8	-0325.3	4711	9.1	194038.4	-0339.2
4442	9.5	185233.1	-0356.8	4532	8.5	190734.9	-0335.8	4622	9.6	192445.5	-0328.7	4712	9.5	194047.7	-0357.7
4443	9.7	185241.1	-0345.5	4533	9.4	190736.6	-0328.0	4623	9.3	192454.2	-0335.0	4713	10.	194049.8	-0305.8
4444	9.5	185255.7	-0329.2	4534	9.3	190744.5	-0353.8	4624	10.	192536.7	-0330.5	4714	9.6	194104.4	-0350.8
4445	9.7	185303.5	-0319.0	4535	7.8	190750.3	-0321.6	4625	9.4	192544.1	-0341.2	4715	9.3	194119.5	-0341.6
4446	9.0	185332.1	-0343.0	4536	8.6	190801.7	-0317.3	4626	9.8	192551.4	-0300.2	4716	9.5	194120.1	-0315.1
4447	9.3	185341.1	-0332.9	4537	9.1	190804.4	-0336.4	4627	8.5	192559.7	-0355.7	4717	9.8	194121.7	-0338.0
4448	9.5	185350.5	-0318.1	4538	9.0	190806.5	-0307.7	4628	9.1	192605.5	-0313.9	4718	9.3	194124.0	-0341.1
4449	9.0	185355.1	-0341.2	4539	9.4	190814.9	-0329.4	4629	9.5	192630.5	-0330.0	4719	9.8	194200.6	-0315.9
4450	8.5	185412.7	-0334.4	4540	9.4	190823.0	-0353.8	4630	8.5	192636.3	-0335.9	4720	9.0	194205.7	-0356.2
4451	9.8	185429.7	-0303.7	4541	9.0	190835.2	-0332.7	4631	9.5	192638.9	-0352.8	4721	10.	194206.5	-0333.4
4452	9.5	185441.8	-0306.2	4542	9.8	190842.1	-0323.0	4632	9.5	192640.4	-0353.7	4722	9.5	194212.9	-0321.4
4453	9.7	185446.7	-0325.5	4543	9.5	190846.6	-0333.5	4633	9.2	192650.8	-0328.4	4723	9.5	194236.5	-0348.6
4454	8.8	185452.5	-0303.0	4544	9.4	190849.6	-0325.9	4634	9.8	192717.6	-0301.8	4724	9.8	194240.7	-0336.8
4455	9.7	185503.6	-0335.5	4545	9.5	190853.4	-0344.8	4635	9.2	192722.5	-0301.8	4725	9.6	194246.0	-0318.3
4456	9.7	185504.5	-0338.9	4546	9.1	190925.7	-0315.0	4636	9.7	192725.9	-0302.7	4726	9.5	194257.7	-0329.6
4457	9.2	185506.9	-0333.3	4547	10.	190929.9	-0352.8	4637	9.5	192736.8	-0329.7	4727	9.4	194302.1	-0309.2
4458	9.1	185507.7	-0357.1	4548	8.7	190933.8	-0338.0	4638	9.5	192738.2	-0314.8	4728	8.7	194316.4	-0301.0
4459	9.1	185514.5	-0315.1	4549	9.2	190950.6	-0333.9	4639	9.4	192756.7	-0357.1	4729	9.5	194317.5	-0357.9

4730	8.3	194325.1	-0313.2	4820	9.0	200621.4	-0355.5	4910	9.4	202107.1	-0324.5	5000	9.6	203633.7	-0317.2
4731	9.4	194404.0	-0306.0	4821	9.5	200707.7	-0307.9	4911	9.6	202112.7	-0304.1	5001	9.3	203727.5	-0338.6
4732	9.4	194420.2	-0327.5	4822	9.6	200711.8	-0328.9	4912	9.2	202118.5	-0353.2	5002	9.5	203729.4	-0308.4
4733	9.9	194437.1	-0312.6	4823	9.6	200712.5	-0335.7	4913	9.5	202119.9	-0301.1	5003	9.6	203732.0	-0320.9
4734	9.2	194439.8	-0300.3	4824	8.8	200734.4	-0356.4	4914	9.7	202137.5	-0333.8	5004	9.6	203736.3	-0354.0
4735	9.5	194445.0	-0300.3	4825	7.0	200735.1	-0356.2	4915	9.8	202150.6	-0305.1	5005	9.7	203759.5	-0340.1
4736	9.3	194455.5	-0331.3	4826	10.	200736.9	-0309.3	4916	9.8	202157.5	-0309.6	5006	9.5	203802.0	-0333.0
4737	9.8	194458.6	-0327.7	4827	9.8	200737.6	-0316.9	4917	9.4	202201.0	-0319.8	5007	8.8	203811.1	-0353.5
4738	9.5	194507.6	-0310.5	4828	8.5	200749.0	-0310.1	4918	5.5	202203.9	-0321.9	5008	9.3	203818.7	-0335.7
4739	9.5	194512.2	-0339.7	4829	9.6	200752.6	-0316.5	4919	9.8	202208.8	-0347.7	5009	8.9	203819.2	-0341.2
4740	9.8	194519.1	-0328.6	4830	9.0	200800.8	-0325.4	4920	9.5	202210.9	-0341.6	5010	9.5	203838.9	-0338.2
4741	9.2	194536.3	-0327.3	4831	9.5	200802.5	-0357.5	4921	9.5	202211.3	-0350.5	5011	9.5	203852.8	-0309.9
4742	6.2	194543.0	-0329.2	4832	9.6	200807.3	-0311.7	4922	9.5	202219.5	-0357.7	5012	9.8	203905.6	-0353.2
4743	9.5	194548.7	-0314.9	4833	9.3	200812.8	-0325.0	4923	8.5	202223.4	-0339.6	5013	9.0	203911.3	-0310.7
4744	8.7	194556.8	-0304.8	4834	9.0	200825.7	-0308.6	4924	9.1	202227.2	-0303.3	5014	9.1	203912.4	-0352.6
4745	9.5	194659.1	-0306.7	4835	9.5	200840.4	-0353.0	4925	9.0	202244.5	-0357.2	5015	9.4	203913.4	-0325.7
4746	9.5	194706.1	-0334.5	4836	9.5	200857.9	-0315.5	4926	9.3	202247.8	-0357.2	5016	9.5	203915.9	-0305.4
4747	9.6	194726.6	-0330.8	4837	9.5	200910.0	-0312.6	4927	9.9	202324.3	-0330.2	5017	8.0	203916.7	-0314.3
4748	9.5	194743.5	-0306.5	4838	7.2	200914.4	-0355.6	4928	8.5	202332.8	-0304.3	5018	6.8	203930.8	-0300.6
4749	9.2	194757.6	-0306.5	4839	9.5	200932.0	-0301.8	4929	9.3	202337.0	-0357.1	5019	10.	203957.1	-0355.1
4750	9.2	194818.2	-0320.4	4840	8.8	200940.3	-0336.4	4930	8.2	202419.0	-0355.8	5020	9.8	204017.2	-0334.6
4751	8.3	194908.0	-0322.6	4841	8.5	201042.2	-0316.4	4931	9.5	202427.5	-0358.0	5021	9.4	204027.7	-0342.6
4752	9.4	194914.0	-0324.7	4842	9.1	201049.1	-0312.0	4932	9.6	202433.5	-0328.0	5022	8.7	204032.6	-0333.8
4753	9.1	194933.2	-0343.0	4843	9.5	201057.8	-0315.5	4933	8.7	202435.2	-0304.1	5023	9.0	204037.8	-0309.7
4754	9.4	194944.1	-0306.8	4844	9.3	201104.2	-0310.3	4934	9.3	202444.9	-0322.4	5024	9.7	204042.8	-0347.9
4755	9.5	195034.5	-0337.8	4845	9.6	201124.7	-0315.8	4935	9.5	202508.4	-0320.2	5025	9.4	204043.1	-0352.9
4756	9.5	195042.6	-0351.9	4846	9.7	201126.3	-0324.7	4936	9.9	202516.4	-0351.5	5026	9.7	204058.4	-0356.1
4757	6.8	195055.5	-0356.4	4847	9.4	201141.4	-0359.4	4937	9.1	202516.7	-0309.2	5027	9.6	204111.7	-0342.7
4758	9.3	195107.9	-0303.6	4848	8.3	201151.2	-0334.8	4938	9.3	202529.0	-0342.5	5028	9.3	204135.5	-0334.0
4759	9.0	195111.2	-0337.9	4849	9.0	201202.4	-0353.0	4939	9.1	202549.3	-0313.7	5029	9.9	204135.5	-0326.6
4760	10.	195113.4	-0316.1	4850	9.2	201218.8	-0329.2	4940	8.3	202550.5	-0350.8	5030	9.4	204148.3	-0304.6
4761	10.	195118.2	-0324.9	4851	9.3	201229.3	-0336.3	4941	9.3	202551.0	-0348.5	5031	9.6	204149.8	-0332.6
4762	9.2	195120.3	-0327.9	4852	10.	201238.5	-0335.2	4942	10.	202552.4	-0354.6	5032	9.7	204151.7	-0328.1
4763	9.5	195219.1	-0325.0	4853	9.5	201304.1	-0333.7	4943	9.8	202616.4	-0323.7	5033	9.5	204153.8	-0306.3
4764	9.6	195245.2	-0339.7	4854	9.5	201314.0	-0357.5	4944	9.3	202623.0	-0358.0	5034	9.3	204207.1	-0348.2
4765	9.6	195318.2	-0353.3	4855	9.5	201324.3	-0336.5	4945	8.8	202639.0	-0352.8	5035	9.3	204208.6	-0313.8
4766	9.3	195320.6	-0307.2	4856	9.0	201327.7	-0317.0	4946	8.7	202640.9	-0333.6	5036	9.6	204229.7	-0336.6
4767	9.7	195352.2	-0349.8	4857	9.2	201330.0	-0359.2	4947	9.8	202653.0	-0353.3	5037	9.5	204231.4	-0330.1
4768	9.5	195405.6	-0334.8	4858	9.5	201334.9	-0353.0	4948	9.0	202657.7	-0354.3	5038	9.0	204234.0	-0310.9
4769	9.3	195412.7	-0354.9	4859	9.3	201348.7	-0347.3	4949	8.7	202705.2	-0359.9	5039	10.	204239.9	-0339.7
4770	9.2	195500.8	-0347.8	4860	8.9	201353.4	-0351.4	4950	9.1	202711.8	-0311.2	5040	9.7	204245.7	-0347.1
4771	7.3	195501.8	-0344.0	4861	9.4	201358.3	-0316.0	4951	9.5	202714.3	-0301.3	5041	9.2	204252.2	-0325.7
4772	9.3	195526.9	-0355.8	4862	9.5	201405.6	-0318.5	4952	9.8	202732.4	-0341.9	5042	9.1	204309.4	-0342.5
4773	8.8	195603.3	-0346.7	4863	9.5	201408.8	-0357.0	4953	8.9	202752.9	-0342.0	5043	9.0	204315.7	-0353.5
4774	9.1	195605.3	-0350.5	4864	9.5	201420.4	-0339.9	4954	9.7	202801.9	-0346.0	5044	9.1	204316.1	-0317.7
4775	9.3	195636.2	-0339.8	4865	9.1	201438.8	-0331.4	4955	8.4	202806.2	-0348.7	5045	9.4	204323.2	-0303.4
4776	9.1	195645.7	-0312.7	4866	9.0	201440.4	-0348.8	4956	9.5	202820.0	-0353.0	5046	9.4	204333.7	-0352.2
4777	9.2	195715.5	-0334.1	4867	9.2	201456.2	-0305.9	4957	9.3	202830.8	-0340.8	5047	9.2	204410.8	-0319.6
4778	9.1	195715.7	-0303.6	4868	9.5	201506.9	-0345.8	4958	9.2	202849.6	-0328.4	5048	8.0	204446.9	-0345.5
4779	9.5	195759.3	-0332.5	4869	9.0	201507.8	-0326.1	4959	9.4	202855.9	-0344.3	5049	9.8	204454.7	-0331.4
4780	9.1	195805.6	-0308.5	4870	9.2	201517.7	-0308.0	4960	9.6	202856.7	-0335.4	5050	9.8	204459.8	-0350.5
4781	9.0	195813.3	-0346.6	4871	9.2	201519.4	-0341.6	4961	5.4	202910.6	-0302.4	5051	9.8	204510.4	-0301.0
4782	9.6	195828.4	-0328.9	4872	9.5	201524.3	-0340.8	4962	9.5	202915.6	-0334.1	5052	9.8	204518.4	-0345.1
4783	9.1	195829.2	-0332.4	4873	8.8	201525.8	-0313.6	4963	9.8	202925.4	-0335.8	5053	9.8	204537.8	-0312.8
4784	9.3	195831.7	-0311.6	4874	9.6	201528.6	-0301.6	4964	9.8	202948.0	-0337.7	5054	10.	204551.3	-0321.9
4785	9.7	195920.0	-0338.0	4875	9.2	201545.5	-0357.5	4965	9.5	203000.8	-0324.9	5055	8.8	204555.2	-0343.0
4786	9.0	195928.9	-0315.7	4876	9.2	201601.9	-0343.4	4966	9.6	203022.4	-0317.0	5056	9.5	204605.9	-0324.9
4787	9.1	195952.1	-0341.3	4877	9.5	201602.1	-0326.7	4967	9.5	203027.3	-0307.6	5057	8.8	204615.0	-0304.2
4788	8.3	200042.6	-0348.6	4878	9.5	201622.0	-0354.0	4968	9.4	203030.1	-0353.0	5058	9.5	204619.7	-0356.1
4789	9.8	200043.7	-0316.8	4879	9.0	201632.8	-0342.2	4969	8.5	203035.9	-0316.6	5059	9.8	204635.8	-0317.5
4790	9.0	200050.3	-0322.2	4880	9.9	201643.7	-0326.1	4970	9.8	203045.0	-0307.4	5060	9.4	204636.4	-0345.2
4791	9.5	200108.6	-0359.3	4881	9.2	201715.9	-0321.6	4971	8.3	203046.5	-0342.3	5061	9.5	204636.5	-0349.7
4792	8.8	200145.8	-0341.5	4882	8.5	201735.4	-0353.4	4972	9.8	203048.9	-0335.4	5062	9.2	204645.8	-0312.4
4793	7.9	200145.8	-0300.9	4883	9.5	201738.5	-0359.6	4973	9.0	203049.8	-0330.7	5063	9.5	204655.2	-0334.2
4794	8.4	200148.7	-0322.3	4884	9.5	201740.2	-0304.8	4974	10.	203121.5	-0347.5	5064	9.5	204702.9	-0327.4
4795	9.5	200154.1	-0306.0	4885	8.9	201757.7	-0303.9	4975	9.5	203132.6	-0326.2	5065	9.3	204733.8	-0312.5
4796	9.7	200204.6	-0316.6	4886	9.8	201758.9	-0308.9	4976	9.3	203201.3	-0309.5	5066	9.2	204739.5	-0333.5
4797	9.2	200208.1	-0332.8	4887	9.4	201800.8	-0344.4	4977	9.6	203201.9	-0330.8	5067	10.	204804.4	-0359.5
4798	9.5	200210.5	-0313.4	4888	6.3	201807.7	-0315.5	4978	9.4	203208.7	-0326.9	5068	9.7	204805.8	-0354.3
4799	9.5	200211.0	-0314.9	4889	9.5	201820.4	-0347.3	4979	9.5	203215.3	-0328.4	5069	9.6	204811.2	-0319.7
4800	9.7	200233.9	-0323.1	4890	8.5	201826.9	-0354.8	4980	9.4	203222.2	-0321.1	5070	9.7	204821.9	-0319.6
4801	9.6	200241.5	-0340.4	4891	9.3	201835.2	-0326.2	4981	7.0	203239.4	-0309.5	5071	9.4	204834.7	-0344.0
4802	8.8	200257.2	-0333.5	4892	9.0	201840.0	-0358.2	4982	9.5	203246.4	-0359.6	5072	9.1	204846.8	-0329.4
4803	8.7	200312.1	-0307.1	4893	9.5	201844.5	-0356.2	4983	9.5	203319.1	-0353.9	5073	9.6	204913.2	-0344.3
4804	8.3	200316.8	-0355.4	4894	9.2	201848.2	-0309.0	4984	9.0	203338.2	-0311.5	5074	9.5	204923.0	-0314.8
4805	9.6	200321.8	-0308.9	4895	9.4	201850.3	-0327.7	4985	9.5	203409.5	-0341.1	5075	9.3	204945.4	-0308.5
4806	9.3	200334.9	-0355.4	4896	9.3	201915.4	-0344.4	4986	9.5	203413.7	-0335.4	5076	8.5	204955.2	-0347.5
4807	9.5	200357.2	-0332.6	4897	9.5	201914.2	-0355.8	4987	8.0	203413.9	-0354.7	5077	9.4	205011.1	-0355.8
4808	9.5	200358.9	-0301.3	4898	9.3	201919.9	-0321.6	4988	9.4	203436.6	-0353.4	5078	9.4	205018.7	-0358.6
4809	9.5	200405.4	-0354.8	4899	9.3	201923.9	-0343.1	4989	9.4	203451.9	-0353.8	5079	8.8	205027.4	-0301.1
4810	10.	200406.3	-0301.9	4900	8.7	201930.7	-0325.8	4990	9.4	203458.1	-0304.1	5080	9.0	205036.4	-0340.8
4811	9.7	200422.2	-0311.5	4901	8.4	201954.1	-0351.6	4991	9.7	203506.7	-0304.8	5081	9.5	205047.8	-0317.1
4812	9.7	200435.5	-0315.2	4902	9.8	201959.6	-0336.6	4992	9.5	203512.4	-0315.2	5082	9.8	205102.3	-0322.8
4813	9.9	200448.8	-0349.9	4903	9.4	202021.0	-0346.2	4993	9.6	203529.6	-0352.2	5083	9.8	205107.9	-0307.0
4814	10.	200449.1	-0322.6	4904	9.2	202030.2	-0303.9	4994	10.	203533.5	-0326.8	5084	7.8	205115.2	-0352.6
4815	9.6	200453.1	-0334.7	4905	9.0	202042.2	-0350.5	4995	9.0	203549.1	-0300.2	5085	9.2	205136.9	-0318.9
4816	9.5	200501.7	-0303.0	4906	6.4	202049.0	-0349.7	4996	9.1	203549.9	-0312.9	5086	10.	205156.8	-0344.5
4817	6.5	200512.4	-0325.3	4907	9.2	202050.1	-0352.0	4997	9.5	203558.1	-0357.4	5087	8.9	205245.9	-0322.3
4818	9.2	200537.3	-0341.6	4908	9.7	202056.0	-0319.2	4998	9.4	203614.0	-0344.9	5088	9.8	205247.1	-0311.1
4819	10.	200612.2	-0340.0	4909	9.8	202056.1	-0322.6	4999	9.8	203633.0	-0324.1	5089	9.5	205323.8	-0330.8

5090	9.0	205335.5	-0335.9	5180	9.8	211330.8	-0336.0	5270	9.4	213217.0	-0329.0	5360	8.8	215351.3	-0354.5
5091	9.5	205337.3	-0306.1	5181	9.3	211332.8	-0340.7	5271	9.5	213249.0	-0300.3	5361	8.8	215403.1	-0309.9
5092	8.0	205349.8	-0304.9	5182	9.2	211337.8	-0339.0	5272	7.8	213300.1	-0309.9	5362	9.2	215414.5	-0303.1
5093	9.5	205415.3	-0352.3	5183	9.3	211351.3	-0346.5	5273	9.6	213317.0	-0303.4	5363	8.3	215519.7	-0310.6
5094	9.5	205422.4	-0317.8	5184	8.6	211412.9	-0348.9	5274	10.	213345.0	-0309.6	5364	9.8	215520.2	-0342.9
5095	9.1	205433.7	-0305.7	5185	9.3	211417.0	-0319.8	5275	9.9	213353.0	-0306.2	5365	8.5	215601.7	-0346.2
5096	9.6	205448.8	-0355.8	5186	9.6	211448.5	-0331.2	5276	9.8	213354.4	-0327.1	5366	9.5	215615.1	-0311.4
5097	9.2	205455.4	-0303.9	5187	9.1	211452.4	-0340.4	5277	9.9	213440.1	-0322.4	5367	8.8	215619.2	-0330.2
5098	9.3	205506.9	-0336.5	5188	7.0	211455.3	-0344.4	5278	9.7	213440.8	-0329.5	5368	9.5	215637.8	-0315.9
5099	9.4	205533.2	-0351.2	5189	9.5	211455.5	-0311.6	5279	9.2	213456.5	-0305.2	5369	9.7	215701.2	-0332.3
5100	9.5	205537.9	-0323.7	5190	9.4	211511.6	-0332.7	5280	9.6	213501.1	-0357.4	5370	9.8	215716.1	-0300.7
5101	8.0	205551.8	-0308.6	5191	9.0	211515.4	-0312.0	5281	8.8	213515.0	-0337.3	5371	8.8	215731.2	-0334.7
5102	9.3	205604.2	-0331.8	5192	9.1	211519.0	-0309.0	5282	9.5	213518.6	-0347.4	5372	8.3	215733.3	-0354.8
5103	9.9	205615.2	-0332.1	5193	9.8	211549.8	-0333.1	5283	8.5	213522.7	-0304.7	5373	9.7	215749.3	-0304.4
5104	9.5	205621.4	-0351.9	5194	9.8	211558.0	-0323.4	5284	9.3	213525.4	-0311.3	5374	9.5	215755.4	-0306.8
5105	9.5	205640.3	-0356.9	5195	9.6	211608.5	-0314.8	5285	8.9	213526.8	-0329.9	5375	8.2	215830.6	-0348.7
5106	9.8	205641.2	-0328.5	5196	9.4	211624.5	-0359.2	5286	9.5	213528.1	-0345.5	5376	8.8	215851.5	-0311.1
5107	9.7	205646.4	-0304.9	5197	9.5	211702.4	-0351.2	5287	9.4	213540.5	-0342.0	5377	9.4	215859.2	-0344.2
5108	9.1	205701.0	-0301.7	5198	9.8	211710.2	-0324.6	5288	9.5	213600.0	-0344.2	5378	9.0	215915.3	-0350.9
5109	9.1	205701.8	-0339.8	5199	9.7	211721.9	-0349.2	5289	9.8	213606.1	-0354.2	5379	10.	215956.2	-0321.1
5110	9.2	205708.0	-0308.0	5200	9.8	211723.0	-0353.9	5290	9.7	213619.3	-0324.8	5380	9.9	220006.3	-0342.9
5111	9.5	205711.9	-0334.9	5201	9.8	211735.7	-0331.0	5291	9.4	213638.6	-0353.3	5381	10.	220010.1	-0302.4
5112	9.4	205713.8	-0340.7	5202	9.5	211751.4	-0346.6	5292	9.5	213658.3	-0350.7	5382	9.0	220011.6	-0303.9
5113	9.5	205727.7	-0305.6	5203	9.5	211839.5	-0329.3	5293	9.5	213658.3	-0325.0	5383	10.	220012.3	-0316.0
5114	9.8	205736.0	-0300.4	5204	9.6	211847.0	-0353.1	5294	8.5	213714.4	-0358.9	5384	9.8	220013.8	-0343.8
5115	10.	205758.4	-0331.3	5205	9.4	211853.8	-0325.8	5295	9.8	213727.8	-0310.9	5385	9.4	220015.4	-0349.0
5116	9.1	205804.0	-0302.0	5206	8.3	211857.3	-0336.6	5296	8.0	213755.9	-0337.1	5386	9.4	220050.4	-0356.2
5117	9.9	205823.4	-0331.6	5207	9.1	211858.5	-0356.1	5297	9.8	213804.7	-0312.5	5387	9.5	220119.7	-0301.2
5118	9.5	205829.8	-0346.5	5208	8.8	211917.9	-0321.5	5298	8.9	213858.6	-0305.2	5388	9.4	220149.2	-0347.7
5119	9.8	205858.8	-0355.5	5209	9.3	211920.5	-0326.2	5299	9.4	213920.0	-0305.5	5389	9.8	220207.5	-0310.7
5120	9.7	205916.8	-0314.6	5210	9.4	211928.3	-0338.2	5300	9.2	213939.3	-0326.1	5390	9.5	220256.7	-0333.3
5121	9.0	205919.6	-0320.6	5211	8.1	211952.1	-0323.4	5301	9.8	214003.2	-0315.1	5391	9.5	220257.5	-0313.4
5122	10.	205936.2	-0310.2	5212	9.7	211954.8	-0312.4	5302	9.4	214014.1	-0349.3	5392	9.5	220315.3	-0340.9
5123	8.6	210107.1	-0319.2	5213	8.7	212020.9	-0346.5	5303	9.6	214053.0	-0345.2	5393	9.8	220321.5	-0330.9
5124	9.5	210110.5	-0339.9	5214	8.5	212022.8	-0303.5	5304	9.6	214053.8	-0320.1	5394	8.7	220406.3	-0338.8
5125	9.6	210121.6	-0322.2	5215	9.5	212027.5	-0345.0	5305	9.5	214109.5	-0337.1	5395	9.5	220422.2	-0332.5
5126	9.6	210122.4	-0311.6	5216	7.8	212047.4	-0314.1	5306	10.	214125.0	-0350.9	5396	9.6	220437.4	-0325.1
5127	9.1	210123.9	-0339.7	5217	7.3	212048.4	-0330.4	5307	9.8	214246.6	-0330.2	5397	9.6	220444.3	-0340.0
5128	9.4	210132.9	-0345.6	5218	9.5	212108.0	-0355.6	5308	9.1	214308.3	-0352.4	5398	9.1	220452.5	-0322.3
5129	9.8	210157.1	-0333.5	5219	9.4	212137.5	-0322.9	5309	10.	214320.0	-0305.2	5399	9.3	220455.9	-0301.0
5130	9.8	210212.1	-0307.0	5220	9.5	212140.9	-0353.9	5310	9.5	214351.7	-0344.7	5400	9.5	220525.8	-0312.5
5131	9.8	210215.7	-0307.9	5221	9.5	212146.8	-0335.7	5311	9.7	214355.8	-0324.3	5401	9.8	220528.7	-0350.4
5132	9.8	210223.2	-0336.4	5222	9.0	212149.4	-0350.7	5312	9.5	214356.1	-0303.9	5402	9.4	220539.5	-0356.7
5133	9.6	210225.1	-0338.3	5223	9.5	212156.0	-0320.9	5313	9.5	214412.9	-0325.9	5403	9.0	220547.6	-0326.8
5134	10.	210226.6	-0339.5	5224	9.8	212225.5	-0306.3	5314	9.5	214424.8	-0303.7	5404	9.5	220600.9	-0320.4
5135	9.3	210233.0	-0322.6	5225	9.5	212239.9	-0340.7	5315	9.9	214440.5	-0308.4	5405	9.9	220609.9	-0350.5
5136	8.8	210241.8	-0352.7	5226	9.0	212240.4	-0325.8	5316	7.0	214448.7	-0350.6	5406	9.5	220618.8	-0327.9
5137	9.8	210330.9	-0309.1	5227	9.5	212241.2	-0342.2	5317	9.0	214454.9	-0308.5	5407	9.5	220632.5	-0338.6
5138	8.5	210353.8	-0359.6	5228	9.3	212257.9	-0334.6	5318	10.	214508.4	-0314.6	5408	9.2	220705.4	-0313.8
5139	9.4	210400.2	-0330.2	5229	9.9	212311.7	-0358.0	5319	9.5	214512.2	-0340.1	5409	9.5	220710.2	-0306.4
5140	7.4	210402.2	-0342.1	5230	9.4	212316.6	-0310.6	5320	9.9	214515.4	-0307.9	5410	9.5	220713.6	-0332.7
5141	8.5	210415.9	-0311.3	5231	9.0	212336.9	-0339.7	5321	9.6	214516.9	-0310.1	5411	9.5	220759.3	-0342.9
5142	9.5	210420.0	-0318.2	5232	9.2	212400.9	-0342.8	5322	9.9	214554.4	-0309.8	5412	9.0	220816.8	-0309.4
5143	9.2	210422.2	-0328.0	5233	10.	212440.4	-0339.3	5323	9.8	214616.3	-0346.0	5413	8.3	220826.9	-0327.7
5144	9.6	210423.6	-0342.6	5234	9.2	212443.5	-0323.1	5324	9.1	214617.0	-0351.4	5414	9.2	220829.5	-0337.1
5145	9.5	210440.9	-0313.2	5235	9.1	212445.0	-0353.4	5325	9.4	214617.8	-0348.8	5415	8.8	220902.7	-0336.1
5146	9.6	210446.0	-0342.2	5236	9.1	212448.4	-0332.3	5326	9.4	214636.2	-0328.8	5416	9.6	220915.8	-0309.2
5147	10.	210457.4	-0302.8	5237	8.8	212459.2	-0341.5	5327	9.4	214647.2	-0312.6	5417	9.8	220936.4	-0348.9
5148	10.	210500.4	-0359.7	5238	9.5	212528.4	-0305.7	5328	9.4	214656.5	-0324.7	5418	9.6	220936.9	-0301.4
5149	9.7	210508.7	-0318.0	5239	8.8	212533.5	-0349.9	5329	6.5	214702.9	-0359.0	5419	9.8	220940.3	-0336.5
5150	10.	210528.3	-0351.7	5240	9.5	212536.4	-0338.9	5330	10.	214703.6	-0359.4	5420	8.5	220944.1	-0343.6
5151	9.9	210536.6	-0330.2	5241	9.5	212554.5	-0319.4	5331	7.9	214703.7	-0340.3	5421	9.7	221010.4	-0356.8
5152	10.	210557.9	-0314.0	5242	9.8	212558.4	-0308.7	5332	9.6	214744.8	-0305.5	5422	9.0	221019.7	-0302.7
5153	9.6	210608.8	-0348.8	5243	9.8	212612.0	-0358.1	5333	9.0	214748.3	-0344.1	5423	9.0	221032.3	-0352.7
5154	9.6	210611.8	-0356.8	5244	8.7	212613.9	-0300.4	5334	9.5	214759.0	-0326.5	5424	9.8	221058.6	-0327.1
5155	8.3	210631.7	-0320.9	5245	9.8	212633.5	-0349.0	5335	8.7	214801.5	-0343.2	5425	9.6	221120.7	-0331.1
5156	9.1	210653.8	-0357.6	5246	10.	212625.1	-0323.7	5336	9.5	214801.7	-0358.6	5426	9.5	221134.4	-0322.0
5157	9.8	210659.7	-0312.1	5247	9.9	212649.4	-0306.4	5337	8.8	214811.6	-0327.6	5427	9.5	221147.2	-0356.8
5158	9.5	210720.7	-0338.6	5248	9.4	212721.0	-0309.3	5338	8.2	214811.9	-0319.2	5428	9.4	221202.6	-0332.4
5159	9.3	210728.1	-0329.6	5249	9.6	212723.0	-0355.6	5339	9.2	214903.7	-0341.9	5429	9.5	221211.7	-0301.8
5160	7.0	210731.4	-0310.1	5250	9.4	212729.5	-0319.8	5340	9.6	214919.3	-0326.8	5430	9.8	221231.0	-0331.2
5161	9.7	210755.8	-0348.6	5251	9.5	212744.7	-0328.0	5341	9.3	214929.5	-0318.4	5431	9.3	221310.1	-0344.1
5162	8.7	210804.9	-0308.2	5252	9.5	212829.5	-0324.9	5342	9.5	214948.5	-0324.7	5432	9.9	221432.1	-0347.5
5163	9.5	210830.3	-0350.4	5253	9.5	212847.5	-0325.3	5343	9.5	215005.9	-0331.6	5433	8.8	221432.4	-0300.4
5164	9.6	210852.0	-0315.5	5254	9.5	212858.1	-0330.0	5344	9.7	215011.1	-0310.6	5434	9.8	221443.3	-0344.7
5165	9.6	210940.6	-0325.4	5255	9.5	212900.5	-0342.9	5345	9.7	215011.5	-0314.1	5435	9.0	221453.3	-0310.6
5166	9.5	210947.9	-0321.1	5256	8.9	212909.9	-0315.2	5346	9.3	215015.7	-0309.0	5436	9.8	221525.0	-0352.8
5167	9.7	210959.1	-0342.3	5257	9.1	212917.6	-0359.9	5347	9.6	215031.8	-0332.2	5437	9.0	221529.6	-0318.8
5168	9.5	211024.3	-0337.7	5258	9.4	212952.6	-0339.5	5348	9.4	215031.8	-0351.1	5438	7.7	221603.7	-0301.8
5169	9.4	211035.6	-0349.8	5259	9.6	213008.0	-0352.2	5349	9.9	215038.6	-0327.3	5439	9.8	221619.5	-0350.1
5170	9.5	211051.8	-0338.1	5260	9.8	213018.2	-0328.0	5350	9.8	215043.6	-0333.6	5440	8.3	221622.3	-0329.5
5171	9.4	211101.5	-0321.3	5261	9.3	213035.1	-0326.1	5351	8.4	215047.5	-0326.5	5441	9.8	221622.6	-0354.1
5172	8.5	211103.8	-0344.4	5262	9.3	213037.4	-0300.8	5352	9.5	215114.9	-0314.0	5442	9.5	221708.9	-0339.2
5173	9.6	211123.5	-0318.1	5263	9.2	213044.7	-0334.6	5353	8.7	215215.0	-0341.1	5443	7.2	221844.8	-0331.1
5174	9.6	211145.5	-0331.6	5264	9.5	213046.0	-0301.7	5354	9.8	215220.7	-0300.7	5444	9.8	221902.3	-0306.8
5175	9.8	211151.6	-0341.5	5265	9.5	213047.6	-0315.5	5355	9.5	215244.3	-0313.0	5445	9.9	221924.3	-0302.7
5176	8.2	211208.8	-0329.1	5266	9.5	213049.1	-0356.2	5356	9.5	215258.3	-0347.7	5446	10.	222000.5	-0323.6
5177	9.4	211235.9	-0334.9	5267	9.3	213057.1	-0308.1	5357	9.1	215305.5	-0326.0	5447	9.4	222010.5	-0337.4
5178	9.2	211302.3	-0335.1	5268	9.0	213124.6	-0309.6	5358	9.4	215308.4	-0323.0	5448	9.6	222017.0	-0330.3
5179	9.8	211303.7	-0307.5	5269	9.6	213143.1	-0316.8	5359	9.7	215340.4	-0315.1	5449	10.	222022.1	-0319.5

5450	8.5	222117.4	-0309.8	5540	9.8	225054.5	-0313.7	[illegible]				5630	8.9	232508.9	-0310.3
5451	9.5	222119.4	-0304.2	5541	9.8	225106.1	-0311.[illegible]	[illegible]				5631	9.5	232519.3	-0358.8
5452	8.3	222150.9	-0357.9	5542	9.8	225124.8	-0301.[illegible]	[illegible]				5632	9.3	232522.9	-0325.9
5453	9.3	222157.7	-0328.6	5543	9.3	225147.4	-0302.8	[illegible]				5633	6.0	232529.2	-0357.5
5454	9.9	222219.3	-0308.6	5544	8.2	225200.1	-0334.4	[illegible]				5634	9.4	232542.4	-0323.2
5455	9.5	222250.8	-0303.7	5545	7.8	225220.5	-0315.1	[illegible]				5635	9.5	232548.0	-0311.2
5456	9.7	222251.7	-0309.3	5546	9.1	225230.6	-0338.9	[illegible]				5636	10.	232621.0	-0309.0
5457	9.8	222315.1	-0333.2	5547	9.5	225257.6	-0334.5	[illegible]				5637	9.1	232630.8	-0301.7
5458	9.6	222339.9	-0302.9	5548	9.5	225301.6	-0320.[illegible]	[illegible]				5638	8.5	232705.6	-0347.1
5459	9.5	222345.0	-0315.6	5549	9.2	225244.1	-0308.3	[illegible]				5639	9.6	232720.8	-0352.5
5460	6.3	222348.2	-0339.4	5550	9.3	225308.7	-0314.7	[illegible]				5730	9.5	234734.8	-0312.5
5461	9.9	222404.6	-0351.8	5551	9.4	225342.6	-0336.5	[illegible]				5731	9.1	234805.9	-0303.2
5462	9.8	222447.0	-0343.3	5552	8.8	225408.5	-0324.7	[illegible]				5732	9.5	234828.7	-0345.5
5463	9.8	222455.3	-0332.2	5553	7.8	225427.5	-0327.6	[illegible]				5733	9.5	234840.4	-0343.0
5464	9.1	222518.9	-0341.4	5554	9.3	225427.8	-0345.6	[illegible]				5734	8.8	234843.6	-0328.9
5465	10.	222551.5	-0333.5	5555	9.4	225502.9	-0359.3	[illegible]				5735	8.7	234847.2	-0347.0
5466	9.5	222613.0	-0327.5	5556	9.8	225513.7	-0301.9	[illegible]				5736	8.8	234852.8	-0325.4
5467	9.6	222635.9	-0316.7	5557	9.0	225515.5	-0314.5	[illegible]				5737	9.5	234902.3	-0357.2
5468	9.1	222715.4	-0339.9	5558	9.9	225536.1	-0321.5	[illegible]				5738	8.[illegible]	[illegible]	-0310.5
5469	9.6	222716.6	-0328.3	5559	9.0	225606.5	-0320.3	[illegible]				5739	9.7	234914.6	-0336.7
5470	9.6	222718.3	-0350.6	5560	9.6	225637.6	-0305.1	[illegible]				5740	10.	235020.2	-0325.0
5471	9.8	222744.3	-0330.5	5561	9.8	225647.1	-0326.0	[illegible]				5741	7.2	235029.1	-0329.9
5472	8.3	222751.3	-0300.3	5562	9.7	225700.6	-0334.3	[illegible]				5742	9.2	235050.5	-0345.4
5473	8.4	222803.4	-0341.0	5563	9.5	225727.6	-0341.8	[illegible]				5743	9.3	235051.7	-0332.7
5474	9.5	222803.8	-0334.1	5564	9.8	225817.2	-0301.1	[illegible]				5744	9.1	235303.5	-0311.6
5475	9.9	222859.2	-0359.8	5565	9.7	225828.1	-0350.3	[illegible]				5745	9.8	235316.3	-0356.4
5476	9.4	222911.2	-0359.6	5566	10.	225904.6	-0302.3	[illegible]				5746	8.8	235349.6	-0308.6
5477	10.	222913.9	-0336.9	5567	9.6	225940.2	-0308.4	[illegible]				5747	9.8	235351.8	-0358.6
5478	10.	223018.8	-0349.4	5568	9.8	230017.5	-0310.4	[illegible]				5748	9.5	235359.0	-0322.2
5479	9.3	223025.0	-0321.3	5569	9.8	230027.8	-0347.[illegible]	[illegible]				5749	[illegible]	235403.2	-0356.0
5480	9.9	223033.6	-0354.9	5570	9.8	230034.0	-0338.1	[illegible]				5750	7.2	235423.2	-0334.4
5481	8.3	223037.5	-0339.0	5571	9.2	230051.8	-0315.2	[illegible]				5751	9.2	235440.8	-0357.5
5482	8.4	223127.7	-0346.1	5572	10.	230115.0	-0356.6	[illegible]				5752	8.7	235502.0	-0343.3
5483	9.7	223128.4	-0301.1	5573	9.5	230118.4	-0356.7	[illegible]				5753	9.8	235515.3	-0350.8
5484	9.3	223133.7	-0356.2	5574	9.2	230150.2	-0336.5	[illegible]				5754	9.5	235628.6	-0322.0
5485	9.5	223154.0	-0309.9	5575	9.1	230133.8	-0319.9	[illegible]				5755	9.5	235629.6	-0350.4
5486	9.4	223036.2	-0356.0	5576	8.0	230136.8	-0314.3	[illegible]				5756	9.8	235709.2	-0317.1
5487	8.5	223408.8	-0318.4	5577	8.2	230137.2	-0302.4	[illegible]				5757	11.	235751.5	-0339.5
5488	9.1	223427.8	-0335.7	5578	10.	230157.7	-0309.9	[illegible]				5758	9.6	235853.2	-0318.7
5489	9.5	223521.6	-0348.2	5579	10.	230208.7	-0313.1	[illegible]				5759	10.	235857.2	-0334.1
5490	8.7	223526.5	-0313.0	5580	9.6	230210.4	-0351.8	[illegible]				5830	9.	000008.2	-0308.5
5491	8.2	223527.3	-0326.0	5581	9.8	230226.7	-0337.8	[illegible]				5831	8.8	000008.8	-0331.2
5492	9.6	223531.5	-0316.6	5582	9.8	230247.9	-0345.5	[illegible]				5832	9.2	000020.5	-0345.0
5493	10.	223556.8	-0357.9	5583	9.7	230255.8	-0346.5	[illegible]				5833	8.6	000021.0	-0336.5
5494	9.5	223615.4	-0306.8	5584	8.3	230409.8	-0356.2	[illegible]				1	9.5	000051.6	-0407.3
5495	9.5	223625.7	-0307.9	5585	9.4	230411.1	-0317.0	[illegible]				2	9.2	000106.6	-0429.5
5496	9.0	223635.1	-0317.3	5586	9.3	230419.9	-0302.4	[illegible]				3	9.5	000156.6	-0436.2
5497	9.4	223639.8	-0330.2	5587	10.	230422.7	-0304.7	[illegible]				4	9.2	000236.0	-0429.4
5498	9.4	223656.5	-0300.8	5588	10.	230444.9	-0346.5	[illegible]				5	9.3	000304.2	-0436.2
5499	9.4	223659.6	-0350.5	5589	9.5	230458.5	-0342.2	[illegible]				6	10.	000342.8	-0459.4
5500	9.3	223707.2	-0303.2	5590	9.3	230505.9	-0351.5	[illegible]				7	6.8	000344.0	-0407.5
5501	8.5	223735.1	-0325.1	5591	9.8	230530.0	-0342.9	[illegible]				8	10.	000408.1	-0405.9
5502	10.	223745.4	-0306.7	5592	7.1	230534.9	-0325.2	[illegible]				9	9.7	000425.0	-0436.1
5503	8.9	223750.5	-0300.8	5593	9.5	230544.9	-0333.5	[illegible]				10	9.1	000431.2	-0408.7
5504	10.	223908.0	-0334.7	5594	10.	230538.8	-0315.9	[illegible]				11	7.2	000529.8	-0411.2
5505	7.5	223942.8	-0328.8	5595	9.8	230550.7	-0313.7	[illegible]				12	7.2	000625.1	-0442.5
5506	9.3	224000.9	-0307.1	5596	9.6	230618.6	-0306.0	[illegible]				13	9.5	000641.1	-0429.0
5507	9.0	224015.4	-0335.5	5597	9.5	230631.9	-0307.9	[illegible]				14	9.6	000704.3	-0417.9
5508	9.2	224019.6	-0347.9	5598	9.5	230658.2	-0316.1	[illegible]				15	9.2	000715.2	-0443.2
5509	9.0	224023.7	-0338.9	5599	9.5	230736.9	-0345.3	[illegible]				16	9.6	000730.8	-0446.4
5510	9.0	224026.5	-0320.3	5600	9.0	230844.5	-0356.2	[illegible]				17	9.5	000802.0	-0427.7
5511	9.8	224029.2	-0359.0	5601	9.8	230850.0	-0315.9	[illegible]				18	9.5	000847.8	-0447.7
5512	9.8	224038.9	-0328.4	5602	9.4	230928.8	-0342.0	[illegible]				19	9.4	000853.5	-0445.6
5513	9.7	224137.4	-0325.0	5603	9.5	230947.7	-0306.0	[illegible]				20	10.	000911.9	-0459.9
5514	9.7	224137.6	-0322.5	5604	10.	230953.5	-0358.6	[illegible]				21	9.2	000946.1	-0404.6
5515	8.9	224215.5	-0307.5	5605	9.4	230957.1	-0335.7	[illegible]				22	9.2	001000.2	-0430.9
5516	9.1	224223.6	-0314.0	5606	9.4	231010.5	-0343.8	[illegible]				23	9.6	001016.2	-0440.1
5517	8.3	224227.6	-0335.1	5607	8.7	231036.4	-0304.8	[illegible]				24	9.5	001022.1	-0404.6
5518	8.8	224248.5	-0311.6	5608	9.5	231051.1	-0334.2	[illegible]				25	9.1	001026.4	-0410.2
5519	10.	224304.7	-0300.4	5609	9.9	231052.3	-0329.4	[illegible]				26	9.5	001054.5	-0435.4
5520	9.8	224419.7	-0334.2	5610	9.5	231057.6	-0344.3	[illegible]				27	9.8	001156.9	-0456.4
5521	7.8	224511.6	-0323.4	5611	9.4	231107.6	-0327.5	[illegible]				28	9.5	001206.8	-0406.4
5522	9.5	224539.4	-0303.7	5612	9.7	231116.5	-0308.1	[illegible]				29	8.7	001251.1	-0455.3
5523	9.2	224540.1	-0344.1	5613	10.	231123.0	-0344.2	[illegible]				30	8.4	001310.9	-0433.2
5524	9.2	224546.1	-0314.8	5614	9.	231136.7	-0325.6	[illegible]				31	9.8	001342.5	-0407.8
5525	9.3	224548.6	-0315.7	5615	10.	231138.7	-0311.5	[illegible]				32	9.4	001400.6	-0427.0
5526	8.7	224603.5	-0304.5	5616	9.5	231146.0	-0329.2	[illegible]				33	9.2	001406.1	-0434.4
5527	8.5	224649.1	-0337.2	5617	9.5	231217.7	-0343.7	[illegible]				34	9.6	001417.1	-0409.3
5528	9.5	224659.5	-0307.4	5618	9.5	231224.5	-0329.0	[illegible]				35	10.	001455.8	-0426.0
5529	9.8	224739.2	-0342.5	5619	9.0	231226.9	-0340.8	[illegible]				36	9.6	001501.8	-0434.5
5530	8.3	224809.3	-0337.0	5620	8.9	231255.8	-0327.9	[illegible]				37	9.6	001521.7	-0457.2
5531	9.5	224832.6	-0317.9	5621	9.4	231300.1	-0315.6	[illegible]				38	8.4	001541.4	-0424.4
5532	9.5	224833.6	-0343.5	5622	9.2	231255.7	-0306.5	[illegible]				39	10.	001603.1	-0445.9
5533	9.3	224931.7	-0354.8	5623	9.4	231348.0	-0346.1	[illegible]				40	7.6	001625.3	-0416.6
5534	9.0	224934.2	-0335.5	5624	9.2	231357.4	-0351.5	[illegible]				41	9.2	001715.8	-0435.7
5535	9.5	224935.0	-0304.7	5625	9.6	231412.0	-0358.7	[illegible]				42	9.2	001731.3	-0401.2
5536	8.3	224956.3	-0355.5	5626	10.	231416.0	-0301.7	[illegible]				43	8.2	001800.4	-0447.6
5537	10.	225003.0	-0315.8	5627	9.6	231424.8	-0300.4	[illegible]				44	9.2	001835.6	-0430.7
5538	8.9	225008.8	-0357.1	5628	10.	231547.9	-0303.5	[illegible]				45	9.0	001921.6	-0445.8
5539	6.3	225047.3	-0310.1	5629	9.5	231756.8	-0344.6	[illegible]				46	9.6	001947.7	-0430.4

-04 47 0h20m

-04 406 2h22m

47	9.3	02002.3	-0456.0	137	9.4	05702.8	-0431.1	227	9.7	12516.9	-0421.5	317	9.8	15358.9	-0449.6
48	9.6	02039.8	-0421.2	138	9.5	05710.6	-0444.5	228	9.6	12517.3	-0428.0	318	9.2	15413.4	-0405.5
49	10.	02104.7	-0424.4	139	9.0	05714.0	-0400.3	229	10.	12537.3	-0425.9	319	9.2	15434.5	-0413.4
50	9.2	02156.8	-0403.7	140	8.5	05801.3	-0409.6	230	9.1	12610.3	-0415.5	320	9.1	15441.8	-0431.1
51	7.4	02205.7	-0416.3	141	9.8	05840.1	-0421.7	231	9.5	12613.2	-0443.8	321	9.3	15445.5	-0423.7
52	8.9	02213.9	-0449.0	142	10.	05922.8	-0410.9	232	9.4	12623.6	-0406.0	322	9.5	15530.5	-0414.5
53	9.4	02222.5	-0411.1	143	8.8	10011.6	-0459.2	233	9.8	12631.9	-0450.8	323	9.0	15551.0	-0440.8
54	5.5	02237.9	-0445.2	144	9.1	10046.3	-0425.6	234	9.0	12709.0	-0403.5	324	6.0	15622.6	-0447.9
55	9.1	02353.9	-0445.3	145	9.5	10117.0	-0443.5	235	9.6	12714.1	-0409.8	325	9.0	15629.0	-0440.4
56	9.5	02413.0	-0412.5	146	9.5	10202.2	-0453.3	236	9.3	12726.7	-0411.4	326	9.5	15638.7	-0422.0
57	9.4	02440.8	-0411.2	147	9.5	10224.4	-0433.8	237	6.3	12730.8	-0415.9	327	9.2	15710.0	-0440.0
58	10.	02546.9	-0423.6	148	9.7	10257.1	-0420.3	238	9.7	12804.8	-0422.0	328	9.8	15721.3	-0432.8
59	7.5	02547.8	-0439.1	149	9.8	10303.0	-0441.5	239	9.7	12808.0	-0403.9	329	9.5	15742.0	-0439.1
60	8.7	02600.5	-0450.5	150	9.6	10358.9	-0437.6	240	9.9	12842.6	-0455.8	330	9.0	15752.2	-0411.9
61	9.4	02728.2	-0409.6	151	8.8	10425.6	-0412.1	241	10.	12853.2	-0441.5	331	9.5	15823.4	-0456.6
62	5.0	02747.6	-0423.2	152	9.5	10457.5	-0447.9	242	9.7	12855.9	-0415.3	332	9.0	15829.3	-0432.3
63	9.5	02816.9	-0457.4	153	8.9	10535.3	-0408.4	243	9.3	12902.0	-0402.4	333	8.9	15856.3	-0431.0
64	8.2	02933.1	-0411.8	154	9.0	10535.7	-0446.8	244	9.6	12907.3	-0449.5	334	9.8	15914.4	-0406.3
65	9.1	02934.8	-0427.6	155	10.	10539.2	-0406.2	245	9.5	12912.1	-0450.4	335	10.	15925.4	-0407.2
66	9.4	02935.6	-0446.3	156	9.8	10551.6	-0400.5	246	9.6	12936.2	-0400.7	336	9.6	15931.4	-0405.6
67	9.3	03018.5	-0428.3	157	8.5	10609.8	-0405.3	247	8.6	12940.6	-0401.5	337	9.8	15941.3	-0458.5
68	9.5	03130.2	-0453.5	158	9.0	10614.7	-0422.9	248	8.0	12952.9	-0452.6	338	7.5	15944.3	-0454.4
69	8.7	03144.7	-0458.5	159	9.3	10619.8	-0406.6	249	6.7	13031.6	-0410.7	339	10.	20021.3	-0429.8
70	8.7	03145.6	-0447.1	160	9.5	10621.7	-0404.3	250	9.2	13032.6	-0412.5	340	9.9	20034.7	-0425.3
71	9.5	03227.0	-0433.3	161	9.7	10636.4	-0457.8	251	10.	13054.7	-0405.8	341	10.	20116.6	-0416.9
72	9.5	03237.0	-0436.0	162	9.8	10651.7	-0411.3	252	9.5	13117.5	-0432.7	342	9.4	20121.1	-0457.4
73	9.5	03244.0	-0428.5	163	8.9	10656.7	-0404.5	253	9.1	13245.1	-0404.6	343	9.0	20148.5	-0407.7
74	9.0	03247.4	-0453.0	164	9.5	10704.8	-0415.2	254	10.	13328.5	-0431.3	344	9.3	20209.2	-0426.8
75	9.2	03304.8	-0457.4	165	9.4	10738.3	-0428.9	255	9.5	13331.0	-0440.7	345	9.4	20234.3	-0450.6
76	9.5	03306.4	-0409.2	166	8.9	10738.8	-0432.8	256	9.9	13428.3	-0419.7	346	9.7	20234.7	-0455.1
77	9.7	03312.8	-0458.5	167	9.6	10803.6	-0401.4	257	10.	13432.7	-0437.8	347	9.7	20303.6	-0411.3
78	9.5	03332.0	-0432.1	168	9.4	10822.0	-0408.3	258	9.3	13433.4	-0447.6	348	9.1	20304.5	-0425.6
79	9.0	03336.6	-0453.2	169	9.8	10824.1	-0449.8	259	8.3	13500.7	-0409.4	349	9.9	20308.7	-0422.0
80	9.5	03404.1	-0450.0	170	9.7	10905.8	-0408.1	260	5.3	13523.5	-0425.5	350	8.2	20315.4	-0405.8
81	9.5	03412.1	-0440.6	171	10.	10909.5	-0415.8	261	9.4	13552.0	-0455.5	351	9.8	20350.1	-0411.0
82	10.	03415.9	-0419.2	172	9.8	10936.1	-0422.5	262	9.1	13555.3	-0415.1	352	9.8	20412.9	-0428.8
83	9.0	03430.5	-0445.8	173	9.6	10957.3	-0434.6	263	9.8	13655.9	-0414.4	353	9.8	20417.5	-0421.0
84	9.5	03445.1	-0450.4	174	8.7	11003.6	-0458.8	264	8.7	13711.9	-0411.8	354	9.5	20417.8	-0436.2
85	7.5	03538.4	-0438.8	175	9.5	11025.7	-0400.1	265	10.	13739.0	-0407.0	355	9.8	20452.9	-0402.8
86	9.6	03557.7	-0411.4	176	10.	11031.3	-0434.1	266	9.8	13751.2	-0437.7	356	9.3	20458.7	-0447.2
87	9.5	03717.0	-0445.8	177	9.3	11120.2	-0453.3	267	9.5	13801.4	-0422.5	357	9.4	20509.3	-0422.8
88	9.2	03726.3	-0459.3	178	9.8	11127.1	-0403.6	268	9.6	13822.6	-0402.1	358	9.0	20601.0	-0436.9
89	9.5	03747.2	-0441.0	179	9.3	11128.3	-0457.3	269	7.8	13838.7	-0457.0	359	9.2	20607.2	-0459.4
90	9.7	03749.1	-0437.9	180	10.	11130.6	-0424.0	270	10.	13920.9	-0420.5	360	9.0	20622.8	-0427.6
91	10.	03805.0	-0419.6	181	9.2	11201.2	-0426.1	271	8.8	14032.7	-0403.3	361	8.5	20655.7	-0418.5
92	8.9	03819.9	-0429.1	182	9.3	11236.9	-0404.2	272	9.5	14050.0	-0453.6	362	9.0	20709.6	-0440.5
93	9.4	03832.3	-0426.2	183	9.1	11304.4	-0417.4	273	10.	14103.5	-0443.7	363	10.	20737.3	-0454.1
94	10.	03953.1	-0423.1	184	10.	11310.7	-0407.8	274	10.	14117.7	-0404.6	364	9.0	20818.9	-0405.9
95	8.0	04039.9	-0430.3	185	6.5	11312.8	-0400.4	275	9.4	14140.6	-0446.0	365	9.4	20833.8	-0455.9
96	9.2	04045.3	-0406.1	186	9.3	11346.2	-0425.9	276	9.8	14142.7	-0459.2	366	8.4	20839.2	-0446.1
97	9.0	04114.2	-0439.7	187	9.9	11352.9	-0435.5	277	9.1	14146.3	-0441.1	367	8.3	20848.5	-0432.5
98	10.	04114.7	-0416.0	188	9.1	11358.2	-0453.3	278	9.0	14219.5	-0427.5	368	9.9	20853.5	-0435.2
99	9.9	04145.5	-0414.7	189	8.5	11420.4	-0411.8	279	9.6	14225.7	-0401.3	369	10.	20904.0	-0412.0
100	9.1	04203.1	-0412.0	190	10.	11444.3	-0459.5	280	9.0	14240.5	-0425.4	370	9.5	20925.9	-0427.3
101	9.5	04236.5	-0404.4	191	9.6	11457.8	-0428.2	281	9.0	14243.1	-0450.9	371	9.6	21005.8	-0417.2
102	9.1	04236.7	-0448.2	192	9.8	11509.2	-0455.9	282	8.0	14310.6	-0425.2	372	9.0	21046.4	-0430.6
103	9.5	04312.6	-0456.1	193	7.8	11511.9	-0433.6	283	10.	14354.3	-0435.0	373	10.	21054.5	-0448.2
104	10.	04423.0	-0456.3	194	9.0	11524.7	-0424.4	284	10.	14405.2	-0405.8	374	8.3	21058.2	-0446.0
105	8.5	04426.2	-0452.4	195	9.6	11528.0	-0438.5	285	7.3	14408.5	-0456.3	375	8.9	21121.3	-0409.3
106	9.2	04518.6	-0404.5	196	9.2	11603.7	-0459.1	286	9.2	14430.1	-0413.4	376	9.4	21126.1	-0441.2
107	10.	04543.3	-0441.0	197	10.	11617.9	-0406.0	287	9.0	14434.2	-0423.3	377	10.	21135.2	-0444.4
108	9.6	04559.6	-0426.4	198	9.5	11618.9	-0432.5	288	9.2	14450.1	-0433.4	378	8.6	21200.8	-0447.5
109	10.	04631.4	-0451.0	199	8.8	11640.7	-0453.1	289	9.0	14457.7	-0402.7	379	8.5	21248.0	-0412.0
110	9.6	04634.0	-0459.2	200	9.8	11700.3	-0427.6	290	9.3	14500.0	-0409.5	380	9.6	21313.1	-0451.1
111	9.2	04744.2	-0437.7	201	9.8	11709.4	-0437.3	291	10.	14519.3	-0438.8	381	9.7	21322.7	-0414.4
112	8.7	04819.9	-0446.8	202	9.3	11732.3	-0420.3	292	9.8	14533.1	-0415.0	382	9.0	21338.1	-0446.0
113	10.	04834.7	-0438.1	203	8.5	11742.3	-0455.3	293	9.3	14617.9	-0416.0	383	9.9	21451.3	-0423.2
114	7.3	04839.4	-0431.3	204	10.	11816.8	-0453.6	294	9.9	14654.7	-0430.9	384	9.4	21453.0	-0432.2
115	9.3	04936.6	-0427.4	205	9.0	11819.8	-0430.2	295	9.5	14659.7	-0410.9	385	9.2	21539.0	-0434.8
116	9.8	05004.7	-0456.8	206	9.8	11829.7	-0448.0	296	9.4	14704.6	-0423.3	386	9.4	21543.9	-0420.8
117	9.2	05011.2	-0433.8	207	6.8	11831.5	-0440.8	297	10.	14709.5	-0441.7	387	9.9	21553.8	-0414.4
118	9.5	05019.9	-0403.3	208	9.4	11848.7	-0456.9	298	9.5	14803.3	-0401.7	388	9.5	21559.0	-0459.6
119	9.5	05032.4	-0444.3	209	9.8	11849.8	-0420.1	299	10.	14809.6	-0426.5	389	9.8	21606.4	-0450.4
120	9.6	05112.7	-0456.4	210	9.8	11930.7	-0425.0	300	9.5	14810.2	-0432.5	390	8.6	21621.5	-0402.0
121	9.7	05221.7	-0410.0	211	10.	12007.8	-0425.5	301	9.5	14822.6	-0414.9	391	9.3	21646.5	-0450.9
122	9.9	05231.0	-0422.8	212	9.3	12013.5	-0455.7	302	8.7	14823.6	-0451.0	392	9.8	21705.9	-0423.0
123	10.	05231.4	-0405.4	213	8.1	12034.3	-0419.6	303	7.8	14900.1	-0453.5	393	9.8	21706.6	-0431.1
124	9.3	05234.8	-0414.0	214	9.1	12113.0	-0438.0	304	9.3	14914.5	-0414.4	394	7.0	21738.9	-0433.0
125	9.9	05252.9	-0417.5	215	9.8	12154.5	-0413.1	305	9.8	14950.3	-0407.2	395	9.7	21747.8	-0404.6
126	10.	05317.6	-0423.9	216	9.0	12202.3	-0453.5	306	9.6	15012.2	-0429.4	396	8.5	21751.3	-0432.1
127	9.4	05344.5	-0448.5	217	9.4	12217.8	-0449.4	307	8.3	15036.4	-0425.1	397	10.	21759.1	-0432.4
128	9.4	05408.1	-0458.6	218	8.8	12221.3	-0451.4	308	9.0	15202.1	-0449.8	398	10.	21814.8	-0408.9
129	9.0	05421.0	-0423.2	219	9.8	12222.3	-0431.7	309	8.8	15217.5	-0413.1	399	9.8	21903.6	-0450.3
130	10.	05438.5	-0415.8	220	8.8	12226.8	-0411.9	310	9.8	15239.5	-0444.6	400	9.0	21906.8	-0432.3
131	9.2	05458.2	-0415.8	221	9.0	12227.8	-0405.1	311	7.7	15250.0	-0459.6	401	9.5	21943.9	-0405.8
132	9.2	05519.5	-0415.2	222	9.2	12237.4	-0420.2	312	7.0	15255.5	-0404.1	402	9.1	21945.4	-0410.1
133	9.4	05556.8	-0435.7	223	9.5	12254.1	-0410.5	313	9.7	15300.7	-0451.2	403	9.4	22111.1	-0452.8
134	9.0	05610.4	-0400.8	224	9.0	12353.3	-0422.9	314	8.5	15315.4	-0438.6	404	8.5	22114.4	-0405.4
135	9.3	05612.4	-0418.7	225	10.	12438.0	-0438.8	315	10.	15319.1	-0422.0	405	9.8	22209.0	-0411.6
136	9.0	05640.3	-0452.3	226	9.4	12510.8	-0438.5	316	8.7	15346.7	-0458.5	406	9.8	22225.7	-0433.8

407	9.2	22239.1	-0451.2	497	9.4	24800.0	-0434.1	587	9.3	31755.8	-0402.9
408	9.5	22319.5	-0415.0	498	9.1	24817.0	-0433.0	588	9.5	31805.7	-0454.8
409	9.5	22341.9	-0401.9	499	10.	24834.0	-0415.3	589	9.3	31824.3	-0404.6
410	9.8	22354.1	-0425.7	500	9.6	24847.3	-0453.5	590	9.2	31826.1	-0442.5
411	9.6	22402.0	-0454.6	501	9.6	24851.2	-0409.3	591	8.7	31838.3	-0435.1
412	8.3	22419.3	-0437.6	502	5.3	24920.7	-0417.8	592	9.7	31842.8	-0429.3
413	9.8	22419.3	-0404.9	503	9.3	24956.7	-0458.5	593	8.5	31858.9	-0453.0
414	9.4	22444.7	-0428.1	504	9.1	24957.2	-0442.1	594	9.6	31901.2	-0406.8
415	9.4	22454.3	-0413.9	505	9.8	25056.7	-0443.9	595	10.	31931.7	-0411.6
416	9.4	22454.5	-0448.7	506	8.0	25125.4	-0447.2	596	10.	31950.6	-0446.2
417	10.	22519.8	-0402.5	507	9.5	25132.9	-0427.8	597	9.5	31959.0	-0445.8
418	9.8	22552.3	-0429.0	508	9.9	25142.1	-0412.2	598	9.5	31959.2	-0459.1
419	9.1	22601.2	-0429.0	509	9.8	25203.9	-0455.5	599	9.8	32033.7	-0434.0
420	9.8	22605.8	-0408.6	510	9.6	25206.0	-0433.6	600	10.	32046.7	-0400.6
421	9.2	22619.5	-0410.8	511	7.8	25217.7	-0441.8	601	9.2	32055.0	-0457.7
422	9.1	22629.7	-0455.0	512	8.0	25251.1	-0415.2	602	9.4	32100.3	-0405.8
423	9.5	22643.3	-0411.9	513	9.4	25318.5	-0421.2	603	10.	32154.3	-0446.2
424	9.2	22657.6	-0453.7	514	9.8	25358.8	-0448.0	604	8.6	32159.5	-0417.9
425	9.5	22711.9	-0452.8	515	9.0	25451.4	-0427.0	605	9.3	32202.2	-0420.0
426	7.0	22803.7	-0410.9	516	9.3	25455.5	-0431.9	606	9.3	32239.7	-0449.0
427	9.5	22812.8	-0439.0	517	9.5	25459.0	-0433.0	607	9.9	32303.9	-0447.4
428	8.5	22815.9	-0405.9	518	9.8	25526.6	-0435.6	608	9.8	32320.9	-0451.9
429	9.5	22844.7	-0429.4	519	9.0	25550.4	-0402.5	609	7.8	32326.1	-0446.6
430	9.0	22849.6	-0448.5	520	8.0	25557.3	-0453.9	610	10.	32333.0	-0428.5
431	8.2	22849.7	-0454.4	521	9.8	25716.0	-0410.5	611	9.8	32357.2	-0404.1
432	9.4	22859.9	-0441.9	522	10.	25717.2	-0400.4	612	9.0	32357.6	-0420.7
433	8.3	22933.9	-0412.0	523	9.2	25736.7	-0435.9	613	7.3	32423.7	-0400.0
434	8.3	22954.8	-0432.3	524	9.5	25826.9	-0417.6	614	9.0	32423.9	-0421.1
435	9.4	23013.7	-0420.5	525	9.2	25846.5	-0422.3	615	9.6	32445.7	-0412.0
436	6.0	23023.3	-0401.7	526	9.2	30001.7	-0434.7	616	10.	32501.4	-0423.9
437	9.5	23034.2	-0426.4	527	10.	30019.5	-0457.6	617	9.1	32503.5	-0427.7
438	9.8	23040.6	-0426.4	528	9.4	30039.4	-0412.3	618	8.1	32511.5	-0451.3
439	9.2	23042.5	-0458.4	529	8.3	30111.1	-0408.7	619	8.4	32529.7	-0454.6
440	9.6	23131.8	-0429.1	530	9.5	30129.0	-0428.0	620	9.3	32557.8	-0429.6
441	9.3	23157.2	-0418.5	531	8.7	30129.7	-0414.9	621	8.4	32610.9	-0452.2
442	9.4	23201.8	-0408.2	532	9.5	30135.5	-0422.0	622	8.0	32620.7	-0429.1
443	9.5	23253.0	-0442.0	533	9.6	30158.0	-0426.7	623	9.8	32627.0	-0404.0
444	9.8	23253.2	-0411.9	534	9.4	30229.7	-0437.0	624	9.6	32721.3	-0448.5
445	9.5	23307.5	-0437.4	535	9.5	30241.7	-0436.1	625	9.5	32723.5	-0430.5
446	8.6	23320.3	-0420.3	536	9.4	30250.6	-0406.0	626	9.5	32802.3	-0444.3
447	9.4	23323.6	-0445.2	537	8.5	30307.7	-0437.1	627	10.	32808.9	-0445.8
448	9.6	23406.1	-0420.1	538	9.4	30324.5	-0458.4	628	9.5	32828.3	-0430.0
449	9.2	23419.8	-0427.5	539	9.6	30342.3	-0442.6	629	9.0	32829.8	-0451.0
450	10.	23427.4	-0443.0	540	6.4	30403.6	-0422.0	630	8.7	32830.8	-0420.7
451	9.5	23458.7	-0428.3	541	9.3	30407.5	-0424.0	631	9.1	32835.6	-0403.7
452	9.2	23522.3	-0406.1	542	9.5	30423.6	-0406.1	632	8.5	32911.6	-0407.0
453	8.9	23525.2	-0423.6	543	9.3	30452.1	-0458.4	633	9.9	32933.5	-0409.9
454	8.8	23535.1	-0456.1	544	10.	30505.2	-0456.2	634	9.7	33002.4	-0407.0
455	9.6	23538.2	-0415.5	545	9.9	30517.6	-0425.6	635	9.8	33023.3	-0425.4
456	9.2	23546.2	-0453.8	546	9.8	30525.1	-0455.3	636	8.9	33051.9	-0448.6
457	9.4	23552.1	-0446.0	547	9.4	30531.4	-0410.6	637	9.9	33101.1	-0441.5
458	10.	23619.9	-0414.1	548	9.3	30535.9	-0446.8	638	9.2	33135.9	-0410.8
459	9.5	23636.7	-0407.1	549	9.5	30536.0	-0429.9	639	9.4	33145.8	-0425.7
460	10.	23641.6	-0446.8	550	9.5	30548.0	-0402.7	640	9.0	33204.9	-0446.9
461	10.	23650.8	-0428.5	551	9.2	30614.9	-0450.6	641	9.1	33224.3	-0437.7
462	9.5	23725.4	-0449.8	552	9.8	30622.3	-0442.8	642	9.1	33225.8	-0415.8
463	9.3	23754.7	-0422.0	553	9.4	30704.1	-0428.3	643	9.4	33230.3	-0447.3
464	9.8	23848.6	-0444.1	554	9.1	30718.2	-0415.2	644	9.9	33247.8	-0434.2
465	9.4	23913.6	-0447.1	555	9.5	30732.0	-0423.7	645	9.1	33259.0	-0442.6
466	9.8	23918.5	-0437.8	556	10.	30748.5	-0420.9	646	9.9	33330.0	-0459.1
467	9.8	24007.9	-0455.5	557	10.	30811.4	-0419.3	647	8.3	33332.9	-0437.2
468	9.6	24027.5	-0458.6	558	6.8	30913.1	-0449.0	648	9.8	33459.5	-0458.5
469	9.4	24036.9	-0457.9	559	9.5	30920.0	-0459.5	649	9.6	33513.3	-0418.9
470	7.3	24056.3	-0414.1	560	7.5	30924.2	-0404.1	650	9.2	33514.0	-0419.1
471	9.5	24059.7	-0446.2	561	7.5	30955.2	-0440.1	651	9.8	33529.4	-0436.0
472	9.6	24108.1	-0404.9	562	9.5	30956.6	-0426.4	652	9.0	33532.7	-0449.7
473	9.4	24118.4	-0432.5	563	9.4	31002.9	-0443.7	653	9.2	33555.1	-0402.6
474	9.5	24130.1	-0458.6	564	9.5	31026.2	-0443.9	654	9.4	33614.7	-0425.1
475	9.3	24141.1	-0441.8	565	8.9	31102.0	-0446.2	655	8.5	33641.2	-0444.2
476	7.0	24146.7	-0449.6	566	9.7	31113.6	-0426.2	656	9.5	33657.4	-0425.3
477	9.1	24147.4	-0441.8	567	9.7	31133.3	-0436.4	657	9.6	33703.9	-0426.2
478	9.8	24221.8	-0421.9	568	9.1	31159.7	-0430.0	658	9.5	33719.8	-0419.5
479	8.7	24225.4	-0409.3	569	10.	31239.8	-0428.0	659	9.8	33741.0	-0450.5
480	10.	24226.7	-0448.7	570	8.5	31324.1	-0452.7	660	9.8	33813.9	-0444.5
481	9.1	24403.0	-0401.6	571	9.0	31335.8	-0450.5	661	9.5	33817.8	-0420.3
482	9.5	24406.2	-0444.9	572	9.3	31410.9	-0414.7	662	9.5	33842.3	-0419.9
483	9.0	24431.3	-0403.9	573	9.4	31413.6	-0457.6	663	9.4	33930.9	-0422.3
484	9.5	24523.8	-0422.6	574	10.	31431.4	-0415.2	664	9.5	33954.6	-0409.1
485	9.5	24545.7	-0422.6	575	9.6	31447.7	-0418.8	665	9.4	34002.2	-0431.7
486	9.5	24553.0	-0418.6	576	9.8	31501.5	-0405.2	666	9.7	34015.4	-0456.6
487	9.1	24600.7	-0419.2	577	9.5	31526.1	-0423.9	667	9.1	34044.4	-0431.6
488	9.5	24607.9	-0403.4	578	9.5	31540.8	-0438.1	668	8.4	34116.0	-0458.4
489	9.4	24609.9	-0405.4	579	9.8	31556.6	-0450.2	669	9.2	34123.4	-0419.4
490	9.8	24623.7	-0408.3	580	9.5	31604.2	-0404.0	670	7.3	34124.7	-0452.0
491	7.5	24627.8	-0450.2	581	9.5	31610.3	-0418.1	671	9.5	34201.0	-0452.2
492	9.5	24641.1	-0421.7	582	9.8	31622.5	-0445.5	672	8.7	34218.4	-0458.1
493	9.4	24652.7	-0446.5	583	9.1	31625.7	-0401.4	673	9.8	34235.0	-0456.4
494	9.4	24719.3	-0459.6	584	9.5	31711.3	-0433.5	674	7.5	34304.0	-0419.7
495	9.6	24744.8	-0424.8	585	8.0	31717.2	-0402.9	675	9.8	34331.6	-0438.0
496	8.7	24755.9	-0454.4	586	6.9	31755.8	-0459.5	676	9.4	34335.5	-0409.4
677	9.5	34341.7	-0450.5								
678	9.6	34401.1	-0428.9								
679	9.4	34410.0	-0415.9								
680	9.3	34437.9	-0415.9								
681	9.5	34449.4	-0417.0								
682	7.8	34453.2	-0402.2								
683	8.9	34540.8	-0453.1								
684	7.5	34548.0	-0448.0								
685	9.4	34617.6	-0401.6								
686	9.1	34618.9	-0424.5								
687	9.5	34703.6	-0443.6								
688	9.4	34718.9	-0430.9								
689	7.8	34721.5	-0435.1								
690	8.5	34732.5	-0447.0								
691	9.8	34756.9	-0428.8								
692	9.7	34758.9	-0421.0								
693	9.5	34809.9	-0454.2								
694	7.2	34837.4	-0456.8								
695	9.8	34926.2	-0432.0								
696	9.4	34926.5	-0407.6								
697	9.8	34931.2	-0401.5								
698	9.8	35013.3	-0446.1								
699	8.3	35015.0	-0438.3								
700	9.5	35024.3	-0441.3								
701	9.7	35024.4	-0445.8								
702	9.7	35040.7	-0445.6								
703	9.8	35041.8	-0457.1								
704	9.0	35105.9	-0406.1								
705	9.6	35113.4	-0439.8								
706	7.5	35125.0	-0403.6								
707	9.5	35137.1	-0459.9								
708	10.	35206.0	-0449.4								
709	8.2	35238.8	-0456.1								
710	9.2	35240.6	-0451.4								
711	9.2	35255.9	-0412.1								
712	9.1	35259.9	-0427.7								
713	9.8	35313.5	-0438.6								
714	9.3	35326.0	-0430.1								
715	9.5	35347.7	-0443.8								
716	9.0	35401.6	-0447.8								
717	9.8	35425.0	-0421.7								
718	9.4	35426.5	-0434.8								
719	9.0	35440.5	-0432.1								
720	10.	35448.6	-0447.1								
721	8.8	35459.5	-0427.3								
722	8.3	35502.5	-0455.4								
723	8.3	35503.6	-0442.1								
724	9.4	35507.5	-0425.7								
725	9.3	35632.0	-0408.1								
726	8.8	35706.6	-0436.8								
727	9.0	35733.9	-0401.4								
728	10.	35740.9	-0437.6								
729	8.7	35759.1	-0430.5								
730	9.3	35841.4	-0416.3								
731	9.4	35842.3	-0441.4								
732	9.8	35905.6	-0422.4								
733	9.8	35914.0	-0451.0								
734	9.5	35921.2	-0452.6								
735	9.0	35926.1	-0445.5								
736	8.8	35953.1	-0445.6								
737	9.5	40004.1	-0451.7								
738	9.2	40013.5	-0438.7								
739	9.4	40029.6	-0436.6								
740	10.	40032.8	-0416.1								
741	9.5	40043.7	-0432.5								
742	8.3	40045.5	-0434.4								
743	8.5	40046.0	-0423.5								
744	8.3	40118.5	-0424.1								
745	8.0	40142.9	-0455.0								
746	9.5	40148.6	-0425.4								
747	10.	40223.6	-0415.4								
748	9.1	40225.4	-0416.8								
749	9.7	40234.1	-0446.3								
750	9.5	40253.7	-0412.1								
751	8.4	40312.7	-0418.9								
752	9.5	40326.1	-0448.0								
753	8.5	40338.6	-0441.2								
754	10.	40351.2	-0428.4								
755	9.6	40351.3	-0442.2								
756	10.	40400.7	-0459.5								
757	9.0	40416.8	-0407.7								
758	9.0	40432.5	-0402.5								
759	9.1	40440.8	-0430.0								
760	9.5	40447.1	-0448.3								
761	9.8	40455.7	-0439.6								
762	8.7	40507.7	-0419.2								
763	7.0	40509.1	-0446.8								
764	9.7	40512.4	-0417.3								
765	8.9	40513.1	-0439.9								
766	9.1	40518.0	-0434.3								

-04 767 4h05m

-04 1126 5h19m

767	9.0	40529.7	-0430.3	857	9.4	42335.2	-0445.7	947	9.4	44150.7	-0436.3	1037	9.2	45808.7	-0416.7
768	8.9	40534.5	-0423.1	858	9.8	42424.2	-0402.6	948	9.8	44208.3	-0423.6	1038	9.1	45823.5	-0431.8
769	9.6	40548.9	-0454.9	859	9.1	42433.0	-0454.1	949	8.2	44209.0	-0402.5	1039	9.8	45831.0	-0403.5
770	7.8	40550.6	-0441.0	860	9.3	42440.1	-0402.0	950	9.7	44217.4	-0456.7	1040	10.	45837.0	-0410.6
771	7.4	40558.9	-0415.1	861	7.4	42448.3	-0441.6	951	9.3	44238.4	-0431.9	1041	10.	45853.8	-0453.0
772	9.6	40602.4	-0407.2	862	8.9	42459.9	-0420.1	952	9.4	44238.6	-0445.2	1042	8.3	45932.1	-0441.6
773	9.0	40602.7	-0416.8	863	9.6	42515.2	-0422.8	953	9.5	44313.2	-0445.3	1043	8.9	45932.5	-0426.1
774	8.5	40605.6	-0438.1	864	8.8	42621.7	-0422.2	954	7.3	44315.5	-0407.0	1044	5.0	45935.8	-0451.0
775	9.7	40616.0	-0415.0	865	8.0	42622.6	-0417.1	955	8.4	44325.7	-0422.4	1045	9.5	45947.0	-0446.2
776	9.7	40616.3	-0410.5	866	9.0	42632.2	-0423.3	956	9.9	44334.3	-0438.2	1046	9.5	45947.8	-0422.3
777	9.7	40706.5	-0455.5	867	8.3	42700.4	-0451.5	957	10.	44334.6	-0441.3	1047	9.5	45949.7	-0403.1
778	9.6	40716.7	-0415.6	868	9.7	42705.1	-0456.1	958	9.8	44412.3	-0426.7	1048	10.	45951.1	-0437.3
779	10.	40730.9	-0414.3	869	9.8	42710.3	-0432.5	959	9.8	44421.1	-0435.6	1049	8.5	50012.9	-0424.6
780	9.6	40736.2	-0435.3	870	9.3	42721.2	-0409.4	960	9.7	44435.5	-0415.3	1050	9.5	50033.0	-0442.9
781	9.8	40755.5	-0442.0	871	9.3	42723.7	-0405.0	961	9.7	44456.6	-0442.5	1051	9.8	50045.8	-0455.2
782	9.0	40757.0	-0447.0	872	9.5	42758.8	-0439.6	962	9.1	44506.9	-0413.4	1052	9.8	50103.7	-0406.7
783	9.5	40757.5	-0431.5	873	9.1	42803.3	-0434.4	963	9.8	44542.2	-0459.5	1053	9.0	50109.8	-0417.0
784	9.0	40803.4	-0443.0	874	9.8	42815.0	-0441.2	964	9.3	44548.1	-0445.2	1054	8.5	50111.7	-0401.8
785	9.1	40812.7	-0412.5	875	8.3	42815.7	-0455.7	965	9.8	44602.7	-0447.8	1055	9.0	50121.9	-0435.8
786	9.0	40842.1	-0448.6	876	9.5	42828.9	-0413.2	966	8.4	44610.9	-0403.8	1056	6.2	50132.8	-0439.1
787	9.5	40842.9	-0403.3	877	9.1	42829.1	-0439.1	967	9.7	44639.7	-0408.4	1057	9.6	50143.1	-0440.8
788	9.5	40900.8	-0401.1	878	9.1	42904.0	-0409.2	968	9.6	44646.2	-0449.3	1058	9.5	50204.9	-0437.6
789	9.0	40917.6	-0446.4	879	8.2	42911.8	-0439.8	969	10.	44650.3	-0426.6	1059	8.8	50223.7	-0406.6
790	9.3	40930.7	-0452.0	880	10.	42931.6	-0403.5	970	9.5	44706.7	-0446.3	1060	9.3	50255.8	-0421.4
791	9.5	40938.6	-0446.2	881	9.2	42939.7	-0423.1	971	9.4	44707.9	-0401.5	1061	7.5	50256.7	-0402.2
792	9.1	41024.6	-0403.3	882	9.4	43005.4	-0417.9	972	9.1	44713.1	-0417.8	1062	9.5	50345.8	-0412.0
793	9.0	41050.2	-0452.7	883	9.4	43017.5	-0409.2	973	9.0	44802.9	-0405.9	1063	9.4	50357.8	-0421.8
794	9.5	41110.3	-0424.3	884	9.8	43024.6	-0405.1	974	9.0	44805.2	-0434.8	1064	9.5	50437.9	-0428.5
795	8.8	41114.1	-0452.7	885	8.8	43032.8	-0430.1	975	9.6	44815.3	-0418.8	1065	10.	50507.0	-0448.2
796	9.1	41119.6	-0425.4	886	9.1	43046.0	-0435.0	976	9.4	44819.4	-0454.0	1066	9.5	50517.0	-0449.0
797	9.5	41152.1	-0430.4	887	9.8	43046.1	-0444.2	977	9.7	44824.9	-0404.6	1067	9.5	50517.8	-0420.9
798	10.	41230.2	-0440.1	888	9.1	43049.3	-0447.1	978	8.0	44850.8	-0408.6	1068	9.0	50528.0	-0450.8
799	7.3	41246.5	-0447.0	889	8.3	43117.8	-0428.0	979	9.5	44859.5	-0434.9	1069	10.	50538.9	-0436.1
800	8.5	41259.7	-0450.6	890	9.4	43124.1	-0403.1	980	9.8	44914.7	-0419.4	1070	10.	50548.7	-0401.7
801	7.5	41301.1	-0405.2	891	9.7	43128.6	-0429.1	981	9.3	44933.5	-0437.0	1071	9.5	50602.9	-0434.3
802	9.5	41308.2	-0435.4	892	9.8	43132.4	-0425.2	982	9.0	44936.4	-0447.8	1072	9.8	50614.9	-0414.6
803	9.1	41334.0	-0405.6	893	9.3	43135.7	-0412.1	983	10.	44954.6	-0444.0	1073	8.0	50618.0	-0449.9
804	9.8	41338.1	-0410.4	894	9.2	43156.2	-0422.8	984	9.4	45004.4	-0426.8	1074	9.2	50626.8	-0410.6
805	8.4	41343.6	-0454.2	895	8.5	43159.1	-0459.2	985	10.	45020.0	-0449.5	1075	9.4	50656.5	-0458.8
806	7.3	41348.1	-0404.1	896	9.2	43220.1	-0406.2	986	9.2	45021.7	-0415.4	1076	9.5	50708.9	-0431.2
807	9.2	41436.1	-0412.5	897	9.5	43237.4	-0427.0	987	8.0	45037.8	-0453.1	1077	8.5	50727.8	-0409.8
808	9.3	41441.2	-0436.0	898	8.7	43240.0	-0423.2	988	8.4	45119.6	-0439.0	1078	9.4	50729.7	-0400.3
809	9.5	41449.7	-0442.2	899	9.1	43240.7	-0408.0	989	9.1	45126.0	-0402.8	1079	9.0	50742.0	-0448.1
810	10.	41503.2	-0407.9	900	9.5	43250.0	-0401.3	990	8.2	45126.7	-0447.2	1080	9.5	50746.7	-0403.0
811	9.6	41506.3	-0459.5	901	9.3	43250.5	-0410.9	991	9.9	45128.9	-0432.8	1081	9.1	50805.4	-0405.2
812	9.4	41542.7	-0429.8	902	9.1	43304.1	-0436.8	992	9.0	45139.4	-0401.5	1082	9.5	50822.3	-0413.0
813	9.0	41548.8	-0413.2	903	9.8	43304.3	-0421.2	993	9.8	45145.5	-0401.1	1083	9.9	50828.3	-0410.1
814	9.0	41553.0	-0406.0	904	9.8	43307.2	-0413.3	994	9.5	45157.4	-0430.9	1084	7.3	50835.3	-0458.2
815	9.7	41609.5	-0454.1	905	9.5	43317.2	-0422.1	995	8.5	45206.7	-0448.8	1085	9.2	50855.9	-0437.7
816	9.6	41625.2	-0453.6	906	10.	43323.1	-0414.3	996	8.1	45213.3	-0424.9	1086	9.5	50903.8	-0422.6
817	8.0	41625.2	-0427.5	907	9.8	43326.2	-0413.8	997	9.5	45233.4	-0433.4	1087	9.5	50937.8	-0416.3
818	5.5	41627.1	-0405.3	908	9.4	43342.0	-0429.8	998	8.7	45236.6	-0435.1	1088	10.	50955.9	-0437.3
819	8.9	41650.7	-0421.0	909	9.8	43344.1	-0445.1	999	9.2	45238.8	-0455.8	1089	9.4	51007.7	-0406.5
820	9.3	41659.6	-0408.8	910	9.3	43354.7	-0418.1	1000	9.4	45315.5	-0409.2	1090	8.7	51026.1	-0453.8
821	9.0	41659.6	-0433.2	911	9.3	43403.9	-0446.2	1001	9.3	45326.2	-0452.5	1091	9.2	51041.0	-0437.3
822	9.4	41708.5	-0416.2	912	9.7	43412.2	-0411.8	1002	8.8	45339.1	-0440.0	1092	9.4	51043.8	-0416.8
823	10.	41723.9	-0457.1	913	9.0	43439.2	-0409.5	1003	9.2	45344.9	-0411.4	1093	9.0	51045.0	-0439.6
824	9.5	41724.4	-0414.5	914	9.4	43449.3	-0402.1	1004	9.5	45352.7	-0444.5	1094	9.8	51045.1	-0459.6
825	9.3	41800.0	-0432.1	915	9.8	43453.8	-0436.8	1005	9.1	45353.8	-0421.5	1095	9.0	51059.9	-0435.9
826	9.8	41807.2	-0448.4	916	9.4	43503.4	-0440.8	1006	9.8	45355.0	-0452.1	1096	9.3	51103.9	-0426.5
827	8.0	41812.5	-0406.4	917	9.8	43503.3	-0418.2	1007	9.5	45358.5	-0441.2	1097	9.3	51116.0	-0446.6
828	9.5	41822.7	-0450.6	918	9.3	43520.7	-0434.1	1008	9.8	45401.9	-0427.9	1098	9.5	51120.6	-0458.6
829	9.5	41856.7	-0425.3	919	9.2	43524.2	-0417.7	1009	8.9	45421.0	-0403.7	1099	9.0	51121.0	-0446.6
830	10.	41902.0	-0458.8	920	9.4	43532.3	-0420.4	1010	9.6	45422.5	-0400.4	1100	9.5	51146.1	-0451.9
831	8.0	41925.6	-0405.4	92.	9.8	43534.4	-0454.4	1011	9.4	45438.7	-0450.9	1101	9.1	51204.6	-0458.5
832	10.	41929.7	-0441.6	922	8.0	43541.3	-0423.7	1012	9.8	45439.4	-0410.8	1102	8.5	51219.9	-0429.6
833	10.	41940.5	-0437.7	923	9.0	43551.1	-0458.5	1013	10.	45453.8	-0422.2	1103	10.	51254.7	-0458.6
834	9.5	41941.7	-0428.5	924	9.8	43604.4	-0450.5	1014	9.8	45458.5	-0403.9	1104	9.0	51306.1	-0439.4
835	9.4	41955.1	-0408.9	925	9.1	43624.0	-0418.8	1015	9.3	45508.9	-0413.1	1105	8.5	51312.7	-0456.8
836	9.7	41956.4	-0409.1	926	9.8	43626.4	-0445.7	1016	9.5	45515.5	-0404.4	1106	9.5	51325.8	-0403.6
837	10.	41956.4	-0406.7	927	9.3	43631.8	-0423.0	1017	10.	45527.9	-0443.5	1107	10.	51503.0	-0428.2
838	9.4	42015.9	-0427.5	928	8.3	43638.8	-0434.3	1018	9.5	45529.3	-0449.3	1108	10.	51515.0	-0430.8
839	9.0	42016.3	-0443.6	929	9.7	43709.4	-0442.2	1019	6.0	45533.8	-0425.2	1109	9.5	51553.0	-0424.1
840	10.	42021.6	-0427.3	930	9.7	43717.6	-0456.1	1020	9.3	45534.9	-0401.3	1110	9.2	51609.8	-0403.6
841	9.6	42034.2	-0412.9	931	8.4	43723.3	-0419.5	1021	9.6	45541.1	-0402.2	1111	9.3	51610.9	-0442.8
842	9.8	42054.5	-0454.6	932	9.8	43752.8	-0427.5	1022	9.8	45544.7	-0418.6	1112	10.	51638.7	-0441.1
843	9.0	42057.1	-0400.9	933	9.8	43754.3	-0413.4	1023	9.8	45617.6	-0431.7	1113	8.4	51640.7	-0442.3
844	8.5	42102.2	-0445.9	934	9.4	43815.6	-0441.7	1024	9.6	45621.2	-0418.8	1114	9.5	51701.9	-0409.0
845	10.	42128.7	-0423.8	935	8.2	43849.0	-0421.2	1025	8.5	45631.4	-0425.0	1115	9.5	51718.9	-0421.5
846	8.9	42144.0	-0456.4	936	10.	43854.6	-0446.1	1026	9.4	45634.5	-0429.4	1116	9.0	51742.7	-0442.0
847	9.7	42152.4	-0408.5	937	10.	43857.8	-0429.8	1027	10.	45641.9	-0410.9	1117	9.7	51743.0	-0430.8
848	9.8	42153.5	-0455.3	938	9.4	43922.5	-0452.4	1028	9.2	45654.0	-0403.0	1118	9.5	51811.1	-0459.2
849	9.6	42203.5	-0401.6	939	8.8	43927.5	-0452.6	1029	9.4	45716.9	-0400.1	1119	9.0	51816.2	-0451.3
850	8.0	42211.8	-0431.6	940	8.3	43928.0	-0444.5	1030	9.8	45726.0	-0417.4	1120	9.2	51819.7	-0443.9
851	8.0	42233.0	-0455.0	941	10.	44022.9	-0429.2	1031	9.1	45739.4	-0403.4	1121	9.0	51820.8	-0400.8
852	8.8	42234.8	-0417.6	942	9.4	44038.0	-0427.2	1032	8.9	45745.0	-0407.5	1122	9.0	51829.8	-0406.2
853	9.5	42254.5	-0455.8	943	9.5	44038.3	-0416.5	1033	9.7	45753.5	-0410.6	1123	9.1	51848.2	-0456.1
854	9.3	42254.7	-0448.0	944	9.4	44042.4	-0425.9	1034	10.	45757.2	-0443.4	1124	9.4	51910.1	-0449.9
855	9.8	42313.9	-0427.1	945	9.3	44049.5	-0442.9	1035	9.0	45757.9	-0453.0	1125	9.3	51918.9	-0417.3
856	9.5	42328.3	-0443.5	946	9.2	44114.8	-0457.6	1036	9.8	45803.6	-0414.0	1126	9.0	51922.1	-0446.3

1127	9.5	51922.2	-0455.6	1217	9.3	53421.1	-0451.3	1307	9.3	55054.9	-0400.7	1397	9.1	60449.5	-0450.4
1128	9.0	51927.0	-0422.6	1218	9.5	53444.0	-0432.6	1308	9.1	55100.2	-0439.1	1398	9.5	60452.2	-0440.0
1129	9.3	51929.9	-0418.2	1219	9.5	53452.1	-0441.5	1309	9.8	55104.8	-0413.5	1399	9.5	60507.5	-0445.4
1130	9.3	51930.9	-0419.5	1220	9.5	53526.0	-0430.7	1310	7.0	55110.2	-0439.5	1400	9.3	60531.3	-0408.3
1131	9.0	51932.9	-0411.1	1221	9.2	53530.9	-0454.6	1311	10.	55127.1	-0430.6	1401	9.2	60534.3	-0414.6
1132	8.6	51947.0	-0425.8	1222	9.5	53532.9	-0408.3	1312	9.5	55146.1	-0422.1	1402	9.0	60535.2	-0401.7
1133	9.0	52005.1	-0434.4	1223	8.5	53536.1	-0443.1	1313	9.5	55153.0	-0411.4	1403	9.0	60541.3	-0412.0
1134	9.0	52010.0	-0424.4	1224	9.2	53549.9	-0454.5	1314	9.5	55158.1	-0427.0	1404	9.5	60546.3	-0409.3
1135	9.3	52031.8	-0407.9	1225	9.9	53554.7	-0458.4	1315	9.0	55202.2	-0446.6	1405	7.0	60553.5	-0453.8
1136	9.5	52047.9	-0416.9	1226	9.4	53648.0	-0434.8	1316	8.8	55204.1	-0422.5	1406	10.	60558.4	-0436.9
1137	9.7	52057.1	-0440.1	1227	8.0	53652.0	-0437.9	1317	9.3	55209.7	-0439.9	1407	7.7	60604.2	-0458.3
1138	9.4	52103.0	-0428.0	1228	9.5	53708.1	-0455.6	1318	9.0	55224.0	-0421.2	1408	9.5	60610.7	-0429.1
1139	10.	52113.4	-0413.7	1229	9.9	53714.7	-0403.3	1319	9.8	55237.2	-0440.5	1409	9.5	60620.2	-0403.0
1140	9.5	52114.5	-0419.0	1230	10.	53718.2	-0405.4	1320	9.7	55251.8	-0456.6	1410	8.4	60621.6	-0433.9
1141	7.5	52125.2	-0449.4	1231	7.5	53723.1	-0445.8	1321	9.5	55256.2	-0444.9	1411	9.1	60625.3	-0411.8
1142	9.2	52125.2	-0419.5	1232	9.5	53754.0	-0427.9	1322	9.8	55316.4	-0403.8	1412	9.3	60637.6	-0454.4
1143	9.3	52126.4	-0418.1	1233	9.0	53803.9	-0417.6	1323	9.5	55325.3	-0454.2	1413	9.6	60638.8	-0433.1
1144	9.4	52148.9	-0449.3	1234	9.5	53829.2	-0459.1	1324	9.5	55328.1	-0424.7	1414	9.8	60644.8	-0435.2
1145	10.	52151.0	-0447.9	1235	6.5	53850.9	-0419.8	1325	9.7	55334.8	-0457.1	1415	9.1	60646.8	-0413.6
1146	30.0	52151.1	-0448.5	1236	8.5	53859.8	-0404.6	1326	10.	55343.8	-0457.4	1416	9.5	60657.4	-0454.4
1147	9.1	52204.4	-0456.2	1237	8.8	53913.8	-0404.2	1327	9.4	55400.2	-0449.7	1417	9.4	60702.7	-0415.1
1148	9.5	52205.1	-0441.8	1238	9.0	54007.0	-0431.8	1328	9.4	55416.2	-0449.7	1418	9.5	60703.2	-0458.5
1149	9.5	52241.8	-0404.8	1239	9.5	54009.9	-0411.7	1329	9.4	55420.2	-0448.4	1419	9.5	60703.5	-0452.0
1150	9.5	52252.1	-0449.0	1240	10.	54030.8	-0405.0	1330	10.	55425.9	-0404.6	1420	9.1	60713.2	-0454.7
1151	10.	52324.2	-0452.6	1241	9.4	54052.2	-0459.8	1331	10.	55448.1	-0430.0	1421	6.0	60726.2	-0431.7
1152	8.0	52341.0	-0422.2	1242	9.5	54058.0	-0429.1	1332	9.0	55450.5	-0422.5	1422	7.5	60733.0	-0424.4
1153	9.1	52351.1	-0442.7	1243	9.0	54103.2	-0451.8	1333	9.8	55454.3	-0408.7	1423	8.5	60733.9	-0407.1
1154	9.2	52351.9	-0403.3	1244	6.5	54122.9	-0408.6	1334	9.8	55459.4	-0413.2	1424	9.8	60752.4	-0408.4
1155	8.7	52356.6	-0456.0	1245	9.4	54148.3	-0455.6	1335	9.4	55521.1	-0432.3	1425	9.5	60755.6	-0420.4
1156	9.2	52410.4	-0402.7	1246	10.	54153.0	-0428.2	1336	9.0	55528.0	-0415.3	1426	8.8	60756.2	-0434.3
1157	9.5	52433.0	-0423.4	1247	9.5	54212.2	-0453.2	1337	10.	55529.4	-0456.9	1427	9.2	60801.7	-0434.0
1158	9.5	52443.0	-0423.4	1248	9.5	54223.8	-0439.9	1338	9.2	55545.9	-0400.2	1428	9.8	60804.3	-0447.7
1159	9.7	52447.8	-0404.6	1249	9.7	54225.5	-0429.6	1339	9.4	55547.1	-0435.0	1429	9.5	60816.3	-0402.1
1160	9.0	52502.9	-0416.7	1250	9.5	54227.9	-0416.2	1340	9.7	55555.9	-0455.1	1430	9.7	60820.0	-0446.7
1161	9.0	52504.0	-0424.7	1251	8.5	54229.1	-0430.4	1341	9.5	55557.9	-0403.2	1431	6.6	60821.2	-0451.9
1162	8.8	52505.0	-0437.3	1252	10.	54244.0	-0438.4	1342	9.5	55605.3	-0454.1	1432	9.6	60829.8	-0451.7
1163	9.0	52516.5	-0441.5	1253	10.	54254.8	-0440.0	1343	9.5	55630.2	-0439.9	1433	9.8	60843.2	-0410.1
1164	8.0	52546.9	-0440.4	1254	9.5	54258.9	-0414.0	1344	9.3	55652.3	-0454.7	1434	9.6	60844.4	-0456.4
1165	9.0	52604.1	-0444.3	1255	9.5	54315.1	-0442.5	1345	10.	55713.0	-0439.5	1435	9.0	60857.1	-0426.8
1166	9.0	52606.9	-0427.9	1256	9.4	54321.8	-0455.3	1346	9.6	55719.6	-0433.7	1436	9.5	60857.6	-0428.3
1167	7.5	52714.2	-0455.0	1257	9.3	54324.1	-0434.8	1347	9.7	55724.0	-0426.1	1437	9.5	60905.5	-0420.0
1168	9.0	52715.0	-0427.8	1258	8.8	54352.7	-0457.3	1348	9.8	55735.3	-0450.6	1438	9.8	60921.8	-0441.7
1169	9.5	52718.1	-0439.9	1259	9.2	54359.1	-0437.9	1349	10.	55746.0	-0447.5	1439	9.8	60930.6	-0424.7
1170	10.	52719.0	-0430.5	1260	9.5	54426.2	-0428.0	1350	10.	55817.5	-0447.4	1440	9.5	60952.5	-0456.8
1171	8.0	52722.0	-0435.4	1261	9.8	54442.3	-0455.3	1351	8.8	55818.2	-0435.7	1441	9.5	61000.4	-0448.4
1172	8.0	52731.0	-0429.6	1262	10.	54443.2	-0433.2	1352	8.8	55826.3	-0446.9	1442	9.0	61003.3	-0436.6
1173	7.0	52741.9	-0412.2	1263	9.5	54447.9	-0413.9	1353	9.2	55826.7	-0419.7	1443	9.2	61020.7	-04 6.6
1174	9.5	52744.0	-0426.5	1264	9.5	54501.9	-0413.9	1354	9.5	55836.1	-0426.2	1444	9.1	61030.9	-04 1.6
1175	9.3	52746.1	-0451.5	1265	9.5	54505.2	-0449.6	1355	9.4	55841.8	-0425.4	1445	7.2	61042.6	-04 9.7
1176	8.5	52747.0	-0426.9	1266	10.	54524.0	-0423.2	1356	9.0	55851.2	-0433.6	1446	9.8	61102.7	-04 7.5
1177	9.5	52749.1	-0438.1	1267	9.5	54538.4	-0433.1	1357	9.2	55852.2	-0444.3	1447	9.3	61108.2	-04 4.4
1178	9.0	52753.0	-0428.2	1268	9.6	54546.5	-0439.9	1358	9.5	55857.0	-0414.3	1448	9.0	61128.5	-04 1.6
1179	8.0	52756.2	-0449.6	1269	9.6	54549.3	-0421.9	1359	9.5	55902.2	-0442.4	1449	9.4	61128.7	-04 6.5
1180	9.0	52803.1	-0442.5	1270	9.4	54551.4	-0429.6	1360	9.0	55904.2	-0445.2	1450	9.3	61143.8	-04 4.8
1181	9.5	52804.2	-0457.7	1271	9.5	54616.2	-0458.8	1361	10.	55915.0	-0409.8	1451	9.0	61156.4	-04 0.0
1182	9.2	52808.1	-0447.9	1272	9.8	54617.6	-0440.7	1362	6.0	55928.0	-0410.7	1452	9.3	61207.1	-0459.8
1183	7.0	52809.0	-0435.8	1273	10.	54624.1	-0446.3	1363	9.5	55940.2	-0448.2	1453	9.4	61222.6	-0422.8
1184	7.0	52811.0	-0430.9	1274	9.4	54631.4	-0432.2	1364	9.0	55947.2	-0448.7	1454	9.7	61227.3	-0439.3
1185	4.5	52813.6	-0456.6	1275	9.8	54635.1	-0446.3	1365	9.0	55957.1	-0434.9	1455	9.6	61228.2	-0407.6
1186	7.0	52819.1	-0428.2	1276	8.6	54655.8	-0459.3	1366	9.0	60007.0	-0432.2	1456	10.	61232.9	-0451.1
1187	8.7	52823.6	-0455.5	1277	9.5	54700.0	-0404.9	1367	9.5	60009.2	-0451.2	1457	8.8	61235.2	-0427.2
1188	6.0	52831.1	-0457.5	1278	9.4	54700.8	-0456.4	1368	9.0	60013.2	-0433.5	1458	9.6	61254.0	-0421.1
1189	9.5	52853.1	-0451.4	1279	9.5	54703.0	-0421.4	1369	9.0	60022.0	-0407.1	1459	9.3	61255.7	-0412.6
1190	7.8	52855.0	-0430.9	1280	9.0	54714.1	-0445.9	1370	9.7	60035.2	-0448.2	1460	9.1	61255.7	-0417.1
1191	10.	52940.8	-0431.8	1281	7.0	54722.9	-0405.8	1371	9.7	60116.7	-0446.5	1461	9.0	61315.3	-0411.7
1192	10.	53006.5	-0403.2	1282	9.5	54734.9	-0405.4	1372	9.5	60124.2	-0439.7	1462	9.5	61318.5	-0425.1
1193	9.7	53012.1	-0446.5	1283	10.	54735.7	-0434.5	1373	9.0	60128.9	-0404.9	1463	9.5	61319.0	-0451.4
1194	9.4	53029.5	-0401.8	1284	9.5	54736.0	-0411.2	1374	9.0	60136.0	-0412.0	1464	9.8	61325.8	-0426.0
1195	10.	53031.9	-0425.9	1285	9.3	54804.0	-0414.2	1375	9.5	60143.2	-0437.9	1465	10.	61329.9	-0416.6
1196	7.0	53043.2	-0454.0	1286	8.4	54805.9	-0404.9	1376	9.2	60155.9	-0403.0	1466	10.	61332.1	-0419.2
1197	9.6	53048.4	-0458.9	1287	9.0	54815.2	-0437.9	1377	9.0	60212.9	-0404.4	1467	7.3	61339.7	-0431.5
1198	7.5	53103.9	-0411.1	1288	7.8	54816.7	-0451.2	1378	9.5	60238.7	-0452.0	1468	9.3	61345.0	-0457.0
1199	9.5	53114.8	-0406.7	1289	6.0	54819.2	-0438.4	1379	9.0	60242.1	-0431.9	1469	9.2	61357.0	-0458.5
1200	9.2	53129.1	-0446.5	1290	9.7	54821.5	-0456.4	1380	9.0	60250.1	-0418.6	1470	8.0	61400.6	-0416.9
1201	9.0	53137.7	-0421.7	1291	7.0	54825.7	-0449.0	1381	9.0	60255.0	-0411.0	1471	9.4	61440.6	-0427.7
1202	10.	53147.2	-0417.0	1292	8.9	54837.9	-0406.6	1382	9.5	60258.0	-0407.9	1472	9.8	61443.2	-0429.7
1203	8.8	53207.1	-0446.5	1293	9.5	54846.5	-0413.8	1383	8.5	60302.2	-0440.0	1473	9.1	61448.0	-0421.7
1204	9.0	53212.2	-0451.4	1294	9.8	54850.7	-0448.1	1384	9.5	60305.3	-0456.4	1474	9.5	61452.5	-0421.9
1205	9.7	53212.8	-0407.2	1295	10.	54911.1	-0432.1	1385	9.5	60308.2	-0444.9	1475	9.6	61457.9	-0405.2
1206	9.5	53243.1	-0448.6	1296	9.5	54914.1	-0423.2	1386	9.5	60334.1	-0431.9	1476	8.0	61500.4	-0441.5
1207	9.3	53256.1	-0437.9	1297	9.5	54927.9	-0400.8	1387	10.	60336.1	-0427.1	1477	9.5	61520.1	-0422.8
1208	9.5	53304.1	-0449.1	1298	9.5	54932.8	-0456.3	1388	9.5	60340.1	-0433.4	1478	9.7	61521.5	-0406.0
1209	9.7	53306.8	-0428.4	1299	9.4	55006.2	-0444.0	1389	9.5	60400.1	-0424.4	1479	8.6	61523.4	-0447.3
1210	8.2	53314.0	-0430.4	1300	9.3	55013.9	-0400.7	1390	9.5	60409.9	-0405.2	1480	8.7	61540.1	-0453.7
1211	9.4	53318.8	-0426.4	1301	9.5	55017.3	-0453.8	1391	9.1	60417.9	-0457.9	1481	8.5	61547.5	-0407.1
1212	9.2	53327.8	-0400.9	1302	10.	55026.0	-0413.0	1392	9.8	60426.6	-0453.0	1482	9.5	61551.4	-0431.9
1213	9.5	53338.1	-0448.7	1303	9.7	55036.0	-0436.8	1393	6.5	60433.2	-0438.0	1483	9.5	61609.6	-0452.1
1214	9.5	53414.0	-0427.6	1304	9.5	55044.8	-0458.9	1394	9.5	60436.0	-0442.1	1484	7.0	61612.8	-0436.8
1215	9.5	53416.0	-0428.5	1305	8.5	55051.2	-0447.1	1395	9.7	60438.3	-0454.3	1485	9.7	61621.7	-0456.6
1216	9.5	53418.8	-0404.9	1306	9.0	55053.0	-0417.2	1396	9.5	60448.0	-0415.0	1486	9.5	61625.3	-0454.4

-04 1487 6h16m

-04 1846 7h04m

1487	9.5	61634.4	-0409.0	1577	10.	62816.8	-0411.7	1667	8.1	64113.4	-0432.7	1757	9.8	65126.2	-0412.8
1488	9.5	61635.7	-0430.7	1578	9.8	62817.7	-0458.6	1668	8.5	64114.5	-0413.6	1758	9.5	65128.4	-0409.3
1489	9.8	61640.7	-0434.5	1579	9.2	62836.4	-0443.7	1669	8.8	64116.1	-0439.8	1759	9.0	65136.8	-0421.7
1490	8.5	61643.6	-0439.0	1580	9.2	62855.8	-0436.4	1670	10.	64119.1	-0426.9	1760	9.3	65142.3	-0429.0
1491	9.2	61645.5	-0444.1	1581	9.0	62916.3	-0451.3	1671	9.0	64119.7	-0444.1	1761	9.0	65151.1	-0411.8
1492	9.8	61710.6	-0413.2	1582	9.5	62916.3	-0435.9	1672	9.3	64121.1	-0429.3	1762	9.5	65203.5	-0408.5
1493	9.8	61719.4	-0433.4	1583	9.5	62928.6	-0454.7	1673	9.5	64124.5	-0454.5	1763	9.0	65206.2	-0425.4
1494	9.0	61721.4	-0403.0	1584	9.5	62933.0	-0414.3	1674	9.5	64135.4	-0401.0	1764	9.5	65207.8	-0450.9
1495	10.	61734.2	-0453.0	1585	9.1	62946.9	-0443.8	1675	9.5	64147.5	-0426.0	1765	9.5	65210.0	-0428.6
1496	9.7	61741.3	-0450.9	1586	9.1	62947.4	-0419.2	1676	8.7	64148.0	-0431.6	1766	9.0	65224.9	-0436.7
1497	9.5	61750.9	-0435.3	1587	9.4	63001.7	-0430.8	1677	9.5	64148.9	-0452.5	1767	9.0	65230.4	-0401.2
1498	8.9	61754.6	-0421.6	1588	9.5	63011.0	-0451.5	1678	9.0	64154.0	-0419.7	1768	10.	65237.0	-0410.3
1499	9.2	61758.0	-0447.1	1589	9.5	63021.8	-0409.9	1679	9.8	64241.5	-0412.3	1769	9.0	65240.7	-0425.9
1500	9.4	61806.9	-0444.5	1590	9.0	63036.7	-0416.1	1680	9.3	64243.9	-0453.2	1770	9.5	65243.9	-0452.5
1501	8.0	61829.4	-0445.0	1591	9.1	63037.6	-0454.2	1681	9.5	64254.1	-0423.8	1771	9.8	65254.0	-0437.5
1502	9.3	61835.5	-0451.9	1592	9.3	63042.9	-0417.2	1682	9.5	64255.2	-0435.5	1772	8.8	65303.7	-0424.7
1503	9.2	61852.0	-0420.2	1593	9.0	63101.8	-0434.6	1683	9.0	64305.8	-0458.9	1773	10.	65307.5	-0413.5
1504	8.5	61857.7	-0433.1	1594	9.8	63107.2	-0459.5	1684	9.8	64318.9	-0404.7	1774	9.0	65341.2	-0445.0
1505	9.2	61903.6	-0420.8	1595	9.0	63112.0	-0408.0	1685	7.2	64331.4	-0406.2	1775	9.1	65342.9	-0418.8
1506	9.5	61905.7	-0441.0	1596	9.0	63119.0	-0448.3	1686	9.5	64340.5	-0412.9	1776	9.8	65345.9	-0415.2
1507	9.1	61907.1	-0427.8	1597	8.5	63124.8	-0410.0	1687	9.1	64343.7	-0447.0	1777	9.5	65356.8	-0457.5
1508	9.5	61914.1	-0426.3	1598	9.8	63202.4	-0456.8	1688	8.2	64346.6	-0406.0	1778	9.5	65358.7	-0424.9
1509	9.6	61922.7	-0458.1	1599	9.8	63202.9	-0414.7	1689	9.6	64354.7	-0454.6	1779	9.0	65402.9	-0453.1
1510	7.0	61924.2	-0430.5	1600	9.8	63206.9	-0438.4	1690	9.5	64355.8	-0449.5	1780	9.4	65445.3	-0419.2
1511	9.5	61924.8	-0400.9	1601	9.2	63207.2	-0409.7	1691	8.7	64357.5	-0420.0	1781	9.9	65446.1	-0400.9
1512	8.0	61948.0	-0422.5	1602	9.8	63208.5	-0406.0	1692	9.5	64409.7	-0444.8	1782	9.5	65450.7	-0433.6
1513	8.7	61948.4	-0432.8	1603	9.7	63222.0	-0412.1	1693	9.5	64409.9	-0432.7	1783	9.8	65505.6	-0410.5
1514	7.2	61950.5	-0416.4	1604	9.0	63227.6	-0426.5	1694	9.5	64416.4	-0432.9	1784	9.0	65512.2	-0456.3
1515	9.5	61951.9	-0405.7	1605	9.5	63229.3	-0423.6	1695	9.0	64429.8	-0401.2	1785	8.5	65523.3	-0425.6
1516	9.1	61957.6	-0427.6	1606	9.5	63250.2	-0428.2	1696	9.5	64434.5	-0424.6	1786	9.7	65531.3	-0416.9
1517	9.0	62000.5	-0441.7	1607	8.5	63251.5	-0434.2	1697	9.5	64445.3	-0401.4	1787	9.8	65536.8	-0417.8
1518	9.8	62005.8	-0411.6	1608	9.5	63257.0	-0418.1	1698	9.5	64448.7	-0417.2	1788	5.0	65542.9	-0402.0
1519	9.6	62012.5	-0451.4	1609	9.0	63257.4	-0428.4	1699	9.5	64501.4	-0404.0	1789	9.8	65550.2	-0409.6
1520	10.	62025.0	-0415.7	1610	7.7	63304.4	-0419.8	1700	9.3	64508.8	-0437.9	1790	9.0	65555.4	-0433.4
1521	10.	62035.6	-0415.5	1611	9.0	63306.5	-0434.9	1701	9.5	64513.1	-0405.9	1791	9.4	65559.0	-0407.4
1522	8.5	62038.1	-0444.4	1612	10.	63312.9	-0456.8	1702	9.5	64522.3	-0427.6	1792	9.6	65600.7	-0403.1
1523	8.3	62038.5	-0451.0	1613	9.2	63313.9	-0451.8	1703	9.0	64523.0	-0412.1	1793	8.3	65614.9	-0403.3
1524	8.6	62042.2	-0416.9	1614	9.8	63316.9	-0412.5	1704	9.8	64531.6	-0453.7	1794	9.0	65618.7	-0436.0
1525	9.7	62042.6	-0441.2	1615	9.2	63330.7	-0428.2	1705	9.5	64535.3	-0426.7	1795	9.6	65645.6	-0426.7
1526	5.4	62048.3	-0440.1	1616	8.8	63345.1	-0426.1	1706	9.2	64539.0	-0436.7	1796	9.9	65646.6	-0436.8
1527	8.8	62049.7	-0456.2	1617	9.5	63414.6	-0427.9	1707	8.8	64554.7	-0434.0	1797	8.3	65649.7	-0425.0
1528	8.9	62050.2	-0442.7	1618	9.5	63430.7	-0444.4	1708	9.0	64600.7	-0424.2	1798	9.2	65704.9	-0419.0
1529	9.3	62056.4	-0439.9	1619	9.4	63431.7	-0409.6	1709	10.	64608.4	-0403.6	1799	9.0	65723.6	-0417.6
1530	8.4	62101.3	-0448.6	1620	8.9	63451.8	-0437.8	1710	9.5	64608.5	-0407.7	1800	9.1	65725.5	-0411.7
1531	9.4	62102.3	-0426.5	1621	9.5	63454.9	-0423.0	1711	9.4	64615.4	-0407.7	1801	9.5	65726.8	-0401.9
1532	9.7	62104.9	-0431.1	1622	9.6	63457.8	-0400.5	1712	9.8	64641.6	-0433.2	1802	9.0	65730.2	-0445.2
1533	9.6	62107.6	-0422.3	1623	9.6	63509.1	-0418.5	1713	8.8	64644.0	-0412.8	1803	9.3	65740.0	-0412.9
1534	9.0	62111.6	-0422.1	1624	9.2	63511.2	-0414.5	1714	8.3	64645.4	-0413.2	1804	9.4	65745.6	-0416.3
1535	8.9	62114.4	-0456.7	1625	9.6	63518.0	-0401.2	1715	8.9	64645.9	-0442.8	1805	9.8	65745.7	-0450.7
1536	8.5	62123.0	-0429.2	1626	9.4	63532.4	-0449.8	1716	9.3	64651.1	-0410.4	1806	9.0	65748.5	-0419.6
1537	9.1	62136.7	-0415.0	1627	7.0	63536.1	-0400.2	1717	9.7	64654.7	-0439.6	1807	9.3	65750.4	-0451.6
1538	9.5	62209.6	-0425.2	1628	9.7	63549.9	-0427.9	1718	9.0	64706.4	-0405.7	1808	9.7	65751.2	-0458.8
1539	9.8	62213.0	-0403.1	1629	9.5	63551.3	-0421.8	1719	9.0	64708.2	-0443.9	1809	9.4	65759.8	-0439.0
1540	9.6	62240.1	-0426.7	1630	9.6	63552.5	-0423.8	1720	9.5	64709.1	-0428.7	1810	9.2	65823.4	-0420.0
1541	9.7	62243.5	-0441.0	1631	9.5	63556.0	-0435.3	1721	9.2	64722.2	-0431.8	1811	9.8	65836.4	-0439.3
1542	9.4	62247.1	-0412.8	1632	9.0	63557.4	-0438.1	1722	9.8	64725.5	-0413.6	1812	10.	65837.8	-0434.2
1543	9.8	62248.1	-0415.0	1633	9.8	63600.9	-0401.1	1723	9.1	64728.6	-0411.1	1813	9.8	65840.5	-0456.8
1544	9.4	62249.8	-0433.2	1634	9.9	63603.3	-0416.0	1724	9.4	64732.1	-0441.4	1814	9.8	65844.1	-0457.0
1545	9.2	62259.2	-0410.1	1635	9.1	63617.6	-0416.9	1725	9.5	64744.2	-0443.8	1815	9.2	65844.9	-0419.4
1546	8.3	62317.8	-0435.7	1636	9.3	63627.3	-0417.5	1726	9.5	64758.6	-0455.8	1816	9.8	65845.9	-0403.5
1547	9.0	62326.1	-0439.2	1637	9.5	63629.1	-0441.6	1727	9.2	64807.5	-0426.5	1817	9.4	65848.2	-0412.0
1548	9.3	62343.0	-0407.8	1638	9.2	63650.2	-0455.7	1728	9.6	64814.0	-0444.5	1818	9.4	65857.8	-0448.4
1549	9.0	62346.8	-0411.6	1639	9.6	63656.6	-0428.8	1729	9.5	64820.0	-0427.0	1819	9.5	65910.5	-0413.9
1550	9.5	62402.4	-0439.0	1640	9.1	63657.5	-0415.1	1730	9.8	64825.0	-0451.2	1820	8.7	65922.2	-0443.2
1551	9.0	62409.9	-0410.6	1641	8.7	63710.8	-0427.6	1731	8.7	64835.3	-0451.8	1821	9.4	65923.5	-0415.2
1552	9.1	62410.0	-0456.8	1642	9.0	63723.0	-0420.7	1732	10.	64838.0	-0451.3	1822	9.3	65926.2	-0424.5
1553	9.5	62422.1	-0428.9	1643	9.4	63724.9	-0441.5	1733	9.4	64843.2	-0415.1	1823	9.8	65935.5	-0449.1
1554	9.0	62436.3	-0407.6	1644	8.8	63733.9	-0415.2	1734	9.4	64844.8	-0430.0	1824	9.8	65937.2	-0440.6
1555	9.6	62442.1	-0406.9	1645	9.5	63751.6	-0416.5	1735	9.5	64845.7	-0433.0	1825	10.	65944.1	-0452.0
1556	9.5	62514.2	-0434.7	1646	9.8	63808.6	-0456.3	1736	9.2	64849.2	-0456.3	1826	9.4	65953.3	-0425.6
1557	9.7	62530.5	-0412.9	1647	9.5	63814.0	-0435.4	1737	9.8	64854.9	-0404.7	1827	9.0	70003.3	-0447.6
1558	8.8	62531.2	-0420.1	1648	9.5	63831.2	-0445.9	1738	10.	64903.6	-0400.2	1828	9.5	70033.5	-0419.2
1559	9.5	62535.4	-0443.9	1649	9.7	63841.6	-0418.3	1739	9.6	64912.9	-0458.8	1829	9.4	70044.3	-0459.3
1560	9.4	62543.5	-0401.9	1650	9.7	63904.5	-0455.7	1740	9.1	64914.1	-0411.7	1830	7.8	70046.3	-0427.1
1561	9.5	62553.1	-0459.2	1651	9.7	63913.8	-0403.5	1741	9.3	64944.4	-0404.8	1831	9.8	70056.3	-0417.8
1562	9.3	62628.4	-0445.2	1652	9.3	63917.5	-0416.6	1742	9.8	65002.4	-0459.6	1832	9.3	70107.8	-0447.6
1563	9.8	62644.3	-0442.5	1653	10.	63932.1	-0404.7	1743	9.9	65002.9	-0406.6	1833	9.2	70120.9	-0457.2
1564	9.8	62645.3	-0419.5	1654	10.	63939.5	-0414.7	1744	9.0	65004.5	-0411.1	1834	9.5	70138.9	-0458.3
1565	9.8	62650.1	-0441.6	1655	10.	63939.6	-0455.7	1745	8.5	65008.4	-0400.8	1835	9.8	70130.4	-0404.4
1566	8.5	62650.7	-0427.8	1656	9.5	63956.8	-0404.4	1746	9.3	65015.2	-0453.7	1836	9.2	70134.4	-0453.5
1567	8.5	62651.4	-0458.2	1657	9.5	63959.8	-0448.8	1747	9.5	65018.3	-0429.0	1837	9.8	70142.1	-0422.5
1568	8.5	62654.4	-0405.9	1658	9.4	63959.4	-0432.7	1748	10.	65049.6	-0418.7	1838	9.0	70159.7	-0442.1
1569	7.4	62708.5	-0447.4	1659	9.3	64035.3	-0446.1	1749	9.1	65052.2	-0443.7	1839	9.6	70205.2	-0446.0
1570	9.5	62735.6	-0429.7	1660	9.6	64040.3	-0446.1	1750	8.8	65102.5	-0452.7	1840	5.5	70301.3	-0401.0
1571	8.4	62740.5	-0408.6	1661	10.	64043.4	-0435.9	1751	9.0	65108.3	-0427.7	1841	8.2	70313.8	-0408.9
1572	9.2	62741.8	-0404.0	1662	9.9	64045.4	-0436.1	1752	8.0	65112.7	-0420.5	1842	8.5	70328.8	-0429.1
1573	9.5	62742.3	-0453.5	1663	9.9	64047.6	-0433.0	1753	9.5	65117.7	-0445.3	1843	8.6	70346.2	-0412.9
1574	8.0	62743.3	-0434.0	1664	8.0	64048.4	-0405.8	1754	9.5	65125.1	-0440.4	1844	9.4	70350.3	-0439.1
1575	9.4	62800.2	-0428.3	1665	7.9	64049.0	-0459.6	1755	9.7	65125.2	-0407.8	1845	7.9	70359.9	-0428.3
1576	7.3	62807.9	-0440.8	1666	9.1	64050.3	-0402.0	1756	8.2	65125.5	-0420.4	1846	8.8	70408.6	-0440.5

-04 1847 7h04m

-04 2206 7h57m

1847	9.5	70417.3	-0451.6	1937	9.5	71733.8	-0457.6	2027	8.3	73107.0	-0440.0	2117	9.4	74441.2	-0431.4
1848	10.	70418.5	-0457.3	1938	9.4	71737.0	-0435.2	2028	8.0	73132.8	-0439.7	2118	9.3	74441.6	-0418.0
1849	9.5	70421.9	-0433.9	1939	8.5	71746.9	-0446.4	2029	9.8	73136.9	-0405.5	2119	9.5	74457.5	-0400.4
1850	9.2	70424.7	-0441.4	1940	9.3	71805.4	-0420.1	2030	9.6	73139.9	-0424.8	2120	9.4	74512.2	-0413.9
1851	9.0	70429.6	-0449.1	1941	9.0	71811.5	-0407.5	2031	8.4	73142.0	-0428.9	2121	9.4	74512.8	-0445.1
1852	9.0	70430.8	-0426.1	1942	9.3	71820.9	-0404.8	2032	9.4	73203.0	-0436.3	2122	9.5	74526.3	-0439.8
1853	9.2	70434.2	-0442.5	1943	7.4	71851.9	-0419.1	2033	9.6	73210.2	-0401.3	2123	9.1	74530.2	-0426.3
1854	10.	70448.8	-0427.1	1944	9.2	71853.0	-0414.1	2034	9.8	73211.6	-0417.4	2124	8.5	74530.6	-0420.7
1855	9.6	70503.3	-0438.2	1945	10.	71856.3	-0404.5	2035	9.5	73216.3	-0402.2	2125	9.5	74536.2	-0412.9
1856	9.5	70504.0	-0455.6	1946	9.6	71906.5	-0401.6	2036	10.	73216.7	-0416.3	2126	9.0	74552.7	-0430.0
1857	9.5	70511.3	-0415.2	1947	9.0	71923.5	-0408.3	2037	9.1	73219.8	-0448.4	2127	9.5	74608.2	-0425.6
1858	9.5	70518.3	-0449.9	1948	9.5	71925.7	-0423.2	2038	9.5	73237.9	-0430.6	2128	9.5	74620.3	-0403.5
1859	9.5	70540.5	-0437.5	1949	8.1	71926.2	-0402.1	2039	9.6	73239.2	-0449.8	2129	9.0	74624.3	-0426.0
1860	9.0	70631.4	-0408.3	1950	8.5	71938.0	-0455.8	2040	9.0	73243.7	-0458.2	2130	9.3	74630.8	-0444.5
1861	9.5	70631.9	-0457.3	1951	10.	71954.1	-0417.4	2041	9.7	73245.0	-0410.8	2131	9.4	74633.8	-0443.4
1862	7.8	70634.5	-0454.8	1952	8.4	71955.8	-0440.5	2042	8.5	73245.5	-0428.4	2132	9.1	74635.2	-0419.6
1863	9.5	70644.3	-0430.5	1953	9.4	72003.0	-0424.8	2043	9.2	73310.3	-0412.4	2133	8.5	74635.7	-0402.1
1864	9.5	70646.7	-0424.5	1954	9.2	72004.3	-0445.0	2044	9.5	73319.9	-0454.4	2134	9.1	74707.3	-0403.6
1865	9.3	70651.7	-0420.8	1955	8.6	72005.6	-0403.2	2045	9.0	73346.7	-0427.4	2135	8.8	74712.4	-0409.0
1866	9.2	70658.8	-0448.4	1956	9.2	72015.7	-0434.3	2046	9.5	73348.5	-0412.7	2136	9.8	74731.1	-0440.6
1867	9.5	70710.1	-0442.7	1957	9.4	72024.2	-0438.1	2047	9.0	73353.8	-0436.1	2137	9.8	74737.2	-0455.5
1868	9.3	70711.9	-0414.1	1958	8.8	72031.0	-0410.4	2048	9.3	73425.2	-0420.1	2138	9.8	74739.2	-0453.2
1869	9.5	70737.0	-0438.6	1959	9.5	72058.3	-0452.8	2049	9.5	73431.2	-0414.4	2139	9.8	74742.0	-0442.8
1870	9.4	70739.5	-0426.0	1960	9.8	72103.7	-0403.6	2050	9.5	73440.8	-0445.2	2140	9.8	74748.9	-0407.4
1871	9.8	70754.7	-0422.2	1961	9.8	72132.2	-0404.5	2051	9.5	73443.3	-0455.9	2141	8.0	74758.1	-0411.7
1872	9.1	70802.1	-0420.5	1962	9.0	72138.2	-0434.7	2052	9.4	73452.3	-0404.8	2142	9.3	74811.3	-0450.7
1873	8.2	70812.3	-0448.7	1963	9.5	72151.2	-0400.7	2053	9.4	73510.8	-0455.6	2143	8.3	74814.7	-0417.9
1874	9.5	70817.9	-0408.1	1964	9.1	72152.3	-0447.8	2054	9.8	73515.7	-0424.7	2144	9.1	74822.8	-0433.5
1875	9.8	70819.4	-0402.5	1965	7.8	72203.6	-0414.9	2055	9.5	73525.7	-0425.2	2145	9.0	74825.7	-0438.4
1876	9.5	70828.4	-0412.6	1966	9.3	72215.0	-0418.0	2056	9.3	73534.1	-0414.3	2146	9.7	74837.5	-0452.8
1877	9.4	70831.3	-0426.5	1967	8.7	72223.7	-0443.5	2057	9.3	73556.7	-0418.4	2147	9.4	74847.3	-0405.6
1878	9.2	70842.8	-0411.3	1968	9.8	72228.8	-0407.5	2058	9.0	73601.0	-0438.2	2148	9.0	74847.7	-0458.4
1879	9.8	70846.5	-0456.4	1969	9.6	72231.3	-0409.9	2059	9.5	73601.0	-0431.6	2149	9.1	74848.1	-0448.2
1880	10.	70857.4	-0408.9	1970	8.5	72237.1	-0454.1	2060	9.0	73605.3	-0450.1	2150	9.0	74933.8	-0413.6
1881	9.8	70918.6	-0458.6	1971	9.4	72245.3	-0456.3	2061	9.0	73614.2	-0456.3	2151	9.1	74939.0	-0414.3
1882	8.0	70924.2	-0446.8	1972	9.5	72249.2	-0425.1	2062	7.1	73620.2	-0420.3	2152	9.5	74939.7	-0438.0
1883	9.3	70936.4	-0433.8	1973	9.0	72251.2	-0433.3	2063	6.9	73626.8	-0421.8	2153	9.5	74939.9	-0418.0
1884	9.1	70941.9	-0416.7	1974	9.5	72256.0	-0459.6	2064	8.6	73638.9	-0415.6	2154	9.3	75020.2	-0420.2
1885	8.5	70953.5	-0407.5	1975	9.0	72258.2	-0439.4	2065	9.4	73642.7	-0418.5	2155	9.5	75028.2	-0400.4
1886	8.7	71002.6	-0432.4	1976	8.2	72306.7	-0417.1	2066	9.6	73648.6	-0428.5	2156	9.5	75055.4	-0411.9
1887	9.5	71014.9	-0431.2	1977	9.3	72319.2	-0439.2	2067	8.5	73703.1	-0409.8	2157	9.4	75108.4	-0455.1
1888	9.0	71022.2	-0454.7	1978	9.8	72335.2	-0434.4	2068	9.3	73706.0	-0415.0	2158	8.4	75136.1	-0433.1
1889	9.5	71044.3	-0419.0	1979	6.9	72341.7	-0455.5	2069	8.0	73709.6	-0443.1	2159	8.8	75156.8	-0451.9
1890	9.7	71103.2	-0442.4	1980	9.1	72348.6	-0409.7	2070	9.2	73711.9	-0429.7	2160	8.5	75212.0	-0432.2
1891	9.3	71103.9	-0456.9	1981	9.2	72354.7	-0429.5	2071	9.5	73721.6	-0443.5	2161	9.2	75213.2	-0417.6
1892	9.5	71108.9	-0448.1	1982	9.5	72405.3	-0443.0	2072	9.7	73731.7	-0426.4	2162	7.9	75229.8	-0447.9
1893	8.7	71110.9	-0403.5	1983	9.3	72408.6	-0424.4	2073	9.7	73738.0	-0419.5	2163	9.5	75245.3	-0436.9
1894	9.5	71117.0	-0406.	1984	8.0	72418.2	-0422.8	2074	9.5	73741.9	-0457.6	2164	9.4	75248.9	-0426.0
1895	9.5	71119.1	-0419.	1985	9.5	72426.2	-0437.9	2075	7.2	73759.7	-0406.5	2165	9.1	75255.2	-0420.0
1896	9.5	71119.4	-0411.	1986	9.0	72434.7	-0403.5	2076	9.4	73802.8	-0432.0	2166	7.0	75316.8	-0429.6
1897	9.5	71135.9	-0422.5	1987	9.0	72435.2	-0404.3	2077	8.7	73803.9	-0457.5	2167	9.4	75322.8	-0435.8
1898	9.7	71142.9	-0400.	1988	8.3	72459.8	-0444.1	2078	9.1	73822.3	-0402.1	2168	8.0	75326.7	-0411.9
1899	9.4	71145.9	-0432.	1989	9.3	72503.2	-0459.4	2079	9.4	73822.5	-0415.2	2169	8.3	75329.8	-0443.4
1900	8.6	71147.3	-0458.	1990	9.5	72510.8	-0457.9	2080	9.4	73909.8	-0427.0	2170	8.0	75333.7	-0407.7
1901	10.	71155.1	-0407.	1991	9.3	72519.6	-0413.6	2081	9.5	73915.8	-0434.5	2171	9.1	75334.6	-0432.9
1902	10.	71210.9	-0434.	1992	9.5	72528.3	-0455.1	2082	9.8	73918.3	-0401.9	2172	8.5	75336.1	-0440.7
1903	9.8	71224.4	-0423.5	1993	9.8	72531.9	-0404.3	2083	9.5	73930.8	-0456.9	2173	7.8	75336.8	-0422.0
1904	9.0	71226.1	-0411.	1994	9.5	72536.2	-0405.1	2084	10.	73936.5	-0411.1	2174	8.8	75337.3	-0433.6
1905	9.4	71229.0	-0435.	1995	9.3	72540.6	-0458.3	2085	9.0	73940.2	-0438.7	2175	8.6	75402.7	-0414.5
1906	9.5	71229.7	-0404.	1996	8.5	72615.3	-0409.	2086	9.0	73944.3	-0435.9	2176	8.7	75419.3	-0422.3
1907	7.8	71246.1	-0419.	1997	9.8	72615.5	-0430.	2087	9.5	74008.9	-0459.	2177	9.7	75421.1	-0405.
1908	7.3	71255.5	-0443.	1998	9.5	72622.9	-0454.	2088	9.5	74018.8	-0443.	2178	9.3	75426.8	-0457.
1909	9.3	71301.0	-0403.	1999	9.5	72635.2	-0427.	2089	9.2	74028.0	-0409.	2179	9.8	75435.0	-0407.
1910	9.4	71303.6	-0419.	2000	9.8	72636.9	-0419.	2090	9.7	74042.	-0458.	2180	8.5	75440.	-0423.
1911	9.1	71311.5	-0456.	2001	9.0	72648.2	-0427.	2091	9.5	74046.	-0419.	2181	9.5	75452.	-0456.
1912	9.0	71313.9	-0440.	2002	9.2	72651.2	-0414.	2092	8.5	74111.	-0425.	2182	9.1	75454.	-0417.
1913	9.2	71317.4	-0449.	2003	9.6	72651.4	-0454.	2093	9.5	74137.	-0419.	2183	9.5	75457.	-0414.
1914	9.5	71329.0	-0435.	2004	9.5	72727.7	-0401.	2094	9.8	74149.	-0402.	2184	9.5	75459.	-0425.
1915	8.8	71338.9	-0459.	2005	9.4	72734.7	-0427.	2095	9.1	74149.	-0453.	2185	9.8	75508.	-0400.
1916	9.5	71352.0	-0436.	2006	9.8	72735.	-0418.	2096	9.0	74151.	-0440.	2186	9.4	75515.	-0404.
1917	9.0	71352.6	-0429.	2007	9.3	72746.	-0444.	2097	7.9	74159.	-0417.	2187	10.	75532.	-0410.
1918	8.8	71355.8	-0458.	2008	9.2	72748.	-0423.	2098	9.1	74204.	-0437.	2188	9.8	75534.	-0447.
1919	9.5	71409.	-0421.	2009	9.2	72754.	-0430.	2099	9.3	74220.	-0413.	2189	9.8	75538.	-0459.
1920	9.0	71413.	-0415.	2010	8.5	72759.	-0405.	2100	8.9	74222.	-0417.	2190	9.1	75540.	-0410.
1921	9.3	71414.	-0459.	2011	9.0	72808.	-0418.	2101	9.2	74223.	-0403.	2191	9.4	75548.	-0427.
1922	9.1	71431.	-0421.	2012	9.5	72811.	-0412.	2102	9.0	74246.	-0410.	2192	9.5	75610.	-0421.
1923	9.7	71511.	-0435.	2013	8.9	72815.	-0452.	2103	9.2	74308.	-0415.	2193	9.3	75618.	-0426.
1924	9.2	71516.	-0457.	2014	9.8	72856.	-0436.	2104	8.5	74336.	-0443.	2194	9.4	75632.	-0435.
1925	9.2	71533.	-0459.	2015	9.5	72919.	-0420.	2105	9.2	74339.	-0443.	2195	9.8	75633.	-0401.
1926	8.5	71537.	-0457.	2016	9.1	72927.	-0401.	2106	9.2	74345.	-0418.	2196	9.4	75641.	-0438.
1927	8.9	71609.	-0409.	2017	9.0	72940.	-0431.	2107	9.7	74349.	-0408.	2197	7.5	75657.	-0425.
1928	9.5	71617.	-0418.	2018	9.1	72940.	-0412.	2108	9.2	74355.	-0415.	2198	10.	75715.	-0401.
1929	9.4	71627.	-0455.	2019	9.4	72954.	-0416.	2109	9.5	74403.	-0441.	2199	9.3	75717.	-0435.
1930	8.5	71642.	-0459.	2020	9.7	72958.	-0449.	2110	8.9	74407.	-0449.	2200	9.7	75722.	-0457.
1931	9.3	71649.	-0429.	2021	9.7	73010.	-0457.	2111	9.2	74407.	-0442.	2201	8.3	75724.	-0451.
1932	9.7	71711.	-0434.	2022	9.1	73029.	-0440.	2112	10.	74413.	-0410.	2202	9.5	75728.	-0435.
1933	8.8	71716.	-0419.	2023	9.5	73046.	-0418.	2113	9.3	74413.	-0420.	2203	9.5	75737.	-0455.
1934	9.7	71720.	-0422.	2024	9.8	73051.	-0401.	2114	10.	74414.	-0402.	2204	9.2	75737.	-0459.
1935	9.5	71721.	-0421.	2025	9.1	73056.	-0431.	2115	10.	74428.	-0410.	2205	9.3	75748.	-0400.
1936	9.6	71728.	-0403.	2026	9.5	73102.	-0403.	2116	9.5	74438.	-0412.	2206	9.5	75753.	-0410.

-04 2207 7h57m -04 2566 9h05m

2207	9.8	75754.9	-0401.1	2297	9.2	81200.4	-0415.1	2387	10.	82736.3	-0458.8	2477	9.6	84428.9	-0434.0
2208	8.5	75802.0	-0407.0	2298	9.5	81201.5	-0459.0	2388	10.	82745.0	-0401.5	2478	9.1	84457.0	-0420.1
2209	9.0	75808.9	-0454.2	2299	8.5	81202.7	-0405.2	2389	9.3	82754.7	-0404.7	2479	9.4	84517.5	-0406.7
2210	8.7	75822.0	-0438.3	2300	9.1	81204.6	-0442.2	2390	9.7	82805.6	-0409.7	2480	9.3	84530.2	-0420.4
2211	9.5	75822.1	-0421.0	2301	9.8	81235.6	-0408.2	2391	9.5	82819.1	-0409.2	2481	9.4	84532.6	-0449.2
2212	8.3	75828.0	-0414.9	2302	9.1	81246.4	-0441.6	2392	9.8	82838.5	-0404.0	2482	9.9	84537.9	-0435.4
2213	9.5	75849.5	-0402.6	2303	6.5	81305.6	-0452.2	2393	9.9	82841.6	-0445.8	2483	9.1	84547.0	-0405.5
2214	8.8	75904.0	-0401.9	2304	9.0	81317.1	-0407.8	2394	9.4	82844.7	-0449.9	2484	10.	84609.5	-0413.8
2215	9.4	75908.9	-0456.1	2305	8.3	81324.5	-0421.8	2395	9.8	82855.3	-0425.5	2485	9.8	84621.2	-0413.0
2216	9.1	75912.7	-0424.7	2306	8.3	81328.9	-0442.8	2396	9.8	82904.7	-0459.3	2486	10.	84626.7	-0415.3
2217	9.5	75915.8	-0429.4	2307	9.6	81339.4	-0421.4	2397	9.7	82935.8	-0456.7	2487	9.8	84642.0	-0442.5
2218	8.8	75921.0	-0434.0	2308	9.1	81340.0	-0403.8	2398	9.8	82951.2	-0411.7	2488	9.5	84655.5	-0406.5
2219	9.1	75923.8	-0429.8	2309	7.8	81340.9	-0424.7	2399	9.8	82957.7	-0437.1	2489	9.0	84701.4	-0401.6
2220	8.2	75925.5	-0455.2	2310	8.7	81402.0	-0406.5	2400	9.4	83006.4	-0427.9	2490	6.0	84708.7	-0453.0
2221	9.2	75942.4	-0452.6	2311	9.6	81414.5	-0447.4	2401	6.2	83013.3	-0426.4	2491	8.4	84718.5	-0444.7
2222	9.5	75946.3	-0428.9	2312	9.5	81417.5	-0404.6	2402	9.2	83018.0	-0404.4	2492	9.8	84728.0	-0404.1
2223	9.3	75955.2	-0425.8	2313	9.7	81429.1	-0414.5	2403	9.4	83021.6	-0450.0	2493	9.7	84731.8	-0456.1
2224	9.4	75957.3	-0429.1	2314	10.	81431.7	-0457.0	2404	10.	83030.9	-0412.1	2494	9.7	84735.0	-0443.8
2225	8.7	80020.5	-0404.4	2315	9.0	81454.0	-0438.8	2405	9.2	83053.6	-0459.3	2495	9.5	84806.9	-0439.8
2226	10.	80039.3	-0406.4	2316	10.	81506.3	-0424.8	2406	9.5	83054.7	-0421.6	2496	9.5	84901.3	-0433.2
2227	10.	80042.2	-0413.3	2317	9.8	81538.5	-0447.1	2407	9.0	83130.8	-0408.6	2497	9.9	84919.1	-0451.1
2228	9.2	80044.3	-0423.3	2318	9.0	81549.0	-0406.6	2408	9.7	83154.7	-0404.1	2498	9.5	84930.7	-0419.4
2229	8.6	80046.6	-0434.4	2319	9.3	81554.6	-0410.0	2409	9.5	83201.5	-0442.1	2499	8.9	84936.2	-0410.3
2230	9.4	80105.8	-0445.9	2320	8.9	81614.9	-0441.5	2410	8.0	83211.2	-0421.7	2500	9.1	84941.5	-0445.1
2231	9.4	80117.7	-0424.6	2321	9.8	81619.5	-0447.1	2411	8.7	83212.7	-0435.1	2501	9.1	85010.2	-0428.0
2232	9.5	80120.2	-0418.9	2322	9.8	81641.4	-0417.0	2412	10.	83216.8	-0423.9	2502	9.6	85027.9	-0425.7
2233	9.4	80128.4	-0418.2	2323	9.8	81647.6	-0453.5	2413	9.4	83217.9	-0450.7	2503	6.8	85044.3	-0418.2
2234	9.0	80147.9	-0430.4	2324	8.8	81650.1	-0418.9	2414	9.2	83251.0	-0436.4	2504	9.8	85057.6	-0401.0
2235	7.5	80202.6	-0407.9	2325	9.0	81707.7	-0403.4	2415	8.5	83258.5	-0414.2	2505	9.4	85129.6	-0452.7
2236	9.3	80218.5	-0406.6	2326	9.8	81711.3	-0440.5	2416	9.0	83314.9	-0437.1	2506	9.8	85131.2	-0425.6
2237	9.5	80220.8	-0455.4	2327	9.3	81714.8	-0414.8	2417	9.3	83329.8	-0427.6	2507	9.4	85135.8	-0428.8
2238	9.0	80237.1	-0446.4	2328	6.5	81723.7	-0415.0	2418	10.	83329.8	-0417.1	2508	8.3	85216.4	-0400.4
2239	9.1	80243.0	-0411.4	2329	8.9	81737.5	-0425.6	2419	9.0	83340.7	-0422.3	2509	9.5	85217.9	-0442.6
2240	9.5	80315.3	-0402.0	2330	9.4	81741.9	-0422.0	2420	9.1	83344.2	-0416.6	2510	9.5	85218.5	-0429.4
2241	9.2	80339.2	-0438.1	2331	10.	81807.5	-0405.3	2421	7.8	83404.0	-0417.6	2511	9.4	85230.5	-0441.9
2242	8.3	80343.0	-0429.4	2332	9.5	81809.0	-0406.9	2422	9.5	83404.4	-0430.1	2512	9.0	85232.2	-0413.0
2243	9.1	80412.6	-0436.6	2333	9.4	81824.3	-0434.4	2423	8.8	83408.5	-0403.9	2513	8.5	85235.6	-0413.5
2244	9.6	80423.6	-0445.6	2334	8.8	81845.6	-0425.4	2424	9.9	83429.2	-0448.0	2514	8.7	85302.7	-0422.7
2245	9.2	80432.4	-0453.3	2335	9.5	81852.5	-0426.0	2425	8.6	83449.2	-0411.1	2515	9.8	85319.3	-0441.7
2246	9.6	80434.4	-0440.9	2336	9.5	81854.9	-0411.0	2426	9.4	83504.6	-0413.1	2516	10.	85323.3	-0409.3
2247	9.1	80453.5	-0454.6	2337	8.5	81908.5	-0413.8	2427	8.7	83534.5	-0406.5	2517	9.5	85357.2	-0429.5
2248	9.5	80454.2	-0455.2	2338	9.8	81922.4	-0420.9	2428	9.1	83544.2	-0402.5	2518	9.3	85414.5	-0406.7
2249	9.8	80506.4	-0454.8	2339	9.2	81939.1	-0450.7	2429	9.5	83551.6	-0455.2	2519	8.3	85445.3	-0428.2
2250	9.7	80512.7	-0449.7	2340	9.3	81940.9	-0444.0	2430	9.5	83552.6	-0409.5	2520	9.8	85454.2	-0428.6
2251	9.2	80513.8	-0451.4	2341	9.0	81941.9	-0410.3	2431	9.5	83609.9	-0428.1	2521	9.1	85456.3	-0430.4
2252	9.4	80514.8	-0403.4	2342	9.5	81956.7	-0402.6	2432	10.	83629.4	-0431.8	2522	8.3	85501.1	-0453.1
2253	9.8	80523.3	-0434.9	2343	9.3	81958.1	-0445.5	2433	9.8	83633.1	-0409.5	2523	9.1	85509.0	-0451.9
2254	9.5	80536.1	-0408.2	2344	9.5	81959.1	-0431.2	2434	9.8	83644.5	-0406.0	2524	9.8	85513.1	-0422.4
2255	9.5	80613.7	-0408.4	2345	9.3	82000.2	-0446.5	2435	8.5	83707.9	-0434.4	2525	9.2	85513.4	-0401.8
2256	9.2	80626.4	-0440.4	2346	9.8	82015.0	-0426.3	2436	9.5	83712.6	-0448.5	2526	8.9	85516.0	-0406.3
2257	9.1	80634.0	-0448.4	2347	7.5	82024.2	-0449.3	2437	10.	83718.0	-0443.1	2527	9.0	85522.6	-0453.4
2258	9.8	80635.5	-0437.3	2348	9.1	82026.9	-0413.0	2438	9.3	83719.5	-0446.7	2528	10.	85552.1	-0402.0
2259	8.2	80644.3	-0413.2	2349	10.	82033.7	-0456.6	2439	9.7	83727.2	-0412.6	2529	9.2	85617.3	-0434.6
2260	9.5	80645.1	-0440.5	2350	8.8	82037.6	-0406.5	2440	9.1	83740.4	-0433.6	2530	6.8	85629.7	-0436.0
2261	9.3	80646.9	-0441.9	2351	10.	82101.0	-0457.8	2441	8.8	83756.6	-0413.6	2531	9.0	85711.2	-0425.3
2262	9.4	80647.2	-0400.8	2352	10.	82118.5	-0438.6	2442	9.3	83800.6	-0455.0	2532	8.6	85721.4	-0400.9
2263	9.5	80648.7	-0457.4	2353	9.3	82120.9	-0434.7	2443	10.	83807.5	-0417.2	2533	8.2	85741.9	-0406.0
2264	9.4	80648.8	-0437.3	2354	9.2	82126.8	-0424.5	2444	9.9	83828.9	-0429.8	2534	9.0	85746.9	-0403.1
2265	9.5	80655.0	-0453.1	2355	9.0	82128.0	-0404.6	2445	9.8	83830.9	-0414.0	2535	9.8	85753.0	-0454.0
2266	9.0	80720.7	-0415.7	2356	10.	82132.0	-0439.0	2446	9.8	83853.6	-0414.7	2536	9.3	85759.3	-0429.8
2267	9.8	80726.6	-0452.9	2357	9.4	82134.7	-0454.0	2447	9.0	83858.5	-0437.8	2537	8.5	85806.7	-0406.8
2268	9.6	80731.9	-0444.6	2358	9.6	82153.0	-0405.1	2448	9.0	83908.9	-0403.0	2538	8.9	85812.9	-0453.9
2269	9.8	80801.0	-0446.2	2359	9.8	82200.6	-0451.5	2449	10.	83917.5	-0443.1	2539	9.8	85819.8	-0424.2
2270	9.1	80819.7	-0408.0	2360	9.8	82207.7	-0451.1	2450	9.9	83925.5	-0438.9	2540	10.	85819.9	-0413.0
2271	9.6	80822.3	-0435.7	2361	9.4	82213.5	-0437.5	2451	9.5	83930.0	-0417.3	2541	9.5	85820.2	-0404.3
2272	8.8	80828.1	-0432.5	2362	10.	82237.2	-0451.3	2452	9.5	83931.3	-0415.0	2542	9.9	85906.3	-0412.9
2273	9.5	80838.3	-0405.4	2363	9.5	82244.7	-0451.7	2453	9.5	83956.3	-0415.5	2543	9.5	85945.1	-0421.5
2274	10.	80845.7	-0410.8	2364	9.4	82248.4	-0432.1	2454	9.5	84013.9	-0436.9	2544	8.7	85946.8	-0420.0
2275	8.9	80855.0	-0448.6	2365	9.6	82253.0	-0435.3	2455	10.	84023.2	-0459.8	2545	9.5	90024.6	-0430.0
2276	9.3	80856.3	-0410.9	2366	9.9	82254.5	-0438.4	2456	8.3	84038.9	-0454.2	2546	8.3	90029.2	-0440.9
2277	9.8	80857.9	-0400.3	2367	9.3	82328.0	-0404.0	2457	9.6	84045.6	-0413.8	2547	9.8	90125.4	-0420.8
2278	9.1	80900.1	-0405.1	2368	9.4	82329.1	-0454.6	2458	9.2	84103.7	-0414.8	2548	10.	90130.5	-0455.0
2279	9.8	80904.0	-0445.4	2369	9.5	82340.6	-0442.9	2459	9.5	84134.2	-0414.1	2549	8.0	90132.1	-0432.2
2280	9.1	80904.5	-0434.7	2370	9.4	82413.5	-0449.8	2460	9.9	84146.8	-0435.5	2550	10.	90133.5	-0415.7
2281	9.5	80906.2	-0409.4	2371	10.	82415.0	-0443.8	2461	7.5	84150.7	-0442.3	2551	8.8	90137.9	-0439.7
2282	9.8	80929.1	-0451.7	2372	10.	82426.8	-0454.3	2462	9.9	84215.4	-0408.9	2552	9.1	90138.9	-0403.4
2283	9.8	80940.0	-0422.2	2373	9.5	82431.9	-0430.2	2463	9.9	84221.7	-0445.5	2553	9.8	90156.1	-0432.4
2284	7.4	80946.5	-0458.5	2374	9.8	82438.8	-0406.0	2464	9.4	84230.1	-0439.4	2554	9.1	90204.2	-0439.1
2285	9.0	80949.0	-0451.6	2375	9.9	82443.3	-0422.8	2465	8.9	84237.6	-0411.9	2555	9.4	90227.9	-0414.2
2286	9.2	80951.4	-0445.4	2376	8.8	82451.5	-0418.3	2466	9.5	84238.1	-0404.5	2556	9.5	90238.3	-0448.4
2287	9.2	81003.3	-0412.1	2377	7.5	82506.4	-0437.1	2467	8.7	84252.0	-0442.4	2557	9.6	90242.8	-0458.5
2288	7.5	81005.4	-0455.5	2378	9.5	82556.1	-0445.9	2468	9.1	84309.6	-0459.1	2558	9.8	90248.9	-0432.7
2289	10.	81008.4	-0417.0	2379	7.0	82559.0	-0443.9	2469	7.1	84322.8	-0409.6	2559	9.0	90249.4	-0400.8
2290	10.	81009.6	-0405.8	2380	8.0	82605.2	-0449.7	2470	8.8	84333.5	-0451.2	2560	9.1	90321.8	-0401.6
2291	8.8	81017.0	-0421.9	2381	10.	82629.9	-0424.0	2471	8.8	84336.4	-0422.6	2561	9.3	90327.2	-0403.2
2292	9.8	81031.2	-0431.2	2382	9.1	82638.8	-0428.0	2472	10.	84359.0	-0441.2	2562	9.1	90411.9	-0439.1
2293	8.8	81126.8	-0443.0	2383	8.3	82639.6	-0400.1	2473	9.7	84411.6	-0456.7	2563	9.5	90412.0	-0422.0
2294	9.0	81130.7	-0456.4	2384	10.	82641.0	-0415.4	2474	8.1	84422.5	-0407.4	2564	8.2	90506.5	-0407.9
2295	9.8	81136.1	-0413.6	2385	9.8	82704.9	-0411.9	2475	8.8	84425.1	-0451.6	2565	7.8	90518.7	-0442.2
2296	9.8	81151.8	-0432.1	2386	9.0	82722.1	-0439.6	2476	9.1	84427.3	-0429.1	2566	8.5	90547.6	-0435.5

2567	9.0	90556.9	-0404.6	2657	9.2	92684.6	-0442.7	2747	9.5	[illegible]		2837	9.9	101157.4	-0444.1
2568	10.	90622.4	-0457.5	2658	9.2	92621.4	-0426.9	2748	9.6	[illegible]		2838	10.	101207.4	-0447.5
2569	9.7	90625.0	-0410.9	2659	9.2	92625.0	-0432.9	2749	10.	[illegible]		2839	8.7	101208.7	-0454.6
2570	10.	90625.3	-0428.4	2660	9.0	92647.3	-0427.4	2750	9.0	[illegible]		2840	6.5	101213.6	-0422.6
2571	9.5	90700.2	-0442.4	2661	10.	92654.3	-0442.2	2751	9.5	[illegible]		2841	8.0	101217.7	-0430.0
2572	9.0	90713.4	-0404.6	2662	9.0	92658.4	-0457.5	2752	8.6	[illegible]		2842	9.1	101247.3	-0423.1
2573	8.0	90718.5	-0453.9	2663	10.	92719.8	-0431.1	2753	8.6	[illegible]		2843	9.9	101254.2	-0431.6
2574	9.5	90749.4	-0453.5	2664	9.2	92729.6	-0431.1	2754	9.7	[illegible]		2844	10.	101324.7	-0421.4
2575	9.1	90810.1	-0417.3	2665	9.1	92734.9	-0431.1	2755	9.6	[illegible]		2845	10.	101326.5	-0423.3
2576	8.5	90831.2	-0449.0	2666	7.5	92746.7	-0414.8	2756	9.8	[illegible]		2846	7.0	101336.7	-0439.1
2577	9.5	90835.4	-0406.6	2667	7.7	92752.1	-0443.7	2757	7.3	[illegible]		2847	7.0	101348.8	-0441.2
2578	9.8	90840.4	-0458.3	2668	9.5	92810.4	-0445.7	2758	9.1	[illegible]		2848	9.3	101351.7	-0431.6
2579	8.9	90840.9	-0415.9	2669	9.4	92840.1	-0448.5	2759	9.1	[illegible]		2849	9.6	101426.2	-0434.9
2580	8.5	90852.9	-0415.9	2670	9.1	92841.0	-0443.9	2760	10.	[illegible]		2850	9.8	101432.1	-0447.6
2581	9.8	90903.5	-0424.4	2671	9.2	92848.6	-0446.1	2761	9.4	[illegible]		2851	10.	101449.7	-0422.6
2582	9.5	90908.1	-0438.0	2672	10.	92855.0	-0441.8	2762	9.0	[illegible]		2852	9.6	101514.0	-0449.7
2583	9.8	90916.2	-0441.3	2673	9.1	92920.8	-0408.1	2763	9.2	[illegible]		2853	9.6	101521.5	-0439.7
2584	9.1	90918.7	-0441.8	2674	9.8	92935.2	-0456.7	2764	8.5	[illegible]		2854	10.	101534.4	-0414.8
2585	9.8	90938.4	-0458.5	2675	9.5	92938.5	-0438.2	2765	9.2	[illegible]		2855	9.1	101537.6	-0402.4
2586	9.0	91008.7	-0448.0	2676	9.5	93000.8	-0410.9	2766	9.6	[illegible]		2856	9.5	101548.6	-0409.7
2587	8.7	91030.5	-0457.6	2677	9.9	93000.9	-0401.0	2767	10.	[illegible]		2857	9.6	101626.5	-0456.4
2588	9.4	91036.7	-0452.2	2678	9.1	93028.4	-0404.9	2768	9.8	[illegible]		2858	9.6	101640.3	-0428.1
2589	9.9	91038.3	-0454.4	2679	10.	93034.0	-0440.0	2769	10.	[illegible]		2859	10.	101641.2	-0418.4
2590	8.5	91109.9	-0417.6	2680	9.3	93047.3	-0427.3	2770	10.	[illegible]		2860	9.8	101643.1	-0424.0
2591	9.8	91119.6	-0419.0	2681	8.0	93056.4	-0431.1	2771	8.9	[illegible]		2861	7.3	101646.8	-0411.7
2592	9.5	91146.4	-0402.5	2682	9.5	93102.5	-0405.9	2772	9.4	[illegible]		2862	9.4	101719.3	-0447.0
2593	9.7	91156.7	-0456.2	2683	9.1	93103.2	-0439.6	2773	9.5	[illegible]		2863	10.	101719.6	-0427.1
2594	8.7	91157.4	-0442.7	2684	9.5	93116.9	-0419.1	2774	9.2	[illegible]		2864	10.	101725.7	-0458.3
2595	9.2	91206.7	-0415.0	2685	9.9	93143.6	-0446.6	2775	7.7	[illegible]		2865	10.	101743.9	-0415.8
2596	8.2	91322.9	-0430.6	2686	9.3	93157.6	-0403.8	2776	9.8	[illegible]		2866	9.8	101800.0	-0454.6
2597	9.5	91400.6	-0412.3	2687	9.8	93200.6	-0438.6	2777	9.2	[illegible]		2867	9.9	101843.2	-0445.1
2598	9.4	91411.3	-0405.0	2688	9.5	93229.3	-0418.2	2778	9.3	[illegible]		2868	9.8	101844.3	-0447.5
2599	9.5	91425.5	-0431.7	2689	9.4	93244.5	-0448.5	2779	10.	[illegible]		2869	9.6	101852.1	-0405.9
2600	9.8	91447.3	-0454.0	2690	9.8	93246.5	-0442.0	2780	8.2	[illegible]		2870	9.6	101906.2	-0419.2
2601	9.5	91521.9	-0424.1	2691	9.5	93255.4	-0406.7	2781	9.1	[illegible]		2871	9.5	101910.6	-0421.2
2602	7.5	91535.6	-0425.7	2692	9.7	93408.5	-0437.7	2782	9.1	[illegible]		2872	9.4	101927.7	-0420.8
2603	8.3	91537.4	-0414.3	2693	9.1	93416.7	-0453.5	2783	9.8	[illegible]		2873	8.5	101941.6	-0456.2
2604	9.4	91549.4	-0424.5	2694	9.4	93419.1	-0447.5	2784	7.5	[illegible]		2874	10.	101956.8	-0412.7
2605	10.	91555.3	-0450.4	2695	9.9	93428.4	-0436.9	2785	9.5	[illegible]		2875	10.	102004.3	-0458.0
2606	9.1	91608.0	-0431.4	2696	9.8	93433.3	-0400.6	2786	9.1	[illegible]		2876	9.9	102016.9	-0437.5
2607	9.4	91636.2	-0446.0	2697	9.5	93436.1	-0417.5	2787	9.6	[illegible]		2877	9.8	102025.6	-0456.2
2608	7.8	91640.9	-0444.5	2698	9.1	93512.0	-0443.3	2788	9.7	[illegible]		2878	8.9	102041.6	-0404.7
2609	7.5	91647.3	-0450.6	2699	10.	93525.2	-0421.8	2789	9.2	[illegible]		2879	10.	102043.9	-0445.3
2610	8.6	91649.4	-0454.7	2700	10.	93536.1	-0416.8	2790	9.9	[illegible]		2880	9.6	102104.6	-0404.3
2611	8.5	91650.7	-0440.8	2701	9.0	93539.6	-0416.3	2791	8.7	[illegible]		2881	10.	102108.7	-0434.1
2612	8.8	91651.4	-0424.8	2702	9.9	93616.5	-0452.9	2792	9.9	[illegible]		2882	9.6	102110.6	-0427.7
2613	10.	91702.0	-0412.7	2703	10.	93642.8	-0418.0	2793	9.7	[illegible]		2883	9.9	102124.2	-0440.6
2614	9.0	91738.5	-0427.0	2704	8.7	93643.1	-0410.7	2794	9.1	[illegible]		2884	9.8	102126.8	-0409.8
2615	9.5	91809.6	-0452.1	2705	9.3	93658.0	-0454.5	2795	8.7	[illegible]		2885	9.8	102131.3	-0444.2
2616	5.5	91809.7	-0429.9	2706	9.8	93719.9	-0405.7	2796	10.	[illegible]		2886	9.9	102140.7	-0435.1
2617	9.3	91810.0	-0459.7	2707	9.7	93737.0	-0417.6	2797	9.7	[illegible]		2887	9.1	102149.3	-0446.6
2618	9.4	91813.6	-0406.8	2708	10.	93739.6	-0458.9	2798	9.0	[illegible]		2888	9.2	102217.0	-0459.2
2619	9.8	91815.2	-0443.0	2709	9.4	93742.2	-0426.5	2799	10.	[illegible]		2889	9.4	102224.6	-0458.3
2620	9.6	91824.0	-0418.9	2710	9.4	93752.5	-0401.3	2800	9.8	[illegible]		2890	9.4	102235.2	-0405.9
2621	9.2	91857.3	-0420.7	2711	9.1	93808.4	-0433.7	2801	10.	[illegible]		2891	9.2	102236.7	-0447.0
2622	8.2	91907.5	-0405.6	2712	10.	93820.9	-0403.9	2802	8.2	[illegible]		2892	9.8	102238.5	-0418.7
2623	9.4	91929.4	-0433.0	2713	9.4	93826.8	-0441.4	2803	9.2	[illegible]		2893	9.8	102246.3	-0410.4
2624	9.2	91934.0	-0449.9	2714	9.3	93849.5	-0416.2	2804	9.5	[illegible]		2894	9.1	102250.5	-0418.8
2625	9.1	91950.9	-0428.5	2715	9.2	93855.2	-0422.7	2805	9.5	[illegible]		2895	9.5	102305.6	-0432.1
2626	10.	91952.1	-0442.0	2716	9.8	93919.7	-0424.4	2806	9.3	[illegible]		2896	9.8	102310.5	-0406.1
2627	8.2	91952.8	-0407.8	2717	8.3	93928.8	-0433.3	2807	8.8	[illegible]		2897	9.6	102317.5	-0414.5
2628	8.4	92011.9	-0448.5	2718	9.4	93948.1	-0415.2	2808	9.8	[illegible]		2898	7.5	102355.0	-0436.7
2629	8.7	92038.7	-0451.7	2719	9.5	93949.5	-0409.9	2809	8.0	[illegible]		2899	10.	102412.2	-0437.5
2630	9.5	92044.6	-0442.0	2720	10.	94013.3	-0435.8	2810	9.2	[illegible]		2900	9.8	102431.9	-0424.5
2631	10.	92051.7	-0413.8	2721	9.5	94022.9	-0415.2	2811	10.	[illegible]		2901	9.9	102436.6	-0407.6
2632	9.0	92056.7	-0450.4	2722	9.5	94026.8	-0400.9	2812	8.7	[illegible]		2902	9.2	102444.1	-0417.8
2633	9.5	92127.0	-0432.0	2723	9.2	94033.1	-0416.6	2813	9.4	[illegible]		2903	10.	102450.5	-0424.7
2634	9.3	92130.1	-0456.3	2724	10.	94039.0	-0443.8	2814	9.6	[illegible]		2904	9.4	102458.6	-0417.9
2635	9.2	92132.2	-0451.6	2725	9.4	94106.2	-0430.2	2815	9.6	[illegible]		2905	10.	102459.5	-0426.0
2636	9.0	92137.8	-0425.0	2726	9.5	94151.6	-0450.0	2816	8.7	[illegible]		2906	9.5	102506.3	-0436.8
2637	9.5	92148.2	-0444.5	2727	9.5	94138.4	-0408.0	2817	7.9	[illegible]		2907	10.	102515.9	-0426.0
2638	9.5	92155.8	-0416.7	2728	8.2	94148.2	-0412.0	2818	9.5	[illegible]		2908	9.6	102521.2	-0402.2
2639	9.4	92223.6	-0444.7	2729	8.6	94207.5	-0412.9	2819	7.3	[illegible]		2909	9.6	102548.2	-0415.3
2640	9.9	92237.4	-0407.2	2730	9.4	94238.3	-0426.4	2820	10.	[illegible]		2910	9.8	102610.5	-0404.6
2641	9.4	92304.3	-0422.4	2731	9.4	94241.5	-0408.9	2821	8.6	[illegible]		2911	10.	102632.6	-0418.2
2642	9.7	92316.7	-0446.9	2732	9.2	94246.6	-0448.3	2822	9.4	[illegible]		2912	9.3	102643.7	-0449.8
2643	9.7	92319.3	-0411.5	2733	9.1	94249.9	-0456.7	2823	9.4	[illegible]		2913	9.7	102652.4	-0418.8
2644	9.3	92329.2	-0419.8	2734	9.1	94252.1	-0451.6	2824	10.	[illegible]		2914	10.	102706.2	-0457.2
2645	9.4	92330.5	-0409.7	2735	9.7	94310.0	-0424.6	2825	9.5	[illegible]		2915	9.8	102853.1	-0448.9
2646	9.8	92400.1	-0419.7	2736	7.5	94310.9	-0406.0	2826	9.6	[illegible]		2916	9.7	103054.5	-0443.5
2647	10.	92400.9	-0415.8	2737	10.	94314.3	-0417.5	2827	8.0	[illegible]		2917	9.7	103123.8	-0411.4
2648	10.	92401.0	-0456.9	2738	9.6	94316.6	-0458.1	2828	9.6	[illegible]		2918	9.7	103138.6	-0451.0
2649	9.5	92410.1	-0421.5	2739	9.3	94325.5	-0450.3	2829	10.	[illegible]		2919	9.9	103204.4	-0403.8
2650	9.2	92414.6	-0443.9	2740	9.8	94330.4	-0416.0	2830	8.7	[illegible]		2920	9.9	103205.9	-0407.2
2651	9.8	92420.9	-0405.7	2741	9.1	94345.3	-0418.6	2831	10.	[illegible]		2921	9.0	103251.1	-0447.5
2652	10.	92427.3	-0415.7	2742	8.3	94411.2	-0417.1	2832	9.9	[illegible]		2922	9.0	103411.9	-0402.5
2653	8.2	92436.4	-0426.6	2743	10.	94417.6	-0456.0	2833	10.	[illegible]		2923	9.8	103413.6	-0430.8
2654	9.0	92448.5	-0426.8	2744	8.8	94421.7	-0423.7	2834	9.8	[illegible]		2924	9.2	103415.9	-0451.1
2655	9.4	92514.6	-0408.9	2745	9.2	94457.5	-0451.8	2835	9.9	[illegible]		2925	9.0	103433.4	-0402.4
2656	9.1	92523.7	-0415.4	2746	9.8	94502.1	-0407.3	2836	10.	[illegible]		2926	9.3	103434.6	-0427.3

2927	9.2	103444.6	-0447.6	3017	9.8	110021.4	-0409.5	3107	9.8	112954.9	-0436.6	3197	9.4	115704.2	-0405.6
2928	10.	103505.9	-0405.1	3018	9.8	110145.2	-0403.7	3108	9.6	113005.9	-0459.5	3198	9.8	115711.8	-0419.4
2929	9.8	103513.4	-0433.4	3019	9.7	110232.9	-0414.8	3109	10.	113022.2	-0451.2	3199	8.7	115719.7	-0457.7
2930	10.	103528.0	-0417.0	3020	9.5	110236.5	-0449.5	3110	10.	113034.5	-0412.5	3200	9.4	115729.0	-0420.1
2931	9.9	103547.5	-0459.8	3021	9.8	110312.1	-0419.4	3111	9.8	113102.6	-0408.0	3201	9.5	115736.5	-0441.7
2932	9.6	103550.5	-0427.1	3022	7.5	110347.0	-0431.9	3112	9.2	113153.8	-0425.2	3202	9.8	115801.5	-0434.0
2933	9.7	103551.9	-0452.5	3023	9.7	110349.6	-0411.9	3113	8.5	113215.6	-0410.7	3203	8.5	115817.2	-0452.7
2934	9.5	103604.8	-0456.0	3024	7.7	110354.7	-0441.0	3114	8.5	113232.7	-0409.1	3204	10.	115846.3	-0435.1
2935	10.	103633.6	-0447.0	3025	8.5	110357.4	-0403.5	3115	10.	113243.8	-0450.0	3205	9.8	115853.8	-0449.3
2936	9.0	103646.5	-0447.2	3026	9.5	110401.1	-0413.0	3116	9.8	113301.2	-0425.0	3206	9.8	115856.1	-0406.2
2937	9.3	103648.0	-0443.0	3027	9.5	110511.4	-0438.4	3117	9.4	113302.1	-0401.8	3207	8.7	115932.8	-0415.4
2938	10.	103649.8	-0426.7	3028	7.2	110525.2	-0420.2	3118	9.5	113307.3	-0421.0	3208	9.4	115951.0	-0455.2
2939	9.2	103824.8	-0431.2	3029	9.8	110534.1	-0450.9	3119	9.3	113309.2	-0435.3	3209	9.4	120008.0	-0442.0
2940	9.6	103839.7	-0458.7	3030	8.2	110603.4	-0439.5	3120	8.0	113327.7	-0423.7	3210	9.8	120022.4	-0408.2
2941	8.5	103853.5	-0459.9	3031	9.9	110615.0	-0414.6	3121	9.8	113355.9	-0454.1	3211	8.8	120028.5	-0410.9
2942	9.0	103853.7	-0413.1	3032	9.7	110632.9	-0417.6	3122	10.	113420.0	-0419.3	3212	9.4	120039.2	-0422.7
2943	9.9	103904.8	-0403.5	3033	9.5	110658.5	-0414.2	3123	10.	113432.4	-0456.1	3213	9.5	120044.6	-0429.4
2944	9.5	103914.0	-0438.7	3034	9.5	110700.4	-0438.6	3124	9.8	113449.9	-0438.9	3214	9.2	120108.7	-0457.0
2945	9.3	103928.9	-0415.6	3035	10.	110701.3	-0429.7	3125	9.8	113459.9	-0414.5	3215	9.8	120115.1	-0401.6
2946	8.0	103929.1	-0437.3	3036	9.3	110728.5	-0416.4	3126	9.5	113505.3	-0455.0	3216	8.5	120133.7	-0420.6
2947	9.3	103932.0	-0416.9	3037	9.1	110728.5	-0410.2	3127	9.4	113507.3	-0450.0	3217	9.4	120139.5	-0413.1
2948	9.5	103954.9	-0436.6	3038	9.5	110749.3	-0448.0	3128	9.8	113514.9	-0418.1	3218	9.5	120142.6	-0432.8
2949	9.5	104017.4	-0434.1	3039	9.3	110755.9	-0449.5	3129	9.3	113538.8	-0411.4	3219	6.8	120222.2	-0424.8
2950	9.9	104029.3	-0405.2	3040	8.5	110801.0	-0408.6	3130	9.3	113555.2	-0411.0	3220	9.9	120230.9	-0409.8
2951	9.7	104045.6	-0410.0	3041	9.3	110812.4	-0401.2	3131	8.3	113601.4	-0438.4	3221	9.8	120255.2	-0425.4
2952	7.5	104149.4	-0438.4	3042	8.9	110905.8	-0412.4	3132	8.5	113646.3	-0446.2	3222	9.6	120313.4	-0406.7
2953	9.3	104200.5	-0444.1	3043	9.8	110923.7	-0456.4	3133	9.1	113658.7	-0424.9	3223	10.	120335.4	-0454.6
2954	8.6	104206.5	-0443.2	3044	8.7	110927.5	-0421.7	3134	10.	113713.2	-0443.7	3224	9.8	120338.8	-0421.7
2955	9.0	104254.6	-0453.2	3045	9.0	111015.0	-0435.5	3135	9.8	113826.6	-0425.8	3225	9.4	120351.1	-0417.9
2956	9.5	104255.9	-0407.1	3046	10.	111029.9	-0432.8	3136	9.9	113847.9	-0413.9	3226	9.7	120421.0	-0409.7
2957	9.1	104310.0	-0449.6	3047	10.	111044.8	-0452.9	3137	8.0	113857.3	-0432.4	3227	9.5	120426.0	-0433.9
2958	9.4	104316.7	-0421.2	3048	9.7	111052.4	-0423.9	3138	9.9	113934.8	-0427.6	3228	9.4	120445.6	-0429.2
2959	10.	104331.3	-0421.0	3049	7.2	111052.8	-0416.0	3139	9.5	113942.7	-0425.3	3229	9.7	120503.3	-0415.1
2960	9.4	104332.9	-0429.5	3050	9.8	111113.4	-0448.2	3140	8.0	113944.8	-0422.4	3230	9.0	120508.8	-0443.1
2961	9.4	104340.5	-0420.1	3051	9.6	111216.3	-0451.7	3141	10.	114005.7	-0433.3	3231	9.8	120517.2	-0416.6
2962	9.1	104341.1	-0454.4	3052	9.0	111244.4	-0426.4	3142	9.2	114007.0	-0439.4	3232	9.5	120528.3	-0444.4
2963	8.9	104351.6	-0453.4	3053	9.6	111303.8	-0405.7	3143	9.4	114007.5	-0421.9	3233	9.5	120602.3	-0444.0
2964	9.6	104356.6	-0451.3	3054	9.2	111327.1	-0400.4	3144	8.0	114007.6	-0426.9	3234	9.5	120608.7	-0447.1
2965	9.2	104418.7	-0423.1	3055	9.5	111352.5	-0440.2	3145	9.4	114026.1	-0411.0	3235	6.9	120649.6	-0454.6
2966	9.7	104437.9	-0456.4	3056	8.8	111359.3	-0420.7	3146	9.8	114047.9	-0457.4	3236	9.4	120649.8	-0410.0
2967	9.6	104528.8	-0407.1	3057	7.9	111424.4	-0455.4	3147	9.5	114106.2	-0418.8	3237	9.2	120659.9	-0435.0
2968	9.0	104545.9	-0446.0	3058	8.7	111459.5	-0421.1	3148	8.5	114142.5	-0458.5	3238	9.8	120813.1	-0406.3
2969	9.8	104547.4	-0449.2	3059	9.4	111506.6	-0408.8	3149	8.0	114228.2	-0402.6	3239	9.0	120840.2	-0422.1
2970	9.8	104549.5	-0411.2	3060	9.2	111514.5	-0429.1	3150	9.6	114307.8	-0446.1	3240	9.5	120849.2	-0451.8
2971	10.	104604.7	-0410.2	3061	9.5	111528.9	-0437.6	3151	9.0	114331.8	-0447.8	3241	9.4	120901.1	-0453.4
2972	9.0	104614.8	-0438.0	3062	9.8	111545.0	-0452.1	3152	6.0	114338.0	-0431.4	3242	9.5	120919.5	-0432.8
2973	10.	104718.9	-0445.8	3063	9.1	111546.2	-0432.7	3153	9.8	114405.8	-0445.3	3243	9.4	120923.3	-0446.3
2974	9.8	104816.8	-0413.2	3064	10.	111555.7	-0404.6	3154	8.9	114406.2	-0405.1	3244	9.5	121003.9	-0432.0
2975	7.9	104823.4	-0446.9	3065	9.0	111600.0	-0419.8	3155	8.0	114425.9	-0457.0	3245	9.3	121036.7	-0420.5
2976	9.6	104835.1	-0421.0	3066	9.9	111644.2	-0411.7	3156	9.6	114515.7	-0421.2	3246	9.5	121053.4	-0452.4
2977	8.7	104919.8	-0441.8	3067	9.7	111718.0	-0445.4	3157	9.8	114555.5	-0442.8	3247	8.4	121057.8	-0413.0
2978	9.4	104923.8	-0417.2	3068	9.7	111730.6	-0420.5	3158	8.8	114610.9	-0416.0	3248	9.6	121146.5	-0409.6
2979	10.	104940.7	-0416.5	3069	9.5	111835.2	-0407.5	3159	10.	114630.8	-0457.0	3249	9.7	121150.6	-0420.9
2980	9.5	104955.5	-0422.1	3070	9.5	111840.9	-0443.7	3160	9.6	114706.5	-0420.3	3250	8.8	121158.9	-0456.8
2981	9.0	105018.8	-0421.5	3071	9.0	111901.5	-0431.3	3161	9.3	114711.5	-0437.4	3251	9.4	121216.7	-0453.7
2982	9.2	105023.2	-0453.1	3072	9.5	111933.2	-0403.9	3162	7.0	114802.0	-0419.5	3252	9.4	121219.4	-0433.0
2983	9.6	105031.9	-0454.7	3073	10.	111937.7	-0455.2	3163	9.5	114812.5	-0453.8	3253	9.2	121224.9	-0436.3
2984	10.	105045.3	-0415.5	3074	10.	111952.4	-0450.5	3164	9.1	114826.8	-0459.2	3254	9.8	121256.7	-0414.8
2985	9.2	105053.7	-0429.0	3075	9.5	112005.7	-0415.3	3165	9.7	114858.3	-0433.0	3255	9.5	121329.3	-0415.8
2986	9.9	105059.9	-0445.5	3076	9.1	112035.6	-0451.0	3166	9.8	114904.5	-0419.0	3256	9.4	121337.7	-0449.5
2987	9.3	105119.7	-0433.2	3077	9.2	112037.1	-0435.6	3167	10.	114907.4	-0446.6	3257	9.8	121344.3	-0459.9
2988	9.4	105129.8	-0403.9	3078	9.5	112049.2	-0407.5	3168	9.0	114913.2	-0424.5	3258	9.0	121412.4	-0434.9
2989	9.2	105157.8	-0437.7	3079	9.8	112142.8	-0458.5	3169	9.1	114924.8	-0414.7	3259	10.	121452.7	-0449.8
2990	9.4	105159.1	-0406.0	3080	9.6	112155.1	-0420.3	3170	9.4	115009.1	-0430.6	3260	9.8	121507.4	-0436.8
2991	10.	105215.9	-0442.4	3081	9.1	112158.7	-0457.2	3171	9.0	115025.2	-0422.4	3261	8.9	121514.5	-0430.2
2992	10.	105218.7	-0459.8	3082	9.1	112230.2	-0409.6	3172	10.	115036.0	-0432.9	3262	9.5	121515.2	-0456.9
2993	8.8	105223.2	-0424.7	3083	10.	112326.5	-0436.0	3173	9.5	115036.3	-0451.2	3263	9.4	121527.3	-0440.2
2994	10.	105225.3	-0435.7	3084	8.5	112356.6	-0427.7	3174	9.0	115043.4	-0456.7	3264	9.8	121528.5	-0434.0
2995	9.9	105327.6	-0426.5	3085	9.4	112412.7	-0407.0	3175	9.4	115135.9	-0436.0	3265	8.5	121529.3	-0458.4
2996	8.7	105347.5	-0454.8	3086	9.7	112446.7	-0400.7	3176	10.	115213.2	-0459.8	3266	9.0	121535.2	-0447.0
2997	9.9	105436.1	-0431.7	3087	8.0	112500.5	-0449.3	3177	9.4	115239.7	-0429.8	3267	9.0	121544.3	-0406.2
2998	10.	105444.8	-0405.8	3088	9.4	112505.3	-0410.6	3178	9.5	115240.8	-0411.5	3268	6.5	121547.7	-0409.7
2999	9.8	105501.7	-0416.0	3089	8.5	112508.0	-0436.0	3179	9.1	115254.8	-0452.2	3269	10.	121559.1	-0422.2
3000	9.8	105534.8	-0440.8	3090	9.7	112515.0	-0418.4	3180	9.5	115258.2	-0459.2	3270	10.	121601.5	-0432.7
3001	8.6	105538.1	-0411.1	3091	9.3	112526.4	-0459.6	3181	8.7	115312.9	-0418.8	3271	9.3	121646.0	-0431.3
3002	9.1	105618.4	-0400.6	3092	9.0	112530.6	-0429.0	3182	9.4	115328.7	-0444.1	3272	9.4	121650.3	-0417.0
3003	10.	105631.7	-0438.8	3093	8.8	112542.5	-0448.2	3183	10.	115332.2	-0429.0	3273	8.5	121718.1	-0450.7
3004	9.8	105633.1	-0425.2	3094	9.4	112603.9	-0457.7	3184	9.4	115423.2	-0450.0	3274	9.1	121749.6	-0422.1
3005	9.3	105654.5	-0423.4	3095	10.	112638.1	-0429.0	3185	9.4	115452.0	-0459.4	3275	9.0	121753.9	-0424.5
3006	8.2	105704.4	-0436.5	3096	7.0	112658.0	-0443.5	3186	10.	115455.8	-0447.0	3276	8.0	121823.2	-0402.9
3007	9.5	105704.8	-0455.7	3097	9.5	112703.3	-0457.6	3187	9.1	115456.9	-0458.8	3277	9.9	121837.3	-0410.0
3008	9.8	105714.7	-0409.8	3098	9.0	112717.0	-0447.3	3188	9.5	115514.1	-0454.7	3278	9.4	121854.8	-0408.3
3009	9.4	105742.1	-0433.2	3099	8.2	112721.7	-0408.8	3189	8.7	115533.6	-0427.8	3279	9.4	121855.0	-0418.7
3010	9.5	105809.8	-0406.0	3100	9.1	112727.9	-0450.8	3190	9.3	115544.7	-0427.2	3280	9.7	121859.7	-0415.4
3011	8.7	105819.6	-0437.0	3101	9.7	112741.0	-0455.1	3191	10.	115549.5	-0441.9	3281	7.8	121920.1	-0447.3
3012	9.5	105835.7	-0404.2	3102	9.5	112813.8	-0425.1	3192	7.2	115610.0	-0440.1	3282	9.4	121921.0	-0452.8
3013	8.5	105839.7	-0436.1	3103	8.9	112832.7	-0415.4	3193	10.	115618.4	-0435.5	3283	9.2	121932.8	-0418.2
3014	8.8	105935.4	-0448.3	3104	9.2	112903.4	-0411.4	3194	9.6	115640.9	-0441.8	3284	9.8	122008.0	-0454.8
3015	9.8	110012.5	-0426.6	3105	9.8	112910.7	-0450.2	3195	9.3	115658.4	-0406.9	3285	9.8	122021.1	-0423.5
3016	9.5	110019.1	-0432.9	3106	10.	112943.9	-0420.6	3196	9.8	115659.7	-0456.8	3286	9.7	122027.0	-0428.0

3287	9.8	122051.3	-0444.1	3377	8.9	124815.6	-0415.0	3467	9.7	131517.5	-0442.1	3557	8.5	133920.4	-0443.1
3288	9.0	122105.1	-0448.0	3378	10.	124834.2	-0405.4	3468	9.7	131520.0	-0442.3	3558	9.8	133954.3	-0455.2
3289	9.8	122119.3	-0438.2	3379	7.2	124846.8	-0404.5	3469	6.0	131548.9	-0409.8	3559	10.	133958.2	-0416.2
3290	9.5	122124.2	-0459.1	3380	8.9	124853.6	-0437.2	3470	8.2	131625.3	-0423.8	3560	8.6	134023.4	-0452.3
3291	9.8	122126.1	-0403.4	3381	9.6	124928.5	-0410.2	3471	9.6	131644.4	-0402.9	3561	9.5	134054.8	-0427.7
3292	9.5	122245.3	-0401.9	3382	9.5	124952.0	-0444.8	3472	6.3	131700.5	-0424.4	3562	8.3	134058.6	-0442.4
3293	9.3	122253.9	-0433.1	3383	9.8	124953.1	-0434.5	3473	7.6	131708.9	-0409.2	3563	8.4	134143.7	-0454.3
3294	9.0	122340.3	-0431.3	3384	8.8	125022.3	-0431.4	3474	8.7	131716.2	-0429.8	3564	9.5	134145.3	-0448.9
3295	9.7	122345.6	-0416.9	3385	9.8	125028.4	-0443.9	3475	10.	131733.6	-0456.1	3565	9.6	134158.9	-0455.4
3296	6.3	122411.5	-0414.8	3386	9.8	125036.1	-0454.2	3476	9.9	131745.6	-0434.1	3566	9.8	134222.4	-0406.8
3297	8.4	122430.4	-0459.3	3387	10.	125103.9	-0455.2	3477	10.	131810.3	-0404.6	3567	9.0	134252.7	-0446.3
3298	9.4	122512.1	-0423.7	3388	9.8	125117.3	-0401.6	3478	9.9	131831.2	-0441.3	3568	10.	134252.8	-0441.5
3299	9.0	122536.0	-0451.4	3389	9.7	125118.5	-0439.4	3479	9.8	131920.7	-0426.2	3569	9.6	134310.6	-0401.4
3300	9.5	122605.3	-0408.3	3390	8.0	125154.7	-0407.4	3480	9.4	131920.8	-0429.9	3570	9.9	134313.8	-0459.9
3301	8.5	122621.5	-0426.4	3391	9.2	125217.0	-0456.8	3481	9.4	131928.5	-0438.1	3571	9.2	134344.0	-0408.1
3302	9.4	122634.2	-0446.3	3392	9.6	125252.8	-0424.1	3482	9.4	131933.0	-0413.6	3572	9.8	134349.5	-0451.0
3303	8.8	122634.8	-0459.9	3393	9.3	125305.7	-0406.1	3483	9.9	131936.9	-0403.4	3573	9.2	134350.8	-0408.7
3304	9.5	122705.8	-0424.8	3394	9.5	125316.2	-0459.1	3484	9.8	131952.7	-0445.6	3574	9.0	134400.0	-0403.5
3305	9.8	122718.3	-0423.7	3395	9.1	125329.6	-0434.8	3485	9.0	132008.1	-0422.1	3575	9.5	134406.8	-0401.8
3306	9.3	122724.3	-0404.0	3396	9.8	125330.7	-0402.3	3486	10.	132010.4	-0402.7	3576	9.2	134408.7	-0433.1
3307	8.1	122726.0	-0421.2	3397	9.8	125403.5	-0411.3	3487	9.0	132016.0	-0412.7	3577	9.0	134414.3	-0457.1
3308	10.	122735.4	-0429.4	3398	9.8	125412.6	-0429.4	3488	9.1	132018.8	-0459.8	3578	9.8	134438.9	-0452.4
3309	9.2	122757.9	-0432.0	3399	9.4	125435.5	-0414.6	3489	9.5	132027.3	-0408.7	3579	9.4	134451.2	-0429.8
3310	9.6	122820.2	-0457.3	3400	9.9	125443.5	-0414.2	3490	9.1	132030.3	-0454.7	3580	8.5	134502.1	-0421.0
3311	9.5	122848.3	-0411.7	3401	9.4	125448.1	-0430.1	3491	10.	132032.6	-0437.2	3581	9.8	134503.9	-0406.8
3312	9.0	122911.3	-0437.3	3402	9.2	125459.9	-0432.6	3492	9.2	132053.4	-0429.4	3582	9.6	134505.5	-0459.2
3313	9.5	122949.3	-0412.3	3403	9.5	125503.2	-0401.5	3493	10.	132057.3	-0410.0	3583	9.2	134522.5	-0454.4
3314	9.8	122952.2	-0432.9	3404	9.1	125506.2	-0412.1	3494	8.7	132212.0	-0409.2	3584	9.8	134543.8	-0405.9
3315	9.4	123027.6	-0458.9	3405	8.7	125528.5	-0459.1	3495	9.7	132231.2	-0411.5	3585	9.1	134547.7	-0429.2
3316	9.7	123037.8	-0447.3	3406	9.6	125538.4	-0426.0	3496	10.	132239.2	-0442.6	3586	9.8	134620.8	-0456.0
3317	9.2	123052.2	-0433.5	3407	10.	125549.2	-0411.4	3497	9.9	132321.5	-0421.2	3587	9.8	134658.7	-0426.3
3318	9.5	123104.2	-0433.1	3408	7.5	125621.3	-0422.4	3498	10.	132341.0	-0453.0	3588	9.6	134732.3	-0443.8
3319	8.5	123113.3	-0431.6	3409	9.8	125645.0	-0435.5	3499	9.8	132413.4	-0411.7	3589	9.2	134812.1	-0433.2
3320	10.	123143.6	-0414.3	3410	9.5	125648.4	-0456.4	3500	9.4	132424.0	-0407.0	3590	10.	134823.2	-0419.0
3321	9.0	123145.3	-0444.8	3411	9.4	125712.8	-0448.4	3501	10.	132521.3	-0430.4	3591	9.5	134900.6	-0455.0
3322	10.	123150.2	-0455.4	3412	9.6	125725.7	-0407.3	3502	9.7	132528.6	-0444.4	3592	9.0	134912.3	-0408.5
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3324	10.	123213.7	-0413.2	3414	9.0	125802.2	-0424.8	3504	9.3	132536.1	-0413.8	3594	8.0	135006.2	-0446.5
3325	9.8	123313.4	-0408.9	3415	9.8	125816.7	-0417.9	3505	9.6	132554.0	-0454.5	3595	9.8	135006.2	-0414.6
3326	9.9	123323.4	-0444.4	3416	9.4	125821.5	-0417.6	3506	8.6	132558.7	-0455.1	3596	9.4	135152.6	-0426.7
3327	9.6	123350.0	-0458.7	3417	9.9	125830.6	-0432.8	3507	9.5	132618.3	-0428.2	3597	6.8	135153.0	-0442.6
3328	9.8	123407.0	-0401.8	3418	8.0	125834.5	-0421.3	3508	8.9	132642.6	-0412.5	3598	8.8	135154.1	-0408.7
3329	9.5	123415.2	-0453.7	3419	8.4	125856.2	-0403.6	3509	9.5	132700.0	-0446.8	3599	9.6	135251.0	-0445.0
3330	9.8	123422.7	-0412.8	3420	9.8	125858.4	-0446.3	3510	9.4	132722.8	-0430.7	3600	8.5	135317.1	-0430.3
3331	8.1	123431.3	-0425.5	3421	9.2	125905.5	-0438.2	3511	9.3	132733.2	-0454.6	3601	8.5	135317.6	-0412.5
3332	9.5	123435.9	-0406.0	3422	9.8	125938.7	-0450.7	3512	9.3	132738.5	-0406.6	3602	9.4	135328.2	-0404.6
3333	9.1	123446.4	-0448.4	3423	9.5	130055.0	-0437.5	3513	10.	132744.9	-0459.0	3603	9.8	135354.1	-0444.0
3334	9.3	123501.7	-0439.1	3424	8.8	130058.2	-0410.7	3514	8.2	132753.4	-0411.2	3604	8.3	135401.6	-0458.0
3335	8.0	123508.1	-0440.0	3425	8.9	130110.2	-0400.1	3515	6.5	132759.3	-0439.1	3605	9.5	135402.6	-0445.3
3336	10.	123522.5	-0444.5	3426	9.5	130143.5	-0440.4	3516	9.7	132851.5	-0417.5	3606	9.3	135417.6	-0437.5
3337	9.8	123524.2	-0422.6	3427	9.8	130156.7	-0405.5	3517	10.	132857.9	-0414.9	3607	9.0	135455.4	-0411.6
3338	9.8	123525.7	-0432.2	3428	9.4	130206.7	-0456.6	3518	9.7	132858.5	-0418.3	3608	9.8	135512.2	-0403.6
3339	9.2	123529.1	-0410.1	3429	10.	130219.4	-0437.5	3519	9.1	132937.3	-0430.5	3609	8.0	135520.4	-0414.8
3340	9.1	123538.6	-0456.3	3430	4.3	130226.6	-0445.8	3520	9.4	132941.2	-0437.2	3610	9.9	135546.5	-0435.8
3341	9.7	123549.4	-0417.6	3431	9.9	130245.8	-0458.5	3521	8.2	132951.4	-0403.7	3611	9.4	135604.7	-0445.0
3342	9.2	123606.3	-0428.5	3432	7.6	130312.9	-0410.0	3522	9.9	133007.1	-0443.5	3612	9.4	135618.6	-0454.8
3343	9.7	123618.1	-0410.0	3433	9.8	130349.5	-0403.1	3523	9.5	133009.6	-0444.4	3613	9.0	135620.6	-0413.4
3344	8.6	123642.0	-0410.7	3434	9.8	130353.3	-0430.5	3524	9.8	133055.5	-0452.8	3614	6.5	135640.6	-0440.7
3345	9.5	123647.8	-0416.0	3435	9.6	130400.4	-0444.3	3525	9.5	133055.8	-0414.9	3615	10.	135732.0	-0449.7
3346	9.4	123710.4	-0431.1	3436	9.7	130420.6	-0433.4	3526	10.	133109.4	-0405.0	3616	7.8	135909.4	-0449.1
3347	9.9	123724.3	-0406.2	3437	9.4	130435.6	-0411.9	3527	8.4	133142.3	-0457.2	3617	9.1	135918.1	-0456.2
3348	8.8	123733.8	-0428.4	3438	9.9	130513.5	-0443.3	3528	9.5	133150.2	-0433.3	3618	8.0	135918.3	-0416.9
3349	9.7	123740.0	-0410.2	3439	8.0	130541.6	-0414.9	3529	9.6	133150.5	-0402.2	3619	9.4	135945.6	-0446.1
3350	8.7	123758.0	-0419.7	3440	9.1	130542.6	-0437.2	3530	9.8	133156.6	-0433.0	3620	9.5	135957.6	-0447.6
3351	7.3	123803.9	-0401.1	3441	10.	130550.2	-0430.1	3531	9.3	133205.1	-0415.7	3621	9.3	140018.9	-0450.4
3352	9.1	123813.5	-0451.5	3442	9.5	130628.4	-0405.9	3532	9.8	133219.2	-0439.5	3622	9.8	140023.1	-0440.0
3353	9.5	123840.4	-0407.3	3443	10.	130653.6	-0437.4	3533	8.0	133252.8	-0430.6	3623	8.5	140031.2	-0403.1
3354	9.8	123939.6	-0443.0	3444	9.3	130655.3	-0415.0	3534	9.6	133404.7	-0435.4	3624	9.4	140041.6	-0459.9
3355	9.5	123949.5	-0457.9	3445	9.3	130708.0	-0443.4	3535	8.7	133448.1	-0456.3	3625	9.6	140053.2	-0405.3
3356	9.3	124016.7	-0429.3	3446	9.3	130729.8	-0428.9	3536	9.1	133512.8	-0433.2	3626	9.4	140101.2	-0402.3
3357	9.5	124028.6	-0416.2	3447	9.9	130743.5	-0444.0	3537	9.8	133532.3	-0432.4	3627	9.8	140148.6	-0426.7
3358	9.5	124054.3	-0428.1	3448	9.6	130746.5	-0442.9	3538	8.8	133607.7	-0452.4	3628	8.5	140217.3	-0420.5
3359	8.5	124139.6	-0439.1	3449	10.	130756.9	-0411.9	3539	9.8	133608.0	-0437.2	3629	9.6	140220.2	-0403.1
3360	8.8	124208.3	-0420.4	3450	9.0	130804.4	-0451.8	3540	7.0	133621.6	-0445.8	3630	9.5	140228.0	-0418.2
3361	9.8	124243.7	-0455.3	3451	9.3	130807.3	-0427.9	3541	9.8	133639.5	-0428.9	3631	9.8	140234.0	-0427.6
3362	9.8	124250.9	-0415.1	3452	7.5	130832.8	-0453.9	3542	9.0	133651.5	-0456.7	3632	9.8	140255.0	-0418.4
3363	9.5	124311.5	-0445.9	3453	8.0	130909.6	-0448.1	3543	8.8	133708.9	-0404.2	3633	9.2	140257.3	-0446.5
3364	9.8	124311.8	-0424.7	3454	9.9	131018.8	-0437.3	3544	9.8	133723.7	-0434.9	3634	10.	140258.1	-0440.3
3365	9.3	124319.3	-0415.3	3455	9.3	131021.7	-0445.6	3545	9.8	133727.4	-0401.3	3635	10.	140307.5	-0422.4
3366	9.2	124425.6	-0433.7	3456	9.3	131024.6	-0441.4	3546	9.2	133735.6	-0434.2	3636	9.8	140308.2	-0427.9
3367	9.3	124438.4	-0421.0	3457	9.3	131032.5	-0404.5	3547	9.8	133738.3	-0405.3	3637	9.7	140338.1	-0453.5
3368	8.5	124451.1	-0435.9	3458	9.4	131045.4	-0442.4	3548	9.5	133741.3	-0457.0	3638	9.0	140348.2	-0403.7
3369	8.8	124457.6	-0416.0	3459	9.5	131206.5	-0445.0	3549	9.8	133743.9	-0453.0	3639	9.5	140420.1	-0440.2
3370	9.2	124504.3	-0452.5	3460	9.4	131245.8	-0453.9	3550	9.2	133749.4	-0400.2	3640	8.6	140451.0	-0429.0
3371	9.5	124523.1	-0435.9	3461	9.6	131248.9	-0426.0	3551	9.8	133753.9	-0454.0	3641	9.4	140535.6	-0452.7
3372	9.1	124527.3	-0404.4	3462	9.8	131251.7	-0457.6	3552	10.	133755.5	-0430.8	3642	9.8	140601.0	-0432.6
3373	8.8	124557.1	-0412.6	3463	9.9	131255.8	-0455.2	3553	10.	133806.8	-0402.0	3643	8.0	140654.6	-0406.1
3374	9.6	124643.1	-0457.9	3464	8.4	131329.8	-0454.3	3554	9.0	133807.9	-0424.8	3644	9.0	140656.7	-0418.2
3375	9.2	124650.2	-0433.1	3465	9.3	131417.4	-0403.9	3555	8.0	133846.7	-0408.8	3645	8.2	140703.0	-0439.1
3376	9.2	124707.8	-0429.0	3466	10.	131504.2	-0411.4	3556	9.8	133916.4	-0456.0	3646	9.6	140731.8	-0458.8

-04 3647 14h07m

-04 4006 15h49m

3647	9.2	140746.0	-0430.0	3737	9.8	143515.1	-0415.0	3827	9.0	150405.8	-0455.4	3917	9.0	152558.3	-0443.8
3648	9.5	140749.5	-0447.2	3738	9.6	143521.0	-0452.3	3828	8.0	150406.8	-0455.8	3918	9.8	152610.9	-0417.3
3649	9.2	140824.1	-0455.7	3739	9.8	143530.5	-0450.8	3829	9.8	150413.9	-0442.0	3919	9.0	152624.4	-0441.6
3650	9.2	140828.8	-0457.2	3740	9.6	143536.9	-0417.7	3830	9.7	150524.9	-0435.3	3920	8.6	152635.9	-0415.1
3651	10.	140835.4	-0445.4	3741	9.5	143539.6	-0447.0	3831	9.3	150526.4	-0401.1	3921	9.5	152703.8	-0448.9
3652	8.8	140844.3	-0445.3	3742	9.4	143548.2	-0435.5	3832	8.0	150534.5	-0406.6	3922	9.3	152703.9	-0409.2
3653	9.2	140849.7	-0449.7	3743	9.8	143610.4	-0407.5	3833	9.5	150600.3	-0421.5	3923	10.	152723.3	-0426.0
3654	9.8	140854.9	-0444.2	3744	8.6	143647.4	-0456.4	3834	9.1	150601.0	-0455.4	3924	9.0	152727.6	-0438.1
3655	9.0	140910.7	-0415.0	3745	8.9	143651.9	-0434.1	3835	9.1	150614.9	-0432.1	3925	9.1	152752.4	-0453.7
3656	7.0	140914.3	-0457.9	3746	9.7	143752.0	-0432.2	3836	9.8	150627.8	-0427.0	3926	9.2	152805.8	-0444.8
3657	8.8	140931.5	-0428.7	3747	9.6	143841.7	-0441.1	3837	9.3	150638.0	-0438.0	3927	9.7	152813.2	-0417.8
3658	8.8	140933.1	-0409.7	3748	9.4	143845.0	-0409.7	3838	9.0	150710.5	-0406.5	3928	9.6	152820.3	-0428.3
3659	9.5	140942.6	-0400.6	3749	7.3	144025.3	-0453.5	3839	9.2	150711.9	-0400.9	3929	9.8	152912.4	-0446.8
3660	9.0	141016.6	-0427.6	3750	9.8	144038.5	-0445.7	3840	6.5	150712.7	-0457.3	3930	8.5	152913.6	-0408.8
3661	9.0	141022.2	-0428.2	3751	9.3	144057.2	-0445.3	3841	9.8	150716.8	-0418.4	3931	9.3	152913.7	-0406.8
3662	10.	141036.4	-0422.3	3752	9.6	144134.5	-0422.3	3842	9.5	150720.9	-0424.2	3932	9.2	152915.3	-0429.9
3663	10.	141113.3	-0421.8	3753	8.7	144142.0	-0423.8	3843	9.5	150723.5	-0452.8	3933	8.7	152919.8	-0428.3
3664	9.7	141151.5	-0417.3	3754	10.	144208.8	-0409.9	3844	9.2	150741.5	-0407.2	3934	9.1	153016.2	-0415.6
3665	7.6	141206.0	-0428.6	3755	9.8	144211.1	-0429.9	3845	9.9	150803.3	-0416.6	3935	9.8	153017.7	-0425.4
3666	8.8	141235.0	-0411.7	3756	9.4	144219.1	-0439.9	3846	9.2	150810.8	-0430.7	3936	8.0	153019.0	-0456.4
3667	10.	141253.4	-0453.3	3757	9.6	144238.1	-0410.2	3847	7.5	150824.9	-0421.1	3937	9.4	153028.8	-0426.1
3668	9.2	141318.0	-0418.0	3758	9.8	144318.8	-0412.6	3848	9.8	150839.6	-0433.3	3938	9.4	153057.3	-0431.9
3669	9.6	141334.5	-0452.2	3759	9.8	144321.8	-0412.6	3849	10.	150851.0	-0441.4	3939	9.3	153058.2	-0422.3
3670	8.0	141345.3	-0432.6	3760	9.8	144330.5	-0428.1	3850	9.4	150854.9	-0441.4	3940	9.8	153106.4	-0447.8
3671	9.1	141346.1	-0440.1	3761	9.7	144331.7	-0459.0	3851	9.1	150902.3	-0426.4	3941	10.	153134.2	-0420.8
3672	9.4	141355.5	-0437.7	3762	9.8	144344.4	-0417.9	3852	9.8	150921.7	-0409.6	3942	9.9	153135.6	-0406.2
3673	9.9	141408.1	-0433.9	3763	8.7	144430.0	-0409.3	3853	9.4	150929.0	-0415.5	3943	9.9	153136.1	-0442.6
3674	9.1	141433.4	-0433.4	3764	9.5	144455.0	-0434.1	3854	9.9	150958.0	-0454.1	3944	9.2	153204.6	-0433.6
3675	9.4	141438.6	-0408.0	3765	9.3	144536.7	-0453.0	3855	7.5	151003.9	-0439.8	3945	9.2	153225.6	-0423.5
3676	9.2	141441.5	-0438.7	3766	9.8	144537.4	-0428.2	3856	9.1	151028.0	-0436.0	3946	9.5	153241.4	-0455.0
3677	9.3	141452.8	-0444.4	3767	9.4	144549.6	-0448.9	3857	8.9	151037.0	-0443.1	3947	9.4	153248.9	-0406.0
3678	9.2	141516.1	-0402.3	3768	9.5	144613.4	-0422.1	3858	8.7	151105.2	-0459.6	3948	9.8	153252.2	-0411.2
3679	9.8	141522.5	-0403.7	3769	9.0	144616.9	-0423.0	3859	8.2	151121.9	-0400.6	3949	9.8	153255.8	-0432.0
3680	9.6	141602.9	-0418.6	3770	7.3	144621.8	-0458.4	3860	10.	151142.9	-0428.6	3950	9.6	153345.9	-0429.9
3681	9.8	141633.6	-0446.0	3771	9.5	144623.6	-0411.4	3861	9.5	151145.9	-0430.3	3951	9.4	153353.2	-0425.8
3682	9.1	141642.5	-0439.7	3772	8.5	144701.0	-0427.8	3862	9.2	151213.4	-0410.7	3952	9.8	153436.3	-0445.0
3683	9.7	141720.1	-0451.1	3773	9.6	144724.5	-0432.7	3863	9.8	151241.0	-0427.4	3953	8.3	153453.3	-0440.4
3684	9.2	141814.0	-0404.0	3774	9.8	144743.7	-0459.0	3864	9.2	151247.0	-0407.8	3954	9.8	153459.2	-0428.2
3685	9.0	141827.4	-0424.6	3775	9.8	144754.2	-0449.9	3865	9.2	151255.1	-0437.3	3955	8.7	153527.6	-0456.8
3686	9.4	141856.0	-0419.8	3776	9.5	144819.7	-0420.8	3866	6.7	151258.9	-0435.7	3956	9.2	153538.3	-0447.2
3687	8.8	141856.9	-0449.6	3777	9.5	144839.1	-0450.4	3867	9.5	151302.2	-0455.3	3957	9.1	153557.8	-0450.1
3688	9.3	141858.5	-0452.0	3778	8.6	144847.3	-0401.2	3868	9.1	151354.9	-0443.5	3958	8.9	153600.9	-0432.3
3689	9.2	141903.0	-0404.5	3779	8.5	144907.2	-0432.5	3869	9.8	151355.3	-0425.4	3959	9.8	153622.3	-0447.6
3690	8.6	141914.4	-0430.9	3780	9.8	144921.3	-0456.9	3870	9.2	151358.4	-0429.2	3960	8.8	153629.2	-0442.0
3691	9.6	141922.8	-0405.7	3781	9.5	145051.0	-0428.0	3871	9.5	151417.5	-0441.3	3961	9.8	153641.7	-0430.2
3692	9.1	141939.5	-0451.8	3782	9.8	145058.4	-0428.9	3872	9.9	151422.9	-0433.2	3962	9.2	153647.8	-0409.0
3693	9.3	142057.0	-0401.6	3783	6.5	145119.3	-0424.1	3873	9.0	151430.1	-0415.4	3963	9.1	153717.8	-0440.6
3694	8.9	142107.0	-0403.8	3784	9.6	145122.2	-0449.8	3874	9.5	151449.6	-0400.0	3964	9.8	153736.5	-0428.2
3695	6.8	142113.3	-0434.1	3785	9.6	145140.2	-0455.1	3875	9.8	151510.2	-0410.8	3965	8.8	153738.9	-0410.6
3696	8.0	142135.3	-0416.8	3786	9.8	145203.4	-0415.3	3876	9.8	151536.0	-0432.2	3966	9.9	153739.0	-0446.8
3697	9.4	142216.9	-0435.8	3787	9.9	145205.0	-0422.0	3877	9.8	151609.7	-0417.5	3967	10.	153808.7	-0430.6
3698	9.8	142225.7	-0453.5	3788	9.8	145213.1	-0407.9	3878	9.8	151610.9	-0449.6	3968	9.4	153822.9	-0408.5
3699	9.8	142339.0	-0457.3	3789	9.7	145304.3	-0428.0	3879	9.4	151611.0	-0401.3	3969	9.3	153823.2	-0459.9
3700	9.8	142352.8	-0417.6	3790	9.8	145336.1	-0407.5	3880	8.5	151642.8	-0435.3	3970	9.5	153825.8	-0459.1
3701	8.9	142417.8	-0407.4	3791	9.7	145337.9	-0438.0	3881	8.9	151650.4	-0443.8	3971	9.4	153828.2	-0429.8
3702	9.7	142453.1	-0427.3	3792	9.3	145358.0	-0402.4	3882	9.1	151659.9	-0446.7	3972	9.9	153835.3	-0414.6
3703	9.8	142523.8	-0447.1	3793	9.8	145412.2	-0426.4	3883	9.8	151743.2	-0417.0	3973	8.8	153907.2	-0435.7
3704	8.7	142532.0	-0450.1	3794	9.6	145457.3	-0408.1	3884	9.8	151827.4	-0442.5	3974	9.3	153912.3	-0448.0
3705	10.	142539.1	-0454.0	3795	9.8	145535.2	-0402.8	3885	9.4	151858.3	-0444.5	3975	8.0	153944.2	-0440.0
3706	9.6	142544.5	-0446.0	3796	10.	145558.0	-0401.1	3886	9.4	151859.0	-0425.3	3976	8.5	154014.3	-0452.5
3707	9.5	142546.7	-0431.2	3797	9.5	145610.2	-0455.6	3887	9.0	151859.4	-0413.4	3977	7.8	154033.9	-0420.0
3708	8.9	142614.3	-0417.7	3798	9.5	145625.9	-0423.9	3888	9.5	151901.8	-0441.0	3978	10.	154052.7	-0440.0
3709	9.0	142615.4	-0426.8	3799	9.2	145628.6	-0446.7	3889	9.5	151949.3	-0432.7	3979	9.5	154055.8	-0448.0
3710	9.0	142626.9	-0428.8	3800	9.5	145645.1	-0450.5	3890	9.3	151955.2	-0425.6	3980	9.8	154111.3	-0447.3
3711	9.8	142631.0	-0403.3	3801	9.7	145648.9	-0458.2	3891	9.6	152001.9	-0451.3	3981	9.6	154132.7	-0442.0
3712	9.4	142709.0	-0402.1	3802	9.3	145651.0	-0447.1	3892	9.8	152048.0	-0414.7	3982	8.0	154139.2	-0430.5
3713	7.6	142715.0	-0400.6	3803	9.8	145709.4	-0427.0	3893	9.1	152114.8	-0436.1	3983	9.8	154141.4	-0408.6
3714	9.5	142735.6	-0409.6	3804	8.5	145752.9	-0426.4	3894	9.5	152123.7	-0410.1	3984	9.5	154157.9	-0420.7
3715	7.3	142808.4	-0438.0	3805	9.5	145803.5	-0441.1	3895	8.5	152132.2	-0405.7	3985	9.8	154203.9	-0439.3
3716	9.0	142836.3	-0421.8	3806	9.2	145808.7	-0414.4	3896	10.	152219.8	-0430.8	3986	9.2	154221.7	-0438.4
3717	10.	142842.3	-0450.5	3807	9.8	145846.0	-0442.3	3897	10.	152223.4	-0446.8	3987	9.8	154357.3	-0451.0
3718	8.4	142845.8	-0427.8	3808	9.4	145851.7	-0417.6	3898	9.9	152248.2	-0418.5	3988	9.5	154401.1	-0438.5
3719	9.5	142858.9	-0456.0	3809	9.8	145902.0	-0452.5	3899	8.8	152321.7	-0417.2	3989	9.5	154403.6	-0412.2
3720	9.3	142906.0	-0447.8	3810	9.9	145910.4	-0419.5	3900	8.5	152322.7	-0411.3	3990	9.8	154422.1	-0406.2
3721	9.4	142927.4	-0435.2	3811	9.5	145938.5	-0457.9	3901	8.8	152330.9	-0442.3	3991	9.6	154425.0	-0419.3
3722	9.4	142943.3	-0458.3	3812	9.0	145959.9	-0400.3	3902	9.5	152333.0	-0456.7	3992	9.2	154444.5	-0416.6
3723	9.7	142950.4	-0431.9	3813	9.8	150001.9	-0436.4	3903	9.3	152336.4	-0458.2	3993	9.5	154452.8	-0443.2
3724	10.	142953.9	-0433.6	3814	9.4	150013.9	-0429.0	3904	10.	152353.2	-0436.7	3994	9.6	154555.8	-0448.7
3725	7.4	143016.5	-0454.9	3815	9.5	150016.0	-0403.9	3905	9.8	152403.7	-0412.2	3995	8.0	154603.1	-0403.0
3726	10.	143017.6	-0456.4	3816	9.0	150024.1	-0428.2	3906	9.5	152411.8	-0424.4	3996	9.0	154631.8	-0447.3
3727	9.5	143035.6	-0413.6	3817	9.3	150155.8	-0426.9	3907	9.3	152431.8	-0401.1	3997	8.3	154649.9	-0416.2
3728	9.8	143041.0	-0410.0	3818	7.0	150156.8	-0450.3	3908	9.9	152435.3	-0431.1	3998	8.8	154721.7	-0428.1
3729	10.	143148.3	-0448.9	3819	9.5	150210.0	-0449.7	3909	10.	152512.1	-0413.3	3999	9.4	154743.0	-0404.9
3730	9.8	143217.3	-0435.3	3820	9.8	150218.8	-0413.3	3910	10.	152513.6	-0429.5	4000	9.1	154744.7	-0402.8
3731	9.4	143312.6	-0412.9	3821	9.6	150235.4	-0427.0	3911	9.4	152528.9	-0400.0	4001	9.5	154832.6	-0419.3
3732	9.0	143333.8	-0428.4	3822	9.3	150251.0	-0418.1	3912	9.8	152532.5	-0441.6	4002	9.6	154845.3	-0419.9
3733	8.0	143340.3	-0418.8	3823	9.2	150310.0	-0418.9	3913	9.2	152539.8	-0417.1	4003	9.8	154852.7	-0443.8
3734	9.8	143343.9	-0413.7	3824	9.8	150332.0	-0450.0	3914	8.5	152540.8	-0421.9	4004	9.5	154915.3	-0419.9
3735	8.5	143433.6	-0413.6	3825	9.4	150337.3	-0416.9	3915	9.3	152547.4	-0407.7	4005	9.4	154919.8	-0437.3
3736	8.0	143448.5	-0427.7	3826	9.6	150338.6	-0426.1	3916	9.4	152558.2	-0409.0	4006	9.1	154927.2	-0437.1

4007	7.8	154929.4	-0458.5	4097	8.7	161259.4	-0416.4	4187	9.0	164539.1	-0431.2	4277	9.3	171906.1	-0440.5
4008	9.3	154932.7	-0444.4	4098	8.8	161330.0	-0430.9	4188	9.5	164547.5	-0419.1	4278	9.4	171908.1	-0449.0
4009	9.0	154943.8	-0454.3	4099	9.7	161405.9	-0430.8	4189	9.4	164551.0	-0435.7	4279	9.3	171944.0	-0456.0
4010	9.3	155002.3	-0458.7	4100	9.2	161418.3	-0421.7	4190	9.3	164551.2	-0413.5	4280	9.6	171948.5	-0457.0
4011	9.0	155018.1	-0402.3	4101	8.9	161458.8	-0422.5	4191	6.8	164606.5	-0404.4	4281	9.4	171951.3	-0421.8
4012	9.1	155033.2	-0445.8	4102	9.2	161526.5	-0410.5	4192	9.8	164622.2	-0452.2	4282	9.0	171954.0	-0411.7
4013	9.0	155048.3	-0455.0	4103	8.7	161535.3	-0425.9	4193	9.5	164629.6	-0427.3	4283	9.8	172000.1	-0459.5
4014	9.1	155059.6	-0404.8	4104	9.8	161544.9	-0433.5	4194	7.3	164629.8	-0405.6	4284	9.3	172007.3	-0410.6
4015	9.8	155112.7	-0446.0	4105	9.4	161637.4	-0431.3	4195	9.0	164653.6	-0431.5	4285	9.5	172102.8	-0437.1
4016	9.8	155125.8	-0451.9	4106	9.2	161714.8	-0433.9	4196	9.4	164710.3	-0423.5	4286	9.3	172141.1	-0401.2
4017	8.3	155204.0	-0439.6	4107	9.0	161749.1	-0435.0	4197	9.8	164713.1	-0436.8	4287	9.6	172142.2	-0423.5
4018	9.6	155207.6	-0425.3	4108	9.5	161751.3	-0450.5	4198	9.5	164713.9	-0451.6	4288	9.2	172204.8	-0445.7
4019	9.1	155234.2	-0446.3	4109	9.4	161806.4	-0410.2	4199	9.0	164715.1	-0441.1	4289	9.0	172218.3	-0441.1
4020	8.2	155237.7	-0439.6	4110	8.9	161837.1	-0420.9	4200	9.4	164723.0	-0405.1	4290	6.9	172239.8	-0414.7
4021	9.8	155334.1	-0407.8	4111	9.5	161912.1	-0458.3	4201	9.4	164739.5	-0444.9	4291	9.5	172302.7	-0455.1
4022	9.8	155339.8	-0458.8	4112	9.4	161919.3	-0400.9	4202	8.5	164756.4	-0455.9	4292	9.5	172340.6	-0405.8
4023	10.	155405.3	-0459.2	4113	9.0	161934.2	-0443.1	4203	8.7	164816.1	-0436.9	4293	8.7	172346.0	-0447.4
4024	9.5	155433.6	-0406.7	4114	9.8	161935.1	-0421.6	4204	9.1	164844.8	-0455.4	4294	9.1	172447.4	-0418.4
4025	9.9	155447.7	-0433.5	4115	9.2	161948.1	-0426.3	4205	9.8	165028.8	-0409.0	4295	9.4	172505.8	-0452.8
4026	8.1	155510.5	-0424.5	4116	9.9	162018.3	-0419.3	4206	7.8	165039.9	-0406.8	4296	8.8	172517.8	-0429.4
4027	9.5	155523.6	-0412.1	4117	9.1	162136.0	-0441.8	4207	9.5	165058.0	-0431.4	4297	9.4	172519.9	-0428.7
4028	9.8	155529.2	-0447.7	4118	9.2	162155.9	-0458.5	4208	9.3	165128.3	-0405.5	4298	9.3	172520.9	-0456.1
4029	9.1	155533.9	-0415.9	4119	9.6	162210.8	-0424.6	4209	8.9	165130.3	-0423.4	4299	9.4	172632.7	-0442.5
4030	8.7	155542.2	-0451.9	4120	9.9	162234.9	-0430.2	4210	9.4	165208.6	-0439.0	4300	9.4	172639.3	-0408.4
4031	9.8	155551.6	-0411.6	4121	8.8	162303.7	-0421.1	4211	9.3	165212.2	-0410.3	4301	8.5	172640.6	-0452.9
4032	8.6	155556.2	-0452.2	4122	9.4	162338.5	-0456.4	4212	8.0	165218.1	-0407.3	4302	9.3	172658.9	-0400.0
4033	9.2	155630.0	-0402.6	4123	9.8	162403.4	-0419.2	4213	9.5	165231.7	-0455.8	4303	9.4	172659.6	-0455.7
4034	9.6	155640.6	-0412.8	4124	8.7	162435.4	-0410.9	4214	9.8	165305.4	-0404.9	4304	9.4	172704.0	-0422.0
4035	9.4	155640.8	-0447.7	4125	9.8	162439.7	-0406.2	4215	5.8	165324.5	-0400.0	4305	9.6	172710.6	-0427.9
4036	8.8	155654.1	-0449.0	4126	9.1	162543.0	-0446.8	4216	9.0	165329.2	-0452.0	4306	9.8	172721.1	-0432.2
4037	9.9	155708.7	-0451.8	4127	9.5	162559.6	-0435.5	4217	8.8	165339.7	-0400.2	4307	8.9	172809.7	-0450.8
4038	8.3	155722.6	-0404.6	4128	7.8	162613.9	-0444.8	4218	9.4	165412.5	-0436.0	4308	7.8	172813.6	-0405.5
4039	8.9	155729.2	-0444.8	4129	9.2	162656.4	-0444.2	4219	9.6	165414.1	-0437.3	4309	9.2	172819.4	-0418.1
4040	9.2	155749.2	-0456.4	4130	9.5	162721.4	-0459.5	4220	9.7	165425.0	-0435.3	4310	9.5	172857.0	-0420.2
4041	9.6	155800.2	-0452.5	4131	9.1	162730.1	-0406.4	4221	8.6	165442.9	-0423.5	4311	9.4	172920.1	-0425.6
4042	7.8	155842.8	-0421.5	4132	9.4	162804.3	-0457.1	4222	9.9	165511.1	-0410.4	4312	9.1	172921.1	-0427.3
4043	9.0	155901.0	-0425.4	4133	9.0	162906.5	-0451.9	4223	9.4	165548.5	-0432.2	4313	9.3	172939.1	-0429.8
4044	9.6	155902.8	-0449.4	4134	9.5	162921.1	-0411.1	4224	9.2	165620.1	-0454.7	4314	9.5	172940.4	-0431.1
4045	9.6	155912.0	-0400.2	4135	9.6	162926.9	-0407.8	4225	7.5	165729.1	-0449.2	4315	8.5	172951.6	-0404.4
4046	9.2	155933.5	-0455.5	4136	9.3	163011.0	-0445.7	4226	9.3	165739.6	-0451.0	4316	9.5	173003.8	-0417.6
4047	9.2	160015.1	-0432.6	4137	9.8	163035.4	-0425.1	4227	9.5	165813.7	-0456.8	4317	9.5	173004.5	-0457.2
4048	9.8	160021.6	-0424.5	4138	9.4	163039.0	-0443.7	4228	9.5	165853.8	-0410.5	4318	9.7	173017.7	-0458.9
4049	9.8	160047.7	-0447.3	4139	8.4	163047.1	-0417.9	4229	9.8	165903.5	-0446.1	4319	9.7	173024.7	-0410.5
4050	9.1	160122.6	-0454.5	4140	9.1	163055.5	-0434.3	4230	9.0	165939.5	-0425.0	4320	9.5	173036.0	-0408.2
4051	9.8	160123.5	-0427.8	4141	9.7	163145.0	-0413.7	4231	9.7	165945.6	-0447.3	4321	8.5	173056.1	-0433.4
4052	8.0	160130.0	-0404.9	4142	9.7	163156.6	-0432.1	4232	9.4	170006.1	-0443.5	4322	9.7	173115.1	-0415.4
4053	9.5	160148.0	-0408.7	4143	8.7	163315.5	-0418.7	4233	7.8	170022.5	-0407.5	4323	9.1	173148.1	-0458.7
4054	8.5	160149.2	-0410.5	4144	9.1	163335.2	-0421.4	4234	9.5	170033.0	-0459.6	4324	8.3	173203.2	-0452.8
4055	9.4	160202.7	-0455.2	4145	9.4	163356.5	-0436.1	4235	9.8	170037.6	-0446.8	4325	7.7	173205.1	-0452.8
4056	9.6	160224.6	-0418.2	4146	9.8	163359.6	-0449.6	4236	9.4	170141.2	-0452.9	4326	9.7	173223.8	-0416.2
4057	9.0	160228.0	-0425.3	4147	9.4	163442.0	-0418.2	4237	9.5	170212.6	-0455.0	4327	9.8	173249.0	-0417.7
4058	9.2	160240.1	-0440.1	4148	9.3	163552.6	-0415.6	4238	9.3	170233.0	-0428.3	4328	9.3	173259.1	-0433.0
4059	9.2	160245.1	-0430.9	4149	9.5	163557.7	-0447.0	4239	8.8	170234.8	-0438.5	4329	9.8	173359.1	-0427.2
4060	9.5	160254.0	-0455.2	4150	9.4	163634.2	-0419.1	4240	9.4	170238.1	-0450.0	4330	8.8	173429.1	-0412.2
4061	8.7	160259.9	-0421.2	4151	9.5	163713.7	-0441.4	4241	9.8	170255.0	-0434.2	4331	8.5	173442.9	-0441.2
4062	9.8	160309.1	-0438.5	4152	9.5	163737.1	-0427.4	4242	9.5	170356.4	-0416.1	4332	6.5	173452.2	-0446.4
4063	9.5	160317.6	-0425.3	4153	9.5	163739.7	-0447.6	4243	7.3	170402.8	-0427.5	4333	9.0	173502.3	-0455.0
4064	9.5	160325.5	-0409.0	4154	9.7	163819.2	-0430.9	4244	8.7	170440.1	-0413.4	4334	9.4	173502.4	-0428.3
4065	9.5	160428.5	-0416.3	4155	9.8	163822.2	-0441.1	4245	8.8	170507.9	-0400.5	4335	9.4	173551.6	-0428.2
4066	9.5	160458.5	-0424.1	4156	9.3	163835.0	-0401.5	4246	9.8	170527.7	-0426.0	4336	9.5	173551.8	-0403.9
4067	9.4	160459.0	-0427.4	4157	9.5	163835.4	-0445.7	4247	8.4	170536.6	-0458.3	4337	9.4	173559.0	-0412.7
4068	9.1	160503.1	-0411.6	4158	9.5	163844.7	-0410.5	4248	9.2	170542.1	-0451.9	4338	9.7	173614.3	-0452.9
4069	8.9	160504.6	-0445.9	4159	9.5	163858.6	-0406.1	4249	9.6	170554.0	-0442.1	4339	8.8	173622.2	-0429.1
4070	9.4	160514.0	-0419.0	4160	9.6	163922.5	-0419.3	4250	9.7	170616.3	-0459.3	4340	9.5	173702.1	-0434.5
4071	9.7	160539.5	-0436.1	4161	9.5	163957.6	-0413.7	4251	9.8	170630.8	-0447.1	4341	9.0	173713.6	-0453.0
4072	9.5	160652.7	-0456.3	4162	9.8	163958.6	-0406.3	4252	7.4	170656.8	-0418.6	4342	9.5	173715.2	-0441.5
4073	9.5	160653.2	-0418.5	4163	9.7	164045.3	-0400.6	4253	9.5	170718.4	-0457.6	4343	9.8	173736.1	-0454.1
4074	9.6	160714.5	-0401.8	4164	9.4	164057.8	-0459.5	4254	9.5	170720.3	-0451.3	4344	9.1	173739.4	-0417.7
4075	9.7	160725.5	-0418.8	4165	6.9	164112.5	-0415.1	4255	9.8	170727.8	-0434.3	4345	9.3	173748.7	-0417.6
4076	9.2	160742.8	-0414.3	4166	9.0	164115.8	-0459.2	4256	9.5	170752.0	-0413.6	4346	8.6	173755.3	-0420.3
4077	9.4	160749.0	-0403.5	4167	9.4	164116.4	-0402.7	4257	9.5	170824.4	-0414.4	4347	9.3	173804.2	-0459.6
4078	9.8	160750.4	-0400.1	4168	8.5	164117.1	-0444.0	4258	7.8	170939.4	-0458.4	4348	9.4	173848.7	-0449.8
4079	9.0	160804.6	-0431.7	4169	8.7	164125.7	-0453.0	4259	9.2	170956.2	-0420.3	4349	8.9	173851.7	-0425.3
4080	9.3	160843.2	-0413.	4170	8.6	164129.6	-0453.2	4260	9.6	171009.3	-0448.3	4350	9.7	173916.1	-0417.5
4081	9.5	160853.1	-0447.2	4171	9.4	164208.3	-0426.6	4261	8.9	171100.0	-0407.2	4351	9.0	173944.8	-0459.3
4082	9.3	160901.9	-0440.8	4172	9.3	164218.3	-0459.2	4262	8.2	171117.7	-0408.8	4352	10.	174022.1	-0417.0
4083	8.9	160902.4	-0459.2	4173	9.8	164229.8	-0428.0	4263	9.4	171138.4	-0426.8	4353	9.2	174028.2	-0429.1
4084	10.	160942.7	-0448.5	4174	9.4	164234.1	-0459.2	4264	9.7	171257.9	-0404.3	4354	9.3	174036.4	-0413.6
4085	9.5	161006.8	-0449.3	4175	10.	164237.1	-0405.0	4265	9.4	171303.7	-0432.4	4355	9.2	174129.5	-0408.8
4086	3.3	161038.4	-0419.8	4176	9.4	164250.9	-0458.2	4266	8.8	171329.8	-0440.3	4356	9.4	174136.0	-0442.5
4087	9.5	161046.6	-0429.7	4177	10.	164304.0	-0415.1	4267	9.5	171338.7	-0416.7	4357	9.5	174200.2	-0425.0
4088	9.0	161054.9	-0411.9	4178	9.4	164313.1	-0445.0	4268	9.3	171340.5	-0440.5	4358	9.5	174222.1	-0455.8
4089	9.5	161107.5	-0432.8	4179	9.0	164338.4	-0453.7	4269	8.5	171445.0	-0435.6	4359	9.7	174324.0	-0404.7
4090	9.4	161121.5	-0444.2	4180	9.4	164355.0	-0424.5	4270	9.2	171505.9	-0404.3	4360	8.7	174328.8	-0408.6
4091	9.0	161128.1	-0427.5	4181	9.8	164400.0	-0428.3	4271	9.6	171746.5	-0457.4	4361	9.3	174349.8	-0407.8
4092	8.5	161144.5	-0447.7	4182	9.6	164430.4	-0416.8	4272	9.6	171748.7	-0452.3	4362	9.6	174357.3	-0458.6
4093	9.0	161225.8	-0428.4	4183	8.8	164432.0	-0411.5	4273	9.8	171848.8	-0447.9	4363	8.0	174405.4	-0411.4
4094	8.8	161236.4	-0425.3	4184	9.3	164440.7	-0420.7	4274	9.4	171851.6	-0420.8	4364	9.6	174413.5	-0452.1
4095	8.3	161236.7	-0412.3	4185	7.3	164448.7	-0453.7	4275	4.8	171856.5	-0456.8	4365	7.8	174422.0	-0444.6
4096	8.9	161247.9	-0435.8	4186	9.2	164539.1	-0440.1	4276	9.3	171904.6	-0444.1	4366	8.8	174529.7	-0415.4

-04 4367 17h45m

-04 4726 19h05m

4367	9.3	174540.7	-0437.4	4457	8.4	181617.1	-0451.2	4547	7.5	183306.9	-0437.6	4637	9.4	184851.6	-0428.3
4368	9.5	174611.7	-0436.5	4458	9.7	181632.2	-0413.4	4548	8.8	183316.2	-0412.9	4638	9.2	184854.4	-0445.5
4369	9.6	174616.0	-0414.6	4459	7.5	181638.3	-0409.9	4549	9.4	183332.7	-0430.1	4639	9.5	184903.8	-0434.0
4370	9.7	174618.6	-0416.1	4460	9.7	181716.4	-0432.3	4550	9.4	183341.0	-0421.2	4640	8.5	184906.6	-0412.3
4371	7.9	174636.0	-0411.0	4461	9.3	181726.4	-0429.8	4551	9.7	183342.0	-0410.1	4641	9.2	184918.6	-0423.7
4372	9.5	174720.7	-0420.6	4462	7.7	181732.6	-0455.4	4552	9.1	183355.5	-0400.6	4642	10.	184933.5	-0455.1
4373	9.5	174724.3	-0447.4	4463	9.4	181738.1	-0437.9	4553	9.1	183416.9	-0414.8	4643	9.7	184941.7	-0418.4
4374	7.3	174834.2	-0433.0	4464	9.1	181803.7	-0417.3	4554	9.0	183421.8	-0441.1	4644	9.9	184945.2	-0423.5
4375	9.5	174902.6	-0444.8	4465	9.2	181812.0	-0416.7	4555	9.7	183429.7	-0405.5	4645	9.6	185007.7	-0412.6
4376	6.3	174908.4	-0403.0	4466	8.0	181819.2	-0459.5	4556	9.3	183431.0	-0432.4	4646	9.2	185021.6	-0410.6
4377	9.4	174949.8	-0457.1	4467	9.2	181907.0	-0420.7	4557	8.8	183442.1	-0456.4	4647	8.2	185028.0	-0420.0
4378	9.5	175013.3	-0444.4	4468	9.5	181938.1	-0454.5	4558	9.5	183443.0	-0420.7	4648	9.0	185031.3	-0429.4
4379	9.2	175013.7	-0435.5	4469	9.4	181940.5	-0424.3	4559	9.6	183458.3	-0440.0	4649	9.2	185057.4	-0438.3
4380	9.5	175058.8	-0451.6	4470	8.0	181959.3	-0400.8	4560	9.5	183508.7	-0455.6	4650	7.4	185111.6	-0454.9
4381	9.5	175100.6	-0426.4	4471	9.4	182011.0	-0420.4	4561	8.7	183509.4	-0456.9	4651	9.6	185134.2	-0455.9
4382	9.6	175126.5	-0412.2	4472	9.3	182022.3	-0401.4	4562	9.7	183545.8	-0417.8	4652	9.3	185138.8	-0458.1
4383	9.4	175155.6	-0435.5	4473	9.2	182031.2	-0405.6	4563	9.2	183555.2	-0450.5	4653	8.6	185158.0	-0410.6
4384	5.8	175155.6	-0448.1	4474	9.2	182044.5	-0434.3	4564	9.3	183603.1	-0420.7	4654	9.7	185158.2	-0459.7
4385	9.7	175225.4	-0418.5	4475	9.2	182116.8	-0421.5	4565	8.3	183617.0	-0437.1	4655	9.3	185202.8	-0427.0
4386	8.8	175400.3	-0440.8	4476	8.8	182125.0	-0431.8	4566	9.5	183643.0	-0427.6	4656	9.5	185205.1	-0453.3
4387	9.2	175509.7	-0414.0	4477	9.3	182215.0	-0418.6	4567	10.	183647.0	-0420.7	4657	8.9	185207.3	-0412.5
4388	8.5	175525.2	-0423.1	4478	7.8	182215.7	-0404.5	4568	9.4	183649.5	-0443.6	4658	8.8	185225.1	-0433.4
4389	9.5	175608.0	-0410.1	4479	9.4	182216.3	-0434.2	4569	9.3	183704.4	-0410.1	4659	9.5	185243.7	-0403.5
4390	9.0	175700.5	-0402.9	4480	9.8	182238.0	-0429.5	4570	9.1	183706.1	-0405.0	4660	8.3	185248.4	-0431.0
4391	9.4	175709.1	-0419.8	4481	8.8	182307.6	-0443.1	4571	9.2	183730.3	-0448.7	4661	9.5	185301.5	-0448.8
4392	9.7	175725.2	-0410.7	4482	9.8	182311.8	-0453.1	4572	9.3	183732.5	-0419.8	4662	9.8	185311.3	-0434.9
4393	9.3	175725.3	-0458.2	4483	9.0	182312.8	-0455.2	4573	9.3	183735.6	-0456.3	4663	6.8	185328.8	-0438.4
4394	7.9	175801.1	-0433.3	4484	9.5	182346.7	-0405.8	4574	9.8	183738.2	-0430.7	4664	9.3	185330.3	-0421.9
4395	6.0	175832.2	-0445.5	4485	9.2	182353.5	-0453.1	4575	8.0	183747.9	-0444.3	4665	8.8	185342.4	-0452.5
4396	9.1	175835.9	-0444.0	4486	9.2	182358.7	-0405.9	4576	9.5	183750.4	-0446.5	4666	9.4	185405.4	-0427.9
4397	9.4	175838.4	-0455.1	4487	9.8	182422.4	-0438.6	4577	9.0	183751.2	-0449.0	4667	9.3	185408.8	-0408.7
4398	9.6	175912.2	-0433.5	4488	9.8	182425.1	-0414.2	4578	9.6	183801.4	-0443.2	4668	8.5	185411.9	-0432.1
4399	9.6	175933.3	-0414.9	4489	9.7	182430.0	-0414.7	4579	9.4	183825.2	-0415.5	4669	8.7	185417.8	-0405.0
4400	9.5	175935.1	-0457.1	4490	9.8	182507.6	-0439.9	4580	9.8	183903.6	-0408.7	4670	9.3	185420.1	-0410.0
4401	9.4	175945.6	-0402.4	4491	9.2	182529.4	-0452.3	4581	9.4	183924.1	-0413.0	4671	9.5	185420.4	-0403.5
4402	9.8	180016.1	-0402.8	4492	9.7	182530.6	-0406.7	4582	4.5	183928.9	-0453.8	4672	9.3	185442.6	-0410.7
4403	7.5	180038.3	-0434.7	4493	8.6	182558.1	-0455.2	4583	9.0	184028.4	-0441.0	4673	8.8	185452.6	-0423.2
4404	8.4	180050.1	-0406.3	4494	9.5	182604.7	-0455.3	4584	9.5	184028.9	-0415.1	4674	9.3	185507.0	-0404.3
4405	8.0	180056.5	-0427.7	4495	9.8	182622.9	-0415.8	4585	9.1	184035.8	-0422.3	4675	9.1	185521.2	-0435.5
4406	7.8	180107.1	-0400.6	4496	9.2	182629.1	-0444.9	4586	9.6	184053.6	-0400.2	4676	9.5	185526.1	-0437.9
4407	8.5	180140.3	-0435.8	4497	8.2	182633.6	-0455.2	4587	8.8	184105.6	-0403.3	4677	9.2	185559.6	-0443.8
4408	9.9	180148.4	-0455.0	4498	8.9	182647.6	-0448.9	4588	9.4	184110.1	-0417.2	4678	9.5	185618.5	-0431.5
4409	9.5	180150.8	-0458.6	4499	8.8	182659.0	-0434.2	4589	9.6	184110.8	-0457.2	4679	9.0	185646.2	-0403.7
4410	9.2	180231.9	-0450.5	4500	9.5	182729.6	-0439.8	4590	9.8	184124.1	-0411.9	4680	9.0	185647.0	-0438.4
4411	9.2	180256.6	-0409.5	4501	9.1	182730.8	-0413.1	4591	9.8	184128.0	-0431.8	4681	9.9	185656.1	-0416.0
4412	9.2	180354.8	-0437.3	4502	9.4	182748.9	-0416.6	4592	9.5	184151.9	-0409.8	4682	9.2	185701.9	-0420.1
4413	9.4	180513.9	-0420.0	4503	9.3	182751.3	-0454.7	4593	9.3	184208.3	-0429.2	4683	8.1	185717.1	-0415.2
4414	7.8	180518.5	-0447.8	4504	9.7	182751.7	-0449.5	4594	9.3	184215.6	-0418.1	4684	5.7	185718.4	-0414.4
4415	6.8	180530.1	-0402.7	4505	9.0	182754.2	-0413.1	4595	9.4	184228.2	-0416.1	4685	9.5	185723.3	-0454.7
4416	9.8	180542.8	-0433.8	4506	9.3	182823.0	-0419.8	4596	9.5	184247.0	-0437.2	4686	8.8	185728.2	-0423.3
4417	9.5	180547.6	-0403.7	4507	8.8	182832.1	-0423.5	4597	9.4	184306.0	-0441.6	4687	9.2	185739.0	-0444.7
4418	9.3	180552.4	-0441.8	4508	9.4	182833.6	-0458.4	4598	9.2	184344.9	-0419.1	4688	9.2	185745.5	-0436.1
4419	9.2	180553.9	-0416.2	4509	8.3	182841.4	-0423.1	4599	9.3	184353.0	-0415.0	4689	9.8	185756.0	-0452.1
4420	9.3	180607.1	-0416.1	4510	8.5	182842.3	-0445.9	4600	9.5	184403.5	-0445.4	4690	9.3	185800.7	-0455.8
4421	9.5	180622.1	-0401.2	4511	7.8	182847.1	-0440.5	4601	9.1	184413.7	-0402.0	4691	9.8	185811.2	-0434.2
4422	9.3	180703.0	-0454.7	4512	9.5	182913.6	-0443.7	4602	9.7	184503.3	-0453.6	4692	8.5	185832.5	-0451.6
4423	9.0	180704.0	-0443.6	4513	9.0	182915.3	-0403.4	4603	8.8	184508.0	-0456.0	4693	9.4	185835.7	-0406.8
4424	8.9	180705.0	-0443.4	4514	7.5	182921.1	-0443.7	4604	9.5	184514.2	-0407.5	4694	8.9	185837.6	-0406.9
4425	9.8	180717.0	-0407.3	4515	9.1	182929.4	-0458.8	4605	9.8	184527.7	-0401.5	4695	9.5	185849.5	-0458.9
4426	9.5	180717.1	-0424.6	4516	9.0	182934.1	-0440.7	4606	8.7	184528.3	-0413.7	4696	9.0	185922.0	-0449.2
4427	9.8	180755.9	-0455.0	4517	9.1	182941.7	-0429.7	4607	7.5	184530.2	-0454.2	4697	8.9	185936.9	-0458.3
4428	9.5	180808.1	-0441.7	4518	6.8	183003.8	-0455.7	4608	9.0	184532.9	-0436.7	4698	9.2	185940.0	-0402.4
4429	9.6	180842.3	-0430.3	4519	9.4	183006.0	-0444.0	4609	8.3	184536.8	-0423.3	4699	8.8	190000.4	-0434.0
4430	8.6	180852.3	-0405.0	4520	9.3	183008.6	-0434.6	4610	9.6	184538.4	-0404.4	4700	9.1	190003.5	-0458.3
4431	9.8	180912.8	-0440.1	4521	9.2	183025.1	-0420.0	4611	8.8	184556.0	-0450.8	4701	9.1	190020.7	-0447.6
4432	9.4	180913.4	-0422.9	4522	9.3	183029.7	-0458.5	4612	9.6	184613.9	-0449.8	4702	9.2	190020.7	-0411.3
4433	9.4	180914.0	-0437.4	4523	9.8	183038.0	-0451.7	4613	9.3	184616.7	-0448.3	4703	9.5	190118.3	-0434.9
4434	9.3	180945.4	-0455.3	4524	9.1	183044.4	-0438.3	4614	8.0	184618.9	-0447.5	4704	9.5	190203.0	-0402.8
4435	9.5	181004.7	-0454.2	4525	9.1	183051.8	-0425.5	4615	9.5	184626.2	-0457.2	4705	10.	190207.5	-0452.7
4436	9.5	181017.3	-0403.2	4526	9.4	183053.3	-0458.0	4616	10.	184641.4	-0442.1	4706	9.5	190216.6	-0448.0
4437	9.4	181035.0	-0425.2	4527	9.4	183106.4	-0450.4	4617	9.0	184643.5	-0446.0	4707	8.2	190234.5	-0417.0
4438	7.5	181119.8	-0409.7	4528	10.	183108.3	-0450.6	4618	9.2	184644.0	-0402.6	4708	8.5	190244.3	-0459.0
4439	9.2	181151.6	-0446.9	4529	9.5	183112.3	-0443.6	4619	9.0	184645.4	-0449.7	4709	9.6	190300.4	-0427.9
4440	8.5	181155.0	-0418.9	4530	9.4	183116.9	-0458.5	4620	9.0	184647.0	-0453.8	4710	9.3	190313.3	-0457.2
4441	9.5	181215.7	-0424.0	4531	8.5	183122.5	-0413.4	4621	9.6	184701.0	-0439.5	4711	9.4	190322.2	-0417.9
4442	9.0	181237.3	-0407.7	4532	9.5	183125.1	-0417.4	4622	9.1	184708.0	-0413.9	4712	8.0	190328.5	-0421.7
4443	9.5	181247.1	-0446.9	4533	9.5	183132.3	-0430.7	4623	9.2	184708.5	-0444.6	4713	9.3	190338.9	-0402.1
4444	8.5	181255.7	-0454.8	4534	9.4	183154.9	-0443.4	4624	9.1	184709.4	-0441.0	4714	9.4	190353.0	-0432.9
4445	10.	181300.4	-0459.9	4535	9.6	183156.0	-0419.5	4625	9.2	184711.3	-0432.3	4715	9.5	190356.4	-0426.2
4446	9.5	181309.3	-0406.2	4536	8.5	183159.8	-0432.1	4626	9.5	184715.4	-0411.4	4716	8.5	190402.5	-0406.5
4447	9.5	181323.0	-0429.1	4537	9.0	183201.1	-0455.9	4627	9.4	184719.1	-0455.6	4717	9.4	190418.2	-0429.0
4448	9.3	181350.3	-0455.7	4538	9.7	183219.2	-0459.9	4628	9.7	184719.8	-0400.3	4718	9.5	190422.5	-0453.2
4449	9.1	181433.1	-0445.8	4539	9.4	183219.4	-0458.2	4629	9.3	184726.4	-0432.2	4719	8.2	190441.0	-0441.8
4450	9.4	181448.5	-0457.9	4540	9.8	183221.8	-0442.6	4630	9.4	184739.0	-0444.0	4720	9.6	190453.0	-0435.2
4451	8.5	181451.6	-0458.7	4541	9.8	183231.7	-0432.2	4631	8.7	184817.5	-0458.6	4721	9.4	190458.6	-0419.0
4452	8.8	181457.3	-0419.5	4542	9.8	183234.8	-0420.1	4632	8.3	184819.4	-0442.1	4722	9.4	190513.3	-0445.9
4453	9.1	181503.5	-0433.4	4543	9.8	183244.3	-0450.0	4633	9.5	184820.1	-0431.9	4723	9.4	190524.9	-0411.3
4454	9.4	181507.6	-0441.0	4544	9.3	183251.5	-0445.0	4634	8.7	184825.1	-0456.0	4724	8.0	190527.8	-0413.4
4455	9.4	181535.7	-0456.8	4545	9.8	183303.8	-0431.7	4635	9.4	184838.9	-0439.0	4725	9.0	190557.0	-0439.7
4456	9.6	181538.3	-0413.6	4546	9.5	183306.5	-0425.5	4636	9.2	184841.8	-0435.0	4726	9.5	190559.9	-0407.4

-04 4727 19h06m

-04 5086 20h11m

4727	9.2	190633.4	-0400.5	4817	9.7	192144.5	-0412.2	4907	8.5	193829.0	-0432.4	4997	9.5	195343.6	-0451.9
4728	9.8	190651.0	-0458.6	4818	9.1	192145.4	-0423.6	4908	9.5	193836.5	-0425.5	4998	8.8	195356.9	-0413.2
4729	9.4	190701.5	-0407.0	4819	9.8	192201.0	-0429.7	4909	9.5	193846.5	-0428.4	4999	9.5	195404.2	-0400.5
4730	9.8	190711.7	-0439.9	4820	9.5	192215.1	-0440.4	4910	9.0	193849.7	-0411.1	5000	8.8	195423.5	-0415.9
4731	9.4	190714.3	-0456.0	4821	9.5	192217.3	-0448.6	4911	10.	193851.1	-0403.6	5001	9.5	195445.6	-0450.4
4732	9.0	190721.0	-0442.6	4822	9.2	192219.7	-0412.7	4912	10.	193858.8	-0419.2	5002	8.8	195515.1	-0453.1
4733	9.1	190722.2	-0444.8	4823	9.5	192225.3	-0444.6	4913	9.6	193902.8	-0403.5	5003	8.7	195544.6	-0445.9
4734	9.6	190723.1	-0429.1	4824	9.7	192228.2	-0405.0	4914	9.4	193902.8	-0455.3	5004	9.5	195546.7	-0457.1
4735	9.5	190725.4	-0433.7	4825	9.7	192235.8	-0400.3	4915	9.0	193905.1	-0447.3	5005	9.8	195552.5	-0427.6
4736	9.3	190729.6	-0444.6	4826	9.0	192256.6	-0441.1	4916	7.8	193911.5	-0400.3	5006	8.3	195605.3	-0445.8
4737	8.4	190733.2	-0412.5	4827	9.5	192254.4	-0413.8	4917	8.8	193914.2	-0433.4	5007	9.1	195620.2	-0453.2
4738	9.3	190745.4	-0419.8	4828	9.5	192255.7	-0422.6	4918	9.5	193928.7	-0455.3	5008	9.7	195653.9	-0412.1
4739	9.1	190752.1	-0425.2	4829	9.5	192256.3	-0457.2	4919	9.1	193947.1	-0444.5	5009	10.	195715.2	-0407.9
4740	9.2	190753.1	-0425.8	4830	9.5	192312.6	-0442.9	4920	9.5	193955.8	-0429.3	5010	7.3	195727.3	-0443.5
4741	9.5	190801.0	-0451.3	4831	9.4	192315.3	-0439.5	4921	9.5	193959.6	-0442.5	5011	8.8	195729.3	-0412.3
4742	9.4	190811.6	-0425.2	4832	8.5	192323.0	-0433.5	4922	9.5	194039.9	-0458.8	5012	9.2	195744.6	-0419.6
4743	10.	190816.9	-0419.1	4833	9.4	192342.0	-0403.0	4923	8.9	194108.1	-0412.0	5013	6.5	195834.0	-0429.0
4744	10.	190838.6	-0448.5	4834	8.5	192348.2	-0412.2	4924	9.5	194112.6	-0441.0	5014	9.0	195837.5	-0435.1
4745	9.2	190849.3	-0443.1	4835	9.2	192415.2	-0411.5	4925	9.8	194113.0	-0430.0	5015	9.1	195848.3	-0449.8
4746	9.4	190852.5	-0432.9	4836	9.5	192442.2	-0411.7	4926	7.8	194117.0	-0451.1	5016	7.2	195856.1	-0449.9
4747	9.6	190855.7	-0407.7	4837	9.1	192448.2	-0419.0	4927	9.5	194117.2	-0456.6	5017	8.3	195919.3	-0410.2
4748	9.4	190909.7	-0402.8	4838	9.5	192457.5	-0402.4	4928	9.7	194133.4	-0436.6	5018	9.2	195922.3	-0438.8
4749	9.8	190915.5	-0418.2	4839	9.8	192514.9	-0427.0	4929	9.5	194134.3	-0418.2	5019	9.5	195941.0	-0410.0
4750	7.8	190916.5	-0454.4	4840	9.1	192527.4	-0423.6	4930	9.9	194135.5	-0407.2	5020	9.8	195946.1	-0449.9
4751	8.2	190927.0	-0432.0	4841	9.0	192558.5	-0428.8	4931	10.	194138.9	-0437.0	5021	9.0	200002.3	-0400.6
4752	10.	190930.4	-0412.1	4842	9.0	192559.5	-0429.0	4932	9.4	194142.6	-0418.0	5022	8.8	200007.5	-0433.1
4753	9.0	190932.0	-0403.7	4843	8.5	192648.7	-0445.6	4933	9.6	194146.8	-0420.7	5023	9.7	200010.9	-0430.3
4754	9.0	190940.2	-0433.7	4844	9.5	192701.5	-0410.0	4934	10.	194146.8	-0429.9	5024	8.9	200042.8	-0459.1
4755	9.8	190945.7	-0408.7	4845	9.7	192732.3	-0418.8	4935	9.8	194149.4	-0431.0	5025	9.5	200051.4	-0409.4
4756	9.8	190957.9	-0430.9	4846	7.8	192732.7	-0437.1	4936	8.0	194156.0	-0453.4	5026	8.8	200052.1	-0404.5
4757	9.5	191014.4	-0409.6	4847	9.5	192757.0	-0403.1	4937	9.5	194208.1	-0438.8	5027	8.9	200055.5	-0410.9
4758	9.5	191028.9	-0427.9	4848	9.5	192806.3	-0428.0	4938	8.2	194211.6	-0417.0	5028	9.8	200055.7	-0454.0
4759	9.5	191035.5	-0442.8	4849	9.4	192812.2	-0416.3	4939	9.1	194211.7	-0424.7	5029	9.5	200106.9	-0419.2
4760	9.6	191043.3	-0457.6	4850	9.0	192814.4	-0451.1	4940	8.5	194220.4	-0459.2	5030	9.3	200110.9	-0411.9
4761	9.6	191052.5	-0400.7	4851	9.5	192828.5	-0423.4	4941	9.4	194226.0	-0433.2	5031	9.8	200126.6	-0457.0
4762	9.5	191054.0	-0450.2	4852	8.5	192832.3	-0442.4	4942	9.5	194233.1	-0448.0	5032	9.1	200151.0	-0422.0
4763	9.3	191057.5	-0447.1	4853	8.8	192900.1	-0452.2	4943	9.1	194237.4	-0452.6	5033	9.6	200222.5	-0443.7
4764	9.1	191059.4	-0444.9	4854	9.5	192905.4	-0448.0	4944	9.5	194245.0	-0433.2	5034	8.9	200229.4	-0426.3
4765	9.3	191109.5	-0408.2	4855	7.5	192905.6	-0436.5	4945	9.6	194254.0	-0426.5	5035	9.7	200235.8	-0446.4
4766	9.0	191111.4	-0430.0	4856	9.8	192923.0	-0424.1	4946	9.5	194305.0	-0452.6	5036	9.5	200245.9	-0416.6
4767	9.3	191112.3	-0410.9	4857	9.5	192926.3	-0410.6	4947	9.5	194305.1	-0406.9	5037	9.1	200246.6	-0454.4
4768	8.2	191114.0	-0401.8	4858	8.5	192929.4	-0452.4	4948	8.3	194311.2	-0454.5	5038	9.7	200247.1	-0450.4
4769	9.5	191121.0	-0457.2	4859	9.5	192941.8	-0413.8	4949	9.0	194315.1	-0438.1	5039	9.0	200314.3	-0406.1
4770	9.5	191121.4	-0411.0	4860	8.3	192959.6	-0414.1	4950	8.5	194325.0	-0458.9	5040	9.9	200325.5	-0459.4
4771	9.9	191125.6	-0414.1	4861	5.0	193006.4	-0457.8	4951	9.5	194333.5	-0419.2	5041	9.8	200327.1	-0427.9
4772	9.5	191132.5	-0412.5	4862	9.7	193021.8	-0405.7	4952	9.4	194343.2	-0458.1	5042	7.8	200327.6	-0400.3
4773	9.2	191133.5	-0414.9	4863	9.1	193022.9	-0410.6	4953	9.8	194356.5	-0431.5	5043	8.8	200330.9	-0459.2
4774	9.5	191148.3	-0456.0	4864	9.5	193025.1	-0453.8	4954	9.5	194418.3	-0401.6	5044	9.7	200331.4	-0416.5
4775	9.8	191208.0	-0455.5	4865	8.6	193025.1	-0455.8	4955	9.5	194440.0	-0440.9	5045	9.4	200350.5	-0429.2
4776	9.5	191231.7	-0417.1	4866	9.0	193032.4	-0443.8	4956	9.8	194454.9	-0443.1	5046	9.6	200351.3	-0433.0
4777	10.	191246.4	-0433.8	4867	9.5	193032.5	-0429.9	4957	9.8	194509.5	-0442.0	5047	9.8	200400.7	-0456.8
4778	9.5	191248.5	-0445.9	4868	9.5	193056.6	-0438.1	4958	9.3	194517.2	-0415.1	5048	9.5	200409.9	-0413.8
4779	8.7	191259.4	-0419.4	4869	9.3	193110.0	-0407.2	4959	10.	194517.4	-0450.4	5049	10.	200413.6	-0427.4
4780	9.8	191304.8	-0456.0	4870	8.5	193115.4	-0441.2	4960	8.0	194539.6	-0456.7	5050	9.5	200418.6	-0414.7
4781	7.0	191307.7	-0446.0	4871	9.5	193147.0	-0425.7	4961	9.3	194601.0	-0406.0	5051	9.5	200441.7	-0453.9
4782	9.5	191321.4	-0417.9	4872	9.8	193215.3	-0409.2	4962	9.0	194606.5	-0407.2	5052	9.8	200456.6	-0447.2
4783	9.7	191328.0	-0414.4	4873	9.0	193230.0	-0426.4	4963	9.5	194607.5	-0447.0	5053	9.5	200516.0	-0419.3
4784	9.5	191336.5	-0443.4	4874	9.8	193251.3	-0448.6	4964	9.6	194618.1	-0401.3	5054	8.9	200526.6	-0444.8
4785	9.7	191336.8	-0457.5	4875	9.8	193251.6	-0439.8	4965	9.8	194622.9	-0402.5	5055	9.5	200536.0	-0435.1
4786	9.5	191355.0	-0445.6	4876	9.5	193302.5	-0414.0	4966	9.8	194700.4	-0427.3	5056	9.5	200546.6	-0445.6
4787	8.5	191444.0	-0445.0	4877	7.5	193305.5	-0421.7	4967	9.5	194711.8	-0408.2	5057	9.5	200550.6	-0412.6
4788	9.4	191449.4	-0431.9	4878	9.5	193321.4	-0438.7	4968	9.1	194731.5	-0440.7	5058	9.5	200552.0	-0422.4
4789	9.9	191520.0	-0414.8	4879	9.2	193322.6	-0416.0	4969	9.9	194801.0	-0437.2	5059	8.6	200618.1	-0445.3
4790	9.6	191527.0	-0400.8	4880	8.0	193329.6	-0415.0	4970	9.6	194804.0	-0445.0	5060	9.4	200618.3	-0429.7
4791	9.1	191548.6	-0450.3	4881	9.8	193342.0	-0402.2	4971	9.8	194816.1	-0456.2	5061	9.3	200619.1	-0439.1
4792	9.2	191550.5	-0405.3	4882	8.8	193345.5	-0410.4	4972	9.5	194818.4	-0415.8	5062	9.3	200627.8	-0430.0
4793	8.7	191553.1	-0440.5	4883	7.7	193408.6	-0436.9	4973	9.4	194822.5	-0409.6	5063	9.7	200632.5	-0432.0
4794	9.3	191557.1	-0446.5	4884	9.4	193410.1	-0443.9	4974	9.8	194827.1	-0451.7	5064	9.8	200634.9	-0452.1
4795	9.5	191604.0	-0409.7	4885	9.0	193412.0	-0437.8	4975	9.5	194833.6	-0449.7	5065	9.5	200644.9	-0412.2
4796	9.7	191621.3	-0456.7	4886	9.5	193412.6	-0427.8	4976	9.9	194857.8	-0415.1	5066	9.5	200742.4	-0418.5
4797	9.5	191634.1	-0451.5	4887	9.8	193416.0	-0409.6	4977	9.4	194950.5	-0440.6	5067	9.8	200756.1	-0438.0
4798	9.7	191638.9	-0459.1	4888	9.5	193428.8	-0456.5	4978	9.0	195004.9	-0412.7	5068	9.2	200802.8	-0430.9
4799	8.2	191642.0	-0433.8	4889	9.0	193429.3	-0424.2	4979	8.9	195007.0	-0440.6	5069	9.6	200826.2	-0416.0
4800	9.8	191656.6	-0442.2	4890	9.0	193454.0	-0411.7	4980	9.5	195024.1	-0452.0	5070	9.5	200831.6	-0447.8
4801	9.4	191708.3	-0452.2	4891	9.4	193503.6	-0419.1	4981	9.3	195029.4	-0426.1	5071	9.7	200836.4	-0412.4
4802	9.5	191728.1	-0431.3	4892	9.4	193512.0	-0423.1	4982	8.5	195031.6	-0444.7	5072	9.5	200841.1	-0447.6
4803	8.5	191729.5	-0446.7	4893	9.0	193516.0	-0421.6	4983	9.1	195037.5	-0439.1	5073	9.2	200847.2	-0458.8
4804	9.3	191742.6	-0405.7	4894	9.5	193516.8	-0436.7	4984	9.2	195049.8	-0444.7	5074	9.4	200855.6	-0438.9
4805	8.0	191748.6	-0401.0	4895	9.5	193550.7	-0415.9	4985	9.4	195056.3	-0427.2	5075	9.4	200858.7	-0450.3
4806	9.9	191808.0	-0408.4	4896	8.8	193609.1	-0445.3	4986	8.8	195127.4	-0433.7	5076	9.4	200908.4	-0401.4
4807	9.8	191821.5	-0404.4	4897	9.8	193630.0	-0418.9	4987	9.0	195144.8	-0455.6	5077	9.8	200921.9	-0452.3
4808	9.8	191836.7	-0430.6	4898	9.0	193639.0	-0435.4	4988	9.5	195207.0	-0442.2	5078	10.	200955.0	-0422.1
4809	9.5	191854.9	-0404.0	4899	9.4	193645.0	-0434.5	4989	8.5	195248.7	-0403.8	5079	9.9	201004.6	-0414.8
4810	9.5	191909.1	-0408.3	4900	9.5	193700.6	-0401.4	4990	9.4	195255.8	-0413.1	5080	9.5	201026.5	-0449.9
4811	8.5	191934.7	-0421.0	4901	9.4	193714.7	-0459.3	4991	9.2	195301.5	-0441.1	5081	9.8	201030.0	-0411.4
4812	8.8	191936.0	-0434.2	4902	9.1	193717.9	-0419.7	4992	7.8	195309.0	-0442.5	5082	9.4	201032.6	-0427.2
4813	9.1	191941.4	-0428.1	4903	8.3	193734.6	-0452.0	4993	9.1	195315.1	-0455.2	5083	9.5	201033.4	-0427.7
4814	8.8	191950.7	-0428.2	4904	9.3	193738.5	-0425.5	4994	8.5	195322.5	-0411.3	5084	9.6	201053.0	-0444.4
4815	9.0	192055.9	-0401.9	4905	8.0	193801.0	-0421.8	4995	9.8	195336.5	-0442.3	5085	9.6	201103.7	-0446.5
4816	8.3	192140.3	-0440.5	4906	9.1	193812.4	-0439.8	4996	9.5	195343.1	-0456.6	5086	9.5	201117.4	-0414.4

5087	8.7	201120.7	-0444.3	5177	9.5	202610.4	-0432.0	5267	9.5	204132.2	-0455.8	5357	9.3	205802.1	-0415.7
5088	9.9	201129.3	-0449.9	5178	9.3	202613.9	-0431.6	5268	9.6	204145.6	-0438.0	5358	9.5	205804.6	-0400.8
5089	8.8	201135.9	-0406.3	5179	9.3	202614.5	-0422.6	5269	9.8	204150.4	-0416.4	5359	9.5	205810.7	-0449.1
5090	8.4	201143.4	-0411.8	5180	9.2	202617.0	-0444.5	5270	8.6	204201.0	-0425.3	5360	9.3	205845.8	-0402.4
5091	9.8	201206.5	-0455.4	5181	9.2	202618.2	-0415.4	5271	8.5	204209.7	-0424.4	5361	9.8	205901.6	-0445.0
5092	9.5	201213.6	-0418.2	5182	9.5	202645.1	-0424.8	5272	9.2	204212.6	-0402.9	5362	8.9	205939.1	-0411.4
5093	9.8	201230.5	-0442.4	5183	9.5	202658.0	-0452.8	5273	8.9	204214.3	-0408.5	5363	9.8	210005.8	-0428.3
5094	9.7	201237.6	-0415.2	5184	9.6	202703.0	-0426.3	5274	9.4	204246.1	-0419.0	5364	9.8	210011.9	-0409.7
5095	9.5	201244.4	-0400.4	5185	9.6	202705.3	-0411.2	5275	9.2	204256.3	-0410.4	5365	9.8	210018.5	-0455.2
5096	9.8	201254.5	-0443.7	5186	9.0	202717.5	-0404.1	5276	9.4	204300.6	-0446.7	5366	9.8	210032.3	-0452.8
5097	9.4	201304.1	-0428.3	5187	9.0	202720.0	-0446.5	5277	9.8	204319.0	-0432.9	5367	9.8	210049.7	-0444.1
5098	9.3	201305.0	-0401.9	5188	9.8	202740.9	-0450.6	5278	9.7	204319.4	-0415.6	5368	9.8	210051.8	-0419.9
5099	9.1	201306.9	-0402.6	5189	9.5	202752.5	-0402.1	5279	9.8	204331.1	-0438.9	5369	9.5	210054.6	-0408.5
5100	9.9	201322.4	-0410.9	5190	9.2	202753.7	-0436.8	5280	8.0	204342.6	-0449.4	5370	9.0	210117.0	-0400.2
5101	9.7	201336.0	-0440.4	5191	9.8	202758.4	-0436.4	5281	9.2	204350.3	-0409.6	5371	8.0	210128.9	-0423.2
5102	9.8	201356.0	-0439.3	5192	9.7	202810.3	-0411.1	5282	9.5	204359.3	-0410.9	5372	7.8	210144.1	-0428.6
5103	9.8	201358.9	-0422.0	5193	9.7	202817.9	-0408.5	5283	9.8	204416.5	-0434.9	5373	9.1	210158.4	-0440.6
5104	9.2	201359.6	-0457.6	5194	9.8	202820.7	-0412.7	5284	9.6	204445.5	-0427.8	5374	9.5	210200.2	-0440.0
5105	9.2	201407.2	-0451.6	5195	9.1	202841.8	-0434.7	5285	9.6	204448.0	-0434.9	5375	9.5	210206.6	-0425.7
5106	9.8	201434.4	-0440.4	5196	9.8	202842.0	-0448.5	5286	9.6	204459.6	-0410.2	5376	8.9	210241.8	-0400.9
5107	9.8	201435.0	-0454.3	5197	9.1	202859.8	-0444.9	5287	9.5	204510.9	-0451.9	5377	9.3	210248.5	-0421.1
5108	8.5	201436.9	-0405.6	5198	9.5	202900.1	-0446.8	5288	10.	204546.1	-0431.6	5378	8.8	210251.7	-0429.9
5109	9.4	201516.9	-0411.4	5199	9.7	202927.2	-0459.3	5289	9.6	204550.6	-0444.3	5379	9.5	210308.2	-0426.5
5110	7.8	201531.6	-0416.2	5200	9.7	202930.1	-0422.2	5290	9.5	204559.1	-0402.4	5380	9.7	210319.8	-0440.9
5111	9.7	201556.0	-0442.3	5201	9.0	202955.6	-0434.1	5291	9.8	204620.8	-0432.7	5381	9.8	210322.7	-0437.4
5112	9.6	201602.8	-0406.8	5202	8.5	203008.4	-0451.6	5292	9.7	204622.0	-0417.1	5382	8.0	210340.4	-0443.7
5113	9.7	201609.6	-0423.0	5203	9.5	203015.0	-0422.1	5293	9.3	204630.8	-0426.3	5383	9.7	210349.9	-0433.3
5114	10.	201641.7	-0435.5	5204	6.8	203031.6	-0453.4	5294	9.0	204633.5	-0427.6	5384	9.5	210353.6	-0434.5
5115	10.	201642.5	-0454.6	5205	9.3	203042.6	-0447.2	5295	9.6	204633.9	-0401.7	5385	9.0	210402.4	-0405.1
5116	9.5	201702.4	-0416.7	5206	9.8	203114.1	-0446.3	5296	9.8	204659.7	-0454.4	5386	9.3	210412.4	-0432.8
5117	9.1	201711.0	-0428.5	5207	10.	203119.0	-0434.2	5297	9.2	204712.0	-0431.2	5387	9.7	210437.2	-0422.3
5118	9.0	201726.1	-0457.6	5208	9.5	203130.1	-0430.2	5298	9.4	204719.1	-0404.5	5388	9.4	210438.6	-0415.6
5119	9.6	201754.0	-0454.1	5209	10.	203153.0	-0412.8	5299	9.5	204733.5	-0419.1	5389	8.3	210459.9	-0453.1
5120	9.4	201754.9	-0408.5	5210	9.8	203213.1	-0423.3	5300	9.1	204740.3	-0430.0	5390	9.4	210522.4	-0400.8
5121	9.6	201757.8	-0448.1	5211	9.9	203226.2	-0442.5	5301	9.5	204750.8	-0400.8	5391	9.0	210522.7	-0429.3
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5123	9.1	201823.3	-0422.1	5213	9.0	203244.2	-0407.6	5303	8.5	204754.0	-0422.0	5393	8.7	210538.8	-0435.5
5124	7.7	201825.0	-0420.1	5214	10.	203248.7	-0419.8	5304	8.7	204806.6	-0439.9	5394	9.6	210633.9	-0449.1
5125	9.5	201836.2	-0428.4	5215	9.5	203249.5	-0424.0	5305	8.9	204816.7	-0413.8	5395	9.1	210639.4	-0401.3
5126	9.0	201839.1	-0459.2	5216	8.8	203254.1	-0420.0	5306	9.2	204817.0	-0401.8	5396	9.0	210645.1	-0424.5
5127	9.5	201850.0	-0420.5	5217	9.5	203258.8	-0419.7	5307	6.9	204842.6	-0406.8	5397	10.	210653.4	-0430.1
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5129	9.8	201911.9	-0445.8	5219	9.8	203324.6	-0447.9	5309	10.	204850.4	-0416.5	5399	9.9	210824.7	-0421.5
5130	9.0	201913.5	-0444.7	5220	8.7	203336.3	-0415.5	5310	9.2	204853.0	-0432.1	5400	9.5	210832.8	-0442.2
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5132	9.7	201921.2	-0429.0	5222	9.8	203406.1	-0450.4	5312	9.8	204910.7	-0446.0	5402	9.2	210849.6	-0425.7
5133	9.3	201929.8	-0455.8	5223	9.4	203407.4	-0454.3	5313	9.7	204912.6	-0442.0	5403	9.3	210933.9	-0449.0
5134	9.4	201952.9	-0433.2	5224	9.5	203413.9	-0436.6	5314	9.6	204918.6	-0442.0	5404	8.3	210935.4	-0450.7
5135	9.8	201956.4	-0419.1	5225	9.5	203415.7	-0408.8	5315	9.0	204931.1	-0433.3	5405	9.5	210949.0	-0403.1
5136	9.8	202000.7	-0418.9	5226	9.4	203426.1	-0437.0	5316	9.5	204947.1	-0436.4	5406	9.3	210953.8	-0429.8
5137	9.2	202001.1	-0418.0	5227	9.1	203433.2	-0407.7	5317	9.6	205006.6	-0444.5	5407	9.7	210958.1	-0424.8
5138	9.7	202016.1	-0455.3	5228	9.0	203437.4	-0401.9	5318	9.1	205014.1	-0404.7	5408	9.0	210959.3	-0433.1
5139	9.5	202018.7	-0457.8	5229	9.5	203451.4	-0421.3	5319	9.8	205036.5	-0432.6	5409	9.3	211004.7	-0428.2
5140	9.7	202022.0	-0455.3	5230	9.5	203457.1	-0439.4	5320	9.3	205106.3	-0409.7	5410	8.5	211017.2	-0405.4
5141	9.1	202028.3	-0457.8	5231	9.3	203511.1	-0443.2	5321	7.0	205109.5	-0423.9	5411	9.3	211024.1	-0421.6
5142	9.1	202031.7	-0438.5	5232	9.8	203522.1	-0404.7	5322	9.1	205110.3	-0435.3	5412	9.3	211025.4	-0428.1
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5144	9.2	202043.5	-0400.1	5234	9.9	203536.3	-0416.9	5324	8.5	205203.0	-0456.9	5414	9.8	211057.8	-0428.8
5145	8.5	202047.0	-0401.9	5235	9.5	203541.1	-0400.3	5325	9.6	205220.0	-0459.7	5415	9.7	211102.7	-0426.8
5146	8.5	202050.8	-0408.6	5236	8.7	203551.2	-0458.3	5326	10.	205234.1	-0422.3	5416	10.	211133.6	-0426.1
5147	8.0	202059.0	-0454.4	5237	9.1	203600.4	-0426.7	5327	10.	205240.5	-0425.0	5417	9.5	211144.3	-0416.5
5148	9.5	202109.0	-0404.6	5238	9.8	203620.6	-0423.5	5328	10.	205244.8	-0421.6	5418	9.3	211204.2	-0401.4
5149	9.1	202112.4	-0431.8	5239	9.6	203628.8	-0414.2	5329	9.8	205248.0	-0401.3	5419	9.6	211204.2	-0419.6
5150	9.6	202116.5	-0433.3	5240	8.9	203631.1	-0438.0	5330	9.5	205254.9	-0443.7	5420	9.5	211212.2	-0434.2
5151	9.1	202123.7	-0414.1	5241	7.0	203636.6	-0425.8	5331	9.5	205319.3	-0427.1	5421	9.9	211224.4	-0443.0
5152	9.4	202138.1	-0457.2	5242	9.0	203654.6	-0453.5	5332	8.0	205333.2	-0400.3	5422	9.5	211234.9	-0443.9
5153	8.0	202203.5	-0439.5	5243	9.4	203722.6	-0404.5	5333	9.8	205337.6	-0434.7	5423	9.1	211244.0	-0406.3
5154	8.0	202223.3	-0454.6	5244	9.2	203735.6	-0403.0	5334	9.1	205339.6	-0430.9	5424	9.5	211251.6	-0436.5
5155	9.5	202232.4	-0412.5	5245	9.5	203746.0	-0459.1	5335	9.8	205347.6	-0428.9	5425	9.2	211257.5	-0404.3
5156	9.1	202240.2	-0439.3	5246	9.5	203750.6	-0441.2	5336	9.4	205352.0	-0449.0	5426	9.6	211302.9	-0444.1
5157	9.0	202250.0	-0403.5	5247	9.6	203753.6	-0459.5	5337	7.3	205404.1	-0441.9	5427	9.9	211303.3	-0447.7
5158	9.8	202258.5	-0440.4	5248	8.8	203756.2	-0457.5	5338	8.8	205410.2	-0404.5	5428	9.5	211330.0	-0401.8
5159	9.7	202301.6	-0441.4	5249	9.5	203809.1	-0425.0	5339	9.8	205417.7	-0444.6	5429	9.4	211333.8	-0430.2
5160	9.3	202307.0	-0416.1	5250	9.8	203827.3	-0436.8	5340	9.0	205425.6	-0426.2	5430	9.5	211334.2	-0455.0
5161	9.7	202310.5	-0459.8	5251	9.5	203842.1	-0401.8	5341	9.1	205441.1	-0416.4	5431	9.5	211336.5	-0401.2
5162	9.5	202311.0	-0405.8	5252	9.1	203845.9	-0447.1	5342	9.8	205532.2	-0412.9	5432	9.5	211350.1	-0419.0
5163	9.9	202349.1	-0413.6	5253	9.5	203846.3	-0417.3	5343	9.5	205537.1	-0433.2	5433	8.2	211416.9	-0447.0
5164	9.9	202403.4	-0428.0	5254	9.1	203859.6	-0444.3	5344	9.8	205556.0	-0416.4	5434	9.9	211434.6	-0413.2
5165	9.8	202410.6	-0412.9	5255	9.4	203901.8	-0415.2	5345	9.1	205603.6	-0429.0	5435	9.3	211455.0	-0453.7
5166	9.0	202424.5	-0422.7	5256	8.5	203904.6	-0446.3	5346	9.8	205618.5	-0418.8	5436	9.4	211457.0	-0418.0
5167	9.3	202443.7	-0413.8	5257	8.3	203909.5	-0435.1	5347	9.5	205619.0	-0419.7	5437	9.5	211514.8	-0427.6
5168	9.0	202447.0	-0400.0	5258	9.3	203919.1	-0435.1	5348	8.6	205619.6	-0413.7	5438	8.2	211516.0	-0409.3
5169	8.8	202454.0	-0442.5	5259	9.5	203947.6	-0431.2	5349	9.2	205622.9	-0438.2	5439	9.6	211548.1	-0459.3
5170	9.5	202458.5	-0409.4	5260	9.7	203948.2	-0411.2	5350	9.8	205634.7	-0410.3	5440	9.4	211555.8	-0432.1
5171	9.8	202510.4	-0435.6	5261	9.6	203955.1	-0405.7	5351	9.3	205638.7	-0414.1	5441	9.9	211611.5	-0449.5
5172	9.0	202516.5	-0415.1	5262	9.5	204004.3	-0405.0	5352	9.2	205652.3	-0401.0	5442	9.6	211639.1	-0407.1
5173	9.6	202520.6	-0415.8	5263	9.8	204023.0	-0440.9	5353	9.4	205722.9	-0444.2	5443	8.3	211705.3	-0457.5
5174	9.8	202532.4	-0449.1	5264	8.8	204053.1	-0407.5	5354	9.3	205723.4	-0437.5	5444	6.7	211717.7	-0401.0
5175	9.8	202539.5	-0434.7	5265	9.4	204058.5	-0403.2	5355	7.0	205755.6	-0456.0	5445	9.5	211741.9	-0426.2
5176	9.5	202600.0	-0421.7	5266	9.6	204127.7	-0459.4	5356	9.5	205801.8	-0437.5	5446	5.6	211743.1	-0410.6

5447	9.9	211806.4	-0441.8	5537	9.6	213942.3	-0405.1	5627	10.	220332.3	-0408.6
5448	9.9	211829.5	-0452.5	5538	9.4	213950.7	-0405.6	5628	9.5	220436.6	-0415.7
5449	9.9	211847.0	-0451.8	5539	9.0	214034.1	-0438.8	5629	9.6	220439.6	-0458.7
5450	9.0	211852.4	-0448.3	5540	8.7	214117.3	-0415.9	5630	9.8	220451.4	-0456.6
5451	9.5	211926.9	-0445.8	5541	9.3	214140.5	-0431.2	5631	9.3	220502.9	-0429.6
5452	9.7	211941.4	-0456.9	5542	9.8	214154.6	-0448.4	5632	9.6	220517.8	-0447.8
5453	9.5	211953.1	-0412.5	5543	9.4	214155.5	-0431.9	5633	9.7	220531.0	-0457.8
5454	9.8	211954.7	-0446.4	5544	9.6	214204.9	-0457.8	5634	9.5	220536.6	-0407.9
5455	9.3	212029.1	-0421.6	5545	10.	214208.0	-0435.2	5635	8.8	220540.1	-0435.3
5456	9.5	212030.0	-0427.5	5546	9.5	214215.1	-0440.1	5636	9.1	220601.0	-0452.4
5457	9.5	212052.5	-0451.4	5547	9.3	214223.0	-0436.5	5637	8.5	220610.2	-0429.3
5458	8.8	212059.9	-0447.4	5548	8.7	214233.9	-0458.5	5638	9.9	220630.1	-0420.2
5459	8.7	212134.5	-0451.4	5549	9.0	214233.9	-0400.5	5639	9.5	220709.8	-0425.0
5460	8.5	212153.6	-0408.8	5550	9.4	214252.1	-0419.3	5640	8.5	220721.8	-0440.0
5461	9.6	212216.1	-0409.0	5551	8.8	214252.5	-0436.6	5641	9.5	220740.9	-0452.5
5462	9.7	212234.5	-0447.2	5552	9.8	214259.9	-0406.7	5642	9.6	220757.6	-0409.3
5463	9.4	212243.6	-0407.2	5553	9.5	214300.1	-0437.1	5643	9.4	220821.3	-0441.5
5464	9.4	212248.4	-0455.1	5554	9.2	214326.2	-0431.5	5644	9.7	220837.8	-0412.8
5465	9.2	212251.3	-0435.2	5555	9.1	214327.3	-0432.0	5645	9.0	220846.3	-0439.1
5466	9.4	212256.7	-0422.7	5556	9.8	214327.8	-0451.6	5646	9.5	220910.4	-0449.6
5467	9.3	212258.6	-0454.7	5557	9.2	214345.9	-0421.7	5647	8.7	221012.8	-0403.9
5468	10.	212311.1	-0414.5	5558	9.3	214359.3	-0430.6	5648	8.6	221017.1	-0458.6
5469	9.0	212321.0	-0448.3	5559	9.5	214414.4	-0414.1	5649	9.6	221032.0	-0432.5
5470	9.8	212324.6	-0401.2	5560	9.8	214422.0	-0433.5	5650	9.7	221032.6	-0421.0
5471	9.5	212347.5	-0446.8	5561	9.9	214445.7	-0423.7	5651	9.5	221044.8	-0425.6
5472	8.8	212348.8	-0431.0	5562	9.7	214452.7	-0412.9	5652	9.8	221057.6	-0410.2
5473	9.0	212414.4	-0416.0	5563	8.8	214506.6	-0423.6	5653	9.5	221154.1	-0401.3
5474	9.5	212416.6	-0406.7	5564	7.2	214511.0	-0440.2	5654	9.2	221205.1	-0444.8
5475	9.6	212419.7	-0435.4	5565	9.3	214533.6	-0448.5	5655	7.8	221216.9	-0447.3
5476	9.7	212420.3	-0430.0	5566	9.4	214543.7	-0451.2	5656	8.5	221300.4	-0453.5
5477	9.3	212433.1	-0454.7	5567	9.7	214628.1	-0417.7	5657	10.	221302.4	-0412.5
5478	9.5	212438.5	-0445.0	5568	5.7	214635.9	-0457.2	5658	9.0	221307.8	-0414.8
5479	9.9	212508.4	-0443.4	5569	9.3	214709.7	-0453.3	5659	9.4	221313.3	-0459.5
5480	10.	212509.5	-0425.3	5570	8.5	214725.2	-0453.9	5660	9.2	221319.7	-0410.2
5481	9.7	212520.6	-0457.1	5571	10.	214728.6	-0437.6	5661	9.1	221328.1	-0417.9
5482	9.8	212540.8	-0421.3	5572	9.1	214735.6	-0435.8	5662	8.3	221400.8	-0431.7
5483	9.8	212606.3	-0423.1	5573	9.2	214751.0	-0422.9	5663	8.0	221506.3	-0428.1
5484	9.8	212629.4	-0435.1	5574	8.8	214758.1	-0436.8	5664	9.5	221530.2	-0406.6
5485	9.0	212637.6	-0405.5	5575	9.0	214802.3	-0454.1	5665	9.1	221539.4	-0414.8
5486	9.5	212641.1	-0450.1	5576	9.2	214804.4	-0442.3	5666	9.9	221551.3	-0413.1
5487	7.5	212641.1	-0403.2	5577	9.5	214811.5	-0421.4	5667	9.0	221603.9	-0434.3
5488	8.5	212729.8	-0422.3	5578	9.2	214831.2	-0444.3	5668	9.8	221628.7	-0433.7
5489	6.0	212743.0	-0437.7	5579	9.8	214853.4	-0453.5	5669	9.0	221640.4	-0444.2
5490	9.5	212754.1	-0459.7	5580	10.	214943.4	-0420.2	5670	9.6	221644.1	-0455.2
5491	9.4	212825.8	-0446.0	5581	8.7	214944.8	-0434.3	5671	9.1	221722.5	-0414.4
5492	9.7	212842.3	-0448.0	5582	9.6	215002.7	-0446.4	5672	9.5	221722.7	-0440.6
5493	9.0	212858.5	-0443.3	5583	9.0	215015.2	-0401.2	5673	9.5	221728.6	-0454.5
5494	9.5	212903.3	-0429.8	5584	8.7	215026.0	-0425.6	5674	9.6	221824.5	-0419.8
5495	10.	212933.5	-0445.6	5585	7.8	215035.4	-0410.8	5675	9.7	221843.7	-0449.9
5496	9.9	213012.1	-0414.4	5586	9.9	215039.5	-0426.5	5676	9.6	221848.3	-0445.1
5497	9.5	213020.2	-0413.6	5587	9.0	215041.4	-0400.6	5677	10.	221851.4	-0413.0
5498	9.0	213033.5	-0413.5	5588	9.7	215101.0	-0425.4	5678	9.3	221928.6	-0402.5
5499	9.4	213035.0	-0443.0	5589	9.8	215128.1	-0431.1	5679	9.0	221933.1	-0400.5
5500	9.8	213049.2	-0435.7	5590	9.6	215138.9	-0441.5	5680	9.0	221938.5	-0410.4
5501	9.3	213056.5	-0419.0	5591	10.	215145.6	-0414.7	5681	9.4	222030.1	-0433.2
5502	9.2	213102.5	-0437.1	5592	10.	215207.8	-0451.3	5682	9.2	222046.4	-0438.2
5503	8.3	213105.8	-0413.9	5593	9.9	215230.5	-0422.1	5683	8.8	222152.2	-0455.6
5504	7.7	213107.0	-0448.4	5594	9.5	215329.2	-0438.2	5684	9.5	222210.7	-0430.2
5505	9.0	213115.5	-0437.5	5595	9.8	215329.5	-0418.7	5685	9.5	222252.3	-0459.7
5506	9.8	213118.1	-0426.3	5596	9.8	215343.1	-0441.3	5686	9.4	222310.3	-0431.2
5507	10.	213118.2	-0449.3	5597	8.6	215416.0	-0417.6	5687	9.2	222315.9	-0432.8
5508	10.	213151.2	-0405.3	5598	9.3	215432.6	-0434.0	5688	9.5	222349.0	-0436.0
5509	8.7	213232.0	-0441.6	5599	9.1	215437.0	-0408.4	5689	9.5	222400.7	-0401.2
5510	9.1	213245.7	-0407.2	5600	9.3	215442.4	-0409.2	5690	9.1	222420.3	-0458.3
5511	9.5	213305.4	-0430.9	5601	9.5	215457.7	-0448.0	5691	9.5	222422.3	-0430.0
5512	8.8	213308.5	-0412.6	5602	8.9	215504.5	-0401.9	5692	9.2	222436.3	-0454.9
5513	10.	213323.6	-0447.0	5603	8.9	215521.3	-0410.1	5693	9.4	222441.5	-0445.2
5514	9.5	213342.5	-0446.5	5604	9.3	215559.0	-0422.6	5694	8.3	222442.1	-0447.9
5515	10.	213346.2	-0409.1	5605	9.9	215637.2	-0411.2	5695	9.0	222507.5	-0452.0
5516	10.	213426.2	-0415.7	5606	9.4	215655.5	-0425.7	5696	9.1	222532.5	-0453.7
5517	9.1	213502.6	-0400.5	5607	9.8	215708.7	-0439.6	5697	9.5	222536.1	-0407.7
5518	9.3	213507.7	-0447.2	5608	9.8	215748.8	-0411.2	5698	9.4	222545.9	-0408.5
5519	9.5	213525.4	-0436.1	5609	9.6	215750.6	-0433.9	5699	10.	222547.3	-0422.7
5520	9.6	213544.5	-0458.0	5610	9.9	215756.2	-0444.1	5700	9.8	222550.6	-0400.3
5521	9.4	213558.0	-0412.6	5611	9.8	215804.5	-0422.7	5701	9.7	222601.6	-0422.5
5522	9.5	213622.8	-0456.0	5612	9.4	215849.7	-0443.0	5702	9.6	222613.4	-0401.7
5523	9.5	213645.6	-0418.3	5613	9.3	215850.6	-0419.1	5703	9.0	222650.5	-0441.7
5524	9.5	213653.6	-0422.5	5614	9.4	215941.4	-0457.6	5704	9.5	222652.2	-0408.9
5525	9.8	213654.2	-0454.9	5615	9.0	215952.3	-0447.4	5705	7.8	222708.1	-0403.1
5526	8.9	213702.0	-0441.5	5616	9.0	215954.9	-0451.2	5706	8.5	222711.4	-0421.0
5527	9.5	213717.2	-0427.0	5617	7.5	220040.2	-0414.3	5707	8.5	222742.5	-0441.7
5528	9.6	213743.4	-0418.5	5618	9.0	220127.1	-0422.9	5708	9.4	222835.9	-0436.7
5529	9.7	213749.2	-0457.9	5619	9.5	220134.7	-0439.2	5709	9.4	222843.3	-0422.7
5530	9.6	213749.5	-0434.6	5620	8.5	220225.9	-0450.8	5710	8.7	222844.0	-0445.9
5531	9.5	213830.0	-0442.1	5621	9.4	220235.4	-0427.7	5711	9.7	222902.8	-0442.0
5532	9.5	213840.7	-0409.3	5622	9.6	220238.6	-0456.7	5712	10.	222904.7	-0426.8
5533	9.5	213843.2	-0401.5	5623	6.8	220248.2	-0436.1	5713	9.5	222931.7	-0401.6
5534	8.5	213849.3	-0447.5	5624	9.1	220250.0	-0408.5	5714	9.5	222932.0	-0457.1
5535	9.8	213926.0	-0436.6	5625	6.0	220300.4	-0458.8	5715	9.3	222939.0	-0444.5
5536	9.6	213930.4	-0427.0	5626	9.0	220320.7	-0427.8	5716	5.3	223014.2	-0458.4
5627	10.	220332.3	-0408.6	5717	9.0	223047.8	-0427.4				
5628	9.5	220436.6	-0415.7	5718	9.1	223103.9	-0431.4				
5629	9.6	220439.6	-0458.7	5719	9.0	223104.7	-0436.1				
5630	9.8	220451.4	-0456.6	5720	10.	223130.9	-0437.1				
5631	9.3	220502.9	-0429.6	5721	8.5	223144.9	-0421.7				
5632	9.6	220517.8	-0447.8	5722	9.4	223150.8	-0416.1				
5633	9.7	220531.0	-0457.8	5723	9.1	223209.2	-0416.4				
5634	9.5	220536.6	-0407.9	5724	9.5	223229.6	-0452.9				
5635	8.8	220540.1	-0435.3	5725	9.4	223300.5	-0434.1				
5636	9.1	220601.0	-0452.4	5726	9.5	223302.2	-0419.3				
5637	8.5	220610.2	-0429.3	5727	9.5	223310.7	-0412.0				
5638	9.9	220630.1	-0420.2	5728	6.7	223317.9	-0418.4				
5639	9.5	220709.8	-0425.0	5729	9.9	223338.8	-0410.6				
5640	8.5	220721.8	-0440.0	5730	9.2	223347.9	-0457.6				
5641	9.5	220740.9	-0452.5	5731	9.4	223350.5	-0437.1				
5642	9.6	220757.6	-0409.3	5732	9.5	223357.4	-0427.9				
5643	9.4	220821.3	-0441.5	5733	7.7	223436.2	-0413.9				
5644	9.7	220837.8	-0412.8	5734	9.0	223442.6	-0447.5				
5645	9.0	220846.3	-0439.1	5735	9.5	223503.8	-0412.3				
5646	9.5	220910.4	-0449.6	5736	9.8	223516.0	-0400.8				
5647	8.7	221012.8	-0403.9	5737	9.3	223517.5	-0417.2				
5648	8.6	221017.1	-0458.6	5738	9.1	223520.7	-0402.5				
5649	9.6	221032.0	-0432.5	5739	9.5	223527.1	-0457.0				
5650	9.7	221032.6	-0421.0	5740	9.1	223529.4	-0417.0				
5651	9.5	221044.8	-0425.6	5741	9.8	223529.6	-0432.2				
5652	9.8	221057.6	-0410.2	5742	9.4	223536.8	-0428.9				
5653	9.5	221154.1	-0401.3	5743	9.3	223544.2	-0411.5				
5654	9.2	221205.1	-0444.8	5744	10.	223629.1	-0456.5				
5655	7.8	221216.9	-0447.3	5745	9.5	223634.3	-0404.1				
5656	8.5	221300.4	-0453.5	5746	9.3	223703.8	-0420.8				
5657	10.	221302.4	-0412.5	5747	9.5	223716.4	-0444.3				
5658	9.0	221307.8	-0414.8	5748	9.5	223717.8	-0444.1				
5659	9.4	221313.3	-0459.5	5749	9.4	223747.4	-0424.0				
5660	9.2	221319.7	-0410.2	5750	9.3	223750.4	-0425.3				
5661	9.1	221328.1	-0417.9	5751	9.2	223756.0	-0435.8				
5662	8.3	221400.8	-0431.7	5752	9.6	223816.5	-0433.0				
5663	8.0	221506.3	-0428.1	5753	9.9	223825.9	-0431.4				
5664	9.5	221530.2	-0406.6	5754	9.8	223851.2	-0454.3				
5665	9.1	221539.4	-0414.8	5755	10.	223950.9	-0425.1				
5666	9.9	221551.3	-0413.1	5756	9.8	224013.6	-0437.5				
5667	9.0	221603.9	-0434.3	5757	7.0	224021.1	-0458.7				
5668	9.8	221628.7	-0433.7	5758	9.5	224022.8	-0415.8				
5669	9.0	221640.4	-0444.2	5759	8.9	224023.5	-0459.7				
5670	9.6	221644.1	-0455.2	5760	9.5	224035.0	-0438.2				
5671	9.1	221722.5	-0414.4	5761	9.4	224054.5	-0429.6				
5672	9.5	221722.7	-0440.6	5762	9.3	224123.6	-0459.1				
5673	9.5	221728.6	-0454.5	5763	9.1	224126.8	-0405.9				
5674	9.6	221824.5	-0419.8	5764	8.1	224131.3	-0408.8				
5675	9.7	221843.7	-0449.9	5765	10.	224141.8	-0415.7				
5676	9.6	221848.3	-0445.1	5766	9.1	224159.8	-0424.3				
5677	10.	221851.4	-0413.0	5767	9.1	224222.8	-0407.1				
5678	9.3	221928.6	-0402.5	5768	9.1	224232.1	-0452.0				
5679	9.0	221933.1	-0400.5	5769	10.	224242.7	-0442.2				
5680	9.0	221938.5	-0410.4	5770	9.1	224258.5	-0422.5				
5681	9.4	222030.1	-0433.2	5771	9.8	224259.5	-0454.9				
5682	9.2	222046.4	-0438.2	5772	9.4	224316.4	-0421.3				
5683	8.8	222152.2	-0455.6	5773	9.5	224324.6	-0437.1				
5684	9.5	222210.7	-0430.2	5774	10.	224332.1	-0447.9				
5685	9.5	222252.3	-0459.7	5775	8.8	224354.2	-0400.2				
5686	9.4	222310.3	-0431.2	5776	10.	224355.8	-0458.3				
5687	9.2	222315.9	-0432.8	5777	9.6	224424.3	-0448.3				
5688	9.5	222349.0	-0436.0	5778	9.8	224516.4	-0402.9				
5689	9.5	222400.7	-0401.2	5779	9.5	224520.9	-0424.2				
5690	9.1	222420.3	-0458.3	5780	9.4	224526.2	-0444.0				
5691	9.5	222422.3	-0430.0	5781	9.1	224527.1	-0454.2				
5692	9.2	222436.3	-0454.9	5782	10.	224541.9	-0423.8				
5693	9.4	222441.5	-0445.2	5783	9.5	224542.2	-0442.2				
5694	8.3	222442.1	-0447.9	5784	9.5	224611.8	-0449.2				
5695	9.0	222507.5	-0452.0	5785	9.4	224646.4	-0434.6				
5696	9.1	222532.5	-0453.7	5786	9.5	224705.1	-0450.2				
5697	9.5	222536.1	-0407.7	5787	9.1	224722.8	-0402.5				
5698	9.4	222545.9	-0408.5	5788	9.6	224815.3	-0439.1				
5699	10.	222547.3	-0422.7	5789	9.5	224828.2	-0440.8				
5700	9.8	222550.6	-0400.3	5790	9.4	224841.3	-0413.2				
5701	9.7	222601.6	-0422.5	5791	8.3	224911.0	-0417.6				
5702	9.6	222613.4	-0401.7	5792	9.5	224922.3	-0454.5				
5703	9.0	222650.5	-0441.7	5793	7.0	224937.6	-0400.9				
5704	9.5	222652.2	-0408.9	5794	9.8	225011.8	-0401.6				
5705	7.8	222708.1	-0403.1	5795	8.0	225022.6	-0425.6				
5706	8.5	222711.4	-0421.0	5796	9.6	225109.1	-0431.9				
5707	8.5	222742.5	-0441.7	5797	9.0	225153.6	-0414.4				
5708	9.4	222835.9	-0436.7	5798	9.7	225218.1	-0441.7				
5709	9.4	222843.3	-0422.7	5799	9.8	225230.6	-0434.6				
5710	8.7	222844.0	-0445.9	5800	9.3	225246.4	-0405.8				
5711	9.7	222902.8	-0442.0	5801	9.8	225303.6	-0459.7				
5712	10.	222904.7	-0426.8	5802	9.3	225311.7	-0443.5				
5713	9.5	222931.7	-0401.6	5803	9.5	225408.6	-0450.4				
5714	9.5	222932.0	-0457.1	5804	7.8	225418.0	-0437.2				
5715	9.3	222939.0	-0444.5	5805	9.4	225421.8	-0414.7				
5716	5.3	223014.2	-0458.4	5806	9.5	225423.6	-0412.0				

5807	9.5	225428.1	-0409.3	5897	8.8	232403.8	-0410.3	5987	9.4	235028.0	-0424.6	51	9.0	01515.3	-0518.6
5808	9.0	225435.5	-0437.3	5898	10.	232433.1	-0416.4	5988	10.	235030.9	-0412.9	52	9.8	01547.8	-0514.8
5809	9.4	225507.1	-0446.2	5899	10.	232508.1	-0433.8	5989	8.7	235043.2	-0447.1	53	9.2	01549.9	-0522.4
5810	9.5	225512.0	-0432.8	5900	9.7	232521.5	-0416.8	5990	10.	235045.6	-0441.1	54	9.5	01607.2	-0504.8
5811	9.0	225529.0	-0435.9	5901	10.	232523.6	-0418.4	5991	9.5	235055.9	-0453.4	55	9.4	01614.8	-0508.8
5812	9.5	225551.0	-0429.4	5902	9.9	232551.7	-0425.7	5992	8.5	235058.0	-0409.5	56	8.6	01650.3	-0518.2
5813	9.1	225643.4	-0434.2	5903	9.5	232555.5	-0453.4	5993	9.4	235109.3	-0455.6	57	9.8	01704.9	-0547.6
5814	10.	225704.4	-0420.9	5904	9.6	232612.4	-0446.5	5994	9.8	235111.7	-0408.0	58	7.8	01707.8	-0527.0
5815	8.9	225710.0	-0416.2	5905	9.8	232631.9	-0447.7	5995	9.9	235111.9	-0454.3	59	9.0	01725.6	-0504.5
5816	9.3	225712.3	-0453.0	5906	10.	232632.6	-0439.3	5996	5.2	235115.0	-0421.5	60	8.5	01735.4	-0519.1
5817	9.1	225722.1	-0431.9	5907	9.2	232636.1	-0403.8	5997	9.6	235127.2	-0434.4	61	8.9	01753.4	-0510.8
5818	9.9	225726.4	-0447.9	5908	9.5	232651.6	-0446.8	5998	9.4	235143.2	-0439.1	62	10.	01812.5	-0548.8
5819	9.5	225731.4	-0422.7	5909	9.8	232709.1	-0412.6	5999	9.3	235150.3	-0401.9	63	8.8	01935.9	-0513.0
5820	9.4	225807.8	-0428.0	5910	9.7	232724.5	-0429.8	6000	9.6	235240.8	-0411.1	64	7.0	01941.4	-0548.3
5821	10.	225808.8	-0420.9	5911	8.9	232738.9	-0441.0	6001	9.9	235248.5	-0451.7	65	9.5	01955.9	-0543.1
5822	8.6	225910.9	-0458.9	5912	7.8	232746.5	-0439.3	6002	10.	235256.4	-0429.0	66	9.6	02003.1	-0523.0
5823	9.5	225927.0	-0431.2	5913	8.9	232758.9	-0434.8	6003	8.3	235305.9	-0406.7	67	10.	02045.6	-0509.3
5824	9.3	225938.0	-0420.8	5914	9.7	232822.9	-0459.4	6004	9.8	235331.4	-0430.0	68	9.8	02114.4	-0515.7
5825	9.7	230006.1	-0437.9	5915	8.7	232855.3	-0414.6	6005	9.5	235359.3	-0403.6	69	8.8	02116.9	-0537.5
5826	10.	230006.9	-0438.6	5916	9.7	233022.6	-0414.9	6006	9.2	235435.8	-0405.0	70	9.1	02207.4	-0542.8
5827	9.3	230022.0	-0417.8	5917	8.5	233042.8	-0433.5	6007	9.2	235516.1	-0412.3	71	9.5	02234.6	-0559.9
5828	9.4	230033.0	-0414.1	5918	9.3	233106.5	-0458.7	6008	10.	235521.5	-0437.5	72	9.9	02246.8	-0505.0
5829	9.3	230101.2	-0452.0	5919	9.6	233113.7	-0401.3	6009	9.5	235530.4	-0411.7	73	10.	02314.9	-0513.3
5830	9.0	230146.1	-0443.1	5920	9.6	233120.5	-0446.0	6010	9.8	235531.5	-0419.4	74	9.8	02408.5	-0536.8
5831	9.8	230146.8	-0455.2	5921	9.5	233131.0	-0449.7	6011	9.8	235538.5	-0417.9	75	8.0	02409.0	-0504.9
5832	9.8	230151.0	-0429.7	5922	10.	233149.3	-0439.2	6012	10.	235546.6	-0443.3	76	9.8	02409.4	-0543.7
5833	8.5	230207.7	-0444.9	5923	9.4	233159.3	-0416.6	6013	8.0	235555.2	-0457.2	77	8.6	02442.5	-0558.8
5834	9.8	230225.5	-0424.8	5924	9.4	233210.4	-0437.7	6014	9.0	235619.4	-0413.5	78	9.0	02457.0	-0516.4
5835	10.	230228.9	-0413.8	5925	9.8	233234.3	-0425.9	6015	9.4	235710.9	-0457.0	79	10.	02503.0	-0538.3
5836	9.5	230310.1	-0437.6	5926	9.0	233236.9	-0456.5	6016	9.8	235718.9	-0413.9	80	9.8	02515.5	-0538.0
5837	8.9	230320.3	-0418.1	5927	9.3	233238.1	-0450.9	6017	9.6	235721.6	-0425.9	81	9.8	02533.6	-0547.7
5838	10.	230327.7	-0411.2	5928	9.5	233252.5	-0449.1	6018	9.2	235743.8	-0450.6	82	9.5	02551.8	-0545.5
5839	9.5	230340.5	-0430.0	5929	9.8	233303.3	-0423.3	6019	7.8	235800.0	-0439.3	83	7.0	02705.5	-0520.6
5840	10.	230350.0	-0458.8	5930	9.8	233311.8	-0421.1	6020	9.8	235822.3	-0420.0	84	9.3	02706.1	-0520.6
5841	8.3	230443.7	-0443.4	5931	10.	233320.1	-0420.9	6021	9.6	235824.0	-0405.6	85	9.3	02711.4	-0523.9
5842	10.	230500.9	-0434.2	5932	9.5	233339.4	-0425.8	6022	9.3	235904.7	-0439.7	86	9.4	02730.1	-0558.8
5843	9.6	230603.3	-0443.6	5933	9.5	233344.9	-0456.4	6023	9.5	235908.6	-0433.7	87	8.9	02835.2	-0550.7
5844	9.0	230610.1	-0436.2	5934	9.1	233446.3	-0424.5	6024	9.3	235914.6	-0434.7	88	9.2	02843.5	-0500.7
5845	9.2	230626.2	-0436.0	5935	8.8	233509.0	-0421.6	6025	8.4	235930.0	-0425.8	89	10.	02924.6	-0553.8
5846	9.5	230641.6	-0404.4	5936	9.5	233521.5	-0438.8	6026	9.4	235930.2	-0448.9	90	9.5	02953.1	-0558.6
5847	9.5	230708.3	-0442.2	5937	9.3	233537.8	-0422.3	1	9.3	00000.6	-0508.0	91	9.1	02957.9	-0507.6
5848	9.5	230737.6	-0455.6	5938	9.5	233541.5	-0440.2	2	8.7	00011.1	-0520.9	92	10.	02959.7	-0532.5
5849	9.5	230749.0	-0419.0	5939	8.5	233608.8	-0407.2	3	8.6	00026.2	-0539.8	93	10.	03002.1	-0527.6
5850	9.1	230757.7	-0417.0	5940	9.3	233612.3	-0422.3	4	9.4	00044.4	-0556.4	94	9.0	03026.0	-0521.2
5851	9.8	230759.0	-0429.7	5941	9.3	233626.9	-0424.3	5	10.	00104.0	-0507.2	95	8.8	03217.9	-0542.7
5852	5.3	230806.4	-0416.9	5942	9.4	233640.6	-0459.3	6	9.0	00114.2	-0539.0	96	10.	03219.2	-0503.2
5853	9.0	230809.1	-0429.5	5943	9.5	233703.9	-0430.8	7	10.	00138.9	-0543.5	97	9.7	03229.1	-0551.9
5854	9.8	230829.7	-0436.6	5944	9.7	233731.3	-0424.6	8	10.	00145.4	-0540.7	98	10.	03240.8	-0510.5
5855	9.8	230848.6	-0433.1	5945	9.5	233745.4	-0430.6	9	10.	00148.8	-0504.7	99	9.8	03259.2	-0548.5
5856	9.3	230900.7	-0412.6	5946	9.5	233821.8	-0405.1	10	9.2	00204.6	-0528.9	100	9.0	03314.1	-0508.5
5857	9.8	230931.3	-0432.0	5947	9.3	233828.2	-0450.2	11	9.9	00221.0	-0550.7	101	6.3	03319.1	-0508.9
5858	10.	230947.6	-0456.9	5948	9.0	233838.9	-0406.7	12	9.4	00247.3	-0544.0	102	9.4	03321.5	-0526.6
5859	10.	230958.1	-0408.0	5949	8.8	233841.4	-0412.8	13	10.	00247.9	-0512.8	103	9.7	03326.9	-0543.8
5860	9.5	231000.1	-0429.3	5950	9.5	233855.0	-0454.1	14	9.4	00253.7	-0536.1	104	9.1	03330.1	-0502.7
5861	9.5	231031.3	-0451.7	5951	9.4	233856.9	-0415.4	15	9.5	00313.2	-0530.3	105	8.7	03334.0	-0521.8
5862	9.1	231036.7	-0410.5	5952	9.4	233919.7	-0413.0	16	9.7	00323.8	-0501.2	106	9.8	03358.6	-0530.9
5863	10.	231118.9	-0459.9	5953	9.5	233932.3	-0403.4	17	8.2	00410.4	-0552.4	107	8.3	03407.1	-0501.8
5864	9.3	231130.1	-0432.9	5954	9.5	233945.3	-0442.4	18	9.5	00411.6	-0502.1	108	9.5	03417.8	-0515.3
5865	9.1	231140.0	-0424.9	5955	8.5	233956.6	-0442.4	19	9.8	00453.2	-0539.4	109	10.	03421.7	-0552.5
5866	10.	231222.0	-0437.7	5956	9.5	234011.4	-0421.0	20	9.9	00507.7	-0529.3	110	9.5	03439.5	-0522.5
5867	10.	231243.0	-0432.4	5957	8.5	234014.1	-0420.3	21	9.8	00536.3	-0531.1	111	9.8	03520.8	-0520.1
5868	6.5	231244.8	-0442.4	5958	9.4	234044.0	-0417.4	22	10.	00546.5	-0540.6	112	9.8	03550.2	-0555.4
5869	9.8	231247.1	-0400.6	5959	9.0	234119.5	-0426.8	23	8.9	00602.2	-0527.1	113	9.8	03612.0	-0529.2
5870	9.0	231257.6	-0409.1	5960	9.5	234133.1	-0444.4	24	9.8	00616.1	-0500.4	114	10.	03631.1	-0512.2
5871	9.7	231320.4	-0414.5	5961	9.0	234229.4	-0423.6	25	9.9	00733.3	-0535.5	115	10.	03655.7	-0558.0
5872	9.5	231352.1	-0411.6	5962	9.6	234250.7	-0415.0	26	9.1	00759.2	-0520.1	116	8.5	03656.6	-0511.3
5873	9.5	231402.6	-0407.4	5963	9.5	234259.3	-0408.5	27	8.7	00809.7	-0549.0	117	9.7	03715.7	-0552.1
5874	9.5	231405.5	-0420.6	5964	9.1	234335.5	-0422.0	28	10.	00811.7	-0513.5	118	9.7	03719.7	-0537.8
5875	9.5	231506.3	-0421.4	5965	8.0	234402.4	-0412.5	29	9.2	00824.2	-0517.7	119	8.8	03757.3	-0548.2
5876	9.3	231512.1	-0404.3	5966	9.8	234405.3	-0400.9	30	10.	00852.5	-0556.7	120	6.5	03800.6	-0525.3
5877	9.5	231528.3	-0448.4	5967	8.8	234407.1	-0419.2	31	9.1	00913.7	-0547.3	121	9.8	03845.6	-0546.0
5878	9.5	231530.1	-0420.4	5968	8.8	234407.6	-0417.0	32	9.8	00927.8	-0518.5	122	9.5	03855.8	-0518.1
5879	8.3	231555.0	-0400.4	5969	9.6	234447.1	-0439.6	33	9.7	00934.1	-0540.4	123	9.8	03916.2	-0546.8
5880	9.7	231556.7	-0455.5	5970	9.4	234450.0	-0433.1	34	9.5	00939.7	-0540.3	124	7.9	03917.6	-0512.5
5881	9.0	231636.4	-0426.5	5971	9.1	234456.4	-0412.1	35	8.5	00950.8	-0515.2	125	9.4	03949.7	-0552.4
5882	9.6	231720.2	-0425.6	5972	9.4	234528.8	-0416.8	36	9.6	01047.1	-0505.3	126	9.5	04010.6	-0513.9
5883	9.5	231819.1	-0416.5	5973	9.8	234631.9	-0403.8	37	9.5	01108.3	-0536.1	127	9.5	04011.2	-0550.1
5884	9.6	231912.9	-0439.5	5974	9.9	234654.5	-0426.3	38	9.5	01141.7	-0504.3	128	9.2	04015.7	-0517.7
5885	9.5	231941.7	-0406.4	5975	9.1	234709.7	-0421.5	39	9.8	01144.2	-0531.4	129	9.8	04030.6	-0502.5
5886	9.2	231958.9	-0421.0	5976	8.8	234715.8	-0415.6	40	9.0	01147.7	-0551.3	130	9.3	04034.3	-0559.0
5887	9.8	232105.2	-0423.6	5977	9.7	234732.1	-0456.7	41	10.	01209.6	-0553.0	131	9.8	04043.1	-0525.5
5888	9.7	232120.2	-0439.7	5978	9.7	234803.4	-0430.0	42	9.4	01312.3	-0508.9	132	9.8	04046.2	-0534.1
5889	9.5	232124.0	-0452.9	5979	10.	234826.6	-0456.5	43	9.3	01316.5	-0557.1	133	10.	04203.2	-0532.5
5890	8.5	232154.2	-0423.6	5980	9.4	234845.7	-0446.7	44	9.7	01340.1	-0549.5	134	8.5	04300.8	-0555.1
5891	9.0	232244.7	-0407.3	5981	9.0	234848.4	-0418.1	45	9.9	01355.3	-0516.7	135	9.9	04325.1	-0512.4
5892	9.5	232247.1	-0401.7	5982	9.5	234855.3	-0401.8	46	9.5	01405.3	-0521.6	136	9.2	04326.6	-0505.3
5893	9.1	232251.3	-0439.0	5983	9.4	234920.9	-0401.9	47	9.5	01425.3	-0513.3	137	9.6	04334.7	-0540.7
5894	9.5	232301.5	-0453.5	5984	9.8	234947.8	-0436.9	48	9.8	01442.8	-0514.0	138	7.2	04346.1	-0549.4
5895	8.9	232327.4	-0455.1	5985	10.	235013.5	-0441.5	49	7.0	01450.1	-0559.9	139	8.5	04349.9	-0558.3
5896	6.8	232402.0	-0452.6	5986	9.4	235018.1	-0434.2	50	9.5	01510.3	-0534.3	140	9.3	04401.6	-0528.8

-05 141 0h44m

-05 500 2h33m

141	9.8	04402.3	-0552.7	231	9.1	11117.5	-0525.9	321	9.5	14141.2	-0512.6	411	7.7	20707.4	-0556.8
142	9.5	04427.4	-0503.6	232	9.8	11134.4	-0509.0	322	9.2	14220.2	-0507.9	412	10.	20728.2	-0544.3
143	9.8	04447.7	-0559.5	233	9.4	11139.3	-0557.9	323	8.5	14236.4	-0535.1	413	9.1	20737.1	-0515.3
144	9.6	04504.2	-0521.8	234	9.2	11150.5	-0525.3	324	9.0	14242.0	-0555.0	414	10.	20738.1	-0535.0
145	9.5	04504.4	-0554.6	235	9.2	11154.5	-0529.8	325	9.2	14249.7	-0558.5	415	10.	20749.0	-0540.4
146	9.4	04527.4	-0546.6	236	10.	11205.2	-0547.4	326	9.8	14305.5	-0549.4	416	9.2	20819.1	-0544.7
147	6.5	04617.7	-0518.4	237	8.9	11207.1	-0535.6	327	8.6	14319.7	-0540.9	417	8.1	20838.8	-0545.4
148	9.3	04626.2	-0515.0	238	8.3	11210.1	-0540.4	328	10.	14347.8	-0504.9	418	9.5	20853.0	-0509.2
149	10.	04724.8	-0553.2	239	10.	11222.2	-0530.0	329	9.8	14435.1	-0536.5	419	9.5	20905.1	-0532.7
150	9.2	04754.7	-0524.9	240	9.5	11223.7	-0543.0	330	9.4	14438.0	-0540.7	420	9.1	20910.4	-0552.3
151	9.8	04801.3	-0526.4	241	9.8	11309.6	-0553.6	331	9.7	14446.2	-0549.7	421	9.0	20923.5	-0556.3
152	10.	04804.0	-0521.8	242	9.7	11317.8	-0548.2	332	9.6	14509.3	-0512.8	422	9.0	20925.0	-0530.8
153	9.8	04813.8	-0529.1	243	9.5	11401.5	-0537.5	333	8.7	14528.0	-0550.5	423	10.	20936.5	-0557.4
154	9.4	04824.5	-0557.5	244	9.5	11405.7	-0520.7	334	9.5	14602.1	-0533.6	424	9.4	20937.6	-0517.4
155	9.3	04826.2	-0519.0	245	9.5	11405.8	-0557.0	335	9.5	14618.6	-0533.3	425	8.5	21003.9	-0501.5
156	9.8	04859.9	-0553.8	246	9.4	11411.9	-0559.0	336	8.6	14623.7	-0559.0	426	9.5	21008.5	-0556.8
157	9.5	04918.8	-0542.4	247	8.2	11447.0	-0519.4	337	10.	14650.0	-0554.3	427	9.2	21057.4	-0538.6
158	10.	04935.9	-0539.9	248	9.1	11453.6	-0536.4	338	9.9	14650.7	-0550.8	428	9.5	21101.3	-0540.4
159	9.1	05003.9	-0506.7	249	9.2	11516.5	-0541.9	339	9.7	14703.5	-0506.8	429	8.7	21104.2	-0500.0
160	8.5	05031.7	-0501.8	250	9.1	11555.8	-0541.7	340	9.1	14708.1	-0553.6	430	8.2	21114.8	-0532.3
161	9.3	05054.4	-0540.1	251	10.	11656.1	-0536.4	341	9.5	14732.9	-0514.7	431	9.0	21116.4	-0535.4
162	9.4	05137.2	-0525.4	252	9.5	11658.0	-0524.1	342	9.4	14744.2	-0537.8	432	9.7	21117.6	-0516.6
163	8.8	05211.9	-0553.0	253	9.7	11709.2	-0552.2	343	9.5	14821.6	-0533.4	433	9.4	21120.1	-0514.0
164	10.	05213.9	-0539.5	254	8.5	11801.0	-0547.0	344	9.4	14834.1	-0535.2	434	9.8	21151.7	-0518.9
165	8.3	05219.8	-0514.5	255	9.5	11804.1	-0503.1	345	10.	14842.7	-0552.1	435	9.3	21157.5	-0504.8
166	7.8	05221.2	-0506.1	256	9.6	11839.3	-0532.5	346	9.2	14853.2	-0543.7	436	9.8	21209.0	-0549.4
167	9.5	05222.5	-0556.0	257	9.7	11848.6	-0508.7	347	9.5	14857.4	-0509.9	437	8.8	21223.1	-0540.3
168	8.3	05231.5	-0558.2	258	7.8	11900.7	-0525.3	348	9.2	14902.4	-0540.0	438	7.0	21224.3	-0500.6
169	10.	05247.7	-0534.0	259	9.7	11919.8	-0532.4	349	9.3	14920.1	-0540.8	439	9.1	21228.5	-0541.8
170	10.	05256.8	-0514.0	260	9.4	12005.5	-0531.9	350	9.8	14921.1	-0546.0	440	9.5	21229.6	-0513.4
171	7.5	05339.8	-0525.6	261	8.8	12029.9	-0513.6	351	10.	14945.2	-0536.2	441	9.8	21303.5	-0507.6
172	9.0	05355.3	-0511.8	262	9.8	12045.0	-0530.1	352	9.3	15001.7	-0504.3	442	9.2	21405.2	-0518.2
173	9.0	05407.8	-0513.1	263	10.	12057.9	-0516.5	353	8.8	15022.2	-0556.2	443	9.2	21411.8	-0527.7
174	9.7	05451.3	-0528.2	264	9.9	12134.2	-0540.7	354	10.	15029.0	-0524.8	444	9.1	21412.3	-0550.0
175	9.5	05535.0	-0531.3	265	9.5	12143.7	-0545.9	355	9.8	15035.8	-0543.3	445	9.8	21418.5	-0549.8
176	9.5	05541.7	-0502.7	266	9.0	12207.0	-0532.5	356	9.5	15037.2	-0551.5	446	9.8	21441.3	-0526.5
177	5.3	05541.9	-0536.7	267	9.1	12232.8	-0552.3	357	8.2	15048.3	-0500.4	447	9.0	21442.1	-0510.6
178	9.8	05620.6	-0542.2	268	9.1	12310.8	-0518.9	358	9.4	15105.1	-0553.1	448	9.5	21520.1	-0556.8
179	9.0	05627.0	-0501.7	269	9.5	12313.1	-0535.6	359	9.3	15131.6	-0531.0	449	9.8	21629.4	-0529.3
180	9.4	05700.4	-0522.4	270	10.	12336.4	-0526.5	360	9.7	15132.5	-0522.3	450	9.5	21649.0	-0502.7
181	10.	05726.1	-0518.8	271	7.2	12339.9	-0542.3	361	8.5	15148.0	-0524.2	451	9.8	21705.4	-0542.2
182	10.	05738.0	-0501.3	272	10.	12423.2	-0559.5	362	9.9	15157.2	-0544.2	452	9.8	21726.1	-0505.1
183	10.	05754.1	-0559.2	273	8.3	12428.5	-0542.3	363	9.9	15200.6	-0532.1	453	8.5	21751.3	-0524.5
184	9.9	05759.1	-0558.2	274	9.8	12454.0	-0531.3	364	10.	15210.2	-0517.5	454	9.5	21752.6	-0552.6
185	9.2	05837.9	-0542.8	275	9.2	12511.3	-0507.0	365	8.9	15251.3	-0523.8	455	9.9	21828.2	-0525.3
186	8.2	05838.2	-0504.5	276	9.5	12612.1	-0545.6	366	9.5	15310.5	-0541.4	456	9.4	21850.9	-0513.0
187	9.8	05858.0	-0550.5	277	9.8	12632.6	-0539.4	367	9.8	15316.4	-0518.1	457	9.1	21853.9	-0545.1
188	10.	05906.6	-0558.2	278	9.5	12633.2	-0528.4	368	9.4	15326.2	-0546.1	458	9.3	21905.8	-0530.7
189	8.0	05924.8	-0525.3	279	9.5	12644.1	-0535.4	369	9.8	15332.0	-0550.4	459	9.1	21946.0	-0549.7
190	7.8	05937.2	-0540.9	280	9.5	12704.3	-0555.4	370	9.7	15336.6	-0543.8	460	9.1	21957.8	-0506.2
191	10.	05954.9	-0534.3	281	9.0	12720.4	-0519.9	371	9.1	15348.1	-0529.2	461	9.1	21958.8	-0518.5
192	8.0	10022.9	-0531.3	282	9.1	12726.0	-0559.4	372	8.5	15405.1	-0530.0	462	9.8	22018.5	-0519.1
193	9.5	10025.4	-0521.7	283	9.8	12743.6	-0538.1	373	9.8	15420.8	-0506.2	463	9.0	22029.5	-0540.8
194	9.5	10101.4	-0508.1	284	9.4	12756.0	-0502.6	374	9.0	15429.3	-0556.3	464	9.8	22038.9	-0532.3
195	8.0	10131.9	-0529.6	285	8.0	12821.5	-0549.3	375	10.	15438.6	-0530.2	465	9.8	22044.0	-0536.1
196	9.5	10139.5	-0544.2	286	10.	12917.4	-0541.6	376	9.9	15454.8	-0559.6	466	9.5	22052.7	-0520.3
197	10.	10141.1	-0508.6	287	8.6	12925.9	-0503.0	377	9.8	15458.0	-0526.6	467	8.5	22107.2	-0556.1
198	8.3	10156.0	-0545.0	288	9.3	12926.0	-0544.6	378	9.0	15513.4	-0510.4	468	10.	22111.7	-0559.8
199	8.5	10219.0	-0548.1	289	9.8	12956.5	-0521.6	379	9.5	15533.5	-0502.8	469	9.4	22152.0	-0511.1
200	9.0	10308.0	-0544.3	290	9.2	13002.7	-0539.3	380	9.0	15555.0	-0517.5	470	9.8	22214.0	-0535.6
201	9.0	10316.9	-0507.2	291	9.6	13049.4	-0547.4	381	7.5	15607.8	-0501.4	471	7.5	22311.6	-0540.9
202	7.3	10322.9	-0536.8	292	9.5	13102.9	-0510.8	382	8.1	15631.5	-0516.6	472	9.2	22406.7	-0526.0
203	9.7	10325.4	-0510.6	293	9.8	13107.2	-0533.6	383	9.8	15634.3	-0535.6	473	9.3	22416.5	-0545.0
204	9.8	10335.1	-0535.9	294	9.0	13119.3	-0542.6	384	9.8	15636.6	-0519.1	474	9.7	22502.7	-0539.9
205	9.0	10357.0	-0512.8	295	9.8	13245.9	-0510.5	385	10.	15658.2	-0507.0	475	9.6	22545.9	-0505.1
206	10.	10407.7	-0521.0	296	8.4	13304.0	-0512.0	386	8.5	15751.3	-0505.7	476	9.7	22559.0	-0537.1
207	8.5	10447.9	-0515.7	297	8.7	13326.0	-0518.7	387	9.2	15826.1	-0502.3	477	9.6	22559.1	-0558.2
208	9.2	10512.6	-0545.1	298	9.6	13356.0	-0552.8	388	7.3	15857.4	-0503.2	478	10.	22607.9	-0507.4
209	9.5	10548.1	-0538.8	299	9.6	13401.0	-0556.2	389	9.4	15911.1	-0548.5	479	9.8	22658.9	-0506.7
210	7.3	10631.0	-0536.9	300	8.5	13445.4	-0540.8	390	9.5	15924.9	-0506.5	480	9.5	22718.6	-0547.8
211	9.5	10636.2	-0558.1	301	9.1	13458.8	-0503.9	391	9.5	15958.4	-0554.7	481	9.2	22727.0	-0542.3
212	9.7	10649.2	-0508.1	302	9.5	13510.7	-0532.8	392	9.8	20010.2	-0529.4	482	9.5	22734.5	-0504.4
213	9.3	10649.2	-0526.4	303	10.	13518.7	-0547.9	393	8.8	20042.6	-0540.6	483	9.3	22741.6	-0549.3
214	9.7	10703.7	-0511.7	304	8.7	13529.1	-0504.3	394	9.3	20049.7	-0532.2	484	9.5	22819.8	-0523.8
215	7.5	10710.9	-0548.6	305	8.8	13602.5	-0551.2	395	9.8	20103.3	-0538.9	485	9.9	22826.2	-0524.5
216	10.	10728.0	-0531.5	306	9.0	13611.4	-0501.4	396	9.8	20107.1	-0527.2	486	9.7	22849.3	-0558.2
217	10.	10807.0	-0509.7	307	9.8	13623.5	-0508.7	397	9.4	20157.7	-0542.5	487	9.0	22858.0	-0507.3
218	9.0	10817.9	-0522.2	308	9.5	13630.8	-0500.6	398	9.8	20221.6	-0536.4	488	9.8	22930.2	-0500.9
219	9.6	10825.3	-0508.0	309	6.5	13636.2	-0529.9	399	9.8	20231.8	-0533.9	489	9.0	22942.5	-0510.6
220	9.9	10826.9	-0531.6	310	9.5	13727.5	-0550.0	400	9.8	20334.2	-0543.4	490	9.3	23011.9	-0505.3
221	8.4	10848.4	-0543.0	311	9.7	13754.3	-0545.5	401	10.	20346.3	-0526.0	491	8.6	23017.5	-0543.2
222	9.5	10857.8	-0512.7	312	10.	13817.1	-0519.1	402	8.8	20348.9	-0517.3	492	9.4	23043.4	-0518.0
223	8.2	10910.3	-0537.5	313	9.5	13823.8	-0541.2	403	9.0	20431.3	-0546.6	493	9.1	23050.6	-0551.1
224	10.	10911.7	-0521.7	314	9.4	13932.3	-0542.0	404	8.7	20435.9	-0502.9	494	9.5	23134.2	-0558.7
225	9.0	11018.0	-0534.6	315	9.9	13937.0	-0531.0	405	9.5	20451.0	-0510.8	495	9.5	23142.5	-0548.6
226	8.5	11039.4	-0505.7	316	9.8	13950.0	-0525.7	406	9.6	20607.6	-0555.0	496	9.3	23148.3	-0507.0
227	10.	11042.6	-0534.6	317	9.6	13953.5	-0540.2	407	9.8	20609.8	-0542.6	497	9.5	23207.4	-0533.3
228	10.	11044.5	-0512.7	318	9.9	14013.0	-0546.3	408	9.5	20618.6	-0539.2	498	8.4	23220.1	-0538.8
229	9.5	11045.5	-0539.5	319	9.5	14051.2	-0508.4	409	9.0	20643.8	-0543.4	499	9.0	23323.8	-0501.5
230	9.8	11107.8	-0558.8	320	9.5	14051.6	-0503.2	410	8.8	20644.0	-0532.4	500	9.8	23338.7	-0521.1

-05 501 2h33m

-05 860 4h08m

501	8.3	23359.3	-0523.2	591	9.5	30258.9	-0549.9	681	9.8	32425.3	-0557.0	771	8.9	34622.0	-0527.2
502	9.7	23418.0	-0537.2	592	7.8	30226.6	-0556.5	682	9.7	32450.8	-0537.7	772	10.	34634.3	-0517.4
503	9.7	23419.9	-0532.1	593	9.5	30355.0	-0514.5	683	10.	32544.2	-0518.9	773	9.5	34744.2	-0549.0
504	9.7	23424.6	-0506.7	594	9.5	30416.4	-0533.7	684	9.1	32600.0	-0506.4	774	9.5	34750.5	-0538.0
505	9.3	23446.1	-0525.8	595	8.4	30518.9	-0509.4	685	9.7	32607.8	-0546.3	775	8.2	34759.6	-0524.4
506	9.7	23501.8	-0545.2	596	8.5	30527.5	-0540.5	686	9.4	32650.8	-0555.8	776	9.6	34834.0	-0551.8
507	10.	23556.3	-0525.5	597	9.0	30611.9	-0500.7	687	8.8	32701.5	-0532.9	777	9.6	34851.4	-0501.6
508	9.6	23564.7	-0539.1	598	8.8	30615.5	-0508.3	688	9.8	32724.2	-0545.7	778	9.2	34904.1	-0525.4
509	8.5	23706.6	-0506.1	599	9.7	30718.5	-0546.1	689	9.5	32724.6	-0519.3	779	8.5	34906.6	-0534.5
510	9.5	23710.2	-0511.0	600	8.5	30722.6	-0540.8	690	9.4	32727.4	-0529.0	780	9.7	34927.0	-0546.9
511	9.8	23738.8	-0516.5	601	8.5	30756.1	-0519.4	691	9.8	32727.9	-0558.9	781	9.5	34933.8	-0503.3
512	9.8	23817.7	-0508.4	602	9.6	30816.0	-0543.5	692	9.4	32729.2	-0553.7	782	10.	34957.5	-0502.1
513	9.5	23836.1	-0509.0	603	9.8	30839.3	-0540.4	693	9.8	32743.1	-0507.2	783	9.4	34958.9	-0519.7
514	7.7	23845.0	-0533.6	604	9.5	30841.9	-0538.1	694	9.3	32745.4	-0540.9	784	9.8	35018.7	-0549.4
515	9.1	23920.8	-0517.1	605	9.8	30904.2	-0513.5	695	8.5	32755.3	-0523.3	785	9.0	35025.6	-0559.2
516	9.3	23934.2	-0511.0	606	9.1	30908.6	-0540.7	696	6.5	32846.5	-0536.5	786	9.2	35036.5	-0523.0
517	9.8	23954.7	-0522.6	607	9.5	30946.0	-0503.5	697	9.0	32853.9	-0529.4	787	8.5	35057.9	-0519.2
518	10.	24058.9	-0555.7	608	9.8	31001.1	-0537.9	698	9.8	32915.7	-0517.0	788	10.	35058.1	-0527.7
519	8.3	24107.0	-0529.0	609	9.2	31020.8	-0523.6	699	9.3	32931.4	-0530.0	789	6.0	35143.7	-0552.7
520	9.7	24108.5	-0505.8	610	9.8	31023.9	-0522.4	700	9.0	32936.5	-0509.9	790	9.5	35202.3	-0554.6
521	8.3	24109.3	-0531.4	611	9.4	31032.7	-0508.3	701	9.0	33003.1	-0508.3	791	9.5	35219.8	-0535.9
522	9.7	24124.0	-0503.7	612	9.8	31038.1	-0551.2	702	9.6	33003.8	-0504.5	792	9.8	35246.1	-0549.4
523	9.4	24127.2	-0515.5	613	9.8	31055.8	-0529.3	703	9.5	33109.2	-0546.4	793	10.	35329.8	-0540.0
524	7.7	24141.7	-0546.6	614	9.4	31109.2	-0514.1	704	9.8	33113.1	-0545.5	794	10.	35333.6	-0531.5
525	9.8	24218.7	-0551.0	615	9.1	31109.6	-0501.2	705	9.5	33139.4	-0556.6	795	8.8	35349.0	-0507.6
526	9.3	24244.0	-0525.2	616	9.8	31128.3	-0518.8	706	9.4	33142.3	-0552.5	796	9.5	35359.1	-0556.4
527	8.6	24246.8	-0518.7	617	9.5	31135.3	-0516.1	707	9.3	33144.8	-0518.7	797	9.4	35408.1	-0532.5
528	7.2	24308.2	-0535.1	618	8.7	31145.8	-0516.1	708	9.7	33214.9	-0544.5	798	9.6	35410.9	-0514.2
529	9.3	24331.7	-0502.9	619	9.7	31256.8	-0502.9	709	10.	33220.8	-0536.8	799	10.	35432.7	-0518.6
530	9.4	24333.7	-0512.1	620	9.3	31324.4	-0529.3	710	10.	33227.8	-0520.2	800	9.4	35507.5	-0515.9
531	9.3	24412.1	-0549.5	621	9.8	31334.7	-0556.3	711	8.9	33247.0	-0534.9	801	9.9	35528.0	-0521.3
532	8.9	24414.1	-0506.9	622	9.9	31340.9	-0522.2	712	9.4	33249.3	-0519.8	802	9.8	35531.2	-0519.3
533	9.9	24446.7	-0552.0	623	9.4	31412.6	-0553.9	713	9.8	33255.5	-0500.8	803	8.6	35533.7	-0535.0
534	9.6	24454.0	-0532.9	624	10.	31423.4	-0524.7	714	9.3	33302.1	-0536.8	804	9.5	35535.8	-0539.7
535	9.5	24531.0	-0556.5	625	8.5	31433.0	-0541.0	715	5.5	33327.5	-0540.8	805	9.0	35607.5	-0505.7
536	7.3	24600.2	-0550.8	626	9.0	31436.1	-0558.3	716	9.5	33338.9	-0522.2	806	9.1	35614.6	-0523.4
537	9.8	24624.3	-0539.2	627	9.1	31443.9	-0527.5	717	9.1	33353.6	-0550.3	807	10.	35615.2	-0501.5
538	9.6	24650.3	-0542.6	628	7.7	31459.3	-0539.8	718	8.5	33359.2	-0545.5	808	9.5	35625.8	-0506.2
539	9.5	24655.8	-0548.5	629	10.	31504.6	-0500.0	719	9.1	33406.8	-0519.0	809	9.6	35643.5	-0543.9
540	9.1	24705.7	-0508.4	630	9.6	31520.6	-0528.3	720	10.	33419.5	-0532.6	810	7.0	35651.2	-0500.2
541	7.0	24726.4	-0555.3	631	10.	31533.7	-0555.7	721	8.6	33433.5	-0542.5	811	9.5	35653.4	-0510.0
542	9.0	24805.4	-0518.1	632	10.	31535.1	-0539.7	722	9.9	33440.6	-0536.2	812	9.0	35708.4	-0503.9
543	9.8	24812.3	-0514.0	633	9.8	31552.6	-0509.2	723	9.7	33609.8	-0539.2	813	9.2	35714.6	-0544.2
544	10.	24816.3	-0539.3	634	9.3	31620.5	-0523.6	724	7.7	33531.7	-0503.9	814	9.1	35722.9	-0537.0
545	9.4	24826.6	-0528.8	635	10.	31646.3	-0528.2	725	9.4	33532.3	-0521.5	815	9.2	35729.2	-0530.4
546	8.0	24929.4	-0556.4	636	9.1	31702.6	-0551.4	726	10.	33556.6	-0509.9	816	8.0	35753.9	-0510.6
547	9.6	24950.8	-0505.7	637	9.5	31720.9	-0515.5	727	9.5	33619.9	-0507.9	817	9.8	35757.9	-0552.1
548	9.7	25012.5	-0521.8	638	10.	31724.9	-0549.6	728	9.7	33621.1	-0508.8	818	9.3	35806.8	-0535.9
549	9.8	25014.6	-0502.1	639	8.8	31740.7	-0513.6	729	8.8	33628.8	-0518.5	819	9.5	35811.2	-0531.4
550	9.3	25020.2	-0542.8	640	9.6	31741.5	-0541.7	730	9.1	33704.4	-0539.3	820	9.1	35817.0	-0515.8
551	8.6	25023.7	-0556.6	641	9.1	31748.9	-0529.5	731	9.3	33722.2	-0540.3	821	9.0	35833.3	-0549.0
552	9.5	25023.8	-0552.8	642	7.9	31751.5	-0551.0	732	9.7	33729.5	-0542.9	822	8.7	35842.5	-0533.3
553	8.5	25042.4	-0518.2	643	10.	31754.0	-0522.1	733	9.9	33742.7	-0524.7	823	10.	35848.7	-0559.8
554	7.3	25154.5	-0521.4	644	7.0	31807.9	-0518.1	734	10.	33756.6	-0529.2	824	9.5	35849.9	-0537.5
555	9.8	25157.3	-0534.2	645	10.	31815.1	-0545.8	735	9.8	33801.5	-0529.8	825	10.	35933.5	-0551.8
556	9.4	25202.8	-0550.8	646	9.8	31815.3	-0501.8	736	9.2	33816.7	-0548.1	826	9.8	35941.1	-0524.3
557	9.4	25216.0	-0559.5	647	9.8	31826.2	-0519.4	737	10.	33831.0	-0546.5	827	9.3	35942.6	-0507.4
558	9.5	25221.7	-0536.5	648	9.6	31829.1	-0533.1	738	9.0	33842.8	-0545.7	828	9.5	40011.1	-0554.7
559	9.3	25258.4	-0555.2	649	9.7	31844.0	-0557.3	739	9.5	33854.0	-0525.7	829	9.6	40037.4	-0541.8
560	9.8	25407.0	-0508.6	650	9.8	31851.1	-0527.9	740	9.3	33856.7	-0507.1	830	9.3	40101.2	-0526.8
561	9.8	25408.8	-0517.7	651	9.5	31901.6	-0518.6	741	9.6	33916.0	-0551.8	831	10.	40109.4	-0544.7
562	9.4	25413.3	-0536.0	652	9.7	31907.0	-0502.4	742	9.6	33916.6	-0506.5	832	9.5	40117.6	-0554.1
563	10.	25438.2	-0532.0	653	9.3	31907.6	-0502.5	743	9.5	33924.7	-0554.8	833	8.2	40127.9	-0510.0
564	9.5	25521.9	-0557.1	654	9.5	31908.7	-0503.6	744	10.	33938.0	-0545.2	834	9.2	40135.9	-0502.9
565	9.1	25536.4	-0512.5	655	9.4	31910.0	-0506.2	745	9.6	34011.1	-0500.8	835	9.8	40151.8	-0531.0
566	8.8	25553.3	-0526.4	656	8.8	31926.3	-0553.5	746	9.0	34014.9	-0502.9	836	8.8	40154.6	-0505.8
567	9.4	25640.8	-0544.1	657	9.6	31928.5	-0518.5	747	10.	34032.2	-0537.4	837	9.0	40205.1	-0521.0
568	7.0	25653.9	-0548.0	658	9.5	31944.8	-0517.8	748	8.9	34035.2	-0521.7	838	9.6	40222.1	-0523.6
569	10.	25727.1	-0522.5	659	9.5	31947.5	-0540.5	749	7.5	34036.4	-0517.3	839	9.8	40249.2	-0528.7
570	9.2	25742.2	-0542.7	660	9.0	31948.2	-0525.4	750	9.0	34042.0	-0554.0	840	9.6	40325.8	-0501.8
571	10.	25743.7	-0554.2	661	9.4	31950.9	-0551.2	751	10.	34119.8	-0558.7	841	7.5	40333.3	-0515.0
572	10.	25757.0	-0517.8	662	9.3	31956.2	-0550.5	752	10.	34159.9	-0528.0	842	10.	40337.4	-0529.1
573	10.	25805.2	-0505.4	663	9.4	31956.6	-0548.4	753	9.5	34224.2	-0542.2	843	7.8	40356.4	-0539.2
574	9.5	25844.9	-0529.1	664	9.1	32006.0	-0524.3	754	10.	34229.3	-0518.9	844	10.	40406.2	-0528.5
575	9.4	25852.3	-0507.6	665	9.9	32029.1	-0538.2	755	9.0	34232.4	-0543.8	845	9.4	40426.5	-0545.2
576	10.	25920.3	-0507.3	666	9.4	32057.8	-0555.1	756	9.7	34232.8	-0538.9	846	9.6	40440.0	-0537.0
577	9.3	25930.9	-0513.5	667	9.3	32105.9	-0559.4	757	9.0	34255.5	-0553.6	847	9.5	40440.9	-0538.9
578	9.0	25956.1	-0532.0	668	8.2	32106.7	-0540.1	758	8.2	34309.5	-0531.1	848	9.0	40505.7	-0557.6
579	8.2	25958.4	-0536.7	669	9.3	32141.1	-0533.0	759	9.1	34312.7	-0512.3	849	9.2	40524.5	-0505.2
580	9.8	25962.3	-0507.5	670	10.	32201.8	-0508.6	760	9.2	34318.5	-0528.0	850	9.3	40530.1	-0516.1
581	7.8	30007.5	-0556.6	671	9.8	32241.6	-0552.9	761	9.8	34327.8	-0517.7	851	10.	40557.6	-0558.3
582	9.5	30041.2	-0529.7	672	8.3	32254.6	-0521.4	762	8.0	34329.5	-0503.1	852	9.2	40600.2	-0547.9
583	9.3	30051.4	-0551.0	673	9.7	32316.4	-0544.3	763	9.2	34359.8	-0513.0	853	9.5	40639.7	-0523.3
584	9.0	30055.7	-0526.4	674	9.0	32325.2	-0534.4	764	9.5	34413.9	-0519.7	854	9.7	40701.9	-0550.8
585	9.4	30221.9	-0504.4	675	9.9	32330.9	-0515.3	765	9.4	34432.1	-0529.1	855	9.1	40725.3	-0531.7
586	9.1	30224.9	-0505.7	676	9.5	32330.9	-0527.9	766	10.	34434.6	-0500.8	856	9.5	40727.8	-0531.6
587	9.3	30241.4	-0551.8	677	9.5	32334.5	-0517.2	767	9.8	34507.7	-0509.9	857	8.4	40742.8	-0545.7
588	9.6	30246.3	-0501.5	678	9.3	32353.0	-0501.0	768	7.0	34520.5	-0529.5	858	9.8	40807.4	-0511.8
589	8.6	30251.1	-0554.5	679	9.4	32409.2	-0533.2	769	5.7	34532.1	-0547.8	859	9.0	40823.5	-0505.6
590	9.5	30258.5	-0551.0	680	9.3	32417.7	-0556.3	770	9.4	34601.2	-0508.5	860	9.0	40824.9	-0512.0

-05 861 4h08m

-05 1220 5h12m

861	10.	40832.1	-0548.8	951	9.5	42606.9	-0541.2	1041	9.8	44101.9	-0537.7	1131	10.	45508.4	-0510.5
862	10.	40840.6	-0548.4	952	9.4	42626.9	-0518.7	1042	9.2	44117.0	-0548.2	1132	9.0	45515.0	-0538.9
863	9.0	40902.7	-0522.1	953	7.0	42635.3	-0536.7	1043	9.8	44126.5	-0542.7	1133	9.8	45517.4	-0507.8
864	9.0	40907.1	-0543.1	954	9.5	42657.0	-0510.0	1044	6.3	44126.7	-0555.5	1134	9.7	45526.2	-0500.9
865	9.0	40908.7	-0557.0	955	9.0	42701.8	-0523.9	1045	9.5	44134.3	-0533.0	1135	8.8	45538.4	-0555.0
866	9.5	40922.8	-0557.2	956	9.0	42710.8	-0504.4	1046	7.5	44204.4	-0514.5	1136	9.5	45615.6	-0511.1
867	9.8	40923.6	-0511.4	957	8.0	42720.8	-0526.5	1047	9.0	44211.3	-0537.5	1137	10.	45615.7	-0521.0
868	9.5	40938.1	-0511.6	958	9.8	42737.7	-0556.5	1048	9.8	44213.5	-0519.8	1138	8.7	45627.8	-0521.8
869	9.1	41029.8	-0541.0	959	8.9	42738.5	-0544.8	1049	9.4	44247.2	-0529.9	1139	9.4	45644.4	-0553.9
870	9.2	41031.3	-0547.2	960	9.5	42750.7	-0522.5	1050	8.5	44302.7	-0527.7	1140	9.5	45712.8	-0525.9
871	8.3	41035.8	-0530.6	961	9.4	42758.8	-0558.9	1051	9.2	44302.8	-0532.4	1141	9.1	45716.6	-0510.8
872	9.8	41047.5	-0547.2	962	8.8	42800.0	-0508.5	1052	9.6	44304.1	-0533.2	1142	9.3	45729.4	-0554.0
873	9.3	41050.7	-0555.2	963	8.0	42810.8	-0502.3	1053	9.6	44322.3	-0543.7	1143	9.5	45742.7	-0529.6
874	8.9	41100.2	-0516.5	964	9.9	42823.4	-0517.1	1054	9.4	44324.4	-0515.3	1144	9.7	45753.2	-0547.9
875	10.	41100.9	-0505.1	965	9.9	42843.7	-0558.8	1055	9.3	44338.8	-0502.8	1145	9.1	45758.9	-0524.1
876	9.0	41125.3	-0526.4	966	9.2	42904.2	-0534.6	1056	9.3	44340.4	-0559.7	1146	9.4	45821.4	-0504.5
877	9.8	41133.5	-0512.6	967	9.5	42905.5	-0544.8	1057	9.6	44341.9	-0535.4	1147	9.1	45831.4	-0521.1
878	9.8	41208.1	-0514.9	968	9.5	42906.5	-0514.2	1058	9.5	44350.4	-0558.7	1148	9.7	45853.4	-0510.8
879	9.7	41246.5	-0519.4	969	9.5	42909.7	-0507.1	1059	8.8	44355.1	-0552.7	1149	9.5	45855.4	-0552.9
880	9.6	41330.4	-0535.6	970	9.8	42929.1	-0531.6	1060	9.8	44413.0	-0545.5	1150	9.5	45857.9	-0512.2
881	9.4	41334.4	-0535.0	971	9.4	42930.8	-0505.6	1061	9.8	44431.7	-0536.1	1151	9.0	45911.4	-0548.9
882	9.6	41347.6	-0530.9	972	10.	42940.8	-0546.5	1062	8.2	44434.1	-0527.0	1152	9.4	45917.5	-0532.0
883	8.5	41355.8	-0554.4	973	9.8	43018.7	-0536.5	1063	8.9	44450.8	-0533.0	1153	9.8	45927.3	-0504.9
884	9.4	41359.4	-0508.5	974	10.	43025.9	-0514.0	1064	10.	44507.9	-0540.9	1154	9.2	45931.4	-0549.4
885	9.8	41406.3	-0501.2	975	8.8	43030.3	-0548.5	1065	8.9	44509.7	-0501.9	1155	9.3	45933.4	-0556.5
886	9.7	41411.0	-0548.9	976	9.1	43100.2	-0550.3	1066	9.6	44525.2	-0542.4	1156	8.0	45946.2	-0521.5
887	9.5	41445.9	-0500.2	977	9.5	43104.6	-0529.5	1067	8.0	44537.8	-0531.5	1157	9.5	45953.1	-0534.6
888	9.5	41449.9	-0549.9	978	8.2	43119.9	-0540.9	1068	4.3	44546.0	-0541.7	1158	9.5	50002.1	-0523.0
889	7.1	41459.4	-0501.4	979	9.5	43122.3	-0508.0	1069	9.9	44549.3	-0557.5	1159	9.5	50020.6	-0535.9
890	9.4	41522.3	-0540.9	980	9.1	43135.4	-0540.9	1070	9.4	44601.6	-0546.6	1160	9.5	50028.3	-0548.0
891	7.8	41526.2	-0514.4	981	7.8	43156.5	-0505.9	1071	9.9	44606.9	-0521.0	1161	9.0	50035.3	-0540.9
892	9.3	41526.5	-0551.2	982	9.0	43215.9	-0515.7	1072	9.6	44618.6	-0547.5	1162	3.0	50043.0	-0516.3
893	9.4	41539.7	-0538.8	983	9.0	43217.4	-0514.0	1073	9.6	44621.3	-0549.4	1163	9.5	50050.5	-0553.3
894	10.	41543.1	-0507.4	984	8.5	43219.8	-0510.9	1074	9.4	44622.7	-0524.3	1164	9.5	50101.8	-0505.1
895	7.5	41604.9	-0521.2	985	9.8	43234.7	-0503.5	1075	9.6	44628.2	-0546.6	1165	9.5	50104.0	-0558.2
896	10.	41616.6	-0505.9	986	9.2	43239.8	-0504.3	1076	9.6	44639.4	-0536.0	1166	9.0	50109.1	-0528.4
897	9.1	41625.5	-0554.7	987	10.	43241.7	-0517.2	1077	9.7	44655.0	-0526.9	1167	9.5	50128.2	-0539.6
898	9.9	41631.7	-0513.8	988	9.5	43243.6	-0502.1	1078	9.6	44655.9	-0534.5	1168	9.0	50146.9	-0510.9
899	9.4	41655.6	-0530.5	989	9.4	43246.0	-05 7.8	1079	7.8	44719.4	-0539.6	1169	9.0	50211.1	-0524.8
900	9.5	41712.7	-0513.0	990	9.3	43310.3	-05 2.1	1080	9.1	44728.1	-0522.8	1170	9.3	50226.1	-0530.4
901	8.8	41714.0	-0551.4	991	9.9	43314.5	-0520.7	1081	9.0	44745.6	-0519.6	1171	9.4	50227.7	-0544.3
902	9.1	41716.8	-0549.2	992	9.7	43326.2	-0537.0	1082	9.4	44807.9	-0504.7	1172	8.8	50231.2	-0544.3
903	8.3	41725.7	-0513.0	993	9.1	43356.1	-0525.6	1083	9.5	44809.2	-0529.5	1173	9.3	50235.1	-0527.5
904	9.8	41736.5	-0525.0	994	9.1	43358.9	-0501.9	1084	9.5	44810.8	-0533.1	1174	8.7	50241.2	-0542.1
905	9.8	41739.6	-0531.8	995	9.5	43413.8	-0531.8	1085	9.4	44815.0	-0513.0	1175	9.7	50256.1	-0528.2
906	7.5	41810.7	-0559.3	996	10.	43425.2	-0521.1	1086	9.0	44816.1	-0522.0	1176	9.2	50258.2	-0558.3
907	8.8	41814.9	-0519.4	997	9.5	43425.6	-0526.1	1087	9.5	44851.6	-0516.2	1177	8.9	50327.2	-0507.5
908	9.7	41817.2	-0533.7	998	9.5	43437.2	-0545.5	1088	8.2	44856.9	-0533.7	1178	8.5	50340.0	-0521.1
909	7.8	41826.5	-0525.0	999	9.4	43506.2	-0531.9	1089	9.5	44857.4	-0542.7	1179	9.0	50358.3	-0547.0
910	8.8	41828.7	-0534.6	1000	9.5	43511.3	-0555.0	1090	9.1	44859.0	-0517.7	1180	9.5	50405.9	-0511.4
911	8.0	41831.1	-0503.6	1001	9.4	43512.3	-0543.6	1091	5.3	44915.2	-0524.1	1181	9.5	50407.1	-0529.7
912	7.3	41834.6	-0529.1	1002	9.8	43527.5	-0516.2	1092	8.9	44918.6	-0518.9	1182	9.2	50419.4	-0552.0
913	9.8	41903.0	-0512.0	1003	9.8	43536.0	-0506.2	1093	9.0	44919.7	-0523.9	1183	9.6	50420.5	-0513.5
914	10.	41904.9	-0520.9	1004	9.3	43537.7	-0530.5	1094	9.9	44926.7	-0549.1	1184	9.5	50522.3	-0543.4
915	9.5	41929.8	-0545.2	1005	9.5	43548.7	-0502.7	1095	8.2	44935.5	-0500.8	1185	9.5	50527.0	-0520.2
916	10.	41932.5	-0528.3	1006	9.3	43557.9	-0512.9	1096	9.9	44939.9	-0508.2	1186	9.5	50544.0	-0515.8
917	8.0	41935.1	-0515.8	1007	8.8	43603.2	-0501.7	1097	9.4	45009.4	-0557.7	1187	9.3	50558.4	-0503.7
918	9.4	41949.3	-0505.1	1008	9.3	43610.4	-0548.1	1098	9.9	45010.3	-0554.7	1188	9.3	50603.4	-0549.7
919	9.2	41949.8	-0513.8	1009	10.	43616.4	-0540.6	1099	9.1	45012.2	-0558.3	1189	9.5	50604.1	-0528.3
920	9.0	41955.2	-0514.0	1010	9.2	43628.3	-0542.6	1100	10.	45019.9	-0507.9	1190	9.0	50609.0	-0515.8
921	9.2	42005.1	-0551.7	1011	8.8	43635.2	-0524.0	1101	9.3	45027.1	-0522.5	1191	9.0	50612.9	-0509.1
922	9.3	42006.9	-0558.4	1012	9.8	43642.3	-0557.4	1102	9.0	45031.4	-0558.3	1192	9.0	50619.4	-0556.0
923	9.3	42022.4	-0510.8	1013	9.3	43709.8	-0556.3	1103	9.3	45033.7	-0558.3	1193	9.3	50620.3	-0546.2
924	9.4	42031.0	-0548.0	1014	9.2	43712.7	-0524.8	1104	9.5	45036.5	-0514.4	1194	9.5	50630.0	-0521.2
925	9.0	42103.5	-0540.9	1015	9.1	43713.4	-0529.8	1105	8.9	45047.4	-0536.0	1195	9.5	50633.1	-0522.5
926	9.7	42105.7	-0538.8	1016	9.6	43716.1	-0529.6	1106	8.9	45054.0	-0500.4	1196	9.2	50636.0	-0515.8
927	9.4	42145.4	-0508.2	1017	10.	43755.6	-0538.1	1107	9.5	45054.4	-0508.1	1197	9.0	50642.0	-0522.1
928	8.5	42211.4	-0559.8	1018	9.2	43758.8	-0548.1	1108	9.5	45057.7	-0534.4	1198	9.8	50648.9	-0503.0
929	8.8	42212.6	-0550.1	1019	9.5	43805.2	-0552.7	1109	9.0	45104.2	-0529.0	1199	9.0	50653.1	-0523.8
930	9.1	42224.2	-0535.5	1020	9.3	43821.1	-0528.0	1110	9.5	45136.8	-0554.6	1200	9.5	50707.3	-0543.9
931	9.3	42233.1	-0501.8	1021	9.5	43823.6	-0528.0	1111	9.8	45139.7	-0524.0	1201	8.5	50712.1	-0526.0
932	9.5	42236.7	-0538.2	1022	8.9	43825.2	-0549.3	1112	9.4	45201.6	-0505.5	1202	9.3	50747.9	-0513.0
933	9.8	42242.7	-0541.1	1023	9.1	43829.7	-0550.4	1113	9.6	45240.5	-0502.2	1203	9.0	50751.4	-0553.2
934	10.	42246.9	-0522.5	1024	9.2	43843.1	-0521.1	1114	8.7	45242.6	-0522.4	1204	9.0	50757.2	-0525.4
935	9.3	42305.5	-0528.5	1025	9.3	43843.7	-0549.3	1115	9.5	45252.5	-0516.6	1205	9.4	50838.8	-0512.1
936	9.8	42313.2	-0548.8	1026	9.6	43859.2	-0548.0	1116	10.	45303.9	-0543.1	1206	9.3	50857.3	-0524.3
937	9.4	42334.8	-0513.7	1027	9.7	43914.1	-0525.0	1117	10.	45307.1	-0509.9	1207	8.3	50857.4	-0545.1
938	9.1	42337.3	-0517.9	1028	9.0	43915.5	-0531.4	1118	9.0	45308.2	-0525.5	1208	8.7	50906.1	-0513.5
939	9.4	42348.9	-0550.0	1029	9.8	43917.5	-0542.2	1119	9.0	45311.6	-0516.3	1209	8.7	50940.2	-0518.6
940	9.4	42350.9	-0522.4	1030	9.4	43926.4	-0545.5	1120	9.3	45321.0	-0541.0	1210	8.5	50946.4	-0547.7
941	7.8	42351.8	-0516.7	1031	9.3	43933.0	-0551.6	1121	9.9	45324.2	-0556.7	1211	9.5	50947.7	-0537.1
942	7.5	42403.7	-0510.8	1032	9.0	43935.5	-0519.6	1122	9.3	45331.9	-0509.9	1212	9.3	50949.2	-0538.9
943	9.5	42420.9	-0522.4	1033	9.3	43947.6	-0525.0	1123	6.3	45337.6	-0555.8	1213	8.8	51018.3	-0537.9
944	9.4	42421.8	-0550.0	1034	9.5	43958.8	-0536.4	1124	9.0	45418.4	-0554.6	1214	9.6	51035.2	-0511.3
945	9.4	42423.7	-0540.3	1035	9.3	44000.5	-0515.2	1125	8.5	45420.7	-0525.7	1215	9.9	51101.6	-0510.0
946	9.3	42427.2	-0537.2	1036	9.6	44000.9	-0515.9	1126	9.1	45423.1	-0544.7	1216	9.5	51105.5	-0523.3
947	9.8	42459.8	-0541.4	1037	9.3	44017.7	-0531.5	1127	9.9	45425.0	-0543.9	1217	10.	51106.4	-0551.1
948	8.0	42512.4	-0521.2	1038	9.8	44030.6	-0548.1	1128	9.1	45435.7	-0524.4	1218	7.0	51119.4	-0548.5
949	9.8	42530.7	-0535.3	1039	9.5	44040.9	-0558.6	1129	9.1	45453.0	-0514.5	1219	8.6	51159.1	-0507.5
950	9.5	42550.2	-0534.0	1040	9.2	44052.0	-0514.8	1130	7.2	45453.7	-0542.8	1220	8.5	51217.3	-0535.9

-05 1221 5h12m

-05 1580 6h11m

1221	7.3	51233.2	-0501.9	1311	8.3	52758.1	-0518.4	1401	9.9	54046.7	-0505.2	1491	7.8	55748.8	-0520.1
1222	9.5	51244.4	-0544.5	1312	9.0	52801.7	-0558.3	1402	9.3	54056.6	-0544.0	1492	9.7	55808.2	-0534.6
1223	8.0	51255.2	-0521.3	1313	9.0	52802.1	-0533.7	1403	9.5	54106.3	-0533.3	1493	9.9	55813.7	-0522.9
1224	9.0	51317.4	-0541.9	1314	9.0	52808.0	-0555.2	1404	9.3	54118.7	-0523.8	1494	10.	55815.5	-0501.8
1225	7.0	51319.3	-0530.7	1315	4.0	52809.1	-0529.2	1405	8.8	54123.2	-0523.8	1495	8.5	55824.7	-0523.6
1226	9.0	51323.5	-0557.9	1316	9.0	52810.6	-0510.2	1406	8.5	54130.7	-0553.4	1496	10.	55830.9	-0524.2
1227	9.0	51325.3	-0526.2	1317	10.	52811.7	-0515.2	1407	9.5	54131.6	-0538.7	1497	8.3	55845.8	-0503.1
1228	8.5	51331.5	-0558.7	1318	10.	52811.7	-0527.2	1408	9.5	54134.3	-0505.0	1498	9.5	55852.7	-0559.9
1229	9.0	51335.5	-0555.6	1319	5.0	52816.0	-0520.5	1409	9.0	54145.6	-0548.9	1499	7.0	55856.7	-0552.3
1230	9.3	51346.1	-0502.5	1320	7.8	52819.3	-0530.9	1410	8.7	54148.2	-0532.3	1500	9.0	55857.6	-0538.5
1231	7.5	51412.5	-0557.9	1321	9.5	52819.7	-0557.1	1411	10.	54202.5	-0523.9	1501	9.5	55916.5	-0526.5
1232	9.7	51424.0	-0520.1	1322	9.3	52820.7	-0554.0	1412	10.	54213.4	-0516.8	1502	9.5	55941.6	-0549.2
1233	9.1	51425.7	-0502.8	1323	9.0	52821.2	-0500.0	1413	9.5	54230.6	-0546.7	1503	8.8	60009.5	-0533.6
1234	9.2	51430.2	-0513.3	1324	9.5	52823.6	-0528.8	1414	9.5	54241.6	-0539.6	1504	9.8	60009.6	-0556.4
1235	9.3	51436.1	-0501.7	1325	9.0	52824.0	-0522.4	1415	9.5	54251.4	-0514.1	1505	9.7	60013.4	-0537.4
1236	9.3	51445.1	-0507.5	1326	9.0	52824.2	-0531.4	1416	9.1	54253.5	-0524.2	1506	8.8	60020.5	-0522.4
1237	9.4	51540.1	-0505.5	1327	9.0	52826.0	-0511.7	1417	8.0	54257.7	-0556.9	1507	9.4	60032.1	-0524.0
1238	9.0	51556.3	-0527.9	1328	9.5	52828.0	-0518.4	1418	9.5	54312.6	-0549.3	1508	10.	60036.7	-0516.3
1239	9.6	51601.2	-0504.5	1329	9.8	52843.0	-0534.5	1419	8.8	54320.2	-0501.3	1509	10.	60046.7	-0507.5
1240	9.0	51607.2	-0517.6	1330	8.2	52847.4	-0542.9	1420	9.5	54335.5	-0524.4	1510	9.7	60047.5	-0533.2
1241	9.5	51716.3	-0532.7	1331	9.0	52850.9	-0529.4	1421	9.3	54339.7	-0559.1	1511	9.8	60052.7	-0535.2
1242	9.5	51717.4	-0550.1	1332	9.5	52852.0	-0502.4	1422	9.0	54403.6	-0539.4	1512	9.5	60058.4	-0521.6
1243	9.3	51718.3	-0524.6	1333	8.8	52902.3	-0509.1	1423	9.5	54432.7	-0558.6	1513	9.2	60102.7	-0552.4
1244	9.0	51738.4	-0540.7	1334	7.8	52908.4	-0544.5	1424	9.5	54448.7	-0558.2	1514	9.5	60110.6	-0543.4
1245	8.5	51828.2	-0517.4	1335	9.0	52919.7	-0530.4	1425	9.5	54450.5	-0523.5	1515	8.5	60118.4	-0519.2
1246	8.5	51843.4	-0545.6	1336	9.0	52922.7	-0551.8	1426	9.2	54504.0	-0532.5	1516	9.0	60121.5	-0522.7
1247	6.0	51855.3	-0538.5	1337	9.5	52930.7	-0526.4	1427	9.5	54510.7	-0557.7	1517	8.0	60135.4	-0518.2
1248	9.0	51859.3	-0536.7	1338	9.0	52931.7	-0513.5	1428	9.4	54540.2	-0504.2	1518	9.3	60154.3	-0502.7
1249	9.5	51901.0	-0517.9	1339	9.1	52950.8	-0558.4	1429	9.5	54601.6	-0545.7	1519	9.5	60158.5	-0524.9
1250	9.5	51905.2	-0505.3	1340	9.7	53000.7	-0516.9	1430	9.5	54602.0	-0507.6	1520	8.5	60211.4	-0519.1
1251	8.5	51922.4	-0546.5	1341	9.5	53009.7	-0507.6	1431	9.8	54612.7	-0515.2	1521	8.0	60225.5	-0502.6
1252	9.0	51934.2	-0518.0	1342	7.8	53027.9	-0501.9	1432	9.8	54616.7	-0510.6	1522	8.8	60225.6	-0541.1
1253	9.2	51953.3	-0535.2	1343	10.	53029.0	-0559.5	1433	8.3	54629.4	-0518.8	1523	6.3	60230.6	-0540.7
1254	9.4	51954.7	-0502.1	1344	9.0	53032.7	-0510.6	1434	7.0	54635.6	-0544.3	1524	9.8	60242.8	-0519.8
1255	9.3	52000.7	-0504.4	1345	9.5	53050.7	-0524.5	1435	9.2	54636.5	-0531.4	1525	9.8	60312.3	-0526.6
1256	9.1	52001.6	-0506.5	1346	9.0	53107.7	-0530.8	1436	8.5	54712.5	-0535.1	1526	9.8	60329.0	-0556.2
1257	9.5	52015.0	-0531.7	1347	8.0	53117.7	-0507.6	1437	9.7	54738.7	-0558.1	1527	9.5	60339.7	-0559.8
1258	9.5	52022.2	-0512.5	1348	9.0	53122.7	-0512.5	1438	9.9	54808.3	-0507.3	1528	9.5	60346.5	-0535.2
1259	8.5	52030.2	-0522.3	1349	9.0	53129.7	-0515.6	1439	9.3	54817.0	-0541.9	1529	9.5	60347.7	-0552.2
1260	9.3	52042.4	-0539.7	1350	9.8	53147.5	-0516.1	1440	9.5	54839.4	-0521.0	1530	9.7	60347.9	-0513.7
1261	9.5	52102.5	-0556.6	1351	7.8	53154.6	-0516.6	1441	9.1	54914.7	-0555.3	1531	9.1	60351.7	-0525.8
1262	10.	52112.1	-0507.9	1352	9.5	53158.2	-0501.2	1442	9.5	54916.4	-0538.5	1532	9.8	60357.6	-0503.4
1263	9.4	52115.2	-0510.1	1353	8.3	53159.2	-0558.7	1443	9.7	54926.1	-0526.9	1533	8.7	60404.4	-0542.4
1264	9.5	52124.1	-0511.5	1354	9.5	53229.5	-0524.2	1444	9.7	54936.8	-0502.2	1534	8.4	60411.2	-0501.8
1265	8.3	52130.3	-0528.8	1355	9.0	53235.4	-0508.6	1445	9.7	54948.8	-0523.3	1535	9.1	60412.4	-0509.8
1266	9.3	52139.3	-0528.8	1356	9.2	53307.6	-0540.6	1446	9.5	55018.6	-0545.0	1536	9.8	60416.6	-0515.4
1267	9.3	52142.2	-0521.4	1357	10.	53320.5	-0559.4	1447	9.3	55023.7	-0557.5	1537	10.	60435.7	-0557.5
1268	8.0	52159.1	-0533.9	1358	9.4	53345.7	-0506.2	1448	9.7	55024.2	-0507.0	1538	9.8	60516.1	-0538.1
1269	8.0	52203.3	-0554.5	1359	8.5	53346.6	-0528.4	1449	10.	55051.0	-0525.2	1539	9.2	60524.6	-0547.7
1270	9.3	52228.0	-0513.4	1360	9.5	53353.4	-0516.5	1450	9.5	55052.2	-0556.7	1540	9.8	60529.6	-0502.8
1271	9.3	52232.6	-0520.1	1361	9.1	53358.3	-0502.7	1451	8.7	55053.6	-0548.7	1541	9.5	60544.3	-0542.5
1272	9.3	52245.0	-0555.4	1362	9.7	53404.6	-0545.9	1452	9.6	55059.0	-0536.7	1542	9.8	60548.1	-0547.1
1273	9.1	52247.1	-0502.8	1363	9.0	53441.5	-0527.7	1453	10.	55100.0	-0525.2	1543	9.3	60609.2	-0514.1
1274	8.1	52303.0	-0519.2	1364	9.5	53453.7	-0557.5	1454	9.5	55101.4	-0518.4	1544	9.8	60617.3	-0510.7
1275	9.5	52317.0	-0518.3	1365	9.5	53500.5	-0525.2	1455	9.6	55108.3	-0541.0	1545	9.9	60624.9	-0501.7
1276	9.5	52319.0	-0508.5	1366	9.5	53503.5	-0528.1	1456	9.0	55117.3	-0503.9	1546	9.9	60633.0	-0505.0
1277	8.5	52336.0	-0536.7	1367	9.5	53511.7	-0504.8	1457	9.4	55118.0	-0527.3	1547	9.9	60634.3	-0505.2
1278	9.5	52348.6	-0504.3	1368	9.5	53523.6	-0542.4	1458	8.8	55142.5	-0533.5	1548	9.8	60643.4	-0526.3
1279	9.5	52401.0	-0517.3	1369	9.0	53559.6	-0552.7	1459	9.5	55149.5	-0534.8	1549	9.7	60659.4	-0528.2
1280	9.5	52410.0	-0502.2	1370	8.8	53603.8	-0504.0	1460	9.5	55154.5	-0529.8	1550	9.1	60723.6	-0530.8
1281	9.0	52413.0	-0548.7	1371	9.3	53628.7	-0501.4	1461	10.	55208.7	-0553.5	1551	9.5	60728.1	-0548.1
1282	9.0	52425.0	-0510.3	1372	9.5	53631.5	-0525.5	1462	9.5	55222.7	-0556.2	1552	9.5	60732.8	-0533.6
1283	9.4	52459.0	-0531.2	1373	9.0	53636.4	-0513.6	1463	9.0	55243.3	-0509.8	1553	8.9	60751.9	-0516.2
1284	9.5	52511.0	-0554.9	1374	9.5	53653.8	-0503.8	1464	8.5	55247.4	-0511.1	1554	9.4	60757.4	-0511.3
1285	8.7	52538.1	-0504.2	1375	9.4	53656.1	-0503.9	1465	9.0	55259.5	-0529.8	1555	9.0	60804.9	-0546.1
1286	9.5	52541.0	-0522.3	1376	9.5	53657.0	-0543.1	1466	9.9	55259.9	-0507.0	1556	9.5	60805.4	-0541.4
1287	9.3	52545.0	-0516.0	1377	9.5	53711.4	-0519.1	1467	9.3	55311.6	-0539.2	1557	9.5	60807.8	-0544.2
1288	9.5	52558.0	-0541.5	1378	9.4	53716.4	-0510.5	1468	8.3	55315.4	-0513.7	1558	9.3	60817.2	-0514.6
1289	8.5	52600.0	-0526.8	1379	7.8	53718.5	-0532.1	1469	10.	55318.4	-0557.9	1559	9.5	60824.0	-0541.5
1290	9.5	52624.0	-0552.3	1380	9.7	53738.5	-0510.4	1470	9.5	55344.4	-0549.0	1560	9.0	60826.7	-0554.0
1291	9.5	52632.0	-0507.2	1381	9.5	53747.7	-0500.1	1471	9.5	55347.5	-0555.7	1561	9.3	60828.6	-0547.2
1292	9.3	52639.2	-0516.6	1382	9.5	53807.4	-0510.6	1472	9.5	55401.6	-0540.0	1562	9.2	60830.9	-0546.9
1293	9.8	52642.5	-0538.5	1383	9.6	53819.3	-0501.5	1473	9.5	55403.5	-0531.5	1563	9.4	60945.1	-0546.7
1294	10.	52643.5	-0552.1	1384	9.5	53825.2	-0502.2	1474	9.5	55434.4	-0520.8	1564	9.5	60946.2	-0550.1
1295	9.1	52649.1	-0542.8	1385	9.5	53826.5	-0523.1	1475	9.7	55436.8	-0531.6	1565	8.0	61009.3	-0518.2
1296	9.4	52648.2	-0544.9	1386	9.5	53844.1	-0519.8	1476	9.0	55444.9	-0507.6	1566	9.4	61013.7	-0536.3
1297	9.5	52702.2	-0529.3	1387	8.7	53852.4	-0519.5	1477	9.2	55455.5	-0506.5	1567	8.7	61023.3	-0515.7
1298	9.5	52707.2	-0518.1	1388	9.5	53908.8	-0510.7	1478	6.5	55500.8	-0508.6	1568	9.5	61026.8	-0552.1
1299	9.5	52707.8	-0543.3	1389	9.0	53912.7	-0555.6	1479	9.2	55508.4	-0537.5	1569	9.5	61028.6	-0533.8
1300	10.	52726.5	-0552.2	1390	9.3	53915.6	-0550.2	1480	8.5	55541.3	-0503.7	1570	9.4	61029.3	-0515.0
1301	9.1	52726.9	-0549.0	1391	10.	53915.8	-0509.6	1481	9.4	55546.5	-0541.8	1571	9.3	61039.3	-0526.4
1302	9.5	52727.2	-0509.6	1392	9.4	53916.6	-0548.1	1482	9.5	55553.3	-0536.8	1572	9.9	61053.0	-0519.2
1303	9.3	52728.5	-0547.8	1393	9.0	53920.4	-0522.6	1483	10.	55553.6	-0527.9	1573	9.6	61053.5	-0509.5
1304	9.5	52733.2	-0513.6	1394	10.	53946.0	-0530.7	1484	9.5	55609.4	-0507.5	1574	9.7	61056.1	-0540.6
1305	8.3	52740.1	-0540.4	1395	8.5	53951.4	-0511.5	1485	10.	55643.7	-0517.2	1575	10.	61059.0	-0533.9
1306	9.8	52741.8	-0525.2	1396	9.5	54000.0	-0535.6	1486	9.7	55653.0	-0526.1	1576	7.1	61110.6	-0535.9
1307	10.	52745.5	-0539.3	1397	9.5	54000.5	-0524.4	1487	8.5	55654.7	-0557.8	1577	9.6	61116.4	-0500.5
1308	9.1	52748.2	-0536.2	1398	8.0	54013.6	-0538.6	1488	9.5	55726.4	-0510.8	1578	9.1	61121.4	-0507.8
1309	10.	52750.8	-0511.3	1399	9.0	54016.5	-0532.3	1489	10.	55732.9	-0545.7	1579	10.	61130.7	-0553.4
1310	9.5	52753.6	-0512.0	1400	9.4	54026.4	-0521.1	1490	10.	55741.7	-0557.4	1580	9.8	61139.6	-0531.9

1581	8.3	61142.9	-0500.4	1671	9.8	62451.1	-0530.7	1761	9.8	63609.4	-0525.8	1851	9.0	64534.8	-0515.4
1582	8.9	61144.1	-0512.2	1672	10.	62451.7	-0513.7	1762	9.2	63613.8	-0514.6	1852	9.8	64556.0	-0524.1
1583	9.4	61146.5	-0544.0	1673	10.	62500.0	-0539.0	1763	9.0	63617.3	-0534.0	1853	9.7	64603.1	-0552.3
1584	9.1	61211.0	-0509.1	1674	9.0	62500.6	-0542.0	1764	9.6	63628.5	-0556.8	1854	8.8	64605.8	-0526.5
1585	9.3	61216.7	-0513.5	1675	9.4	62506.8	-0538.4	1765	9.2	63633.0	-0500.1	1855	9.3	64607.1	-0547.6
1586	9.1	61228.4	-0540.7	1676	10.	62513.7	-0517.4	1766	10.	63646.9	-0545.5	1856	8.3	64607.5	-0547.2
1587	10.	61233.3	-0550.4	1677	9.3	62515.0	-0540.1	1767	9.3	63648.2	-0554.0	1857	9.1	64610.1	-0529.8
1588	9.0	61235.4	-0514.0	1678	5.7	62516.9	-0546.2	1768	9.8	63656.2	-0513.4	1858	9.5	64632.4	-0524.2
1589	9.5	61240.6	-0513.3	1679	9.8	62518.5	-0512.8	1769	9.3	63709.3	-0516.1	1859	9.5	64638.5	-0524.4
1590	9.0	61247.0	-0505.5	1680	7.9	62532.0	-0514.2	1770	9.2	63714.8	-0533.3	1860	9.1	64638.5	-0500.3
1591	9.0	61258.8	-0532.1	1681	9.4	62540.2	-0545.8	1771	9.0	63715.8	-0558.0	1861	9.8	64649.3	-0513.1
1592	9.5	61300.0	-0556.7	1682	9.5	62549.8	-0532.0	1772	9.2	63716.2	-0544.2	1862	9.5	64659.6	-0524.7
1593	9.3	61306.1	-0531.9	1683	9.5	62611.6	-0531.2	1773	9.8	63722.7	-0536.6	1863	8.4	64702.1	-0540.3
1594	8.5	61316.8	-0552.7	1684	9.3	62612.0	-0546.0	1774	9.1	63725.7	-0546.2	1864	8.0	64707.9	-0550.5
1595	9.3	61318.9	-0509.3	1685	9.4	62625.7	-0510.2	1775	9.4	63744.9	-0519.4	1865	9.5	64708.4	-0516.8
1596	9.8	61323.6	-0511.7	1686	9.5	62701.1	-0531.5	1776	10.	63747.1	-0541.8	1866	9.5	64710.2	-0521.2
1597	9.0	61328.4	-0556.4	1687	9.0	62701.7	-0555.1	1777	8.0	63753.9	-0547.7	1867	9.1	64710.9	-0547.9
1598	9.3	61353.7	-0540.6	1688	9.8	62705.6	-0553.7	1778	9.6	63802.8	-0536.1	1868	8.7	64746.1	-0539.6
1599	9.0	61401.9	-0553.1	1689	8.3	62710.2	-0513.0	1779	10.	63818.9	-0550.8	1869	9.1	64756.0	-0522.7
1600	9.8	61403.0	-0526.0	1690	10.	62733.7	-0518.8	1780	9.3	63819.7	-0510.5	1870	9.5	64814.0	-0527.3
1601	9.1	61410.1	-0559.0	1691	9.8	62736.1	-0546.9	1781	9.8	63829.0	-0526.5	1871	9.2	64819.3	-0544.7
1602	8.5	61435.9	-0514.4	1692	10.	62742.5	-0549.2	1782	9.8	63830.8	-0536.0	1872	9.2	64833.8	-0502.3
1603	9.3	61437.4	-0556.5	1693	10.	62757.1	-0550.7	1783	10.	63832.0	-0507.3	1873	9.0	64854.5	-0535.7
1604	8.6	61439.8	-0538.4	1694	9.3	62804.9	-0526.4	1784	9.8	63832.7	-0513.3	1874	9.6	64858.3	-0534.1
1605	9.6	61451.1	-0543.6	1695	8.9	62806.9	-0528.4	1785	9.5	63837.8	-0549.5	1875	10.	64859.5	-0557.2
1606	8.2	61455.9	-0523.0	1696	9.8	62813.1	-0510.8	1786	9.0	63849.9	-0539.2	1876	9.7	64908.8	-0556.9
1607	8.5	61503.2	-0506.4	1697	9.4	62823.3	-0552.8	1787	9.8	63851.7	-0522.7	1877	8.5	64927.4	-0519.1
1608	8.7	61505.1	-0512.6	1698	9.0	62837.9	-0542.6	1788	9.5	63856.1	-0518.9	1878	9.0	64936.1	-0526.5
1609	8.3	61523.1	-0501.4	1699	9.2	62838.3	-0516.6	1789	9.8	63858.5	-0558.4	1879	9.6	64941.9	-0544.9
1610	9.0	61525.3	-0553.0	1700	8.3	62840.3	-0545.5	1790	9.0	63903.8	-0500.8	1880	9.6	64942.1	-0546.5
1611	9.8	61532.2	-0524.0	1701	9.8	62852.4	-0553.0	1791	8.2	63905.6	-0505.3	1881	8.5	64944.8	-0517.4
1612	8.5	61540.0	-0521.1	1702	9.4	62901.6	-0558.6	1792	9.0	63906.6	-0519.5	1882	8.5	64945.4	-0509.8
1613	9.1	61542.6	-0533.1	1703	8.4	62906.1	-0541.9	1793	9.5	63912.8	-0507.5	1883	9.8	64948.2	-0512.0
1614	9.0	61545.7	-0538.0	1704	9.5	62906.7	-0511.5	1794	9.8	63918.9	-0537.0	1884	9.3	64949.9	-0552.9
1615	9.3	61549.8	-0559.2	1705	9.5	62911.0	-0558.3	1795	10.	63925.3	-0549.5	1885	9.1	65009.0	-0554.0
1616	9.0	61601.9	-0523.3	1706	9.5	62912.4	-0522.4	1796	9.2	63935.5	-0525.4	1886	9.0	65010.4	-0551.8
1617	9.8	61624.6	-0511.8	1707	9.0	62917.0	-0554.7	1797	8.0	63941.6	-0559.7	1887	9.1	65015.1	-0558.3
1618	9.9	61633.7	-0547.4	1708	9.6	62918.7	-0546.2	1798	10.	63948.6	-0527.0	1888	8.7	65015.3	-0513.9
1619	9.6	61653.2	-0550.4	1709	9.5	62920.6	-0547.7	1799	9.1	64000.3	-0507.5	1889	9.1	65019.6	-0558.5
1620	9.8	61705.5	-0500.9	1710	5.8	62926.9	-0505.7	1800	9.0	64005.5	-0527.6	1890	9.8	65028.9	-0517.4
1621	9.5	61714.9	-0556.0	1711	10.	63020.5	-0543.0	1801	9.7	64008.2	-0548.1	1891	9.1	65029.6	-0527.3
1622	9.0	61716.8	-0521.1	1712	10.	63020.9	-0548.5	1802	9.3	64008.9	-0538.8	1892	9.0	65032.3	-0515.8
1623	9.5	61722.2	-0536.6	1713	10.	63025.6	-0532.4	1803	8.8	64009.8	-0550.3	1893	9.2	65115.2	-0537.1
1624	9.1	61722.7	-0526.3	1714	9.5	63032.8	-0505.1	1804	10.	64011.7	-0510.6	1894	9.4	65116.1	-0536.7
1625	9.4	61735.0	-0555.1	1715	9.2	63035.5	-0540.9	1805	9.1	64015.3	-0541.3	1895	9.5	65119.3	-0534.6
1626	9.8	61738.8	-0539.7	1716	8.8	63048.5	-0525.0	1806	9.5	64102.9	-0504.1	1896	9.5	65121.2	-0546.0
1627	8.0	61740.4	-0525.2	1717	9.0	63050.4	-0554.5	1807	9.7	64104.9	-0500.7	1897	10.	65124.3	-0534.3
1628	8.8	61755.5	-0533.9	1718	9.4	63055.4	-0523.7	1808	9.7	64128.2	-0525.4	1898	9.5	65152.6	-0559.1
1629	8.3	61801.8	-0546.5	1719	9.0	63105.5	-0545.8	1809	9.1	64136.7	-0549.0	1899	9.0	65159.7	-0512.5
1630	9.8	61815.8	-0540.6	1720	9.2	63108.8	-0518.2	1810	9.5	64141.2	-0559.7	1900	8.2	65212.3	-0513.0
1631	9.4	61835.7	-0546.1	1721	10.	63115.2	-0544.4	1811	9.8	64212.7	-0512.8	1901	9.0	65221.5	-0523.2
1632	9.1	61838.1	-0529.8	1722	9.8	63121.1	-0500.5	1812	9.9	64238.4	-0542.5	1902	9.2	65225.6	-0552.1
1633	9.5	61915.5	-0542.2	1723	9.5	63125.0	-0554.2	1813	10.	64245.5	-0556.9	1903	9.2	65227.6	-0539.2
1634	9.8	61917.0	-0527.8	1724	8.5	63125.6	-0510.5	1814	9.1	64258.0	-0554.4	1904	9.8	65230.7	-0510.5
1635	10.	61917.6	-0552.7	1725	9.4	63137.7	-0557.7	1815	7.5	64248.9	-0520.9	1905	9.4	65247.9	-0549.4
1636	10.	61939.8	-0547.0	1726	9.8	63153.1	-0540.2	1816	9.4	64256.3	-0536.3	1906	9.4	65254.7	-0517.9
1637	10.	61944.0	-0526.5	1727	9.9	63201.8	-0544.3	1817	9.7	64257.0	-0547.3	1907	8.7	65301.6	-0559.5
1638	9.8	61945.2	-0513.3	1728	9.0	63233.8	-0515.4	1818	9.5	64258.1	-0514.0	1908	9.3	65321.7	-0511.0
1639	9.9	61953.1	-0559.1	1729	9.1	63237.1	-0549.3	1819	10.	64259.1	-0548.5	1909	9.5	65332.6	-0500.6
1640	9.7	62019.3	-0521.2	1730	9.3	63239.7	-0542.8	1820	8.5	64300.2	-0528.8	1910	8.5	65411.1	-0510.0
1641	9.4	62027.6	-0532.9	1731	9.1	63240.7	-0516.1	1821	8.9	64305.6	-0559.4	1911	9.0	65412.4	-0551.4
1642	9.0	62036.9	-0551.5	1732	9.5	63244.0	-0544.2	1822	10.	64314.6	-0548.1	1912	7.3	65413.2	-0537.3
1643	9.5	62038.3	-0520.5	1733	9.3	63251.2	-0541.0	1823	9.7	64323.0	-0545.4	1913	9.0	65424.3	-0517.3
1644	8.5	62043.2	-0504.2	1734	9.7	63251.2	-0517.7	1824	9.4	64326.1	-0534.7	1914	9.8	65431.4	-0519.2
1645	9.7	62052.7	-0553.9	1735	8.0	63300.6	-0549.6	1825	9.4	64334.1	-0539.5	1915	9.5	65437.1	-0506.2
1646	9.9	62115.0	-0533.9	1736	9.2	63303.8	-0504.2	1826	9.8	64342.4	-0528.9	1916	9.4	65442.0	-0505.3
1647	9.4	62122.4	-0540.0	1737	9.7	63307.4	-0543.2	1827	9.1	64347.7	-0509.8	1917	9.1	65446.4	-0505.5
1648	9.7	62155.5	-0550.4	1738	9.7	63318.6	-0533.5	1828	9.5	64354.7	-0511.3	1918	10.	65414.3	-0533.0
1649	8.7	62157.6	-0529.1	1739	9.3	63328.0	-0553.9	1829	9.1	64357.4	-0541.9	1919	9.2	65416.1	-0539.7
1650	9.0	62201.5	-0526.6	1740	9.5	63331.5	-0525.6	1830	9.5	64408.4	-0508.2	1920	9.5	65416.6	-0510.7
1651	9.0	62207.3	-0539.0	1741	9.8	63337.2	-0525.0	1831	10.	64412.9	-0553.6	1921	8.3	65419.1	-0557.2
1652	9.8	62235.2	-0536.4	1742	10.	63737.4	-0538.0	1832	9.7	64417.0	-0547.2	1922	9.8	65423.7	-0537.5
1653	9.6	62237.0	-0558.1	1743	9.1	63339.4	-0541.5	1833	9.0	64420.4	-0558.5	1923	9.0	65424.4	-0503.4
1654	9.4	62244.2	-0547.1	1744	8.8	63346.9	-0524.0	1834	9.5	64427.6	-0504.5	1924	9.8	65435.2	-0545.5
1655	9.0	62247.4	-0529.2	1745	10.	63355.0	-0555.9	1835	9.1	64436.9	-0521.9	1925	9.1	65438.1	-0512.2
1656	9.5	62257.8	-0550.9	1746	9.8	63359.6	-0531.5	1836	8.5	64439.9	-0518.8	1926	5.0	65449.5	-0531.2
1657	9.3	62306.4	-0551.1	1747	7.7	63402.2	-0534.3	1837	9.1	64443.1	-0527.3	1927	7.3	65502.3	-0549.0
1658	9.5	62307.9	-0529.2	1748	9.0	63409.0	-0545.1	1838	9.8	64503.6	-0548.7	1928	9.8	65508.4	-0529.6
1659	9.3	62308.1	-0509.5	1749	9.6	63410.4	-0543.2	1839	7.2	64504.8	-0518.5	1929	9.8	65512.0	-0526.0
1660	9.8	62325.4	-0556.2	1750	10.	63441.2	-0513.2	1840	9.6	64505.3	-0526.0	1930	9.5	65513.0	-0500.8
1661	9.0	62327.0	-0508.5	1751	9.0	63458.7	-0517.2	1841	9.8	64508.5	-0500.5	1931	9.4	65540.0	-0501.1
1662	9.0	62349.4	-0546.8	1752	9.4	63459.1	-0501.7	1842	9.2	64511.0	-0525.7	1932	9.3	65549.2	-0525.3
1663	9.4	62352.1	-0502.8	1753	7.0	63502.0	-0558.5	1843	9.4	64512.5	-0521.2	1933	9.8	65554.6	-0537.6
1664	10.	62354.5	-0547.0	1754	9.4	63505.2	-0513.9	1844	6.9	64514.5	-0500.2	1934	10.	65609.5	-0557.1
1665	9.4	62357.5	-0507.4	1755	9.2	63522.6	-0555.8	1845	6.3	64515.7	-0508.7	1935	9.8	65611.1	-0531.7
1666	8.0	62428.5	-0516.3	1756	9.8	63526.4	-0505.0	1846	9.1	64517.4	-0550.6	1936	9.4	65614.3	-0504.3
1667	9.4	62436.8	-0550.9	1757	10.	63529.9	-0552.5	1847	9.1	64522.5	-0542.2	1937	9.5	65616.7	-0526.8
1668	9.7	62437.4	-0543.7	1758	9.8	63544.9	-0553.9	1848	9.0	64523.0	-0555.1	1938	9.5	65617.0	-0515.0
1669	8.8	62441.5	-0514.9	1759	9.0	63545.6	-0542.7	1849	9.6	64524.9	-0543.1	1939	9.6	65618.8	-0550.1
1670	10.	62448.8	-0531.3	1760	9.9	63605.7	-0504.0	1850	9.0	64528.7	-0533.9	1940	9.5	65619.0	-0527.5

-05 1941 6h56m

-05 2300 7h49m

1941	9.5	65637.4	-0559.3	2031	9.8	70707.1	-0539.5	2121	9.2	72002.2	-0517.3	2211	9.5	73403.2	-0504.7
1942	9.0	65654.5	-0536.9	2032	9.5	70719.0	-0558.0	2122	9.4	72003.8	-0546.6	2212	9.4	73405.8	-0508.8
1943	5.8	65657.6	-0506.8	2033	9.5	70728.2	-0504.3	2123	9.5	72004.1	-0551.0	2213	9.1	73429.5	-0547.0
1944	9.8	65710.9	-0554.9	2034	9.3	70739.7	-0501.2	2124	9.8	72035.4	-0550.2	2214	9.8	73438.3	-0529.5
1945	8.7	65711.1	-0505.3	2035	9.5	70750.5	-0504.8	2125	9.4	72049.7	-0508.7	2215	10.	73443.1	-0524.0
1946	9.3	65716.2	-0550.1	2036	9.8	70753.3	-0515.7	2126	9.8	72056.6	-0559.6	2216	8.2	73452.7	-0527.5
1947	9.8	65720.4	-0514.2	2037	8.3	70807.8	-0546.2	2127	8.7	72108.3	-0540.4	2217	9.5	73500.5	-0544.0
1948	9.8	65723.6	-0530.0	2038	9.5	70819.2	-0518.9	2128	9.8	72123.7	-0553.6	2218	8.7	73526.6	-0524.7
1949	10.	65728.5	-0521.5	2039	9.5	70825.7	-0512.6	2129	9.6	72126.2	-0501.1	2219	9.5	73545.2	-0525.4
1950	9.3	65730.0	-0521.3	2040	9.5	70835.6	-0530.3	2130	9.3	72127.9	-0550.1	2220	9.2	73549.2	-0528.7
1951	9.2	65730.7	-0543.1	2041	9.5	70843.5	-0504.6	2131	9.4	72137.2	-0523.7	2221	9.2	73617.2	-0509.6
1952	9.5	65744.3	-0515.0	2042	9.5	70845.0	-0526.1	2132	9.2	72141.2	-0523.9	2222	9.0	73625.3	-0520.1
1953	10.	65745.7	-0544.8	2043	9.1	70853.6	-0558.6	2133	9.2	72155.2	-0503.3	2223	8.8	73632.7	-0558.2
1954	9.0	65747.2	-0533.5	2044	9.0	70902.2	-0532.7	2134	9.5	72203.4	-0553.6	2224	9.1	73644.7	-0511.1
1955	9.0	65750.5	-0548.0	2045	10.	70923.1	-0545.6	2135	9.4	72211.6	-0544.4	2225	8.5	73646.8	-0519.7
1956	8.9	65751.3	-0534.4	2046	9.4	70920.8	-0502.4	2136	9.3	72212.0	-0545.4	2226	9.3	73650.6	-0547.7
1957	9.0	65802.1	-0525.9	2047	9.5	70924.5	-0551.1	2137	8.7	72226.7	-0518.4	2227	9.3	73650.6	-0551.1
1958	9.8	65813.2	-0538.8	2048	9.0	70931.8	-0555.9	2138	9.5	72240.2	-0529.3	2228	9.4	73658.9	-0553.3
1959	9.6	65821.5	-0535.2	2049	9.8	70950.6	-0506.7	2139	9.5	72245.4	-0558.9	2229	9.0	73701.2	-0530.6
1960	10.	65827.1	-0543.4	2050	7.9	70955.5	-0558.7	2140	9.7	72318.7	-0517.6	2230	8.6	73717.8	-0501.8
1961	9.7	65840.4	-0551.6	2051	8.7	71002.4	-0539.3	2141	9.8	72332.3	-0521.4	2231	8.8	73744.5	-0512.5
1962	9.7	65853.9	-0546.0	2052	9.8	71013.4	-0523.2	2142	9.3	72359.8	-0501.4	2232	9.5	73751.8	-0514.9
1963	9.7	65854.8	-0559.0	2053	9.5	71017.5	-0526.5	2143	9.0	72400.3	-0542.7	2233	9.5	73805.4	-0521.8
1964	9.4	65917.6	-0548.4	2054	9.5	71021.9	-0511.7	2144	9.1	72400.7	-0550.9	2234	9.4	73811.2	-0516.0
1965	9.0	65922.0	-0558.9	2055	7.3	71024.5	-0533.8	2145	8.4	72405.7	-0502.8	2235	9.8	73825.1	-0542.8
1966	8.4	65930.6	-0546.2	2056	9.1	71026.3	-0527.9	2146	9.5	72413.7	-0541.8	2236	9.4	73826.7	-0537.3
1967	8.0	65951.0	-0514.9	2057	9.3	71027.0	-0542.3	2147	9.7	72418.2	-0549.0	2237	7.0	73834.3	-0519.7
1968	9.6	65952.0	-0502.7	2058	10.	71037.1	-0555.8	2148	8.7	72439.2	-0516.5	2238	9.5	73852.2	-0502.7
1969	9.5	65955.5	-0558.3	2059	9.3	71054.5	-0503.1	2149	9.0	72440.8	-0528.0	2239	10.	73855.1	-0557.4
1970	9.0	70004.4	-0529.7	2060	9.8	71054.8	-0552.6	2150	9.4	72444.5	-0555.1	2240	9.5	73904.5	-0504.5
1971	9.5	70005.2	-0500.3	2061	9.0	71107.8	-0528.9	2151	9.5	72445.8	-0527.1	2241	9.5	73914.7	-0555.2
1972	9.6	70009.5	-0541.9	2062	9.4	71127.6	-0516.6	2152	9.8	72449.7	-0524.2	2242	8.3	73921.5	-0505.7
1973	9.5	70010.4	-0504.5	2063	9.5	71136.9	-0554.5	2153	7.3	72451.2	-0538.0	2243	8.0	73927.7	-0559.1
1974	9.8	70020.3	-0520.3	2064	9.8	71148.2	-0553.3	2154	9.3	72501.6	-0552.0	2244	9.1	73941.5	-0501.2
1975	8.7	70022.7	-0552.9	2065	8.5	71150.2	-0510.2	2155	9.3	72501.9	-0555.6	2245	9.2	73944.5	-0501.0
1976	9.9	70036.3	-0515.6	2066	9.5	71207.3	-0507.5	2156	9.6	72507.3	-0511.1	2246	9.4	74007.3	-0521.8
1977	9.7	70051.5	-0547.7	2067	9.5	71220.3	-0528.9	2157	9.4	72510.7	-0501.8	2247	9.5	74013.2	-0514.5
1978	9.4	70053.3	-0553.5	2068	9.1	71231.2	-0538.5	2158	9.3	72526.8	-0519.8	2248	9.8	74027.1	-0554.5
1979	9.8	70103.6	-0530.0	2069	9.2	71234.6	-0501.0	2159	9.2	72533.7	-0538.7	2249	9.4	74029.3	-0514.0
1980	9.5	70105.7	-0539.1	2070	9.0	71246.1	-0545.9	2160	9.5	72535.2	-0544.8	2250	9.3	74030.5	-0502.0
1981	9.1	70106.0	-0525.4	2071	9.3	71305.4	-0541.9	2161	9.3	72541.5	-0541.0	2251	8.8	74033.9	-0541.3
1982	9.5	70124.6	-0512.2	2072	8.8	71306.5	-0557.0	2162	9.6	72547.7	-0535.2	2252	9.8	74041.5	-0541.7
1983	9.8	70131.2	-0516.3	2073	7.8	71306.9	-0552.1	2163	9.7	72558.9	-0558.1	2253	9.0	74047.7	-0506.4
1984	9.0	70131.3	-0518.0	2074	8.8	71325.6	-0545.9	2164	9.6	72615.4	-0502.0	2254	9.8	74054.6	-0556.8
1985	9.5	70139.8	-0551.2	2075	7.5	71342.9	-0552.1	2165	7.3	72626.5	-0555.0	2255	8.5	74057.2	-0532.7
1986	9.8	70141.4	-0535.4	2076	9.1	71345.3	-0505.0	2166	9.7	72635.0	-0536.2	2256	9.5	74100.8	-0519.3
1987	9.0	70155.3	-0523.3	2077	8.8	71356.2	-0515.5	2167	9.5	72700.6	-0535.1	2257	8.9	74116.7	-0517.8
1988	9.8	70202.4	-0558.3	2078	9.3	71358.5	-0545.0	2168	9.1	72707.6	-0537.6	2258	8.4	74132.0	-0542.8
1989	10.	70210.2	-0516.5	2079	9.5	71419.3	-0520.0	2169	9.4	72711.2	-0534.0	2259	9.5	74145.1	-0550.5
1990	9.6	70211.0	-0547.9	2080	7.0	71427.7	-0537.7	2170	10.	72731.8	-0533.4	2260	9.4	74155.6	-0541.0
1991	9.8	70213.0	-0512.7	2081	9.8	71431.7	-0506.2	2171	9.7	72733.1	-0542.8	2261	9.5	74233.4	-0556.1
1992	9.5	70218.9	-0543.1	2082	9.1	71436.4	-0510.0	2172	9.4	72735.7	-0538.0	2262	10.	74236.9	-0500.8
1993	7.9	70226.0	-0548.8	2083	9.1	71443.8	-0550.9	2173	8.5	72744.2	-0507.0	2263	9.2	74239.1	-0553.6
1994	9.0	70227.7	-0526.9	2084	9.3	71444.3	-0536.6	2174	9.8	72749.1	-0551.6	2264	9.5	74253.7	-0522.0
1995	9.2	70228.1	-0537.8	2085	9.0	71454.2	-0533.3	2175	9.1	72819.7	-0539.9	2265	9.2	74314.3	-0541.1
1996	9.5	70234.1	-0540.0	2086	8.2	71454.9	-0518.1	2176	9.4	72819.8	-0541.1	2266	9.3	74326.8	-0507.0
1997	8.2	70245.1	-0530.7	2087	9.0	71502.3	-0551.4	2177	9.8	72857.6	-0512.1	2267	7.0	74328.5	-0526.8
1998	9.1	70307.5	-0534.9	2088	9.4	71503.0	-0528.3	2178	8.2	72859.3	-0527.9	2268	9.1	74331.2	-0505.3
1999	10.	70309.8	-0553.9	2089	5.9	71519.1	-0542.2	2179	9.1	72908.7	-0552.4	2269	9.3	74334.4	-0541.4
2000	9.4	70314.9	-0511.7	2090	9.5	71525.6	-0523.6	2180	9.6	72912.8	-0544.2	2270	8.9	74338.5	-0501.3
2001	9.5	70318.9	-0512.0	2091	9.1	71548.4	-0540.2	2181	9.1	72923.3	-0521.7	2271	9.6	74345.8	-0536.1
2002	9.8	70335.0	-0557.4	2092	8.8	71612.3	-0521.6	2182	9.5	72941.7	-0552.1	2272	9.6	74349.7	-0535.8
2003	9.7	70343.5	-0525.3	2093	9.2	71615.7	-0512.2	2183	9.0	72953.2	-0535.5	2273	9.2	74357.1	-0538.9
2004	9.0	70345.6	-0534.4	2094	9.6	71632.4	-0550.5	2184	9.2	73002.2	-0529.7	2274	9.5	74423.2	-0537.1
2005	9.3	70350.6	-0505.2	2095	8.7	71632.7	-0511.4	2185	9.8	73017.2	-0511.9	2275	9.5	74452.5	-0542.0
2006	8.9	70359.9	-0513.7	2096	9.2	71703.8	-0545.0	2186	9.9	73026.1	-0556.0	2276	9.1	74455.7	-0510.1
2007	9.7	70422.0	-0507.3	2097	9.5	71715.8	-0521.6	2187	8.7	73037.0	-0552.8	2277	8.5	74526.1	-0532.8
2008	9.0	70423.2	-0521.1	2098	9.4	71722.6	-0531.1	2188	9.3	73044.5	-0542.5	2278	9.0	74526.7	-0538.4
2009	9.5	70432.5	-0534.5	2099	10.	71729.7	-0503.1	2189	9.1	73053.3	-0523.3	2279	9.6	74531.3	-0541.7
2010	9.7	70438.0	-0501.5	2100	9.9	71734.6	-0557.5	2190	9.0	73058.3	-0520.8	2280	5.7	74538.7	-0503.2
2011	8.5	70443.0	-0526.2	2101	9.5	71743.3	-0500.6	2191	9.3	73059.5	-0523.3	2281	9.3	74608.7	-0535.3
2012	9.3	70455.9	-0540.9	2102	9.1	71754.0	-0514.5	2192	9.0	73103.0	-0514.5	2282	9.8	74610.9	-0553.7
2013	9.1	70458.4	-0512.6	2103	9.0	71801.2	-0514.6	2193	9.3	73104.7	-0519.0	2283	9.7	74613.3	-0544.4
2014	8.2	70502.1	-0512.0	2104	8.6	71801.8	-0527.6	2194	8.6	73120.2	-0528.0	2284	7.8	74641.1	-0541.5
2015	9.4	70511.5	-0555.5	2105	9.8	71804.3	-0527.1	2195	9.4	73136.5	-0542.2	2285	9.4	74643.8	-0556.8
2016	9.3	70512.2	-0511.8	2106	9.9	71812.9	-0512.8	2196	7.8	73140.3	-0508.3	2286	9.8	74659.3	-0519.7
2017	9.5	70516.5	-0506.2	2107	10.	71813.0	-0517.0	2197	10.	73148.6	-0553.9	2287	9.4	74700.2	-0530.6
2018	9.2	70522.9	-0520.9	2108	9.7	71820.5	-0542.4	2198	8.8	73158.8	-0520.7	2288	9.5	74710.3	-0522.0
2019	9.8	70552.7	-0511.5	2109	9.3	71821.4	-0501.1	2199	9.4	73206.2	-0529.9	2289	9.4	74729.7	-0531.6
2020	9.8	70601.1	-0529.2	2110	9.8	71825.4	-0551.3	2200	9.4	73222.2	-0532.5	2290	9.5	74753.5	-0503.0
2021	10.	70602.7	-0545.2	2111	9.4	71833.6	-0528.6	2201	9.4	73235.7	-0505.7	2291	9.6	74815.6	-0531.1
2022	9.4	70608.2	-0513.0	2112	6.3	71844.2	-0529.1	2202	7.8	73242.6	-0555.0	2292	9.8	74821.6	-0532.7
2023	9.0	70609.7	-0545.6	2113	9.8	71906.5	-0505.0	2203	9.4	73304.6	-0549.4	2293	9.0	74824.2	-0539.3
2024	9.8	70615.8	-0502.8	2114	9.5	71909.3	-0538.0	2204	9.5	73305.3	-0515.1	2294	9.0	74828.0	-0549.5
2025	9.8	70617.0	-0505.5	2115	9.6	71912.7	-0516.6	2205	8.7	73307.9	-0544.8	2295	9.7	74844.9	-0531.3
2026	9.3	70630.7	-0513.2	2116	9.4	71919.8	-0520.1	2206	9.5	73318.7	-0512.2	2296	8.7	74849.8	-0508.0
2027	9.6	70638.2	-0514.0	2117	9.5	71937.9	-0523.2	2207	9.7	73322.2	-0501.6	2297	9.0	74850.6	-0526.0
2028	9.5	70648.9	-0552.5	2118	7.8	71939.2	-0534.7	2208	9.4	73329.7	-0523.4	2298	9.4	74854.5	-0548.9
2029	9.0	70649.4	-0543.4	2119	9.2	71941.4	-0551.6	2209	8.7	73339.2	-0524.9	2299	9.5	74906.4	-0503.1
2030	9.5	70653.9	-0549.3	2120	9.0	71949.3	-0514.3	2210	9.5	73402.2	-0526.5	2300	9.2	74912.8	-0521.6

-05 2301 7h49m

-05 2660 8h47m

2301	9.0	74913.7	-0515.1	2391	9.0	80314.0	-0517.9	2481	9.1	81029.4	-0512.3	2571	10.	82628.4	-0534.0
2302	9.4	74926.2	-0510.4	2392	8.9	80336.8	-0524.5	2482	8.3	81044.2	-0558.0	2572	8.7	82645.0	-0532.1
2303	8.4	74933.0	-0542.6	2393	9.5	80350.1	-0551.3	2483	9.4	81106.1	-0527.2	2573	8.3	82646.4	-0545.2
2304	9.5	74936.2	-0539.5	2394	9.4	80421.6	-0554.3	2484	9.8	81115.5	-0518.8	2574	8.3	82650.9	-0559.0
2305	9.4	74939.5	-0505.1	2395	7.5	80425.3	-0535.5	2485	9.8	81120.8	-0508.1	2575	10.	82702.3	-0501.4
2306	9.9	74944.1	-0527.9	2396	8.9	80433.8	-0500.0	2486	8.7	81135.4	-0544.3	2576	9.5	82706.2	-0546.5
2307	9.5	74948.3	-0520.5	2397	9.1	80437.4	-0506.9	2487	9.5	81148.3	-0538.6	2577	9.6	82715.4	-0522.7
2308	9.6	75009.7	-0505.5	2398	9.8	80458.5	-0537.1	2488	9.8	81152.6	-0522.3	2578	9.2	82739.6	-0534.4
2309	9.5	75011.0	-0543.1	2399	8.0	80459.5	-0539.8	2489	7.1	81204.9	-0510.0	2579	9.8	82741.3	-0553.4
2310	9.8	75014.6	-0508.2	2400	9.6	80502.2	-0500.2	2490	9.5	81214.6	-0558.0	2580	9.8	82747.5	-0557.0
2311	9.5	75028.6	-0555.0	2401	9.6	80503.5	-0507.6	2491	9.9	81218.6	-0556.7	2581	9.8	82750.6	-0547.7
2312	9.0	75046.8	-0533.3	2402	9.4	80509.5	-0503.4	2492	9.8	81228.4	-0510.0	2582	9.3	82812.5	-0503.2
2313	9.0	75056.2	-0539.7	2403	9.4	80526.4	-0514.1	2493	9.8	81230.1	-0526.5	2583	9.6	82821.9	-0545.7
2314	9.5	75057.5	-0554.7	2404	9.3	80527.8	-0515.1	2494	9.6	81240.8	-0536.8	2584	9.3	82828.4	-0545.7
2315	9.0	75114.6	-0541.9	2405	9.5	80527.9	-0510.8	2495	9.5	81244.0	-0503.1	2585	9.5	82833.4	-0501.5
2316	9.5	75121.2	-0512.8	2406	9.9	80539.0	-0527.8	2496	9.5	81252.4	-0512.4	2586	9.8	82837.4	-0523.7
2317	9.5	75129.1	-0530.0	2407	9.6	80540.8	-0524.9	2497	9.5	81300.2	-0559.5	2587	10.	82914.3	-0512.2
2318	9.0	75135.0	-0518.2	2408	9.6	80540.8	-0504.5	2498	10.	81315.1	-0556.6	2588	10.	82919.9	-0521.9
2319	10.	75138.0	-0550.0	2409	9.6	80544.2	-0550.9	2499	9.8	81316.1	-0522.9	2589	9.5	82924.9	-0506.9
2320	9.8	75208.9	-0542.4	2410	9.6	80544.7	-0503.5	2500	9.6	81348.3	-0539.8	2590	8.2	83011.4	-0558.4
2321	9.3	75212.3	-0500.2	2411	9.1	80548.2	-0508.0	2501	9.2	81348.8	-0503.8	2591	9.3	83024.2	-0542.1
2322	9.8	75235.5	-0553.3	2412	9.4	80554.7	-0527.0	2502	8.8	81350.3	-0546.5	2592	9.1	83033.8	-0502.7
2323	9.7	75249.8	-0523.9	2413	9.1	80555.2	-0519.0	2503	9.5	81401.0	-0518.3	2593	9.8	83041.2	-0548.6
2324	9.7	75258.3	-0525.5	2414	9.0	80558.5	-0512.5	2504	8.9	81417.9	-0503.3	2594	9.5	83059.6	-0537.7
2325	9.5	75308.7	-0527.0	2415	9.6	80558.7	-0500.8	2505	9.1	81424.3	-0533.9	2595	9.8	83114.7	-0508.4
2326	9.3	75316.2	-0537.1	2416	9.8	80602.6	-0520.3	2506	9.0	81430.7	-0557.5	2596	9.8	83117.8	-0542.3
2327	8.4	75321.2	-0504.4	2417	9.8	80604.8	-0530.5	2507	9.8	81448.4	-0512.0	2597	9.3	83122.3	-0517.4
2328	9.1	75337.2	-0537.3	2418	9.8	80606.4	-0515.3	2508	9.4	81456.5	-0521.1	2598	9.0	83126.6	-0545.1
2329	9.1	75354.0	-0550.5	2419	8.6	80607.8	-0512.5	2509	9.4	81500.9	-0514.2	2599	8.9	83128.4	-0555.3
2330	9.8	75354.5	-0518.8	2420	8.5	80609.4	-0507.5	2510	9.8	81517.5	-0521.0	2600	9.1	83134.3	-0519.6
2331	9.4	75356.1	-0504.3	2421	9.5	80613.1	-0519.3	2511	9.3	81519.9	-0535.0	2601	8.3	83137.0	-0525.8
2332	9.5	75432.6	-0557.5	2422	9.6	80616.3	-0517.3	2512	6.3	81521.6	-0542.9	2602	8.5	83141.9	-0540.2
2333	9.2	75441.1	-0531.4	2423	9.4	80617.2	-0523.9	2513	9.2	81534.8	-0531.7	2603	9.5	83250.1	-0558.0
2334	9.6	75443.2	-0538.3	2424	9.3	80618.4	-0522.2	2514	9.5	81548.8	-0506.1	2604	9.5	83258.1	-0548.4
2335	9.5	75459.6	-0514.4	2425	9.5	80621.3	-0537.7	2515	9.3	81554.2	-0544.4	2605	9.6	83302.4	-0557.5
2336	9.3	75500.6	-0530.8	2426	9.5	80625.4	-0527.0	2516	10.	81603.1	-0558.5	2606	9.0	83303.9	-0524.2
2337	9.8	75514.7	-0524.9	2427	9.4	80627.7	-0535.5	2517	9.9	81645.9	-0542.5	2607	9.7	83313.7	-0543.9
2338	8.9	75516.2	-0505.1	2428	9.3	80628.7	-0557.3	2518	8.5	81646.8	-0551.2	2608	9.1	83332.2	-0510.8
2339	6.5	75517.9	-0556.0	2429	9.1	80630.5	-0521.2	2519	7.8	81701.4	-0512.8	2609	8.3	83438.5	-0505.8
2340	8.9	75523.2	-0524.9	2430	9.1	80631.0	-0520.8	2520	9.0	81741.5	-0552.2	2610	9.7	83443.2	-0544.9
2341	7.5	75538.6	-0555.4	2431	9.8	80633.9	-0520.1	2521	9.4	81744.2	-0504.0	2611	10.	83500.4	-0558.5
2342	8.8	75552.5	-0557.3	2432	9.0	80635.2	-0522.6	2522	8.5	81800.0	-0509.5	2612	9.5	83543.8	-0518.0
2343	9.5	75557.0	-0527.4	2433	9.0	80635.4	-0521.8	2523	8.6	81825.1	-0500.9	2613	9.5	83555.7	-0516.2
2344	8.7	75610.7	-0537.5	2434	10.	80636.9	-0520.1	2524	9.1	81844.8	-0512.1	2614	9.9	83605.5	-0533.1
2345	9.1	75614.4	-0526.4	2435	8.8	80637.8	-0518.6	2525	8.8	81853.5	-0503.4	2615	10.	83634.2	-0509.7
2346	9.8	75619.2	-0512.7	2436	8.6	80638.5	-0511.1	2526	9.1	81900.4	-0516.2	2616	8.3	83637.4	-0530.6
2347	8.8	75635.5	-0516.4	2437	9.1	80639.2	-0518.3	2527	8.6	81908.5	-0523.7	2617	9.5	83640.6	-0538.0
2348	9.0	75637.9	-0553.5	2438	9.3	80642.5	-0516.1	2528	10.	81918.3	-0538.7	2618	8.9	83645.3	-0519.0
2349	9.5	75646.8	-0549.2	2439	9.5	80644.4	-0532.4	2529	7.8	81945.4	-0543.8	2619	8.0	83648.1	-0558.8
2350	9.4	75647.9	-0502.9	2440	9.5	80646.4	-0521.6	2530	7.0	82009.0	-0555.7	2620	8.3	83715.8	-0541.1
2351	9.4	75655.9	-0523.3	2441	10.	80649.8	-0524.6	2531	9.8	82011.6	-0543.7	2621	9.6	83748.0	-0500.5
2352	8.8	75733.4	-0541.6	2442	9.5	80653.3	-0515.5	2532	9.6	82014.1	-0506.4	2622	9.5	83818.9	-0525.7
2353	7.0	75738.6	-0500.3	2443	9.5	80653.7	-0530.6	2533	9.8	82020.0	-0536.0	2623	9.2	83901.1	-0537.7
2354	9.4	75747.1	-0551.8	2444	9.1	80701.6	-0508.1	2534	9.8	82021.9	-0544.0	2624	9.0	83908.0	-0528.6
2355	9.8	75812.1	-0552.2	2445	9.2	80704.1	-0542.8	2535	9.0	82045.9	-0533.5	2625	8.0	83912.0	-0553.0
2356	8.7	75820.8	-0508.3	2446	9.0	80705.0	-0517.0	2536	9.4	82046.7	-0506.9	2626	9.6	83920.3	-0542.1
2357	9.0	75829.3	-0516.7	2447	8.4	80707.3	-0528.1	2537	9.0	82048.8	-0511.2	2627	9.3	83933.2	-0513.3
2358	9.5	75831.2	-0500.9	2448	9.8	80710.0	-0513.9	2538	9.0	82051.0	-0526.8	2628	9.4	83947.0	-0501.1
2359	9.4	75833.8	-0517.0	2449	10.	80711.8	-0520.6	2539	9.5	82057.6	-0528.9	2629	9.1	83948.1	-0548.3
2360	10.	75904.4	-0520.3	2450	9.6	80714.1	-0505.0	2540	9.6	82100.3	-0546.0	2630	8.8	84009.9	-0528.0
2361	9.5	75905.1	-0557.1	2451	9.5	80716.1	-0518.4	2541	8.8	82128.8	-0514.7	2631	9.8	84010.8	-0529.1
2362	9.4	75920.1	-0520.0	2452	9.4	80718.0	-0515.5	2542	9.5	82132.0	-0527.5	2632	8.9	84013.5	-0522.5
2363	8.8	75929.3	-0513.0	2453	9.5	80718.4	-0536.1	2543	10.	82149.8	-0513.6	2633	8.8	84018.7	-0512.8
2364	9.4	75937.9	-0505.8	2454	9.5	80730.9	-0520.9	2544	7.7	82155.7	-0523.6	2634	9.8	84034.4	-0528.3
2365	9.5	75948.8	-0520.3	2455	9.3	80733.5	-0500.9	2545	8.8	82202.2	-0509.3	2635	9.2	84055.0	-0553.5
2366	9.5	75959.3	-0522.8	2456	9.5	80738.2	-0522.5	2546	9.6	82217.8	-0515.9	2636	9.4	84108.5	-0508.8
2367	9.3	80001.2	-0555.9	2457	9.4	80739.2	-0557.0	2547	8.7	82220.1	-0532.1	2637	9.5	84112.4	-0559.6
2368	8.8	80023.3	-0524.8	2458	9.5	80747.2	-0556.6	2548	9.8	82226.2	-0509.6	2638	8.7	84113.6	-0500.4
2369	9.7	80023.6	-0527.2	2459	9.1	80749.4	-0506.0	2549	9.5	82228.6	-0557.1	2639	9.5	84131.8	-0503.1
2370	9.5	80028.8	-0521.5	2460	9.4	80752.0	-0544.6	2550	8.4	82231.8	-0550.3	2640	9.3	84218.3	-0518.1
2371	8.4	80031.4	-0543.9	2461	9.0	80758.8	-0552.8	2551	9.6	82233.5	-0523.3	2641	9.5	84230.4	-0527.2
2372	9.2	80036.2	-0540.4	2462	9.0	80803.1	-0552.5	2552	9.6	82239.4	-0500.0	2642	7.2	84231.0	-0509.4
2373	9.5	80037.3	-0535.5	2463	8.3	80827.9	-0534.6	2553	10.	82304.6	-0535.0	2643	9.6	84240.4	-0549.9
2374	9.8	80040.0	-0546.3	2464	9.8	80836.7	-0529.1	2554	9.7	82305.0	-0548.5	2644	8.5	84248.3	-0526.7
2375	9.3	80112.5	-0520.5	2465	8.4	80853.1	-0525.7	2555	9.8	82326.4	-0503.3	2645	10.	84329.9	-0528.6
2376	9.8	80127.4	-0500.1	2466	9.8	80853.6	-0510.4	2556	9.6	82331.5	-0531.8	2646	9.0	84341.0	-0549.3
2377	9.5	80139.3	-0532.3	2467	9.2	80854.3	-0545.7	2557	9.2	82337.4	-0555.3	2647	8.0	84359.9	-0541.9
2378	9.0	80157.4	-0507.7	2468	9.8	80855.4	-0513.0	2558	9.6	82356.5	-0528.6	2648	8.5	84404.7	-0514.1
2379	9.3	80209.1	-0544.6	2469	9.5	80900.3	-0552.3	2559	9.8	82401.4	-0551.7	2649	9.8	84406.2	-0535.3
2380	9.7	80216.5	-0528.3	2470	9.1	80903.0	-0519.0	2560	9.5	82405.9	-0542.6	2650	9.3	84407.6	-0543.6
2381	8.1	80229.0	-0542.3	2471	9.8	80919.0	-0551.2	2561	9.7	82409.2	-0539.2	2651	8.5	84424.4	-0525.7
2382	9.5	80231.3	-0525.1	2472	9.4	80922.2	-0532.0	2562	9.3	82411.8	-0530.4	2652	9.5	84454.8	-0523.1
2383	9.8	80233.2	-0554.8	2473	9.1	80934.8	-0506.7	2563	9.1	82423.1	-0535.9	2653	8.9	84510.3	-0546.0
2384	9.3	80235.9	-0503.9	2474	8.5	80953.6	-0558.1	2564	9.1	82432.7	-0549.9	2654	9.8	84611.0	-0533.2
2385	10.	80242.0	-0559.3	2475	9.3	81002.7	-0530.4	2565	9.3	82453.8	-0522.2	2655	9.1	84613.4	-0503.4
2386	8.8	80246.1	-0511.0	2476	9.1	81003.4	-0508.1	2566	7.7	82524.9	-0524.7	2656	7.8	84613.4	-0540.1
2387	9.1	80248.9	-0552.4	2477	8.8	81010.9	-0512.7	2567	8.9	82551.3	-0549.8	2657	8.7	84630.8	-0522.5
2388	9.2	80255.6	-0504.2	2478	9.8	81012.9	-0557.5	2568	9.3	82611.8	-0551.5	2658	8.5	84645.8	-0522.3
2389	9.0	80306.3	-0525.4	2479	9.3	81014.3	-0533.4	2569	9.5	82615.7	-0501.5	2659	9.5	84700.6	-0509.3
2390	9.1	80308.6	-0505.5	2480	9.4	81019.8	-0554.4	2570	9.2	82624.1	-0531.7	2660	9.0	84703.1	-0520.5

2661	8.5	84711.9	-0529.9	2751	9.0	90618.1	-0513.7	2841	9.0	92758.4	-0512.1	2931	10.	94651.6	-0550.7
2662	9.8	84736.0	-0555.2	2752	10.	90639.0	-0533.4	2842	10.	92811.5	-0521.7	2932	10.	94652.8	-0556.2
2663	10.	84753.0	-0550.2	2753	10.	90641.2	-0540.4	2843	9.0	92813.0	-0549.8	2933	10.	94706.6	-0551.6
2664	10.	84821.7	-0503.9	2754	9.0	90726.7	-0549.3	2844	9.9	92903.0	-0549.1	2934	10.	94709.1	-0553.6
2665	9.1	84823.0	-0510.5	2755	9.5	90814.4	-0538.6	2845	10.	92904.8	-0509.7	2935	9.1	94745.2	-0514.8
2666	9.0	84825.4	-0532.1	2756	9.0	90817.9	-0506.5	2846	9.4	92918.3	-0512.8	2936	9.3	94758.7	-0558.8
2667	9.4	84839.8	-0522.1	2757	9.8	90823.2	-0501.9	2847	9.5	92929.1	-0554.1	2937	9.5	94759.2	-0516.7
2668	8.3	84853.2	-0543.3	2758	9.8	90855.0	-0542.1	2848	9.7	92933.8	-0553.7	2938	9.5	94821.8	-0520.4
2669	9.5	84922.5	-0543.5	2759	9.0	90902.6	-0516.3	2849	9.3	92941.1	-0553.7	2939	8.5	94828.9	-0528.5
2670	9.0	85022.5	-0507.7	2760	9.3	90909.0	-0535.5	2850	9.6	92943.6	-0553.2	2940	10.	94831.3	-0559.5
2671	8.3	85037.7	-0503.6	2761	9.1	90909.9	-0524.6	2851	9.3	93015.0	-0552.2	2941	9.6	94843.0	-0537.9
2672	9.8	85052.9	-0506.9	2762	5.8	90929.1	-0545.2	2852	10.	93028.4	-0543.6	2942	9.6	94844.0	-0535.9
2673	9.5	85053.6	-0514.8	2763	9.5	90938.8	-0557.1	2853	10.	93032.1	-0537.3	2943	9.9	94848.8	-0525.1
2674	9.5	85058.8	-0525.7	2764	9.5	90942.3	-0522.2	2854	8.5	93039.0	-0530.8	2944	9.7	94923.1	-0512.0
2675	8.5	85113.6	-0514.8	2765	9.7	91007.9	-0542.7	2855	9.5	93057.2	-0516.3	2945	8.2	94934.5	-0505.8
2676	8.9	85134.4	-0528.2	2766	9.1	91039.6	-0535.7	2856	9.8	93131.2	-0509.6	2946	9.5	94934.9	-0546.7
2677	9.8	85144.2	-0555.8	2767	9.4	91058.4	-0546.7	2857	9.8	93145.7	-0509.4	2947	10.	94945.1	-0545.6
2678	10.	85151.4	-0548.7	2768	9.6	91111.6	-0517.0	2858	8.5	93157.9	-0504.3	2948	10.	94947.5	-0536.0
2679	8.7	85155.8	-0527.8	2769	9.8	91116.1	-0514.1	2859	9.8	93207.5	-0529.4	2949	9.1	94954.6	-0545.7
2680	8.5	85156.1	-0517.7	2770	9.3	91126.7	-0526.7	2860	9.5	93232.7	-0525.4	2950	9.8	95011.1	-0545.3
2681	9.8	85218.4	-0542.8	2771	9.5	91143.7	-0544.1	2861	8.8	93239.2	-0510.2	2951	9.6	95026.2	-0517.9
2682	9.5	85220.9	-0500.6	2772	9.0	91154.7	-0553.8	2862	9.6	93257.7	-0501.5	2952	9.3	95044.7	-0519.7
2683	9.0	85222.2	-0518.7	2773	9.9	91210.2	-0533.0	2863	9.9	93301.8	-0513.2	2953	9.0	95046.6	-0546.1
2684	8.5	85235.0	-0533.1	2774	8.0	91235.1	-0522.9	2864	9.9	93317.2	-0543.0	2954	9.0	95105.1	-0554.7
2685	9.4	85239.3	-0547.6	2775	10.	91240.2	-0549.1	2865	9.0	93353.1	-0556.2	2955	9.2	95121.0	-0537.9
2686	10.	85256.9	-0544.5	2776	10.	91252.7	-0551.9	2866	10.	93403.0	-0542.5	2956	10.	95145.1	-0550.0
2687	9.9	85257.2	-0537.3	2777	9.1	91307.6	-0522.9	2867	10.	93403.1	-0516.7	2957	9.8	95149.2	-0500.7
2688	10.	85323.5	-0510.8	2778	8.9	91334.4	-0508.7	2868	9.4	93409.6	-0557.6	2958	9.8	95149.6	-0517.7
2689	8.3	85343.8	-0542.0	2779	9.1	91348.6	-0522.1	2869	9.7	93426.4	-0503.8	2959	9.8	95155.4	-0506.1
2690	10.	85349.4	-0530.4	2780	9.6	91443.1	-0524.3	2870	8.8	93444.3	-0514.2	2960	9.7	95212.0	-0542.7
2691	9.5	85407.5	-0509.0	2781	9.3	91503.7	-0557.0	2871	10.	93450.7	-0554.0	2961	9.8	95220.7	-0559.8
2692	9.8	85432.2	-0501.9	2782	7.5	91510.6	-0526.3	2872	9.2	93453.7	-0544.5	2962	9.8	95229.5	-0538.2
2693	9.2	85500.8	-0521.9	2783	9.5	91536.5	-0511.7	2873	9.1	93504.1	-0534.1	2963	9.1	95233.6	-0548.1
2694	9.2	85501.1	-0520.5	2784	9.0	91543.3	-0559.6	2874	9.0	93519.3	-0512.9	2964	9.4	95236.7	-0540.5
2695	9.3	85509.1	-0555.1	2785	9.0	91607.6	-0519.2	2875	9.7	93531.5	-0553.9	2965	9.9	95242.8	-0531.1
2696	9.6	85528.5	-0512.3	2786	9.8	91652.5	-0557.8	2876	7.9	93600.1	-0558.1	2966	10.	95332.7	-0557.3
2697	9.5	85600.1	-0550.9	2787	10.	91706.5	-0537.1	2877	8.9	93603.2	-0522.4	2967	9.3	95333.4	-0552.6
2698	8.3	85610.3	-0521.8	2788	8.6	91712.3	-0528.9	2878	10.	93608.0	-0504.8	2968	9.6	95344.6	-0511.2
2699	9.4	85620.4	-0531.6	2789	8.9	91728.6	-0522.1	2879	10.	93610.8	-0508.1	2969	9.1	95353.0	-0506.7
2700	9.8	85710.1	-0548.7	2790	8.4	91739.6	-0523.2	2880	9.0	93629.0	-0532.8	2970	9.2	95406.9	-0549.0
2701	9.6	85716.9	-0524.7	2791	9.5	91745.2	-0532.6	2881	8.4	93655.0	-0530.9	2971	9.1	95424.7	-0524.8
2702	9.1	85719.1	-0556.7	2792	9.3	91804.5	-0509.4	2882	9.7	93715.0	-0551.3	2972	8.8	95436.2	-0500.6
2703	9.7	85720.3	-0540.3	2793	9.2	91809.7	-0551.8	2883	9.1	93718.2	-0545.6	2973	10.	95457.5	-0540.7
2704	9.8	85724.3	-0502.3	2794	7.8	91814.7	-0546.9	2884	9.2	93725.4	-0526.4	2974	10.	95511.3	-0547.0
2705	9.9	85747.4	-0524.0	2795	8.2	91823.0	-0515.2	2885	8.8	93726.3	-0537.4	2975	8.8	95511.9	-0553.0
2706	9.2	85755.4	-0549.9	2796	10.	91930.6	-0503.4	2886	9.6	93726.5	-0531.4	2976	8.7	95527.6	-0548.4
2707	9.3	85757.7	-0537.8	2797	9.7	91935.6	-0540.2	2887	10.	93729.5	-0520.2	2977	8.8	95536.1	-0513.6
2708	9.8	85817.9	-0518.5	2798	10.	91946.0	-0515.0	2888	9.1	93738.7	-0504.3	2978	10.	95556.3	-0530.1
2709	9.5	85847.6	-0537.2	2799	9.7	91957.4	-0546.9	2889	10.	93759.6	-0541.7	2979	8.8	95558.7	-0550.4
2710	9.5	85848.4	-0538.1	2800	10.	92011.9	-0506.0	2890	9.0	93830.9	-0553.2	2980	10.	95609.5	-0551.2
2711	9.8	85850.0	-0501.5	2801	9.6	92033.5	-0517.8	2891	9.8	93833.8	-0513.2	2981	9.1	95618.1	-0518.5
2712	9.4	85850.7	-0523.4	2802	6.0	92034.6	-0526.5	2892	9.8	93852.7	-0551.2	2982	10.	95621.0	-0539.5
2713	8.8	85936.3	-0507.3	2803	8.5	92045.7	-0502.5	2893	9.8	93855.4	-0506.1	2983	9.4	95704.2	-0518.6
2714	9.8	85939.6	-0504.4	2804	9.2	92122.2	-0539.6	2894	10.	93857.8	-0515.0	2984	9.0	95748.6	-0513.5
2715	9.6	85948.4	-0541.6	2805	9.4	92126.1	-0532.0	2895	8.5	93859.5	-0524.7	2985	9.8	95834.5	-0548.5
2716	10.	90000.2	-0559.9	2806	9.4	92128.7	-0549.0	2896	9.4	93900.4	-0526.5	2986	9.0	95855.5	-0545.4
2717	9.8	90010.3	-0542.7	2807	10.	92143.2	-0536.4	2897	9.9	93901.9	-0527.8	2987	9.8	95918.3	-0532.5
2718	9.5	90013.0	-0525.5	2808	9.8	92153.0	-0516.7	2898	9.2	93911.1	-0521.5	2988	10.	95923.7	-0558.8
2719	10.	90013.2	-0500.3	2809	9.3	92208.4	-0511.1	2899	10.	93912.0	-0517.5	2989	8.7	95947.1	-0540.3
2720	10.	90016.6	-0535.5	2810	10.	92215.0	-0543.1	2900	9.8	93933.4	-0543.3	2990	9.4	95949.4	-0529.2
2721	10.	90034.7	-0534.4	2811	9.8	92221.5	-0541.0	2901	10.	93951.0	-0535.5	2991	7.6	100020.5	-0544.3
2722	10.	90040.1	-0506.1	2812	9.3	92232.5	-0531.3	2902	8.6	93951.6	-0509.2	2992	9.4	100032.3	-0555.8
2723	10.	90043.8	-0532.9	2813	9.1	92241.4	-0511.2	2903	9.8	94012.8	-0553.7	2993	8.5	100041.3	-0500.7
2724	10.	90049.9	-0521.3	2814	8.2	92256.5	-0522.5	2904	9.4	94024.4	-0530.8	2994	9.8	100050.7	-0512.1
2725	9.2	90110.6	-0534.9	2815	9.5	92303.0	-0522.7	2905	10.	94026.8	-0515.4	2995	9.1	100104.1	-0520.6
2726	9.1	90113.5	-0532.7	2816	9.9	92328.2	-0511.8	2906	9.6	94049.9	-0515.3	2996	9.8	100142.6	-0520.6
2727	8.5	90116.1	-0502.6	2817	9.6	92328.7	-0537.1	2907	9.8	94051.1	-0512.5	2997	9.5	100145.0	-0510.7
2728	9.9	90119.4	-0515.0	2818	9.7	92330.1	-0505.0	2908	7.3	94051.7	-0514.3	2998	10.	100212.9	-0511.0
2729	9.8	90125.5	-0553.4	2819	10.	92331.4	-0511.5	2909	9.5	94124.5	-0529.3	2999	9.1	100215.9	-0537.4
2730	9.3	90146.8	-0506.7	2820	7.0	92340.8	-0501.7	2910	9.3	94124.7	-0503.6	3000	9.3	100217.0	-0536.2
2731	9.0	90150.7	-0509.4	2821	10.	92357.0	-0525.4	2911	9.3	94132.1	-0510.0	3001	9.8	100242.3	-0511.7
2732	8.6	90151.1	-0522.8	2822	9.0	92407.2	-0534.1	2912	10.	94152.5	-0537.5	3002	9.0	100242.5	-0555.0
2733	9.8	90205.8	-0512.0	2823	10.	92408.3	-0509.5	2913	10.	94212.7	-0550.3	3003	10.	100252.4	-0540.8
2734	9.8	90208.1	-0511.9	2824	9.4	92432.4	-0517.3	2914	10.	94214.6	-0504.9	3004	9.5	100257.4	-0506.3
2735	9.4	90228.0	-0527.4	2825	9.2	92455.6	-0511.1	2915	9.4	94225.0	-0536.4	3005	9.1	100308.6	-0508.1
2736	9.8	90246.1	-0541.7	2826	9.1	92501.5	-0508.3	2916	9.3	94225.6	-0505.4	3006	10.	100331.5	-0553.1
2737	9.1	90257.5	-0551.8	2827	9.4	92501.7	-0519.8	2917	9.5	94245.4	-0539.8	3007	9.3	100346.9	-0540.0
2738	7.5	90308.6	-0534.1	2828	9.4	92508.6	-0507.0	2918	10.	94310.8	-0516.5	3008	8.6	100412.3	-0526.6
2739	9.0	90310.9	-0517.6	2829	10.	92509.2	-0544.7	2919	9.5	94319.5	-0537.5	3009	9.7	100425.1	-0503.7
2740	9.5	90312.0	-0529.7	2830	9.5	92521.5	-0503.0	2920	9.1	94347.0	-0549.2	3010	10.	100444.1	-0558.8
2741	9.7	90325.1	-0532.8	2831	10.	92524.7	-0541.0	2921	10.	94351.4	-0525.8	3011	7.8	100446.0	-0529.7
2742	9.4	90332.0	-0554.5	2832	9.8	92601.3	-0549.2	2922	9.9	94406.2	-0512.7	3012	9.0	100500.6	-0514.5
2743	9.5	90413.0	-0528.4	2833	9.4	92610.4	-0517.8	2923	6.8	94407.4	-0530.3	3013	9.3	100556.4	-0508.0
2744	9.5	90429.8	-0504.5	2834	8.7	92610.4	-0551.8	2924	9.6	94424.7	-0552.1	3014	9.4	100610.1	-0547.6
2745	9.9	90436.9	-0514.0	2835	10.	92637.0	-0544.0	2925	9.8	94431.5	-0505.8	3015	9.4	100625.5	-0503.1
2746	9.5	90447.4	-0520.3	2836	10.	92654.2	-0504.6	2926	9.8	94446.6	-0506.0	3016	9.1	100629.5	-0511.8
2747	9.4	90448.8	-0513.6	2837	9.8	92654.5	-0550.7	2927	8.3	94524.3	-0527.8	3017	9.4	100706.9	-0555.8
2748	10.	90515.6	-0503.8	2838	9.4	92658.7	-0541.2	2928	9.9	94539.2	-0501.0	3018	9.0	100708.0	-0550.6
2749	9.6	90545.0	-0524.9	2839	9.4	92716.6	-0532.5	2929	9.6	94644.4	-0552.0	3019	9.2	100722.7	-0542.6
2750	9.5	90554.9	-0536.5	2840	6.7	92718.4	-0516.4	2930	10.	94649.4	-0504.3	3020	10.	100731.8	-0524.5

-05 3021 10h07m

-05 3380 11h46m

3021	8.5	100738.0	-0531.2	3111	9.4	103053.7	-0511.4	3201	9.1	105933.8	-0544.9	3291	9.8	112021.4	-0516.6
3022	9.6	100743.4	-0541.4	3112	9.8	103101.1	-0552.0	3202	9.5	105940.0	-0528.8	3292	10.	112034.0	-0535.3
3023	10.	100747.0	-0517.0	3113	8.7	103142.1	-0554.7	3203	9.1	105949.5	-0519.8	3293	10.	112044.6	-0539.0
3024	8.8	100750.7	-0542.2	3114	8.7	103151.1	-0508.0	3204	10.	105954.3	-0501.4	3294	8.9	112109.3	-0518.2
3025	9.0	100811.1	-0516.7	3115	9.3	103157.8	-0520.8	3205	10.	110026.8	-0555.8	3295	9.7	112112.1	-0507.0
3026	9.3	100834.4	-0511.4	3116	8.6	103158.4	-0527.5	3206	10.	110034.0	-0533.0	3296	8.6	112117.8	-0522.9
3027	9.2	100845.3	-0535.2	3117	10.	103214.1	-0554.0	3207	9.8	110039.3	-0559.4	3297	9.7	112127.5	-0543.6
3028	8.1	100900.8	-0506.7	3118	9.5	103216.2	-0555.3	3208	9.7	110052.7	-0539.7	3298	9.8	112145.6	-0501.7
3029	10.	100916.6	-0512.0	3119	10.	103238.7	-0513.3	3209	9.2	110056.4	-0531.4	3299	9.1	112149.2	-0554.0
3030	10.	100919.4	-0543.7	3120	8.0	103258.2	-0556.0	3210	9.8	110058.9	-0537.5	3300	8.7	112219.2	-0530.5
3031	9.0	100933.8	-0507.6	3121	9.1	103307.5	-0543.6	3211	8.8	110111.6	-0537.8	3301	9.6	112230.2	-0516.8
3032	9.6	100942.0	-0542.8	3122	10.	103355.2	-0551.3	3212	9.8	110121.5	-0532.4	3302	9.7	112247.5	-0544.7
3033	9.1	101045.1	-0526.5	3123	10.	103428.1	-0512.0	3213	9.1	110128.0	-0521.4	3303	9.0	112307.7	-0531.0
3034	8.3	101049.0	-0542.0	3124	7.6	103435.9	-0549.4	3214	9.9	110148.3	-0522.8	3304	7.6	112328.2	-0555.3
3035	9.4	101049.6	-0508.9	3125	8.7	103610.6	-0503.5	3215	9.1	110217.9	-0522.8	3305	9.1	112359.2	-0522.8
3036	9.9	101057.9	-0506.4	3126	8.8	103511.5	-0545.8	3216	8.3	110226.0	-0501.3	3306	9.8	112410.6	-0504.1
3037	9.3	101100.5	-0556.3	3127	9.8	103542.2	-0517.4	3217	9.5	110258.8	-0501.7	3307	6.5	112433.8	-0540.2
3038	9.9	101109.4	-0509.8	3128	9.1	103610.5	-0512.5	3218	8.2	110259.2	-0554.2	3308	9.8	112436.7	-0510.2
3039	9.4	101119.4	-0544.0	3129	10.	103613.6	-0523.8	3219	9.9	110302.4	-0505.9	3309	8.5	112509.4	-0500.3
3040	9.0	101138.3	-0538.3	3130	10.	103618.2	-0525.7	3220	9.3	110330.1	-0557.9	3310	9.8	112523.6	-0528.2
3041	10.	101214.2	-0517.2	3131	9.1	103622.1	-0549.3	3221	8.7	110330.4	-0512.9	3311	9.4	112539.1	-0541.5
3042	9.7	101258.9	-0510.2	3132	9.1	103623.5	-0550.2	3222	8.7	110335.9	-0521.8	3312	9.4	112604.0	-0541.9
3043	7.7	101322.1	-0527.7	3133	8.2	103635.2	-0519.1	3223	8.9	110337.0	-0532.3	3313	8.0	112614.1	-0544.2
3044	9.7	101332.2	-0535.2	3134	9.8	103715.4	-0502.9	3224	10.	110351.3	-0505.2	3314	9.6	112745.2	-0509.0
3045	9.5	101333.0	-0519.9	3135	9.8	103746.2	-0514.0	3225	10.	110422.4	-0555.6	3315	8.6	112751.6	-0541.6
3046	9.8	101339.7	-0539.5	3136	10.	103751.5	-0511.1	3226	9.6	110446.1	-0518.0	3316	9.2	112820.7	-0556.3
3047	9.0	101428.6	-0530.4	3137	10.	103753.0	-0508.0	3227	9.8	110446.3	-0551.9	3317	8.8	112836.7	-0516.9
3048	9.7	101433.8	-0543.2	3138	9.8	103819.1	-0549.6	3228	9.6	110455.8	-0515.6	3318	10.	112930.5	-0500.4
3049	9.2	101439.9	-0552.8	3139	8.8	103843.8	-0541.6	3229	9.5	110514.8	-0545.6	3319	9.8	112931.4	-0518.0
3050	10.	101457.4	-0517.0	3140	9.9	103852.0	-0531.6	3230	9.5	110533.2	-0553.0	3320	9.0	112958.9	-0527.9
3051	9.9	101501.9	-0511.6	3141	9.8	103917.0	-0552.2	3231	10.	110539.3	-0531.4	3321	10.	113116.3	-0512.4
3052	8.9	101532.4	-0547.6	3142	9.5	103931.7	-0516.9	3232	10.	110550.2	-0548.2	3322	8.7	113135.6	-0528.7
3053	9.7	101548.6	-0518.6	3143	9.9	103941.5	-0559.8	3233	9.9	110613.7	-0558.6	3323	9.3	113214.3	-0534.7
3054	9.7	101610.5	-0519.6	3144	10.	103954.7	-0542.8	3234	9.8	110655.6	-0506.1	3324	9.5	113218.3	-0524.0
3055	9.7	101614.5	-0537.0	3145	9.5	104023.6	-0511.5	3235	10.	110701.4	-0504.1	3325	8.8	113218.7	-0548.0
3056	9.6	101629.4	-0559.1	3146	9.8	104045.9	-0535.5	3236	9.6	110723.0	-0520.4	3326	9.0	113222.1	-0512.5
3057	9.1	101647.4	-0550.1	3147	10.	104135.1	-0543.3	3237	10.	110724.1	-0556.5	3327	10.	113234.3	-0541.7
3058	10.	101707.3	-0555.2	3148	10.	104143.3	-0534.7	3238	9.4	110738.7	-0545.9	3328	9.0	113244.4	-0518.2
3059	10.	101724.0	-0523.0	3149	9.5	104210.0	-0550.2	3239	9.5	110746.5	-0527.5	3329	9.5	113301.8	-0517.7
3060	9.6	101733.0	-0549.1	3150	9.8	104211.6	-0541.1	3240	9.6	110750.5	-0528.6	3330	10.	113306.8	-0517.1
3061	9.0	101806.4	-0521.5	3151	8.3	104308.9	-0554.2	3241	10.	110811.3	-0504.3	3331	9.4	113323.3	-0556.2
3062	7.2	101901.3	-0541.4	3152	9.2	104333.4	-0506.3	3242	9.1	110814.8	-0521.7	3332	9.5	113357.3	-0552.9
3063	9.3	101923.7	-0546.1	3153	8.7	104352.9	-0507.2	3243	9.7	110828.4	-0500.8	3333	8.7	113423.2	-0552.5
3064	9.3	101929.2	-0536.1	3154	9.2	104432.1	-0501.1	3244	9.8	110845.8	-0515.0	3334	8.7	113428.4	-0514.0
3065	10.	101929.2	-0534.4	3155	9.8	104449.5	-0513.2	3245	9.8	110901.0	-0558.0	3335	10.	113503.3	-0507.5
3066	9.5	101937.3	-0508.6	3156	9.7	104510.7	-0531.6	3246	9.4	110942.7	-0543.7	3336	9.2	113509.5	-0550.0
3067	9.1	101939.8	-0550.2	3157	9.4	104512.0	-0542.1	3247	9.0	110943.1	-0552.7	3337	9.3	113513.2	-0557.8
3068	10.	102024.4	-0540.4	3158	9.8	104519.3	-0547.7	3248	8.9	111024.5	-0504.2	3338	8.5	113523.8	-0536.6
3069	10.	102027.2	-0516.8	3159	9.6	104611.6	-0526.8	3249	9.4	111028.6	-0557.6	3339	10.	113606.2	-0556.5
3070	9.8	102033.2	-0544.1	3160	9.4	104636.2	-0529.5	3250	8.3	111103.3	-0506.1	3340	6.5	113630.3	-0551.8
3071	8.0	102058.6	-0551.0	3161	8.7	104653.4	-0557.5	3251	9.8	111121.2	-0512.7	3341	9.7	113635.9	-0502.9
3072	9.5	102101.4	-0511.3	3162	9.7	104657.5	-0551.9	3252	9.8	111126.7	-0517.9	3342	9.0	113658.3	-0545.3
3073	7.7	102116.9	-0533.8	3163	9.8	104726.4	-0508.8	3253	10.	111158.1	-0502.6	3343	10.	113702.7	-0531.1
3074	9.5	102126.9	-0514.4	3164	9.3	104730.3	-0547.8	3254	9.0	111159.2	-0508.6	3344	9.8	113738.4	-0502.5
3075	9.9	102236.7	-0542.9	3165	9.0	104758.3	-0504.8	3255	9.3	111209.7	-0526.9	3345	9.8	113743.2	-0554.7
3076	9.6	102325.9	-0521.3	3166	9.0	104837.4	-0551.4	3256	9.8	111210.6	-0538.0	3346	8.2	113753.6	-0541.6
3077	9.0	102401.2	-0538.7	3167	9.7	104846.3	-0505.4	3257	9.7	111247.0	-0559.7	3347	9.2	113826.3	-0516.6
3078	9.4	102406.8	-0540.4	3168	9.6	104910.7	-0507.0	3258	9.8	111350.2	-0529.2	3348	10.	113833.3	-0517.3
3079	10.	102447.7	-0503.8	3169	9.3	104917.4	-0507.2	3259	9.6	111401.9	-0507.2	3349	8.3	113844.5	-0549.9
3080	7.2	102510.8	-0519.6	3170	9.5	104921.1	-0518.5	3260	9.3	111402.8	-0507.6	3350	9.5	113918.0	-0543.0
3081	9.8	102527.5	-0519.5	3171	9.7	104924.3	-0505.0	3261	9.3	111442.2	-0508.4	3351	9.8	113934.2	-0521.0
3082	9.5	102528.4	-0513.8	3172	9.0	104947.7	-0530.1	3262	10.	111505.7	-0520.9	3352	9.8	113953.7	-0512.1
3083	9.9	102529.2	-0514.8	3173	8.6	104947.8	-0543.5	3263	9.4	111510.8	-0516.9	3353	8.3	114008.8	-0539.9
3084	9.3	102541.4	-0527.3	3174	10.	105015.7	-0506.5	3264	10.	111514.0	-0552.9	3354	9.8	114016.8	-0525.0
3085	10.	102551.1	-0558.6	3175	9.3	105020.9	-0554.7	3265	9.1	111525.9	-0524.2	3355	9.0	114028.8	-0526.2
3086	10.	102553.3	-0520.4	3176	9.4	105108.3	-0557.8	3266	9.3	111538.8	-0532.1	3356	9.5	114039.5	-0501.6
3087	9.4	102610.2	-0551.9	3177	10.	105109.5	-0507.6	3267	9.5	111542.2	-0529.4	3357	9.5	114059.7	-0531.4
3088	9.4	102615.9	-0525.7	3178	9.0	105114.7	-0535.9	3268	9.8	111606.0	-0557.8	3358	9.2	114104.8	-0501.8
3089	9.0	102627.0	-0537.9	3179	10.	105146.4	-0511.8	3269	9.7	111609.7	-0514.7	3359	9.3	114118.7	-0525.7
3090	10.	102631.2	-0517.8	3180	9.8	105217.1	-0524.8	3270	9.7	111613.1	-0516.5	3360	9.8	114123.8	-0517.2
3091	9.8	102643.1	-0551.3	3181	10.	105241.3	-0530.1	3271	9.3	111626.3	-0551.4	3361	10.	114130.3	-0533.1
3092	9.8	102702.9	-0531.3	3182	8.5	105253.9	-0501.7	3272	9.5	111628.6	-0527.9	3362	10.	114227.2	-0506.3
3093	9.1	102712.7	-0517.3	3183	9.8	105327.0	-0518.9	3273	9.8	111643.5	-0534.9	3363	9.9	114232.8	-0511.0
3094	9.1	102727.2	-0552.8	3184	9.2	105424.1	-0530.2	3274	9.5	111643.8	-0555.4	3364	9.3	114243.8	-0512.6
3095	9.8	102728.9	-0546.6	3185	9.8	105432.6	-0531.2	3275	7.0	111700.2	-0506.3	3365	10.	114247.1	-0502.6
3096	9.2	102732.2	-0547.7	3186	9.5	105432.7	-0549.7	3276	8.8	111726.7	-0558.3	3366	10.	114257.2	-0552.8
3097	9.1	102805.9	-0530.8	3187	10.	105446.4	-0510.7	3277	9.8	111738.3	-0555.7	3367	8.0	114305.2	-0524.0
3098	9.8	102815.6	-0547.5	3188	10.	105449.7	-0535.0	3278	8.8	111752.7	-0504.2	3368	9.9	114322.2	-0543.5
3099	9.8	102836.3	-0523.5	3189	7.7	105525.2	-0536.8	3279	9.8	111802.9	-0532.5	3369	9.3	114333.6	-0519.6
3100	9.7	102847.1	-0545.4	3190	9.6	105544.6	-0526.3	3280	9.8	111807.1	-0537.0	3370	8.5	114336.8	-0523.5
3101	10.	102851.2	-0505.3	3191	9.8	105556.8	-0506.7	3281	8.9	111808.5	-0512.5	3371	9.1	114404.1	-0549.5
3102	9.8	102854.8	-0521.2	3192	10.	105636.5	-0520.5	3282	9.4	111819.2	-0527.6	3372	9.4	114436.8	-0512.6
3103	9.1	102909.2	-0505.1	3193	8.4	105642.5	-0539.8	3283	9.6	111831.1	-0531.2	3373	9.1	114451.2	-0528.7
3104	8.9	102912.9	-0548.0	3194	9.3	105722.2	-0548.2	3284	9.7	111832.4	-0507.7	3374	10.	114501.7	-0531.5
3105	9.3	102914.2	-0532.9	3195	9.5	105751.5	-0516.9	3285	9.4	111847.8	-0557.0	3375	9.8	114516.5	-0526.0
3106	10.	102949.5	-0533.5	3196	8.0	105756.8	-0543.6	3286	9.5	111851.7	-0516.2	3376	9.9	114526.3	-0557.4
3107	9.1	103006.6	-0557.2	3197	8.4	105806.8	-0539.5	3287	10.	111901.5	-0537.6	3377	8.7	114533.7	-0525.8
3108	9.4	103030.5	-0538.6	3198	9.6	105834.9	-0502.8	3288	9.9	111913.2	-0549.7	3378	10.	114601.7	-0515.5
3109	9.6	103043.1	-0558.5	3199	9.0	105836.2	-0545.6	3289	9.4	111944.1	-0553.6	3379	9.3	114638.2	-0559.6
3110	8.8	103047.2	-0515.6	3200	10.	105931.2	-0536.8	3290	9.0	111951.5	-0549.8	3380	9.0	114651.5	-0522.2

-05 3381 11h46m

-05 3740 13h31m

3381	8.7	114659.8	-0558.7	3471	9.0	121111.4	-0550.6	3561	8.8	123716.6	-0522.2
3382	8.7	114720.2	-0509.1	3472	8.9	121116.2	-0552.0	3562	9.8	123845.7	-0512.9
3383	9.8	114725.7	-0517.2	3473	9.5	121135.7	-0505.2	3563	10.	123904.1	-0530.3
3384	9.2	114730.4	-0550.7	3474	10.	121203.9	-0548.8	3564	10.	123921.4	-0536.9
3385	9.0	114800.7	-0524.5	3475	8.8	121211.1	-0502.8	3565	9.5	123925.5	-0549.3
3386	9.4	114801.5	-0509.5	3476	8.7	121257.2	-0544.9	3566	10.	123935.7	-0533.2
3387	10.	114840.7	-0514.6	3477	9.8	121300.7	-0512.6	3567	10.	124002.8	-0516.7
3388	9.1	114842.2	-0517.3	3478	9.5	121323.4	-0519.7	3568	8.8	124003.1	-0505.6
3389	9.5	114917.1	-0536.7	3479	9.6	121335.3	-0543.4	3569	6.3	124004.4	-0530.2
3390	9.5	114937.4	-0501.6	3480	9.5	121353.6	-0507.1	3570	9.8	124033.7	-0512.9
3391	9.4	114950.2	-0536.7	3481	9.5	121358.0	-0537.9	3571	8.8	124042.5	-0509.8
3392	9.9	115005.6	-0542.3	3482	9.4	121406.3	-0505.2	3572	20.0	124107.5	-0500.6
3393	9.2	115036.4	-0519.2	3483	9.0	121416.9	-0521.8	3573	9.2	124107.7	-0505.7
3394	9.8	115107.2	-0519.1	3484	9.8	121430.9	-0542.7	3574	9.8	124122.2	-0559.1
3395	9.3	115115.1	-0521.2	3485	9.5	121448.1	-0537.4	3575	9.1	124133.2	-0555.1
3396	7.8	115136.3	-0550.7	3486	10.	121517.1	-0521.9	3576	10.	124138.0	-0501.8
3397	9.1	115138.7	-0523.1	3487	7.2	121600.7	-0518.7	3577	8.9	124146.1	-0501.7
3398	10.	115206.1	-0557.4	3488	9.4	121643.1	-0510.7	3578	9.0	124209.1	-0517.4
3399	9.1	115217.6	-0525.8	3489	9.8	121645.2	-0506.6	3579	9.7	124211.2	-0548.8
3400	9.4	115226.1	-0530.5	3490	9.7	121658.2	-0530.6	3580	9.8	124238.5	-0546.7
3401	10.	115313.7	-0510.5	3491	10.	121728.6	-0555.4	3581	8.9	124310.9	-0540.1
3402	9.5	115406.7	-0503.9	3492	9.3	121758.8	-0524.5	3582	8.5	124326.1	-0516.3
3403	8.2	115430.1	-0528.3	3493	9.2	121800.5	-0548.0	3583	9.5	124347.2	-0543.4
3404	9.8	115445.6	-0544.3	3494	9.4	121822.0	-0526.3	3584	9.0	124404.8	-0533.1
3405	8.9	115453.5	-0501.6	3495	10.	121825.0	-0523.1	3585	8.4	124410.6	-0520.4
3406	7.8	115520.0	-0539.6	3496	9.8	121841.5	-0512.8	3586	9.3	124421.5	-0501.2
3407	10.	115536.1	-0528.4	3497	8.8	121900.0	-0513.9	3587	9.9	124432.3	-0555.3
3408	9.7	115537.0	-0530.4	3498	9.7	121907.7	-0550.2	3588	8.2	124443.1	-0517.9
3409	9.4	115552.7	-0558.5	3499	9.8	121926.4	-0526.7	3589	9.5	124449.1	-0549.2
3410	9.4	115607.0	-0546.0	3500	8.5	121931.7	-0515.1	3590	9.1	124537.2	-0513.9
3411	9.4	115613.7	-0534.7	3501	9.4	121933.6	-0540.1	3591	9.4	124541.3	-0510.3
3412	9.2	115614.4	-0537.2	3502	9.4	121935.2	-0525.6	3592	9.4	124550.3	-0509.4
3413	8.9	115726.1	-0523.5	3503	8.9	121941.1	-0543.7	3593	10.	124642.3	-0554.4
3414	9.4	115759.5	-0556.2	3504	9.8	122003.5	-0555.0	3594	9.8	124650.2	-0556.9
3415	10.	115808.0	-0510.1	3505	9.3	122034.0	-0551.9	3595	9.5	124650.8	-0508.4
3416	6.7	115809.1	-0502.0	3506	7.8	122123.9	-0543.9	3596	9.5	124728.6	-0532.7
3417	9.8	115819.3	-0528.2	3507	9.1	122133.1	-0547.5	3597	9.8	124736.2	-0504.1
3418	9.4	115820.4	-0544.1	3508	9.8	122141.2	-0533.4	3598	9.1	124826.3	-0516.6
3419	8.0	115823.8	-0502.8	3509	10.	122150.8	-0541.4	3599	9.8	124837.3	-0510.5
3420	8.8	115825.8	-0544.0	3510	9.7	122214.6	-0532.7	3600	8.5	124900.5	-0532.0
3421	9.4	115913.8	-0504.0	3511	9.6	122219.5	-0505.8	3601	9.5	124921.3	-0540.9
3422	8.7	115925.4	-0552.9	3512	9.2	122235.2	-0555.7	3602	9.0	125006.9	-0509.3
3423	7.8	115947.1	-0516.0	3513	7.5	122236.0	-0512.9	3603	8.6	125010.5	-0536.4
3424	7.0	115948.0	-0557.2	3514	9.8	122238.0	-0535.0	3604	9.0	125055.9	-0515.5
3425	9.4	115951.9	-0516.0	3515	9.1	122240.0	-0523.4	3605	7.3	125129.8	-0518.2
3426	10.	115952.9	-0554.8	3516	8.7	122256.5	-0513.6	3606	9.4	125200.0	-0536.6
3427	9.5	115953.5	-0502.7	3517	9.5	122310.1	-0528.1	3607	10.	125244.7	-0517.5
3428	9.5	115957.1	-0531.7	3518	9.3	122312.4	-0515.2	3608	9.5	125302.2	-0517.5
3429	9.0	120012.7	-0504.4	3519	9.6	122420.5	-0510.7	3609	9.4	125307.9	-0547.3
3430	9.3	120022.8	-0540.3	3520	9.8	122442.3	-0520.8	3610	10.	125322.7	-0518.4
3431	9.5	120034.3	-0555.4	3521	9.1	122503.1	-0517.6	3611	9.5	125328.9	-0525.4
3432	9.2	120112.5	-0501.8	3522	9.8	122503.6	-0508.7	3612	9.4	125335.7	-0519.6
3433	9.3	120152.8	-0520.0	3523	10.	122519.9	-0559.4	3613	10.	125356.8	-0506.8
3434	9.9	120200.3	-0523.8	3524	9.6	122541.6	-0529.5	3614	9.5	125409.6	-0549.3
3435	9.9	120209.1	-0552.5	3525	9.0	122602.1	-0545.5	3615	9.6	125419.9	-0511.0
3436	9.5	120219.3	-0528.9	3526	7.8	122627.9	-0558.6	3616	8.8	125516.2	-0544.5
3437	9.4	120220.8	-0531.6	3527	9.7	122632.8	-0559.9	3617	9.5	125530.4	-0515.2
3438	9.1	120242.3	-0529.0	3528	9.6	122643.7	-0522.5	3618	9.0	125542.9	-0520.4
3439	9.2	120255.4	-0539.3	3529	9.8	122717.6	-0527.0	3619	8.2	125553.2	-0539.0
3440	9.4	120314.0	-0547.7	3530	9.1	122734.4	-0553.3	3620	9.5	125618.3	-0558.5
3441	10.	120333.3	-0510.7	3531	9.5	122826.9	-0510.6	3621	8.5	125641.8	-0553.2
3442	8.2	120342.3	-0544.8	3532	9.1	122844.9	-0537.1	3622	9.2	125653.8	-0539.5
3443	9.7	120346.9	-0503.9	3533	9.8	122902.6	-0556.5	3623	10.	125714.4	-0549.4
3444	8.0	120353.8	-0506.8	3534	8.3	122906.3	-0516.1	3624	9.6	125731.3	-0517.5
3445	10.	120359.1	-0529.4	3535	5.9	122919.5	-0501.4	3625	8.3	125754.6	-0526.4
3446	9.5	120401.9	-0553.8	3536	9.0	122919.7	-0517.4	3626	9.6	125808.2	-0558.0
3447	9.4	120414.2	-0559.2	3537	9.7	123017.9	-0537.3	3627	10.	125815.7	-0524.5
3448	9.4	120448.8	-0529.9	3538	9.1	123038.4	-0547.7	3628	9.8	125847.2	-0553.2
3449	9.4	120455.3	-0509.7	3539	9.8	123122.9	-0531.9	3629	9.4	125917.9	-0510.7
3450	9.2	120458.7	-0532.4	3540	9.5	123153.1	-0548.2	3630	10.	125918.3	-0505.6
3451	9.5	120529.6	-0559.7	3541	9.1	123156.3	-0525.5	3631	9.5	125922.0	-0532.3
3452	9.5	120620.1	-0528.1	3542	6.5	123201.2	-0518.0	3632	9.4	125925.3	-0539.7
3453	9.1	120622.8	-0541.4	3543	8.5	123240.9	-0511.0	3633	9.3	125937.4	-0522.0
3454	10.	120647.4	-0541.0	3544	9.8	123246.5	-0550.0	3634	7.8	125941.2	-0518.2
3455	9.1	120651.7	-0550.7	3545	9.1	123249.1	-0533.0	3635	9.3	125958.0	-0509.1
3456	30.0	120710.4	-0513.8	3546	9.8	123301.0	-0546.9	3636	8.8	130029.5	-0530.3
3457	8.8	120712.2	-0552.6	3547	9.8	123342.7	-0521.0	3637	9.8	130108.0	-0531.4
3458	9.5	120738.1	-0501.9	3548	9.4	123351.2	-0520.3	3638	9.3	130117.9	-0504.3
3459	8.5	120807.2	-0507.6	3549	9.5	123402.4	-0553.7	3639	9.3	130118.3	-0503.8
3460	10.	120812.6	-0511.9	3550	8.3	123418.9	-0536.8	3640	8.0	130119.4	-0513.1
3461	9.5	120822.1	-0536.2	3551	9.7	123450.6	-0548.0	3641	8.5	130120.5	-0540.3
3462	9.8	120824.5	-0532.9	3552	9.7	123459.0	-0520.8	3642	10.	130129.9	-0504.8
3463	8.0	120826.4	-0520.8	3553	9.5	123503.3	-0527.9	3643	9.3	130210.7	-0517.3
3464	9.5	120848.9	-0523.1	3554	9.8	123547.7	-0521.7	3644	9.0	130228.9	-0500.0
3465	8.1	120855.9	-0501.9	3555	10.	123556.9	-0549.2	3645	9.7	130252.9	-0519.8
3466	9.3	120856.4	-0549.4	3556	9.3	123602.0	-0528.1	3646	9.3	130308.5	-0538.6
3467	9.1	121016.2	-0529.6	3557	9.7	123631.3	-0538.2	3647	9.8	130325.1	-0544.2
3468	8.2	121027.1	-0536.9	3558	9.7	123657.5	-0539.9	3648	10.	130355.0	-0558.7
3469	9.8	121050.9	-0540.6	3559	10.	123703.5	-0547.2	3649	9.2	130409.2	-0501.5
3470	9.6	121054.2	-0521.6	3560	9.4	123715.6	-0548.5	3650	10.	130423.0	-0546.5
3651	10.	130440.3	-0534.1								
3652	9.2	130444.2	-0510.6								
3653	8.8	130451.2	-0543.8								
3654	10.	130527.1	-0544.2								
3655	9.2	130527.6	-0518.3								
3656	9.1	130548.6	-0516.7								
3657	9.5	130625.3	-0529.0								
3658	8.9	130628.9	-0502.7								
3659	9.2	130659.4	-0512.0								
3660	9.6	130714.1	-0513.2								
3661	9.8	130727.5	-0555.0								
3662	10.	130735.3	-0529.0								
3663	10.	130850.5	-0510.1								
3664	9.8	130919.3	-0555.6								
3665	8.7	131004.2	-0537.8								
3666	10.	131019.6	-0500.8								
3667	9.5	131035.3	-0535.1								
3668	8.1	131047.1	-0501.1								
3669	7.5	131101.8	-0530.0								
3670	9.8	131134.3	-0530.8								
3671	9.5	131138.5	-0515.6								
3672	9.3	131145.9	-0554.2								
3673	7.9	131213.4	-0546.5								
3674	9.4	131217.7	-0511.7								
3675	9.1	131402.5	-0554.9								
3676	9.9	131422.2	-0545.4								
3677	10.	131433.4	-0531.4								
3678	7.2	131459.3	-0526.2								
3679	9.3	131512.6	-0516.6								
3680	8.9	131539.7	-0500.4								
3681	10.	131543.4	-0516.8								
3682	9.8	131601.6	-0545.1								
3683	10.	131620.8	-0557.1								
3684	8.5	131659.9	-0526.0								
3685	9.7	131725.4	-0519.6								
3686	9.1	131730.1	-0553.0								
3687	9.5	131803.2	-0509.8								
3688	10.	131829.3	-0527.7								
3689	10.	131833.3	-0530.8								
3690	10.	131838.3	-0529.3								
3691	10.	131849.8	-0557.5								
3692	9.3	131859.1	-0534.8								
3693	8.3	131914.2	-0532.6								
3694	7.8	131921.2	-0510.5								
3695	10.	131923.5	-0513.9								
3696	10.	131929.5	-0506.3								
3697	9.6	132022.6	-0536.9								
3698	10.	132025.2	-0534.5								
3699	10.	132041.2	-0532.3								
3700	10.	132050.3	-0517.0								
3701	9.0	132108.8	-0528.1								
3702	7.0	132130.6	-0512.0								
3703	9.6	132222.0	-0535.8								
3704	9.7	132235.7	-0554.0								
3705	10.	132242.4	-0508.2								
3706	6.6	132252.9	-0543.3								
3707	9.4	132258.1	-0536.1								
3708	9.7	132304.3	-0521.1								
3709	10.	132317.9	-0501.6								
3710	9.1	132345.3	-0525.7								
3711	9.7	132352.2	-0531.5								
3712	10.	132407.4	-0509.2								
3713	8.2	132419.0	-0515.9								
3714	5.5	132426.1	-0530.2								
3715	8.9	132428.4	-0501.0								
3716	9.3	132444.5	-0549.5								
3717	9.2	132457.7	-0511.6								
3718	10.	132458.1	-0541.7								
3719	9.8	132500.7	-0557.5								
3720	9.7	132540.2	-0523.6								
3721	10.	132608.4	-0511.8								
3722	10.	132701.3	-0526.6								
3723	9.6	132714.0	-0556.2								
3724	10.	132719.4	-0500.9								
3725	9.3	132722.9	-0522.0								
3726	10.	132723.1	-0501.7								
3727	10.	132724.2	-0506.8								
3728	9.7	132732.1	-0502.1								
3729	9.8	132800.8	-0546.7								
3730	8.0	132810.2	-0524.9								
3731	10.	132850.6	-0544.8								
3732	10.	132852.4	-0510.4								
3733	9.5	132856.6	-0506.8								
3734	8.9	132913.4	-0548.9								
3735	8.7	132943.1	-0508.7								
3736	10.	132944.2	-0531.0								
3737	8.1	133005.0	-0554.6								
3738	9.8	133011.6	-0506.8								
3739	9.5	133032.2	-0536.9								
3740	10.	133124.2	-0529.8								

3741	9.3	133210.7	-0535.9	3831	9.5	140546.9	-0541.0	3921	9.8	143238.2	-0549.1	4011	8.8	145917.3	-0516.5
3742	9.5	133231.2	-0536.5	3832	10.	140552.8	-0551.7	3922	9.8	143238.3	-0555.8	4012	9.7	145947.8	-0516.7
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3744	9.6	133258.0	-0502.0	3834	9.2	140605.7	-0547.0	3924	9.2	143302.8	-0516.2	4014	9.6	150002.0	-0556.5
3745	9.0	133302.2	-0532.5	3835	9.0	140622.8	-0511.0	3925	9.8	143308.1	-0509.2	4015	9.8	150026.3	-0514.5
3746	9.3	133326.6	-0512.9	3836	9.1	140632.4	-0524.0	3926	9.5	143312.8	-0542.5	4016	9.2	150035.4	-0523.4
3747	8.5	133329.7	-0537.1	3837	7.3	140648.4	-0515.9	3927	8.3	143321.5	-0549.6	4017	7.5	150110.0	-0536.3
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3749	9.8	133351.1	-0513.0	3839	10.	140757.2	-0554.3	3929	9.5	143331.1	-0505.4	4019	9.6	150119.3	-0532.8
3750	10.	133424.6	-0558.2	3840	9.3	140804.6	-0526.0	3930	8.9	143333.2	-0525.1	4020	9.5	150122.2	-0507.3
3751	10.	133451.4	-0513.2	3841	9.3	140804.6	-0543.8	3931	9.2	143345.5	-0550.9	4021	9.0	150142.8	-0540.6
3752	10.	133459.3	-0519.9	3842	9.8	140808.7	-0558.1	3932	9.3	143346.5	-0548.7	4022	9.4	150200.7	-0559.9
3753	10.	133509.4	-0546.8	3843	4.5	140825.1	-0518.4	3933	9.6	143400.2	-0523.1	4023	9.5	150224.4	-0537.8
3754	9.3	133534.7	-0549.3	3844	10.	140838.7	-0540.8	3934	8.3	143502.7	-0520.6	4024	9.5	150232.3	-0541.4
3755	9.0	133610.2	-0527.2	3845	6.3	140845.6	-0556.5	3935	9.3	143504.1	-0521.0	4025	9.4	150257.0	-0542.2
3756	8.7	133712.7	-0526.2	3846	9.4	140848.2	-0507.5	3936	4.2	143525.6	-0501.5	4026	9.5	150327.2	-0502.1
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3760	8.8	133824.7	-0543.3	3850	9.5	141005.8	-0529.9	3940	10.	143610.9	-0545.0	4030	9.5	150438.6	-0548.8
3761	9.8	133926.7	-0546.6	3851	10.	141014.0	-0536.7	3941	7.6	143645.7	-0546.2	4031	9.4	150506.3	-0520.9
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3763	9.6	133953.6	-0523.4	3853	9.1	141121.0	-0555.2	3943	9.0	143711.6	-0520.7	4033	8.9	150616.2	-0513.1
3764	9.2	134132.6	-0540.0	3854	9.8	141139.5	-0554.3	3944	9.1	143820.0	-0541.6	4034	8.1	150649.8	-0524.3
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3766	8.8	134348.8	-0504.4	3856	10.	141158.5	-0538.8	3946	9.8	143902.3	-0521.5	4036	9.3	150708.2	-0500.7
3767	9.4	134350.9	-0519.4	3857	9.6	141208.7	-0507.7	3947	9.8	143916.7	-0558.6	4037	9.5	150713.7	-0555.7
3768	9.9	134402.0	-0504.7	3858	9.8	141214.1	-0526.4	3948	8.8	143925.3	-0525.6	4038	8.7	150716.3	-0522.7
3769	10.	134406.0	-0522.9	3859	9.1	141226.6	-0552.1	3949	9.3	143931.4	-0539.5	4039	9.0	150803.5	-0551.6
3770	9.8	134430.6	-0537.1	3860	9.4	141241.8	-0522.1	3950	9.6	143958.7	-0520.0	4040	8.8	150816.3	-0504.7
3771	9.1	134501.2	-0511.9	3861	10.	141321.9	-0548.2	3951	9.4	144015.5	-0511.1	4041	9.5	150819.9	-0530.8
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3773	9.8	134516.2	-0500.1	3863	9.2	141332.1	-0519.2	3953	8.0	144143.9	-0511.1	4043	9.8	150850.4	-0541.7
3774	8.3	134519.9	-0546.3	3864	8.8	141341.7	-0509.5	3954	9.8	144220.9	-0501.1	4044	8.9	150915.8	-0518.5
3775	7.5	134603.5	-0528.3	3865	10.	141413.1	-0526.4	3955	9.4	144223.8	-0546.6	4045	9.5	150936.8	-0559.1
3776	8.5	134636.5	-0503.6	3866	9.6	141427.8	-0500.2	3956	9.8	144235.4	-0507.8	4046	9.5	150956.3	-0523.1
3777	8.0	134722.5	-0510.0	3867	9.5	141428.5	-0510.0	3957	9.0	144404.7	-0539.5	4047	9.3	151020.6	-0559.4
3778	8.4	134725.4	-0500.7	3868	8.0	141533.8	-0533.9	3958	9.9	144408.0	-0550.3	4048	9.7	151027.2	-0546.5
3779	9.0	134834.7	-0547.0	3869	8.4	141535.0	-0551.9	3959	9.6	144450.8	-0540.6	4049	9.7	151031.4	-0530.5
3780	8.3	134848.3	-0541.7	3870	10.	141624.1	-0528.7	3960	9.8	144519.5	-0553.2	4050	9.5	151032.4	-0503.4
3781	9.0	134855.2	-0509.6	3871	9.8	141637.8	-0541.1	3961	9.5	144556.9	-0518.8	4051	9.4	151043.2	-0504.7
3782	9.0	134859.5	-0523.5	3872	9.8	141720.3	-0540.6	3962	9.1	144646.3	-0501.2	4052	9.5	151152.7	-0514.6
3783	9.5	134927.5	-0512.8	3873	9.8	141721.7	-0510.3	3963	9.4	144720.9	-0503.6	4053	8.9	151208.5	-0557.5
3784	10.	134938.3	-0508.2	3874	9.4	141730.7	-0502.1	3964	9.8	144731.1	-0528.2	4054	9.4	151229.6	-0544.7
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3787	9.1	135047.7	-0542.1	3877	9.0	141916.8	-0511.7	3967	9.4	144906.1	-0541.1	4057	6.0	151328.8	-0517.6
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3791	8.9	135129.2	-0553.9	3881	8.8	142013.7	-0503.2	3971	8.0	144930.6	-0555.2	4061	9.1	151459.2	-0513.7
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3794	8.9	135257.5	-0541.4	3884	9.5	142101.6	-0545.6	3974	9.2	145033.7	-0544.8	4064	9.8	151627.4	-0554.4
3795	8.6	135330.8	-0546.0	3885	9.5	142105.0	-0557.9	3975	9.8	145038.6	-0546.3	4065	9.4	151636.5	-0505.6
3796	9.0	135415.5	-0541.7	3886	9.2	142125.3	-0501.8	3976	9.2	145046.7	-0540.3	4066	9.0	151644.5	-0542.0
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3798	8.0	135522.8	-0548.5	3888	9.2	142154.0	-0523.1	3978	8.9	145100.8	-0513.0	4068	9.5	151713.4	-0503.1
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3808	9.5	135859.3	-0509.7	3898	9.2	142359.4	-0557.9	3988	9.4	145334.4	-0504.5	4078	8.8	151906.7	-0523.9
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3810	10.	135955.0	-0542.7	3900	10.	142452.0	-0545.4	3990	9.9	145347.7	-0528.1	4080	9.5	152011.7	-0559.9
3811	9.0	140015.9	-0536.5	3901	9.5	142503.2	-0515.1	3991	9.8	145348.1	-0512.5	4081	7.8	152031.4	-0555.5
3812	9.2	140050.3	-0508.8	3902	9.8	142525.4	-0553.1	3992	9.6	145350.1	-0535.8	4082	9.8	152039.2	-0521.5
3813	9.1	140054.7	-0547.3	3903	8.8	142535.2	-0509.3	3993	9.5	145442.9	-0549.9	4083	7.9	152042.8	-0529.9
3814	9.5	140120.5	-0503.9	3904	9.8	142706.6	-0558.2	3994	9.2	145501.0	-0502.2	4084	9.2	152051.6	-0508.2
3815	10.	140121.1	-0528.0	3905	9.3	142715.9	-0521.0	3995	9.5	145521.8	-0544.9	4085	9.8	152053.7	-0527.0
3816	9.8	140129.6	-0554.3	3906	9.5	142726.5	-0503.6	3996	9.5	145535.3	-0553.3	4086	7.8	152116.1	-0545.9
3817	10.	140143.0	-0533.8	3907	9.3	142737.5	-0548.5	3997	9.3	145535.6	-0504.0	4087	9.4	152206.3	-0503.1
3818	9.6	140147.3	-0520.2	3908	9.6	142739.0	-0542.0	3998	9.5	145542.9	-0517.2	4088	10.	152233.4	-0527.3
3819	9.6	140207.8	-0510.7	3909	7.5	142750.6	-0511.4	3999	9.0	145553.4	-0519.9	4089	8.8	152309.2	-0518.6
3820	9.7	140233.0	-0508.7	3910	9.9	142820.2	-0519.9	4000	9.0	145618.8	-0555.2	4090	8.9	152322.9	-0553.5
3821	9.6	140239.0	-0506.9	3911	9.5	143005.9	-0517.7	4001	9.5	145625.5	-0548.7	4091	9.6	152341.1	-0501.2
3822	9.3	140243.9	-0536.7	3912	9.3	143015.7	-0552.0	4002	9.4	145633.0	-0530.1	4092	9.0	152348.9	-0551.8
3823	7.3	140252.7	-0552.2	3913	8.8	143056.3	-0504.0	4003	8.8	145643.5	-0532.3	4093	9.2	152415.8	-0552.0
3824	6.8	140322.3	-0517.3	3914	9.8	143058.4	-0546.0	4004	9.5	145652.9	-0513.2	4094	9.6	152447.2	-0525.2
3825	7.2	140405.3	-0510.1	3915	9.2	143058.7	-0524.6	4005	8.8	145704.6	-0536.5	4095	9.6	152449.8	-0527.5
3826	7.7	140417.9	-0526.8	3916	7.8	143123.1	-0509.2	4006	9.1	145716.5	-0548.8	4096	9.4	152458.1	-0540.9
3827	8.7	140426.8	-0511.0	3917	9.8	143123.7	-0541.7	4007	9.6	145815.4	-0536.1	4097	9.8	152538.9	-0505.0
3828	9.4	140440.3	-0512.8	3918	9.8	143124.0	-0521.5	4008	9.7	145820.6	-0504.6	4098	9.4	152558.1	-0510.4
3829	8.7	140504.2	-0540.4	3919	9.3	143146.1	-0524.0	4009	9.7	145847.1	-0542.7	4099	9.2	152634.2	-0516.9
3830	9.6	140504.4	-0543.1	3920	9.5	143201.9	-0558.1	4010	9.7	145852.5	-0537.7	4100	6.5	152641.1	-0512.2

4101	9.6	152706.3	-0528.1	4191	9.4	154736.7	-0554.3	4281	9.9	161248.3	-0536.0	4371	9.7	164626.4	-0544.9
4102	9.8	152711.9	-0556.0	4192	9.3	154802.4	-0539.9	4282	8.3	161434.7	-0519.8	4372	9.2	164634.9	-0537.7
4103	9.8	152720.3	-0530.6	4193	9.2	154810.0	-0516.9	4283	9.4	161435.6	-0514.6	4373	9.4	164643.1	-0541.8
4104	9.0	152734.7	-0527.2	4194	9.5	154813.1	-0547.3	4284	9.4	161444.0	-0514.9	4374	5.3	164651.0	-0554.6
4105	9.9	152740.6	-0515.6	4195	9.2	154817.6	-0538.9	4285	10.	161530.4	-0543.2	4375	8.8	164658.0	-0528.0
4106	9.8	152748.2	-0521.4	4196	9.3	154908.3	-0545.0	4286	9.3	161610.4	-0504.7	4376	8.9	164719.4	-0541.5
4107	9.1	152750.0	-0525.5	4197	9.8	154913.5	-0515.9	4287	9.6	161620.1	-0503.0	4377	9.5	164743.1	-0542.5
4108	9.3	152750.1	-0538.8	4198	9.5	154918.0	-0547.7	4288	9.6	161703.4	-0559.5	4378	7.5	164803.0	-0553.2
4109	9.3	152750.8	-0530.1	4199	7.0	154925.8	-0552.8	4289	9.4	161712.4	-0542.9	4379	9.3	164810.1	-0543.1
4110	9.4	152757.8	-0505.1	4200	9.0	154937.1	-0532.5	4290	9.6	161720.8	-0513.8	4380	9.8	164846.3	-0513.3
4111	9.5	152804.2	-0522.2	4201	8.8	154939.6	-0548.0	4291	9.2	161724.9	-0507.5	4381	9.1	164848.0	-0554.0
4112	7.8	152830.6	-0554.0	4202	9.7	154947.6	-0540.9	4292	7.8	161755.4	-0533.4	4382	9.5	164851.3	-0510.2
4113	9.3	152830.7	-0518.3	4203	9.1	155017.3	-0545.0	4293	8.4	161805.9	-0545.8	4383	8.9	164928.5	-0527.4
4114	8.0	152844.2	-0521.6	4204	9.8	155021.5	-0551.4	4294	9.0	161807.8	-0516.2	4384	9.5	164937.9	-0540.7
4115	9.4	152846.2	-0518.1	4205	9.4	155022.4	-0507.4	4295	9.5	161820.0	-0525.9	4385	9.3	164951.9	-0504.8
4116	9.8	152909.4	-0555.2	4206	8.3	155037.4	-0503.7	4296	9.3	161824.6	-0526.9	4386	9.8	164952.9	-0536.8
4117	7.0	152912.3	-0533.0	4207	9.6	155129.4	-0510.0	4297	9.3	161838.2	-0552.8	4387	9.4	165011.5	-0504.8
4118	8.8	152919.1	-0506.1	4208	9.1	155138.9	-0508.4	4298	9.3	161902.3	-0503.2	4388	9.4	165033.4	-0500.9
4119	8.6	152924.7	-0527.0	4209	9.8	155147.5	-0514.8	4299	9.7	162036.8	-0558.9	4389	9.0	165128.4	-0541.3
4120	9.8	152925.8	-0537.5	4210	7.0	155203.6	-0542.6	4300	9.2	162037.1	-0532.3	4390	8.6	165146.8	-0536.4
4121	9.1	152945.8	-0550.1	4211	9.8	155214.0	-0520.0	4301	9.5	162040.7	-0531.4	4391	9.8	165222.9	-0557.8
4122	9.0	152953.7	-0545.2	4212	9.5	155224.5	-0531.4	4302	9.3	162045.6	-0536.9	4392	9.8	165426.0	-0527.6
4123	9.0	153006.1	-0514.9	4213	8.3	155252.4	-0514.2	4303	9.5	162047.6	-0539.5	4393	8.9	165454.6	-0528.1
4124	9.3	153012.2	-0522.5	4214	9.4	155258.5	-0524.0	4304	8.2	162107.0	-0507.4	4394	9.8	165506.0	-0551.3
4125	8.0	153034.7	-0539.3	4215	9.0	155317.1	-0533.0	4305	9.5	162119.1	-0536.4	4395	9.2	165615.4	-0506.5
4126	9.5	153039.2	-0553.7	4216	8.8	155357.9	-0517.1	4306	9.4	162124.5	-0512.5	4396	9.5	165635.3	-0546.6
4127	9.4	153044.0	-0549.2	4217	9.5	155440.1	-0504.9	4307	8.3	162128.0	-0507.5	4397	9.4	165705.5	-0502.7
4128	8.2	153104.1	-0550.7	4218	9.6	155445.4	-0510.0	4308	9.8	162134.7	-0557.8	4398	9.0	165712.6	-0523.6
4129	9.8	153108.7	-0528.5	4219	9.1	155448.2	-0526.6	4309	8.3	162243.8	-0546.5	4399	9.2	165808.4	-0530.4
4130	8.5	153120.6	-0532.9	4220	9.0	155455.6	-0536.8	4310	9.5	162254.6	-0505.0	4400	9.5	165818.1	-0525.5
4131	9.4	153148.5	-0508.8	4221	7.0	155521.6	-0525.5	4311	9.5	162329.3	-0502.3	4401	8.3	165823.9	-0558.0
4132	9.5	153152.3	-0559.9	4222	8.8	155629.2	-0521.6	4312	9.5	162408.9	-0518.2	4402	9.8	165824.6	-0540.7
4133	9.4	153157.2	-0541.9	4223	9.5	155641.5	-0525.7	4313	9.5	162415.0	-0550.6	4403	9.6	165827.3	-0540.7
4134	9.3	153234.6	-0518.6	4224	9.3	155645.8	-0555.1	4314	9.6	162450.0	-0504.5	4404	9.5	165838.7	-0557.9
4135	9.2	153249.7	-0537.5	4225	9.1	155648.1	-0513.3	4315	9.4	162457.6	-0554.0	4405	9.5	165844.4	-0531.0
4136	8.4	153310.0	-0509.7	4226	10.	155651.0	-0541.5	4316	9.0	162552.8	-0518.4	4406	9.3	165855.6	-0542.7
4137	9.4	153326.2	-0558.4	4227	8.9	155654.1	-0519.9	4317	9.2	162636.5	-0544.6	4407	9.5	165930.2	-0500.6
4138	9.2	153336.1	-0514.8	4228	9.7	155719.3	-0542.4	4318	7.8	162643.8	-0549.9	4408	8.8	170040.1	-0506.0
4139	8.0	153339.4	-0530.7	4229	9.5	155731.7	-0559.7	4319	9.7	162710.9	-0503.7	4409	8.0	170107.0	-0500.0
4140	9.8	153341.5	-0515.0	4230	9.1	155739.0	-0514.2	4320	8.9	162736.6	-0555.5	4410	9.3	170247.9	-0553.7
4141	9.6	153347.2	-0555.8	4231	7.8	155743.2	-0553.4	4321	8.2	162757.5	-0558.6	4411	9.3	170305.4	-0555.0
4142	9.8	153353.8	-0557.3	4232	8.9	155752.0	-0537.0	4322	9.5	162843.7	-0526.5	4412	8.3	170313.1	-0520.7
4143	7.0	153402.9	-0558.4	4233	9.5	155754.8	-0556.2	4323	7.8	162903.5	-0559.7	4413	9.2	170331.3	-0507.2
4144	9.8	153436.3	-0509.2	4234	6.3	155800.2	-0553.4	4324	8.5	162909.9	-0517.2	4414	9.4	170336.5	-0558.9
4145	9.0	153436.9	-0533.6	4235	6.7	155816.9	-0544.8	4325	9.1	162949.9	-0512.8	4415	9.8	170407.9	-0534.2
4146	10.	153442.6	-0544.7	4236	8.7	155819.7	-0503.6	4326	9.6	163002.2	-0504.4	4416	9.8	170435.9	-0504.2
4147	9.6	153451.2	-0548.5	4237	9.0	155326.8	-0508.9	4327	9.3	163014.8	-0545.5	4417	10.	170515.4	-0507.9
4148	9.3	153513.1	-0550.7	4238	9.9	155326.8	-0519.2	4328	9.0	163036.2	-0541.2	4418	9.5	170636.3	-0555.5
4149	9.8	153515.9	-0504.4	4239	9.8	155050.4	-0539.3	4329	9.1	163110.7	-0549.1	4419	9.7	170748.3	-0505.0
4150	9.6	153540.8	-0549.8	4240	9.0	155011.5	-0537.5	4330	9.8	163142.7	-0547.7	4420	9.4	170755.4	-0518.4
4151	9.0	153559.5	-0514.5	4241	9.1	155934.4	-0506.2	4331	9.4	163148.6	-0525.6	4421	9.6	170801.1	-0508.1
4152	9.6	153610.3	-0551.6	4242	9.4	155953.8	-0512.3	4332	10.	163157.3	-0544.8	4422	8.8	170959.0	-0502.7
4153	9.9	153628.7	-0546.8	4243	9.5	160018.1	-0559.6	4333	9.4	163203.5	-0556.5	4423	9.6	171027.0	-0512.2
4154	9.3	153635.4	-0547.8	4244	9.3	160056.4	-0552.8	4334	6.6	163217.3	-0547.2	4424	9.8	171027.5	-0526.9
4155	9.8	153638.7	-0536.6	4245	9.4	160057.0	-0549.6	4335	9.3	163252.1	-0554.0	4425	9.7	171034.4	-0500.2
4156	9.1	153640.8	-0522.3	4246	8.7	160123.7	-0519.0	4336	9.5	163300.9	-0513.8	4426	6.5	171213.4	-0545.2
4157	9.2	153642.5	-0514.7	4247	9.3	160130.6	-0526.1	4337	9.8	163311.7	-0502.3	4427	9.2	171218.4	-0513.7
4158	7.2	153745.7	-0541.3	4248	9.3	160149.8	-0502.1	4338	9.6	163325.5	-0553.8	4428	9.3	171230.1	-0506.1
4159	9.0	153758.7	-0537.4	4249	9.4	160254.5	-0532.4	4339	9.7	163414.4	-0518.7	4429	8.3	171235.3	-0520.9
4160	9.8	153900.1	-0523.1	4250	9.5	160323.5	-0504.1	4340	9.5	163419.6	-0551.0	4430	9.6	171317.4	-0551.1
4161	6.3	153903.3	-0540.3	4251	9.5	160330.7	-0543.8	4341	9.4	163540.8	-0525.0	4431	9.8	171355.1	-0558.8
4162	9.5	153930.4	-0545.8	4252	9.0	160350.9	-0512.1	4342	9.5	163605.7	-0502.9	4432	9.7	171440.3	-0508.3
4163	9.5	154014.6	-0533.6	4253	9.4	160433.0	-0506.6	4343	9.0	163613.2	-0522.7	4433	9.7	171450.4	-0511.7
4164	9.5	154043.5	-0515.3	4254	8.9	160512.2	-0555.0	4344	8.3	163643.2	-0524.8	4434	9.1	171450.4	-0530.4
4165	9.0	154046.6	-0522.7	4255	9.7	160538.8	-0543.7	4345	9.4	163651.8	-0525.9	4435	9.5	171538.7	-0553.5
4166	9.4	154116.2	-0544.1	4256	9.4	160540.4	-0537.1	4346	8.7	163709.6	-0501.9	4436	8.2	171539.6	-0517.8
4167	9.7	154120.5	-0518.8	4257	9.8	160547.0	-0543.3	4347	9.0	163759.2	-0541.1	4437	9.5	171559.2	-0531.5
4168	9.8	154128.9	-0528.4	4258	9.4	160553.5	-0508.8	4348	9.1	163837.3	-0550.9	4438	8.0	171633.0	-0511.0
4169	9.8	154138.3	-0555.5	4259	8.5	160600.4	-0551.3	4349	9.4	163856.8	-0520.0	4439	9.5	171638.0	-0529.6
4170	9.2	154204.6	-0521.7	4260	9.7	160655.7	-0543.4	4350	8.5	163939.0	-0557.6	4440	9.1	171712.2	-0553.6
4171	8.8	154221.3	-0503.8	4261	9.2	160703.5	-0530.0	4351	9.6	164012.6	-0533.2	4441	9.8	171715.9	-0512.4
4172	9.2	154223.1	-0529.3	4262	9.1	160728.2	-0521.8	4352	9.5	164033.4	-0510.8	4442	9.8	171718.2	-0509.3
4173	9.3	154235.6	-0524.9	4263	9.7	160800.7	-0501.2	4353	9.8	164034.3	-0503.9	4443	9.1	171820.1	-0529.6
4174	9.1	154246.7	-0542.3	4264	9.3	160815.5	-0530.7	4354	9.5	164038.5	-0536.1	4444	8.9	171824.3	-0517.3
4175	9.8	154259.5	-0518.6	4265	9.2	160827.9	-0508.6	4355	9.5	164056.8	-0541.2	4445	9.1	171918.0	-0559.0
4176	9.8	154301.0	-0535.1	4266	6.8	160907.0	-0507.4	4356	9.4	164128.4	-0509.1	4446	9.5	171932.3	-0536.4
4177	9.8	154302.7	-0543.3	4267	8.8	160917.9	-0551.6	4357	9.5	164150.7	-0542.0	4447	8.8	171939.0	-0536.6
4178	8.3	154314.2	-0553.1	4268	10.	160918.4	-0547.7	4358	9.4	164157.4	-0506.4	4448	9.3	172005.8	-0554.9
4179	9.2	154315.4	-0550.0	4269	9.6	160940.8	-0513.9	4359	9.4	164232.2	-0520.1	4449	8.5	172058.3	-0531.0
4180	9.9	154344.0	-0540.8	4270	8.1	160955.0	-0545.6	4360	8.8	164340.5	-0555.3	4450	6.6	172202.5	-0547.8
4181	9.0	154353.1	-0530.0	4271	9.0	161007.9	-0509.6	4361	9.8	164408.0	-0530.0	4451	9.5	172211.6	-0547.6
4182	8.5	154359.0	-0532.9	4272	9.2	161011.4	-0500.1	4362	9.5	164415.2	-0518.9	4452	9.5	172223.0	-0536.1
4183	9.5	154413.3	-0540.9	4273	9.2	161044.9	-0542.9	4363	9.8	164419.7	-0512.0	4453	8.7	172246.6	-0558.4
4184	9.7	154425.5	-0509.8	4274	9.5	161047.7	-0521.1	4364	7.8	164430.7	-0532.3	4454	8.5	172255.7	-0512.7
4185	9.0	154505.0	-0515.3	4275	9.3	161102.8	-0545.0	4365	9.8	164431.7	-0540.6	4455	9.1	172311.7	-0531.1
4186	9.0	154615.5	-0518.0	4276	8.9	161105.1	-0538.2	4366	10.	164449.2	-0537.3	4456	9.5	172342.8	-0554.9
4187	8.8	154632.5	-0513.8	4277	9.8	161118.8	-0540.3	4367	9.6	164540.4	-0559.8	4457	8.8	172403.9	-0533.1
4188	9.4	154703.5	-0543.1	4278	9.4	161127.8	-0545.4	4368	9.8	164601.9	-0536.0	4458	9.3	172449.8	-0555.2
4189	9.5	154705.6	-0519.8	4279	9.8	161132.4	-0547.6	4369	9.5	164614.6	-0548.8	4459	9.8	172455.3	-0531.8
4190	9.8	154727.2	-0556.3	4280	9.6	161151.5	-0546.5	4370	9.5	164616.8	-0543.5	4460	9.2	172524.7	-0531.0

4461	6.2	172545.6	-0537.8	4551	9.4	175252.4	-0553.8	4641	9.0	181424.3	-0520.6	4731	9.6	183410.6	-0503.9
4462	9.8	172603.4	-0501.7	4552	9.4	175252.6	-0533.1	4642	9.0	181434.9	-0515.9	4732	9.2	183446.4	-0517.8
4463	9.8	172621.7	-0546.8	4553	9.8	175257.3	-0554.7	4643	8.8	181441.4	-0508.5	4733	9.7	183452.2	-0550.9
4464	9.8	172729.8	-0559.1	4554	9.5	175259.3	-0535.5	4644	9.0	181456.7	-0546.3	4734	9.3	183511.2	-0558.2
4465	7.5	172744.6	-0550.0	4555	8.8	175310.2	-0518.4	4645	9.1	181534.0	-0527.8	4735	9.8	183530.5	-0509.3
4466	9.8	172844.1	-0545.9	4556	9.5	175356.0	-0500.4	4646	8.1	181538.9	-0513.0	4736	7.8	183539.2	-0550.0
4467	8.8	173010.7	-0505.2	4557	9.8	175359.8	-0556.5	4647	8.8	181539.4	-0558.5	4737	9.2	183541.0	-0555.1
4468	9.5	173015.2	-0530.4	4558	9.2	175419.7	-0520.6	4648	8.6	181540.2	-0539.1	4738	8.3	183546.5	-0536.3
4469	9.8	173016.0	-0526.1	4559	7.8	175438.1	-0543.8	4649	9.3	181550.1	-0551.6	4739	9.3	183603.2	-0532.3
4470	9.1	173043.7	-0513.2	4560	7.0	175502.7	-0520.9	4650	9.0	181633.9	-0556.3	4740	9.8	183613.6	-0539.0
4471	9.8	173052.7	-0527.2	4561	9.6	175522.6	-0546.3	4651	9.5	181643.0	-0525.4	4741	9.3	183626.5	-0508.8
4472	8.8	173104.4	-0535.0	4562	9.5	175522.8	-0537.0	4652	8.3	181649.1	-0504.2	4742	9.1	183633.2	-0501.2
4473	9.4	173104.7	-0520.8	4563	9.6	175526.6	-0551.3	4653	8.5	181717.4	-0521.2	4743	9.5	183654.4	-0512.8
4474	9.7	173117.2	-0547.8	4564	8.9	175615.8	-0557.4	4654	8.6	181745.4	-0543.1	4744	8.2	183701.1	-0519.6
4475	8.2	173118.9	-0525.5	4565	9.3	175627.7	-0520.3	4655	9.4	181827.5	-0538.6	4745	8.3	183721.5	-0538.6
4476	8.6	173147.5	-0546.2	4566	9.7	175717.3	-0539.8	4656	9.6	181827.5	-0536.1	4746	9.3	183726.0	-0558.4
4477	9.0	173220.7	-0518.0	4567	8.7	175756.0	-0536.6	4657	8.0	181852.2	-0540.7	4747	9.1	183733.5	-0532.6
4478	9.5	173224.7	-0524.0	4568	9.5	175816.9	-0553.7	4658	9.7	181920.1	-0551.4	4748	9.6	183756.0	-0544.4
4479	9.4	173254.0	-0545.2	4569	9.5	175837.8	-0546.6	4659	9.8	181939.6	-0556.7	4749	9.5	183800.9	-0518.6
4480	9.0	173303.6	-0515.5	4570	9.8	175844.0	-0535.1	4660	9.3	181944.8	-0540.1	4750	9.4	183815.4	-0544.5
4481	8.3	173323.8	-0555.9	4571	9.0	175857.9	-0504.7	4661	9.8	181954.4	-0514.1	4751	9.0	183817.6	-0547.8
4482	9.5	173326.2	-0535.0	4572	9.5	175934.5	-0530.8	4662	9.4	181958.9	-0518.6	4752	9.5	183840.7	-0500.5
4483	9.5	173340.2	-0532.2	4573	9.7	180018.3	-0558.0	4663	9.0	182005.1	-0540.9	4753	9.5	183859.5	-0537.5
4484	9.1	173355.1	-0512.6	4574	9.2	180028.1	-0558.9	4664	9.6	182013.5	-0528.2	4754	9.5	183901.2	-0503.4
4485	9.7	173443.1	-0545.4	4575	9.8	180039.6	-0543.0	4665	9.0	182038.4	-0553.8	4755	9.8	183919.9	-0522.7
4486	9.4	173520.8	-0557.2	4576	9.0	180048.7	-0504.4	4666	10.	182103.3	-0557.1	4756	9.2	183921.9	-0548.5
4487	9.1	173558.8	-0559.6	4577	8.3	180102.8	-0528.7	4667	8.8	182127.3	-0507.7	4757	9.5	183923.9	-0549.2
4488	7.4	173615.8	-0551.3	4578	9.3	180108.5	-0514.4	4668	9.8	182128.2	-0514.1	4758	9.6	183935.5	-0511.7
4489	9.4	173728.6	-0533.7	4579	9.4	180138.7	-0538.5	4669	9.4	182137.3	-0505.3	4759	9.5	183942.9	-0502.7
4490	9.5	173731.8	-0510.0	4580	9.2	180142.8	-0541.8	4670	9.4	182144.7	-0542.7	4760	30.0	183945.2	-0551.1
4491	9.2	173745.5	-0550.9	4581	9.4	180144.3	-0514.6	4671	9.5	182146.0	-0538.2	4761	9.5	183953.7	-0502.4
4492	9.8	173754.6	-0549.0	4582	7.5	180151.9	-0540.3	4672	9.8	182147.6	-0555.7	4762	9.5	184006.1	-0500.6
4493	9.3	173759.9	-0539.7	4583	9.5	180159.4	-0535.6	4673	9.3	182218.7	-0527.3	4763	9.8	184011.6	-0554.0
4494	9.8	173814.8	-0541.1	4584	9.4	180215.5	-0529.0	4674	9.4	182221.4	-0500.2	4764	9.7	184014.0	-0548.2
4495	9.2	173834.3	-0540.5	4585	9.4	180333.5	-0538.8	4675	6.2	182229.3	-0548.9	4765	9.7	184015.0	-0552.6
4496	9.6	173853.4	-0501.8	4586	6.3	180343.4	-0513.7	4676	9.3	182258.3	-0546.7	4766	9.3	184033.0	-0531.1
4497	9.4	173859.3	-0538.2	4587	9.0	180351.0	-0546.5	4677	8.3	182311.6	-0506.0	4767	9.3	184038.4	-0514.4
4498	9.5	173912.8	-0556.3	4588	9.4	180406.8	-0505.3	4678	7.3	182324.0	-0553.1	4768	8.3	184040.0	-0505.4
4499	9.5	173913.4	-0538.0	4589	7.0	180410.7	-0539.0	4679	9.2	182330.9	-0526.5	4769	9.5	184046.0	-0540.1
4500	9.5	173916.2	-0516.3	4590	8.5	180423.9	-0520.4	4680	9.8	182423.3	-0505.8	4770	9.8	184046.1	-0535.5
4501	9.6	174000.8	-0539.2	4591	9.1	180440.5	-0538.6	4681	9.8	182430.2	-0539.0	4771	9.3	184107.6	-0556.4
4502	9.6	174038.6	-0551.9	4592	9.0	180444.6	-0552.7	4682	9.4	182453.4	-0509.1	4772	9.8	184139.5	-0539.8
4503	9.5	174041.8	-0523.8	4593	9.0	180504.4	-0509.6	4683	9.1	182458.0	-0528.4	4773	9.5	184202.9	-0518.0
4504	9.8	174130.4	-0555.4	4594	9.8	180511.3	-0514.5	4684	9.8	182503.9	-0537.1	4774	9.1	184210.0	-0527.1
4505	9.8	174148.0	-0500.8	4595	9.0	180523.5	-0529.9	4685	9.0	182517.9	-0522.8	4775	8.3	184220.1	-0506.8
4506	9.4	174159.3	-0530.8	4596	9.5	180536.4	-0547.2	4686	7.0	182523.6	-0515.2	4776	9.8	184235.3	-0558.9
4507	10.	174227.1	-0554.3	4597	9.2	180537.2	-0528.8	4687	9.1	182526.0	-0523.9	4777	8.7	184248.0	-0532.9
4508	9.4	174234.0	-0540.7	4598	9.5	180601.3	-0519.4	4688	9.5	182545.5	-0529.9	4778	8.4	184252.1	-0507.2
4509	8.2	174301.2	-0517.1	4599	9.8	180607.9	-0516.8	4689	9.8	182546.3	-0508.7	4779	9.5	184252.3	-0556.0
4510	9.4	174340.1	-0511.9	4600	9.5	180611.5	-0522.3	4690	9.7	182612.7	-0553.7	4780	9.5	184302.7	-0522.0
4511	9.0	174400.7	-0535.0	4601	9.3	180614.0	-0501.2	4691	9.5	182622.3	-0506.9	4781	9.3	184316.2	-0553.7
4512	9.3	174408.2	-0529.2	4602	7.8	180645.0	-0536.4	4692	9.5	182625.4	-0536.1	4782	9.3	184320.4	-0549.9
4513	9.8	174417.4	-0559.3	4603	9.4	180646.1	-0506.3	4693	9.7	182642.2	-0558.6	4783	9.3	184335.9	-0508.2
4514	8.5	174434.5	-0522.4	4604	8.9	180654.7	-0515.0	4694	9.2	182653.5	-0527.7	4784	9.6	184353.1	-0529.3
4515	9.8	174440.6	-0508.1	4605	9.3	180656.2	-0514.3	4695	9.8	182703.6	-0501.0	4785	9.8	184354.0	-0534.3
4516	9.0	174442.0	-0541.4	4606	9.4	180721.1	-0556.8	4696	9.2	182800.4	-0521.9	4786	8.5	184356.0	-0530.1
4517	8.8	174450.8	-0516.8	4607	9.4	180726.4	-0526.0	4697	9.1	182814.5	-0531.0	4787	8.5	184404.8	-0515.4
4518	9.9	174453.3	-0543.2	4608	7.0	180750.3	-0530.7	4698	9.5	182827.9	-0535.1	4788	9.0	184417.9	-0519.4
4519	6.7	174453.6	-0513.4	4609	9.2	180800.4	-0551.0	4699	9.5	182840.5	-0513.8	4789	9.5	184427.4	-0552.1
4520	9.5	174458.9	-0552.5	4610	9.5	180806.0	-0545.2	4700	9.9	182852.6	-0530.4	4790	9.2	184442.0	-0532.1
4521	7.8	174508.2	-0518.7	4611	9.5	180811.8	-0509.5	4701	9.7	182856.2	-0559.6	4791	9.3	184446.0	-0505.2
4522	9.4	174523.8	-0524.2	4612	9.4	180825.6	-0503.5	4702	9.6	182904.2	-0506.2	4792	9.0	184446.5	-0530.4
4523	7.2	174529.4	-0553.4	4613	9.3	180833.9	-0552.8	4703	9.1	182908.6	-0519.0	4793	9.5	184451.5	-0536.9
4524	9.6	174546.8	-0535.0	4614	9.3	180840.4	-0545.9	4704	9.2	182908.7	-0505.3	4794	8.7	184535.6	-0525.0
4525	10.	174550.2	-0538.5	4615	9.4	180853.5	-0507.3	4705	9.6	182943.5	-0542.2	4795	9.7	184538.5	-0540.1
4526	9.1	174606.4	-0544.2	4616	9.5	180858.0	-0531.6	4706	9.4	182950.4	-0530.7	4796	9.5	184544.2	-0552.5
4527	9.3	174611.1	-0500.1	4617	9.8	180917.8	-0504.8	4707	9.0	182955.2	-0510.0	4797	9.6	184549.8	-0540.9
4528	9.2	174623.4	-0548.7	4618	8.5	180943.7	-0533.8	4708	9.8	183015.0	-0537.3	4798	8.7	184558.2	-0542.1
4529	9.6	174657.4	-0535.5	4619	9.8	181017.5	-0531.6	4709	8.9	183021.2	-0502.7	4799	10.	184610.4	-0554.2
4530	9.4	174703.4	-0502.8	4620	9.0	181022.4	-0556.5	4710	9.4	183026.6	-0526.6	4800	8.8	184616.1	-0549.3
4531	9.2	174708.6	-0502.4	4621	8.3	181034.3	-0559.7	4711	9.2	183053.2	-0557.6	4801	9.5	184636.9	-0513.7
4532	9.4	174744.3	-0523.7	4622	9.0	181056.0	-0526.8	4712	9.7	183058.0	-0547.9	4802	8.7	184642.7	-0533.1
4533	9.9	174748.7	-0550.9	4623	9.1	181103.4	-0520.5	4713	9.4	183114.6	-0550.1	4803	9.5	184648.0	-0529.1
4534	8.3	174752.8	-0501.3	4624	8.0	181133.5	-0522.2	4714	8.8	183119.0	-0550.3	4804	9.1	184648.5	-0555.2
4535	9.5	174817.4	-0505.7	4625	9.4	181155.1	-0541.9	4715	9.6	183155.4	-0553.9	4805	9.4	184652.0	-0527.5
4536	9.5	174835.3	-0526.9	4626	7.5	181204.4	-0500.9	4716	9.6	183218.7	-0552.3	4806	9.1	184656.9	-0513.0
4537	8.0	174836.0	-0517.6	4627	9.8	181215.6	-0536.6	4717	8.7	183222.5	-0553.9	4807	8.0	184738.4	-0519.2
4538	9.6	174858.2	-0540.4	4628	9.4	181219.5	-0529.2	4718	9.3	183237.9	-0537.8	4808	9.9	184759.0	-0548.3
4539	9.2	174904.3	-0553.2	4629	9.5	181221.4	-0559.1	4719	8.2	183247.0	-0550.2	4809	10.	184804.9	-0540.3
4540	9.6	174926.2	-0539.5	4630	9.3	181229.8	-0507.4	4720	9.2	183248.0	-0553.7	4810	9.6	184808.8	-0542.1
4541	8.7	175009.0	-0540.2	4631	9.1	181254.0	-0555.4	4721	8.5	183303.9	-0528.8	4811	8.1	184810.3	-0554.8
4542	7.5	175101.3	-0524.3	4632	9.4	181301.9	-0513.9	4722	9.8	183312.2	-0551.9	4812	9.7	184834.7	-0552.3
4543	7.3	175121.2	-0501.8	4633	9.7	181319.5	-0558.0	4723	9.8	183312.7	-0549.0	4813	9.0	184840.6	-0515.3
4544	9.3	175124.3	-0522.1	4634	9.4	181337.1	-0555.7	4724	9.8	183314.2	-0548.4	4814	9.4	184849.6	-0556.1
4545	9.8	175138.0	-0547.2	4635	9.9	181340.5	-0543.6	4725	9.9	183334.0	-0545.8	4815	9.2	184857.4	-0521.7
4546	9.4	175141.9	-0505.5	4636	9.0	181400.7	-0548.3	4726	9.8	183349.4	-0522.5	4816	8.3	184904.7	-0551.0
4547	9.2	175157.4	-0557.8	4637	9.5	181407.3	-0552.8	4727	9.5	183353.9	-0532.5	4817	9.5	184909.0	-0516.0
4548	9.2	175157.8	-0551.5	4638	10.	181420.6	-0541.2	4728	9.6	183354.7	-0529.4	4818	8.9	184928.5	-0504.6
4549	9.1	175206.6	-0548.4	4639	9.7	181420.9	-0533.1	4729	9.9	183355.0	-0559.1	4819	9.4	184928.8	-0542.5
4550	8.9	175210.3	-0524.4	4640	9.8	181421.4	-0554.6	4730	9.7	183356.5	-0501.6	4820	9.8	184951.6	-0540.3

4821	9.7	184955.6	-0527.5	4911	9.5	190602.5	-0502.7	5001	9.6	192504.9	-0502.6	5091	8.0	194456.5	-0555.0
4822	9.1	185018.8	-0509.9	4912	9.1	190616.7	-0505.4	5002	9.6	192508.6	-0509.2	5092	9.6	194502.0	-0547.8
4823	9.4	185031.0	-0540.7	4913	9.5	190617.2	-0554.9	5003	8.0	192542.0	-0501.9	5093	8.6	194510.1	-0500.1
4824	9.8	185035.7	-0538.1	4914	9.5	190624.7	-0550.5	5004	9.3	192551.4	-0534.7	5094	9.6	194522.9	-0512.7
4825	9.5	185055.9	-0502.2	4915	7.8	190636.2	-0556.0	5005	9.1	192556.6	-0549.0	5095	9.5	194529.2	-0524.3
4826	7.3	185102.9	-0549.8	4916	9.5	190735.8	-0517.4	5006	7.6	192602.4	-0502.8	5096	7.0	194531.0	-0554.3
4827	9.4	185104.3	-0522.5	4917	9.0	190801.1	-0510.5	5007	9.3	192635.7	-0502.4	5097	9.4	194547.0	-0504.1
4828	9.7	185109.9	-0559.4	4918	9.0	190806.4	-0534.1	5008	9.3	192648.3	-0527.2	5098	10.	194611.9	-0549.4
4829	9.1	185113.7	-0545.9	4919	9.1	190808.2	-0543.8	5009	9.5	192715.0	-0541.4	5099	8.0	194634.1	-0525.2
4830	8.4	185144.4	-0538.6	4920	9.1	190810.3	-0526.3	5010	9.2	192732.6	-0540.9	5100	9.0	194636.3	-0535.2
4831	9.1	185210.2	-0535.2	4921	9.0	190811.7	-0553.5	5011	9.5	192736.9	-0538.0	5101	9.5	194639.5	-0508.6
4832	10.	185229.5	-0552.9	4922	9.0	190831.6	-0559.5	5012	9.4	192742.9	-0539.0	5102	9.3	194649.1	-0554.1
4833	9.3	185234.6	-0554.9	4923	9.5	190833.5	-0502.2	5013	9.5	192744.4	-0502.8	5103	9.6	194659.2	-0540.3
4834	9.8	185241.2	-0547.5	4924	9.3	190916.9	-0537.4	5014	9.5	192757.4	-0530.2	5104	9.5	194713.7	-0559.6
4835	8.5	185241.8	-0533.9	4925	9.8	190945.8	-0531.5	5015	9.4	192806.6	-0541.0	5105	9.7	194727.9	-0548.1
4836	8.3	185319.0	-0543.1	4926	9.7	191023.2	-0540.4	5016	8.8	192810.0	-0553.0	5106	9.9	194731.5	-0535.3
4837	9.2	185329.2	-0540.6	4927	7.4	191023.7	-0540.7	5017	9.0	192812.8	-0503.8	5107	10.	194733.0	-0552.4
4838	9.4	185335.1	-0543.5	4928	9.0	191045.4	-0541.6	5018	9.0	192814.4	-0549.2	5108	9.6	194750.2	-0552.0
4839	9.1	185346.8	-0510.0	4929	9.5	191125.9	-0518.6	5019	9.0	192833.1	-0548.0	5109	9.9	194751.3	-0559.7
4840	4.7	185356.3	-0556.4	4930	9.3	191128.8	-0529.5	5020	8.3	192839.5	-0507.1	5110	9.9	194754.1	-0531.6
4841	8.1	185441.0	-0544.8	4931	9.3	191136.4	-0522.6	5021	7.8	192853.3	-0505.6	5111	9.4	194813.0	-0502.2
4842	9.3	185448.5	-0504.8	4932	9.8	191137.3	-0520.5	5022	8.0	192858.1	-0554.8	5112	9.8	194816.9	-0541.8
4843	9.5	185450.8	-0554.0	4933	8.5	191140.2	-0552.2	5023	7.5	192935.4	-0527.7	5113	9.8	194823.5	-0530.0
4844	9.0	185457.2	-0500.0	4934	8.3	191152.8	-0507.7	5024	9.2	192936.1	-0555.5	5114	8.5	194853.7	-0500.3
4845	8.1	185507.7	-0544.4	4935	9.3	191211.3	-0505.8	5025	9.5	192956.0	-0508.2	5115	9.8	194900.4	-0552.4
4846	8.9	185507.9	-0555.1	4936	5.0	191249.1	-0540.8	5026	7.3	193000.9	-0523.0	5116	9.4	194908.9	-0528.6
4847	9.8	185527.1	-0557.0	4937	9.2	191251.8	-0551.7	5027	9.0	193004.4	-0524.8	5117	9.0	194920.0	-0539.7
4848	7.0	185533.5	-0545.8	4938	8.3	191257.1	-0549.9	5028	9.2	193005.5	-0531.0	5118	9.4	194922.1	-0553.5
4849	9.7	185536.8	-0533.2	4939	9.0	191312.5	-0541.8	5029	8.8	193012.1	-0554.0	5119	9.8	194923.6	-0501.1
4850	9.3	185537.5	-0528.3	4940	8.9	191317.9	-0533.7	5030	9.0	193023.9	-0525.4	5120	8.2	194938.0	-0504.2
4851	9.5	185537.7	-0522.8	4941	8.7	191339.4	-0552.0	5031	8.9	193118.4	-0544.8	5121	9.1	194944.9	-0540.3
4852	8.9	185552.0	-0521.9	4942	8.2	191404.8	-0505.1	5032	9.8	193126.9	-0551.2	5122	10.	194949.4	-0555.9
4853	9.5	185553.3	-0537.6	4943	9.0	191411.8	-0522.0	5033	9.3	193210.5	-0519.0	5123	9.8	195002.8	-0528.9
4854	8.8	185616.8	-0539.1	4944	9.1	191419.9	-0537.6	5034	9.3	193211.6	-0552.4	5124	8.5	195015.0	-0534.2
4855	9.4	185619.2	-0504.0	4945	7.5	191422.3	-0500.1	5035	9.5	193229.0	-0527.4	5125	9.3	195038.1	-0532.7
4856	9.4	185623.8	-0538.5	4946	9.4	191423.6	-0500.1	5036	6.8	193238.1	-0546.6	5126	9.8	195054.3	-0517.2
4857	9.1	185628.4	-0527.9	4947	9.7	191442.7	-0502.2	5037	9.5	193238.4	-0515.2	5127	9.6	195116.6	-0550.3
4858	7.0	185639.6	-0553.5	4948	9.5	191501.9	-0529.9	5038	9.5	193311.5	-0530.2	5128	9.3	195129.2	-0550.3
4859	9.7	185644.1	-0557.4	4949	9.5	191519.3	-0500.6	5039	9.2	193320.7	-0542.0	5129	9.5	195152.7	-0501.0
4860	9.5	185705.6	-0522.4	4950	10.	191538.2	-0539.1	5040	9.3	193323.4	-0539.3	5130	9.8	195157.5	-0557.3
4861	9.3	185708.8	-0526.9	4951	9.4	191538.8	-0527.3	5041	9.5	193334.3	-0515.3	5131	9.5	195219.6	-0547.2
4862	9.5	185724.7	-0508.8	4952	9.1	191544.7	-0555.8	5042	9.5	193335.6	-0554.8	5132	9.4	195222.6	-0549.4
4863	9.6	185726.3	-0531.1	4953	9.5	191558.4	-0546.8	5043	9.2	193451.1	-0558.5	5133	9.5	195239.7	-0558.7
4864	9.5	185732.2	-0533.3	4954	9.0	191559.8	-0521.0	5044	9.5	193458.4	-0536.9	5134	9.6	195251.2	-0539.6
4865	9.5	185734.2	-0541.5	4955	9.4	191617.1	-0544.2	5045	9.3	193505.5	-0538.9	5135	9.2	195325.6	-0549.2
4866	9.4	185738.4	-0527.1	4956	7.4	191621.1	-0546.7	5046	9.5	193506.4	-0525.6	5136	9.4	195342.4	-0514.3
4867	9.7	185743.5	-0514.0	4957	8.8	191626.3	-0535.2	5047	9.0	193534.0	-0534.8	5137	8.6	195429.5	-0513.4
4868	9.5	185746.8	-0544.5	4958	8.8	191626.8	-0506.5	5048	9.1	193610.7	-0533.9	5138	6.3	195429.7	-0523.4
4869	9.7	185755.6	-0525.9	4959	9.0	191640.5	-0542.3	5049	9.0	193628.5	-0507.8	5139	9.2	195430.8	-0542.5
4870	9.5	185802.2	-0535.7	4960	9.4	191650.3	-0535.5	5050	9.5	193646.9	-0525.7	5140	8.8	195501.9	-0554.6
4871	9.5	185807.3	-0546.5	4961	7.6	191701.8	-0541.7	5051	9.6	193658.1	-0533.8	5141	9.1	195507.8	-0500.1
4872	8.8	185810.4	-0518.3	4962	9.8	191716.3	-0519.4	5052	9.2	193731.5	-0543.1	5142	9.5	195520.8	-0534.6
4873	9.5	185812.0	-0545.6	4963	10.	191717.1	-0547.2	5053	9.2	193756.8	-0546.1	5143	9.8	195520.9	-0555.7
4874	9.0	185830.3	-0533.3	4964	6.8	191719.4	-0510.0	5054	9.5	193804.4	-0510.3	5144	8.2	195534.0	-0501.9
4875	8.5	185833.7	-0527.4	4965	9.6	191726.9	-0513.0	5055	9.1	193810.3	-0501.4	5145	9.6	195600.9	-0523.1
4876	3.0	185834.3	-0505.5	4966	9.3	191735.2	-0519.9	5056	9.0	193839.8	-0541.6	5146	9.5	195623.9	-0521.7
4877	7.8	185932.3	-0506.9	4967	9.6	191743.5	-0545.6	5057	9.5	193922.1	-0521.6	5147	9.8	195634.4	-0521.7
4878	9.2	185933.4	-0528.6	4968	9.5	191754.8	-0530.0	5058	9.5	193949.4	-0559.8	5148	9.6	195700.8	-0532.2
4879	9.1	185942.0	-0508.8	4969	9.8	191754.9	-0548.5	5059	9.6	194000.9	-0539.4	5149	9.0	195705.8	-0501.8
4880	9.8	185943.6	-0522.0	4970	9.4	191810.3	-0530.9	5060	7.8	194005.0	-0535.1	5150	9.6	195710.1	-0527.2
4881	8.5	185949.6	-0527.6	4971	9.1	191826.4	-0513.2	5061	10.	194016.2	-0512.7	5151	9.5	195712.3	-0528.4
4882	8.3	185957.3	-0510.8	4972	9.5	191832.9	-0534.7	5062	9.5	194030.6	-0546.3	5152	9.6	195713.4	-0541.1
4883	9.9	190028.3	-0548.4	4973	9.2	191839.7	-0547.8	5063	9.5	194046.7	-0515.7	5153	9.4	195756.4	-0522.4
4884	7.8	190031.4	-0533.1	4974	9.5	191857.5	-0553.0	5064	9.7	194046.8	-0507.0	5154	9.3	195807.4	-0541.5
4885	9.5	190054.0	-0530.8	4975	9.5	191946.8	-0531.6	5065	9.5	194053.6	-0505.1	5155	9.5	195815.1	-0559.4
4886	9.3	190054.1	-0512.0	4976	9.5	191951.3	-0529.8	5066	9.5	194115.3	-0557.7	5156	9.0	195822.0	-0550.5
4887	9.3	190055.7	-0525.3	4977	9.4	192003.6	-0558.0	5067	9.5	194123.0	-0514.1	5157	9.5	195844.2	-0552.6
4888	8.5	190128.7	-0521.6	4978	9.5	192006.5	-0501.3	5068	9.3	194139.5	-0552.0	5158	9.8	195845.1	-0537.9
4889	9.3	190130.9	-0503.8	4979	6.8	192010.7	-0506.2	5069	8.9	194144.8	-0543.1	5159	9.8	195848.3	-0532.7
4890	8.9	190131.2	-0555.1	4980	9.3	192020.4	-0506.1	5070	9.1	194145.3	-0552.0	5160	9.5	195849.4	-0525.5
4891	9.5	190142.6	-0516.7	4981	8.7	192025.3	-0545.6	5071	9.2	194206.6	-0530.6	5161	10.	195900.8	-0526.1
4892	9.0	190153.3	-0508.5	4982	9.3	192042.1	-0548.7	5072	10.	194226.2	-0557.4	5162	9.6	195903.2	-0539.1
4893	9.2	190157.2	-0525.0	4983	8.8	192103.4	-0538.1	5073	9.5	194249.4	-0512.9	5163	9.5	195910.3	-0549.6
4894	9.5	190204.5	-0502.5	4984	9.7	192140.3	-0543.5	5074	9.6	194254.1	-0511.9	5164	9.5	195929.0	-0507.9
4895	9.3	190226.4	-0544.6	4985	8.5	192217.4	-0513.3	5075	6.5	194308.2	-0503.2	5165	9.6	195930.9	-0539.0
4896	9.5	190253.3	-0513.9	4986	9.4	192250.9	-0532.4	5076	9.1	194308.8	-0502.3	5166	9.5	195938.3	-0551.2
4897	9.4	190257.1	-0556.8	4987	9.4	192258.9	-0550.5	5077	9.2	194314.8	-0533.6	5167	10.	200000.3	-0532.0
4898	9.5	190302.8	-0537.8	4988	9.5	192300.3	-0512.4	5078	9.0	194323.3	-0501.3	5168	9.5	200008.0	-0510.8
4899	9.7	190329.9	-0530.5	4989	8.4	192329.5	-0558.3	5079	9.5	194324.5	-0547.8	5169	8.5	200052.8	-0531.5
4900	9.5	190337.8	-0526.9	4990	9.3	192333.8	-0530.5	5080	9.0	194324.6	-0546.0	5170	9.7	200100.3	-0548.4
4901	9.8	190437.9	-0509.4	4991	9.3	192346.8	-0507.7	5081	9.3	194340.5	-0536.5	5171	9.4	200155.9	-0522.4
4902	9.0	190438.2	-0554.0	4992	8.2	192351.9	-0525.6	5082	9.0	194341.7	-0549.9	5172	9.8	200212.3	-0535.3
4903	7.5	190444.1	-0538.7	4993	9.7	192355.7	-0549.8	5083	9.1	194345.1	-0543.8	5173	9.5	200222.0	-0516.1
4904	9.8	190454.3	-0508.0	4994	9.4	192405.1	-0521.6	5084	10.	194400.4	-0518.9	5174	10.	200231.1	-0548.8
4905	9.0	190504.5	-0505.4	4995	8.9	192430.8	-0529.2	5085	9.8	194412.3	-0532.7	5175	9.8	200236.5	-0500.3
4906	8.5	190512.9	-0518.7	4996	9.0	192434.6	-0548.6	5086	9.8	194416.9	-0517.1	5176	9.8	200242.8	-0502.2
4907	9.4	190524.6	-0516.3	4997	9.1	192446.4	-0513.0	5087	9.5	194430.9	-0515.5	5177	9.3	200250.2	-0548.8
4908	9.1	190539.4	-0537.9	4998	9.8	192450.2	-0540.3	5088	9.9	194438.6	-0550.2	5178	9.5	200302.2	-0507.8
4909	9.1	190545.3	-0508.6	4999	9.0	192451.9	-0510.6	5089	9.3	194439.6	-0523.8	5179	9.6	200306.4	-0531.9
4910	9.5	190549.8	-0554.1	5000	9.8	192502.7	-0538.3	5090	9.3	194454.9	-0519.4	5180	9.5	200312.1	-0510.2

5181	8.5	200359.6	-0500.8	5271	9.3	201927.3	-0518.3	5361	9.7	203701.0	-0542.7	5451	9.1	205701.7	-0503.6
5182	9.5	200425.0	-0520.6	5272	9.2	201945.6	-0512.7	5362	9.4	203714.4	-0523.5	5452	8.3	205708.1	-0523.4
5183	9.0	200445.7	-0553.7	5273	9.8	201952.5	-0545.0	5363	9.5	203716.3	-0510.0	5453	9.7	205711.0	-0504.1
5184	9.7	200506.5	-0504.4	5274	9.9	201954.4	-0555.3	5364	8.7	203800.0	-0510.0	5454	9.5	205713.4	-0542.1
5185	9.5	200508.2	-0558.3	5275	8.0	202018.8	-0533.3	5365	9.6	203827.5	-0502.4	5455	9.8	205721.3	-0558.1
5186	9.5	200519.6	-0553.9	5276	9.0	202024.7	-0513.4	5366	10.	203834.4	-0530.7	5456	9.2	205721.6	-0522.1
5187	10.	200523.8	-0554.6	5277	9.1	202032.1	-0558.3	5367	9.5	203851.0	-0547.9	5457	9.1	205728.0	-0544.9
5188	9.6	200527.1	-0558.5	5278	8.7	202035.4	-0521.4	5368	9.5	203851.4	-0524.3	5458	9.0	205730.4	-0541.1
5189	8.9	200559.5	-0516.7	5279	9.5	202101.7	-0536.6	5369	9.4	203857.7	-0513.3	5459	9.8	205736.9	-0513.9
5190	8.5	200625.5	-0516.7	5280	9.4	202105.8	-0529.2	5370	9.7	203857.7	-0550.2	5460	9.9	205743.8	-0522.1
5191	9.5	200628.9	-0526.7	5281	9.8	202107.1	-0517.1	5371	9.1	203909.4	-0527.3	5461	9.4	205814.9	-0557.2
5192	9.8	200644.0	-0500.1	5282	9.5	202114.7	-0527.2	5372	8.4	203935.2	-0536.7	5462	10.	205840.3	-0529.5
5193	9.5	200710.9	-0538.4	5283	9.6	202116.2	-0507.1	5373	9.4	203935.3	-0516.1	5463	8.9	205856.0	-0547.0
5194	8.0	200719.2	-0500.7	5284	9.3	202151.3	-0541.8	5374	9.7	203940.0	-0500.0	5464	9.2	205900.7	-0540.7
5195	9.6	200724.3	-0546.6	5285	9.7	202208.7	-0538.6	5375	9.5	203954.9	-0525.6	5465	9.4	205905.3	-0506.0
5196	7.0	200741.1	-0558.2	5286	9.9	202227.9	-0558.5	5376	9.2	203958.2	-0538.6	5466	9.2	205917.8	-0509.8
5197	9.4	200752.0	-0542.3	5287	9.4	202234.7	-0541.4	5377	9.5	204001.7	-0540.0	5467	9.8	205928.9	-0528.0
5198	9.5	200810.5	-0523.4	5288	9.0	202239.9	-0514.3	5378	9.2	204005.4	-0533.4	5468	9.4	205928.9	-0535.2
5199	9.4	200817.2	-0504.3	5289	9.8	202242.0	-0504.1	5379	9.2	204006.1	-0525.6	5469	9.8	205931.5	-0511.4
5200	9.4	200844.0	-0520.9	5290	9.7	202248.5	-0548.4	5380	9.5	204035.1	-0558.2	5470	9.7	205955.7	-0541.8
5201	9.7	200844.1	-0541.2	5291	8.2	202253.9	-0552.3	5381	9.8	204036.3	-0536.3	5471	9.5	205956.5	-0550.3
5202	9.1	200911.4	-0554.5	5292	10.	202311.6	-0519.0	5382	7.5	204037.2	-0509.9	5472	8.7	210005.2	-0512.7
5203	9.5	200911.6	-0543.2	5293	9.3	202323.5	-0521.5	5383	8.8	204057.0	-0518.4	5473	8.2	210006.2	-0501.8
5204	9.3	200913.9	-0509.1	5294	9.0	202323.7	-0510.8	5384	9.4	204112.1	-0559.4	5474	8.7	210022.7	-0504.9
5205	9.3	200926.2	-0514.2	5295	10.	202333.9	-0556.9	5385	9.0	204138.1	-0507.7	5475	9.5	210026.4	-0552.0
5206	9.0	200929.4	-0531.9	5296	9.5	202401.7	-0544.2	5386	9.5	204143.0	-0547.0	5476	9.4	210035.1	-0518.0
5207	9.7	200958.0	-0526.7	5297	9.4	202406.4	-0510.1	5387	9.5	204145.2	-0523.1	5477	9.0	210040.7	-0548.9
5208	10.	200959.2	-0511.8	5298	9.9	202418.1	-0544.9	5388	9.4	204147.8	-0545.9	5478	9.4	210052.7	-0514.4
5209	9.6	201005.2	-0502.3	5299	6.8	202424.4	-0543.8	5389	10.	204157.5	-0537.2	5479	9.4	210100.4	-0501.8
5210	9.0	201015.1	-0519.1	5300	9.5	202453.4	-0510.7	5390	30.0	204217.3	-0541.1	5480	9.1	210110.0	-0500.7
5211	9.1	201015.8	-0507.4	5301	9.7	202454.0	-0526.3	5391	10.	204235.2	-0556.5	5481	10.	210114.6	-0545.8
5212	9.2	201015.8	-0526.9	5302	8.0	202513.5	-0539.9	5392	10.	204237.1	-0559.0	5482	9.4	210122.5	-0539.9
5213	9.3	201025.9	-0538.7	5303	9.2	202516.8	-0548.8	5393	8.3	204241.4	-0539.1	5483	8.5	210140.1	-0532.2
5214	9.5	201027.5	-0542.0	5304	9.7	202553.2	-0539.3	5394	9.4	204247.2	-0547.7	5484	9.4	210157.3	-0503.1
5215	10.	201028.4	-0545.2	5305	8.8	202556.3	-0550.7	5395	9.5	204300.0	-0546.2	5485	9.3	210159.3	-0540.9
5216	6.8	201030.7	-0510.3	5306	9.9	202620.2	-0557.7	5396	8.0	204304.0	-0519.7	5486	9.6	210201.0	-0541.8
5217	9.4	201045.0	-0518.5	5307	9.8	202620.9	-0508.0	5397	9.7	204329.7	-0546.0	5487	9.9	210226.4	-0556.1
5218	9.1	201049.6	-0519.5	5308	9.9	202623.4	-0559.2	5398	9.7	204341.6	-0535.8	5488	9.3	210301.6	-0558.8
5219	9.8	201100.3	-0546.1	5309	9.2	202627.4	-0513.0	5399	9.2	204346.7	-0544.0	5489	9.0	210337.2	-0522.6
5220	9.2	201111.9	-0537.0	5310	9.6	202634.9	-0514.9	5400	9.4	204405.4	-0529.6	5490	9.9	210401.4	-0508.6
5221	9.2	201120.0	-0557.3	5311	8.8	202728.7	-0505.5	5401	8.5	204410.0	-0520.0	5491	9.0	210409.6	-0539.3
5222	9.4	201120.9	-0547.6	5312	9.6	202737.1	-0541.2	5402	8.5	204440.1	-0514.5	5492	9.6	210409.9	-0513.1
5223	9.9	201128.3	-0515.1	5313	10.	202743.2	-0540.9	5403	9.4	204444.7	-0507.1	5493	9.5	210419.7	-0521.1
5224	9.1	201132.3	-0516.0	5314	9.0	202748.0	-0546.8	5404	9.4	204450.2	-0510.9	5494	9.6	210440.8	-0505.2
5225	9.3	201151.3	-0504.8	5315	7.8	202800.9	-0513.0	5405	9.9	204522.2	-0537.0	5495	8.3	210442.4	-0509.1
5226	9.1	201155.3	-0548.1	5316	9.5	202821.8	-0527.2	5406	9.8	204526.0	-0522.7	5496	9.7	210506.6	-0516.9
5227	9.9	201157.4	-0512.5	5317	9.5	202823.3	-0502.4	5407	8.7	204541.6	-0542.1	5497	9.6	210517.2	-0518.7
5228	9.3	201220.9	-0554.8	5318	9.5	202828.0	-0506.0	5408	9.3	204600.0	-0531.0	5498	9.2	210542.7	-0548.7
5229	9.8	201222.2	-0543.9	5319	10.	202836.9	-0516.3	5409	9.0	204613.1	-0508.4	5499	10.	210603.4	-0532.1
5230	9.7	201253.9	-0501.8	5320	9.5	202839.7	-0535.1	5410	6.7	204626.6	-0505.2	5500	9.9	210607.5	-0516.7
5231	9.5	201255.1	-0526.6	5321	8.6	202842.8	-0552.4	5411	9.0	204710.7	-0557.3	5501	9.8	210620.3	-0501.4
5232	9.0	201301.6	-0536.5	5322	9.5	202911.6	-0500.2	5412	9.6	204737.5	-0549.7	5502	9.6	210746.9	-0542.4
5233	8.7	201302.9	-0559.2	5323	9.8	202913.5	-0554.6	5413	9.8	204752.7	-0504.0	5503	9.5	210747.6	-0515.5
5234	9.2	201311.8	-0556.9	5324	9.3	203001.0	-0513.2	5414	9.4	204808.3	-0519.8	5504	9.4	210812.4	-0531.9
5235	9.3	201314.9	-0548.1	5325	9.2	203004.3	-0527.0	5415	9.6	204810.2	-0551.4	5505	10.	210815.9	-0558.6
5236	9.8	201327.4	-0504.0	5326	9.2	203005.8	-0531.1	5416	9.7	204832.9	-0543.1	5506	9.6	210938.9	-0533.8
5237	9.8	201335.7	-0529.7	5327	9.3	203015.4	-0523.6	5417	8.9	204842.1	-0527.7	5507	8.0	210948.0	-0558.2
5238	9.9	201355.0	-0509.2	5328	9.0	203016.1	-0551.5	5418	9.5	204852.6	-0509.2	5508	9.9	211015.1	-0521.4
5239	8.0	201400.1	-0515.4	5329	10.	203028.4	-0542.6	5419	10.	204854.9	-0513.7	5509	9.4	211023.3	-0501.8
5240	10.	201404.7	-0553.8	5330	7.7	203043.0	-0501.2	5420	9.8	204858.7	-0538.3	5510	9.8	211024.5	-0552.4
5241	9.7	201426.5	-0556.3	5331	9.5	203051.2	-0538.0	5421	9.2	204902.2	-0530.7	5511	9.5	211028.8	-0543.4
5242	9.0	201455.4	-0543.9	5332	10.	203105.3	-0531.3	5422	9.5	204945.0	-0527.4	5512	6.0	211034.0	-0507.5
5243	9.8	201455.8	-0518.1	5333	9.6	203106.0	-0533.8	5423	9.8	205006.6	-0555.1	5513	9.7	211041.1	-0540.8
5244	9.4	201457.7	-0524.6	5334	8.5	203117.9	-0508.6	5424	9.8	205011.9	-0529.5	5514	9.6	211044.5	-0557.4
5245	8.0	201500.1	-0532.3	5335	6.5	203125.3	-0526.5	5425	9.8	205012.5	-0543.1	5515	9.5	211048.0	-0537.5
5246	9.2	201510.3	-0505.2	5336	9.9	203147.7	-0505.3	5426	9.4	205044.5	-0525.3	5516	9.3	211107.9	-0510.7
5247	9.5	201511.9	-0555.9	5337	8.5	203154.9	-0521.8	5427	9.4	205125.6	-0510.4	5517	10.	211120.5	-0541.5
5248	9.5	201516.9	-0538.6	5338	9.7	203205.6	-0554.6	5428	9.3	205129.4	-0533.0	5518	9.9	211210.7	-0504.0
5249	9.9	201542.8	-0509.5	5339	9.4	203218.9	-0549.3	5429	9.8	205137.3	-0524.0	5519	9.5	211220.9	-0529.2
5250	9.5	201545.3	-0513.2	5340	9.8	203241.0	-0538.3	5430	9.5	205220.2	-0541.3	5520	9.0	211226.3	-0542.8
5251	9.4	201547.6	-0532.2	5341	9.6	203314.5	-0540.1	5431	9.2	205220.4	-0509.7	5521	9.8	211233.4	-0554.7
5252	9.3	201553.8	-0513.7	5342	9.5	203335.6	-0536.3	5432	9.3	205227.0	-0539.1	5522	9.9	211237.0	-0508.8
5253	6.8	201556.1	-0543.7	5343	9.5	203336.3	-0530.3	5433	6.0	205255.8	-0517.1	5523	9.4	211303.5	-0533.5
5254	9.4	201612.7	-0518.8	5344	9.0	203339.0	-0542.9	5434	8.0	205301.3	-0555.3	5524	6.2	211327.5	-0510.3
5255	9.4	201613.1	-0532.1	5345	9.3	203342.5	-0503.2	5435	9.4	205306.5	-0538.5	5525	10.	211330.0	-0549.4
5256	9.5	201622.0	-0539.4	5346	9.5	203400.5	-0514.5	5436	9.5	205307.5	-0557.1	5526	9.5	211349.4	-0523.7
5257	9.5	201625.8	-0546.7	5347	9.0	203409.5	-0500.5	5437	9.6	205339.7	-0510.6	5527	9.5	211354.7	-0540.5
5258	9.8	201626.6	-0530.5	5348	9.0	203415.4	-0529.5	5438	9.5	205402.1	-0521.4	5528	8.9	211358.9	-0556.3
5259	9.8	201636.2	-0533.0	5349	7.8	203449.9	-0548.6	5439	9.5	205403.8	-0528.1	5529	8.0	211403.0	-0505.9
5260	9.7	201643.6	-0550.6	5350	9.5	203456.1	-0512.8	5440	8.0	205414.2	-0513.8	5530	9.7	211409.4	-0534.4
5261	9.0	201657.7	-0522.0	5351	9.3	203526.7	-0530.2	5441	9.8	205424.0	-0541.7	5531	9.5	211416.2	-0540.9
5262	8.2	201701.5	-0503.1	5352	10.	203532.8	-0515.4	5442	9.6	205437.6	-0509.6	5532	9.0	211420.7	-0501.1
5263	9.8	201744.7	-0538.8	5353	9.7	203539.0	-0522.7	5443	10.	205444.5	-0527.0	5533	8.9	211428.7	-0503.2
5264	9.2	201746.6	-0536.3	5354	9.0	203539.2	-0540.9	5444	9.7	205457.8	-0553.3	5534	9.5	211436.4	-0504.8
5265	10.	201806.4	-0543.1	5355	8.8	203607.5	-0514.9	5445	9.6	205541.0	-0530.3	5535	9.2	211503.7	-0544.6
5266	9.5	201814.9	-0511.8	5356	9.5	203619.6	-0558.2	5446	9.1	205545.2	-0512.4	5536	9.0	211543.1	-0535.8
5267	9.5	201817.8	-0558.1	5357	9.7	203633.5	-0507.2	5447	8.0	205545.5	-0556.5	5537	10.	211545.0	-0544.9
5268	10.	201824.9	-0541.0	5358	8.9	203638.4	-0518.1	5448	9.8	205610.7	-0556.2	5538	9.8	211552.5	-0524.5
5269	9.1	201907.7	-0526.4	5359	9.0	203646.4	-0521.6	5449	9.4	205621.6	-0521.1	5539	10.	211558.0	-0556.4
5270	9.5	201914.1	-0550.5	5360	9.3	203659.9	-0500.4	5450	9.5	205647.7	-0514.9	5540	9.4	211619.5	-0533.0

5541	9.6	211643.2	-0549.9	5631	9.3	213715.2	-0500.1	5721	8.6	220253.0	-0555.3	5811	9.7	222517.9	-0547.0
5542	9.4	211654.1	-0537.2	5632	8.2	213800.3	-0505.9	5722	10.	220306.4	-0513.5	5812	9.2	222543.6	-0543.0
5543	9.7	211745.0	-0553.4	5633	9.4	213826.7	-0529.4	5723	9.3	220332.1	-0553.2	5813	9.4	222611.6	-0559.2
5544	9.2	211751.0	-0523.4	5634	9.9	213845.9	-0546.8	5724	9.9	220332.5	-0541.7	5814	8.5	222615.8	-0512.2
5545	10.	211810.0	-0556.2	5635	9.9	213849.8	-0547.0	5725	9.4	220412.0	-0540.2	5815	7.9	222622.1	-0537.8
5546	9.8	211811.1	-0512.4	5636	9.8	213901.9	-0553.0	5726	9.1	220415.6	-0551.6	5816	9.6	222721.1	-0508.6
5547	9.4	211841.0	-0559.5	5637	9.0	213933.0	-0550.7	5727	8.9	220420.5	-0538.0	5817	8.9	222722.1	-0547.6
5548	9.7	211856.2	-0528.9	5638	9.2	213938.8	-0554.3	5728	9.4	220422.4	-0531.4	5818	9.2	222745.7	-0532.8
5549	9.2	211858.0	-0542.2	5639	10.	213947.3	-0503.6	5729	9.9	220430.6	-0523.1	5819	9.3	222808.6	-0540.7
5550	9.7	211911.6	-0536.0	5640	7.0	213949.6	-0516.4	5730	9.4	220455.3	-0551.6	5820	8.7	222845.7	-0553.8
5551	9.3	211921.1	-0551.4	5641	9.6	214013.8	-0526.5	5731	9.5	220456.3	-0537.5	5821	10.	222900.2	-0525.8
5552	9.8	211929.6	-0507.2	5642	9.9	214053.3	-0514.6	5732	6.7	220510.5	-0526.0	5822	9.3	222919.3	-0545.5
5553	9.5	211948.5	-0532.5	5643	9.6	214100.1	-0502.8	5733	9.5	220525.0	-0533.3	5823	10.	222927.2	-0521.3
5554	9.8	211950.4	-0534.5	5644	9.5	214123.1	-0516.5	5734	9.3	220536.8	-0503.5	5824	9.4	222937.8	-0548.6
5555	9.0	212032.1	-0514.7	5645	9.8	214137.3	-0531.7	5735	9.0	220603.3	-0516.8	5825	10.	223018.0	-0537.2
5556	9.8	212059.1	-0553.4	5646	9.5	214151.8	-0556.5	5736	9.8	220603.4	-0551.3	5826	9.4	223032.4	-0510.7
5557	10.	212120.6	-0528.5	5647	9.3	214212.8	-0521.2	5737	9.6	220609.6	-0556.3	5827	9.5	223044.6	-0539.0
5558	10.	212131.0	-0530.5	5648	8.7	214305.0	-0519.4	5738	7.3	220617.8	-0510.1	5828	9.8	223107.2	-0543.0
5559	9.1	212135.6	-0556.2	5649	9.4	214309.7	-0547.8	5739	8.6	220620.5	-0521.7	5829	9.9	223108.4	-0558.0
5560	9.2	212151.6	-0535.9	5650	9.5	214322.9	-0502.0	5740	9.5	220627.0	-0517.2	5830	9.8	223137.4	-0515.8
5561	9.6	212201.6	-0505.4	5651	10.	214342.8	-0538.0	5741	9.6	220648.6	-0517.1	5831	9.8	223143.1	-0528.2
5562	9.6	212202.9	-0519.2	5652	9.8	214421.7	-0549.6	5742	9.5	220655.1	-0549.7	5832	9.3	223153.0	-0536.9
5563	9.6	212203.7	-0550.1	5653	9.0	214516.8	-0513.8	5743	9.8	220731.5	-0537.9	5833	9.8	223156.9	-0505.7
5564	8.0	212239.1	-0508.3	5654	10.	214518.1	-0519.1	5744	9.3	220824.0	-0538.3	5834	9.2	223202.2	-0540.0
5565	10.	212253.5	-0545.3	5655	10.	214531.3	-0533.1	5745	9.8	220846.9	-0510.4	5835	9.2	223244.1	-0530.4
5566	9.7	212328.1	-0540.4	5656	10.	214531.4	-0539.3	5746	9.5	220920.4	-0517.5	5836	9.8	223244.2	-0558.2
5567	9.1	212343.6	-0517.2	5657	9.5	214534.3	-0551.5	5747	9.0	220942.9	-0512.9	5837	9.5	223304.2	-0541.0
5568	8.6	212350.3	-0509.0	5658	9.4	214535.2	-0549.7	5748	9.3	221002.2	-0550.1	5838	9.4	223403.5	-0505.7
5569	8.6	212356.5	-0505.4	5659	9.3	214622.3	-0530.2	5749	9.4	221010.7	-0558.9	5839	10.	223408.3	-0518.6
5570	9.6	212412.6	-0515.0	5660	10.	214633.6	-0534.4	5750	9.8	221023.9	-0522.8	5840	9.5	223408.9	-0506.2
5571	9.4	212419.1	-0513.0	5661	9.5	214638.3	-0511.0	5751	9.5	221025.1	-0555.7	5841	9.5	223419.4	-0516.0
5572	9.7	212432.1	-0525.6	5662	9.3	214705.3	-0527.7	5752	9.1	221043.2	-0548.7	5842	9.4	223433.1	-0553.9
5573	9.6	212432.6	-0559.1	5663	8.4	214710.8	-0557.0	5753	8.9	221059.6	-0556.0	5843	6.7	223433.2	-0550.8
5574	9.7	212452.5	-0508.9	5664	9.9	214737.3	-0548.5	5754	9.6	221104.7	-0557.0	5844	9.3	223457.3	-0547.4
5575	10.	212457.6	-0551.0	5665	9.5	214752.4	-0504.0	5755	9.8	221110.0	-0504.6	5845	9.7	223520.3	-0544.6
5576	9.5	212459.2	-0549.5	5666	8.0	214845.9	-0526.4	5756	9.8	221138.7	-0540.2	5846	9.2	223521.6	-0550.3
5577	9.7	212501.8	-0523.7	5667	9.1	214847.9	-0515.7	5757	9.1	221148.6	-0535.0	5847	8.3	223522.2	-0526.5
5578	10.	212526.8	-0509.4	5668	9.8	214902.9	-0509.4	5758	9.4	221150.0	-0543.3	5848	8.8	223609.2	-0557.7
5579	9.0	212535.1	-0509.4	5669	9.4	214924.0	-0505.6	5759	9.0	221227.4	-0521.3	5849	9.2	223613.1	-0532.0
5580	9.8	212545.2	-0541.6	5670	9.0	214949.9	-0558.3	5760	9.4	221236.0	-0553.2	5850	10.	223621.7	-0543.8
5581	9.0	212601.1	-0516.1	5671	9.9	215000.0	-0548.6	5761	9.8	221237.6	-0548.8	5851	10.	223631.3	-0523.6
5582	8.7	212606.8	-0549.5	5672	8.5	215024.4	-0553.2	5762	8.9	221253.9	-0512.5	5852	9.4	223705.0	-0507.0
5583	9.7	212608.2	-0544.1	5673	9.6	215105.3	-0508.9	5763	10.	221302.1	-0513.8	5853	9.6	223707.0	-0517.3
5584	7.3	212631.9	-0500.3	5674	6.9	215121.0	-0503.3	5764	9.5	221312.6	-0525.5	5854	9.8	223719.4	-0502.1
5585	9.3	212643.1	-0535.8	5675	9.0	215124.3	-0547.9	5765	9.5	221312.9	-0507.7	5855	8.5	223723.3	-0540.4
5586	8.9	212719.2	-0534.3	5676	9.5	215138.4	-0522.4	5766	9.3	221324.9	-0516.2	5856	9.5	223747.2	-0559.2
5587	8.7	212745.2	-0519.8	5677	8.7	215155.6	-0518.0	5767	9.3	221331.2	-0511.3	5857	9.7	223751.8	-0525.7
5588	9.6	212756.7	-0506.2	5678	8.9	215301.6	-0527.4	5768	9.0	221332.7	-0551.4	5858	9.5	223755.6	-0534.7
5589	9.1	212813.2	-0553.9	5679	9.2	215306.4	-0530.0	5769	9.8	221334.4	-0520.4	5859	10.	223831.5	-0541.4
5590	9.3	212820.8	-0505.7	5680	9.1	215314.3	-0510.8	5770	9.2	221407.2	-0542.0	5860	10.	223840.3	-0515.0
5591	9.5	212825.1	-0531.0	5681	9.1	215325.6	-0511.8	5771	9.3	221428.0	-0510.0	5861	9.9	223937.2	-0530.6
5592	7.7	212856.1	-0541.8	5682	9.0	215338.5	-0548.4	5772	9.8	221436.8	-0539.9	5862	9.5	224000.9	-0523.0
5593	8.5	212920.2	-0526.0	5683	9.3	215338.9	-0558.8	5773	8.9	221454.7	-0509.7	5863	9.0	224003.5	-0504.4
5594	9.4	212925.2	-0559.5	5684	9.3	215343.7	-0502.7	5774	8.9	221459.5	-0520.8	5864	9.5	224015.1	-0523.8
5595	9.5	212929.2	-0505.5	5685	9.1	215401.9	-0550.4	5775	9.7	221549.5	-0532.6	5865	10.	224021.6	-0548.7
5596	9.6	213005.7	-0507.3	5686	9.0	215403.1	-0533.3	5776	9.3	221551.9	-0550.0	5866	8.2	224059.0	-0520.4
5597	8.5	213013.5	-0553.1	5687	9.8	215413.9	-0512.5	5777	8.8	221555.0	-0513.2	5867	10.	224102.4	-0525.9
5598	10.	213017.7	-0514.4	5688	9.5	215415.6	-0523.5	5778	9.4	221616.3	-0544.3	5868	9.2	224154.7	-0541.1
5599	9.8	213053.5	-0504.4	5689	9.5	215509.8	-0507.7	5779	9.4	221629.0	-0523.6	5869	10.	224204.3	-0509.4
5600	9.4	213054.4	-0525.6	5690	9.2	215516.9	-0550.7	5780	5.7	221633.5	-0533.7	5870	9.0	224222.0	-0506.8
5601	9.7	213206.4	-0519.6	5691	9.6	215554.5	-0506.5	5781	9.5	221635.1	-0530.0	5871	9.2	224226.4	-0540.1
5602	8.8	213208.6	-0538.7	5692	8.7	215620.0	-0542.1	5782	9.1	221641.2	-0535.7	5872	9.7	224228.4	-0526.8
5603	9.5	213211.8	-0550.7	5693	9.7	215632.9	-0526.4	5783	9.7	221658.0	-0526.2	5873	9.5	224337.0	-0501.4
5604	9.5	213220.8	-0552.7	5694	9.5	215639.4	-0529.0	5784	9.0	221707.9	-0557.8	5874	9.4	224337.5	-0516.4
5605	9.8	213225.4	-0534.4	5695	9.5	215658.4	-0533.2	5785	9.5	221729.5	-0511.3	5875	9.4	224437.6	-0521.5
5606	9.5	213226.0	-0555.3	5696	9.5	215658.9	-0521.8	5786	9.5	221735.8	-0536.9	5876	9.9	224439.0	-0516.0
5607	9.4	213253.4	-0551.2	5697	8.0	215701.8	-0532.3	5787	9.5	221742.8	-0502.1	5877	10.	224516.4	-0524.0
5608	8.5	213254.5	-0506.2	5698	9.8	215714.0	-0539.4	5788	9.5	221749.4	-0524.2	5878	9.5	224537.3	-0508.4
5609	9.4	213305.6	-0538.6	5699	9.5	215721.0	-0556.4	5789	9.4	221759.0	-0524.3	5879	9.5	224537.7	-0535.5
5610	9.3	213309.7	-0518.5	5700	9.6	215730.4	-0508.4	5790	8.0	221833.1	-0554.6	5880	7.3	224613.2	-0525.5
5611	9.0	213323.1	-0523.0	5701	9.1	215743.7	-0504.9	5791	9.2	221844.7	-0554.8	5881	8.9	224640.0	-0512.4
5612	9.5	213330.9	-0548.3	5702	10.	215744.7	-0534.8	5792	9.3	221852.6	-0522.8	5882	10.	224646.6	-0538.4
5613	8.5	213334.7	-0526.1	5703	9.5	215754.9	-0510.2	5793	9.6	221854.5	-0509.6	5883	9.3	224713.2	-0505.7
5614	9.3	213337.7	-0536.4	5704	9.8	215800.4	-0530.3	5794	9.2	221922.8	-0517.5	5884	9.7	224713.8	-0551.7
5615	9.4	213349.7	-0534.3	5705	9.5	215809.9	-0508.7	5795	9.4	221928.1	-0526.1	5885	6.0	224739.1	-0545.7
5616	9.6	213402.1	-0523.0	5706	9.4	215842.4	-0548.1	5796	8.6	222020.7	-0503.4	5886	9.4	224821.2	-0500.5
5617	9.5	213414.8	-0527.0	5707	9.1	215844.4	-0505.4	5797	9.5	222044.9	-0527.3	5887	9.2	224832.9	-0554.9
5618	9.6	213425.1	-0511.0	5708	9.8	215904.5	-0527.5	5798	9.4	222046.5	-0534.2	5888	9.3	224848.3	-0528.5
5619	8.5	213444.1	-0500.2	5709	9.2	215905.1	-0548.1	5799	9.4	222052.6	-0501.9	5889	9.3	224850.7	-0526.7
5620	9.2	213458.4	-0501.2	5710	9.1	215954.2	-0531.4	5800	9.0	222119.1	-0554.0	5890	9.4	224852.6	-0521.8
5621	9.4	213515.2	-0544.6	5711	9.0	215958.0	-0559.9	5801	9.0	222142.8	-0513.7	5891	10.	224911.5	-0521.4
5622	9.6	213518.2	-0550.4	5712	9.8	220025.0	-0533.8	5802	9.8	222203.9	-0551.4	5892	10.	224927.4	-0506.3
5623	9.4	213552.0	-0544.8	5713	8.9	220052.5	-0510.3	5803	10.	222225.0	-0542.4	5893	9.5	224928.2	-0515.1
5624	9.3	213553.4	-0502.8	5714	9.2	220158.0	-0507.2	5804	9.1	222226.9	-0550.2	5894	6.5	224946.3	-0535.0
5625	9.7	213614.2	-0513.9	5715	9.8	220158.7	-0521.5	5805	9.5	222247.0	-0521.5	5895	9.8	225000.7	-0518.9
5626	9.1	213635.7	-0555.5	5716	9.5	220200.8	-0503.2	5806	7.8	222254.6	-0533.3	5896	9.2	225039.6	-0549.0
5627	9.7	213636.4	-0501.4	5717	9.6	220217.3	-0548.0	5807	9.5	222256.3	-0503.2	5897	8.3	225059.7	-0516.5
5628	6.5	213648.9	-0523.7	5718	9.1	220227.9	-0510.2	5808	9.8	222306.5	-0534.2	5898	9.6	225118.6	-0505.6
5629	9.7	213649.2	-0548.5	5719	9.5	220235.9	-0508.6	5809	9.7	222329.8	-0516.1	5899	9.7	225125.3	-0504.6
5630	8.8	213707.5	-0553.1	5720	8.2	220237.7	-0538.3	5810	8.2	222504.2	-0555.0	5900	9.3	225130.2	-0517.7

5901	9.4	225130.2	-0518.3	5991	10.	231833.2	-0540.1	6081	7.5	234741.2	-0528.2	54	9.6	01441.0	-0656.2
5902	9.8	225203.7	-0537.6	5992	9.0	231902.3	-0526.0	6082	9.5	234750.1	-0500.4	55	9.5	01441.6	-0611.1
5903	8.0	225211.2	-0508.3	5993	9.0	231910.5	-0547.7	6083	8.0	234756.8	-0542.3	56	9.9	01447.9	-0639.8
5904	10.	225238.6	-0537.6	5994	9.8	231942.0	-0517.8	6084	9.6	234830.9	-0503.3	57	9.5	01451.2	-0646.1
5905	8.5	225307.1	-0519.7	5995	9.1	232042.8	-0556.5	6085	10.	234843.0	-0511.9	58	9.0	01537.5	-0641.7
5906	10.	225324.4	-0514.0	5996	9.0	232110.2	-0504.8	6086	10.	234857.0	-0503.4	59	9.2	01611.0	-0632.8
5907	9.7	225335.8	-0519.4	5997	9.1	232111.1	-0515.3	6087	9.8	234914.1	-0506.2	60	9.2	01625.9	-0626.5
5908	10.	225336.6	-0507.5	5998	10.	232135.3	-0504.5	6088	8.5	235012.6	-0544.9	61	10.	01637.6	-0625.3
5909	9.0	225353.1	-0508.8	5999	8.2	232202.4	-0519.1	6089	9.6	235038.5	-0500.2	62	9.7	01711.1	-0651.7
5910	6.0	225401.2	-0529.0	6000	9.6	232215.9	-0532.6	6090	9.5	235039.9	-0512.7	63	10.	01728.5	-0606.9
5911	9.2	225436.0	-0543.8	6001	9.0	232244.9	-0538.1	6091	9.8	235055.0	-0514.4	64	9.7	01738.0	-0607.8
5912	9.3	225451.1	-0543.8	6002	9.5	232252.5	-0538.4	6092	9.9	235116.0	-0500.2	65	9.6	01816.6	-0644.6
5913	9.5	225503.1	-0500.0	6003	8.0	232329.1	-0551.2	6093	9.2	235126.0	-0505.4	66	9.4	01826.0	-0609.4
5914	10.	225542.3	-0550.9	6004	9.3	232349.9	-0551.2	6094	10.	235146.4	-0528.3	67	9.1	01832.7	-0652.5
5915	9.8	225551.2	-0554.8	6005	8.9	232356.8	-0506.0	6095	10.	235157.3	-0551.5	68	9.4	01902.4	-0636.9
5916	9.7	225556.4	-0503.7	6006	9.4	232412.9	-0512.8	6096	10.	235330.4	-0525.6	69	9.9	01915.6	-0624.3
5917	7.0	225624.0	-0534.4	6007	9.5	232422.4	-0532.7	6097	8.5	235334.1	-0543.9	70	10.	01916.8	-0616.4
5918	9.4	225627.5	-0512.2	6008	10.	232438.1	-0556.5	6098	9.4	235352.9	-0541.6	71	8.5	01928.7	-0619.9
5919	10.	225632.4	-0553.0	6009	9.5	232511.3	-0558.5	6099	10.	235408.3	-0549.5	72	9.4	01929.1	-0619.2
5920	10.	225714.9	-0508.8	6010	9.5	232525.3	-0513.1	6100	8.5	235509.3	-0559.8	73	9.0	01941.2	-0651.8
5921	8.7	225716.7	-0556.5	6011	7.2	232559.9	-0511.6	6101	10.	235515.2	-0552.7	74	10.	02032.3	-0644.1
5922	9.7	225754.6	-0543.9	6012	9.0	232618.6	-0555.9	6102	10.	235559.4	-0557.0	75	10.	02036.1	-0606.8
5923	8.8	225758.2	-0501.8	6013	10.	232632.0	-0513.1	6103	8.7	235633.5	-0507.0	76	9.5	02140.4	-0649.4
5924	10.	225816.2	-0544.6	6014	9.6	232641.5	-0526.6	6104	10.	235640.9	-0559.2	77	9.4	02141.0	-0654.3
5925	10.	225836.1	-0514.3	6015	10.	232714.4	-0533.2	6105	9.0	235645.2	-0544.1	78	9.8	02142.1	-0609.8
5926	9.6	225838.2	-0538.0	6016	9.5	232739.7	-0559.2	6106	9.5	235654.1	-0513.0	79	7.8	02154.0	-0642.2
5927	10.	225944.1	-0519.2	6017	9.7	232743.9	-0516.4	6107	10.	235657.4	-0558.3	80	8.3	02155.3	-0626.3
5928	9.8	225949.0	-0502.2	6018	10.	232745.4	-0525.4	6108	9.3	235737.5	-0546.8	81	9.3	02202.0	-0628.6
5929	9.5	225957.6	-0549.1	6019	10.	232749.9	-0559.2	6109	9.5	235738.0	-0537.2	82	9.1	02237.4	-0633.7
5930	10.	230007.4	-0556.8	6020	9.7	232921.4	-0500.6	6110	10.	235742.1	-0514.0	83	8.5	02237.9	-0654.0
5931	8.9	230016.7	-0552.7	6021	10.	232940.0	-0544.8	6111	10.	235755.6	-0553.3	84	9.8	02323.5	-0602.8
5932	8.8	230024.6	-0535.3	6022	8.7	233009.2	-0554.5	6112	9.5	235831.1	-0535.9	85	9.5	02350.1	-0635.9
5933	9.8	230029.4	-0535.7	6023	10.	233031.0	-0558.0	6113	9.7	235841.6	-0520.0	86	9.1	02430.0	-0604.0
5934	9.6	230056.6	-0508.2	6024	9.4	233057.6	-0548.5	6114	10.	235845.5	-0558.8	87	9.8	02501.1	-0630.1
5935	8.9	230109.7	-0533.7	6025	9.5	233107.2	-0514.7	6115	9.4	235903.6	-0503.5	88	10.	02601.2	-0647.8
5936	10.	230124.4	-0552.3	6026	9.6	233134.0	-0544.7	6116	9.3	235907.4	-0556.0	89	8.8	02652.4	-0632.2
5937	9.6	230154.5	-0517.2	6027	9.5	233146.9	-0503.8	6117	8.3	235921.1	-0509.3	90	10.	02719.3	-0637.8
5938	9.5	230305.8	-0556.9	6028	9.0	233204.0	-0545.0	1	8.9	00022.4	-0617.7	91	9.8	02759.7	-0608.5
5939	8.9	230306.9	-0546.3	6029	8.8	233216.1	-0528.1	2	10.	00031.5	-0643.0	92	9.0	02809.4	-0656.7
5940	9.1	230308.6	-0552.4	6030	9.0	233219.4	-0508.4	3	8.8	00050.4	-0609.1	93	9.1	02822.2	-0652.0
5941	9.5	230317.3	-0558.9	6031	9.8	233222.4	-0508.0	4	9.5	00056.7	-0627.3	94	9.1	02827.1	-0629.2
5942	9.5	230322.0	-0513.2	6032	10.	233227.7	-0511.8	5	9.1	00101.2	-0653.8	95	9.8	02837.2	-0603.5
5943	9.4	230334.8	-0548.7	6033	8.7	233350.1	-0515.5	6	9.5	00126.4	-0601.4	96	6.5	02838.0	-0621.8
5944	9.0	230340.2	-0506.3	6034	9.5	233407.6	-0543.8	7	9.7	00150.7	-0632.4	97	9.3	02841.1	-0633.9
5945	8.5	230347.3	-0553.2	6035	9.5	233501.5	-0531.5	8	9.8	00219.5	-0622.5	98	9.7	02854.2	-0630.8
5946	9.3	230422.1	-0536.2	6036	10.	233524.7	-0536.4	9	10.	00233.9	-0624.1	99	9.6	02855.2	-0612.0
5947	9.3	230500.6	-0547.6	6037	9.5	233545.8	-0519.5	10	9.6	00246.3	-0601.3	100	9.4	02932.1	-0640.6
5948	9.8	230536.7	-0532.2	6038	9.7	233620.3	-0555.0	11	6.8	00258.2	-0603.4	101	8.5	02934.1	-0654.1
5949	9.5	230538.7	-0503.3	6039	10.	233647.1	-0553.4	12	8.7	00259.3	-0650.7	102	9.3	03022.8	-0632.1
5950	9.6	230600.8	-0523.8	6040	9.8	233701.7	-0528.3	13	9.5	00314.2	-0649.1	103	8.5	03034.3	-0647.7
5951	9.5	230611.3	-0535.6	6041	8.7	233707.8	-0548.6	14	9.4	00320.4	-0629.0	104	10.	03053.2	-0630.7
5952	10.	230627.4	-0542.6	6042	9.5	233710.6	-0510.9	15	9.5	00338.4	-0635.5	105	9.8	03058.8	-0618.2
5953	9.5	230646.6	-0500.3	6043	10.	233748.2	-0528.0	16	9.5	00447.1	-0640.7	106	9.5	03118.2	-0636.1
5954	10.	230657.2	-0536.0	6044	9.0	233806.7	-0535.5	17	10.	00450.3	-0655.2	107	9.4	03118.7	-0634.2
5955	10.	230702.4	-0540.3	6045	9.6	233855.5	-0539.1	18	9.1	00452.1	-0644.4	108	10.	03136.3	-0628.9
5956	9.5	230709.1	-0502.8	6046	9.5	233950.6	-0516.5	19	8.0	00547.9	-0602.9	109	9.5	03206.3	-0621.4
5957	8.2	230751.2	-0519.2	6047	9.5	234007.9	-0558.3	20	9.8	00551.2	-0612.6	110	9.0	03224.7	-0603.7
5958	9.6	230912.9	-0555.2	6048	7.3	234012.1	-0515.6	21	9.2	00554.8	-0647.3	111	9.5	03243.4	-0652.8
5959	8.8	230916.6	-0500.6	6049	9.2	234013.9	-0507.8	22	9.5	00615.1	-0626.2	112	9.3	03322.2	-0603.7
5960	9.6	230926.9	-0553.8	6050	9.4	234014.7	-0555.6	23	10.	00622.9	-0600.7	113	10.	03356.9	-0617.4
5961	7.8	230945.7	-0513.6	6051	9.3	234015.5	-0521.9	24	9.5	00635.0	-0620.0	114	10.	03416.4	-0636.8
5962	9.4	230952.8	-0548.7	6052	8.8	234023.2	-0544.2	25	9.8	00637.7	-0614.9	115	8.9	03426.8	-0649.3
5963	8.5	231024.2	-0518.9	6053	9.7	234043.3	-0500.0	26	9.3	00641.2	-0625.9	116	9.0	03451.9	-0625.7
5964	9.8	231054.2	-0536.2	6054	10.	234046.4	-0553.5	27	9.8	00649.5	-0623.1	117	9.2	03458.3	-0630.2
5965	8.7	231121.4	-0553.7	6055	8.9	234101.6	-0529.0	28	9.7	00733.8	-0657.3	118	9.5	03504.0	-0655.4
5966	6.2	231153.2	-0554.8	6056	7.7	234117.5	-0514.3	29	8.0	00752.4	-0656.7	119	9.2	03504.8	-0630.7
5967	9.7	231158.9	-0545.0	6057	9.9	234146.4	-0555.9	30	7.6	00826.5	-0624.3	120	9.9	03511.3	-0624.8
5968	10.	231208.3	-0514.9	6058	10.	234152.5	-0510.0	31	10.	00859.0	-0635.4	121	9.8	03601.4	-0653.5
5969	9.9	231232.9	-0551.4	6059	10.	234210.6	-0547.9	32	10.	00906.1	-0652.4	122	9.1	03641.8	-0641.6
5970	9.7	231305.5	-0558.8	6060	9.3	234242.5	-0512.7	33	9.4	00926.6	-0622.1	123	9.2	03659.3	-0613.5
5971	9.8	231309.0	-0546.5	6061	10.	234306.6	-0509.2	34	9.3	00940.5	-0611.5	124	8.5	03707.6	-0625.7
5972	8.6	231335.9	-0533.5	6062	10.	234339.1	-0544.0	35	9.8	00949.7	-0625.4	125	9.1	03717.4	-0613.9
5973	7.0	231353.8	-0527.9	6063	9.9	234340.6	-0507.8	36	9.5	01002.8	-0644.2	126	9.5	03720.5	-0656.0
5974	9.6	231357.7	-0507.9	6064	9.3	234348.2	-0514.1	37	8.4	01023.9	-0655.1	127	10.	03724.2	-0649.2
5975	9.5	231428.8	-0545.0	6065	9.4	234402.5	-0555.9	38	9.3	01024.7	-0651.6	128	10.	03731.6	-0639.4
5976	9.3	231506.4	-0531.6	6066	9.4	234415.1	-0509.9	39	9.5	01039.0	-0646.8	129	10.	03749.7	-0647.9
5977	9.2	231515.7	-0508.8	6067	10.	234424.7	-0544.5	40	9.5	01042.8	-0646.8	130	10.	03829.8	-0643.5
5978	8.9	231521.0	-0549.7	6068	10.	234447.2	-0511.9	41	10.	01052.5	-0611.1	131	9.0	03843.9	-0626.5
5979	9.7	231526.9	-0525.7	6069	9.8	234500.1	-0501.6	42	10.	01058.7	-0630.1	132	10.	03849.3	-0602.0
5980	9.5	231528.3	-0524.0	6070	9.0	234515.1	-0506.2	43	9.7	01119.3	-0636.0	133	9.8	03858.2	-0659.2
5981	10.	231621.4	-0526.0	6071	10.	234544.7	-0517.3	44	9.1	01207.4	-0645.4	134	9.3	03924.5	-0650.0
5982	9.2	231654.2	-0511.8	6072	9.1	234556.9	-0551.5	45	9.6	01226.1	-0605.5	135	9.5	03930.5	-0653.5
5983	9.0	231658.0	-0559.5	6073	10.	234607.2	-0517.7	46	8.7	01226.8	-0615.6	136	9.5	03954.8	-0600.8
5984	9.4	231709.4	-0531.7	6074	9.2	234620.6	-0521.7	47	9.5	01229.8	-0638.2	137	9.4	04015.4	-0610.9
5985	8.9	231719.5	-0550.2	6075	8.8	234636.8	-0504.9	48	9.3	01237.3	-0638.8	138	9.6	04027.3	-0640.4
5986	9.2	231745.8	-0521.8	6076	9.2	234646.5	-0557.3	49	9.2	01313.6	-0619.9	139	8.0	04031.5	-0647.1
5987	10.	231801.2	-0501.1	6077	9.2	234647.9	-0545.4	50	9.3	01317.0	-0640.0	140	9.8	04134.9	-0641.0
5988	10.	231819.3	-0512.5	6078	9.1	234704.9	-0544.7	51	9.7	01353.5	-0610.1	141	8.7	04153.7	-0657.8
5989	9.1	231819.6	-0553.7	6079	9.1	234708.3	-0531.8	52	9.2	01355.5	-0656.5	142	10.	04219.1	-0634.8
5990	9.7	231822.8	-0549.2	6080	9.5	234724.7	-0519.1	53	9.9	01412.8	-0608.3	143	9.5	04220.0	-0624.4

144	9.3	04244.8 -0636.0	234	9.4	10610.6 -0657.9	324	9.8	13528.2 -0611.0	414	10.	20152.2 -0623.8
145	8.9	04252.6 -0659.2	235	9.4	10627.4 -0609.5	325	9.3	13543.9 -0627.2	415	9.1	20157.9 -0625.7
146	8.9	04306.2 -0616.8	236	9.5	10710.3 -0612.6	326	9.5	13551.7 -0615.0	416	9.6	20212.5 -0602.5
147	9.8	04306.4 -0643.3	237	9.5	10713.2 -0656.1	327	8.5	13634.8 -0615.0	417	9.8	20316.0 -0631.4
148	8.0	04310.0 -0606.1	238	10.	10753.4 -0618.0	328	9.4	13702.8 -0629.4	418	9.8	20339.1 -0604.9
149	10.	04317.5 -0615.9	239	9.5	10755.4 -0615.7	329	9.5	13703.6 -0625.2	419	10.	20358.4 -0648.5
150	9.9	04406.0 -0621.2	240	9.6	10857.9 -0635.2	330	9.1	13743.0 -0630.4	420	8.3	20404.7 -0619.4
151	7.8	04423.1 -0653.8	241	9.0	10933.3 -0633.9	331	9.9	13754.0 -0635.3	421	7.8	20427.3 -0649.0
152	9.1	04425.0 -0622.0	242	9.3	10934.0 -0600.0	332	9.4	13756.0 -0629.4	422	9.3	20453.4 -0631.2
153	8.3	04450.5 -0647.7	243	9.1	10945.0 -0643.7	333	9.7	13815.8 -0608.8	423	9.0	20503.0 -0604.0
154	10.	04540.3 -0648.7	244	7.8	11001.9 -0623.6	334	9.1	13833.4 -0600.6	424	9.5	20515.3 -0649.7
155	10.	04542.7 -0638.4	245	9.4	11020.5 -0620.0	335	9.5	13842.1 -0656.6	425	9.4	20534.5 -0642.8
156	8.6	04545.0 -0624.6	246	9.0	11023.3 -0639.4	336	5.8	13843.0 -0627.7	426	10.	20535.8 -0652.7
157	9.1	04555.4 -0626.8	247	9.7	11028.3 -0602.1	337	9.5	13849.8 -0639.6	427	9.0	20600.2 -0640.8
158	9.3	04604.1 -0632.5	248	9.4	11036.4 -0606.2	338	9.2	13900.3 -0630.2	428	9.9	20604.4 -0659.6
159	9.0	04629.0 -0645.4	249	9.8	11057.0 -0620.9	339	9.0	13957.6 -0658.8	429	10.	20611.1 -0627.8
160	9.6	04650.9 -0637.0	250	9.0	11139.8 -0637.8	340	9.0	14107.3 -0604.8	430	9.3	20639.0 -0629.5
161	9.8	04738.7 -0652.4	251	8.0	11217.4 -0605.2	341	10.	14112.1 -0626.4	431	9.1	20704.2 -0605.9
162	8.6	04748.5 -0613.1	252	9.4	11310.0 -0625.7	342	10.	14142.1 -0640.1	432	9.0	20721.1 -0637.4
163	9.8	04751.1 -0645.2	253	9.1	11322.2 -0659.6	343	9.7	14210.4 -0643.2	433	9.7	20731.7 -0642.7
164	9.7	04755.0 -0635.9	254	9.1	11327.5 -0615.1	344	10.	14216.0 -0652.2	434	8.5	20737.3 -0647.0
165	8.6	04840.0 -0615.0	255	9.3	11345.8 -0653.8	345	8.5	14244.6 -0653.8	435	10.	20750.6 -0605.5
166	9.5	04849.5 -0609.6	256	6.5	11359.3 -0655.0	346	9.7	14304.7 -0602.3	436	9.8	20822.6 -0608.0
167	9.0	04903.5 -0608.3	257	9.4	11407.9 -0603.0	347	9.4	14310.5 -0651.1	437	10.	20832.8 -0651.5
168	9.5	04920.2 -0656.1	258	9.6	11436.4 -0606.7	348	9.0	14311.1 -0630.4	438	9.9	20840.4 -0646.5
169	10.	04931.1 -0624.3	259	9.4	11447.8 -0603.5	349	9.3	14311.4 -0634.5	439	9.9	20907.6 -0631.8
170	8.6	04957.5 -0653.4	260	9.5	11502.3 -0646.8	350	9.8	14340.4 -0618.7	440	9.1	20928.8 -0620.7
171	9.2	05005.5 -0653.4	261	10.	11524.3 -0630.8	351	8.8	14347.3 -0611.5	441	9.9	20934.3 -0652.5
172	9.3	05014.1 -0616.1	262	9.4	11534.4 -0641.0	352	9.8	14410.2 -0656.7	442	9.3	20936.1 -0647.4
173	10.	05026.3 -0611.3	263	10.	11539.6 -0640.7	353	10.	14449.7 -0602.4	443	9.9	20951.9 -0649.8
174	9.1	05115.6 -0656.2	264	7.4	11632.8 -0634.3	354	9.8	14504.8 -0627.0	444	9.0	21005.7 -0643.1
175	9.8	05116.6 -0617.5	265	9.5	11647.0 -0613.7	355	9.6	14511.1 -0628.9	445	9.8	21013.3 -0615.3
176	6.8	05124.8 -0639.7	266	9.5	11647.7 -0604.6	356	9.6	14520.1 -0633.5	446	9.8	21044.9 -0651.4
177	9.8	05136.0 -0611.6	267	9.4	11704.1 -0639.1	357	9.2	14526.9 -0638.9	447	8.8	21110.3 -0641.6
178	9.6	05139.1 -0612.8	268	9.0	11726.8 -0644.3	358	9.9	14631.4 -0658.5	448	9.8	21110.6 -0624.6
179	9.3	05206.7 -0626.3	269	8.8	11736.6 -0638.0	359	9.8	14632.5 -0622.4	449	9.8	21133.5 -0611.4
180	9.5	05209.7 -0635.7	270	7.0	11742.2 -0642.1	360	7.5	14721.2 -0659.0	450	9.4	21134.7 -0629.1
181	9.9	05239.7 -0620.3	271	9.8	11835.0 -0616.0	361	9.1	14731.6 -0622.4	451	9.3	21213.2 -0653.0
182	10.	05246.0 -0650.1	272	9.7	11907.7 -0604.8	362	9.5	14743.0 -0618.7	452	9.5	21213.7 -0622.7
183	10.	05319.1 -0647.4	273	9.6	12002.5 -0616.8	363	9.6	14803.6 -0649.5	453	7.5	21242.0 -0659.1
184	10.	05321.7 -0630.4	274	10.	12034.4 -0659.4	364	9.9	14832.4 -0609.3	454	9.1	21246.4 -0658.9
185	9.8	05334.9 -0636.3	275	8.2	12058.8 -0649.5	365	9.6	14836.1 -0606.2	455	9.0	21309.9 -0658.8
186	9.8	05338.6 -0606.5	276	10.	12118.1 -0617.2	366	9.8	14855.5 -0613.1	456	9.0	21318.3 -0651.2
187	9.8	05357.7 -0657.5	277	9.4	12127.6 -0639.4	367	9.4	14858.4 -0638.7	457	9.2	21331.8 -0610.1
188	8.5	05401.6 -0606.3	278	7.8	12143.1 -0627.1	368	9.5	14918.6 -0623.7	458	10.	21353.9 -0649.0
189	9.8	05414.5 -0602.5	279	9.3	12224.1 -0639.0	369	9.8	15019.1 -0624.1	459	9.3	21439.0 -0622.2
190	8.7	05422.0 -0645.2	280	7.0	12235.2 -0620.7	370	9.8	15030.0 -0644.4	460	9.9	21451.7 -0642.3
191	9.6	05424.1 -0614.7	281	9.3	12240.1 -0629.6	371	9.4	15037.7 -0624.3	461	9.9	21459.4 -0654.4
192	9.1	05524.3 -0636.7	282	9.5	12328.0 -0613.1	372	9.5	15043.1 -0651.0	462	9.6	21505.3 -0635.6
193	10.	05533.7 -0605.3	283	10.	12329.0 -0643.6	373	8.8	15052.6 -0644.6	463	9.0	21514.9 -0649.5
194	10.	05542.1 -0633.0	284	8.5	12350.1 -0617.5	374	9.3	15057.4 -0640.7	464	9.5	21525.1 -0612.9
195	9.6	05603.6 -0604.0	285	10.	12355.8 -0624.4	375	10.	15113.0 -0639.7	465	9.5	21525.4 -0620.1
196	9.3	05607.2 -0635.1	286	9.8	12408.2 -0637.9	376	8.9	15205.1 -0649.3	466	9.3	21526.0 -0624.0
197	8.5	05608.0 -0622.1	287	10.	12422.1 -0622.9	377	9.3	15222.8 -0602.9	467	9.1	21602.5 -0652.9
198	10.	05620.1 -0650.5	288	9.8	12438.8 -0648.7	378	9.0	15239.4 -0607.6	468	9.3	21602.6 -0608.7
199	9.4	05632.4 -0618.7	289	8.4	12444.6 -0638.4	379	9.5	15243.1 -0623.1	469	9.3	21607.5 -0654.9
200	8.3	05703.1 -0604.6	290	9.2	12521.2 -0636.1	380	9.3	15252.9 -0606.4	470	7.0	21608.9 -0650.6
201	7.8	05716.7 -0605.9	291	8.9	12553.3 -0643.2	381	9.5	15311.4 -0644.3	471	9.7	21701.7 -0645.7
202	8.5	05726.6 -0614.7	292	9.8	12640.2 -0605.2	382	10.	15347.3 -0657.7	472	9.8	21721.0 -0625.3
203	9.8	05743.5 -0652.9	293	9.0	12702.9 -0651.7	383	9.5	15403.8 -0613.0	473	8.9	21725.1 -0633.1
204	8.8	05824.9 -0638.0	294	9.4	12706.0 -0658.1	384	9.7	15430.5 -0631.2	474	9.5	21803.9 -0615.5
205	9.3	05904.9 -0636.0	295	9.9	12715.5 -0648.7	385	9.3	15440.6 -0646.3	475	9.3	21808.3 -0625.3
206	9.2	05935.7 -0607.5	296	10.	12750.1 -0629.7	386	9.0	15443.2 -0649.0	476	9.8	21817.0 -0624.5
207	9.0	05940.2 -0606.4	297	9.8	12816.9 -0652.0	387	9.7	15501.2 -0632.8	477	9.8	21851.5 -0630.1
208	9.1	10026.0 -0611.5	298	9.5	12820.3 -0645.4	388	9.8	15515.1 -0646.2	478	9.1	21906.8 -0604.5
209	10.	10046.2 -0652.2	299	9.6	12827.9 -0632.5	389	9.4	15534.1 -0655.6	479	9.5	21911.9 -0620.0
210	9.4	10056.1 -0659.9	300	10.	12912.0 -0612.5	390	9.3	15542.0 -0637.6	480	9.2	21935.2 -0644.3
211	9.8	10056.2 -0614.5	301	9.2	12923.5 -0631.8	391	10.	15559.2 -0651.0	481	8.2	21951.7 -0644.8
212	7.5	10107.5 -0656.8	302	9.3	12941.9 -0656.9	392	9.3	15600.4 -0600.4	482	9.8	22040.3 -0651.9
213	9.6	10118.8 -0618.5	303	9.1	12951.5 -0627.1	393	9.8	15629.0 -0607.3	483	9.8	22112.8 -0602.7
214	9.1	10120.5 -0644.0	304	9.5	13001.9 -0625.6	394	9.4	15630.4 -0629.3	484	9.0	22133.5 -0618.7
215	9.1	10125.6 -0644.9	305	9.5	13006.6 -0627.5	395	10.	15636.3 -0659.2	485	9.5	22139.7 -0600.3
216	9.8	10226.9 -0639.8	306	9.1	13043.3 -0624.4	396	9.7	15645.9 -0633.0	486	8.1	22149.8 -0606.0
217	9.0	10231.3 -0613.6	307	7.3	13128.2 -0628.2	397	7.5	15659.7 -0624.4	487	9.8	22212.6 -0656.4
218	9.8	10251.6 -0645.0	308	9.5	13140.3 -0604.0	398	9.4	15741.0 -0605.2	488	10.	22215.5 -0625.8
219	10.	10259.0 -0610.6	309	9.5	13156.4 -0655.7	399	9.0	15811.1 -0643.6	489	9.7	22248.8 -0635.6
220	6.8	10310.7 -0651.2	310	9.5	13215.0 -0656.4	400	9.5	15816.2 -0649.0	490	8.5	22308.9 -0658.6
221	9.5	10312.9 -0633.5	311	9.8	13300.9 -0657.4	401	9.0	15819.0 -0641.8	491	9.5	22317.5 -0630.2
222	9.8	10320.9 -0630.9	312	9.8	13306.3 -0641.5	402	9.5	15837.5 -0604.6	492	9.1	22338.1 -0630.6
223	10.	10324.1 -0645.7	313	9.8	13323.8 -0626.0	403	10.	15842.6 -0647.9	493	9.5	22352.1 -0658.6
224	10.	10337.0 -0638.9	314	9.0	13330.5 -0643.3	404	9.2	15853.5 -0622.6	494	9.5	22358.2 -0601.2
225	9.5	10348.9 -0633.7	315	8.5	13335.5 -0654.0	405	9.8	15853.5 -0604.8	495	9.9	22434.8 -0642.0
226	8.5	10414.8 -0606.9	316	8.4	13342.1 -0608.5	406	9.8	15922.2 -0617.5	496	9.3	22443.4 -0647.4
227	9.5	10417.7 -0647.6	317	9.9	13343.2 -0633.5	407	8.2	15926.9 -0627.9	497	9.0	22456.8 -0631.2
228	9.4	10425.3 -0656.1	318	9.0	13359.8 -0646.4	408	9.5	20007.1 -0637.1	498	9.4	22456.9 -0624.4
229	9.5	10434.3 -0633.8	319	10.	13405.2 -0651.1	409	9.5	20021.6 -0644.2	499	9.3	22529.7 -0606.2
230	9.5	10530.7 -0652.5	320	10.	13431.5 -0656.9	410	9.3	20044.2 -0643.7	500	9.5	22546.6 -0635.4
231	9.5	10555.9 -0610.4	321	9.9	13451.3 -0620.9	411	9.1	20045.6 -0605.8	501	8.2	22640.3 -0638.6
232	9.0	10607.0 -0643.9	322	9.5	13508.5 -0657.9	412	8.8	20103.2 -0626.1	502	7.0	22654.0 -0616.4
233	10.	10608.2 -0648.1	323	9.8	13522.7 -0612.0	413	9.4	20138.3 -0628.0	503	9.0	22711.5 -0656.6

-06 504 2h28m

-06 863 4h10m

504	9.4	22805.1	-0653.4	594	8.0	25625.2	-0613.4	684	9.5	32222.7	-0633.0	774	9.7	34620.4	-0605.8
505	9.4	22807.4	-0647.3	595	8.5	25637.6	-0616.0	685	9.0	32251.8	-0646.7	775	10.	34630.1	-0623.2
506	8.5	22820.0	-0618.5	596	9.1	25708.8	-0618.0	686	9.3	32325.4	-0653.9	776	9.5	34631.9	-0632.5
507	9.6	22859.5	-0612.5	597	9.0	25738.2	-0636.3	687	9.3	32326.7	-0655.4	777	9.8	34644.3	-0622.1
508	9.8	22935.5	-0645.1	598	10.	25754.2	-0600.7	688	9.5	32335.8	-0636.6	778	8.3	34701.3	-0657.2
509	9.1	22952.4	-0638.2	599	9.8	25759.0	-0659.0	689	8.5	32339.7	-0643.1	779	8.2	34720.5	-0617.0
510	9.5	23036.2	-0621.0	600	9.5	25801.0	-0633.4	690	8.1	32351.4	-0607.8	780	10.	34731.1	-0600.2
511	8.6	23106.8	-0636.0	601	9.5	25808.1	-0624.2	691	9.4	32408.2	-0620.0	781	10.	34739.7	-0601.8
512	9.8	23226.4	-0642.5	602	9.0	25808.7	-0655.6	692	9.7	32411.1	-0610.8	782	9.1	34747.4	-0617.8
513	8.9	23254.6	-0618.7	603	8.5	25826.3	-0604.4	693	9.3	32415.4	-0647.0	783	9.4	34807.2	-0601.7
514	9.5	23319.6	-0659.1	604	9.4	25830.3	-0631.0	694	8.6	32435.1	-0633.5	784	9.3	34837.3	-0650.5
515	9.8	23337.9	-0630.9	605	9.5	25909.3	-0625.5	695	8.5	32508.5	-0629.2	785	9.1	34846.4	-0636.2
516	9.5	23425.4	-0653.9	606	5.3	25923.7	-0639.0	696	9.5	32512.0	-0607.7	786	9.5	34913.3	-0635.2
517	9.5	23427.3	-0624.4	607	9.0	25951.6	-0648.0	697	9.8	32538.8	-0631.8	787	9.0	34926.2	-0648.7
518	9.4	23430.5	-0632.4	608	9.7	25956.6	-0632.7	698	10.	32545.1	-0634.3	788	9.3	34933.1	-0602.2
519	9.5	23443.6	-0613.0	609	9.3	30001.9	-0629.1	699	9.8	32618.2	-0611.6	789	8.7	34937.2	-0602.8
520	9.1	23500.9	-0643.7	610	8.5	30038.5	-0619.4	700	9.2	32618.3	-0641.5	790	9.8	34956.4	-0653.8
521	9.6	23508.0	-0631.3	611	8.9	30048.1	-0618.0	701	9.2	32646.9	-0600.5	791	9.8	35019.6	-0602.8
522	9.4	23530.4	-0639.6	612	9.8	30119.5	-0618.8	702	9.1	32736.0	-0653.1	792	9.3	35030.4	-0626.3
523	9.0	23612.4	-0604.8	613	9.7	30122.0	-0633.0	703	9.1	32855.3	-0625.3	793	9.0	35037.0	-0650.4
524	7.0	23649.2	-0637.5	614	8.5	30204.3	-0604.8	704	8.8	32905.4	-0604.5	794	9.9	35041.3	-0647.1
525	8.3	23649.3	-0657.8	615	9.3	30248.7	-0617.7	705	9.5	32938.0	-0611.1	795	8.7	35056.2	-0610.9
526	9.8	23655.2	-0641.8	616	9.0	30253.3	-0629.4	706	9.5	32955.8	-0629.6	796	9.5	35144.9	-0615.0
527	9.5	23659.3	-0640.0	617	8.6	30305.2	-0636.6	707	9.2	33010.3	-0643.1	797	9.5	35158.3	-0617.6
528	9.1	23659.8	-0613.0	618	9.5	30309.6	-0618.2	708	9.5	33014.2	-0623.5	798	9.8	35232.0	-0639.1
529	9.5	23718.9	-0602.8	619	9.7	30402.0	-0618.7	709	9.9	33028.0	-0610.0	799	8.4	35311.8	-0647.8
530	9.9	23723.0	-0613.9	620	9.5	30408.1	-0621.4	710	9.6	33055.6	-0637.0	800	9.4	35340.9	-0612.7
531	9.7	23738.3	-0631.2	621	8.5	30426.4	-0615.3	711	9.0	33118.8	-0630.0	801	9.3	35344.7	-0603.0
532	9.8	23739.0	-0621.2	622	9.0	30452.3	-0615.1	712	8.6	33120.3	-0623.3	802	8.8	35405.1	-0639.1
533	10.	23740.5	-0641.8	623	9.5	30521.2	-0602.5	713	5.8	33151.6	-0605.9	803	9.5	35421.4	-0617.8
534	9.5	23745.1	-0645.2	624	9.4	30542.8	-0631.9	714	9.0	33200.7	-0658.4	804	9.5	35430.9	-0650.5
535	9.5	23747.9	-0608.8	625	9.0	30610.6	-0616.5	715	9.1	33205.9	-0636.7	805	8.8	35506.6	-0623.4
536	9.8	23803.0	-0637.7	626	9.2	30621.5	-0612.2	716	9.0	33245.1	-0609.2	806	9.0	35507.4	-0617.7
537	9.0	23803.4	-0606.2	627	9.0	30623.9	-0652.0	717	9.5	33259.0	-0614.4	807	9.9	35613.1	-0619.9
538	9.0	23809.0	-0620.3	628	9.5	30629.7	-0620.5	718	9.3	33311.2	-0631.3	808	9.0	35631.0	-0620.0
539	9.0	23820.8	-0657.5	629	10.	30743.6	-0628.6	719	9.5	33330.3	-0606.8	809	8.0	35651.8	-0627.2
540	8.0	23934.8	-0626.3	630	8.4	30755.9	-0600.2	720	9.6	33333.1	-0650.9	810	9.8	35719.0	-0614.7
541	9.4	23943.7	-0631.5	631	8.9	30817.1	-0646.8	721	9.4	33339.7	-0658.5	811	8.4	35722.9	-0634.2
542	8.5	24001.8	-0622.7	632	10.	30817.3	-0628.4	722	8.8	33342.8	-0640.6	812	9.1	35731.9	-0634.3
543	9.4	24018.5	-0637.6	633	9.3	30823.2	-0631.8	723	9.5	33359.6	-0658.5	813	9.2	35755.6	-0624.2
544	9.6	24025.1	-0647.3	634	9.4	30835.7	-0656.8	724	9.1	33405.2	-0618.4	814	8.5	35809.3	-0648.6
545	9.5	24036.4	-0626.7	635	9.4	30850.0	-0614.9	725	9.0	33408.1	-0609.0	815	8.5	35817.2	-0644.2
546	9.5	24039.0	-0605.8	636	6.0	30851.0	-0627.2	726	8.7	33421.6	-0632.3	816	9.1	35829.0	-0618.6
547	9.4	24059.8	-0655.9	637	9.4	30853.2	-0623.5	727	9.4	33443.4	-0624.8	817	9.5	35837.3	-0639.7
548	9.0	24112.7	-0650.5	638	6.3	30911.4	-0616.2	728	8.7	33451.0	-0653.1	818	9.5	35919.1	-0608.0
549	8.4	24116.6	-0647.3	639	9.8	30939.9	-0655.8	729	9.5	33515.1	-0612.8	819	9.9	35923.7	-0641.4
550	7.2	24117.5	-0620.5	640	9.8	31034.8	-0608.1	730	9.5	33521.5	-0601.6	820	9.5	35948.0	-0618.1
551	9.6	24130.3	-0621.3	641	9.5	31040.0	-0620.3	731	9.4	33554.5	-0629.5	821	9.6	40020.8	-0635.1
552	9.5	24138.4	-0630.5	642	9.4	31040.6	-0612.6	732	9.7	33559.8	-0610.1	822	7.0	40021.6	-0623.6
553	9.4	24149.1	-0612.6	643	8.8	31042.9	-0627.3	733	9.8	33600.4	-0607.6	823	9.0	40023.1	-0651.5
554	9.2	24208.7	-0628.2	644	8.9	31104.3	-0656.9	734	9.0	33632.7	-0618.4	824	9.3	40059.7	-0603.8
555	9.4	24214.7	-0629.8	645	10.	31105.1	-0648.5	735	10.	33640.9	-0657.3	825	9.5	40124.8	-0601.0
556	9.9	24220.0	-0610.8	646	9.3	31108.5	-0639.5	736	9.0	33655.0	-0631.0	826	9.5	40136.8	-0600.5
557	10.	24228.7	-0609.5	647	9.3	31112.0	-0642.2	737	9.4	33659.7	-0616.9	827	10.	40137.4	-0656.3
558	9.9	24256.0	-0652.5	648	9.3	31210.1	-0647.8	738	9.0	33703.6	-0621.9	828	9.5	40145.3	-0641.1
559	9.9	24303.3	-0653.6	649	9.8	31214.0	-0634.4	739	9.4	33704.4	-0618.1	829	8.9	40147.1	-0624.7
560	9.2	24308.0	-0631.4	650	9.5	31215.6	-0622.0	740	9.5	33706.0	-0647.0	830	9.7	40149.4	-0649.4
561	9.0	24419.2	-0620.6	651	9.4	31225.2	-0647.6	741	9.9	33745.6	-0608.6	831	9.0	40159.6	-0634.0
562	9.8	24427.8	-0616.0	652	9.1	31226.4	-0630.2	742	9.5	33813.5	-0632.9	832	9.3	40218.9	-0614.2
563	8.5	24520.1	-0639.1	653	9.4	31238.4	-0615.4	743	9.0	33831.5	-0646.6	833	9.4	40224.4	-0605.3
564	9.2	24522.5	-0629.4	654	9.5	31305.4	-0629.4	744	9.7	33846.4	-0630.4	834	9.6	40226.8	-0603.0
565	10.	24539.4	-0622.4	655	9.8	31329.7	-0601.8	745	9.0	33847.5	-0656.4	835	9.4	40231.6	-0629.6
566	8.5	24546.3	-0612.5	656	9.8	31341.1	-0643.3	746	9.0	33849.4	-0624.8	836	9.9	40255.1	-0635.1
567	9.3	24603.0	-0612.9	657	9.9	31341.9	-0634.4	747	9.5	33926.4	-0639.9	837	9.4	40257.4	-0606.2
568	9.7	24603.3	-0610.5	658	9.1	31402.0	-0643.1	748	10.	33942.8	-0638.0	838	8.5	40304.5	-0626.5
569	9.2	24605.9	-0600.5	659	10.	31408.9	-0608.7	749	9.3	33950.2	-0616.7	839	9.5	40350.0	-0614.8
570	9.4	24629.2	-0600.3	660	9.5	31419.8	-0606.3	750	9.7	34008.3	-0656.8	840	9.0	40424.1	-0620.8
571	9.8	24631.3	-0626.6	661	9.3	31445.0	-0640.6	751	9.1	34034.2	-0643.0	841	9.1	40505.7	-0624.2
572	9.1	24709.4	-0654.0	662	9.1	31457.9	-0612.6	752	9.9	34053.0	-0640.0	842	9.0	40525.6	-0653.2
573	9.5	24733.4	-0620.8	663	8.4	31505.0	-0616.0	753	9.1	34117.7	-0654.3	843	9.5	40539.9	-0623.3
574	8.6	24925.8	-0650.4	664	9.4	31513.9	-0623.8	754	8.5	34126.1	-0646.9	844	9.5	40540.3	-0641.0
575	9.0	24930.8	-0615.4	665	9.2	31515.4	-0607.9	755	9.5	34135.5	-0619.0	845	10.	40541.7	-0655.8
576	8.9	25013.9	-0654.9	666	9.2	31526.0	-0655.5	756	9.0	34209.0	-0642.7	846	9.3	40545.6	-0618.9
577	9.5	25105.3	-0613.8	667	9.4	31554.8	-0654.8	757	9.4	34214.9	-0626.6	847	7.3	40550.4	-0645.2
578	9.5	25201.5	-0626.7	668	9.8	31603.5	-0615.8	758	9.2	34329.7	-0633.6	848	9.6	40554.9	-0630.2
579	8.6	25205.9	-0649.6	669	9.1	31627.9	-0631.6	759	8.8	34354.6	-0630.3	849	9.4	40628.3	-0629.7
580	9.4	25218.7	-0634.8	670	9.0	31642.3	-0606.9	760	9.4	34401.9	-0619.5	850	9.4	40642.1	-0622.1
581	9.5	25242.3	-0613.8	671	9.4	31644.3	-0629.1	761	9.4	34410.4	-0647.1	851	9.5	40705.9	-0631.5
582	9.4	25249.0	-0643.1	672	9.2	31719.1	-0639.8	762	9.4	34424.6	-0649.4	852	9.8	40706.7	-0626.7
583	8.9	25258.2	-0610.0	673	9.8	31739.6	-0639.8	763	9.2	34448.3	-0611.0	853	9.5	40720.2	-0637.7
584	9.0	25300.2	-0639.4	674	9.3	31821.4	-0635.0	764	8.9	34501.0	-0640.5	854	9.8	40737.6	-0601.1
585	9.1	25348.3	-0644.6	675	9.4	31837.5	-0618.3	765	9.5	34532.8	-0641.2	855	9.8	40745.4	-0606.6
586	9.9	25443.1	-0653.0	676	9.5	31947.5	-0611.8	766	9.0	34541.9	-0622.8	856	10.	40801.6	-0652.0
587	9.1	25456.0	-0638.0	677	9.3	32035.6	-0638.6	767	9.8	34547.4	-0634.9	857	9.8	40815.3	-0652.5
588	8.8	25507.0	-0622.8	678	9.4	32045.3	-0631.5	768	9.5	34547.8	-0658.9	858	9.3	40846.4	-0607.6
589	9.1	25524.6	-0601.2	679	9.5	32100.0	-0616.1	769	9.2	34548.5	-0623.0	859	9.2	40851.0	-0615.0
590	9.7	25545.6	-0628.4	680	9.6	32130.7	-0622.1	770	9.6	34559.5	-0624.8	860	9.5	40926.6	-0630.7
591	9.1	25548.5	-0656.6	681	9.0	32154.4	-0610.0	771	9.6	34603.0	-0625.5	861	9.1	40932.4	-0608.3
592	9.3	25621.3	-0604.4	682	9.0	32209.6	-0636.4	772	9.1	34617.5	-0616.3	862	6.8	41014.1	-0649.5
593	9.3	25622.9	-0612.4	683	9.0	32214.4	-0603.5	773	10.	34618.9	-0631.8	863	9.5	41017.7	-0602.5

864	9.2	41100.8	-0639.9	954	9.8	43152.4	-0603.8	1044	9.0	45217.5	-0600.0	1134	9.0	51056.7	-0635.5
865	9.6	41103.8	-0629.3	955	9.8	43221.3	-0642.9	1045	9.4	45222.6	-0603.5	1135	9.0	51122.3	-0657.0
866	9.8	41130.2	-0647.3	956	9.8	43232.3	-0602.3	1046	9.4	45228.2	-0635.7	1136	7.5	51128.7	-0623.8
867	9.1	41132.1	-0635.7	957	9.6	43257.2	-0657.3	1047	9.5	45245.1	-0642.5	1137	9.2	51206.2	-0653.4
868	9.7	41207.6	-0628.5	958	9.8	43302.7	-0620.2	1048	10.	45248.0	-0636.3	1138	9.4	51209.1	-0647.8
869	9.8	41207.9	-0620.8	959	9.0	43329.5	-0612.4	1049	9.5	45257.8	-0605.1	1139	9.5	51216.5	-0601.8
870	8.7	41209.1	-0652.4	960	10.	43354.6	-0615.9	1050	9.8	45304.3	-0617.0	1140	9.3	51236.6	-0616.6
871	9.9	41226.6	-0655.2	961	9.0	43414.0	-0648.1	1051	8.0	45307.4	-0631.1	1141	8.5	51302.5	-0600.2
872	9.0	41249.0	-0630.5	962	9.4	43445.5	-0633.1	1052	8.2	45314.3	-0624.5	1142	9.3	51309.6	-0618.5
873	9.1	41310.3	-0630.7	963	8.8	43446.3	-0629.4	1053	9.5	45317.4	-0652.8	1143	9.0	51317.7	-0627.5
874	9.4	41317.5	-0633.0	964	9.8	43457.7	-0617.3	1054	9.8	45323.1	-0600.7	1144	9.0	51322.0	-0642.3
875	6.8	41332.2	-0635.2	965	9.5	43502.6	-0642.3	1055	9.2	45327.7	-0612.3	1145	9.0	51322.1	-0634.7
876	10.	41339.5	-0652.4	966	9.5	43521.8	-0618.7	1056	9.5	45336.8	-0606.1	1146	9.0	51339.8	-0634.7
877	9.8	41344.8	-0620.8	967	9.6	43525.0	-0647.0	1057	9.3	45337.9	-0617.9	1147	8.9	51348.3	-0631.7
878	7.3	41423.9	-0625.0	968	9.0	43530.3	-0619.5	1058	8.8	45352.2	-0608.0	1148	9.3	51359.3	-0638.3
879	7.2	41432.3	-0637.8	969	6.8	43533.9	-0601.9	1059	9.5	45401.0	-0656.7	1149	9.8	51406.7	-0631.1
880	9.0	41433.8	-0622.1	970	7.8	43603.2	-0644.5	1060	9.5	45417.6	-0639.6	1150	9.3	51410.6	-0608.2
881	9.0	41439.4	-0616.4	971	8.6	43611.4	-0601.0	1061	9.3	45427.0	-0600.0	1151	9.3	51415.2	-0653.4
882	9.3	41439.5	-0605.1	972	9.7	43617.4	-0646.5	1062	9.8	45435.7	-0646.5	1152	9.5	51429.6	-0609.1
883	8.9	41444.1	-0651.2	973	9.7	43625.0	-0648.2	1063	8.8	45439.9	-0650.8	1153	8.5	51449.2	-0650.1
884	9.5	41455.0	-0646.7	974	10.	43625.1	-0625.1	1064	8.6	45455.5	-0639.2	1154	9.5	51509.7	-0635.4
885	8.9	41458.7	-0612.4	975	9.5	43634.1	-0651.2	1065	9.8	45514.0	-0648.9	1155	9.0	51527.5	-0603.7
886	9.3	41502.8	-0637.5	976	9.5	43701.8	-0622.1	1066	9.5	45522.8	-0637.7	1156	9.6	51543.8	-0632.2
887	9.9	41504.3	-0656.8	977	10.	43705.8	-0646.9	1067	9.8	45526.2	-0617.1	1157	9.3	51547.3	-0634.2
888	10.	41523.4	-0634.7	978	9.5	43720.8	-0619.2	1068	9.5	45530.5	-0600.8	1158	8.5	51555.2	-0651.1
889	9.5	41554.7	-0653.4	979	8.9	43722.6	-0629.9	1069	9.5	45534.4	-0644.9	1159	9.5	51601.7	-0625.1
890	9.5	41618.6	-0654.7	980	9.2	43728.9	-0626.9	1070	9.8	45542.7	-0611.6	1160	9.3	51621.6	-0625.3
891	9.9	41621.1	-0618.6	981	9.7	43741.7	-0617.5	1071	8.5	45607.0	-0650.5	1161	9.3	51628.9	-0639.9
892	10.	41622.4	-0611.7	982	9.0	43746.4	-0600.3	1072	10.	45632.9	-0622.1	1162	9.4	51631.8	-0635.5
893	9.4	41634.5	-0618.6	983	8.6	43754.7	-0619.5	1073	8.4	45654.6	-0603.5	1163	8.5	51641.3	-0658.7
894	9.5	41653.8	-0654.3	984	9.6	43810.8	-0655.7	1074	10.	45712.4	-0641.8	1164	9.5	51650.0	-0643.5
895	9.4	41706.0	-0632.8	985	9.6	43847.6	-0653.3	1075	7.2	45712.7	-0614.4	1165	8.4	51654.4	-0601.7
896	9.8	41718.0	-0625.5	986	8.8	43850.3	-0644.1	1076	9.4	45715.3	-0650.0	1166	8.1	51713.3	-0656.9
897	8.7	41720.7	-0654.5	987	9.8	43908.1	-0650.2	1077	9.8	45715.6	-0626.9	1167	9.0	51724.6	-0617.7
898	8.2	41737.2	-0601.7	988	10.	43909.7	-0616.0	1078	9.9	45735.9	-0636.6	1168	9.5	51730.6	-0615.9
899	10.	41802.2	-0601.1	989	9.4	43931.7	-0629.2	1079	9.8	45742.5	-0624.4	1169	9.2	51737.6	-0622.2
900	9.8	41803.0	-0621.5	990	10.	43953.6	-0618.1	1080	9.8	45744.1	-0651.4	1170	10.	51747.2	-0644.3
901	9.8	41805.3	-0606.3	991	9.5	44004.6	-0610.9	1081	8.4	45801.7	-0643.6	1171	10.	51800.1	-0641.4
902	10.	41824.6	-0648.4	992	9.0	44101.4	-0640.3	1082	9.8	45827.0	-0639.1	1172	9.5	51827.1	-0647.4
903	9.1	41828.9	-0657.5	993	9.1	44142.6	-0625.6	1083	9.8	45827.9	-0619.6	1173	9.5	51839.3	-0655.9
904	9.3	41856.3	-0630.3	994	8.7	44144.9	-0606.1	1084	8.9	45837.2	-0610.0	1174	9.4	51849.6	-0624.8
905	10.	41905.8	-0639.0	995	9.3	44203.0	-0630.2	1085	9.4	45853.9	-0626.1	1175	7.5	51850.5	-0629.5
906	8.0	41935.9	-0644.1	996	9.8	44214.4	-0606.2	1086	8.8	45919.2	-0630.8	1176	8.0	51851.5	-0607.5
907	9.9	41940.3	-0657.9	997	9.3	44234.7	-0618.2	1087	9.0	45923.5	-0605.4	1177	9.0	51913.0	-0642.0
908	9.5	41949.1	-0619.6	998	10.	44237.8	-0636.5	1088	9.5	45932.9	-0642.7	1178	9.3	51915.7	-0631.9
909	9.3	42000.0	-0616.9	999	8.5	44238.0	-0653.7	1089	10.	50013.7	-0632.5	1179	9.5	51927.3	-0652.3
910	9.5	42013.6	-0631.6	1000	7.8	44238.6	-0640.1	1090	8.0	50058.6	-0623.7	1180	8.5	51938.8	-0637.5
911	7.9	42014.1	-0610.4	1001	9.2	44304.8	-0651.8	1091	9.3	50106.5	-0659.5	1181	9.0	51951.0	-0639.8
912	9.5	42039.5	-0647.2	1002	9.7	44314.9	-0656.5	1092	9.2	50137.5	-0616.1	1182	9.5	52008.2	-0647.9
913	10.	42041.3	-0606.6	1003	9.4	44356.8	-0617.6	1093	9.8	50151.5	-0625.7	1183	9.5	52009.0	-0639.9
914	10.	42055.3	-0601.7	1004	9.8	44358.7	-0651.6	1094	8.0	50203.8	-0637.6	1184	9.0	52011.6	-0611.9
915	9.8	42132.6	-0627.2	1005	9.5	44409.8	-0619.8	1095	9.5	50206.5	-0601.0	1185	9.0	52021.7	-0645.2
916	9.3	42156.1	-0622.1	1006	9.1	44411.5	-0604.6	1096	9.3	50213.0	-0658.6	1186	9.5	52028.6	-0618.6
917	9.7	42249.4	-0614.7	1007	9.5	44433.4	-0639.5	1097	9.5	50217.0	-0643.9	1187	9.3	52039.4	-0654.1
918	9.2	42255.1	-0620.0	1008	9.8	44459.0	-0627.2	1098	9.0	50315.3	-0654.6	1188	9.5	52052.7	-0626.6
919	9.3	42302.5	-0655.7	1009	9.8	44515.7	-0629.6	1099	9.5	50317.2	-0652.8	1189	9.3	52117.6	-0610.4
920	9.5	42306.0	-0630.1	1010	9.6	44516.3	-0620.0	1100	9.4	50328.7	-0628.9	1190	9.4	52129.8	-0632.5
921	9.7	42307.6	-0650.4	1011	8.2	44540.9	-0635.9	1101	9.5	50338.0	-0644.4	1191	9.0	52136.8	-0633.8
922	9.5	42337.7	-0653.8	1012	8.8	44542.0	-0631.8	1102	9.5	50349.1	-0647.0	1192	8.5	52201.2	-0646.4
923	9.5	42406.6	-0627.1	1013	9.5	44603.3	-0631.9	1103	9.2	50355.8	-0633.6	1193	9.8	52206.3	-0616.3
924	10.	42411.7	-0622.7	1014	10.	44610.0	-0629.6	1104	8.0	50403.6	-0612.1	1194	10.	52219.4	-0606.3
925	9.8	42439.8	-0644.9	1015	8.7	44613.2	-0636.2	1105	9.0	50413.4	-0659.5	1195	9.6	52223.1	-0616.5
926	9.8	42444.2	-0659.2	1016	9.5	44628.1	-0648.8	1106	9.0	50517.5	-0602.6	1196	9.5	52254.3	-0651.8
927	10.	42447.0	-0653.6	1017	9.7	44636.0	-0633.1	1107	9.0	50529.7	-0624.5	1197	9.0	52301.1	-0602.1
928	9.8	42457.3	-0609.6	1018	10.	44640.1	-0648.0	1108	9.4	50537.9	-0639.8	1198	9.3	52303.1	-0642.9
929	9.0	42545.2	-0602.1	1019	8.3	44711.4	-0649.7	1109	6.5	50541.6	-0613.8	1199	9.2	52307.3	-0623.5
930	9.1	42548.3	-0643.0	1020	9.1	44720.1	-0635.7	1110	9.5	50559.3	-0629.2	1200	8.0	52311.1	-0606.1
931	8.8	42548.7	-0637.8	1021	9.9	44752.7	-0616.0	1111	10.	50614.4	-0659.4	1201	9.1	52311.6	-0627.6
932	9.5	42555.5	-0646.6	1022	10.	44753.3	-0641.9	1112	8.0	50645.3	-0656.5	1202	9.0	52322.2	-0619.9
933	9.8	42635.7	-0621.8	1023	9.9	44822.5	-0608.6	1113	9.0	50655.1	-0647.8	1203	9.5	52354.3	-0634.2
934	9.0	42646.3	-0633.0	1024	8.0	44828.6	-0620.5	1114	9.0	50657.3	-0659.2	1204	8.0	52355.2	-0618.6
935	9.0	42647.2	-0649.3	1025	8.6	44829.0	-0640.8	1115	9.0	50707.1	-0649.1	1205	9.8	52400.5	-0647.7
936	9.0	42648.3	-0639.9	1026	9.4	44840.3	-0652.8	1116	9.3	50728.6	-0618.2	1206	9.5	52415.2	-0617.3
937	8.7	42656.2	-0631.3	1027	9.5	44902.4	-0622.0	1117	9.5	50732.1	-0648.9	1207	6.8	52418.2	-0649.1
938	10.	42722.7	-0656.0	1028	9.3	44937.9	-0603.8	1118	9.5	50741.7	-0622.7	1208	9.5	52504.2	-0617.2
939	9.4	42729.7	-0651.4	1029	9.5	44941.3	-0654.8	1119	9.5	50802.1	-0614.7	1209	8.2	52504.7	-0649.0
940	9.4	42733.6	-0646.6	1030	9.4	44949.5	-0641.9	1120	9.5	50805.6	-0613.5	1210	9.3	52509.2	-0614.5
941	9.9	42744.6	-0616.6	1031	9.7	44954.8	-0616.6	1121	7.5	50806.3	-0658.4	1211	9.1	52512.5	-0630.7
942	9.4	42755.7	-0655.3	1032	8.0	45002.4	-0645.6	1122	10.	50816.2	-0609.2	1212	8.5	52515.6	-0630.5
943	8.9	42827.2	-0623.5	1033	9.5	45012.5	-0606.0	1123	9.5	50842.3	-0654.8	1213	9.5	52518.5	-0649.6
944	9.2	42842.6	-0619.6	1034	8.6	45020.5	-0639.1	1124	9.5	50844.0	-0603.3	1214	9.0	52522.3	-0624.4
945	9.1	42850.8	-0650.3	1035	9.0	45038.7	-0613.5	1125	9.3	50905.8	-0631.9	1215	9.0	52532.1	-0606.5
946	9.5	42908.6	-0614.9	1036	9.4	45047.9	-0638.0	1126	9.6	50906.5	-0606.4	1216	9.0	52537.5	-0659.7
947	9.5	43016.9	-0604.5	1037	9.5	45048.2	-0612.0	1127	8.7	50919.9	-0640.6	1217	8.9	52548.3	-0637.3
948	10.	43019.7	-0657.8	1038	7.5	45049.3	-0619.5	1128	9.0	50932.0	-0645.0	1218	9.0	52548.4	-0636.4
949	9.4	43021.2	-0636.1	1039	9.2	45121.5	-0602.3	1129	9.0	50944.3	-0657.1	1219	9.5	52611.2	-0613.7
950	10.	43023.5	-0649.1	1040	8.8	45137.7	-0629.7	1130	9.7	50948.5	-0625.7	1220	9.8	52612.6	-0630.7
951	9.5	43029.2	-0635.2	1041	10.	45151.1	-0642.3	1131	9.5	51018.0	-0641.5	1221	10.	52618.4	-0631.9
952	9.5	43041.9	-0634.0	1042	10.	45200.2	-0610.9	1132	8.5	51039.1	-0647.3	1222	9.3	52621.3	-0649.4
953	8.5	43115.1	-0611.0	1043	9.9	45204.7	-0611.1	1133	9.0	51052.1	-0645.5	1223	9.2	52622.2	-0609.7

-06 1224 5h26m

-06 1583 6h22m

1224	9.0	52622.8	-0638.6	1214	8.5	54101.8	-0610.8	1404	8.5	55838.0	-0605.7	1494	9.8	61232.5	-0619.2
1225	9.0	52633.3	-0629.2	1315	10.	54106.6	-0642.2	1405	8.5	55844.5	-0620.1	1495	8.8	61241.6	-0645.2
1226	9.0	52650.1	-0643.6	1316	9.5	54111.8	-0612.2	1406	10.	55849.9	-0614.6	1496	10.	61246.6	-0621.4
1227	8.5	52701.4	-0656.6	1317	8.0	54117.2	-0642.3	1407	8.0	55854.8	-0637.4	1497	9.5	61254.5	-0628.7
1228	9.3	52709.4	-0658.5	1318	9.3	54125.2	-0647.7	1408	9.5	55927.3	-0639.1	1498	9.3	61302.6	-0633.3
1229	9.5	52717.5	-0645.4	1319	9.6	54132.2	-0644.9	1409	9.5	55935.0	-0624.9	1499	9.4	61311.3	-0645.0
1230	10.	52737.5	-0606.2	1320	9.5	54142.0	-0645.0	1410	9.5	55940.1	-0656.0	1500	10.	61316.6	-0604.3
231	9.0	52743.0	-0606.2	1321	9.5	54206.8	-0617.9	1411	9.5	55943.9	-0633.4	1501	9.7	61319.5	-0628.4
1232	9.7	52743.3	-0606.0	1322	9.0	54224.1	-0638.7	1412	6.0	55953.8	-0612.0	1502	9.5	61320.1	-0602.2
1233	6.8	52754.5	-0606.2	1323	8.5	54228.5	-0614.2	1413	9.5	60007.3	-0642.2	1503	9.8	61329.8	-0609.1
234	5.4	52756.4	-0606.2	1324	9.5	54244.0	-0657.4	1414	9.5	60027.6	-0624.6	1504	9.0	61339.0	-0615.6
1235	9.5	52758.7	-0622.6	1325	9.5	54244.1	-0639.1	1415	9.5	60028.6	-0623.7	1505	9.3	61343.9	-0632.0
1236	9.5	52803.7	-0621.2	1326	9.7	54250.6	-0651.8	1416	9.5	60051.4	-0644.4	1506	9.4	61344.7	-0631.9
1237	8.3	52804.5	-0601.7	1327	9.9	54254.5	-0651.8	1417	9.0	60059.8	-0612.1	1507	8.2	61356.1	-0637.7
1238	8.5	52805.0	-0639.5	1328	9.8	54315.7	-0656.3	1418	9.0	60100.8	-0621.0	1508	9.0	61359.6	-0601.1
1239	10.	52807.1	-0640.9	1329	9.5	54319.4	-0631.2	1419	8.9	60112.6	-0653.2	1509	9.7	61407.5	-0631.1
1240	8.2	52810.7	-0607.8	1330	9.6	54323.0	-0636.0	1420	8.8	60120.0	-0631.2	1510	9.4	61407.6	-0636.8
1241	3.0	52821.4	-0600.2	1331	9.5	54347.7	-0623.7	1421	9.6	60120.8	-0634.1	1511	9.0	61412.8	-0643.3
1242	9.0	52829.7	-0611.1	1332	9.0	54349.8	-0616.1	1422	9.0	60138.2	-0637.2	1512	9.9	61424.1	-0619.6
1243	9.5	52830.8	-0627.7	1333	9.5	54413.1	-0637.8	1423	9.3	60143.9	-0624.0	1513	9.5	61432.1	-0648.1
1244	9.2	52838.3	-0650.7	1334	8.8	54433.2	-0641.3	1424	7.0	60146.4	-0648.3	1514	10.	61434.2	-0607.5
1245	9.1	52840.7	-0606.6	1335	8.8	54441.4	-0650.4	1425	9.5	60148.7	-0657.7	1515	9.8	61440.8	-0628.3
1246	9.2	52844.2	-0647.1	1336	9.6	54445.6	-0652.3	1426	9.5	60152.3	-0640.8	1516	9.8	61443.0	-0630.1
1247	8.5	52854.7	-0622.1	1337	8.9	54510.4	-0653.3	1427	9.3	60204.5	-0633.2	1517	9.0	61453.6	-0622.7
1248	9.5	52859.4	-0656.5	1338	9.5	54535.1	-0638.1	1428	9.2	60209.9	-0622.1	1518	9.6	61455.5	-0656.4
1249	9.5	52900.6	-0626.7	1339	9.2	54555.9	-0601.3	1429	9.5	60218.3	-0639.9	1519	10.	61456.4	-0604.0
1250	9.4	52901.6	-0625.3	1340	10.	54607.0	-0602.3	1430	9.9	60225.5	-0626.2	1520	9.9	61457.8	-0613.1
1251	10.	52903.0	-0629.8	1341	9.5	54608.4	-0631.2	1431	9.0	60226.9	-0618.1	1521	9.8	61508.6	-0603.3
1252	9.3	52910.0	-0644.0	1342	9.4	54617.6	-0608.7	1432	7.5	60228.2	-0631.0	1522	10.	61512.5	-0630.9
1253	9.3	52923.2	-0648.4	1343	9.0	54627.0	-0626.6	1433	9.8	60240.5	-0616.9	1523	9.8	61513.3	-0608.6
1254	8.3	52927.3	-0632.9	1344	8.0	54630.9	-0617.9	1434	9.5	60246.6	-0657.3	1524	10.	61514.4	-0626.8
1255	6.4	52929.7	-0609.7	1345	8.5	54639.7	-0635.7	1435	9.5	60247.9	-0623.5	1525	10.	61554.0	-0635.1
1256	9.5	52933.9	-0631.0	1346	9.5	54653.9	-0626.8	1436	9.5	60314.8	-0618.6	1526	8.4	61556.8	-0628.0
1257	9.0	52954.7	-0615.1	1347	8.5	54701.3	-0647.1	1437	9.5	60334.0	-0640.9	1527	9.0	61611.0	-0620.9
1258	9.7	53003.7	-0612.3	1348	8.8	54709.1	-0626.2	1438	9.8	60353.2	-0659.9	1528	9.8	61616.1	-0656.0
1259	9.4	53009.2	-0640.2	1349	9.5	54709.7	-0606.2	1439	6.3	60359.2	-0643.8	1529	9.4	61630.6	-0645.0
1260	9.8	53014.3	-0631.9	1350	9.5	54829.4	-0651.0	1440	20.0	60401.7	-0610.9	1530	9.5	61633.1	-0658.7
1261	9.7	53018.7	-0606.9	1351	9.0	54908.3	-0647.8	1441	8.5	60409.3	-0652.3	1531	9.5	61646.2	-0640.7
1262	6.7	53021.9	-0601.5	1352	9.5	54912.9	-0631.0	1442	8.0	60431.1	-0656.3	1532	9.2	61704.9	-0630.3
1263	9.8	53038.1	-0639.6	1353	9.5	54938.7	-0601.6	1443	9.5	60442.4	-0646.0	1533	9.3	61708.2	-0629.9
1264	9.0	53044.8	-0648.1	1354	8.5	55004.8	-0612.7	1444	9.7	60444.8	-0607.3	1534	9.8	61720.2	-0607.8
1265	9.1	53045.3	-0634.3	1355	9.5	55014.7	-0600.6	1445	9.0	60448.3	-0626.2	1535	8.3	61733.4	-0648.9
1266	9.8	53046.0	-0631.8	1356	9.5	55022.9	-0629.2	1446	5.2	60448.5	-0631.3	1536	9.2	61745.0	-0653.1
1267	8.8	53048.3	-0649.0	1357	9.2	55024.8	-0624.4	1447	9.8	60450.5	-0652.3	1537	9.0	61746.8	-0611.2
1268	9.5	53056.7	-0619.9	1358	9.5	55025.7	-0648.7	1448	9.5	60514.9	-0622.1	1538	9.9	61804.5	-0617.0
1269	8.5	53058.2	-0629.5	1359	6.5	55036.7	-0606.4	1449	9.5	60532.3	-0619.8	1539	9.6	61836.1	-0655.3
1270	9.3	53104.3	-0631.2	1360	8.8	55052.4	-0629.6	1450	9.3	60533.2	-0642.6	1540	9.8	61851.9	-0614.8
1271	8.5	53114.7	-0615.7	1361	9.4	55108.0	-0648.4	1451	9.4	60551.4	-0650.0	1541	9.0	61853.5	-0628.5
1272	9.5	53125.7	-0609.7	1362	9.7	55111.9	-0605.8	1452	9.5	60556.0	-0630.4	1542	8.5	61854.2	-0607.6
1273	9.3	53127.1	-0630.6	1363	8.8	55120.4	-0652.2	1453	9.0	60603.1	-0619.6	1543	9.0	61855.9	-0617.0
1274	8.8	53130.7	-0615.0	1364	9.3	55139.4	-0628.3	1454	10.	60606.4	-0619.9	1544	9.6	61901.1	-0634.7
1275	6.5	53135.1	-0639.6	1365	9.7	55143.5	-0654.0	1455	9.4	60612.3	-0644.2	1545	9.6	61902.5	-0620.8
1276	10.	53138.2	-0643.0	1366	9.4	55148.3	-0641.1	1456	8.4	60612.9	-0622.0	1546	9.4	61907.0	-0624.9
1277	8.4	53156.5	-0634.8	1367	9.3	55150.1	-0648.9	1457	9.5	60614.2	-0640.6	1547	9.5	61907.6	-0620.8
1278	9.0	53157.8	-0610.4	1368	9.5	55200.7	-0601.5	1458	10.	60616.4	-0650.7	1548	9.8	61912.2	-0607.4
1279	9.1	53204.8	-0611.0	1369	9.5	55204.7	-0601.1	1459	9.5	60619.7	-0603.7	1549	9.8	61932.7	-0627.9
1280	9.0	53241.5	-0638.1	1370	9.5	55214.4	-0628.7	1460	9.0	60634.8	-0609.1	1550	9.8	61943.5	-0652.8
1281	9.0	53253.3	-0651.5	1371	9.5	55216.9	-0626.5	1461	8.0	60653.3	-0646.9	1551	9.3	61948.7	-0641.3
1282	9.5	53304.2	-0646.1	1372	7.0	55246.2	-0636.2	1462	9.5	60653.8	-0614.9	1552	9.8	61951.0	-0657.1
1283	9.2	53328.8	-0615.0	1373	9.4	55304.2	-0626.0	1463	8.5	60721.9	-0648.7	1553	9.8	61953.0	-0653.3
1284	9.5	53342.4	-0655.5	1374	9.5	55317.1	-0630.8	1464	9.5	60726.9	-0639.4	1554	9.3	61955.2	-0643.7
1285	9.5	53356.9	-0635.0	1375	9.0	55322.7	-0658.9	1465	9.2	60727.0	-0635.2	1555	9.6	62013.7	-0610.7
1286	9.0	53425.3	-0650.5	1376	10.	55337.7	-0606.8	1466	9.5	60730.7	-0621.1	1556	9.1	62014.5	-0627.9
1287	9.5	53450.8	-0619.8	1377	9.3	55346.5	-0651.8	1467	9.0	60735.3	-0632.4	1557	9.2	62033.2	-0608.0
1288	9.5	53507.8	-0609.2	1378	9.0	55406.8	-0612.1	1468	10.	60739.9	-0629.7	1558	10.	62036.6	-0603.5
1289	9.9	53530.9	-0615.3	1379	9.5	55432.2	-0638.3	1469	4.5	60746.1	-0613.8	1559	9.3	62041.2	-0605.5
1290	9.6	53532.8	-0626.0	1380	9.5	55442.9	-0628.6	1470	8.9	60755.4	-0648.6	1560	8.9	62047.3	-0612.5
1291	9.1	53538.0	-0654.3	1381	8.5	55501.5	-0649.0	1471	9.8	60801.7	-0643.9	1561	9.4	62055.4	-0651.5
1292	9.8	53546.0	-0652.7	1382	9.0	55505.8	-0613.4	1472	8.8	60810.2	-0618.8	1562	10.	62101.9	-0607.5
1293	6.5	53551.3	-0652.3	1383	9.5	55508.7	-0603.1	1473	8.9	60819.0	-0607.2	1563	9.3	62102.3	-0634.5
1294	9.5	53610.9	-0626.2	1384	8.5	55523.4	-0647.2	1474	10.	60830.9	-0628.1	1564	8.8	62102.6	-0649.9
1295	9.5	53632.8	-0618.4	1385	10.	55555.5	-0624.7	1475	8.0	60842.1	-0609.7	1565	9.8	62117.1	-0601.2
1296	9.5	53639.0	-0631.5	1386	9.0	55602.6	-0635.7	1476	9.8	60914.0	-0654.4	1566	9.4	62118.7	-0641.3
1297	8.5	53700.3	-0647.8	1387	8.2	55623.4	-0624.1	1477	8.7	60919.1	-0608.2	1567	9.5	62119.2	-0611.3
1298	9.1	53701.4	-0629.6	1388	9.5	55626.0	-0607.7	1478	8.5	60922.5	-0625.6	1568	8.1	62123.1	-0627.6
1299	9.5	53708.0	-0632.7	1389	9.3	55647.3	-0639.2	1479	9.5	60932.8	-0644.0	1569	9.5	62130.1	-0606.7
1300	9.4	53715.2	-0641.1	1390	9.0	55659.9	-0644.5	1480	9.5	60939.3	-0623.9	1570	8.7	62142.0	-0652.7
1301	8.5	53717.3	-0649.2	1391	6.0	55710.8	-0642.3	1481	9.3	60950.4	-0652.9	1571	9.3	62143.3	-0635.2
1302	7.3	53731.5	-0655.4	1392	9.5	55711.0	-0654.9	1482	8.3	61000.4	-0604.0	1572	9.7	62145.2	-0636.8
1303	9.5	53803.8	-0606.4	1393	9.0	55711.5	-0639.4	1483	9.1	61000.5	-0643.8	1573	9.4	62145.2	-0641.2
1304	9.5	53825.8	-0615.8	1394	9.5	55715.8	-0607.1	1484	9.8	61001.9	-0628.4	1574	5.5	62147.9	-0656.7
1305	9.8	53830.2	-0643.5	1395	9.0	55721.7	-0602.6	1485	8.3	61006.1	-0611.8	1575	5.5	62148.9	-0656.8
1306	9.6	53831.3	-0647.4	1396	9.3	55728.3	-0641.0	1486	9.1	61047.6	-0637.7	1576	9.3	62200.8	-0624.3
1307	9.5	53836.7	-0600.2	1397	9.0	55728.9	-0620.0	1487	7.0	61105.7	-0640.6	1577	9.5	62210.0	-0607.8
1308	9.0	53905.8	-0611.7	1398	10.	55744.3	-0640.9	1488	9.0	61106.8	-0646.2	1578	9.5	62215.2	-0642.0
1309	9.2	53913.2	-0642.8	1399	9.2	55754.7	-0602.3	1489	10.	61131.5	-0655.3	1579	10.	62223.1	-0600.4
1310	9.5	53942.7	-0600.6	1400	9.0	55757.2	-0605.9	1490	9.2	61145.4	-0605.1	1580	10.	62226.0	-0616.6
1311	8.8	54021.9	-0625.9	1401	9.7	55827.1	-0630.8	1491	9.0	61222.1	-0624.1	1581	9.0	62231.7	-0658.0
1312	9.5	54030.5	-0655.7	1402	9.0	55834.7	-0602.2	1492	10.	61225.6	-0622.8	1582	9.4	62237.6	-0647.5
1313	7.7	54043.4	-0629.5	1403	9.0	55836.3	-0637.1	1493	9.4	61232.4	-0633.3	1583	9.6	62238.7	-0636.8

-06 1584 6h22m -06 1943 7h01m

1584	9.4	62250.6	-0603.0	1674	9.8	63410.0	-0639.6	1764	8.2	64315.9	-0601.5	1854	9.1	65110.7	-0649.9
1585	7.8	62313.5	-0620.1	1675	9.0	63411.1	-0631.0	1765	9.3	64332.9	-0633.1	1855	8.7	65126.1	-0619.0
1586	9.3	62329.1	-0659.1	1676	9.8	63412.3	-0647.5	1766	9.5	64336.3	-0633.5	1856	9.0	65128.7	-0624.8
1587	9.3	62337.9	-0632.1	1677	9.4	63413.7	-0655.6	1767	9.6	64337.3	-0647.8	1857	9.5	65132.0	-0641.6
1588	9.5	62348.7	-0640.2	1678	9.4	63416.2	-0602.6	1768	10.	64344.2	-0652.2	1858	9.4	65132.4	-0610.5
1589	9.5	62354.9	-0651.1	1679	8.5	63424.5	-0600.6	1769	9.4	64345.4	-0601.0	1859	7.5	65134.7	-0659.2
1590	10.	62355.4	-0614.0	1680	10.	63428.3	-0612.0	1770	9.3	64347.7	-0623.0	1860	9.8	65139.1	-0616.6
1591	9.8	62403.6	-0635.2	1681	9.5	63438.1	-0632.7	1771	8.7	64352.5	-0656.2	1861	9.0	65140.9	-0610.2
1592	9.8	62411.9	-0635.1	1682	8.5	63443.6	-0601.5	1772	9.3	64410.8	-0656.3	1862	9.0	65157.7	-0655.2
1593	9.1	62425.8	-0608.0	1683	9.4	63445.7	-0606.8	1773	9.8	64422.2	-0649.2	1863	9.1	65207.3	-0654.6
1594	10.	62428.9	-0613.7	1684	8.7	63504.4	-0624.0	1774	8.7	64423.2	-0623.5	1864	10.	65214.6	-0612.3
1595	8.8	62442.5	-0652.6	1685	9.5	63518.9	-0653.3	1775	7.3	64430.0	-0647.8	1865	10.	65234.7	-0630.3
1596	9.5	62449.8	-0655.7	1686	9.5	63522.7	-0646.3	1776	10.	64439.6	-0655.2	1866	9.8	65255.6	-0650.5
1597	9.0	62450.6	-0620.3	1687	9.8	63526.9	-0621.3	1777	10.	64440.1	-0630.0	1867	9.0	65301.3	-0657.7
1598	8.7	62532.2	-0623.2	1688	9.3	63538.0	-0658.1	1778	10.	64446.0	-0647.4	1868	9.3	65307.4	-0636.3
1599	9.2	62533.8	-0626.1	1689	10.	63539.7	-0628.4	1779	9.5	64448.8	-0654.6	1869	8.8	65312.2	-0631.3
1600	9.4	62545.4	-0626.0	1690	10.	63540.6	-0605.1	1780	9.8	64450.5	-0654.0	1870	8.9	65314.7	-0657.5
1601	9.5	62549.9	-0628.4	1691	9.1	63542.9	-0614.2	1781	9.6	64500.6	-0652.5	1871	9.8	65331.1	-0620.0
1602	9.8	62625.7	-0643.2	1692	10.	63543.4	-0602.8	1782	10.	64503.5	-0613.6	1872	8.2	65337.2	-0614.5
1603	9.1	62632.2	-0639.5	1693	9.5	63551.2	-0633.9	1783	9.9	64503.9	-0615.5	1873	9.5	65339.1	-0644.8
1604	9.3	62642.4	-0626.5	1694	9.8	63552.4	-0638.0	1784	10.	64505.4	-0608.9	1874	9.0	65347.9	-0643.7
1605	8.6	62643.1	-0627.5	1695	9.8	63554.6	-0600.3	1785	9.5	64507.6	-0619.3	1875	9.0	65350.3	-0649.4
1606	9.0	62647.0	-0600.2	1696	9.7	63556.6	-0626.5	1786	9.1	64508.0	-0657.2	1876	9.7	65351.8	-0625.0
1607	9.3	62653.2	-0648.7	1697	8.7	63603.0	-0638.0	1787	8.1	64508.1	-0617.2	1877	10.	65353.8	-0633.2
1608	10.	62654.0	-0638.0	1698	9.4	63606.3	-0636.9	1788	9.4	64512.3	-0619.3	1878	9.2	65357.1	-0601.2
1609	9.3	62657.9	-0651.1	1699	9.8	63609.5	-0658.6	1789	10.	64519.8	-0655.2	1879	10.	65407.5	-0655.2
1610	10.	62702.0	-0633.8	1700	9.5	63613.9	-0634.9	1790	10.	64525.3	-0647.4	1880	9.3	65413.4	-0611.9
1611	8.9	62705.2	-0631.8	1701	9.3	63628.8	-0651.6	1791	10.	64540.5	-0620.5	1881	9.5	65414.3	-0640.9
1612	9.8	62705.9	-0614.8	1702	10.	63636.1	-0645.0	1792	9.1	64541.6	-0642.2	1882	10.	65420.0	-0608.0
1613	9.7	62717.6	-0633.6	1703	10.	63640.4	-0636.8	1793	10.	64553.6	-0629.4	1883	9.4	65423.9	-0623.0
1614	9.8	62728.7	-0640.0	1704	10.	63647.2	-0635.7	1794	10.	64602.7	-0601.4	1884	9.5	65424.7	-0614.8
1615	9.8	62737.1	-0620.7	1705	8.7	63647.7	-0646.4	1795	8.5	64610.0	-0634.6	1885	8.7	65426.5	-0643.6
1616	8.5	62738.9	-0602.2	1706	9.4	63706.1	-0643.0	1796	9.0	64612.1	-0647.1	1886	9.3	65429.9	-0621.1
1617	9.7	62740.6	-0603.3	1707	10.	63706.2	-0658.9	1797	9.8	64624.6	-0620.3	1887	8.2	65430.2	-0606.6
1618	9.1	62745.6	-0634.6	1708	9.4	63710.7	-0606.8	1798	9.5	64630.6	-0617.1	1888	9.5	65448.0	-0612.0
1619	9.5	62803.6	-0634.3	1709	9.0	63714.5	-0659.5	1799	9.0	64638.3	-0647.7	1889	8.7	65448.1	-0650.5
1620	9.4	62804.0	-0613.8	1710	9.9	63724.0	-0650.7	1800	9.1	64640.4	-0653.7	1890	10.	65449.8	-0603.6
1621	9.2	62830.1	-0624.7	1711	9.1	63728.8	-0608.1	1801	9.8	64654.3	-0627.9	1891	9.0	65456.6	-0644.6
1622	9.5	62833.5	-0654.3	1712	9.4	63735.9	-0652.5	1802	9.2	64657.2	-0636.9	1892	9.1	65500.1	-0602.4
1623	9.5	62836.0	-0608.1	1713	9.4	63758.2	-0606.5	1803	8.7	64658.4	-0644.6	1893	9.5	65501.2	-0622.2
1624	9.7	62836.2	-0603.5	1714	9.5	63800.1	-0629.6	1804	8.8	64705.0	-0655.8	1894	9.2	65501.6	-0600.8
1625	9.7	62849.1	-0625.2	1715	9.8	63803.7	-0637.9	1805	9.0	64705.8	-0607.5	1895	9.4	65508.2	-0606.0
1626	9.4	62933.8	-0638.9	1716	9.8	63804.4	-0646.0	1806	9.0	64707.8	-0612.0	1896	9.8	65523.4	-0633.3
1627	10.	62934.9	-0612.1	1717	9.5	63806.3	-0644.9	1807	8.8	64713.6	-0602.0	1897	9.4	65531.9	-0635.1
1628	9.1	62937.0	-0615.3	1718	9.4	63809.5	-0637.7	1808	8.0	64714.4	-0612.7	1898	9.8	65534.4	-0640.
1629	8.7	62941.9	-0645.7	1719	9.5	63812.7	-0605.2	1809	9.1	64714.7	-0626.2	1899	9.6	65535.3	-0608.1
1630	9.8	62950.4	-0651.5	1720	9.8	63814.7	-0606.2	1810	9.4	64724.8	-0613.6	1900	8.7	65535.7	-0643.1
1631	9.7	62950.4	-0617.5	1721	9.2	63821.7	-0604.9	1811	9.1	64735.5	-0644.0	1901	9.5	65537.6	-0619.5
1632	9.4	62953.2	-0606.1	1722	9.5	63824.6	-0641.7	1812	9.0	64737.8	-0626.6	1902	9.0	65540.8	-0635.0
1633	10.	62956.6	-0635.4	1723	9.9	63824.8	-0606.0	1813	9.4	64740.7	-0632.1	1903	8.5	65544.2	-0649.1
1634	10.	62956.6	-0638.6	1724	9.0	63826.7	-0659.1	1814	9.0	64742.9	-0611.9	1904	8.7	65607.3	-0640.9
1635	10.	62958.3	-0612.1	1725	9.5	63829.2	-0644.6	1815	9.7	64755.7	-0658.8	1905	9.8	65617.8	-0623.7
1636	9.8	63013.7	-0603.5	1726	10.	63835.9	-0636.0	1816	9.1	64758.4	-0637.9	1906	10.	65621.4	-0639.7
1637	9.4	63022.1	-0602.2	1727	10.	63847.9	-0634.1	1817	8.5	64801.0	-0627.3	1907	9.4	65627.0	-0643.5
1638	10.	63034.5	-0621.8	1728	8.2	63852.0	-0645.4	1818	9.6	64803.8	-0642.4	1908	8.8	65629.0	-0628.4
1639	9.3	63046.3	-0648.4	1729	9.8	63857.3	-0649.1	1819	10.	64803.9	-0637.0	1909	9.8	65629.5	-0625.0
1640	9.5	63048.3	-0628.7	1730	9.8	63900.5	-0654.2	1820	9.3	64810.3	-0605.8	1910	9.2	65630.1	-0607.4
1641	8.7	63049.6	-0657.5	1731	9.3	63904.4	-0629.9	1821	8.8	64812.7	-0653.8	1911	8.2	65632.5	-0642.4
1642	9.5	63110.9	-0642.0	1732	9.2	63914.5	-0616.7	1822	10.	64816.2	-0622.5	1912	10.	65651.5	-0653.8
1643	9.1	63118.4	-0651.2	1733	9.3	63925.1	-0627.6	1823	9.8	64817.5	-0639.7	1913	9.8	65653.6	-0601.2
1644	9.5	63119.8	-0634.5	1734	8.5	63933.7	-0624.8	1824	10.	64833.9	-0639.3	1914	9.3	65655.9	-0656.9
1645	9.5	63129.0	-0655.2	1735	9.4	63959.6	-0640.0	1825	10.	64834.2	-0603.5	1915	9.1	65656.9	-0601.8
1646	9.8	63129.1	-0623.7	1736	9.8	64012.5	-0634.1	1826	10.	64837.3	-0605.0	1916	10.	65716.6	-0620.3
1647	10.	63137.3	-0611.2	1737	9.8	64017.0	-0646.8	1827	9.8	64845.1	-0608.2	1917	9.6	65724.8	-0635.2
1648	9.7	63138.6	-0634.3	1738	9.8	64017.1	-0642.4	1828	10.	64846.3	-0634.8	1918	8.8	65736.4	-0638.0
1649	9.6	63147.2	-0641.4	1739	9.5	64026.7	-0602.9	1829	9.6	64854.2	-0627.2	1919	9.3	65740.5	-0613.8
1650	9.6	63209.5	-0636.8	1740	9.0	64100.5	-0614.5	1830	10.	64858.7	-0630.1	1920	9.5	65742.3	-0625.8
1651	9.0	63211.6	-0658.4	1741	9.1	64101.3	-0618.7	1831	8.8	64907.3	-0656.0	1921	9.1	65818.7	-0659.5
1652	9.9	63213.9	-0636.6	1742	9.5	64103.2	-0633.8	1832	10.	64916.6	-0645.4	1922	9.2	65829.8	-0635.2
1653	9.5	63217.0	-0607.8	1743	9.4	64105.1	-0636.0	1833	9.5	64924.0	-0643.8	1923	10.	65847.3	-0601.7
1654	9.2	63217.4	-0635.0	1744	9.8	64108.1	-0636.2	1834	9.5	64929.7	-0641.2	1924	9.4	65852.1	-0650.1
1655	9.0	63228.1	-0658.6	1745	10.	64110.4	-0611.5	1835	9.8	64933.7	-0603.0	1925	9.0	65902.7	-0624.6
1656	9.7	63229.4	-0633.3	1746	9.8	64120.8	-0653.3	1836	9.0	64934.9	-0609.5	1926	9.2	65938.0	-0629.2
1657	9.8	63232.2	-0629.2	1747	9.8	64128.2	-0627.6	1837	9.5	64939.1	-0656.9	1927	9.8	65946.9	-0639.4
1658	8.5	63236.1	-0620.5	1748	9.5	64142.1	-0609.1	1838	9.1	64953.2	-0600.3	1928	9.2	65950.1	-0648.7
1659	9.1	63238.9	-0651.4	1749	9.5	64150.6	-0636.0	1839	9.8	64954.5	-0616.1	1929	9.8	70001.2	-0627.5
1660	9.4	63244.4	-0625.2	1750	9.4	64201.1	-0618.2	1840	9.2	64956.7	-0602.0	1930	9.5	70003.4	-0658.3
1661	9.5	63246.7	-0632.2	1751	9.8	64201.8	-0640.0	1841	9.6	64959.5	-0615.8	1931	9.0	70005.6	-0649.2
1662	9.8	63302.7	-0642.6	1752	9.0	64210.6	-0622.2	1842	9.6	65004.8	-0608.3	1932	9.8	70016.6	-0621.0
1663	9.7	63311.9	-0611.4	1753	9.0	64219.2	-0601.1	1843	9.3	65010.2	-0620.2	1933	9.5	70023.1	-0650.0
1664	7.3	63314.4	-0613.1	1754	9.8	64228.7	-0642.7	1844	9.8	65010.7	-0625.8	1934	9.5	70040.7	-0633.1
1665	9.1	63326.2	-0604.0	1755	8.7	64228.9	-0626.1	1845	9.8	65013.6	-0639.2	1935	9.3	70049.5	-0653.2
1666	9.5	63344.5	-0619.6	1756	8.5	64229.2	-0658.9	1846	9.8	65019.1	-0646.1	1936	10.	70054.8	-0655.0
1667	9.5	63344.8	-0635.3	1757	9.4	64230.3	-0657.2	1847	9.4	65024.0	-0628.6	1937	10.	70055.3	-0651.6
1668	9.4	63352.3	-0647.4	1758	9.0	64235.3	-0606.9	1848	8.8	65049.5	-0616.5	1938	9.8	70105.2	-0633.1
1669	9.2	63359.0	-0653.0	1759	9.0	64241.0	-0614.3	1849	9.7	65053.2	-0630.2	1939	9.9	70116.0	-0659.4
1670	9.7	63400.4	-0635.6	1760	9.0	64303.0	-0638.0	1850	9.3	65059.2	-0622.4	1940	9.1	70128.2	-0624.7
1671	9.9	63400.8	-0627.1	1761	9.5	64307.1	-0656.7	1851	9.7	65101.9	-0632.3	1941	9.3	70129.2	-0628.9
1672	9.4	63402.3	-0621.6	1762	9.3	64310.2	-0658.4	1852	10.	65104.6	-0647.8	1942	10.	70136.1	-0658.8
1673	10.	63403.8	-0633.9	1763	8.8	64315.1	-0619.4	1853	9.8	65107.4	-0622.2	1943	9.7	70136.8	-0635.3

-06 1944 7h01m

-06 2303 7h40m

1944	9.1	70150.5	-0643.3	2034	10.	71059.4	-0621.2	2124	7.9	72183.7	-0[illegible]	[illegible]	[illegible]
1945	9.4	70201.7	-0649.9	2035	9.1	71109.2	-0652.8	2125	10.	72194.0	[illegible]	[illegible]	[illegible]
1946	9.4	70202.5	-0652.3	2036	9.8	71110.2	-0638.5	2126	9.9	72193.3	[illegible]	[illegible]	[illegible]
1947	9.0	70208.9	-0614.0	2037	10.	71112.5	-0658.7	2127	9.0	72194.0	[illegible]	[illegible]	[illegible]
1948	8.7	70212.7	-0649.6	2038	9.8	71116.8	-0638.5	2128	9.5	72156.9	[illegible]	[illegible]	[illegible]
1949	9.5	70216.4	-0659.7	2039	9.8	71123.7	-0648.7	2129	10.	72134.6	-0652.0	[illegible]	[illegible]
1950	9.9	70216.5	-0651.7	2040	9.7	71129.5	-0612.8	2130	9.0	72138.7	[illegible]	[illegible]	[illegible]
1951	9.1	70222.7	-0648.7	2041	9.7	71133.5	-0623.4	2131	10.	72143.2	[illegible]	[illegible]	[illegible]
1952	9.0	70223.2	-0606.1	2042	9.4	71136.4	-0615.2	2132	9.4	72149.[illegible]	[illegible]	[illegible]	[illegible]
1953	10.	70224.1	-0609.0	2043	9.6	71141.4	-0612.8	2133	8.8	72152.[illegible]	[illegible]	[illegible]	[illegible]
1954	9.0	70229.5	-0630.2	2044	9.3	71142.7	-0603.6	2134	9.5	72206.4	[illegible]	[illegible]	[illegible]
1955	8.7	70235.1	-0655.1	2045	9.8	71149.0	-0643.9	2135	9.0	72223.5	[illegible]	[illegible]	[illegible]
1956	9.6	70246.8	-0622.4	2046	10.	71153.3	-0605.0	2136	10.	72238.0	[illegible]	[illegible]	[illegible]
1957	9.3	70303.6	-0620.0	2047	9.5	71208.4	-0600.6	2137	8.9	72252.[illegible]	[illegible]	[illegible]	[illegible]
1958	8.5	70304.8	-0659.6	2048	9.8	71213.5	-0624.1	2138	9.6	72256.8	[illegible]	[illegible]	[illegible]
1959	10.	70305.1	-0609.9	2049	9.5	71232.9	-0638.4	2139	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1960	9.8	70306.7	-0657.6	2050	9.5	71236.2	-0653.0	2140	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1961	9.0	70307.6	-0611.1	2051	9.4	71244.8	-0612.5	2141	9.8	72308.0	[illegible]	[illegible]	[illegible]
1962	9.0	70307.6	-0602.9	2052	9.1	71259.7	-0657.1	2142	9.5	72313.1	[illegible]	[illegible]	[illegible]
1963	10.	70314.0	-0617.8	2053	10.	71306.5	-0653.7	2143	9.8	72313.9	[illegible]	[illegible]	[illegible]
1964	9.3	70316.6	-0626.6	2054	9.8	71309.4	-0626.0	2144	8.5	72318.0	[illegible]	[illegible]	[illegible]
1965	8.9	70317.1	-0649.1	2055	9.7	71319.5	-0629.8	2145	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1966	9.4	70343.2	-0628.7	2056	9.0	71319.7	-0609.5	2146	8.0	72359.6	[illegible]	[illegible]	[illegible]
1967	9.3	70346.9	-0637.0	2057	8.0	71325.4	-0620.0	2147	9.6	72362.6	[illegible]	[illegible]	[illegible]
1968	9.0	70349.8	-0606.9	2058	9.8	71326.2	-0652.1	2148	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1969	9.6	70350.1	-0631.9	2059	9.3	71339.2	-0651.0	2149	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1970	9.3	70356.6	-0620.8	2060	9.5	71348.2	-0634.6	2150	8.5	72401.6	[illegible]	[illegible]	[illegible]
1971	10.	70358.7	-0649.8	2061	9.5	71406.1	-0646.3	2151	9.4	72404.8	[illegible]	[illegible]	[illegible]
1972	9.2	70405.9	-0656.6	2062	9.3	71409.8	-0646.5	2152	9.4	72409.8	[illegible]	[illegible]	[illegible]
1973	8.7	70414.7	-0642.6	2063	9.8	71414.0	-0659.2	2153	8.6	72436.2	[illegible]	[illegible]	[illegible]
1974	9.2	70415.3	-0631.7	2064	9.0	71414.4	-0601.7	2154	9.4	72[illegible]	[illegible]	[illegible]	[illegible]
1975	9.9	70435.0	-0628.2	2065	8.7	71423.0	-0637.3	2155	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1976	9.7	70436.1	-0636.6	2066	9.5	71425.5	-0620.0	2156	8.3	72[illegible]	[illegible]	[illegible]	[illegible]
1977	9.5	70446.9	-0642.3	2067	9.0	71425.7	-0607.9	2157	8.5	72[illegible]	[illegible]	[illegible]	[illegible]
1978	8.6	70449.3	-0619.7	2068	9.5	71427.9	-0649.6	2158	9.1	72[illegible]	[illegible]	[illegible]	[illegible]
1979	9.0	70449.8	-0613.0	2069	9.4	71430.3	-0656.1	2159	8.8	72[illegible]	[illegible]	[illegible]	[illegible]
1980	9.1	70455.4	-0613.6	2070	9.5	71436.1	-0605.4	2160	9.8	72[illegible]	[illegible]	[illegible]	[illegible]
1981	9.4	70455.9	-0612.9	2071	10.	71440.2	-0600.9	2161	8.9	72[illegible]	[illegible]	[illegible]	[illegible]
1982	9.1	70520.2	-0625.0	2072	9.0	71445.3	-0624.1	2162	8.5	72[illegible]	[illegible]	[illegible]	[illegible]
1983	8.9	70523.5	-0659.6	2073	9.1	71458.5	-0630.2	2163	9.3	72[illegible]	[illegible]	[illegible]	[illegible]
1984	9.1	70526.0	-0618.3	2074	9.0	71500.5	-0602.2	2164	9.8	72[illegible]	[illegible]	[illegible]	[illegible]
1985	9.0	70529.0	-0631.5	2075	9.3	71502.3	-0609.7	2165	7.8	72[illegible]	[illegible]	[illegible]	[illegible]
1986	10.	70532.8	-0639.9	2076	5.1	71506.7	-0659.9	2166	7.6	72[illegible]	[illegible]	[illegible]	[illegible]
1987	9.7	70536.7	-0652.1	2077	9.1	71525.4	-0636.0	2167	8.8	72[illegible]	[illegible]	[illegible]	[illegible]
1988	9.8	70539.0	-0651.0	2078	9.0	71528.2	-0628.9	2168	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1989	7.9	70546.9	-0654.5	2079	9.8	71534.3	-0631.1	2169	9.3	72[illegible]	[illegible]	[illegible]	[illegible]
1990	10.	70556.4	-0659.8	2080	10.	71535.2	-0628.9	2170	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1991	9.0	70600.1	-0654.1	2081	9.8	71541.1	-0656.2	2171	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1992	9.8	70606.3	-0628.4	2082	9.5	71546.6	-0649.6	2172	10.	72[illegible]	[illegible]	[illegible]	[illegible]
1993	9.2	70612.2	-0601.6	2083	9.0	71557.1	-0649.4	2173	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1994	8.8	70615.8	-0611.3	2084	8.8	71618.8	-0602.0	2174	9.8	72[illegible]	[illegible]	[illegible]	[illegible]
1995	9.3	70621.7	-0657.3	2085	9.4	71624.4	-0637.7	2175	9.4	72638.4	[illegible]	[illegible]	[illegible]
1996	9.4	70625.4	-0639.5	2086	9.8	71630.9	-0634.3	2176	9.7	72643.6	[illegible]	[illegible]	[illegible]
1997	9.8	70634.3	-0616.6	2087	9.8	71647.4	-0630.0	2177	9.7	72649.3	[illegible]	[illegible]	[illegible]
1998	9.3	70636.2	-0606.3	2088	9.5	71648.4	-0610.5	2178	9.5	72[illegible]	[illegible]	[illegible]	[illegible]
1999	9.8	70640.9	-0638.9	2089	9.5	71649.6	-0602.2	2179	9.2	72658.5	[illegible]	[illegible]	[illegible]
2000	9.0	70646.5	-0648.5	2090	8.8	71655.1	-0646.3	2180	9.9	72706.7	[illegible]	[illegible]	[illegible]
2001	9.0	70650.9	-0624.2	2091	9.8	71700.0	-0622.2	2181	10.	72707.7	[illegible]	[illegible]	[illegible]
2002	9.4	70651.6	-0630.2	2092	9.8	71707.3	-0613.0	2182	9.8	72714.6	[illegible]	[illegible]	[illegible]
2003	9.6	70655.2	-0601.5	2093	9.5	71716.8	-0611.9	2183	9.3	72716.4	[illegible]	[illegible]	[illegible]
2004	9.4	70655.8	-0657.3	2094	9.8	71721.2	-0651.7	2184	8.1	72722.9	[illegible]	[illegible]	[illegible]
2005	9.8	70707.6	-0650.1	2095	9.3	71724.9	-0626.4	2185	8.8	72729.3	[illegible]	[illegible]	[illegible]
2006	10.	70708.2	-0608.8	2096	9.5	71725.5	-0635.9	2186	9.5	72809.5	[illegible]	[illegible]	[illegible]
2007	10.	70729.9	-0640.8	2097	9.2	71729.3	-0614.4	2187	9.4	72809.6	[illegible]	[illegible]	[illegible]
2008	9.5	70730.5	-0616.6	2098	9.6	71734.6	-0604.4	2188	9.5	72842.5	[illegible]	[illegible]	[illegible]
2009	9.0	70740.1	-0623.5	2099	9.3	71804.1	-0643.7	2189	10.	72847.1	[illegible]	[illegible]	[illegible]
2010	9.2	70750.6	-0652.9	2100	9.2	71811.2	-0649.5	2190	8.3	72851.2	[illegible]	[illegible]	[illegible]
2011	9.8	70752.8	-0646.0	2101	9.8	71812.1	-0636.5	2191	8.5	72907.8	[illegible]	[illegible]	[illegible]
2012	9.4	70758.1	-0653.1	2102	9.5	71817.1	-0647.5	2192	9.6	72910.8	[illegible]	[illegible]	[illegible]
2013	9.1	70801.5	-0647.7	2103	9.3	71818.0	-0621.9	2193	9.0	72911.6	[illegible]	[illegible]	[illegible]
2014	9.5	70803.7	-0601.6	2104	10.	71828.0	-0623.2	2194	9.2	72927.8	[illegible]	[illegible]	[illegible]
2015	9.2	70813.2	-0641.5	2105	9.6	71829.8	-0612.2	2195	9.5	72928.5	[illegible]	[illegible]	[illegible]
2016	8.6	70830.3	-0649.9	2106	9.8	71837.9	-0620.0	2196	10.	72937.1	[illegible]	[illegible]	[illegible]
2017	9.5	70836.7	-0618.0	2107	8.8	71843.6	-0625.9	2197	9.8	72939.[illegible]	[illegible]	[illegible]	[illegible]
2018	9.0	70848.6	-0620.6	2108	8.8	71858.3	-0617.4	2198	9.3	72943.5	[illegible]	[illegible]	[illegible]
2019	8.8	70849.3	-0630.6	2109	9.8	71924.5	-0624.2	2199	9.8	72956.8	[illegible]	[illegible]	[illegible]
2020	9.8	70853.2	-0643.5	2110	9.6	71944.2	-0605.5	2200	9.8	72958.[illegible]	[illegible]	[illegible]	[illegible]
2021	9.1	70956.7	-0655.7	2111	9.5	71946.6	-0651.6	2201	9.3	72958.[illegible]	[illegible]	[illegible]	[illegible]
2022	9.8	70858.6	-0621.8	2112	9.5	71946.7	-0637.0	2202	9.4	73004.[illegible]	[illegible]	[illegible]	[illegible]
2023	9.3	70911.8	-0607.5	2113	9.8	71949.7	-0654.4	2203	9.3	73005.[illegible]	[illegible]	[illegible]	[illegible]
2024	9.0	70912.0	-0619.9	2114	9.6	72026.8	-0611.7	2204	10.	73007.4	[illegible]	[illegible]	[illegible]
2025	8.7	70920.5	-0642.5	2115	10.	72028.7	-0653.4	2205	9.5	73048.8	[illegible]	[illegible]	[illegible]
2026	10.	70934.7	-0633.5	2116	10.	72033.8	-0655.5	2206	9.0	73049.4	[illegible]	[illegible]	[illegible]
2027	9.3	70945.5	-0642.8	2117	9.0	72034.1	-0603.0	2207	6.8	73047.3	[illegible]	[illegible]	[illegible]
2028	8.8	70949.6	-0604.5	2118	9.2	72037.5	-0635.2	2208	9.5	73048.4	[illegible]	[illegible]	[illegible]
2029	8.6	70951.8	-0647.1	2119	9.4	72047.6	-0604.4	2209	9.1	73049.5	[illegible]	[illegible]	[illegible]
2030	8.7	70954.2	-0655.6	2120	10.	72059.3	-0611.5	2210	9.0	73050.1	[illegible]	[illegible]	[illegible]
2031	8.7	71000.3	-0635.6	2121	9.3	72101.2	-0605.0	2211	9.8	73050.2	[illegible]	[illegible]	[illegible]
2032	6.3	71026.8	-0625.5	2122	9.1	72104.8	-0612.5	2212	9.1	73105.1	[illegible]	[illegible]	[illegible]
2033	10.	71054.3	-0618.6	2123	9.7	72114.4	-0625.8	2213	9.5	73103.2	[illegible]	[illegible]	[illegible]

-06 2304 7h41m

-06 2663 8h30m

2304	9.5	74102.3	-0638.0	2394	8.8	75219.2	-0636.3	2484	9.4	80216.5	-0620.7	2574	9.3	81619.4	-0624.5
2305	7.1	74110.0	-0625.2	2395	9.2	75226.9	-0654.1	2485	9.5	80228.4	-0617.8	2575	9.6	81626.5	-0627.8
2306	9.0	74114.4	-0642.5	2396	9.8	75227.7	-0650.5	2486	9.4	80229.7	-0601.7	2576	8.5	81627.7	-0623.1
2307	9.2	74118.1	-0629.1	2397	8.5	75228.7	-0614.0	2487	8.6	80235.9	-0629.1	2577	8.6	81634.1	-0628.0
2308	9.5	74119.3	-0626.5	2398	9.6	75229.1	-0657.1	2488	8.9	80237.9	-0625.5	2578	9.2	81635.8	-0627.3
2309	9.4	74122.5	-0658.9	2399	9.0	75232.2	-0636.8	2489	7.5	80300.3	-0619.3	2579	8.5	81652.5	-0647.6
2310	9.0	74141.4	-0619.1	2400	8.5	75236.9	-0654.1	2490	10.	80318.2	-0602.8	2580	9.5	81710.8	-0611.6
2311	9.8	74200.7	-0601.2	2401	9.4	75253.3	-0612.7	2491	9.7	80323.2	-0629.1	2581	9.4	81712.2	-0604.7
2312	9.4	74203.4	-0613.7	2402	8.7	75258.0	-0657.5	2492	9.5	80325.3	-0607.5	2582	9.7	81755.8	-0614.0
2313	10.	74211.5	-0647.3	2403	9.5	75326.2	-0610.0	2493	9.5	80327.2	-0601.0	2583	9.6	81800.8	-0613.5
2314	10.	74212.5	-0631.5	2404	8.2	75336.3	-0641.7	2494	6.3	80352.0	-0619.4	2584	9.2	81804.8	-0615.4
2315	9.2	74217.5	-0622.6	2405	9.1	75337.7	-0636.3	2495	9.7	80358.7	-0628.2	2585	8.0	81808.9	-0641.5
2316	9.5	74218.3	-0611.9	2406	9.4	75339.9	-0658.2	2496	9.1	80403.1	-0655.9	2586	9.4	81818.8	-0616.9
2317	8.9	74224.5	-0659.8	2407	6.8	75357.1	-0601.1	2497	9.8	80409.4	-0636.1	2587	9.8	81842.3	-0617.7
2318	9.5	74234.4	-0644.1	2408	9.5	75401.4	-0616.2	2498	8.0	80410.3	-0646.6	2588	9.8	81847.7	-0628.7
2319	10.	74242.5	-0650.6	2409	9.5	75402.1	-0633.8	2499	9.0	80417.8	-0659.3	2589	9.8	81855.0	-0626.1
2320	9.5	74254.1	-0617.0	2410	9.6	75405.9	-0654.3	2500	9.5	80430.3	-0656.2	2590	9.8	81910.3	-0658.2
2321	9.8	74304.7	-0620.5	2411	9.8	75413.4	-0619.3	2501	9.5	80432.8	-0610.0	2591	8.5	81914.6	-0600.3
2322	9.4	74310.2	-0657.8	2412	9.4	75414.2	-0628.1	2502	9.3	80442.4	-0613.1	2592	9.5	81920.1	-0658.4
2323	9.5	74318.4	-0611.4	2413	9.6	75420.3	-0623.5	2503	9.0	80444.2	-0650.8	2593	9.5	81924.4	-0645.4
2324	9.8	74323.6	-0625.4	2414	9.8	75434.7	-0637.0	2504	9.3	80451.2	-0628.5	2594	10.	81932.5	-0646.7
2325	8.9	74325.1	-0629.2	2415	9.7	75437.9	-0610.0	2505	9.8	80453.6	-0604.0	2595	9.5	82011.2	-0610.4
2326	8.7	74332.5	-0640.1	2416	9.5	75459.2	-0606.3	2506	9.0	80458.7	-0601.0	2596	9.2	82020.7	-0605.2
2327	9.3	74334.6	-0607.8	2417	9.1	75504.2	-0609.7	2507	9.8	80516.5	-0619.7	2597	9.8	82023.3	-0603.5
2328	9.1	74346.7	-0626.1	2418	9.4	75512.6	-0602.5	2508	9.5	80520.1	-0650.2	2598	9.8	82033.1	-0655.6
2329	9.6	74353.8	-0623.1	2419	8.5	75520.4	-0617.5	2509	8.8	80536.8	-0626.5	2599	7.5	82039.4	-0644.7
2330	9.7	74401.0	-0653.5	2420	9.1	75521.0	-0636.4	2510	9.2	80538.5	-0629.0	2600	9.1	82045.0	-0636.0
2331	9.4	74401.3	-0623.5	2421	9.0	75533.1	-0631.0	2511	9.0	80542.5	-0623.5	2601	8.8	82045.5	-0648.2
2332	9.8	74401.4	-0648.6	2422	9.8	75541.4	-0650.0	2512	9.6	80544.4	-0639.4	2602	9.1	82049.6	-0624.6
2333	9.4	74405.6	-0657.8	2423	9.0	75559.7	-0600.5	2513	9.0	80544.9	-0612.7	2603	9.0	82058.7	-0609.5
2334	7.5	74426.8	-0636.6	2424	9.5	75610.1	-0635.6	2514	8.2	80545.3	-0645.8	2604	9.0	82108.3	-0615.7
2335	9.1	74440.4	-0635.6	2425	9.7	75610.6	-0655.2	2515	9.9	80623.2	-0657.8	2605	9.5	82110.9	-0640.9
2336	9.2	74458.9	-0611.2	2426	9.5	75614.9	-0650.0	2516	9.0	80624.9	-0615.7	2606	8.3	82123.6	-0652.3
2337	9.5	74459.3	-0627.6	2427	9.0	75628.6	-0606.1	2517	7.1	80625.9	-0609.5	2607	9.5	82134.2	-0611.4
2338	9.1	74502.6	-0632.1	2428	9.6	75632.9	-0631.1	2518	8.7	80626.7	-0659.8	2608	10.	82209.7	-0636.9
2339	8.1	74514.7	-0626.0	2429	9.0	75651.9	-0653.4	2519	9.4	80635.1	-0652.9	2609	9.8	82227.5	-0654.0
2340	8.3	74520.7	-0650.0	2430	10.	75652.6	-0629.5	2520	9.1	80638.0	-0623.2	2610	9.3	82244.3	-0636.1
2341	10.	74522.0	-0644.7	2431	10.	75658.8	-0657.9	2521	8.5	80642.8	-0602.9	2611	9.3	82247.0	-0648.4
2342	9.5	74524.5	-0676.2	2432	9.9	75659.3	-0655.5	2522	9.8	80647.6	-0632.5	2612	10.	82248.6	-0658.0
2343	9.8	74535.3	-0640.8	2433	9.8	75707.8	-0608.5	2523	8.3	80659.0	-0624.8	2613	9.3	82251.1	-0627.9
2344	9.1	74535.4	-0648.6	2434	9.4	75708.1	-0627.5	2524	9.6	80709.5	-0644.7	2614	9.4	82253.3	-0646.3
2345	9.8	74550.8	-0609.3	2435	9.4	75715.3	-0601.7	2525	9.0	80725.2	-0628.5	2615	9.6	82254.2	-0616.1
2346	9.1	74554.6	-0622.4	2436	9.2	75716.7	-0622.4	2526	9.3	80738.6	-0607.8	2616	9.7	82256.6	-0644.7
2347	8.9	74609.9	-0625.1	2437	9.4	75720.2	-0628.6	2527	9.5	80800.5	-0608.0	2617	7.4	82318.0	-0632.9
2348	9.8	74614.2	-0604.0	2438	9.5	75724.2	-0657.7	2528	8.1	80801.4	-0628.5	2618	9.1	82319.7	-0614.3
2349	9.5	74624.3	-0640.3	2439	10.	75728.0	-0601.5	2529	9.4	80822.4	-0619.9	2619	9.8	82322.6	-0629.6
2350	9.4	74638.1	-0604.2	2440	8.3	75739.5	-0648.0	2530	9.5	80822.5	-0640.7	2620	7.8	82327.8	-0640.3
2351	9.5	74648.0	-0653.9	2441	10.	75744.9	-0640.6	2531	8.7	80825.0	-0640.8	2621	9.6	82336.5	-0651.3
2352	9.4	74651.8	-0630.8	2442	9.0	75753.3	-0600.0	2532	9.4	80829.5	-0650.5	2622	9.6	82400.8	-0620.5
2353	9.5	74659.2	-0632.8	2443	9.2	75804.4	-0615.7	2533	8.2	80842.3	-0653.7	2623	9.3	82412.1	-0610.3
2354	9.4	74703.9	-0648.0	2444	9.5	75814.3	-0635.2	2534	9.5	80900.0	-0623.1	2624	9.8	82415.6	-0652.4
2355	9.2	74706.4	-0628.0	2445	9.4	75816.2	-0630.2	2535	9.8	80901.1	-0647.7	2625	9.0	82427.0	-0602.4
2356	9.5	74723.8	-0642.9	2446	9.8	75818.3	-0631.8	2536	9.0	80907.5	-0631.8	2626	9.4	82439.0	-0654.0
2357	9.0	74731.3	-0607.0	2447	10.	75830.9	-0615.9	2537	8.8	80914.9	-0644.8	2627	9.3	82441.6	-0610.9
2358	9.1	74732.2	-0602.8	2448	9.8	75836.2	-0618.6	2538	10.	80928.6	-0653.0	2628	8.9	82445.3	-0631.0
2359	9.8	74803.4	-0602.5	2449	10.	75838.9	-0636.9	2539	9.4	80933.9	-0629.9	2629	10.	82458.4	-0649.3
2360	9.1	74803.4	-0633.3	2450	8.6	75841.9	-0602.5	2540	9.0	80934.1	-0624.7	2630	8.8	82516.6	-0656.7
2361	9.4	74805.9	-0625.0	2451	8.2	75842.0	-0652.3	2541	9.3	80937.3	-0610.4	2631	10.	82520.3	-0637.5
2362	9.4	74808.0	-0657.4	2452	9.0	75843.0	-0657.8	2542	8.9	80952.4	-0635.4	2632	9.8	82524.7	-0613.6
2363	9.8	74810.3	-0638.6	2453	9.8	75900.0	-0624.2	2543	9.3	81007.4	-0641.9	2633	9.5	82525.5	-0637.9
2364	9.5	74823.5	-0623.0	2454	8.8	75910.8	-0657.6	2544	9.4	81026.8	-0630.9	2634	9.0	82547.6	-0605.6
2365	10.	74838.4	-0630.8	2455	10.	75922.1	-0650.1	2545	9.0	81053.5	-0646.1	2635	9.6	82604.1	-0608.4
2366	9.4	74845.8	-0604.6	2456	9.1	75923.6	-0648.8	2546	9.8	81101.1	-0628.0	2636	8.0	82624.6	-0644.6
2367	8.2	74847.6	-0609.0	2457	9.0	75925.0	-0607.6	2547	9.5	81111.3	-0639.8	2637	9.6	82628.7	-0617.6
2368	8.5	74856.9	-0603.0	2458	9.0	75926.3	-0608.2	2548	9.7	81118.4	-0611.7	2638	9.6	82643.2	-0619.9
2369	9.2	74857.3	-0634.6	2459	9.3	75926.9	-0652.5	2549	9.4	81122.1	-0608.9	2639	8.8	82657.1	-0635.2
2370	9.8	74917.0	-0625.2	2460	9.8	75932.9	-0657.5	2550	9.5	81138.0	-0632.6	2640	9.4	82701.9	-0646.8
2371	8.9	74932.0	-0601.0	2461	9.8	75944.6	-0629.2	2551	9.5	81143.8	-0639.4	2641	10.	82704.0	-0609.9
2372	9.5	74932.2	-0623.5	2462	9.1	75945.3	-0633.8	2552	9.5	81144.9	-0657.3	2642	8.5	82717.5	-0605.7
2373	9.4	74943.8	-0643.0	2463	9.8	75949.0	-0653.0	2553	9.2	81146.4	-0641.5	2643	9.7	82722.3	-0608.0
2374	9.5	74954.8	-0607.5	2464	8.8	80005.3	-0603.7	2554	8.8	81154.3	-0614.6	2644	9.8	82724.2	-0638.1
2375	9.0	75000.2	-0634.4	2465	9.8	80010.9	-0644.3	2555	9.8	81156.0	-0653.5	2645	10.	82747.6	-0646.6
2376	9.1	75033.4	-0648.4	2466	9.1	80012.8	-0642.9	2556	8.3	81230.1	-0653.3	2646	9.2	82748.8	-0605.0
2377	9.8	75040.5	-0623.5	2467	9.5	80013.6	-0653.2	2557	9.5	81250.6	-0648.9	2647	9.4	82759.3	-0629.6
2378	8.0	75041.2	-0613.0	2468	10.	80016.9	-0657.9	2558	9.8	81302.4	-0613.0	2648	8.9	82808.4	-0635.8
2379	9.7	75051.4	-0630.3	2469	9.7	80020.4	-0656.6	2559	9.4	81302.6	-0630.8	2649	9.1	82828.1	-0628.7
2380	9.0	75056.4	-0654.5	2470	8.7	80038.2	-0653.6	2560	7.2	81321.8	-0610.0	2650	9.8	82837.0	-0649.1
2381	9.4	75103.2	-0602.9	2471	9.1	80051.8	-0609.6	2561	8.0	81326.7	-0602.9	2651	9.4	82840.6	-0656.8
2382	9.4	75113.3	-0614.8	2472	9.9	80054.6	-0658.8	2562	9.8	81335.5	-0647.7	2652	9.8	82853.5	-0656.1
2383	7.8	75117.1	-0600.5	2473	8.4	80054.8	-0633.8	2563	9.0	81335.8	-0650.7	2653	9.4	82855.1	-0630.0
2384	9.4	75118.2	-0603.3	2474	9.5	80055.9	-0616.6	2564	9.5	81338.4	-0616.6	2654	9.1	82907.6	-0630.6
2385	9.2	75119.7	-0643.4	2475	9.8	80107.7	-0601.3	2565	9.5	81424.5	-0648.2	2655	9.4	82919.3	-0643.1
2386	9.4	75122.6	-0636.2	2476	9.5	80112.5	-0658.5	2566	8.5	81500.4	-0621.7	2656	10.	82929.4	-0645.9
2387	9.8	75132.4	-0655.2	2477	9.5	80119.3	-0606.0	2567	9.3	81502.6	-0604.4	2657	9.5	82933.1	-0656.3
2388	9.0	75148.8	-0616.8	2478	9.8	80122.8	-0604.6	2568	9.5	81503.2	-0655.5	2658	8.5	82947.7	-0648.9
2389	9.3	75149.6	-0618.4	2479	9.3	80143.2	-0620.9	2569	9.5	81504.4	-0604.2	2659	8.8	82949.3	-0643.8
2390	9.5	75206.4	-0622.6	2480	9.1	80144.7	-0600.4	2570	9.5	81522.4	-0642.8	2660	9.2	83034.8	-0646.2
2391	9.8	75207.3	-0657.3	2481	9.5	80148.8	-0654.2	2571	7.8	81541.5	-0613.4	2661	9.8	83039.5	-0642.6
2392	9.0	75214.5	-0605.2	2482	8.7	80204.9	-0616.9	2572	9.8	81604.6	-0626.3	2662	10.	83039.7	-0615.2
2393	9.5	75215.1	-0613.9	2483	9.5	80213.6	-0640.0	2573	9.0	81604.9	-0643.9	2663	9.0	83041.8	-0618.8

-06 2664 8h30m

-06 3023 9h46m

2664	7.5	83044.6	-0617.9	2754	9.0	84642.6	-0603.5	2844	7.7	90515.0	-0620.2	2934	9.5	92439.9	-0654.7
2665	9.3	83046.3	-0632.8	2755	9.5	84650.4	-0638.1	2845	6.3	90516.3	-0630.9	2935	9.8	92456.3	-0626.2
2666	9.3	83049.7	-0624.4	2756	9.0	84650.9	-0658.4	2846	10.	90519.7	-0620.1	2936	9.6	92523.4	-0650.5
2667	8.8	83056.5	-0608.1	2757	9.2	84651.0	-0626.8	2847	10.	90523.1	-0609.4	2937	10.	92543.8	-0656.3
2668	9.9	83103.6	-0646.9	2758	9.8	84707.3	-0626.6	2848	9.6	90526.1	-0617.0	2938	9.2	92553.5	-0628.5
2669	6.7	83110.5	-0609.3	2759	8.9	84728.2	-0649.4	2849	9.4	90548.4	-0603.0	2939	6.8	92608.9	-0632.8
2670	8.5	83125.4	-0654.4	2760	9.8	84736.3	-0645.3	2850	8.5	90553.8	-0657.3	2940	9.0	92634.0	-0639.3
2671	7.5	83148.6	-0620.3	2761	9.8	84736.5	-0636.0	2851	10.	90625.9	-0601.6	2941	10.	92648.6	-0632.0
2672	9.8	83156.0	-0633.2	2762	9.9	84748.2	-0647.8	2852	9.3	90626.1	-0624.7	2942	10.	92649.4	-0620.6
2673	9.1	83201.9	-0600.2	2763	9.9	84802.9	-0633.7	2853	9.6	90628.9	-0603.0	2943	9.1	92702.0	-0624.4
2674	9.3	83213.8	-0638.5	2764	9.7	84816.1	-0634.2	2854	9.1	90638.0	-0644.4	2944	9.1	92714.8	-0613.0
2675	10.	83218.6	-0623.3	2765	9.4	84851.7	-0657.3	2855	8.5	90642.0	-0615.7	2945	8.3	92740.3	-0653.2
2676	9.8	83228.1	-0638.5	2766	9.3	84852.8	-0629.0	2856	9.7	90643.6	-0655.4	2946	9.4	92754.5	-0629.6
2677	9.7	83230.0	-0639.1	2767	9.5	84905.9	-0622.8	2857	9.1	90726.8	-0611.9	2947	8.7	92758.0	-0626.4
2678	9.8	83240.0	-0651.9	2768	9.5	84927.6	-0619.2	2858	9.1	90741.4	-0603.0	2948	10.	92818.3	-0616.8
2679	9.8	83243.1	-0655.0	2769	9.5	84938.2	-0615.9	2859	9.6	90741.4	-0644.7	2949	10.	92818.7	-0656.3
2680	9.8	83252.2	-0632.7	2770	10.	84940.5	-0628.8	2860	9.0	90746.3	-0625.7	2950	9.0	92825.2	-0609.1
2681	10.	83253.2	-0625.5	2771	9.8	84959.4	-0618.0	2861	9.5	90750.1	-0630.6	2951	9.5	92833.3	-0613.1
2682	9.8	83301.4	-0651.5	2772	8.3	85007.8	-0611.4	2862	8.3	90811.2	-0620.4	2952	9.0	92901.7	-0646.4
2683	8.7	83303.3	-0650.0	2773	9.5	85018.7	-0637.0	2863	9.3	90825.7	-0635.2	2953	9.5	92922.4	-0616.3
2684	10.	83323.7	-0605.6	2774	8.0	85023.8	-0650.9	2864	9.7	90839.7	-0644.0	2954	10.	92926.2	-0603.3
2685	8.5	83330.1	-0611.8	2775	10.	85025.1	-0640.8	2865	9.5	90845.5	-0625.7	2955	9.1	92934.3	-0653.3
2686	8.6	83357.5	-0619.8	2776	9.0	85026.7	-0612.4	2866	9.5	90846.3	-0648.8	2956	8.3	92939.1	-0623.5
2687	8.6	83408.6	-0600.9	2777	9.3	85041.7	-0648.4	2867	10.	90852.9	-0602.5	2957	9.5	93008.5	-0624.6
2688	9.6	83427.2	-0626.5	2778	8.5	85052.4	-0622.6	2868	9.4	90900.9	-0602.9	2958	9.5	93051.4	-0654.9
2689	9.8	83428.3	-0627.6	2779	9.5	85143.7	-0645.8	2869	9.2	90911.2	-0620.4	2959	9.1	93051.9	-0657.6
2690	8.9	83429.8	-0605.6	2780	9.5	85151.4	-0622.8	2870	9.9	90924.0	-0659.0	2960	9.9	93052.2	-0609.1
2691	10.	83442.8	-0648.0	2781	8.3	85254.7	-0631.4	2871	9.4	90926.3	-0642.7	2961	9.3	93054.0	-0620.1
2692	9.4	83446.2	-0649.5	2782	9.5	85314.9	-0609.8	2872	8.5	90931.5	-0606.7	2962	9.7	93120.3	-0637.1
2693	9.4	83450.0	-0637.4	2783	9.3	85333.0	-0601.1	2873	9.9	90950.0	-0610.0	2963	9.4	93139.8	-0651.4
2694	9.5	83455.4	-0612.9	2784	8.5	85343.5	-0650.9	2874	9.5	91000.0	-0606.4	2964	10.	93145.7	-0612.0
2695	9.0	83508.9	-0631.9	2785	9.4	85400.6	-0606.4	2875	8.7	91026.5	-0651.7	2965	10.	93147.7	-0657.1
2696	10.	83513.4	-0628.7	2786	10.	85400.8	-0654.4	2876	9.5	91036.4	-0629.1	2966	9.8	93202.9	-0626.3
2697	9.5	83526.9	-0638.7	2787	8.7	85409.7	-0616.0	2877	9.0	91059.8	-0652.2	2967	9.5	93218.8	-0659.3
2698	9.4	83528.1	-0613.5	2788	10.	85418.8	-0655.8	2878	9.6	91101.7	-0627.2	2968	9.1	93221.2	-0645.3
2699	9.7	83532.1	-0631.2	2789	9.0	85422.3	-0632.1	2879	9.7	91105.1	-0633.5	2969	9.4	93232.1	-0601.8
2700	8.5	83538.5	-0658.2	2790	9.8	85425.2	-0637.9	2880	9.3	91106.5	-0647.5	2970	9.8	93244.6	-0602.8
2701	9.8	83547.0	-0638.0	2791	9.5	85427.6	-0608.7	2881	9.8	91109.0	-0631.2	2971	9.0	93247.2	-0607.8
2702	9.1	83559.4	-0651.0	2792	9.8	85433.5	-0647.5	2882	9.4	91119.2	-0636.3	2972	9.4	93254.9	-0631.9
2703	9.0	83603.6	-0640.0	2793	9.4	85439.6	-0644.4	2883	9.5	91145.1	-0622.7	2973	9.5	93312.1	-0626.8
2704	10.	83611.2	-0644.5	2794	9.0	85450.5	-0617.8	2884	10.	91229.3	-0628.1	2974	7.8	93328.8	-0614.0
2705	8.6	83617.2	-0633.4	2795	9.2	85451.7	-0611.7	2885	9.7	91313.3	-0659.5	2975	8.2	93400.9	-0658.7
2706	9.5	83625.8	-0609.3	2796	9.7	85513.3	-0608.9	2886	9.8	91314.3	-0652.3	2976	10.	93412.8	-0659.9
2707	8.7	83629.1	-0641.8	2797	9.1	85518.8	-0656.6	2887	9.5	91329.8	-0600.9	2977	8.6	93437.0	-0606.2
2708	4.5	83633.7	-0642.8	2798	10.	85526.1	-0650.3	2888	9.8	91344.8	-0635.7	2978	9.1	93437.1	-0643.9
2709	9.4	83648.9	-0601.0	2799	10.	85544.2	-0632.7	2889	9.5	91346.3	-0603.1	2979	9.2	93449.0	-0638.1
2710	9.8	83709.5	-0623.1	2800	9.9	85551.2	-0653.0	2890	9.8	91346.5	-0633.3	2980	9.8	93450.9	-0603.0
2711	10.	83714.4	-0653.2	2801	9.1	85620.5	-0612.2	2891	8.5	91410.8	-0603.8	2981	10.	93507.4	-0641.0
2712	9.8	83738.3	-0612.7	2802	10.	85640.4	-0628.9	2892	9.7	91441.2	-0638.4	2982	10.	93520.4	-0641.1
2713	9.0	83746.1	-0600.5	2803	9.6	85651.0	-0608.9	2893	10.	91454.3	-0644.0	2983	9.2	93522.9	-0624.5
2714	7.2	83809.4	-0627.3	2804	9.5	85653.3	-0606.8	2894	9.6	91514.4	-0618.9	2984	9.2	93552.1	-0623.3
2715	9.5	83838.1	-0640.8	2805	9.8	85659.6	-0629.6	2895	9.8	91556.5	-0653.5	2985	8.3	93611.8	-0610.4
2716	9.5	83838.5	-0636.5	2806	9.5	85704.6	-0629.3	2896	9.8	91642.6	-0620.6	2986	9.7	93623.9	-0618.1
2717	8.4	83844.7	-0626.2	2807	9.2	85724.6	-0649.4	2897	9.8	91646.8	-0655.5	2987	9.2	93645.9	-0658.7
2718	9.0	83848.4	-0611.5	2808	9.8	85742.1	-0647.6	2898	9.9	91702.9	-0659.7	2988	9.5	93710.5	-0648.4
2719	8.3	83850.6	-0600.5	2809	9.8	85743.7	-0650.7	2899	8.0	91718.5	-0616.2	2989	8.0	93739.6	-0602.4
2720	9.3	83931.2	-0644.1	2810	9.8	85744.9	-0641.8	2900	10.	91728.8	-0612.8	2990	9.8	93826.7	-0604.5
2721	9.5	83944.9	-0616.8	2811	10.	85753.2	-0603.1	2901	9.3	91737.5	-0613.9	2991	9.5	93830.1	-0657.3
2722	9.3	83948.3	-0648.3	2812	10.	85803.2	-0624.0	2902	9.5	91748.7	-0644.5	2992	9.4	93831.5	-0642.9
2723	8.5	83951.3	-0613.6	2813	10.	85803.6	-0638.2	2903	9.4	91840.4	-0651.0	2993	9.4	93914.2	-0638.7
2724	9.4	84015.5	-0630.7	2814	9.6	85815.9	-0634.9	2904	9.2	91859.4	-0651.2	2994	9.9	93916.9	-0644.7
2725	9.8	84023.4	-0616.4	2815	9.5	85828.1	-0615.8	2905	9.0	91851.8	-0603.2	2995	10.	93922.9	-0608.5
2726	9.4	84045.0	-0618.3	2816	9.6	85845.6	-0649.1	2906	10.	91902.7	-0634.0	2996	9.1	93928.8	-0616.3
2727	6.8	84055.8	-0601.1	2817	8.3	85922.6	-0640.1	2907	9.4	91915.3	-0603.1	2997	8.5	93934.1	-0628.0
2728	10.	84111.4	-0613.6	2818	9.9	85924.3	-0655.0	2908	9.5	91919.4	-0658.5	2998	9.5	93948.7	-0637.5
2729	9.0	84112.3	-0647.1	2819	10.	85939.7	-0604.0	2909	9.5	91942.7	-0644.6	2999	9.1	94013.1	-0648.1
2730	9.3	84141.2	-0643.5	2820	9.5	85942.6	-0648.9	2910	9.2	91946.3	-0602.5	3000	9.5	94015.5	-0644.1
2731	8.2	84158.5	-0628.2	2821	9.0	85948.3	-0657.1	2911	10.	91947.6	-0611.2	3001	10.	94016.7	-0612.1
2732	8.5	84201.8	-0614.5	2822	9.5	90024.9	-0636.6	2912	9.0	91949.2	-0652.8	3002	9.5	94037.5	-0652.0
2733	8.7	84207.9	-0634.4	2823	9.6	90039.7	-0606.1	2913	9.0	92011.8	-0601.4	3003	7.2	94059.8	-0634.7
2734	10.	84216.9	-0603.5	2824	9.4	90042.2	-0631.8	2914	10.	92028.7	-0608.3	3004	10.	94105.3	-0640.3
2735	9.3	84225.0	-0658.0	2825	8.3	90042.9	-0633.3	2915	9.3	92034.7	-0632.8	3005	8.1	94120.4	-0639.0
2736	9.4	84242.1	-0605.1	2826	9.3	90112.0	-0645.9	2916	9.7	92037.1	-0630.4	3006	10.	94126.9	-0609.2
2737	9.7	84250.9	-0632.9	2827	9.1	90152.8	-0616.8	2917	8.8	92040.2	-0643.6	3007	9.5	94128.4	-0655.3
2738	10.	84257.0	-0643.2	2828	10.	90213.2	-0619.2	2918	9.8	92102.9	-0613.8	3008	9.6	94130.9	-0655.6
2739	10.	84329.3	-0630.7	2829	10.	90247.6	-0655.2	2919	9.5	92116.5	-0602.0	3009	9.0	94223.9	-0610.7
2740	8.7	84339.6	-0631.4	2830	9.1	90319.9	-0636.9	2920	9.1	92150.0	-0634.8	3010	8.9	94227.0	-0639.5
2741	9.3	84403.7	-0625.9	2831	9.8	90321.5	-0654.1	2921	9.3	92152.0	-0655.2	3011	9.1	94259.8	-0609.4
2742	9.6	84423.1	-0631.7	2832	9.9	90324.9	-0646.6	2922	9.4	92155.2	-0641.6	3012	8.9	94313.3	-0600.7
2743	6.3	84426.4	-0638.5	2833	9.4	90401.3	-0611.5	2923	8.2	92221.4	-0651.9	3013	7.5	94329.4	-0642.4
2744	8.2	84435.3	-0614.3	2834	9.4	90405.3	-0609.9	2924	10.	92235.0	-0618.5	3014	9.0	94358.3	-0618.3
2745	10.	84436.4	-0609.0	2835	10.	90411.4	-0614.6	2925	9.3	92255.7	-0640.8	3015	9.4	94408.4	-0654.2
2746	9.3	84448.0	-0648.6	2836	9.5	90417.3	-0659.0	2926	10.	92322.3	-0608.5	3016	8.3	94508.4	-0655.1
2747	9.8	84501.1	-0636.2	2837	9.4	90418.4	-0620.6	2927	10.	92324.3	-0657.3	3017	9.3	94510.8	-0648.5
2748	9.7	84512.5	-0622.3	2838	10.	90434.7	-0602.1	2928	8.5	92345.2	-0602.9	3018	9.4	94518.5	-0622.0
2749	9.7	84514.9	-0646.1	2839	8.0	90441.4	-0623.0	2929	9.5	92359.9	-0627.7	3019	9.9	94535.9	-0606.6
2750	9.7	84518.0	-0639.5	2840	9.0	90453.4	-0620.7	2930	9.7	92408.1	-0627.4	3020	8.8	94552.0	-0639.7
2751	9.7	84545.4	-0622.6	2841	9.0	90502.2	-0653.1	2931	9.1	92420.2	-0647.6	3021	9.8	94605.2	-0656.9
2752	8.8	84623.2	-0603.0	2842	8.9	90511.4	-0633.4	2932	10.	92421.7	-0654.6	3022	10.	94620.7	-0649.6
2753	9.9	84634.7	-0606.8	2843	9.0	90513.5	-0612.0	2933	7.8	92437.4	-0651.7	3023	10.	94621.5	-0620.5

-06 3024 9h46m -06 3383 11h20m

3024	9.6	94622.1	-0602.6	3114	10.	100714.0	-0622.7	3204	8.9	103151.4	-0649.5	3294	9.8	105542.5	-0648.2
3025	10.	94639.0	-0639.4	3115	9.7	100727.7	-0629.7	3205	9.8	103329.8	-0657.6	3295	9.1	105545.5	-0626.6
3026	9.8	94741.4	-0617.7	3116	9.0	100731.2	-0630.2	3206	9.4	103350.1	-0632.0	3296	10.	105608.6	-0647.7
3027	9.0	94746.6	-0647.0	3117	8.8	100806.2	-0628.0	3207	9.8	103406.4	-0653.5	3297	9.6	105611.2	-0627.2
3028	9.0	94801.3	-0623.4	3118	9.3	100852.7	-0631.3	3208	9.7	103427.1	-0651.5	3298	9.6	105613.9	-0632.7
3029	9.5	94802.9	-0618.0	3119	9.7	100915.6	-0653.7	3209	10.	103427.3	-0620.6	3299	9.2	105630.2	-0602.9
3030	9.8	94849.4	-0612.4	3120	9.4	100916.3	-0623.0	3210	9.1	103431.9	-0648.8	3300	7.2	105630.3	-0654.1
3031	9.4	94853.4	-0617.4	3121	8.8	101003.1	-0610.0	3211	9.9	103432.1	-0645.9	3301	9.2	105646.1	-0636.8
3032	9.3	94854.7	-0618.9	3122	9.3	101027.7	-0638.1	3212	10.	103436.8	-0642.8	3302	9.8	105711.2	-0602.4
3033	6.8	94855.8	-0657.6	3123	9.0	101041.3	-0611.1	3213	9.4	103457.0	-0603.4	3303	9.7	105733.9	-0626.1
3034	9.5	94903.6	-0644.1	3124	9.8	101053.0	-0601.0	3214	9.5	103514.8	-0626.2	3304	9.4	105736.0	-0645.9
3035	9.2	94905.3	-0626.9	3125	8.8	101121.4	-0646.7	3215	9.4	103528.5	-0643.9	3305	7.7	105846.1	-0613.5
3036	9.3	94907.2	-0635.9	3126	9.8	101157.2	-0626.0	3216	9.3	103539.5	-0601.8	3306	9.8	105847.5	-0625.3
3037	9.7	94941.6	-0634.8	3127	9.3	101306.1	-0613.9	3217	9.1	103543.9	-0607.0	3307	9.3	105849.5	-0633.8
3038	9.4	94950.9	-0619.6	3128	5.4	101315.2	-0616.8	3218	9.6	103607.8	-0646.1	3308	9.8	105935.9	-0643.4
3039	9.8	94955.8	-0603.7	3129	8.8	101319.1	-0616.8	3219	10.	103649.8	-0615.2	3309	9.6	105957.9	-0606.3
3040	8.9	95003.5	-0641.2	3130	9.5	101405.5	-0604.6	3220	10.	103652.3	-0616.3	3310	8.3	110009.7	-0601.6
3041	9.2	95019.2	-0649.8	3131	9.8	101422.4	-0604.2	3221	9.1	103703.3	-0658.8	3311	9.4	110053.0	-0649.0
3042	9.5	95031.7	-0603.0	3132	9.5	101445.7	-0623.1	3222	9.8	103705.5	-0625.5	3312	9.8	110111.6	-0634.7
3043	10.	95101.6	-0651.4	3133	9.4	101511.2	-0626.1	3223	9.7	103706.2	-0620.0	3313	9.5	110117.5	-0611.1
3044	9.4	95108.8	-0658.6	3134	8.4	101530.7	-0601.2	3224	9.5	103711.0	-0627.3	3314	9.0	110149.6	-0605.5
3045	8.7	95118.4	-0630.1	3135	9.1	101535.1	-0640.6	3225	9.9	103751.4	-0649.1	3315	9.8	110159.6	-0601.7
3046	9.7	95124.5	-0617.2	3136	9.3	101603.6	-0630.2	3226	9.7	103815.3	-0634.0	3316	9.5	110255.4	-0631.4
3047	9.4	95129.3	-0614.4	3137	9.6	101605.2	-0623.5	3227	8.5	103817.8	-0648.8	3317	7.0	110256.1	-0636.0
3048	10.	95151.4	-0637.5	3138	9.3	101615.3	-0621.0	3228	10.	103851.8	-0622.1	3318	9.8	110307.3	-0652.5
3049	9.2	95157.8	-0613.0	3139	8.7	101638.7	-0631.4	3229	9.8	104012.2	-0658.5	3319	9.3	110330.9	-0600.4
3050	9.4	95216.7	-0656.0	3140	7.8	101709.6	-0651.2	3230	9.0	104022.0	-0603.3	3320	9.5	110338.9	-0606.6
3051	10.	95226.8	-0612.5	3141	9.2	101722.0	-0659.2	3231	9.8	104025.7	-0628.3	3321	8.8	110406.6	-0600.0
3052	9.7	95226.9	-0631.5	3142	9.8	101727.7	-0629.2	3232	8.8	104039.4	-0639.2	3322	9.8	110408.6	-0603.1
3053	9.4	95245.7	-0611.8	3143	10.	101744.3	-0630.7	3233	8.7	104137.4	-0624.8	3323	9.3	110409.6	-0604.7
3054	8.3	95259.2	-0600.4	3144	10.	101754.0	-0658.0	3234	9.9	104145.4	-0605.4	3324	9.0	110430.5	-0636.8
3055	8.8	95308.7	-0649.6	3145	9.8	101818.8	-0603.7	3235	8.8	104215.5	-0600.2	3325	9.0	110456.7	-0650.7
3056	8.3	95330.4	-0624.5	3146	6.0	101829.1	-0619.5	3236	9.8	104215.7	-0656.6	3326	8.8	110532.0	-0608.7
3057	8.8	95335.7	-0600.5	3147	10.	101833.1	-0647.7	3237	7.8	104241.8	-0647.9	3327	9.3	110541.3	-0641.7
3058	9.3	95348.8	-0609.4	3148	9.5	101836.2	-0606.1	3238	9.8	104311.7	-0658.1	3328	8.9	110542.0	-0628.2
3059	8.9	95409.0	-0627.2	3149	10.	101838.5	-0619.2	3239	8.8	104316.9	-0600.2	3329	9.2	110555.7	-0624.9
3060	9.0	95512.4	-0623.6	3150	9.8	101841.1	-0647.0	3240	9.8	104323.3	-0609.8	3330	10.	110608.6	-0637.2
3061	9.2	95533.2	-0654.7	3151	9.3	101848.6	-0654.3	3241	10.	104325.9	-0636.4	3331	9.0	110639.0	-0637.9
3062	8.8	95546.3	-0608.9	3152	9.8	101924.0	-0625.2	3242	9.1	104326.2	-0620.5	3332	9.5	110649.7	-0625.2
3063	9.9	95557.9	-0616.2	3153	9.7	101935.3	-0632.0	3243	9.8	104347.2	-0655.9	3333	9.1	110700.9	-0644.6
3064	9.6	95631.2	-0613.1	3154	9.4	101938.1	-0654.4	3244	9.8	104405.7	-0624.1	3334	10.	110745.8	-0655.9
3065	9.4	95632.8	-0649.4	3155	9.1	101954.6	-0654.6	3245	9.5	104407.3	-0648.1	3335	8.8	110756.4	-0625.2
3066	8.9	95642.7	-0658.1	3156	9.8	101959.5	-0653.0	3246	9.1	104435.2	-0624.5	3336	8.9	110801.4	-0613.6
3067	9.3	95704.4	-0617.8	3157	9.5	102004.7	-0641.9	3247	8.5	104436.3	-0625.2	3337	10.	110832.0	-0611.4
3068	7.5	95711.7	-0630.8	3158	9.9	102008.0	-0628.2	3248	9.7	104454.0	-0625.2	3338	9.3	110843.4	-0642.0
3069	10.	95713.8	-0613.9	3159	9.9	102035.9	-0607.8	3249	10.	104454.8	-0649.4	3339	9.8	110844.8	-0623.0
3070	10.	95741.0	-0631.1	3160	10.	102036.8	-0616.2	3250	9.2	104522.8	-0613.4	3340	9.2	110857.9	-0621.0
3071	10.	95831.9	-0609.7	3161	9.5	102045.2	-0636.5	3251	10.	104526.7	-0653.4	3341	10.	110900.5	-0654.9
3072	9.3	95843.3	-0620.7	3162	10.	102048.2	-0635.6	3252	9.2	104531.8	-0602.7	3342	9.6	110906.5	-0600.8
3073	9.4	95906.0	-0644.6	3163	9.7	102101.4	-0605.8	3253	10.	104537.4	-0629.5	3343	9.3	110931.4	-0638.6
3074	9.3	95933.3	-0637.7	3164	10.	102101.7	-0609.7	3254	9.5	104541.3	-0602.9	3344	6.5	110937.8	-0620.7
3075	9.8	95959.1	-0621.7	3165	9.6	102143.5	-0607.7	3255	9.5	104558.2	-0637.3	3345	9.2	110942.1	-0620.9
3076	9.1	100005.5	-0630.2	3166	9.5	102214.1	-0652.3	3256	9.2	104605.6	-0657.6	3346	9.2	111017.3	-0625.4
3077	10.	100016.8	-0616.1	3167	9.8	102221.6	-0604.3	3257	9.2	104618.7	-0656.5	3347	9.8	111047.9	-0643.1
3078	6.8	100032.1	-0655.3	3168	9.7	102222.9	-0631.2	3258	10.	104638.2	-0607.4	3348	9.1	111102.3	-0655.8
3079	9.5	100109.0	-0613.5	3169	9.8	102250.0	-0620.1	3259	10.	104638.6	-0649.8	3349	9.5	111102.8	-0623.5
3080	9.4	100125.9	-0632.9	3170	9.8	102251.5	-0652.0	3260	10.	104649.3	-0636.6	3350	8.7	111105.8	-0656.2
3081	10.	100134.4	-0625.9	3171	9.2	102340.4	-0652.9	3261	9.8	104706.1	-0659.5	3351	10.	111111.1	-0628.8
3082	9.1	100135.7	-0654.7	3172	8.5	102342.0	-0615.6	3262	9.8	104709.9	-0629.2	3352	8.4	111123.9	-0607.2
3083	9.8	100144.1	-0631.8	3173	6.0	102343.5	-0653.8	3263	9.4	104800.3	-0600.5	3353	10.	111139.6	-0631.9
3084	9.3	100203.4	-0640.4	3174	9.6	102353.1	-0659.2	3264	8.4	104802.6	-0649.4	3354	10.	111141.8	-0654.2
3085	10.	100205.2	-0608.2	3175	9.8	102354.0	-0624.0	3265	8.5	104803.4	-0603.4	3355	8.3	111201.4	-0647.0
3086	9.5	100218.3	-0637.3	3176	9.8	102355.5	-0621.4	3266	8.5	104804.8	-0611.5	3356	8.3	111222.9	-0606.3
3087	9.8	100224.5	-0644.9	3177	9.5	102411.3	-0632.0	3267	10.	104825.7	-0642.8	3357	9.7	111237.3	-0654.5
3088	10.	100228.2	-0612.6	3178	9.2	102450.3	-0626.3	3268	10.	104904.8	-0603.7	3358	9.6	111318.9	-0635.6
3089	10.	100330.9	-0614.1	3179	9.8	102513.6	-0641.3	3269	10.	104920.7	-0642.2	3359	8.7	111344.9	-0605.6
3090	10.	100350.8	-0618.2	3180	9.1	102519.1	-0606.6	3270	10.	104941.7	-0644.4	3360	9.8	111358.2	-0655.0
3091	9.5	100354.7	-0658.8	3181	9.1	102533.6	-0608.4	3271	10.	105007.2	-0643.5	3361	10.	111358.5	-0628.8
3092	8.0	100356.3	-0619.9	3182	9.8	102543.4	-0651.9	3272	10.	105036.2	-0628.5	3362	9.5	111406.5	-0604.8
3093	9.2	100401.1	-0607.7	3183	9.8	102545.0	-0646.7	3273	9.4	105045.0	-0633.0	3363	9.0	111427.8	-0615.4
3094	9.3	100401.3	-0631.5	3184	9.5	102556.0	-0621.8	3274	8.7	105111.1	-0616.8	3364	10.	111439.8	-0643.5
3095	10.	100402.7	-0613.2	3185	9.2	102601.2	-0628.6	3275	10.	105125.1	-0658.9	3365	9.7	111440.5	-0646.6
3096	7.2	100403.5	-0636.2	3186	9.5	102618.0	-0652.5	3276	9.4	105152.7	-0638.8	3366	9.4	111455.9	-0609.4
3097	9.3	100432.2	-0609.0	3187	9.3	102627.4	-0620.9	3277	9.7	105201.6	-0647.1	3367	9.3	111521.9	-0607.0
3098	10.	100437.8	-0618.6	3188	9.4	102632.9	-0625.6	3278	8.8	105206.5	-0634.1	3368	9.4	111524.9	-0639.0
3099	9.3	100447.6	-0631.8	3189	9.6	102815.3	-0656.0	3279	9.8	105208.7	-0642.7	3369	9.8	111537.3	-0625.5
3100	9.5	100451.8	-0617.9	3190	10.	102821.8	-0638.8	3280	9.4	105222.8	-0602.5	3370	8.4	111630.0	-0621.0
3101	10.	100458.3	-0602.4	3191	9.8	102827.0	-0614.6	3281	8.3	105226.0	-0648.0	3371	9.7	111631.7	-0651.3
3102	9.2	100510.0	-0634.4	3192	9.2	102833.9	-0640.6	3282	9.3	105244.1	-0611.0	3372	9.7	111728.2	-0608.4
3103	10.	100533.8	-0622.7	3193	9.6	102900.2	-0635.2	3283	9.8	105249.7	-0611.6	3373	9.1	111755.5	-0623.3
3104	10.	100549.8	-0621.1	3194	8.3	102930.0	-0608.2	3284	9.5	105311.6	-0604.2	3374	9.7	111802.7	-0602.8
3105	8.0	100607.7	-0616.5	3195	9.6	102946.0	-0652.3	3285	9.3	105329.2	-0625.2	3375	9.3	111821.9	-0627.3
3106	9.5	100612.2	-0634.6	3196	9.5	102947.5	-0640.4	3286	9.8	105333.1	-0622.4	3376	10.	111825.8	-0618.3
3107	9.8	100612.4	-0645.5	3197	9.8	102959.3	-0630.9	3287	9.0	105351.5	-0655.6	3377	9.1	111839.4	-0624.9
3108	9.8	100616.7	-0619.2	3198	9.4	103023.4	-0658.0	3288	9.5	105352.6	-0644.2	3378	9.5	111842.0	-0654.1
3109	7.3	100631.6	-0640.3	3199	9.8	103101.4	-0652.2	3289	8.9	105416.2	-0612.1	3379	9.0	111843.1	-0643.4
3110	9.1	100652.7	-0634.4	3200	9.4	103103.9	-0619.1	3290	9.3	105419.1	-0647.7	3380	8.2	111927.5	-0659.8
3111	9.4	100659.6	-0659.8	3201	8.1	103115.8	-0625.8	3291	9.6	105443.6	-0636.3	3381	9.5	111932.9	-0628.5
3112	10.	100702.3	-0627.2	3202	9.6	103119.0	-0601.0	3292	9.7	105500.8	-0629.1	3382	9.5	111953.0	-0654.7
3113	9.5	100708.9	-0629.7	3203	9.7	103125.9	-0637.4	3293	9.4	105501.2	-0601.9	3383	10.	112004.6	-0618.1

-06 3384 11h20m

-06 3743 13h01m

3384	9.4	112009.9	-0605.1	3474	8.8	114647.2	-0641.3	3564	9.0	121741.4	-0645.3	3654	9.5	124140.4	-0613.3
3385	9.5	112036.7	-0602.5	3475	8.3	114650.1	-0634.8	3565	8.8	121808.2	-0648.9	3655	9.4	124152.6	-0639.8
3386	9.5	112044.4	-0656.4	3476	9.4	114651.1	-0608.2	3566	9.4	121810.7	-0629.0	3656	7.5	124213.6	-0604.9
3387	8.4	112048.5	-0630.3	3477	9.4	114755.8	-0630.7	3567	9.1	121819.2	-0611.2	3657	9.2	124224.8	-0616.0
3388	9.1	112114.7	-0604.3	3478	9.1	114756.0	-0625.5	3568	9.6	121826.3	-0631.0	3658	8.3	124231.1	-0623.8
3389	10.	112116.5	-0647.2	3479	9.1	114850.6	-0619.7	3569	10.	121845.6	-0604.1	3659	7.0	124236.7	-0650.3
3390	9.8	112127.2	-0625.8	3480	10.	114923.5	-0616.3	3570	8.0	121851.4	-0631.3	3660	9.2	124254.4	-0634.2
3391	9.4	112156.5	-0631.0	3481	9.1	114950.1	-0610.6	3571	8.8	121920.9	-0655.1	3661	9.0	124300.1	-0637.9
3392	9.3	112206.2	-0639.3	3482	9.6	114957.2	-0651.1	3572	9.5	121930.0	-0621.3	3662	8.7	124311.1	-0650.5
3393	10.	112213.3	-0632.0	3483	10.	114958.8	-0620.7	3573	9.8	122006.4	-0611.7	3663	9.0	124328.3	-0616.1
3394	9.4	112223.6	-0606.2	3484	9.8	115020.7	-0608.4	3574	9.0	122013.4	-0646.7	3664	10.	124340.4	-0631.3
3395	8.9	112240.7	-0602.2	3485	9.0	115040.3	-0609.9	3575	9.3	122022.7	-0612.5	3665	8.8	124343.9	-0609.2
3396	9.0	112324.5	-0621.1	3486	9.1	115048.2	-0626.5	3576	9.1	122030.9	-0655.0	3666	9.5	124353.5	-0652.0
3397	10.	112354.5	-0617.8	3487	9.0	115101.4	-0649.3	3577	8.4	122032.4	-0645.8	3667	9.5	124353.7	-0631.4
3398	9.1	112411.0	-0612.4	3488	9.3	115135.7	-0648.2	3578	8.9	122036.7	-0607.1	3668	9.5	124353.8	-0606.5
3399	9.8	112417.4	-0629.5	3489	9.2	115209.1	-0609.6	3579	9.1	122106.8	-0633.0	3669	9.0	124409.1	-0641.5
3400	9.5	112438.2	-0642.2	3490	10.	115217.1	-0603.0	3580	9.6	122121.1	-0643.0	3670	9.4	124431.4	-0617.0
3401	8.7	112444.9	-0649.1	3491	9.5	115220.2	-0624.1	3581	9.4	122141.9	-0602.5	3671	9.4	124453.9	-0629.4
3402	9.8	112511.5	-0657.9	3492	8.3	115229.7	-0649.8	3582	9.9	122227.0	-0620.7	3672	10.	124457.3	-0640.5
3403	9.1	112513.0	-0606.8	3493	8.8	115324.0	-0614.8	3583	8.5	122237.9	-0611.2	3673	9.1	124521.5	-0604.8
3404	9.0	112536.1	-0636.2	3494	9.5	115404.1	-0600.6	3584	9.0	122241.8	-0604.7	3674	8.8	124527.1	-0620.2
3405	10.	112543.4	-0658.2	3495	10.	115428.0	-0619.1	3585	9.4	122306.6	-0635.1	3675	10.	124542.2	-0603.4
3406	9.3	112601.6	-0625.6	3496	9.0	115451.5	-0611.9	3586	9.4	122318.0	-0627.7	3676	9.4	124545.6	-0642.1
3407	10.	112608.7	-0636.0	3497	8.6	115458.6	-0630.1	3587	9.0	122348.8	-0651.8	3677	9.6	124556.8	-0611.4
3408	9.7	112624.9	-0638.9	3498	9.5	115525.3	-0637.4	3588	9.5	122505.3	-0630.3	3678	10.	124603.7	-0647.1
3409	9.5	112636.0	-0646.4	3499	6.3	115526.7	-0652.5	3589	8.7	122543.7	-0628.0	3679	9.0	124622.2	-0616.1
3410	9.8	112645.4	-0612.2	3500	10.	115621.0	-0654.1	3590	9.5	122613.2	-0632.4	3680	9.2	124628.0	-0602.5
3411	9.7	112658.7	-0617.9	3501	8.9	115626.0	-0607.5	3591	9.5	122619.5	-0645.9	3681	8.3	124655.6	-0649.3
3412	9.8	112710.2	-0647.7	3502	9.5	115635.1	-0647.3	3592	10.	122649.4	-0620.1	3682	10.	124705.2	-0601.5
3413	10.	112721.6	-0621.7	3503	9.4	115651.5	-0608.0	3593	9.4	122659.3	-0624.1	3683	9.5	124715.0	-0622.5
3414	9.7	112731.1	-0651.0	3504	9.6	115700.2	-0602.1	3594	9.5	122720.3	-0617.6	3684	9.3	124715.1	-0650.8
3415	9.2	112812.2	-0601.6	3505	9.1	115837.5	-0630.9	3595	9.7	122729.1	-0614.3	3685	9.0	124716.0	-0649.3
3416	9.5	112818.1	-0638.8	3506	10.	115932.7	-0653.1	3596	9.3	122738.3	-0656.7	3686	9.4	124733.0	-0648.6
3417	9.3	112838.8	-0647.8	3507	10.	115933.5	-0656.8	3597	9.5	122803.3	-0624.1	3687	9.5	124738.5	-0658.2
3418	9.8	112903.0	-0653.9	3508	9.0	115957.0	-0643.2	3598	8.0	122815.4	-0638.8	3688	8.9	124802.2	-0626.3
3419	9.6	112926.2	-0635.7	3509	8.6	120108.6	-0602.6	3599	9.5	122826.8	-0656.3	3689	9.1	124828.1	-0608.5
3420	9.0	112936.7	-0600.9	3510	9.9	120118.1	-0607.8	3600	9.2	122830.7	-0604.7	3690	9.5	124834.9	-0617.5
3421	9.8	112951.0	-0652.2	3511	9.6	120133.2	-0635.0	3601	9.5	122840.0	-0615.6	3691	8.8	124840.9	-0628.6
3422	7.8	113126.6	-0648.1	3512	9.4	120136.8	-0646.5	3602	10.	122902.4	-0643.5	3692	9.1	124846.5	-0637.2
3423	9.5	113138.1	-0615.5	3513	9.3	120156.0	-0604.1	3603	9.2	122907.6	-0627.8	3693	9.4	124852.6	-0643.6
3424	9.3	113142.0	-0659.7	3514	9.5	120156.3	-0650.3	3604	9.1	122920.2	-0657.1	3694	9.4	124857.3	-0624.1
3425	9.0	113156.7	-0614.3	3515	9.4	120158.6	-0618.2	3605	9.4	122925.0	-0641.6	3695	10.	124924.2	-0651.5
3426	9.0	113158.2	-0636.5	3516	9.4	120214.6	-0613.0	3606	10.	122934.9	-0644.8	3696	9.8	124934.8	-0658.8
3427	9.1	113213.5	-0650.7	3517	8.7	120247.9	-0614.7	3607	9.8	122939.9	-0608.0	3697	10.	124940.0	-0615.3
3428	9.3	113228.6	-0642.9	3518	6.4	120300.8	-0657.9	3608	9.8	122943.1	-0631.9	3698	9.5	125004.4	-0617.0
3429	9.7	113251.0	-0627.3	3519	9.1	120322.0	-0645.8	3609	9.7	123017.8	-0655.0	3699	9.5	125011.4	-0606.9
3430	9.0	113307.7	-0637.4	3520	9.9	120339.3	-0631.8	3610	9.5	123030.0	-0641.6	3700	9.5	125015.0	-0659.3
3431	9.6	113347.1	-0648.1	3521	9.2	120411.5	-0648.1	3611	9.5	123033.0	-0613.4	3701	8.0	125023.9	-0621.5
3432	9.4	113406.8	-0632.0	3522	9.4	120434.6	-0605.0	3612	9.0	123040.5	-0615.5	3702	9.1	125041.9	-0651.9
3433	8.2	113420.0	-0625.1	3523	9.5	120440.2	-0631.7	3613	9.8	123044.9	-0647.5	3703	9.3	125045.9	-0652.3
3434	8.5	113429.6	-0608.3	3524	8.6	120448.2	-0611.6	3614	9.5	123046.8	-0611.3	3704	9.2	125051.1	-0632.8
3435	9.0	113445.9	-0656.0	3525	9.8	120452.1	-0620.7	3615	9.5	123156.1	-0609.5	3705	7.0	125105.1	-0609.8
3436	9.2	113502.3	-0649.2	3526	9.8	120456.3	-0608.9	3616	9.4	123158.1	-0633.4	3706	9.5	125112.4	-0617.7
3437	9.3	113518.0	-0647.9	3527	10.	120503.2	-0648.1	3617	8.6	123200.7	-0608.0	3707	9.1	125135.5	-0632.2
3438	9.8	113612.2	-0605.0	3528	8.8	120549.6	-0654.4	3618	9.5	123203.1	-0633.6	3708	9.3	125139.9	-0620.1
3439	9.8	113624.5	-0645.3	3529	9.9	120628.0	-0624.9	3619	9.4	123223.3	-0619.7	3709	9.5	125141.9	-0658.2
3440	9.2	113752.1	-0602.6	3530	9.9	120628.9	-0629.2	3620	8.8	123237.5	-0615.6	3710	9.1	125146.8	-0619.9
3441	9.5	113820.9	-0628.2	3531	9.2	120657.1	-0657.5	3621	10.	123316.2	-0617.7	3711	9.8	125155.6	-0611.2
3442	9.5	113821.7	-0626.8	3532	7.4	120742.0	-0627.0	3622	9.0	123327.8	-0623.0	3712	10.	125237.5	-0656.5
3443	8.4	113845.9	-0657.7	3533	9.5	120743.0	-0628.4	3623	9.5	123332.7	-0658.1	3713	9.3	125311.7	-0658.3
3444	9.8	113846.1	-0629.6	3534	9.9	120743.4	-0638.0	3624	9.0	123354.5	-0635.2	3714	8.8	125324.3	-0632.5
3445	9.8	113918.6	-0607.6	3535	10.	120756.5	-0619.3	3625	9.2	123401.2	-0648.9	3715	9.8	125332.9	-0605.5
3446	9.3	114016.8	-0655.1	3536	9.5	120757.3	-0610.8	3626	7.0	123428.3	-0642.1	3716	9.8	125339.5	-0606.1
3447	9.7	114019.4	-0650.0	3537	8.8	120839.2	-0639.7	3627	9.2	123456.2	-0648.8	3717	9.5	125404.5	-0611.2
3448	9.0	114022.0	-0612.0	3538	8.3	120855.6	-0643.5	3628	9.1	123509.1	-0625.2	3718	9.5	125410.5	-0652.5
3449	9.8	114054.5	-0642.8	3539	9.2	120910.5	-0602.1	3629	10.	123515.4	-0614.0	3719	9.3	125452.3	-0600.1
3450	9.2	114113.4	-0616.6	3540	9.5	120914.1	-0649.1	3630	9.2	123520.4	-0613.6	3720	9.5	125500.0	-0629.3
3451	9.8	114113.8	-0650.7	3541	8.8	120935.6	-0630.4	3631	9.3	123524.5	-0611.6	3721	8.9	125514.1	-0607.0
3452	9.1	114114.9	-0614.8	3542	9.5	121011.5	-0644.9	3632	9.1	123532.7	-0658.3	3722	9.5	125527.1	-0629.5
3453	9.3	114143.0	-0637.7	3543	8.8	121016.1	-0645.8	3633	9.9	123553.6	-0644.6	3723	9.6	125532.4	-0657.3
3454	9.8	114146.9	-0646.7	3544	9.5	121034.5	-0633.5	3634	9.8	123626.1	-0616.0	3724	9.3	125549.4	-0633.6
3455	6.8	114146.9	-0633.4	3545	10.	121143.0	-0652.9	3635	9.5	123632.7	-0658.2	3725	9.5	125551.7	-0630.7
3456	7.5	114151.4	-0605.3	3546	9.2	121153.4	-0635.6	3636	9.1	123633.0	-0628.5	3726	9.5	125602.7	-0630.7
3457	9.2	114214.9	-0636.6	3547	8.5	121240.6	-0616.0	3637	9.5	123736.2	-0656.6	3727	10.	125640.9	-0628.8
3458	8.7	114228.7	-0647.1	3548	8.7	121259.0	-0648.7	3638	8.9	123738.5	-0609.3	3728	9.4	125653.1	-0606.4
3459	9.8	114238.0	-0625.6	3549	10.	121355.0	-0658.9	3639	9.6	123801.0	-0627.2	3729	9.8	125721.7	-0623.8
3460	8.0	114255.0	-0634.4	3550	9.3	121357.2	-0627.3	3640	10.	123834.8	-0651.0	3730	9.5	125757.5	-0609.9
3461	9.1	114308.8	-0641.7	3551	9.4	121409.5	-0640.3	3641	9.7	123837.2	-0637.6	3731	8.5	125809.5	-0622.6
3462	9.8	114314.7	-0604.6	3552	9.1	121410.1	-0634.9	3642	9.3	123854.8	-0631.2	3732	8.3	125817.8	-0652.9
3463	9.3	114328.7	-0654.2	3553	9.4	121431.5	-0654.7	3643	9.4	123929.2	-0639.6	3733	8.8	125827.7	-0631.1
3464	9.6	114401.4	-0655.8	3554	9.7	121441.9	-0604.6	3644	7.8	123929.9	-0659.9	3734	9.5	125837.4	-0635.8
3465	9.8	114401.5	-0654.2	3555	8.8	121448.6	-0616.0	3645	9.5	123938.0	-0601.5	3735	9.0	125917.4	-0630.7
3466	9.0	114422.5	-0647.1	3556	10.	121456.5	-0608.6	3646	9.5	123955.0	-0630.9	3736	9.4	125923.3	-0621.2
3467	8.9	114439.1	-0604.1	3557	6.8	121541.8	-0629.6	3647	10.	123955.8	-0648.9	3737	9.2	125926.6	-0625.1
3468	9.6	114450.3	-0638.5	3558	9.0	121555.5	-0600.6	3648	9.8	123957.2	-0651.2	3738	9.5	125935.9	-0611.9
3469	9.2	114520.3	-0647.5	3559	8.8	121556.7	-0614.4	3649	9.3	124009.7	-0620.6	3739	9.7	125940.7	-0630.6
3470	10.	114536.1	-0620.9	3560	9.5	121615.4	-0624.9	3650	9.2	124011.4	-0622.4	3740	9.3	130010.3	-0655.7
3471	9.4	114601.2	-0644.4	3561	9.3	121617.5	-0631.0	3651	9.8	124033.6	-0645.2	3741	9.5	130055.5	-0648.6
3472	9.6	114611.7	-0602.9	3562	9.4	121631.5	-0642.2	3652	9.4	124050.8	-0633.4	3742	8.2	130056.0	-0632.1
3473	10.	114625.3	-0637.5	3563	9.5	121716.5	-0639.1	3653	9.7	124137.0	-0618.0	3743	9.5	130100.7	-0623.3

-06 3744 13h01m

-06 4103 14h47m

3744	9.5	130106.9	-0644.0	3834	8.5	132445.4	-0641.1	3924	8.8	135626.7	-0638.8	4014	9.3	142257.4	-0620.4
3745	9.0	130113.7	-0616.4	3835	9.5	132450.1	-0629.9	3925	8.8	135631.2	-0605.4	4015	9.1	142316.4	-0650.8
3746	9.5	130118.4	-0600.9	3836	9.1	132502.2	-0634.1	3926	9.5	135652.8	-0654.1	4016	10.	142332.5	-0639.7
3747	9.1	130201.0	-0626.3	3837	30.0	132525.9	-0626.9	3927	9.5	135701.5	-0652.5	4017	9.6	142334.8	-0626.0
3748	9.5	130207.6	-0636.0	3838	9.7	132547.4	-0610.9	3928	9.7	135716.0	-0646.2	4018	9.8	142340.6	-0603.9
3749	9.4	130211.5	-0638.7	3839	7.0	132550.3	-0652.7	3929	8.2	135722.6	-0611.0	4019	10.	142341.0	-0626.1
3750	7.2	130213.5	-0652.7	3840	9.1	132615.8	-0632.1	3930	7.9	135736.0	-0634.9	4020	9.5	142359.0	-0656.0
3751	10.	130216.9	-0615.0	3841	10.	132651.5	-0602.0	3931	9.5	135747.5	-0623.7	4021	8.4	142439.8	-0655.5
3752	9.2	130237.7	-0620.9	3842	9.4	132704.1	-0651.2	3932	10.	135811.7	-0640.0	4022	9.2	142451.8	-0635.9
3753	10.	130314.6	-0623.0	3843	8.1	132730.5	-0613.3	3933	8.8	135830.1	-0652.9	4023	8.6	142509.8	-0634.1
3754	9.7	130333.5	-0640.7	3844	9.5	132757.0	-0626.1	3934	10.	135843.2	-0644.0	4024	9.3	142519.5	-0654.4
3755	9.8	130336.8	-0650.2	3845	9.4	132803.6	-0610.1	3935	9.5	135915.7	-0611.4	4025	7.8	142541.9	-0617.5
3756	8.8	130342.3	-0654.3	3846	9.8	132817.6	-0637.1	3936	9.2	135938.2	-0655.3	4026	8.0	142600.3	-0613.3
3757	9.2	130343.5	-0601.9	3847	9.4	132840.3	-0614.3	3937	9.5	135952.2	-0653.6	4027	9.8	142606.4	-0628.1
3758	9.2	130406.2	-0637.5	3848	10.	132848.2	-0628.8	3938	9.2	140004.6	-0615.3	4028	9.9	142613.6	-0610.2
3759	10.	130409.9	-0603.9	3849	9.4	132855.6	-0613.2	3939	9.8	140109.2	-0656.5	4029	8.9	142625.3	-0638.9
3760	8.5	130413.3	-0616.6	3850	8.6	132938.9	-0623.7	3940	9.8	140112.0	-0607.0	4030	10.	142650.0	-0647.9
3761	10.	130416.4	-0612.0	3851	9.8	132951.6	-0626.5	3941	9.3	140134.6	-0607.5	4031	9.0	142733.4	-0644.5
3762	9.3	130439.6	-0607.0	3852	9.2	133029.1	-0642.2	3942	10.	140136.7	-0638.1	4032	9.6	142746.1	-0622.8
3763	9.5	130450.6	-0629.3	3853	9.4	133045.5	-0603.3	3943	9.0	140202.3	-0641.5	4033	9.1	142751.7	-0633.7
3764	9.5	130500.5	-0604.8	3854	9.4	133049.2	-0635.5	3944	8.8	140220.3	-0628.4	4034	9.0	142816.1	-0636.3
3765	8.9	130510.3	-0651.7	3855	8.7	133057.5	-0652.0	3945	9.1	140229.2	-0640.8	4035	9.0	142850.9	-0648.7
3766	9.2	130554.7	-0657.7	3856	9.5	133130.5	-0614.2	3946	9.7	140240.1	-0611.6	4036	9.5	142937.1	-0643.4
3767	9.2	130554.7	-0647.4	3857	9.5	133149.1	-0623.6	3947	9.3	140305.7	-0642.0	4037	9.5	143030.1	-0621.0
3768	9.2	130603.3	-0645.8	3858	9.8	133150.5	-0658.8	3948	9.8	140401.2	-0649.8	4038	9.2	143043.8	-0606.0
3769	8.5	130615.9	-0609.1	3859	9.5	133208.0	-0658.5	3949	9.8	140413.4	-0640.5	4039	9.2	143051.1	-0619.4
3770	9.2	130643.4	-0602.7	3860	9.8	133210.5	-0630.1	3950	9.3	140552.5	-0617.2	4040	9.5	143051.3	-0613.6
3771	9.5	130644.1	-0652.3	3861	9.5	133215.4	-0608.8	3951	9.4	140625.2	-0646.8	4041	7.8	143059.3	-0631.8
3772	9.5	130724.8	-0610.3	3862	9.8	133228.6	-0638.8	3952	8.0	140639.0	-0622.4	4042	9.8	143107.0	-0629.2
3773	8.9	130828.7	-0657.2	3863	9.5	133301.4	-0605.7	3953	9.1	140726.7	-0646.3	4043	9.4	143114.3	-0608.2
3774	10.	130901.7	-0620.4	3864	9.5	133305.5	-0601.9	3954	10.	140733.7	-0659.6	4044	9.6	143125.6	-0626.3
3775	10.	130915.9	-0623.9	3865	9.5	133320.4	-0602.2	3955	7.2	140803.5	-0659.1	4045	9.3	143131.0	-0638.5
3776	7.4	130916.1	-0610.0	3866	9.8	133320.4	-0639.0	3956	10.	140805.5	-0649.7	4046	9.1	143140.1	-0654.8
3777	9.4	130921.2	-0636.1	3867	9.5	133333.1	-0637.0	3957	8.5	140822.1	-0622.9	4047	9.8	143221.8	-0634.6
3778	9.2	130925.6	-0631.5	3868	8.0	133412.5	-0643.8	3958	10.	140840.8	-0643.8	4048	8.3	143225.3	-0618.8
3779	9.5	130944.9	-0609.3	3869	9.4	133416.5	-0652.8	3959	9.2	140850.6	-0613.3	4049	9.0	143233.6	-0653.9
3780	9.5	130948.8	-0618.5	3870	8.3	133427.4	-0613.6	3960	8.0	140857.4	-0647.7	4050	9.0	143304.1	-0652.1
3781	10.	131106.1	-0611.9	3871	9.7	133440.5	-0654.0	3961	9.5	140945.2	-0646.6	4051	9.5	143305.1	-0609.6
3782	10.	131134.0	-0645.2	3872	9.7	133510.0	-0657.7	3962	9.5	141014.2	-0642.8	4052	9.7	143325.1	-0653.1
3783	9.5	131145.3	-0643.8	3873	9.3	133522.6	-0634.3	3963	9.7	141019.1	-0658.4	4053	9.8	143338.2	-0649.6
3784	8.8	131152.3	-0617.7	3874	9.4	133528.3	-0635.0	3964	6.5	141019.6	-0651.3	4054	9.5	143359.1	-0639.0
3785	9.7	131224.9	-0658.7	3875	8.2	133600.0	-0641.6	3965	7.5	141103.5	-0620.6	4055	8.8	143417.8	-0614.0
3786	9.8	131230.4	-0623.3	3876	9.1	133607.0	-0638.7	3966	10.	141106.6	-0655.9	4056	9.6	143517.8	-0621.1
3787	9.6	131236.6	-0614.6	3877	9.8	133720.5	-0642.8	3967	10.	141122.9	-0632.8	4057	8.5	143517.8	-0611.0
3788	8.8	131300.8	-0643.3	3878	6.8	133721.4	-0654.2	3968	10.	141131.8	-0614.4	4058	9.6	143541.0	-0632.5
3789	9.5	131311.0	-0624.1	3879	9.7	133726.6	-0605.6	3969	9.8	141132.6	-0658.0	4059	9.8	143544.5	-0608.0
3790	9.6	131336.3	-0631.3	3880	9.5	133822.9	-0658.7	3970	9.0	141145.6	-0631.6	4060	8.2	143611.7	-0603.9
3791	9.4	131339.9	-0604.0	3881	9.5	133847.3	-0624.1	3971	10.	141200.6	-0623.7	4061	9.5	143639.8	-0604.9
3792	9.4	131344.4	-0604.5	3882	9.9	133933.5	-0642.2	3972	6.5	141216.1	-0604.2	4062	9.5	143700.0	-0652.3
3793	9.2	131346.3	-0656.5	3883	9.4	133947.9	-0619.2	3973	9.3	141218.5	-0611.1	4063	9.2	143701.3	-0634.9
3794	9.8	131408.9	-0604.0	3884	9.2	133955.4	-0656.1	3974	10.	141231.0	-0656.4	4064	9.5	143721.0	-0659.0
3795	8.8	131416.4	-0659.0	3885	9.9	134016.5	-0604.1	3975	10.	141246.1	-0629.7	4065	9.3	143725.2	-0652.0
3796	8.3	131448.2	-0646.8	3886	9.0	134036.6	-0631.0	3976	9.6	141256.9	-0627.3	4066	8.9	143731.1	-0616.7
3797	9.3	131505.4	-0646.5	3887	6.5	134042.9	-0606.8	3977	9.0	141300.8	-0646.9	4067	8.1	143737.0	-0634.4
3798	9.9	131521.5	-0641.8	3888	9.8	134104.0	-0647.1	3978	9.3	141308.6	-0656.7	4068	7.8	143741.7	-0607.1
3799	10.	131530.5	-0613.6	3889	8.8	134137.3	-0635.4	3979	9.5	141328.0	-0615.4	4069	10.	143757.5	-0641.5
3800	9.6	131540.7	-0647.7	3890	9.2	134205.9	-0658.3	3980	9.4	141331.5	-0618.2	4070	9.0	143803.4	-0627.8
3801	10.	131555.7	-0608.9	3891	9.5	134228.5	-0629.7	3981	9.0	141410.5	-0605.5	4071	7.8	143841.1	-0646.1
3802	9.5	131556.3	-0657.7	3892	7.5	134255.9	-0652.2	3982	9.5	141421.6	-0651.3	4072	9.5	143851.2	-0657.1
3803	10.	131604.9	-0618.0	3893	8.0	134301.5	-0626.8	3983	8.7	141450.6	-0656.7	4073	9.8	143932.7	-0652.9
3804	9.3	131605.4	-0650.3	3894	9.5	134329.8	-0624.1	3984	9.7	141501.2	-0654.0	4074	9.5	143950.3	-0630.2
3805	10.	131620.8	-0624.7	3895	9.4	134348.9	-0654.2	3985	10.	141513.7	-0658.0	4075	9.0	144003.3	-0641.0
3806	10.	131631.1	-0622.7	3896	9.0	134353.5	-0632.0	3986	9.8	141515.6	-0625.7	4076	9.7	144013.7	-0621.7
3807	8.0	131715.3	-0605.0	3897	7.7	134408.8	-0627.0	3987	9.7	141557.5	-0648.2	4077	7.8	144100.6	-0629.8
3808	9.0	131728.4	-0620.2	3898	9.8	134415.8	-0641.3	3988	10.	141559.4	-0634.0	4078	10.	144112.2	-0658.3
3809	9.5	131729.0	-0656.2	3899	10.	134426.8	-0651.3	3989	9.4	141618.2	-0632.7	4079	9.5	144114.2	-0600.3
3810	9.1	131730.1	-0624.0	3900	10.	134453.7	-0634.2	3990	8.8	141629.4	-0624.8	4080	9.8	144124.8	-0648.7
3811	8.2	131746.8	-0649.4	3901	9.2	134504.1	-0632.2	3991	8.8	141652.5	-0604.0	4081	9.8	144210.2	-0645.6
3812	10.	131756.7	-0601.6	3902	10.	134521.3	-0652.6	3992	9.5	141702.5	-0609.0	4082	8.9	144222.9	-0617.6
3813	9.4	131814.2	-0610.4	3903	10.	134824.3	-0658.5	3993	8.5	141707.7	-0630.8	4083	8.3	144223.2	-0633.7
3814	9.5	131821.3	-0602.4	3904	9.0	134834.7	-0635.6	3994	10.	141719.8	-0614.5	4084	8.9	144227.2	-0603.9
3815	9.2	131839.0	-0600.8	3905	9.4	134851.8	-0640.0	3995	9.3	141729.9	-0656.0	4085	10.	144228.7	-0647.6
3816	9.2	131844.5	-0620.5	3906	8.8	134855.8	-0630.9	3996	9.5	141751.4	-0657.3	4086	9.7	144236.8	-0626.9
3817	9.2	131938.9	-0627.7	3907	9.2	134908.8	-0635.4	3997	9.7	141753.4	-0656.4	4087	9.0	144258.2	-0640.0
3818	9.9	132002.9	-0605.8	3908	8.8	134923.4	-0644.3	3998	9.6	141823.2	-0648.7	4088	9.6	144331.9	-0619.9
3819	8.0	132009.6	-0603.6	3909	9.5	135043.2	-0626.5	3999	10.	141825.6	-0650.4	4089	9.8	144338.6	-0650.1
3820	9.1	132028.3	-0616.4	3910	8.3	135047.7	-0609.8	4000	8.5	141841.5	-0640.2	4090	9.5	144344.2	-0615.6
3821	9.0	132045.6	-0654.8	3911	6.5	135123.0	-0612.9	4001	9.5	141848.0	-0658.8	4091	9.0	144411.1	-0651.5
3822	9.3	132120.1	-0616.5	3912	9.0	135141.2	-0657.5	4002	9.5	141850.4	-0607.9	4092	9.8	144422.6	-0620.4
3823	9.8	132140.4	-0607.3	3913	9.1	135242.3	-0603.8	4003	9.5	141859.8	-0628.6	4093	8.5	144423.0	-0647.9
3824	9.5	132212.0	-0617.2	3914	9.5	135248.3	-0625.7	4004	9.1	141900.6	-0612.5	4094	9.6	144432.1	-0659.5
3825	9.1	132217.1	-0649.9	3915	9.8	135250.2	-0657.4	4005	10.	141905.5	-0640.2	4095	9.3	144503.0	-0619.9
3826	10.	132247.7	-0652.8	3916	8.8	135252.7	-0634.8	4006	9.8	141928.8	-0647.9	4096	9.6	144508.8	-0630.5
3827	8.7	132248.6	-0657.1	3917	8.0	135317.7	-0602.5	4007	9.4	141938.8	-0629.2	4097	8.7	144530.6	-0638.1
3828	10.	132323.0	-0611.4	3918	8.5	135329.1	-0624.8	4008	9.4	142049.9	-0615.2	4098	8.8	144531.6	-0636.8
3829	9.6	132340.0	-0604.7	3919	10.	135347.7	-0656.4	4009	5.7	142104.1	-0614.5	4099	9.7	144550.2	-0627.1
3830	9.7	132408.4	-0615.2	3920	10.	135505.7	-0653.0	4010	9.1	142115.5	-0637.7	4100	9.6	144604.1	-0657.5
3831	9.9	132411.6	-0653.4	3921	7.5	135541.0	-0626.3	4011	9.1	142153.4	-0632.5	4101	8.3	144651.2	-0648.1
3832	8.9	132421.7	-0650.7	3922	9.9	135543.2	-0658.9	4012	8.2	142229.1	-0625.5	4102	8.0	144731.7	-0641.9
3833	9.3	132442.2	-0629.5	3923	9.6	135551.7	-0600.3	4013	9.1	142249.5	-0652.0	4103	9.4	144736.6	-0620.6

4104	9.3	144755.6	-0602.4	4194	9.5	151621.1	-0656.5	4284	10.	154206.9	-0630.3	4374	9.8	160217.4	-0655.4
4105	9.5	144827.1	-0646.9	4195	9.5	151648.6	-0646.2	4285	9.6	154209.4	-0627.4	4375	9.2	160316.4	-0605.0
4106	9.5	144841.7	-0628.8	4196	9.3	151653.2	-0632.3	4286	9.5	154226.9	-0656.0	4376	10.	160319.9	-0638.6
4107	9.4	144903.6	-0649.3	4197	9.7	151725.4	-0627.6	4287	9.1	154228.3	-0605.8	4377	9.0	160415.0	-0623.1
4108	9.5	144907.6	-0620.7	4198	9.5	151746.0	-0625.7	4288	9.0	154303.0	-0649.0	4378	9.4	160419.3	-0630.1
4109	9.8	144928.9	-0620.0	4199	9.2	151805.5	-0644.2	4289	9.8	154322.0	-0629.2	4379	9.5	160439.8	-0638.0
4110	9.3	144951.2	-0643.9	4200	9.4	151810.1	-0627.8	4290	9.1	154420.4	-0651.8	4380	9.5	160440.0	-0610.2
4111	9.4	145003.5	-0609.4	4201	9.4	151811.1	-0617.8	4291	9.1	154436.8	-0611.3	4381	10.	160452.9	-0651.0
4112	9.8	145022.2	-0636.2	4202	9.5	151823.0	-0655.3	4292	9.5	154443.3	-0606.6	4382	9.4	160502.3	-0627.7
4113	9.8	145035.3	-0656.7	4203	9.6	151840.6	-0647.5	4293	9.3	154444.7	-0636.1	4383	9.4	160521.4	-0636.2
4114	9.0	145112.1	-0643.5	4204	9.0	151859.2	-0638.2	4294	9.8	154507.8	-0603.9	4384	9.5	160533.4	-0650.1
4115	9.1	145139.5	-0657.4	4205	9.8	151902.8	-0627.7	4295	9.8	154510.3	-0612.4	4385	10.	160546.8	-0631.8
4116	9.8	145223.4	-0643.2	4206	9.1	151916.7	-0652.9	4296	9.9	154533.7	-0610.8	4386	8.0	160607.4	-0631.5
4117	9.2	145230.0	-0656.0	4207	9.6	151918.5	-0626.6	4297	9.5	154535.3	-0616.0	4387	9.4	160614.3	-0644.5
4118	9.6	145251.6	-0635.0	4208	9.4	151947.9	-0650.3	4298	9.5	154536.5	-0646.6	4388	8.9	160703.3	-0607.1
4119	9.3	145338.1	-0651.1	4209	9.8	152015.4	-0630.1	4299	9.5	154536.9	-0623.5	4389	9.9	160716.8	-0645.5
4120	9.7	145428.8	-0636.5	4210	9.3	152021.6	-0648.6	4300	9.8	154542.4	-0620.1	4390	9.5	160723.3	-0647.1
4121	9.7	145449.2	-0652.8	4211	9.4	152022.9	-0659.2	4301	9.8	154551.8	-0653.7	4391	8.0	160724.2	-0659.2
4122	9.4	145516.4	-0628.4	4212	9.1	152034.5	-0609.7	4302	9.2	154552.9	-0642.9	4392	9.2	160817.7	-0613.5
4123	9.8	145547.1	-0658.4	4213	9.6	152048.2	-0600.1	4303	9.4	154612.3	-0635.7	4393	9.1	160841.8	-0636.8
4124	8.0	145554.6	-0659.8	4214	9.5	152109.5	-0614.6	4304	9.5	154618.4	-0640.6	4394	10.	160858.2	-0646.9
4125	7.7	145627.9	-0619.4	4215	8.8	152110.7	-0607.9	4305	9.8	154702.7	-0608.8	4395	9.1	160944.6	-0619.4
4126	9.8	145630.3	-0602.9	4216	8.4	152126.9	-0628.3	4306	9.2	154721.3	-0653.8	4396	9.0	161039.3	-0638.0
4127	9.5	145652.1	-0651.8	4217	9.5	152204.1	-0659.0	4307	9.2	154728.6	-0622.9	4397	9.6	161050.9	-0643.1
4128	9.5	145702.9	-0629.9	4218	9.7	152217.9	-0634.6	4308	9.8	154736.9	-0629.4	4398	9.4	161104.4	-0616.5
4129	9.4	145740.6	-0646.2	4219	7.3	152221.5	-0620.8	4309	9.4	154743.6	-0625.5	4399	8.0	161118.6	-0657.5
4130	7.3	145751.0	-0626.8	4220	9.8	152221.5	-0600.5	4310	9.3	154756.4	-0602.8	4400	6.9	161123.7	-0630.9
4131	9.3	145759.3	-0602.1	4221	8.5	152247.0	-0607.2	4311	9.8	154756.8	-0608.9	4401	9.5	161157.6	-0616.3
4132	9.0	145801.4	-0617.0	4222	9.0	152249.2	-0658.8	4312	9.0	154758.0	-0650.3	4402	9.5	161158.0	-0655.7
4133	9.5	145813.1	-0630.4	4223	9.5	152305.4	-0609.5	4313	9.1	154808.8	-0642.7	4403	10.	161158.3	-0644.7
4134	9.6	145834.2	-0641.3	4224	8.3	152407.6	-0630.3	4314	9.1	154823.3	-0614.9	4404	8.8	161213.9	-0635.6
4135	10.	145918.5	-0657.0	4225	9.5	152410.6	-0647.8	4315	10.	154914.9	-0652.1	4405	9.5	161220.3	-0641.0
4136	8.6	145923.3	-0602.7	4226	9.8	152412.5	-0622.5	4316	8.2	154916.7	-0633.1	4406	9.8	161237.0	-0626.5
4137	9.4	150004.4	-0610.5	4227	9.0	152419.6	-0646.7	4317	7.8	154923.4	-0624.0	4407	9.2	161252.3	-0637.6
4138	9.4	150037.6	-0647.8	4228	9.4	152457.2	-0624.9	4318	9.3	154949.9	-0649.7	4408	9.4	161309.8	-0607.5
4139	9.5	150101.0	-0646.0	4229	9.8	152503.1	-0644.0	4319	9.5	154951.4	-0624.1	4409	9.0	161315.4	-0615.0
4140	9.6	150108.0	-0615.1	4230	9.6	152528.5	-0632.6	4320	9.5	154951.7	-0646.6	4410	10.	161337.3	-0654.5
4141	8.4	150114.6	-0601.1	4231	9.5	152534.5	-0610.9	4321	9.6	155000.4	-0627.4	4411	9.6	161404.2	-0653.2
4142	9.5	150121.3	-0621.2	4232	9.0	152545.8	-0602.0	4322	9.6	155022.0	-0629.4	4412	8.9	161409.8	-0647.3
4143	9.1	150121.5	-0651.3	4233	9.6	152551.1	-0641.1	4323	9.0	155028.9	-0615.2	4413	10.	161421.8	-0658.8
4144	9.8	150124.2	-0614.9	4234	8.9	152555.0	-0642.5	4324	7.8	155050.8	-0616.9	4414	9.3	161432.9	-0602.1
4145	9.6	150130.2	-0612.5	4235	9.2	152621.9	-0602.0	4325	9.5	155057.3	-0611.2	4415	9.5	161439.0	-0627.0
4146	7.9	150214.6	-0609.7	4236	9.1	152625.6	-0639.2	4326	9.8	155100.4	-0639.2	4416	8.9	161442.5	-0630.8
4147	8.3	150258.2	-0659.5	4237	8.9	152644.2	-0603.8	4327	9.1	155140.2	-0649.4	4417	9.8	161448.2	-0613.0
4148	9.4	150258.9	-0634.5	4238	9.5	152644.6	-0648.3	4328	9.7	155142.9	-0656.7	4418	9.0	161504.7	-0615.4
4149	9.1	150300.7	-0634.0	4239	9.8	152654.9	-0632.7	4329	9.5	155148.8	-0653.0	4419	7.3	161512.3	-0651.8
4150	9.8	150350.7	-0618.9	4240	9.7	152705.3	-0639.4	4330	6.3	155154.9	-0653.0	4420	8.9	161548.8	-0645.6
4151	9.6	150414.5	-0652.6	4241	9.8	152800.6	-0655.0	4331	7.7	155205.9	-0636.0	4421	10.	161611.2	-0653.7
4152	9.5	150420.1	-0617.5	4242	9.6	152816.8	-0645.1	4332	8.2	155217.9	-0642.4	4422	9.7	161625.8	-0603.7
4153	9.5	150428.9	-0631.8	4243	9.2	152832.0	-0643.5	4333	8.7	155222.7	-0626.1	4423	9.5	161628.0	-0620.4
4154	8.7	150432.1	-0614.5	4244	9.5	152835.9	-0602.2	4334	10.	155308.1	-0630.8	4424	8.7	161629.4	-0604.3
4155	9.0	150442.1	-0606.6	4245	10.	152855.5	-0647.0	4335	10.	155311.4	-0657.6	4425	9.3	161636.5	-0622.7
4156	9.5	150531.0	-0644.6	4246	10.	152902.0	-0656.2	4336	10.	155326.3	-0657.0	4426	9.5	161734.3	-0651.8
4157	9.5	150538.6	-0603.7	4247	9.0	152909.2	-0604.1	4337	8.4	155331.0	-0653.6	4427	9.3	161738.8	-0651.0
4158	9.1	150543.0	-0641.5	4248	9.5	152917.9	-0607.6	4338	8.9	155340.1	-0628.8	4428	9.4	161741.7	-0645.3
4159	9.5	150647.5	-0649.8	4249	9.5	152936.8	-0630.8	4339	9.8	155350.0	-0658.1	4429	9.5	161805.3	-0636.4
4160	8.2	150659.0	-0655.8	4250	10.	153017.5	-0641.3	4340	10.	155402.2	-0644.0	4430	9.0	161818.8	-0636.9
4161	9.3	150720.9	-0627.7	4251	9.5	153050.4	-0609.7	4341	10.	155408.2	-0618.0	4431	9.8	161827.2	-0658.1
4162	8.9	150753.4	-0637.3	4252	9.5	153055.9	-0608.6	4342	8.7	155416.8	-0603.2	4432	9.7	161853.3	-0653.2
4163	9.5	150759.1	-0609.6	4253	9.3	153108.0	-0639.3	4343	9.0	155430.8	-0623.2	4433	9.5	161855.2	-0657.9
4164	8.0	150822.6	-0611.5	4254	9.4	153111.5	-0645.3	4344	9.6	155508.3	-0601.2	4434	10.	161923.0	-0614.1
4165	9.4	150833.9	-0622.5	4255	9.4	153113.9	-0624.2	4345	9.6	155515.3	-0610.8	4435	9.2	161944.2	-0646.1
4166	9.4	150839.6	-0633.8	4256	9.4	153157.9	-0656.4	4346	9.4	155518.4	-0603.2	4436	9.9	162011.5	-0625.7
4167	9.1	150849.0	-0641.5	4257	9.5	153240.8	-0649.4	4347	9.5	155523.0	-0618.2	4437	10.	162023.6	-0630.5
4168	9.6	150851.0	-0645.4	4258	8.8	153244.5	-0649.7	4348	9.8	155533.9	-0655.3	4438	10.	162033.2	-0647.2
4169	9.5	150929.9	-0640.2	4259	9.1	153315.5	-0650.5	4349	9.8	155548.0	-0627.3	4439	9.4	162104.3	-0617.1
4170	8.3	150949.0	-0657.9	4260	9.5	153340.3	-0618.2	4350	9.6	155554.8	-0614.0	4440	9.8	162119.5	-0655.0
4171	9.0	151046.9	-0653.0	4261	9.5	153449.4	-0640.9	4351	9.9	155558.4	-0604.1	4441	9.5	162157.0	-0603.5
4172	9.5	151049.0	-0658.8	4262	9.5	153449.5	-0632.3	4352	9.5	155620.9	-0653.2	4442	9.6	162218.7	-0620.1
4173	8.8	151117.5	-0640.7	4263	9.8	153457.9	-0617.6	4353	9.6	155626.8	-0650.5	4443	9.5	162236.4	-0631.0
4174	9.5	151147.6	-0619.0	4264	9.5	153519.0	-0659.3	4354	9.3	155628.7	-0604.1	4444	9.1	162242.9	-0607.2
4175	9.5	151221.6	-0612.2	4265	9.5	153550.4	-0617.9	4355	9.4	155702.9	-0614.7	4445	9.8	162316.7	-0651.6
4176	9.2	151246.5	-0609.7	4266	9.6	153602.0	-0657.5	4356	9.0	155708.4	-0626.1	4446	7.9	162401.0	-0642.1
4177	9.2	151254.9	-0652.4	4267	9.5	153607.4	-0616.6	4357	9.1	155709.5	-0651.9	4447	10.	162404.6	-0659.0
4178	9.3	151259.0	-0639.5	4268	9.0	153615.4	-0612.2	4358	9.2	155737.4	-0606.8	4448	10.	162405.6	-0650.1
4179	9.5	151321.4	-0643.5	4269	9.0	153726.5	-0644.2	4359	9.5	155747.5	-0604.9	4449	9.8	162406.4	-0630.7
4180	9.4	151323.0	-0625.5	4270	9.5	153730.9	-0603.3	4360	8.2	155758.9	-0641.0	4450	9.0	162439.1	-0652.2
4181	7.0	151326.1	-0605.2	4271	10.	153736.5	-0655.6	4361	9.6	155807.1	-0644.9	4451	9.1	162452.4	-0608.2
4182	9.3	151342.9	-0654.6	4272	9.7	153801.4	-0651.8	4362	9.1	155827.3	-0615.9	4452	9.7	162500.1	-0627.9
4183	7.0	151352.4	-0617.7	4273	9.5	153815.4	-0616.4	4363	9.6	155827.8	-0653.0	4453	9.3	162506.3	-0617.3
4184	9.6	151352.4	-0623.2	4274	10.	153819.0	-0655.9	4364	9.3	155949.4	-0606.7	4454	9.4	162507.5	-0658.1
4185	9.2	151357.5	-0603.1	4275	9.5	153836.1	-0628.4	4365	9.5	155952.2	-0625.4	4455	9.3	162525.9	-0626.6
4186	9.5	151401.8	-0647.0	4276	9.5	153841.0	-0633.4	4366	9.8	160017.4	-0647.8	4456	8.6	162526.7	-0638.3
4187	9.1	151405.8	-0639.7	4277	10.	153846.5	-0639.8	4367	9.6	160039.1	-0626.5	4457	9.6	162530.1	-0615.9
4188	9.5	151441.1	-0627.2	4278	9.6	153847.5	-0648.7	4368	9.1	160057.8	-0639.7	4458	9.5	162623.8	-0607.0
4189	9.0	151442.8	-0646.8	4279	9.2	153929.4	-0602.8	4369	9.5	160109.3	-0635.7	4459	8.2	162635.3	-0631.1
4190	9.5	151510.9	-0624.6	4280	9.3	153933.9	-0655.6	4370	8.3	160147.6	-0620.7	4460	9.8	162703.0	-0640.5
4191	9.5	151524.0	-0601.5	4281	9.3	154008.9	-0638.8	4371	10.	160148.5	-0639.5	4461	9.6	162710.7	-0628.8
4192	9.4	151539.1	-0615.8	4282	9.4	154119.1	-0637.0	4372	9.3	160158.3	-0609.8	4462	9.5	162735.9	-0635.0
4193	7.3	151543.5	-0604.9	4283	9.3	154154.1	-0632.6	4373	9.1	160204.8	-0633.5	4463	9.6	162804.8	-0627.7

4464	8.9	162810.0	-0653.6	4554	9.8	170038.0	-0604.8	4644	9.5	173705.2	-0648.7
4465	10.	162830.8	-0653.2	4555	8.9	170058.2	-0612.3	4645	9.5	173830.6	-0634.3
4466	9.5	162853.3	-0611.6	4556	9.7	170104.0	-0640.8	4646	9.3	173831.7	-0646.4
4467	6.2	163015.7	-0614.2	4557	9.4	170111.3	-0614.6	4647	8.5	173901.8	-0648.4
4468	9.1	163024.9	-0644.0	4558	9.4	170140.3	-0613.9	4648	8.0	173912.6	-0609.0
4469	7.5	163038.0	-0651.1	4559	8.9	170148.3	-0617.6	4649	9.2	173923.4	-0613.5
4470	9.2	163053.0	-0652.9	4560	9.2	170155.0	-0635.7	4650	9.1	173927.7	-0654.4
4471	9.5	163056.8	-0613.0	4561	9.4	170205.3	-0626.2	4651	8.7	173949.7	-0630.7
4472	9.7	163100.0	-0657.3	4562	9.3	170213.9	-0601.6	4652	9.8	174016.1	-0614.5
4473	9.5	163105.0	-0630.5	4563	9.3	170224.9	-0658.8	4653	9.0	174046.5	-0640.2
4474	9.5	163131.3	-0611.8	4564	9.4	170325.6	-0652.7	4654	9.6	174052.7	-0626.4
4475	9.2	163209.8	-0628.3	4565	8.5	170335.7	-0626.9	4655	9.6	174054.2	-0638.3
4476	9.8	163228.4	-0639.8	4566	9.4	170403.1	-0640.8	4656	9.8	174108.4	-0606.8
4477	9.6	163239.0	-0658.8	4567	9.5	170419.9	-0605.6	4657	9.7	174131.5	-0637.3
4478	9.8	163247.4	-0603.6	4568	9.5	170529.1	-0615.7	4658	9.8	174136.6	-0634.2
4479	9.8	163300.9	-0630.1	4569	9.4	170539.5	-0639.3	4659	9.7	174146.5	-0652.7
4480	9.6	163309.0	-0647.8	4570	9.1	170649.8	-0620.2	4660	9.0	174224.6	-0644.6
4481	9.7	163316.4	-0643.4	4571	8.2	170738.3	-0620.0	4661	9.5	174225.2	-0639.1
4482	9.0	163356.8	-0626.0	4572	9.8	170756.1	-0606.3	4662	9.6	174246.5	-0617.5
4483	9.4	163406.5	-0624.7	4573	9.2	170801.5	-0641.4	4663	9.3	174247.5	-0600.0
4484	9.4	163407.6	-0645.0	4574	9.5	170849.6	-0652.3	4664	8.8	174310.7	-0651.2
4485	8.5	163420.8	-0639.4	4575	5.8	170856.6	-0604.7	4665	9.8	174318.9	-0622.0
4486	9.2	163428.8	-0623.6	4576	9.2	170856.6	-0647.0	4666	9.1	174335.7	-0650.8
4487	9.0	163430.8	-0657.5	4577	8.0	170923.5	-0637.7	4667	8.2	174347.8	-0648.9
4488	9.4	163441.4	-0607.2	4578	9.5	171100.0	-0641.9	4668	9.7	174352.7	-0600.5
4489	9.2	163443.1	-0607.4	4579	8.9	171133.2	-0626.2	4669	8.3	174355.4	-0613.1
4490	9.1	163508.7	-0648.1	4580	8.5	171211.6	-0616.4	4670	9.7	174403.9	-0621.6
4491	9.0	163615.7	-0613.6	4581	8.5	171253.6	-0657.4	4671	9.1	174419.1	-0621.9
4492	9.5	163658.8	-0658.9	4582	9.0	171307.1	-0601.2	4672	6.0	174452.7	-0606.2
4493	9.0	163708.5	-0601.8	4583	9.0	171346.0	-0656.5	4673	9.8	174556.4	-0610.3
4494	9.5	163712.7	-0649.5	4584	10.	171351.6	-0629.3	4674	9.3	174628.3	-0647.9
4495	9.6	163812.2	-0616.4	4585	9.3	171415.5	-0640.0	4675	9.5	174700.4	-0605.9
4496	9.6	163832.1	-0656.9	4586	9.0	171445.0	-0648.2	4676	9.4	174737.8	-0640.2
4497	8.1	163922.8	-0642.4	4587	7.8	171455.9	-0610.9	4677	9.3	174745.2	-0657.2
4498	9.5	163925.7	-0619.3	4588	9.5	171510.4	-0614.2	4678	8.0	174820.2	-0638.9
4499	8.4	163940.9	-0604.3	4589	7.0	171514.1	-0657.7	4679	8.7	174840.7	-0631.6
4500	9.5	164004.2	-0659.5	4590	9.3	171645.5	-0650.0	4680	9.5	174856.9	-0624.9
4501	9.5	164034.6	-0641.4	4591	9.9	171723.6	-0634.1	4681	8.8	174910.2	-0639.2
4502	9.4	164054.0	-0634.0	4592	7.0	171811.8	-0626.6	4682	8.8	174918.0	-0639.8
4503	9.2	164057.6	-0613.1	4593	9.4	171813.0	-0602.6	4683	10.	175043.9	-0619.9
4504	9.3	164124.8	-0632.1	4594	9.6	171853.7	-0659.7	4684	10.	175057.1	-0618.5
4505	9.6	164151.9	-0611.9	4595	9.5	171942.6	-0657.9	4685	9.0	175057.1	-0613.4
4506	9.0	164246.6	-0638.0	4596	9.1	171956.4	-0607.0	4686	9.7	175104.2	-0610.3
4507	9.5	164334.4	-0629.6	4597	9.0	172006.5	-0603.6	4687	9.5	175109.6	-0644.6
4508	9.1	164418.0	-0621.6	4598	9.8	172104.2	-0612.1	4688	8.0	175114.7	-0637.5
4509	9.4	164426.1	-0635.1	4599	9.7	172105.4	-0607.6	4689	8.3	175129.2	-0650.2
4510	9.8	164429.9	-0601.6	4600	9.1	172110.4	-0628.5	4690	8.2	175135.9	-0606.1
4511	9.5	164556.2	-0656.5	4601	9.8	172128.9	-0627.2	4691	9.5	175201.3	-0645.2
4512	9.5	164603.5	-0628.0	4602	8.7	172209.0	-0647.8	4692	8.8	175207.5	-0657.9
4513	8.5	164631.3	-0627.9	4603	9.5	172215.6	-0653.6	4693	8.1	175235.4	-0636.0
4514	9.4	164701.2	-0611.5	4604	9.4	172234.2	-0608.1	4694	8.8	175315.8	-0605.5
4515	9.4	164718.3	-0629.6	4605	9.5	172302.9	-0618.3	4695	9.0	175317.4	-0606.1
4516	7.0	164720.7	-0624.8	4606	9.2	172329.5	-0654.3	4696	9.8	175327.8	-0610.8
4517	9.5	164727.9	-0623.9	4607	9.5	172330.3	-0611.8	4697	9.1	175450.4	-0619.1
4518	9.5	164729.0	-0630.5	4608	9.4	172402.8	-0621.9	4698	8.5	175510.1	-0654.2
4519	9.2	164742.8	-0605.2	4609	8.8	172449.3	-0609.2	4699	9.5	175545.6	-0658.4
4520	9.3	164752.4	-0647.0	4610	9.4	172536.2	-0613.1	4700	8.3	175614.4	-0623.6
4521	9.8	164800.1	-0638.7	4611	8.8	172603.9	-0618.3	4701	9.2	175624.7	-0655.4
4522	8.9	164810.9	-0658.8	4612	9.0	172630.5	-0652.7	4702	9.3	175637.9	-0603.1
4523	9.8	164819.4	-0650.0	4613	9.5	172636.4	-0616.9	4703	9.8	175646.8	-0621.4
4524	9.7	164836.0	-0631.8	4614	9.1	172717.5	-0653.1	4704	9.8	175700.2	-0637.3
4525	9.7	164837.5	-0626.5	4615	9.0	172720.3	-0620.4	4705	9.5	175711.2	-0654.5
4526	9.8	165005.5	-0630.6	4616	10.	172752.9	-0636.0	4706	8.3	175711.6	-0621.2
4527	9.8	165026.2	-0654.8	4617	9.5	172753.4	-0617.5	4707	9.4	175720.4	-0602.0
4528	9.4	165032.6	-0647.0	4618	6.8	172755.3	-0601.5	4708	8.9	175832.7	-0643.7
4529	9.4	165104.7	-0630.0	4619	8.5	172804.3	-0606.2	4709	9.0	175847.1	-0643.1
4530	9.8	165109.6	-0633.1	4620	8.0	172808.4	-0601.7	4710	9.5	175903.1	-0614.3
4531	9.3	165123.0	-0620.3	4621	9.5	172855.8	-0616.0	4711	9.4	175911.0	-0629.0
4532	9.4	165128.3	-0631.9	4622	9.5	172934.6	-0626.2	4712	9.3	175913.6	-0632.1
4533	9.4	165128.8	-0636.0	4623	9.2	172947.5	-0642.3	4713	9.5	175932.1	-0639.0
4534	9.5	165203.7	-0653.6	4624	8.5	173200.9	-0623.6	4714	9.5	175939.3	-0606.5
4535	9.8	165245.3	-0638.5	4625	9.1	173214.5	-0651.8	4715	9.4	175942.3	-0600.5
4536	9.9	165248.4	-0643.4	4626	9.3	173229.3	-0606.4	4716	9.5	180020.4	-0648.2
4537	8.3	165300.0	-0620.8	4627	9.8	173242.8	-0628.0	4717	8.4	180049.4	-0640.6
4538	7.3	165325.6	-0648.7	4628	9.8	173244.4	-0615.0	4718	9.2	180116.5	-0628.4
4539	7.2	165347.5	-0630.9	4629	8.8	173320.4	-0622.2	4719	9.5	180131.3	-0608.4
4540	9.5	165449.7	-0654.5	4630	9.2	173359.0	-0655.0	4720	9.3	180257.6	-0651.4
4541	9.1	165458.6	-0618.4	4631	9.5	173410.0	-0652.7	4721	9.7	180304.1	-0610.9
4542	7.2	165511.2	-0608.3	4632	9.3	173452.3	-0622.9	4722	8.7	180350.4	-0603.5
4543	9.5	165533.2	-0658.1	4633	9.6	173513.9	-0639.4	4723	9.2	180410.1	-0617.3
4544	9.5	165559.0	-0617.3	4634	9.1	173520.4	-0616.5	4724	9.5	180410.9	-0603.1
4545	9.4	165656.1	-0642.1	4635	9.4	173542.5	-0638.8	4725	8.3	180443.8	-0605.2
4546	8.8	165733.2	-0654.2	4636	9.5	173543.8	-0604.4	4726	9.1	180525.5	-0648.6
4547	9.4	165751.0	-0642.0	4637	9.5	173549.3	-0621.2	4727	9.4	180615.8	-0612.5
4548	9.3	165757.3	-0627.0	4638	8.8	173609.9	-0611.6	4728	9.5	180655.2	-0633.0
4549	9.5	165848.5	-0631.5	4639	9.5	173620.1	-0627.8	4729	8.7	180716.1	-0649.4
4550	9.5	165921.0	-0601.8	4640	9.4	173625.3	-0626.3	4730	9.3	180724.9	-0651.3
4551	9.8	165933.5	-0636.5	4641	9.1	173628.1	-0627.5	4731	9.0	180743.8	-0600.5
4552	9.2	165950.9	-0614.1	4642	9.7	173638.3	-0620.4	4732	9.1	180819.6	-0650.2
4553	9.3	170036.3	-0621.9	4643	9.0	173642.7	-0633.8	4733	9.4	180843.9	-0608.3
4644	9.5	173705.2	-0648.7	4734	10.	180935.7	-0612.8				
4645	9.5	173830.6	-0634.3	4735	9.1	180953.2	-0614.0				
4646	9.3	173831.7	-0646.4	4736	9.3	181022.1	-0616.0				
4647	8.5	173901.8	-0648.4	4737	8.5	181046.9	-0609.6				
4648	8.0	173912.6	-0609.0	4738	8.9	181053.5	-0645.2				
4649	9.2	173923.4	-0613.5	4739	9.1	181054.6	-0647.3				
4650	9.1	173927.7	-0654.4	4740	9.0	181146.7	-0624.4				
4651	8.7	173949.7	-0630.7	4741	9.1	181155.1	-0617.3				
4652	9.8	174016.1	-0614.5	4742	9.3	181231.7	-0632.2				
4653	9.0	174046.5	-0640.2	4743	9.3	181246.5	-0641.3				
4654	9.6	174052.7	-0626.4	4744	9.1	181300.6	-0651.5				
4655	9.6	174054.2	-0638.3	4745	9.1	181421.8	-0605.5				
4656	9.8	174108.4	-0606.8	4746	9.1	181429.9	-0624.3				
4657	9.7	174131.5	-0637.3	4747	9.5	181505.5	-0646.6				
4658	9.8	174136.6	-0634.2	4748	9.5	181531.9	-0627.3				
4659	9.7	174146.5	-0652.7	4749	9.5	181533.2	-0628.7				
4660	9.0	174224.6	-0644.6	4750	9.8	181543.9	-0608.0				
4661	9.5	174225.2	-0639.1	4751	7.8	181547.8	-0619.1				
4662	9.6	174246.5	-0617.5	4752	9.0	181632.0	-0654.6				
4663	9.3	174247.5	-0600.0	4753	8.8	181635.9	-0611.3				
4664	8.8	174310.7	-0651.2	4754	9.1	181642.9	-0602.0				
4665	9.8	174318.9	-0622.0	4755	7.0	181656.0	-0640.3				
4666	9.1	174335.7	-0650.8	4756	9.2	181701.9	-0625.8				
4667	8.2	174347.8	-0648.9	4757	9.7	181737.9	-0630.1				
4668	9.7	174352.7	-0600.5	4758	8.8	181742.9	-0633.1				
4669	8.3	174355.4	-0613.1	4759	9.6	181750.3	-0624.3				
4670	9.7	174403.9	-0621.6	4760	9.3	181824.0	-0652.0				
4671	9.1	174419.1	-0621.9	4761	8.9	181825.0	-0642.4				
4672	6.0	174452.7	-0606.2	4762	8.2	181903.0	-0630.2				
4673	9.8	174556.4	-0610.3	4763	8.2	181909.8	-0618.8				
4674	9.3	174628.3	-0647.9	4764	8.7	181909.9	-0635.1				
4675	9.5	174700.4	-0605.9	4765	9.0	181936.4	-0621.5				
4676	9.4	174737.8	-0640.2	4766	9.5	181940.5	-0639.8				
4677	9.3	174745.2	-0657.2	4767	8.9	182011.4	-0610.7				
4678	8.0	174820.2	-0638.9	4768	9.2	182015.8	-0602.2				
4679	8.7	174840.7	-0631.6	4769	8.3	182019.9	-0614.3				
4680	9.5	174856.9	-0624.9	4770	9.5	182043.5	-0644.9				
4681	8.8	174910.2	-0639.2	4771	9.8	182055.4	-0604.3				
4682	8.8	174918.0	-0639.8	4772	9.5	182127.7	-0619.5				
4683	10.	175043.9	-0619.9	4773	9.5	182158.3	-0617.3				
4684	10.	175057.1	-0618.5	4774	9.5	182203.4	-0628.5				
4685	9.0	175057.1	-0613.4	4775	9.7	182231.5	-0635.1				
4686	9.7	175104.2	-0610.3	4776	9.8	182249.9	-0611.6				
4687	9.5	175109.6	-0644.6	4777	9.5	182301.1	-0616.5				
4688	8.0	175114.7	-0637.5	4778	9.5	182315.3	-0648.9				
4689	8.3	175129.2	-0650.2	4779	8.3	182401.0	-0642.2				
4690	8.2	175135.9	-0606.1	4780	9.4	182401.3	-0647.8				
4691	9.5	175201.3	-0645.2	4781	9.8	182407.7	-0632.0				
4692	8.8	175207.5	-0657.9	4782	9.8	182412.1	-0630.2				
4693	8.1	175235.4	-0636.0	4783	8.0	182412.4	-0612.6				
4694	8.8	175315.8	-0605.5	4784	9.2	182418.7	-0631.1				
4695	9.0	175317.4	-0606.1	4785	9.7	182429.4	-0634.1				
4696	9.8	175327.8	-0610.8	4786	9.4	182437.0	-0644.5				
4697	9.1	175450.4	-0619.1	4787	9.4	182448.2	-0620.0				
4698	8.5	175510.1	-0654.2	4788	9.5	182515.3	-0642.5				
4699	9.5	175545.6	-0658.4	4789	8.6	182533.7	-0608.8				
4700	8.3	175614.4	-0623.6	4790	9.5	182537.2	-0609.5				
4701	9.2	175624.7	-0655.4	4791	6.5	182537.5	-0600.2				
4702	9.3	175637.9	-0603.1	4792	9.9	182548.0	-0626.5				
4703	9.8	175646.8	-0621.4	4793	9.8	182557.7	-0602.6				
4704	9.8	175700.2	-0637.3	4794	9.5	182609.6	-0644.6				
4705	9.5	175711.2	-0654.5	4795	9.3	182614.6	-0624.8				
4706	8.3	175711.6	-0621.2	4796	9.3	182624.7	-0642.2				
4707	9.4	175720.4	-0602.0	4797	9.6	182635.2	-0635.7				
4708	8.9	175832.7	-0643.7	4798	9.5	182711.3	-0637.5				
4709	9.0	175847.1	-0643.1	4799	9.5	182729.2	-0638.1				
4710	9.5	175903.1	-0614.3	4800	9.1	182733.8	-0652.6				
4711	9.4	175911.0	-0629.0	4801	9.2	182734.6	-0627.9				
4712	9.3	175913.6	-0632.1	4802	9.8	182750.7	-0627.7				
4713	9.5	175932.1	-0639.0	4803	9.8	182808.7	-0625.2				
4714	9.5	175939.3	-0606.5	4804	10.	182819.3	-0643.5				
4715	9.4	175942.3	-0600.5	4805	7.0	182819.3	-0651.1				
4716	9.5	180020.4	-0648.2	4806	9.8	182820.5	-0619.9				
4717	8.4	180049.4	-0640.6	4807	9.8	182831.7	-0627.9				
4718	9.2	180116.5	-0628.4	4808	9.8	182847.7	-0601.6				
4719	9.5	180131.3	-0608.4	4809	8.3	182855.2	-0632.0				
4720	9.3	180257.6	-0651.4	4810	9.3	182923.8	-0640.5				
4721	9.7	180304.1	-0610.9	4811	9.0	182926.7	-0643.4				
4722	8.7	180350.4	-0603.5	4812	8.8	182936.0	-0612.8				
4723	9.2	180410.1	-0617.3	4813	9.8	182936.2	-0623.1				
4724	9.5	180410.9	-0603.1	4814	9.5	182943.5	-0617.6				
4725	8.3	180443.8	-0605.2	4815	9.7	182958.7	-0629.6				
4726	9.1	180525.5	-0648.6	4816	8.2	183002.3	-0655.0				
4727	9.4	180615.8	-0612.5	4817	8.6	183011.2	-0654.2				
4728	9.5	180655.2	-0633.0	4818	9.8	183015.8	-0634.1				
4729	8.7	180716.1	-0649.4	4819	10.	183019.3	-0643.5				
4730	9.3	180724.9	-0651.3	4820	9.0	183026.2	-0619.8				
4731	9.0	180743.8	-0600.5	4821	9.4	183028.7	-0610.0				
4732	9.1	180819.6	-0650.2	4822	9.1	183049.7	-0604.4				
4733	9.4	180843.9	-0608.3	4823	8.5	183051.0	-0606.8				

-06 4824 18h31m

-06 5183 19h26m

4824	9.8	183102.4	-0633.6	4914	9.9	184100.2	-0643.6	5004	8.5	185316.5	-0647.6	5094	9.5	191101.0	-0607.7
4825	9.3	183113.7	-0624.0	4915	9.4	184102.6	-0637.0	5005	7.3	185340.9	-0623.4	5095	10.	191102.8	-0613.5
4826	9.5	183139.3	-0639.6	4916	8.7	184105.4	-0630.4	5006	9.1	185355.9	-0652.1	5096	7.8	191103.1	-0601.6
4827	9.8	183221.7	-0644.8	4917	9.1	184120.3	-0658.9	5007	7.7	185402.2	-0635.0	5097	9.1	191110.0	-0617.9
4828	10.	183307.5	-0613.7	4918	9.5	184133.8	-0648.0	5008	9.4	185405.9	-0649.3	5098	9.4	191111.3	-0629.0
4829	10.	183309.7	-0654.8	4919	9.2	184138.7	-0619.4	5009	7.3	185408.4	-0623.7	5099	9.2	191154.0	-0627.1
4830	9.7	183313.6	-0614.5	4920	9.1	184145.8	-0648.4	5010	9.6	185413.7	-0612.0	5100	9.8	191201.1	-0657.7
4831	10.	183317.6	-0653.4	4921	9.2	184155.3	-0650.7	5011	9.4	185419.5	-0600.7	5101	9.6	191204.5	-0657.9
4832	9.5	183320.6	-0619.4	4922	6.8	184155.3	-0604.1	5012	9.0	185424.1	-0654.8	5102	9.3	191215.0	-0650.7
4833	10.	183320.9	-0647.6	4923	8.5	184156.5	-0606.0	5013	8.5	185429.4	-0637.6	5103	7.0	191216.0	-0653.4
4834	9.9	183322.0	-0654.2	4924	9.1	184216.3	-0639.5	5014	9.6	185429.9	-0607.6	5104	9.8	191220.5	-0655.4
4835	9.3	183344.8	-0642.6	4925	9.0	184217.3	-0634.6	5015	9.3	185441.8	-0634.1	5105	9.5	191243.1	-0639.6
4836	9.3	183347.0	-0611.1	4926	9.0	184220.2	-0608.2	5016	8.9	185447.0	-0632.4	5106	9.1	191246.6	-0649.2
4837	9.4	183359.8	-0644.2	4927	9.6	184232.3	-0659.4	5017	9.1	185454.4	-0640.3	5107	8.6	191246.8	-0619.1
4838	9.8	183403.3	-0600.7	4928	9.4	184254.4	-0657.1	5018	9.4	185509.9	-0656.0	5108	9.9	191247.0	-0618.5
4839	9.7	183418.8	-0611.0	4929	8.8	184321.2	-0626.7	5019	9.8	185524.9	-0622.2	5109	9.0	191300.6	-0609.5
4840	9.3	183425.2	-0603.6	4930	9.5	184322.6	-0642.9	5020	8.2	185532.6	-0602.3	5110	9.8	191308.0	-0635.3
4841	9.6	183429.1	-0612.3	4931	9.3	184329.3	-0651.8	5021	9.6	185534.0	-0659.3	5111	9.5	191322.9	-0634.4
4842	9.6	183432.7	-0645.0	4932	9.2	184329.6	-0631.4	5022	9.5	185540.7	-0652.8	5112	9.4	191330.8	-0640.8
4843	9.0	183434.7	-0656.7	4933	9.2	184330.6	-0630.4	5023	9.5	185541.9	-0627.4	5113	9.9	191333.6	-0619.9
4844	9.5	183441.3	-0608.5	4934	9.6	184340.6	-0611.9	5024	9.8	185555.8	-0602.3	5114	9.8	191409.3	-0617.6
4845	10.	183445.8	-0644.4	4935	9.6	184346.3	-0607.7	5025	9.0	185615.5	-0616.4	5115	9.6	191409.5	-0652.5
4846	9.5	183447.3	-0658.1	4936	9.5	184351.8	-0627.6	5026	9.8	185617.2	-0644.2	5116	9.8	191424.6	-0657.2
4847	9.5	183447.3	-0637.5	4937	9.5	184400.8	-0653.5	5027	9.5	185618.0	-0607.4	5117	8.0	191426.0	-0618.8
4848	9.5	183450.4	-0624.6	4938	9.2	184412.9	-0604.8	5028	9.6	185618.4	-0640.2	5118	9.5	191433.3	-0621.2
4849	9.5	183504.3	-0637.1	4939	9.2	184424.3	-0658.4	5029	9.4	185655.5	-0659.5	5119	9.5	191437.0	-0624.2
4850	9.5	183517.2	-0629.5	4940	9.3	184438.3	-0633.7	5030	9.2	185700.8	-0613.0	5120	9.5	191437.5	-0634.7
4851	9.2	183518.8	-0659.0	4941	7.5	184500.4	-0600.5	5031	9.9	185705.8	-0641.5	5121	9.8	191450.6	-0639.5
4852	8.7	183521.9	-0658.3	4942	9.0	184511.1	-0626.8	5032	9.3	185723.2	-0637.5	5122	9.5	191511.7	-0606.5
4853	9.2	183530.1	-0609.6	4943	8.8	184515.4	-0618.3	5033	8.8	185733.0	-0623.0	5123	9.1	191516.6	-0659.5
4854	9.5	183539.3	-0638.2	4944	9.0	184529.5	-0626.4	5034	9.0	185836.2	-0617.3	5124	9.5	191518.5	-0621.0
4855	9.3	183548.8	-0636.2	4945	9.1	184534.2	-0637.7	5035	9.5	185838.5	-0635.5	5125	9.3	191530.1	-0651.5
4856	9.5	183552.7	-0623.7	4946	8.8	184535.3	-0644.0	5036	10.	185908.3	-0659.8	5126	9.4	191539.6	-0650.6
4857	9.3	183602.1	-0644.3	4947	9.8	184615.4	-0642.2	5037	9.7	185911.7	-0657.6	5127	9.5	191556.1	-0610.5
4858	9.2	183603.0	-0616.8	4948	9.8	184617.1	-0615.0	5038	9.1	185921.1	-0600.8	5128	9.5	191557.1	-0638.5
4859	6.0	183603.1	-0657.1	4949	8.9	184620.3	-0617.4	5039	9.3	185922.9	-0606.4	5129	9.4	191557.6	-0635.2
4860	9.2	183608.5	-0612.0	4950	9.8	184631.5	-0630.0	5040	8.5	185948.2	-0656.0	5130	9.8	191558.0	-0623.2
4861	9.9	183622.3	-0644.9	4951	10.	184635.8	-0611.1	5041	9.8	190001.5	-0639.8	5131	9.4	191602.1	-0635.2
4862	9.8	183626.7	-0614.5	4952	8.9	184636.8	-0639.2	5042	9.5	190019.0	-0609.6	5132	9.5	191636.1	-0643.6
4863	9.8	183630.7	-0603.1	4953	8.0	184641.5	-0608.2	5043	9.8	190040.5	-0642.5	5133	9.5	191651.5	-0603.9
4864	9.7	183631.6	-0632.9	4954	9.5	184644.8	-0631.2	5044	9.3	190111.9	-0616.0	5134	9.7	191654.5	-0608.2
4865	9.6	183637.9	-0621.6	4955	9.8	184651.9	-0650.9	5045	9.1	190115.2	-0628.7	5135	9.6	191710.4	-0613.7
4866	9.6	183643.2	-0658.5	4956	9.3	184656.7	-0615.4	5046	8.5	190129.2	-0617.0	5136	9.8	191742.9	-0654.5
4867	9.6	183644.1	-0649.4	4957	9.8	184657.8	-0643.7	5047	9.5	190208.4	-0612.8	5137	10.	191710.6	-0628.0
4868	9.5	183647.2	-0646.3	4958	10.	184720.6	-0659.8	5048	9.5	190209.8	-0611.5	5138	9.5	191713.6	-0645.1
4869	7.0	183652.9	-0640.2	4959	9.2	184731.8	-0619.9	5049	8.8	190228.6	-0603.2	5139	9.8	191727.4	-0659.8
4870	9.4	183655.7	-0625.4	4960	9.5	184739.3	-0632.9	5050	9.8	190234.0	-0632.5	5140	9.1	191734.2	-0653.9
4871	8.8	183656.6	-0646.9	4961	9.5	184741.3	-0602.9	5051	9.3	190251.0	-0624.8	5141	9.4	191751.6	-0630.0
4872	9.0	183703.1	-0628.7	4962	9.8	184744.3	-0629.9	5052	9.0	190258.2	-0626.1	5142	9.0	191758.6	-0645.2
4873	9.3	183711.7	-0619.8	4963	9.8	184750.5	-0619.4	5053	9.6	190309.8	-0646.9	5143	9.5	191758.6	-0654.8
4874	10.	183725.2	-0632.5	4964	8.5	184758.6	-0649.5	5054	6.8	190310.0	-0650.7	5144	10.	191810.1	-0631.4
4875	9.6	183728.8	-0627.7	4965	9.4	184756.2	-0608.9	5055	8.8	190319.1	-0636.3	5145	9.7	191839.1	-0627.2
4876	9.7	183737.6	-0639.9	4966	9.2	184810.8	-0631.7	5056	9.3	190319.4	-0659.9	5146	9.5	191846.8	-0630.7
4877	9.5	183737.9	-0646.0	4967	9.4	184823.0	-0630.2	5057	9.5	190334.5	-0659.1	5147	8.7	191851.9	-0654.6
4878	9.2	183745.4	-0604.3	4968	9.5	184835.4	-0643.9	5058	9.5	190337.0	-0646.2	5148	9.7	191903.4	-0659.9
4879	8.8	183748.4	-0612.8	4969	9.1	184837.6	-0614.3	5059	9.0	190344.0	-0617.2	5149	9.3	191928.3	-0644.4
4880	10.	183749.7	-0640.2	4970	9.6	184839.3	-0602.5	5060	8.9	190404.1	-0639.4	5150	9.5	191932.4	-0601.5
4881	9.5	183754.1	-0625.2	4971	9.0	184844.1	-0607.7	5061	9.5	190410.2	-0621.3	5151	7.7	191937.0	-0601.2
4882	8.9	183757.0	-0636.0	4972	9.3	184846.2	-0603.5	5062	9.3	190425.0	-0626.0	5152	9.7	191959.1	-0634.5
4883	9.6	183808.6	-0659.0	4973	9.4	184849.0	-0643.7	5063	8.4	190453.3	-0641.8	5153	9.8	192020.9	-0657.5
4884	9.8	183812.7	-0616.4	4974	9.7	184905.8	-0644.8	5064	9.5	190453.5	-0614.8	5154	9.1	192037.0	-0626.2
4885	8.2	183816.0	-0623.9	4975	10.	184907.0	-0646.1	5065	9.1	190512.9	-0601.0	5155	9.5	192057.9	-0631.9
4886	8.7	183816.9	-0627.5	4976	5.0	184918.0	-0601.8	5066	9.5	190521.1	-0632.7	5156	9.5	192101.3	-0613.1
4887	9.2	183820.2	-0607.1	4977	9.8	184924.0	-0607.5	5067	9.1	190521.1	-0642.9	5157	9.5	192111.8	-0625.4
4888	9.0	183825.2	-0617.0	4978	9.8	184925.1	-0621.3	5068	9.3	190545.5	-0619.5	5158	8.3	192112.9	-0627.8
4889	9.5	183828.2	-0610.2	4979	9.5	184926.4	-0629.9	5069	9.8	190547.8	-0604.4	5159	9.2	192123.8	-0619.2
4890	9.8	183841.8	-0628.1	4980	9.5	184932.3	-0640.7	5070	9.6	190559.0	-0659.4	5160	9.4	192129.5	-0635.7
4891	9.5	183847.2	-0612.9	4981	9.8	184946.5	-0629.0	5071	9.3	190604.5	-0636.0	5161	9.5	192136.1	-0646.4
4892	9.7	183849.3	-0625.0	4982	10.	184950.4	-0639.2	5072	8.8	190608.1	-0608.3	5162	9.5	192136.9	-0620.3
4893	7.8	183857.8	-0650.4	4983	9.3	184952.1	-0650.4	5073	9.6	190615.3	-0629.0	5163	9.5	192152.8	-0632.0
4894	9.3	183906.8	-0611.7	4984	9.4	185011.8	-0626.2	5074	9.8	190633.0	-0634.9	5164	9.1	192207.9	-0619.2
4895	9.3	183913.9	-0630.3	4985	9.0	185020.5	-0626.0	5075	9.4	190634.1	-0609.1	5165	9.0	192231.4	-0651.4
4896	9.4	183914.9	-0622.9	4986	9.0	185032.8	-0611.4	5076	9.2	190643.6	-0656.2	5166	9.0	192232.8	-0649.6
4897	7.0	183923.9	-0602.8	4987	9.5	185059.6	-0659.7	5077	6.5	190736.5	-0617.3	5167	9.8	192237.4	-0608.8
4898	9.8	183932.7	-0617.6	4988	9.7	185107.0	-0650.6	5078	9.3	190750.0	-0632.7	5168	9.9	192257.1	-0623.4
4899	9.8	183933.7	-0613.8	4989	9.0	185113.0	-0657.8	5079	9.4	190758.5	-0644.6	5169	9.5	192258.0	-0633.9
4900	10.	183939.8	-0645.0	4990	9.3	185120.2	-0651.5	5080	9.1	190801.3	-0632.5	5170	7.0	192307.4	-0648.5
4901	10.	183940.6	-0649.6	4991	9.8	185128.9	-0634.0	5081	9.8	190827.5	-0602.0	5171	9.4	192324.6	-0627.1
4902	9.9	183942.4	-0654.1	4992	10.	185141.8	-0642.5	5082	9.3	190854.5	-0633.5	5172	9.0	192359.3	-0642.3
4903	9.3	183947.6	-0627.6	4993	9.1	185151.6	-0616.2	5083	9.8	190911.0	-0644.8	5173	9.5	192401.8	-0656.6
4904	9.7	183949.4	-0649.2	4994	9.8	185210.9	-0602.1	5084	9.8	190917.0	-0647.1	5174	9.5	192406.9	-0640.1
4905	9.1	183954.1	-0647.3	4995	9.5	185216.0	-0647.8	5085	9.5	190937.5	-0659.5	5175	9.5	192426.2	-0626.7
4906	9.3	183956.7	-0623.5	4996	9.8	185216.5	-0658.3	5086	9.0	190957.0	-0613.6	5176	9.5	192442.7	-0634.4
4907	9.7	183957.1	-0643.7	4997	9.8	185217.4	-0615.0	5087	9.5	191000.6	-0611.1	5177	9.0	192459.9	-0607.8
4908	9.8	184027.2	-0601.8	4998	9.4	185218.5	-0658.3	5088	9.7	191014.0	-0633.5	5178	9.5	192522.4	-0626.8
4909	9.8	184033.9	-0613.3	4999	9.3	185245.1	-0634.4	5089	9.7	191015.0	-0644.3	5179	9.0	192539.3	-0656.1
4910	8.8	184046.6	-0637.0	5000	10.	185252.7	-0634.5	5090	9.5	191041.5	-0624.2	5180	9.2	192543.7	-0620.2
4911	9.8	184050.2	-0621.6	5001	9.6	185254.5	-0629.7	5091	9.0	191042.6	-0639.7	5181	9.7	192546.9	-0628.8
4912	9.2	184053.0	-0609.4	5002	9.1	185301.1	-0614.7	5092	7.8	191046.2	-0657.0	5182	10.	192615.8	-0634.0
4913	7.2	184054.2	-0609.6	5003	9.4	185315.1	-0610.9	5093	9.4	191046.2	-0655.9	5183	9.4	192632.0	-0612.3

5184	9.4	192635.9	-0648.5	5274	9.4	194254.2	-0601.8	5364	9.4	195755.4	-0618.4	5454	9.3	201256.5	-0610.5
5185	9.9	192657.9	-0644.9	5275	9.0	194256.8	-0609.3	5365	9.5	195757.7	-0629.6	5455	7.3	201324.7	-0648.4
5186	9.3	192702.9	-0652.0	5276	9.3	194259.7	-0630.9	5366	9.0	195758.0	-0619.0	5456	9.5	201328.0	-0613.6
5187	9.3	192704.9	-0646.0	5277	9.6	194336.3	-0634.8	5367	9.3	195815.2	-0647.1	5457	9.2	201344.8	-0602.5
5188	9.3	192707.0	-0632.6	5278	9.6	194337.2	-0656.6	5368	9.5	195823.4	-0631.5	5458	8.7	201415.7	-0608.2
5189	9.4	192709.3	-0658.1	5279	9.8	194352.3	-0639.8	5369	9.5	195827.6	-0603.1	5459	10.	201417.0	-0607.6
5190	9.5	192723.0	-0605.2	5280	9.5	194353.4	-0626.0	5370	9.4	195851.7	-0637.1	5460	9.4	201430.6	-0623.1
5191	10.	192728.3	-0659.8	5281	9.9	194358.7	-0659.5	5371	9.5	195859.4	-0629.5	5461	9.8	201457.2	-0619.0
5192	9.1	192739.2	-0610.4	5282	9.4	194407.6	-0628.0	5372	9.5	195914.6	-0655.3	5462	8.2	201518.5	-0608.1
5193	9.2	192748.1	-0600.5	5283	9.5	194419.3	-0606.9	5373	9.5	195928.7	-0634.7	5463	9.1	201528.6	-0624.6
5194	9.1	192754.5	-0603.6	5284	8.8	194419.6	-0642.9	5374	9.0	195929.9	-0645.5	5464	9.4	201531.5	-0633.0
5195	9.0	192755.1	-0628.2	5285	9.1	194444.2	-0651.8	5375	9.6	195935.3	-0620.1	5465	9.2	201612.8	-0634.3
5196	9.3	192808.2	-0615.3	5286	8.8	194501.2	-0616.4	5376	9.0	195945.1	-0644.3	5466	9.5	201623.3	-0612.3
5197	9.8	192826.5	-0630.1	5287	9.5	194503.5	-0650.5	5377	9.5	195945.2	-0610.6	5467	9.5	201657.9	-0611.5
5198	9.6	192827.7	-0626.6	5288	9.5	194506.2	-0615.1	5378	9.5	195945.9	-0604.2	5468	9.8	201701.0	-0652.9
5199	9.5	192831.2	-0636.1	5289	9.0	194508.0	-0658.7	5379	9.5	195957.7	-0634.9	5469	9.6	201706.3	-0657.5
5200	9.3	192833.5	-0620.4	5290	8.8	194510.1	-0636.9	5380	9.3	200030.0	-0610.6	5470	9.1	201711.7	-0614.4
5201	8.0	192841.7	-0617.1	5291	9.4	194513.4	-0655.8	5381	9.4	200054.1	-0656.9	5471	9.0	201723.6	-0656.8
5202	9.8	192849.2	-0639.8	5292	9.8	194515.7	-0615.3	5382	9.8	200111.8	-0602.8	5472	9.6	201726.8	-0606.9
5203	9.5	192852.1	-0653.5	5293	9.8	194517.7	-0604.2	5383	9.5	200114.5	-0628.4	5473	9.8	201747.7	-0650.9
5204	9.5	192911.4	-0651.7	5294	8.3	194537.6	-0622.4	5384	9.3	200131.6	-0658.9	5474	9.6	201752.9	-0630.4
5205	9.8	192921.0	-0639.9	5295	9.0	194540.1	-0622.6	5385	9.5	200147.7	-0656.0	5475	9.3	201755.8	-0633.5
5206	9.3	192926.2	-0627.4	5296	9.8	194556.0	-0645.7	5386	9.1	200149.4	-0621.4	5476	9.8	201808.3	-0656.1
5207	9.4	192929.3	-0645.1	5297	9.1	194605.8	-0610.3	5387	9.8	200212.7	-0611.3	5477	9.1	201825.3	-0653.2
5208	9.5	192936.7	-0636.8	5298	9.5	194611.4	-0606.8	5388	9.4	200215.6	-0647.5	5478	8.7	201828.1	-0620.9
5209	9.3	192945.5	-0604.5	5299	9.5	194633.4	-0632.5	5389	9.5	200230.1	-0650.6	5479	8.0	201839.7	-0637.5
5210	9.0	192958.9	-0618.7	5300	8.5	194646.5	-0645.3	5390	9.2	200230.8	-0603.9	5480	10.	201845.6	-0620.7
5211	9.0	193000.0	-0606.0	5301	9.4	194648.9	-0608.6	5391	8.0	200245.7	-0635.2	5481	9.3	201846.5	-0610.0
5212	9.4	193005.1	-0652.6	5302	9.5	194701.0	-0658.4	5392	9.8	200302.9	-0609.9	5482	9.5	201913.3	-0612.0
5213	8.0	193005.4	-0627.9	5303	9.6	194704.6	-0623.1	5393	9.7	200309.3	-0616.2	5483	10.	201923.3	-0607.2
5214	9.4	193032.3	-0650.6	5304	9.5	194717.5	-0647.5	5394	6.8	200322.2	-0630.6	5484	9.8	201942.4	-0602.6
5215	9.6	193047.9	-0623.2	5305	9.2	194725.8	-0628.2	5395	9.5	200339.3	-0622.0	5485	9.1	201946.0	-0610.0
5216	9.4	193057.0	-0615.8	5306	9.4	194727.8	-0653.4	5396	9.5	200340.1	-0657.7	5486	9.6	201947.3	-0603.1
5217	9.0	193111.6	-0603.8	5307	9.2	194739.6	-0636.6	5397	8.5	200351.3	-0634.3	5487	7.3	202004.8	-0607.5
5218	9.8	193137.9	-0644.8	5308	9.8	194754.1	-0636.6	5398	9.5	200355.8	-0648.9	5488	8.6	202012.4	-0600.0
5219	9.7	193141.0	-0624.7	5309	9.8	194837.6	-0624.8	5399	9.0	200358.8	-0633.7	5489	9.8	202018.0	-0618.8
5220	9.7	193148.2	-0622.1	5310	9.2	194856.7	-0635.2	5400	9.5	200418.4	-0615.6	5490	9.5	202031.6	-0627.6
5221	8.0	193153.4	-0623.1	5311	9.6	194900.9	-0608.2	5401	9.8	200433.5	-0635.0	5491	9.8	202038.0	-0631.4
5222	8.2	193209.6	-0628.8	5312	9.1	194931.7	-0621.9	5402	9.5	200446.9	-0617.6	5492	9.0	202051.3	-0601.5
5223	8.7	193218.3	-0626.0	5313	8.9	194948.0	-0653.2	5403	6.8	200453.7	-0647.6	5493	9.0	202052.3	-0606.7
5224	9.3	193227.3	-0643.9	5314	10.	194948.6	-0605.0	5404	9.8	200458.3	-0618.4	5494	9.8	202101.1	-0611.3
5225	9.6	193228.2	-0638.1	5315	9.5	194949.6	-0623.2	5405	9.5	200501.4	-0616.2	5495	9.4	202103.2	-0650.5
5226	9.7	193232.5	-0610.8	5316	9.7	194956.7	-0630.5	5406	9.5	200503.2	-0608.2	5496	9.4	202131.7	-0647.7
5227	9.5	193251.3	-0658.5	5317	9.4	195005.8	-0612.9	5407	9.0	200510.3	-0616.3	5497	9.5	202133.9	-0609.2
5228	9.5	193253.4	-0618.0	5318	9.6	195012.0	-0616.0	5408	9.1	200531.0	-0612.2	5498	9.4	202223.9	-0600.7
5229	9.5	193326.5	-0631.3	5319	7.5	195012.3	-0649.6	5409	9.5	200554.6	-0656.6	5499	9.9	202227.2	-0650.2
5230	9.1	193329.6	-0632.7	5320	8.2	195029.1	-0644.3	5410	9.1	200631.6	-0604.9	5500	9.8	202228.8	-0601.7
5231	9.4	193333.0	-0616.2	5321	9.3	195038.2	-0632.8	5411	7.5	200640.4	-0628.6	5501	9.6	202246.0	-0659.6
5232	9.8	193336.6	-0623.5	5322	9.3	195057.4	-0611.4	5412M	9.0	200641.5	-0628.3	5502	9.8	202246.2	-0635.0
5233	9.2	193336.8	-0604.1	5323	9.8	195124.3	-0602.5	5413	9.5	200646.4	-0610.5	5503	9.0	202256.8	-0612.7
5234	10.	193340.4	-0646.1	5324	9.1	195136.5	-0635.6	5414	9.5	200653.3	-0620.5	5504	8.4	202257.5	-0617.9
5235	9.3	193357.6	-0630.3	5325	9.5	195139.6	-0643.1	5415	9.8	200656.8	-0616.5	5505	9.0	202259.7	-0621.7
5236	9.7	193411.9	-0633.5	5326	9.0	195150.0	-0648.4	5416	9.5	200703.7	-0638.1	5506	9.8	202329.0	-0651.7
5237	7.9	193433.5	-0624.8	5327	9.0	195206.7	-0620.5	5417	9.4	200716.3	-0624.0	5507	9.8	202334.9	-0625.7
5238	9.5	193436.3	-0630.2	5328	9.5	195213.8	-0629.6	5418	9.8	200719.7	-0605.4	5508	9.9	202343.8	-0605.6
5239	9.5	193446.0	-0630.0	5329	9.5	195216.3	-0612.4	5419	9.1	200727.3	-0635.5	5509	9.8	202402.3	-0659.1
5240	9.8	193459.9	-0641.5	5330	9.6	195217.5	-0653.1	5420	9.2	200731.7	-0644.6	5510	9.5	202405.8	-0657.5
5241	8.2	193500.9	-0648.8	5331	8.9	195222.5	-0603.6	5421	8.5	200732.2	-0642.6	5511	8.0	202415.9	-0605.4
5242	8.8	193528.6	-0627.6	5332	9.4	195242.9	-0605.1	5422	9.7	200737.4	-0604.5	5512	9.0	202433.7	-0647.7
5243	9.3	193546.1	-0604.6	5333	9.6	195255.6	-0631.1	5423	9.7	200748.3	-0600.2	5513	9.6	202444.1	-0627.7
5244	9.9	193608.4	-0655.9	5334	9.5	195304.1	-0649.7	5424	9.8	200756.2	-0657.2	5514	9.5	202444.6	-0624.2
5245	9.9	193610.6	-0653.9	5335	9.4	195321.6	-0656.1	5425	10.	200847.4	-0629.5	5515	9.6	202508.8	-0644.6
5246	9.5	193615.3	-0657.2	5336	9.5	195329.5	-0650.8	5426	9.8	200850.6	-0619.1	5516	9.2	202512.5	-0625.7
5247	10.	193643.5	-0631.2	5337	9.5	195340.3	-0611.4	5427	9.0	200911.2	-0657.4	5517	9.0	202535.5	-0628.2
5248	9.1	193656.4	-0653.0	5338	9.7	195341.5	-0633.6	5428	9.5	200917.7	-0628.4	5518	9.9	202535.8	-0602.7
5249	9.3	193703.0	-0611.7	5339	8.2	195351.1	-0646.4	5429	9.8	200918.8	-0616.1	5519	9.6	202539.6	-0606.5
5250	9.2	193704.4	-0648.2	5340	9.4	195404.0	-0601.1	5430	9.8	200920.4	-0611.5	5520	9.8	202539.6	-0639.0
5251	9.7	193712.6	-0647.1	5341	9.1	195405.5	-0651.3	5431	8.7	200932.5	-0600.1	5521	7.3	202542.7	-0642.4
5252	10.	193733.5	-0659.8	5342	8.7	195411.6	-0637.9	5432	9.7	200932.5	-0627.8	5522	10.	202638.0	-0600.8
5253	9.3	193736.3	-0629.6	5343	9.1	195416.6	-0643.0	5433	8.0	200952.2	-0651.2	5523	8.6	202651.2	-0620.4
5254	9.1	193739.0	-0654.7	5344	9.5	195441.1	-0655.0	5434	9.0	201001.6	-0648.0	5524	10.	202658.1	-0635.4
5255	9.5	193814.4	-0653.8	5345	9.3	195456.0	-0646.0	5435	9.8	201006.3	-0600.9	5525	8.7	202658.3	-0646.3
5256	10.	193827.7	-0646.7	5346	9.1	195514.5	-0650.5	5436	9.8	201012.6	-0643.5	5526	9.8	202703.4	-0656.7
5257	9.8	193856.0	-0615.7	5347	9.0	195520.1	-0641.3	5437	7.6	201013.4	-0651.0	5527	8.5	202741.6	-0647.0
5258	9.5	193904.5	-0645.4	5348	8.8	195531.9	-0611.3	5438	7.5	201013.7	-0635.5	5528	8.0	202742.2	-0601.0
5259	9.4	193906.5	-0639.0	5349	9.3	195604.4	-0607.0	5439	9.7	201013.8	-0639.5	5529	9.2	202801.4	-0608.8
5260	9.1	193916.2	-0604.0	5350	9.1	195624.8	-0618.1	5440	7.8	201029.6	-0645.8	5530	9.4	202841.7	-0620.5
5261	9.4	193919.8	-0640.1	5351	9.0	195630.2	-0625.1	5441	9.7	201051.8	-0633.1	5531	9.8	202904.3	-0613.9
5262	9.4	193929.7	-0610.8	5352	9.6	195640.1	-0647.3	5442	9.5	201107.3	-0629.0	5532	9.8	202937.8	-0638.0
5263	7.8	193935.2	-0641.7	5353	9.5	195649.7	-0624.1	5443	9.6	201108.4	-0640.8	5533	9.3	202951.9	-0655.5
5264	9.5	193951.6	-0636.8	5354	9.5	195653.7	-0605.5	5444	9.5	201110.5	-0630.3	5534	9.7	202957.7	-0627.1
5265	9.4	194007.0	-0632.5	5355	9.4	195707.5	-0630.3	5445	9.6	201112.9	-0624.8	5535	9.4	203014.2	-0651.4
5266	9.3	194121.4	-0659.4	5356	9.5	195710.4	-0607.1	5446	9.5	201113.7	-0635.0	5536	9.3	203018.9	-0635.6
5267	9.5	194124.5	-0639.9	5357	9.5	195711.2	-0623.0	5447	9.6	201124.6	-0621.2	5537	9.8	203022.9	-0602.5
5268	9.5	194124.9	-0659.8	5358	9.4	195721.7	-0625.4	5448	8.8	201130.9	-0617.4	5538	9.0	203034.0	-0625.3
5269	9.0	194130.0	-0623.5	5359	9.1	195728.3	-0603.8	5449	9.5	201206.8	-0601.0	5539	9.8	203047.5	-0622.1
5270	9.5	194156.0	-0631.1	5360	8.5	195734.1	-0659.7	5450	8.7	201236.2	-0607.6	5540	9.6	203053.4	-0657.1
5271	9.4	194212.7	-0628.8	5361	8.7	195736.6	-0612.5	5451	6.3	201242.1	-0648.7	5541	9.7	203059.3	-0630.5
5272	9.3	194219.8	-0603.8	5362	9.2	195742.2	-0600.8	5452	9.5	201251.5	-0651.0	5542	9.3	203120.3	-0635.1
5273	9.2	194249.9	-0651.9	5363	9.8	195752.6	-0643.7	5453	9.1	201256.5	-0603.1	5543	10.	203124.9	-0604.5

-06 5544 20h31m

-06 5903 21h56m

5544	9.8	203126.1	-0611.6	5634	9.1	204923.2	-0645.0	5724	9.4	210747.9	-0646.7	5814	9.5	213731.5	-0656.0
5545	8.6	203128.1	-0639.6	5635	9.8	204950.1	-0612.1	5725	8.6	210751.4	-0603.9	5815	9.5	213734.2	-0607.5
5546	8.2	203135.3	-0641.6	5636	9.7	205014.7	-0600.3	5726	10.	210933.0	-0600.5	5816	9.1	213744.2	-0609.6
5547	9.8	203155.9	-0659.5	5637	8.6	205024.2	-0644.1	5727	9.9	210943.4	-0613.6	5817	9.5	213812.2	-0624.4
5548	9.6	203214.7	-0629.4	5638	9.1	205050.1	-0607.4	5728	10.	210950.4	-0608.3	5818	9.3	213817.1	-0638.6
5549	9.7	203218.3	-0629.0	5639	9.6	205110.9	-0635.4	5729	8.5	210956.5	-0604.2	5819	8.8	213829.3	-0657.7
5550	8.8	203229.6	-0621.6	5640	9.2	205117.5	-0623.5	5730	7.5	210958.9	-0623.3	5820	10.	213831.6	-0633.0
5551	9.5	203231.8	-0648.7	5641	8.8	205133.2	-0648.6	5731	8.9	211029.4	-0644.9	5821	9.6	213836.7	-0610.2
5552	9.0	203232.4	-0618.1	5642	9.1	205152.3	-0630.4	5732	9.7	211138.0	-0625.3	5822	8.5	213904.0	-0646.6
5553	9.8	203237.8	-0627.8	5643	9.1	205200.7	-0647.9	5733	8.0	211202.5	-0605.9	5823	9.0	213904.0	-0645.0
5554	9.5	203239.3	-0648.7	5644	9.0	205223.7	-0647.3	5734	9.5	211203.0	-0640.7	5824	9.4	213906.5	-0600.3
5555	9.5	203257.3	-0638.0	5645	9.1	205226.6	-0614.6	5735	9.0	211209.3	-0637.9	5825	9.4	213917.5	-0636.8
5556	9.6	203312.8	-0622.1	5646	8.8	205227.9	-0606.2	5736	9.9	211219.7	-0600.5	5826	9.8	213948.7	-0615.3
5557	9.5	203337.4	-0652.7	5647	9.5	205241.6	-0611.5	5737	9.9	211224.0	-0612.3	5827	6.2	213959.6	-0635.0
5558	7.7	203342.7	-0630.9	5648	9.1	205249.6	-0622.0	5738	9.1	211238.0	-0631.1	5828	9.5	214009.6	-0628.9
5559	9.8	203400.5	-0601.0	5649	9.2	205250.2	-0620.5	5739	10.	211243.0	-0603.7	5829	9.5	214018.6	-0628.6
5560	9.4	203416.1	-0623.4	5650	6.5	205253.1	-0602.4	5740	9.2	211346.4	-0656.7	5830	9.1	214022.2	-0647.8
5561	9.5	203435.3	-0621.8	5651	9.4	205307.4	-0605.3	5741	9.5	211351.9	-0624.6	5831	10.	214031.8	-0642.6
5562	9.8	203501.4	-0655.0	5652	9.3	205309.2	-0601.3	5742	9.5	211355.2	-0609.6	5832	10.	214038.3	-0639.1
5563	9.5	203508.4	-0620.0	5653	9.8	205358.9	-0633.4	5743	7.0	211458.5	-0615.0	5833	9.5	214056.0	-0647.3
5564	8.8	203516.4	-0653.6	5654	9.5	205359.0	-0626.1	5744	9.8	211518.0	-0639.2	5834	7.8	214056.4	-0655.3
5565	9.2	203533.5	-0601.3	5655	9.8	205438.2	-0648.5	5745	8.3	211519.3	-0651.2	5835	9.6	214059.3	-0601.4
5566	8.6	203542.3	-0644.5	5656	9.8	205456.3	-0629.3	5746	9.7	211525.9	-0630.2	5836	9.5	214104.7	-0632.8
5567	8.2	203610.4	-0628.4	5657	9.0	205502.1	-0603.7	5747	9.9	211600.6	-0602.7	5837	6.8	214126.4	-0604.4
5568	7.5	203616.5	-0606.9	5658	9.4	205529.7	-0647.6	5748	9.9	211618.9	-0623.0	5838	9.4	214134.3	-0652.2
5569	9.8	203638.2	-0616.3	5659	8.7	205532.7	-0644.0	5749	9.4	211636.5	-0609.8	5839	9.6	214139.7	-0627.7
5570	9.1	203640.9	-0619.8	5660	9.5	205555.7	-0600.9	5750	7.3	211704.0	-0612.0	5840	9.1	214143.5	-0654.2
5571	9.5	203715.9	-0653.0	5661	8.5	205559.2	-0648.7	5751	9.7	211707.5	-0643.5	5841	9.5	214156.0	-0642.0
5572	9.8	203717.4	-0653.6	5662	9.5	205619.6	-0611.7	5752	9.5	211721.0	-0606.9	5842	9.2	214223.4	-0658.6
5573	8.2	203733.9	-0640.7	5663	9.5	205620.7	-0642.5	5753	9.7	211727.8	-0632.7	5843	9.5	214225.3	-0616.9
5574	9.5	203745.5	-0612.7	5664	6.0	205624.0	-0623.4	5754	9.0	211728.7	-0619.4	5844	9.4	214226.7	-0635.6
5575	9.3	203748.4	-0626.2	5665	9.6	205701.9	-0620.4	5755	9.9	211827.5	-0613.3	5845	9.5	214304.2	-0622.3
5576	9.5	203750.9	-0624.8	5666	9.4	205735.3	-0632.2	5756	9.8	211836.2	-0652.3	5846	9.8	214308.6	-0658.3
5577	9.8	203800.8	-0603.1	5667	9.1	205742.0	-0643.2	5757	8.0	211856.6	-0637.8	5847	9.5	214311.7	-0618.0
5578	8.3	203818.3	-0649.3	5668	9.5	205750.2	-0651.2	5758	10.	211901.1	-0615.8	5848	9.5	214349.5	-0601.5
5579	8.8	203859.7	-0630.5	5669	9.5	205757.7	-0605.7	5759	9.0	211913.2	-0626.5	5849	9.4	214359.2	-0624.5
5580	9.8	203919.7	-0630.1	5670	8.5	205758.1	-0615.7	5760	8.5	212015.6	-0601.4	5850	8.5	214501.3	-0602.8
5581	9.8	203924.8	-0609.8	5671	9.3	205810.2	-0643.6	5761	8.8	212023.5	-0615.4	5851	9.4	214510.2	-0623.6
5582	9.5	203937.0	-0654.6	5672	9.0	205827.8	-0643.5	5762	9.5	212048.1	-0615.9	5852	9.8	214512.5	-0627.1
5583	9.5	203937.4	-0613.8	5673	9.0	205836.3	-0650.7	5763	9.8	212052.0	-0639.4	5853	9.5	214530.3	-0613.6
5584	9.4	203949.5	-0658.4	5674	8.3	205838.2	-0607.6	5764	9.3	212102.5	-0639.4	5854	9.6	214534.7	-0614.8
5585	10.	203956.0	-0643.8	5675	9.8	205842.7	-0645.6	5765	9.6	212204.4	-0630.2	5855	9.5	214538.2	-0629.8
5586	8.9	204002.7	-0634.1	5676	8.9	205847.8	-0620.4	5766	8.5	212223.9	-0602.0	5856	9.6	214601.4	-0634.5
5587	8.7	204026.9	-0644.4	5677	9.8	205848.0	-0636.4	5767	9.1	212234.1	-0607.1	5857	10.	214620.3	-0651.6
5588	8.3	204028.4	-0633.0	5678	9.3	205900.0	-0608.3	5768	9.5	212248.0	-0639.8	5858	9.8	214622.4	-0657.9
5589	9.1	204102.0	-0628.3	5679	9.3	205900.2	-0617.6	5769	9.7	212315.4	-0621.8	5859	7.3	214635.1	-0602.3
5590	9.4	204117.9	-0617.3	5680	9.6	205925.7	-0606.5	5770	8.5	212356.1	-0612.6	5860	9.6	214649.7	-0654.1
5591	9.5	204119.0	-0644.2	5681	9.5	205928.1	-0613.0	5771	9.7	212409.1	-0620.6	5861	9.5	214656.9	-0620.0
5592	9.9	204121.8	-0655.9	5682	10.	205942.1	-0613.0	5772	9.2	212421.5	-0649.7	5862	9.5	214707.3	-0608.2
5593	10.	204126.0	-0609.8	5683	7.8	210002.7	-0609.0	5773	9.8	212436.6	-0647.0	5863	9.5	214758.9	-0642.9
5594	9.5	204139.5	-0609.2	5684	9.3	210012.6	-0627.9	5774	9.5	212448.5	-0633.8	5864	9.8	214758.9	-0650.1
5595	10.	204153.4	-0613.8	5685	9.4	210043.7	-0619.6	5775	8.5	212450.9	-0656.9	5865	9.3	214816.8	-0636.0
5596	9.5	204155.4	-0630.2	5686	9.5	210103.6	-0618.5	5776	9.5	212512.1	-0652.5	5866	9.7	214824.1	-0649.0
5597	9.5	204212.4	-0657.1	5687	9.4	210106.3	-0645.3	5777	9.5	212513.0	-0626.3	5867	7.3	214829.3	-0630.9
5598	9.3	204223.0	-0607.2	5688	9.3	210112.7	-0617.8	5778	10.	212526.2	-0602.1	5868	9.5	214829.9	-0649.5
5599	10.	204251.8	-0608.6	5689	7.8	210114.9	-0654.8	5779	9.1	212530.5	-0637.3	5869	9.0	214834.8	-0622.7
5600	8.5	204255.4	-0625.0	5690	7.0	210118.6	-0609.9	5780	9.3	212551.7	-0603.8	5870	8.8	214848.1	-0608.6
5601	9.8	204255.6	-0601.0	5691	9.4	210154.4	-0657.6	5781	8.2	212607.9	-0603.6	5871	9.4	214851.8	-0627.9
5602	9.8	204336.7	-0658.6	5692	9.8	210157.4	-0658.0	5782	9.0	212616.6	-0607.5	5872	9.5	214907.1	-0625.9
5603	9.1	204339.5	-0608.2	5693	9.4	210219.3	-0605.0	5783	9.9	212632.6	-0644.8	5873	9.4	214910.8	-0628.7
5604	6.5	204344.8	-0609.7	5694	9.0	210221.8	-0640.5	5784	9.9	212638.0	-0638.8	5874	9.4	214918.6	-0644.3
5605	8.2	204420.2	-0628.8	5695	9.5	210234.8	-0649.7	5785	9.4	212750.5	-0622.3	5875	9.6	214918.9	-0645.9
5606	6.0	204429.3	-0602.8	5696	9.6	210235.3	-0616.5	5786	9.8	212755.6	-0615.5	5876	9.5	214942.9	-0649.0
5607	9.4	204452.5	-0622.5	5697	9.4	210256.4	-0611.1	5787	9.6	212755.8	-0621.6	5877	9.2	214953.8	-0637.7
5608	8.5	204456.1	-0627.9	5698	9.1	210257.9	-0619.8	5788	9.4	212848.2	-0624.4	5878	6.5	215036.9	-0606.5
5609	9.8	204456.7	-0600.2	5699	8.7	210300.8	-0621.3	5789	9.3	212849.1	-0628.9	5879	8.7	215047.4	-0650.6
5610	9.5	204457.8	-0602.9	5700	9.7	210309.3	-0649.8	5790	8.2	212908.6	-0639.1	5880	9.5	215057.4	-0618.9
5611	9.5	204502.6	-0634.7	5701	9.6	210309.4	-0606.6	5791	10.	212919.6	-0632.3	5881	8.6	215143.1	-0610.4
5612	9.6	204519.3	-0608.4	5702	9.9	210325.5	-0606.9	5792	9.4	212920.4	-0655.8	5882	9.4	215145.2	-0627.9
5613	9.2	204531.0	-0617.2	5703	9.9	210334.8	-0627.9	5793	9.8	213002.7	-0606.9	5883	9.2	215153.4	-0628.3
5614	9.3	204536.0	-0615.2	5704	9.6	210405.9	-0605.4	5794	9.8	213022.1	-0648.0	5884	8.0	215202.0	-0658.0
5615	8.9	204551.6	-0647.2	5705	8.3	210418.6	-0633.4	5795	9.6	213047.2	-0618.2	5885	9.5	215205.2	-0656.0
5616	9.5	204614.7	-0657.0	5706	7.8	210418.8	-0624.1	5796	9.6	213053.2	-0610.7	5886	9.5	215225.9	-0616.4
5617	9.5	204622.8	-0656.5	5707	9.1	210501.9	-0649.8	5797	9.7	213124.2	-0626.8	5887	9.3	215226.7	-0616.6
5618	9.8	204623.1	-0633.7	5708	9.5	210503.6	-0607.8	5798	9.5	213203.4	-0632.0	5888	8.9	215227.9	-0652.7
5619	8.2	204655.6	-0600.8	5709	9.4	210537.8	-0640.5	5799	9.1	213220.0	-0602.8	5889	9.5	215239.6	-0633.8
5620	9.3	204657.0	-0618.5	5710	9.8	210543.9	-0650.3	5800	9.9	213423.0	-0639.6	5890	9.2	215302.9	-0621.6
5621	9.5	204657.7	-0650.1	5711	9.4	210547.9	-0601.9	5801	8.9	213426.2	-0634.0	5891	9.5	215324.4	-0614.0
5622	9.5	204657.7	-0630.0	5712	7.5	210550.2	-0630.6	5802	9.4	213427.2	-0640.2	5892	9.5	215351.9	-0612.9
5623	9.7	204709.3	-0647.2	5713	9.6	210603.7	-0645.7	5803	9.5	213428.4	-0636.9	5893	8.0	215359.0	-0654.6
5624	9.2	204722.4	-0601.5	5714	9.4	210609.1	-0605.0	5804	8.5	213443.9	-0617.9	5894	9.7	215419.2	-0621.1
5625	9.5	204732.7	-0657.0	5715	9.2	210627.8	-0624.0	5805	9.7	213514.7	-0605.0	5895	9.6	215419.4	-0616.0
5626	9.2	204738.5	-0618.3	5716	9.8	210629.4	-0655.3	5806	9.4	213531.9	-0607.8	5896	9.3	215425.2	-0627.5
5627	9.1	204745.5	-0635.0	5717	9.5	210640.8	-0637.9	5807	9.5	213547.3	-0659.6	5897	9.3	215429.2	-0626.2
5628	10.	204801.9	-0607.2	5718	9.7	210650.9	-0608.8	5808	9.4	213547.6	-0644.4	5898	9.4	215436.1	-0659.1
5629	9.6	204815.1	-0650.5	5719	9.2	210655.4	-0633.6	5809	9.8	213552.7	-0611.4	5899	10.	215507.9	-0659.9
5630	9.2	204852.7	-0600.9	5720	7.0	210724.9	-0608.7	5810	9.5	213618.7	-0647.4	5900	9.8	215553.5	-0646.7
5631	9.8	204854.8	-0633.3	5721	9.4	210734.5	-0603.5	5811	10.	213648.7	-0652.0	5901	7.5	215553.9	-0623.6
5632	9.6	204913.0	-0620.8	5722	8.2	210744.3	-0636.2	5812	8.7	213656.2	-0609.8	5902	8.0	215554.9	-0635.2
5633	9.5	204913.1	-0632.5	5723	9.8	210747.2	-0623.4	5813	9.2	213712.6	-0631.7	5903	9.3	215649.5	-0646.0

5904	8.8	215704.5	-0645.8	5994	9.8	221932.8	-0614.1	6084	9.5	224527.5	-0659.8	6174	8.2	230742.1	-0654.7
5905	9.3	215724.2	-0632.8	5995	9.0	221947.4	-0646.2	6085	9.0	224540.4	-0606.6	6175	9.7	230753.5	-0619.8
5906	9.9	215750.9	-0608.6	5996	8.8	222017.4	-0638.6	6086	9.0	224553.9	-0606.9	6176	10.	230759.9	-0645.1
5907	9.9	215816.4	-0616.2	5997	8.6	222025.4	-0640.5	6087	7.0	224555.8	-0645.3	6177	9.0	230811.3	-0629.2
5908	7.5	215829.0	-0633.4	5998	9.8	222036.1	-0650.4	6088	8.7	224605.4	-0652.7	6178	9.0	230909.0	-0645.9
5909	9.9	215858.0	-0600.2	5999	10.	222056.0	-0642.0	6089	9.7	224631.1	-0632.9	6179	9.4	230910.0	-0630.1
5910	9.0	215909.8	-0633.1	6000	9.5	222115.5	-0629.9	6090	9.0	224637.2	-0616.2	6180	10.	230921.8	-0623.6
5911	9.4	215956.0	-0604.8	6001	9.5	222144.9	-0652.5	6091	9.5	224637.3	-0639.0	6181	9.4	230936.5	-0620.5
5912	7.8	220005.4	-0644.1	6002	9.1	222151.9	-0642.2	6092	10.	224656.9	-0600.6	6182	9.3	230942.7	-0655.3
5913	9.5	220011.8	-0609.1	6003	9.6	222208.3	-0628.6	6093	9.8	224657.8	-0607.7	6183	9.2	230952.7	-0654.2
5914	8.2	220018.6	-0612.5	6004	9.5	222215.7	-0634.4	6094	9.5	224726.7	-0637.3	6184	8.8	231016.5	-0621.3
5915	9.6	220059.8	-0625.7	6005	9.6	222217.3	-0604.2	6095	10.	224745.4	-0622.2	6185	8.9	231026.5	-0618.2
5916	9.8	220123.5	-0650.8	6006	9.4	222223.8	-0648.4	6096	7.7	224749.5	-0627.7	6186	9.1	231053.5	-0611.2
5917	9.5	220126.4	-0631.9	6007	9.5	222234.3	-0602.8	6097	9.4	224754.9	-0620.5	6187	8.9	231114.6	-0625.4
5918	8.7	220136.7	-0619.2	6008	9.7	222253.7	-0620.9	6098	9.0	224759.4	-0621.1	6188	9.4	231156.4	-0637.8
5919	9.2	220149.1	-0652.8	6009	9.9	222305.2	-0634.2	6099	10.	224825.2	-0606.9	6189	10.	231209.9	-0648.7
5920	9.5	220156.0	-0633.4	6010	9.6	222326.6	-0625.2	6100	8.8	224849.0	-0600.9	6190	10.	231221.8	-0610.3
5921	9.2	220210.6	-0600.2	6011	9.5	222350.3	-0613.7	6101	9.7	224907.3	-0658.9	6191	6.5	231312.0	-0641.7
5922	10.	220222.2	-0603.2	6012	9.5	222357.9	-0657.8	6102	10.	224924.3	-0610.9	6192	10.	231344.0	-0641.1
5923	10.	220249.0	-0652.9	6013	9.5	222452.4	-0635.5	6103	9.6	224943.6	-0606.2	6193	8.1	231345.2	-0659.0
5924	9.6	220301.8	-0631.7	6014	9.8	222456.5	-0657.8	6104	10.	224958.5	-0646.4	6194	9.1	231353.1	-0644.9
5925	9.0	220337.1	-0635.8	6015	9.5	222501.6	-0609.1	6105	10.	224959.0	-0633.8	6195	10.	231412.1	-0628.4
5926	10.	220351.3	-0659.2	6016	9.5	222501.9	-0642.6	6106	10.	225004.6	-0646.7	6196	10.	231417.0	-0637.5
5927	10.	220400.0	-0656.2	6017	10.	222540.8	-0627.4	6107	9.4	225018.7	-0638.9	6197	9.6	231442.1	-0629.7
5928	8.5	220420.4	-0615.0	6018	9.7	222611.9	-0628.1	6108	9.0	225021.4	-0618.8	6198	9.5	231527.0	-0639.7
5929	9.5	220437.3	-0616.1	6019	9.7	222654.1	-0602.4	6109	10.	225022.3	-0603.0	6199	10.	231559.7	-0606.4
5930	9.7	220440.2	-0629.6	6020	9.6	222655.2	-0607.6	6110	8.5	225038.2	-0627.7	6200	9.9	231610.6	-0625.7
5931	9.5	220456.9	-0644.6	6021	9.0	222706.7	-0627.5	6111	10.	225101.7	-0658.0	6201	9.1	231642.1	-0632.5
5932	9.6	220501.7	-0630.7	6022	9.4	222716.6	-0653.5	6112	8.8	225104.7	-0626.8	6202	9.3	231711.1	-0612.3
5933	9.6	220510.6	-0647.9	6023	9.8	222725.0	-0625.0	6113	9.3	225106.7	-0640.0	6203	9.3	231714.4	-0648.2
5934	9.5	220515.1	-0652.9	6024	9.5	222808.5	-0631.3	6114	9.5	225107.5	-0641.3	6204	8.9	231731.5	-0600.4
5935	9.9	220528.2	-0626.1	6025	10.	222809.4	-0628.7	6115	9.5	225211.8	-0615.2	6205	9.9	231749.3	-0620.5
5936	9.0	220609.6	-0622.9	6026	9.1	222839.0	-0626.1	6116	8.9	225215.1	-0634.6	6206	9.1	231805.2	-0648.5
5937	9.4	220624.3	-0619.7	6027	9.3	222844.6	-0622.4	6117	9.6	225234.3	-0653.0	6207	9.4	231808.1	-0629.8
5938	7.7	220628.9	-0628.1	6028	8.8	222846.1	-0621.0	6118	9.4	225238.2	-0651.4	6208	9.5	231815.6	-0600.9
5939	9.5	220642.5	-0656.2	6029	10.	222852.6	-0656.2	6119	9.5	225244.3	-0610.2	6209	9.8	231823.6	-0659.8
5940	8.5	220645.3	-0616.8	6030	9.5	222916.5	-0628.3	6120	9.0	225315.2	-0620.3	6210	10.	231828.0	-0601.7
5941	10.	220647.8	-0603.5	6031	9.6	222921.3	-0616.3	6121	8.8	225351.1	-0628.2	6211	9.5	231835.3	-0655.0
5942	9.1	220654.0	-0659.9	6032	9.5	222931.8	-0622.7	6122	10.	225342.6	-0652.1	6212	10.	231850.1	-0645.6
5943	9.4	220659.1	-0659.1	6033	9.2	222939.2	-0607.6	6123	9.5	225345.3	-0651.8	6213	8.2	231910.3	-0601.6
5944	8.2	220711.5	-0626.9	6034	7.8	222944.1	-0649.1	6124	10.	225348.8	-0623.8	6214	9.3	231941.2	-0623.4
5945	9.4	220712.4	-0622.3	6035	9.4	222958.9	-0625.7	6125	8.5	225359.8	-0618.5	6215	9.5	231950.1	-0620.3
5946	9.5	220733.8	-0602.4	6036	9.1	223020.6	-0649.5	6126	9.1	225414.2	-0606.3	6216	9.3	232027.1	-0617.0
5947	8.1	220737.9	-0618.6	6037	9.7	223059.5	-0659.3	6127	8.6	225422.7	-0644.5	6217	9.5	232033.1	-0630.3
5948	9.6	220742.2	-0632.0	6038	9.1	223102.5	-0638.2	6128	10.	225453.5	-0636.0	6218	8.5	232047.6	-0637.1
5949	10.	220759.8	-0611.1	6039	9.5	223103.2	-0648.0	6129	9.0	225507.1	-0630.5	6219	10.	232052.1	-0605.6
5950	9.1	220805.4	-0625.1	6040	9.5	223120.9	-0636.2	6130	9.7	225508.9	-0652.9	6220	7.0	232118.2	-0611.1
5951	9.4	220812.9	-0624.1	6041	9.5	223122.1	-0636.5	6131	9.5	225518.7	-0652.4	6221	9.9	232123.3	-0630.6
5952	9.8	220824.7	-0606.8	6042	9.8	223129.2	-0601.2	6132	9.5	225529.4	-0649.8	6222	9.1	232211.7	-0611.1
5953	9.8	220850.2	-0626.0	6043	9.4	223143.7	-0606.4	6133	9.2	225531.6	-0657.2	6223	9.5	232220.7	-0619.8
5954	9.1	220902.2	-0652.0	6044	9.5	223200.2	-0643.7	6134	9.4	225538.8	-0631.2	6224	9.5	232230.6	-0605.3
5955	9.5	220905.8	-0609.1	6045	10.	223227.5	-0604.0	6135	10.	225544.6	-0628.4	6225	9.1	232244.2	-0606.2
5956	9.5	220912.6	-0651.8	6046	9.3	223258.6	-0635.1	6136	10.	225553.6	-0609.2	6226	9.8	232327.2	-0607.8
5957	9.5	220913.1	-0620.0	6047	9.5	223304.3	-0627.4	6137	9.8	225613.8	-0625.4	6227	10.	232349.8	-0652.3
5958	9.7	220921.4	-0620.3	6048	9.5	223327.0	-0639.1	6138	9.1	225621.8	-0613.4	6228	9.9	232430.5	-0643.6
5959	9.5	220921.5	-0606.0	6049	9.3	223335.0	-0634.1	6139	8.7	225641.8	-0633.3	6229	8.6	232508.2	-0656.4
5960	5.5	220937.3	-0635.4	6050	10.	223334.0	-0646.0	6140	8.8	225657.0	-0657.7	6230	9.6	232527.8	-0628.6
5961	9.8	220944.0	-0638.0	6051	8.9	223351.9	-0624.9	6141	9.2	225707.8	-0616.9	6231	9.5	232552.2	-0607.5
5962	9.8	220950.9	-0602.2	6052	8.7	223354.3	-0655.4	6142	9.0	225741.3	-0601.9	6232	9.6	232623.5	-0643.3
5963	9.5	221035.8	-0641.1	6053	10.	223419.1	-0636.0	6143	10.	225802.7	-0643.6	6233	9.3	232632.0	-0641.9
5964	8.2	221040.4	-0633.9	6054	9.7	223424.7	-0613.3	6144	10.	225828.8	-0659.3	6234	9.2	232642.2	-0617.5
5965	9.3	221040.7	-0604.9	6055	9.4	223437.8	-0608.5	6145	9.8	225933.4	-0631.2	6235	10.	232702.6	-0643.7
5966	9.5	221045.0	-0647.9	6056	9.2	223446.4	-0629.4	6146	9.5	230009.4	-0628.4	6236	9.7	232718.3	-0610.8
5967	9.5	221049.5	-0629.6	6057	9.8	223457.7	-0655.5	6147	8.7	230020.5	-0629.0	6237	10.	232727.2	-0648.4
5968	9.5	221102.3	-0615.2	6058	9.4	223509.2	-0616.1	6148	9.1	230030.0	-0600.2	6238	10.	232751.0	-0613.0
5969	9.1	221139.1	-0658.1	6059	9.7	223515.3	-0659.9	6149	10.	230037.6	-0647.7	6239	8.8	232818.4	-0632.9
5970	9.5	221305.4	-0619.9	6060	9.1	223521.5	-0658.1	6150	10.	230056.7	-0649.0	6240	9.0	232820.4	-0626.2
5971	9.2	221344.0	-0602.1	6061	9.5	223522.6	-0637.6	6151	9.9	230109.3	-0615.0	6241	9.8	232822.3	-0620.6
5972	7.5	221348.8	-0657.9	6062	10.	223546.5	-0634.2	6152	8.5	230131.4	-0607.7	6242	9.1	232826.8	-0648.8
5973	9.3	221411.0	-0633.6	6063	9.1	223607.2	-0602.0	6153	9.2	230142.9	-0640.0	6243	9.2	232852.4	-0625.5
5974	8.0	221411.6	-0654.9	6064	9.1	223615.4	-0612.3	6154	9.7	230216.6	-0607.8	6244	10.	232920.9	-0657.8
5975	9.5	221412.9	-0612.1	6065	10.	223647.9	-0648.2	6155	9.6	230217.4	-0622.0	6245	9.8	232932.0	-0636.0
5976	9.5	221452.5	-0619.2	6066	10.	223829.9	-0613.9	6156	10.	230301.4	-0618.3	6246	10.	232948.6	-0612.5
5977	9.4	221514.6	-0654.1	6067	9.1	223837.8	-0611.4	6157	7.0	230308.7	-0644.7	6247	9.1	233002.3	-0605.9
5978	9.8	221518.0	-0621.3	6068	8.8	223916.7	-0642.0	6158	10.	230332.7	-0635.3	6248	8.2	233023.6	-0646.8
5979	9.2	221525.6	-0635.4	6069	9.5	223949.8	-0655.4	6159	10.	230333.2	-0617.5	6249	9.3	233029.2	-0605.0
5980	9.4	221526.3	-0624.9	6070	9.5	224006.8	-0608.5	6160	10.	230340.6	-0617.8	6250	9.5	233050.7	-0648.3
5981	10.	221559.9	-0609.0	6071	9.7	224022.8	-0610.2	6161	10.	230406.9	-0615.8	6251	8.9	233105.4	-0647.6
5982	9.8	221629.4	-0609.6	6072	9.5	224030.3	-0650.5	6162	10.	230428.7	-0636.2	6252	9.3	233147.1	-0645.0
5983	9.1	221632.2	-0641.7	6073	9.5	224040.8	-0617.7	6163	9.5	230429.1	-0613.3	6253	8.9	233156.8	-0615.6
5984	8.9	221644.3	-0656.9	6074	8.5	224045.4	-0631.9	6164	9.5	230433.5	-0651.6	6254	8.8	233204.3	-0624.9
5985	8.5	221651.7	-0645.8	6075	8.7	224056.2	-0603.6	6165	9.5	230527.0	-0615.8	6255	10.	233217.7	-0648.2
5986	9.7	221659.0	-0625.7	6076	9.0	224102.5	-0621.5	6166	10.	230551.9	-0659.8	6256	7.3	233223.4	-0620.6
5987	9.5	221713.3	-0648.6	6077	9.5	224218.3	-0604.3	6167	9.1	230553.8	-0638.8	6257	9.1	233240.3	-0608.7
5988	9.1	221724.4	-0620.1	6078	9.2	224231.9	-0620.4	6168	9.7	230601.3	-0647.3	6258	9.5	233253.2	-0628.3
5989	9.1	221809.0	-0628.7	6079	8.8	224242.9	-0621.8	6169	9.7	230642.9	-0645.8	6259	9.8	233350.3	-0601.8
5990	9.7	221811.8	-0605.8	6080	9.5	224406.8	-0602.3	6170	5.0	230648.5	-0649.8	6260	9.7	233400.9	-0634.4
5991	9.5	221817.8	-0619.9	6081	9.5	224425.1	-0625.6	6171	9.0	230705.1	-0654.4	6261	8.9	233414.3	-0618.6
5992	9.7	221900.8	-0611.2	6082	10.	224429.9	-0627.6	6172	10.	230712.6	-0605.7	6262	7.8	233424.2	-0646.9
5993	9.2	221908.3	-0652.1	6083	9.6	224509.1	-0628.5	6173	9.1	230724.5	-0610.0	6263	9.3	233456.9	-0610.5

6264	9.8	233503.6	-0629.8	6354	9.9	235631.8	-0600.6	79	9.1	02635.0	-0701.9	169	9.2	05658.1	-0714.9
6265	9.8	233526.8	-0658.3	6355	10.	235640.4	-0603.7	80	8.5	02639.4	-0753.4	170	10.	05718.7	-0747.8
6266	9.7	233558.8	-0651.3	6356	9.2	235732.4	-0623.3	81	9.5	02645.3	-0700.1	171	9.6	05815.1	-0746.5
6267	9.7	233604.0	-0620.9	6357	5.2	235754.3	-0630.9	82	7.7	02705.3	-0718.1	172	10.	05820.5	-0751.7
6268	9.1	233623.3	-0646.2	6358	9.8	235757.4	-0625.7	83	9.7	02727.5	-0706.5	173	8.9	05828.8	-0728.8
6269	8.8	233625.5	-0614.0	6359	9.4	235836.3	-0630.9	84	8.8	02743.3	-0746.1	174	9.2	05913.1	-0720.6
6270	9.5	233627.6	-0630.4	6360	9.4	235844.4	-0618.7	85	9.1	02758.5	-0711.4	175	9.0	10019.2	-0702.2
6271	9.1	233633.1	-0600.5	6361	9.3	235852.9	-0615.8	86	9.7	02820.2	-0730.7	176	10.	10043.7	-0755.0
6272	9.7	233651.9	-0657.3	6362	10.	235854.8	-0639.0	87	9.9	02843.0	-0704.3	177	10.	10049.5	-0756.6
6273	9.0	233658.0	-0635.2	6363	9.3	235919.4	-0633.3	88	9.1	02844.2	-0736.8	178	9.3	10052.1	-0734.8
6274	9.5	233709.5	-0655.3	6364	10.	235925.3	-0636.4	89	9.5	02908.7	-0735.5	179	10.	10107.4	-0703.8
6275	9.1	233710.2	-0641.2	6365	10.	235927.6	-0608.6	90	8.3	02933.6	-0721.4	180	10.	10115.5	-0755.2
6276	8.7	233712.4	-0655.9	1	9.9	00030.0	-0714.8	91	9.7	02000.5	-0730.4	181	9.3	10153.8	-0715.7
6277	9.5	233738.3	-0603.4	2	9.8	00039.9	-0754.9	92	10.	03035.7	-0728.1	182	9.4	10154.5	-0701.1
6278	9.8	233743.8	-0648.2	3	7.8	00105.4	-0735.8	93	10.	03039.2	-0708.5	183	9.1	10213.5	-0728.3
6279	10.	233800.7	-0637.7	4	9.9	00107.7	-0715.7	94	9.1	03105.8	-0737.5	184	10.	10223.6	-0755.8
6280	9.3	233804.4	-0603.4	5	9.5	00118.5	-0720.2	95	9.8	03151.4	-0745.9	185	8.8	10242.9	-0750.2
6281	10.	233824.5	-0622.4	6	10.	00119.9	-0716.4	96	9.5	03230.5	-0749.0	186	9.7	10246.8	-0753.7
6282	9.1	233826.2	-0644.2	7	10.	00207.4	-0716.0	97	9.5	03238.7	-0753.6	187	8.9	10253.6	-0734.3
6283	9.8	233855.3	-0647.8	8	9.9	00219.2	-0720.9	98	9.7	03242.3	-0740.5	188	10.	10301.7	-0733.0
6284	9.2	233900.6	-0631.8	9	8.2	00223.4	-0738.8	99	9.7	03310.1	-0716.7	189	9.7	10302.4	-0719.4
6285	9.5	233911.5	-0623.6	10	9.8	00227.1	-0758.3	100	9.6	03319.6	-0722.4	190	8.8	10337.0	-0726.0
6286	8.5	233916.9	-0615.6	11	9.1	00257.0	-0750.1	101	9.5	03328.1	-0700.0	191	9.5	10341.3	-0741.7
6287	10.	233935.5	-0623.3	12	9.7	00303.2	-0723.0	102	8.4	03333.9	-0754.7	192	8.5	10350.2	-0756.5
6288	10.	233943.8	-0648.9	13	9.9	00337.4	-0714.8	103	9.6	03414.2	-0714.4	193	9.0	10401.8	-0745.9
6289	9.0	233951.7	-0609.1	14	10.	00402.5	-0741.3	104	9.7	03426.0	-0711.3	194	9.8	10410.6	-0725.2
6290	9.5	233956.4	-0652.8	15	9.6	00428.2	-0759.0	105	9.4	03440.1	-0758.6	195	9.8	10455.1	-0725.4
6291	7.8	234010.8	-0638.0	16	8.4	00440.8	-0753.6	106	8.5	03449.6	-0702.5	196	6.5	10530.2	-0735.0
6292	10.	234020.9	-0657.4	17	9.0	00521.3	-0750.3	107	8.7	03516.4	-0739.6	197	9.4	10634.9	-0748.4
6293	8.2	234025.4	-0602.8	18	8.5	00529.0	-0743.0	108	10.	03556.8	-0718.0	198	9.1	10715.7	-0730.7
6294	9.5	234107.2	-0636.4	19	9.9	00643.8	-0744.?	109	7.8	03557.4	-0707.8	199	9.2	10749.0	-0720.3
6295	9.5	234111.5	-0616.6	20	9.1	00648.2	-0753.5	110	9.0	03610.8	-0712.2	200	9.7	10821.5	-0721.1
6296	9.0	234116.5	-0613.5	21	10.	00712.5	-0727.3	111	9.5	03616.9	-0737.1	201	9.2	10841.9	-0752.1
6297	8.0	234205.8	-0621.5	22	9.1	00733.2	-0710.1	112	9.1	03650.2	-0716.8	202	8.9	10849.8	-0718.9
6298	9.7	234205.8	-0639.3	23	9.3	00808.2	-0733.8	113	9.7	03652.3	-0723.4	203	9.8	10852.5	-0732.0
6299	9.8	234255.0	-0625.0	24	10.	00815.2	-0716.0	114	9.1	03653.5	-0741.7	204	8.7	10859.9	-0755.1
6300	10.	234258.5	-0608.7	25	10.	00823.1	-0713.0	115	9.8	03731.4	-0734.0	205	9.5	10926.2	-0720.2
6301	9.7	234326.8	-0640.6	26	9.1	00828.7	-0744.5	116	9.8	03753.6	-0753.9	206	9.5	10928.7	-0737.0
6302	9.3	234335.4	-0626.2	27	10.	00846.2	-0730.8	117	8.3	03854.8	-0721.3	207	9.4	11013.3	-0736.8
6303	8.7	234419.1	-0629.2	28	10.	00856.2	-0725.7	118	8.6	03905.4	-0728.9	208	9.5	11114.1	-0726.4
6304	9.2	234421.3	-0618.9	29	8.5	00857.5	-0750.0	119	9.1	03920.9	-0731.3	209	8.5	11136.4	-0703.5
6305	9.1	234435.6	-0624.5	30	9.4	00909.9	-0709.5	120	9.1	03921.7	-0738.2	210	9.8	11139.0	-0754.6
6306	9.1	234443.7	-0626.2	31	9.5	00924.2	-0710.2	121	9.3	03923.7	-0708.1	211	9.0	11209.7	-0721.8
6307	9.4	234455.5	-0604.1	32	8.6	00928.6	-0759.8	122	9.1	03954.8	-0721.5	212	8.8	11343.9	-0742.9
6308	9.2	234510.4	-0648.2	33	9.2	01030.2	-0722.9	123	9.5	04016.1	-0751.8	213	9.5	11351.0	-0752.5
6309	9.0	234542.1	-0608.4	34	9.5	01046.0	-0753.3	124	9.2	04023.5	-0756.7	214	9.3	11351.7	-0713.4
6310	9.8	234559.1	-0614.0	35	9.3	01049.7	-0722.0	125	9.9	04049.8	-0758.4	215	8.9	11351.9	-0705.5
6311	9.5	234636.6	-0611.3	36	9.8	01133.0	-0713.0	126	9.5	04101.0	-0719.7	216	9.7	11407.2	-0729.1
6312	9.5	234640.1	-0616.5	37	9.8	01133.9	-0725.3	127	9.5	04122.9	-0728.2	217	9.0	11408.8	-0749.5
6313	8.9	234655.1	-0631.9	38	10.	01304.5	-0722.0	128	9.7	04315.8	-0710.7	218	9.8	11420.7	-0723.2
6314	9.3	234750.0	-0603.0	39	10.	01315.7	-0752.0	129	9.1	04356.6	-0743.8	219	9.4	11439.2	-0758.0
6315	10.	234757.2	-0627.8	40	9.8	01332.2	-0713.8	130	8.6	04434.9	-0754.7	220	9.3	11453.3	-0756.0
6316	10.	234757.8	-0637.8	41	9.5	01433.0	-0740.4	131	9.8	04439.6	-0711.2	221	9.2	11500.5	-0751.4
6317	10.	234808.4	-0610.4	42	9.8	01449.1	-0754.3	132	9.4	04505.4	-0725.7	222	9.0	11532.4	-0736.0
6318	9.6	234816.6	-0656.7	43	9.0	01510.8	-0726.9	133	9.4	04520.1	-0745.8	223	6.0	11703.5	-0740.4
6319	9.5	234821.9	-0621.3	44	9.1	01511.6	-0707.9	134	9.8	04534.2	-0746.5	224	7.8	11732.0	-0744.7
6320	9.3	234823.4	-0621.6	45	9.7	01532.1	-0721.0	135	10.	04615.2	-0746.2	225	9.0	11756.4	-0735.0
6321	9.5	234839.1	-0613.0	46	9.2	01535.3	-0716.8	136	10.	04720.5	-0717.8	226	9.3	11757.6	-0733.9
6322	8.7	234900.9	-0647.3	47	8.5	01536.4	-0710.3	137	9.5	04736.0	-0758.4	227	8.9	11758.0	-0714.0
6323	9.8	234932.1	-0609.0	48	7.6	01537.0	-0715.9	138	8.6	04756.1	-0707.4	228	9.5	11840.8	-0700.8
6324	8.0	234943.0	-0616.0	49	10.	01607.2	-0714.7	139	10.	04801.7	-0746.7	229	8.0	11850.2	-0724.6
6325	9.2	234948.1	-0657.2	50	9.4	01608.7	-0759.7	140	9.8	04803.1	-0736.8	230	9.7	11920.4	-0706.0
6326	9.4	234956.0	-0654.6	51	9.6	01740.3	-0725.1	141	10.	04803.7	-0747.6	231	9.8	11937.7	-0738.7
6327	9.5	235000.1	-0619.6	52	9.8	01743.3	-0722.4	142	9.0	04808.6	-0711.8	232	8.7	11943.5	-0705.8
6328	9.4	235001.6	-0621.6	53	10.	01759.4	-0740.6	143	9.5	04810.8	-0752.8	233	9.9	11955.1	-0752.5
6329	7.7	235021.7	-0615.7	54	9.6	01811.5	-0713.3	144	10.	04812.4	-0714.6	234	9.7	12017.7	-0759.2
6330	9.5	235035.1	-0610.0	55	9.4	01845.2	-0721.2	145	9.9	04854.9	-0732.0	235	9.5	12021.0	-0710.7
6331	9.1	235058.5	-0647.8	56	9.5	01925.3	-0731.9	146	8.1	04906.6	-0730.2	236	9.5	12048.7	-0751.0
6332	9.8	235130.0	-0646.9	57	9.1	01943.4	-0724.5	147	9.0	04909.8	-0722.8	237	9.0	12105.5	-0743.8
6333	9.6	235137.0	-0648.5	58	10.	01952.9	-0706.4	148	9.6	04940.0	-0743.6	238	10.	12147.5	-0759.3
6334	9.4	235141.8	-0600.9	59	10.	02020.3	-0734.1	149	0.	04958.3	-0708.0	239	8.1	12149.5	-0735.9
6335	7.0	235213.9	-0641.8	60	9.5	02103.7	-0748.8	150	0.	05024.5	-0730.1	240	8.7	12221.4	-0721.2
6336	10.	235219.6	-0656.4	61	10.	02122.1	-0717.5	151	9.7	05045.9	-0757.8	241	9.2	12237.9	-0726.3
6337	8.5	235234.7	-0618.1	62	10.	02132.8	-0742.1	152	9.8	05100.8	-0728.4	242	9.1	12239.8	-0724.7
6338	9.6	235247.0	-0639.6	63	8.7	02159.2	-0718.9	153	9.1	05111.1	-0745.9	243	9.3	12247.5	-0744.8
6339	9.9	235248.0	-0645.6	64	9.0	02214.6	-0737.9	154	9.7	05125.3	-0759.2	244	9.1	12250.1	-0716.6
6340	9.7	235316.5	-0648.9	65	9.4	02216.1	-0741.4	155	9.8	05133.9	-0726.6	245	9.8	12303.4	-0735.9
6341	8.0	235336.5	-0638.2	66	10.	02218.7	-0704.6	156	9.6	05147.4	-0744.5	246	7.8	12355.0	-0746.6
6342	8.0	235341.0	-0640.6	67	8.9	02300.4	-0703.9	157	9.4	05244.3	-0708.5	247	10.	12357.1	-0747.5
6343	9.5	235412.9	-0628.4	68	9.3	02308.0	-0720.2	158	9.4	05251.1	-0738.2	248	9.7	12404.8	-0737.0
6344	9.1	235423.8	-0619.0	69	9.7	02310.2	-0717.7	159	7.3	05414.5	-0734.5	249	9.7	12443.1	-0751.3
6345	5.0	235430.6	-0649.2	70	10.	02321.2	-0710.8	160	9.5	05429.3	-0705.8	250	7.6	12444.4	-0728.3
6346	8.3	235434.1	-0601.3	71	9.8	02400.0	-0726.8	161	9.8	05442.5	-0734.7	251	10.	12530.7	-0738.6
6347	9.7	235434.3	-0619.9	72	9.0	02425.7	-0737.8	162	9.5	05445.5	-0715.0	252	10.	12535.3	-0746.7
6348	8.7	235458.6	-0652.0	73	8.5	02434.4	-0707.2	163	9.4	05446.3	-0711.3	253	10.	12537.0	-0714.0
6349	10.	235546.8	-0613.1	74	9.9	02456.8	-0751.9	164	9.4	05451.7	-0751.9	254	9.0	12607.5	-0756.0
6350	10.	235548.5	-0635.2	75	8.9	02511.9	-0700.9	165	8.7	05506.0	-0728.8	255	9.8	12617.5	-0714.4
6351	9.0	235551.3	-0616.2	76	9.5	02539.6	-0746.4	166	9.6	05551.6	-0739.1	256	6.1	12625.2	-0745.7
6352	10.	235619.0	-0639.5	77	9.1	02556.6	-0711.8	167	9.1	05601.5	-0719.3	257	8.5	12659.4	-0701.0
6353	9.8	235629.3	-0601.2	78	9.9	02608.2	-0744.3	168	10.	05643.2	-0700.3	258	9.8	12720.3	-0716.6

-07 259 1h27m

-07 618 3h25m

259	9.1	12736.9	-0733.1	349	9.8	15650.2	-0746.4	439	9.5	22204.0	-0752.2	529	9.5	25128.7	-0708.0
260	9.5	12739.3	-0753.0	350	8.7	15659.0	-0734.9	440	9.0	22212.3	-0743.0	530	9.2	25149.5	-0720.3
261	9.5	12807.2	-0720.0	351	8.7	15659.2	-0714.5	441	9.4	22220.8	-0743.4	531	9.2	25150.8	-0723.9
262	9.3	12834.6	-0741.2	352	9.0	15706.9	-0708.6	442	9.7	22237.0	-0717.8	532	8.7	25222.7	-0711.7
263	9.6	12843.5	-0735.6	353	9.8	15738.4	-0711.1	443	9.7	22317.3	-0744.1	533	6.7	25228.2	-0745.5
264	9.5	12853.0	-0734.5	354	9.8	15748.3	-0706.4	444	9.1	22400.6	-0732.8	534	8.3	25329.2	-0708.9
265	8.7	12853.1	-0708.3	355	9.2	15821.1	-0740.5	445	9.4	22419.5	-0726.2	535	10.	25354.1	-0719.0
266	9.8	12909.2	-0741.0	356	8.8	15844.7	-0751.7	446	9.5	22420.3	-0728.3	536	9.5	25418.7	-0707.7
267	10.	13010.4	-0704.5	357	9.4	15845.7	-0747.0	447	8.3	22508.9	-0748.4	537	6.3	25459.2	-0703.4
268	7.8	13017.9	-0729.7	358	10.	15932.6	-0717.5	448	9.0	22519.4	-0723.2	538	9.2	25510.9	-0746.3
269	8.5	13053.8	-0723.6	359	9.2	15957.0	-0736.2	449	9.0	22601.1	-0730.7	539	9.7	25522.1	-0759.7
270	8.7	13056.1	-0739.0	360	10.	15957.1	-0740.2	450	9.8	22612.2	-0736.0	540	9.1	25527.6	-0734.9
271	9.8	13117.5	-0714.8	361	8.6	20000.4	-0754.6	451	9.5	22709.0	-0701.6	541	9.3	25617.0	-0751.6
272	9.0	13146.1	-0706.2	362	9.4	20001.3	-0700.8	452	9.4	22734.9	-0755.7	542	8.7	25619.8	-0742.5
273	9.5	13220.3	-0720.9	363	8.8	20014.9	-0703.2	453	9.5	22749.2	-0733.6	543	8.9	25715.0	-0725.8
274	10.	13241.4	-0714.2	364	9.8	20111.6	-0745.0	454	9.3	22756.5	-0723.1	544	10.	25757.3	-0722.9
275	9.0	13259.8	-0721.6	365	8.5	20112.5	-0709.2	455	10.	22756.8	-0705.8	545	9.9	25805.7	-0701.3
276	8.2	13332.2	-0720.6	366	6.8	20120.2	-0721.8	456	9.5	22835.7	-0719.3	546	8.0	25930.6	-0712.3
277	9.2	13344.4	-0727.6	367	9.8	20154.7	-0721.6	457	9.8	22853.7	-0716.3	547	9.0	25953.9	-0748.1
278	9.5	13349.4	-0756.8	368	9.9	20207.4	-0731.1	458	9.3	22942.7	-0729.1	548	9.3	30003.7	-0752.6
279	9.3	13350.1	-0748.2	369	9.8	20213.5	-0735.6	459	9.1	23024.8	-0716.0	549	9.9	30021.4	-0708.6
280	8.9	13410.0	-0731.9	370	10.	20217.3	-0755.2	460	9.4	23033.5	-0717.5	550	10.	30025.5	-0720.8
281	9.2	13429.1	-0703.1	371	9.4	20309.0	-0707.8	461	9.7	23039.7	-0714.4	551	9.4	30156.3	-0737.1
282	8.2	13508.5	-0729.0	372	8.5	20311.1	-0741.2	462	9.8	23049.6	-0749.0	552	9.2	30216.1	-0754.3
283	8.7	13606.9	-0749.1	373	9.9	20316.9	-0707.3	463	9.5	23108.9	-0741.2	553	9.8	30244.4	-0727.2
284	8.4	13607.7	-0748.2	374	9.8	20323.3	-0750.3	464	9.4	23132.2	-0735.8	554	9.1	30250.4	-0743.0
285	9.3	13617.9	-0726.7	375	9.8	20425.0	-0735.6	465	9.9	23154.4	-0704.9	555	9.8	30300.6	-0755.7
286	10.	13654.1	-0750.6	376	9.8	20526.5	-0748.0	466	9.3	23159.0	-0714.6	556	8.8	30331.3	-0736.6
287	7.0	13728.3	-0730.0	377	9.9	20544.2	-0743.1	467	9.5	23231.4	-0700.3	557	8.0	30333.5	-0704.4
288	8.3	13728.4	-0723.7	378	10.	20545.0	-0745.2	468	9.4	23330.2	-0729.8	558	8.5	30339.3	-0707.2
289	9.6	13812.3	-0755.8	379	9.4	20545.0	-0704.2	469	9.3	23332.7	-0735.7	559	9.4	30344.9	-0715.1
290	9.5	13832.9	-0726.3	380	9.5	20630.9	-0728.6	470	9.9	23429.8	-0728.8	560	9.1	30438.5	-0751.6
291	8.7	13849.4	-0710.3	381	8.5	20641.0	-0703.3	471	9.5	23505.4	-0757.1	561	8.7	30449.4	-0720.9
292	10.	13925.6	-0745.8	382	8.8	20651.7	-0756.2	472	9.0	23508.2	-0748.5	562	9.2	30458.3	-0703.4
293	9.4	13926.2	-0758.7	383	9.4	20653.6	-0714.5	473	8.2	23541.4	-0706.4	563	8.9	30531.6	-0725.0
294	9.4	14002.5	-0754.7	384	9.1	20657.5	-0730.6	474	7.6	23555.8	-0715.7	564	9.5	30624.4	-0709.7
295	9.4	14007.8	-0735.5	385	10.	20711.4	-0700.2	475	9.5	23610.0	-0744.3	565	9.4	30628.3	-0701.0
296	9.0	14022.4	-0725.0	386	9.8	20729.9	-0700.2	476	9.4	23611.6	-0748.7	566	9.4	30629.8	-0701.6
297	10.	14101.1	-0733.1	387	8.2	20742.4	-0719.7	477	9.7	23636.4	-0759.4	567	9.8	30633.6	-0753.9
298	9.8	14109.9	-0747.1	388	9.6	20748.5	-0727.2	478	9.2	23636.9	-0727.8	568	10.	30643.7	-0727.0
299	9.5	14113.1	-0755.4	389	8.5	20809.4	-0747.8	479	8.5	23642.1	-0748.8	569	7.2	30646.1	-0711.8
300	9.1	14113.7	-0724.9	390	9.4	20838.2	-0738.5	480	9.8	23648.9	-0709.0	570	9.4	30647.6	-0749.1
301	9.5	14142.7	-0712.1	391	9.9	20910.0	-0759.6	481	8.1	23658.1	-0701.8	571	8.2	30720.0	-0743.1
302	9.6	14145.2	-0759.1	392	7.5	20944.3	-0715.2	482	9.5	23731.0	-0721.3	572	10.	30724.3	-0735.0
303	9.1	14156.4	-0750.4	393	5.5	20945.1	-0705.2	483	9.5	23827.2	-0726.6	573	9.9	30725.1	-0750.6
304	9.3	14200.8	-0745.5	394	9.5	21033.6	-0736.5	484	9.2	23834.8	-0756.2	574	7.3	30733.3	-0714.9
305	9.4	14227.7	-0702.7	395	9.2	21042.1	-0758.1	485	9.4	23840.4	-0713.3	575	9.1	30745.8	-0733.9
306	8.5	14240.6	-0726.1	396	9.5	21054.9	-0710.3	486	9.0	23853.7	-0725.8	576	9.3	30831.5	-0714.1
307	7.4	14258.5	-0725.2	397	8.5	21111.7	-0717.0	487	9.1	23857.5	-0758.1	577	9.1	30930.2	-0752.0
308	9.7	14330.8	-0725.7	398	9.7	21120.6	-0713.4	488	9.7	23923.8	-0758.0	578	9.3	31053.3	-0728.9
309	8.7	14337.6	-0751.4	399	9.1	21131.6	-0711.2	489	7.9	23924.6	-0718.7	579	9.6	31129.8	-0748.7
310	6.8	14423.2	-0735.2	400	8.8	21154.1	-0731.4	490	8.7	23933.9	-0736.3	580	9.2	31149.1	-0732.8
311	9.8	14459.8	-0709.2	401	10.	21158.5	-0701.0	491	9.2	23935.7	-0726.5	581	9.5	31203.2	-0726.2
312	9.5	14512.9	-0717.9	402	9.1	21210.3	-0744.1	492	9.8	23943.8	-0706.0	582	9.1	31225.4	-0746.0
313	10.	14514.7	-0730.0	403	9.4	21212.9	-0750.2	493	9.1	23952.1	-0705.1	583	9.0	31311.6	-0757.5
314	9.5	14528.5	-0748.5	404	9.6	21245.4	-0722.7	494	9.5	24014.6	-0716.7	584	9.6	31326.7	-0747.1
315	9.5	14553.1	-0700.3	405	9.5	21307.8	-0717.7	495	9.4	24020.9	-0735.8	585	9.2	31416.1	-0716.5
316	9.5	14605.4	-0712.8	406	9.1	21308.5	-0714.6	496	10.	24033.1	-0758.8	586	9.8	31450.2	-0721.3
317	9.6	14653.6	-0725.8	407	8.0	21318.6	-0702.5	497	10.	24132.5	-0749.0	587	9.4	31508.5	-0739.8
318	8.3	14728.0	-0744.1	408	9.1	21333.8	-0757.7	498	10.	24135.6	-0747.9	588	9.1	31527.0	-0739.0
319	7.9	14732.4	-0718.6	409	10.	21402.6	-0713.3	499	9.6	24155.3	-0759.2	589	9.2	31549.4	-0735.7
320	9.8	14740.0	-0714.0	410	9.0	21430.1	-0732.6	500	9.5	24204.4	-0733.7	590	8.5	31639.5	-0746.0
321	9.8	14743.1	-0747.9	411	8.5	21433.8	-0718.5	501	9.3	24205.4	-0746.4	591	9.0	31640.2	-0743.1
322	9.5	14822.8	-0700.4	412	9.6	21434.0	-0708.5	502	8.9	24216.8	-0745.0	592	9.4	31700.7	-0755.9
323	9.0	14835.6	-0710.4	413	9.5	21538.5	-0728.4	503	9.7	24244.8	-0756.5	593	8.7	31702.1	-0713.2
324	9.4	14918.0	-0750.0	414	9.1	21542.4	-0716.1	504	9.5	24301.1	-0743.0	594	9.1	31717.3	-0752.4
325	9.5	14927.6	-0726.8	415	9.8	21549.7	-0749.5	505	7.5	24310.9	-0724.5	595	9.8	31733.6	-0713.7
326	9.5	14928.5	-0729.2	416	10.	21551.6	-0708.8	506	8.5	24311.2	-0722.0	596	8.0	31803.8	-0714.7
327	9.2	14945.9	-0740.7	417	9.8	21616.7	-0716.8	507	9.6	24348.2	-0720.8	597	9.1	31824.1	-0712.3
328	9.0	14952.6	-0726.6	418	9.5	21649.1	-0704.5	508	9.1	24349.0	-0702.8	598	8.6	31850.6	-0738.1
329	9.8	15010.3	-0734.7	419	8.7	21701.2	-0726.7	509	9.0	24408.6	-0749.8	599	9.8	31903.0	-0706.0
330	7.7	15016.2	-0731.9	420	9.5	21701.5	-0705.8	510	8.7	24428.6	-0713.8	600	9.6	31957.4	-0758.5
331	9.8	15038.1	-0706.0	421	9.5	21712.3	-0741.3	511	9.9	24500.8	-0714.4	601	8.9	32021.9	-0728.9
332	9.4	15039.1	-0729.8	422	9.8	21714.3	-0733.8	512	9.1	24545.6	-0756.5	602	9.1	32036.5	-0735.3
333	9.0	15108.1	-0750.2	423	9.0	21715.0	-0722.9	513	9.3	24609.0	-0715.6	603	8.2	32111.0	-0701.6
334	7.0	15113.5	-0746.8	424	9.5	21730.4	-0759.2	514	9.8	24659.5	-0702.5	604	9.2	32114.1	-0718.2
335	10.	15119.9	-0739.1	425	9.3	21753.7	-0731.3	515	9.1	24711.6	-0739.8	605	9.8	32222.4	-0738.4
336	9.3	15141.8	-0732.5	426	10.	21817.6	-0741.6	516	10.	24750.7	-0733.1	606	6.2	32232.9	-0718.3
337	8.3	15217.8	-0704.8	427	10.	21842.0	-0715.0	517	9.5	24753.8	-0735.6	607	8.6	32251.2	-0729.4
338	9.1	15237.6	-0749.4	428	9.5	21846.5	-0737.4	518	8.8	24816.3	-0725.0	608	9.3	32259.6	-0755.0
339	8.3	15241.5	-0743.2	429	8.5	21928.6	-0738.2	519	8.8	24832.3	-0713.0	609	9.8	32301.3	-0708.9
340	9.4	15242.8	-0735.1	430	9.7	21932.5	-0759.5	520	9.5	24918.7	-0756.6	610	8.9	32301.6	-0712.4
341	9.8	15314.9	-0736.2	431	8.5	21935.2	-0705.2	521	9.2	24925.0	-0748.6	611	9.5	32321.5	-0746.8
342	10.	15356.9	-0719.0	432	6.8	22027.0	-0734.6	522	9.3	24935.3	-0714.2	612	10.	32330.3	-0754.6
343	8.3	15412.4	-0714.7	433	9.8	22032.9	-0714.7	523	9.6	25005.9	-0755.4	613	9.4	32331.9	-0717.9
344	9.6	15415.7	-0754.0	434	9.7	22033.6	-0736.4	524	10.	25047.3	-0720.0	614	9.3	32337.6	-0712.8
345	9.6	15458.6	-0757.8	435	9.0	22048.6	-0751.2	525	10.	25055.6	-0759.5	615	9.5	32422.0	-0741.8
346	9.8	15518.4	-0754.3	436	9.3	22125.7	-0742.6	526	9.1	25056.5	-0740.4	616	9.4	32433.7	-0715.9
347	8.5	15529.7	-0722.4	437	9.1	22132.8	-0748.0	527	9.4	25110.3	-0718.4	617	8.8	32456.3	-0718.8
348	9.8	15631.5	-0742.7	438	9.8	22157.3	-0710.0	528	9.4	25115.5	-0739.8	618	7.3	32511.0	-0734.7

-07 619 3h25m

-07 978 4h59m

619	9.2	32512.3	-0734.7	709	8.2	35005.1	-0735.0	799	9.1	41348.2	-0754.4	889	9.3	43742.5	-0743.0
620	9.9	32521.7	-0728.2	710	8.5	35033.9	-0725.1	800	9.0	41348.5	-0722.9	890	9.7	43815.9	-0727.1
621	9.8	32531.8	-0735.8	711	9.2	35037.3	-0740.1	801	9.1	41431.7	-0728.0	891	9.5	43821.6	-0743.9
622	8.7	32547.6	-0749.9	712	8.7	35051.2	-0732.5	802	9.7	41512.4	-0707.5	892	9.1	43848.7	-0751.1
623	9.3	32612.1	-0745.8	713	8.5	35106.4	-0721.6	803	8.9	41530.2	-0753.1	893	8.0	43857.5	-0715.6
624	7.7	32633.5	-0754.1	714	9.5	35151.2	-0706.0	804	9.2	41549.3	-0732.0	894	9.6	43923.0	-0751.5
625	8.2	32636.3	-0755.3	715	9.5	35208.4	-0745.0	805	9.8	41606.2	-0754.4	895	9.5	44025.7	-0702.2
626	9.7	32709.7	-0713.8	716	9.9	35227.2	-0714.8	806	9.4	41631.3	-0734.1	896	9.4	44054.1	-0746.0
627	7.8	32709.9	-0700.1	717	9.4	35255.2	-0758.1	807	9.1	41709.1	-0718.8	897	9.8	44100.5	-0704.6
628	9.4	32712.4	-0738.3	718	9.8	35304.3	-0719.4	808	10.	41742.8	-0732.5	898	9.8	44103.2	-0759.5
629	8.5	32734.7	-0751.8	719	9.5	35318.1	-0754.0	809	9.3	41811.7	-0724.3	899	8.3	44106.9	-0715.8
630	9.4	32740.7	-0739.5	720	9.6	35339.2	-0746.1	810	10.	41841.1	-0722.2	900	9.7	44108.0	-0714.1
631	8.7	32832.4	-0708.8	721	10.	35354.6	-0750.8	811	9.5	41901.0	-0711.3	901	9.5	44113.2	-0712.8
632	9.4	32842.7	-0749.7	722	9.3	35455.2	-0708.5	812	9.5	41927.5	-0741.4	902	8.9	44117.4	-0729.8
633	9.1	32901.0	-0738.6	723	9.4	35513.3	-0743.8	813	7.5	41942.7	-0712.1	903	8.5	44134.2	-0754.6
634	9.3	32908.7	-0726.5	724	8.6	35518.4	-0724.8	814	8.8	41950.6	-0755.3	904	10.	44153.1	-0727.7
635	9.8	32918.2	-0707.2	725	10.	35526.6	-0702.4	815	9.9	42008.5	-0708.0	905	8.0	44154.7	-0722.0
636	9.3	32928.2	-0713.3	726	9.5	35533.8	-0709.7	816	9.6	42028.1	-0741.9	906	9.0	44215.5	-0732.0
637	9.1	32934.5	-0705.8	727	9.8	35534.3	-0708.4	817	9.5	42111.0	-0738.0	907	9.0	44217.6	-0737.8
638	9.1	32940.9	-0736.5	728	8.2	35615.6	-0719.1	819	8.5	42120.1	-0714.8	908	9.8	44247.2	-0745.4
639	9.8	32956.1	-0722.9	729	9.2	35641.9	-0722.5	819	9.8	42129.6	-0745.4	909	9.6	44303.6	-0742.5
640	9.5	33028.7	-0728.1	730	9.1	35655.9	-0745.9	820	8.2	42130.2	-0752.7	910	9.9	44304.4	-0731.7
641	9.2	33034.9	-0728.3	731	8.4	35716.1	-0755.8	821	9.6	42132.5	-0748.6	911	9.1	44334.8	-0711.1
642	9.0	33049.7	-0727.4	732	9.2	35717.2	-0704.8	822	9.5	42141.4	-0711.3	912	9.5	44402.0	-0721.1
643	9.3	33055.7	-0727.6	733	9.7	35725.7	-0724.1	823	9.0	42151.2	-0724.8	913	9.5	44418.9	-0745.2
644	7.7	33106.1	-0757.6	734	8.5	35732.3	-0709.1	824	9.9	42154.5	-0704.6	914	9.5	44432.3	-0755.1
645	9.6	33110.4	-0717.5	735	9.5	35801.9	-0719.9	825	9.0	42202.4	-0732.1	915	8.8	44455.0	-0704.5
646	9.8	33117.3	-0731.3	736	9.7	35802.5	-0759.8	826	9.0	42302.0	-0739.6	916	10.	44514.9	-0733.9
647	6.0	33125.5	-0751.6	737	8.5	35807.6	-0750.2	827	9.3	42337.2	-0725.0	917	7.5	44531.4	-0757.2
648	9.3	33130.1	-0714.3	738	8.0	35827.9	-0759.9	828	9.0	42341.4	-0700.7	918	9.8	44538.3	-0704.1
649	9.4	33139.4	-0702.3	739	9.0	35830.0	-0724.8	829	8.3	42343.3	-0733.5	919	8.3	44545.2	-0754.1
650	9.5	33205.8	-0705.2	740	9.4	35836.7	-0721.5	830	9.6	42402.1	-0745.4	920	8.5	44606.9	-0756.1
651	9.5	33207.1	-0718.6	741	9.5	35838.0	-0705.9	831	9.4	42432.2	-0757.6	921	8.5	44703.7	-0720.4
652	9.5	33219.8	-0758.1	742	9.4	35905.5	-0756.1	832	9.0	42432.5	-0720.5	922	9.6	44712.8	-0751.4
653	9.1	33224.1	-0731.4	743	10.	35905.9	-0741.0	833	9.5	42533.4	-0723.6	923	9.3	44715.9	-0756.5
654	7.0	33241.1	-0715.1	744	9.2	35937.4	-0740.0	834	9.1	42550.3	-0704.7	924	9.3	44726.1	-0740.1
655	9.0	33354.7	-0710.2	745	10.	40021.8	-0738.0	835	9.8	42552.4	-0749.5	925	9.5	44750.7	-0755.2
656	9.3	33423.7	-0701.1	746	8.6	40023.2	-0720.8	836	9.2	42610.0	-0742.4	926	9.5	44756.1	-0706.7
657	9.6	33441.8	-0727.3	747	9.1	40031.2	-0727.5	837	7.2	42628.6	-0717.9	927	9.8	44758.6	-0741.7
658	8.5	33502.6	-0742.5	748	10.	40046.5	-0701.3	838	5.8	42650.9	-0702.4	928	10.	44806.8	-0712.2
659	9.8	33512.3	-0729.5	749	9.7	40108.3	-0756.5	839	9.8	42700.4	-0713.0	929	9.0	44814.2	-0742.1
660	9.8	33515.4	-0740.1	750	9.7	40117.9	-0750.5	840	9.3	42705.5	-0741.4	930	9.8	44838.4	-0756.1
661	9.5	33518.9	-0719.3	751	9.9	40121.8	-0703.9	841	6.5	42711.2	-0708.5	931	9.5	44842.9	-0727.2
662	9.4	33524.9	-0717.3	752	9.0	40127.5	-0751.8	842	9.8	42721.2	-0727.8	932	9.5	44852.0	-0731.3
663	9.1	33604.5	-0757.7	753	9.5	40152.2	-0757.5	843	10.	42725.3	-0757.7	933	9.1	44853.9	-0728.9
664	9.5	33643.2	-0724.5	754	9.0	40218.4	-0743.7	844	9.5	42751.1	-0711.8	934	9.1	44854.1	-0709.1
665	9.5	33652.7	-0719.8	755	10.	40223.5	-0750.3	845	8.3	42754.1	-0717.5	935	9.1	44905.7	-0744.5
666	9.5	33706.8	-0723.5	756	9.5	40243.8	-0720.7	846	9.8	42757.6	-0724.4	936	8.9	44922.6	-0715.3
667	10.	33710.6	-0723.4	757	9.1	40312.2	-0714.4	847	9.0	42804.8	-0735.9	937	9.8	45000.4	-0732.8
668	9.4	33721.3	-0722.6	758	6.1	40318.5	-0718.2	848	10.	42848.4	-0713.9	938	9.0	45009.6	-0705.5
669	9.5	33739.8	-0750.1	759	9.4	40330.0	-0721.6	849	9.4	42901.0	-0702.1	939	9.8	45116.3	-0745.0
670	9.6	33745.9	-0718.5	760	9.6	40347.7	-0757.9	850	9.6	42925.7	-0754.5	940	9.8	45126.6	-0755.5
671	9.6	33747.6	-0721.0	761	9.0	40348.6	-0734.7	851	9.5	42930.1	-0755.0	941	9.1	45207.2	-0717.2
672	9.3	33810.7	-0741.5	762	9.5	40421.4	-0707.2	852	9.6	42935.8	-0755.1	942	9.5	45247.3	-0741.9
673	10.	33817.0	-0733.7	763	9.0	40429.1	-0720.9	853	9.8	42941.3	-0731.6	943	9.5	45254.7	-0703.5
674	9.1	33818.2	-0741.7	764	4.4	40446.8	-0712.7	854	9.1	43007.2	-0756.1	944	9.5	45319.4	-0718.0
675	9.8	33852.5	-0755.7	765	9.0	40455.8	-0700.7	855	9.7	43025.2	-0706.5	945	9.7	45334.3	-0710.5
676	9.1	33918.4	-0725.1	766	9.8	40458.3	-0704.7	856	10.	43047.7	-0704.1	946	9.5	45337.7	-0754.1
677	9.5	33924.0	-0709.9	767	9.8	40516.1	-0716.0	857	9.5	43052.0	-0754.0	947	9.0	45343.8	-0744.9
678	9.5	33925.8	-0711.7	768	8.9	40536.5	-0712.4	858	9.8	43107.5	-0719.5	948	4.9	45425.2	-0723.3
679	9.6	33941.8	-0748.4	769	9.8	40600.7	-0700.4	859	9.5	43109.2	-0743.6	949	9.0	45438.3	-0722.9
680	9.5	34001.0	-0753.5	770	9.4	40621.2	-0700.2	860	10.	43126.9	-0704.1	950	9.4	45439.2	-0718.3
681	8.0	34044.5	-0728.5	771	9.5	40652.5	-0756.8	861	8.7	43138.8	-0748.6	951	8.6	45447.6	-0735.7
682	8.4	34108.9	-0702.5	772	9.8	40710.2	-0733.8	862	9.3	43146.0	-0711.0	952	9.5	45447.6	-0755.2
683	9.5	34125.4	-0737.5	773	8.5	40720.6	-0720.3	863	9.0	43152.6	-0714.6	953	9.3	45450.5	-0725.4
684	8.0	34133.9	-0715.8	774	9.2	40735.4	-0742.9	864	8.7	43153.7	-0741.1	954	9.4	45453.5	-0719.1
685	7.0	34142.8	-0727.5	775	9.1	40742.2	-0735.3	865	10.	43217.5	-0742.8	955	9.1	45457.5	-0720.5
686	9.7	34159.6	-0759.7	776	8.9	40746.2	-0733.0	866	9.7	43217.9	-0725.4	956	9.5	45537.9	-0703.0
687	8.7	34247.3	-0758.0	777	9.5	40748.3	-0700.5	867	9.1	43229.6	-0711.6	957	9.2	45542.5	-0715.0
688	9.5	34325.7	-0721.4	778	9.3	40754.2	-0731.7	868	9.6	43243.0	-0706.2	958	9.6	45555.2	-0721.7
689	9.5	34337.5	-0730.8	779	9.0	40815.5	-0735.7	869	8.5	43254.7	-0729.8	959	9.5	45610.0	-0705.8
690	9.8	34356.5	-0732.3	780	4.7	40832.6	-0753.8	870	9.5	43300.8	-0734.7	960	9.8	45613.1	-0710.9
691	9.7	34406.2	-0712.0	781	9.1	40838.6	-0754.2	871	9.6	43302.0	-0754.4	961	8.5	45614.4	-0730.3
692	9.6	34408.6	-0703.2	782	9.8	40901.5	-0732.7	872	10.	43306.1	-0722.5	962	9.6	45641.1	-0711.2
693	9.1	34444.0	-0706.5	783	9.8	40901.6	-0740.3	873	9.4	43309.1	-0715.4	963	9.5	45733.2	-0731.8
694	10.	34530.9	-0738.5	784	9.3	40915.5	-0713.1	874	9.4	43347.7	-0712.6	964	9.2	45737.9	-0720.0
695	6.6	34602.5	-0703.7	785	8.1	40928.9	-0705.2	875	9.0	43354.7	-0753.6	965	9.5	45748.6	-0712.0
696	9.7	34607.3	-0754.9	786	9.5	40935.9	-0740.0	876	7.5	43400.9	-0701.5	966	9.5	45755.3	-0741.7
697	9.3	34607.7	-0723.6	787	9.4	40936.3	-0739.0	877	9.5	43508.5	-0754.4	967	9.8	45813.1	-0740.5
698	9.0	34718.4	-0715.0	788	9.2	41010.9	-0745.5	878	9.8	43532.8	-0720.8	968	9.8	45821.7	-0714.9
699	9.2	34731.0	-0716.6	789	9.5	41032.4	-0738.8	879	9.8	43533.7	-0711.1	969	9.5	45830.3	-0716.4
700	9.5	34747.8	-0715.8	790	9.8	41041.2	-0756.1	880	9.3	43550.4	-0736.4	970	8.4	45844.8	-0700.3
701	9.6	34755.3	-0732.8	791	9.2	41104.7	-0709.1	881	9.5	43554.8	-0755.8	971	9.4	45851.0	-0735.8
702	9.9	34800.9	-0732.9	792	8.2	41201.4	-0746.8	882	8.5	43606.0	-0741.0	972	9.0	45902.3	-0703.2
703	9.2	34808.2	-0701.0	793	10.	41216.9	-0704.0	883	9.0	43609.1	-0725.2	973	9.5	45906.0	-0734.9
704	9.7	34809.0	-0749.3	794	9.5	41238.4	-0705.1	884	9.0	43612.1	-0700.8	974	8.5	45923.3	-0755.9
705	9.4	34841.1	-0720.2	795	9.2	41304.9	-0722.4	885	10.	43622.2	-0728.8	975	9.5	45928.4	-0705.0
706	8.3	34850.3	-0742.5	796	10.	41315.1	-0725.0	886	8.9	43649.5	-0718.9	976	9.3	45944.4	-0705.0
707	8.7	34907.7	-0722.0	797	9.3	41322.5	-0745.0	887	9.8	43706.0	-0740.7	977	9.5	45952.8	-0701.4
708	8.7	34942.0	-0713.4	798	6.3	41341.4	-0756.2	888	9.0	43736.3	-0741.0	978	9.5	45955.0	-0735.3

C-2

979	10.	50013.4	-0706.3	1069	9.4	51809.3	-0744.6	1159	9.4	53637.4	-0738.7	1249	8.5	55336.0	-0749.4
980	10.	50034.8	-0702.3	1070	9.2	51817.0	-0728.5	1160	9.0	53718.8	-0733.4	1250	9.5	55344.8	-0749.4
981	9.5	50034.9	-0730.9	1071	8.0	51819.4	-0749.9	1161	9.0	53725.1	-0724.4	1251	9.1	55345.5	-0712.1
982	9.5	50044.2	-0743.4	1072	10.	51846.0	-0730.3	1162	8.0	53733.6	-0749.0	1252	9.3	55402.4	-0732.9
983	9.5	50045.9	-0730.9	1073	10.	51848.1	-0736.1	1163	10.	53822.4	-0737.7	1253	9.0	55421.9	-0707.4
984	9.5	50052.9	-0727.8	1074	9.5	51849.4	-0746.8	1164	9.5	53829.4	-0754.7	1254	9.0	55424.7	-0745.7
985	7.5	50155.7	-0721.9	1075	8.5	51857.5	-0705.7	1165	9.5	53851.9	-0715.4	1255	9.5	55454.4	-0757.7
986	9.0	50203.3	-0755.9	1076	9.0	51922.9	-0724.9	1166	9.0	53903.8	-0708.7	1256	8.7	55500.9	-0755.0
987	9.2	50228.9	-0749.1	1077	9.5	51924.0	-0752.6	1167	7.8	53930.6	-0700.7	1257	7.0	55510.1	-0717.6
988	10.	50234.5	-0749.4	1078	9.2	51926.8	-0708.5	1168	9.5	53943.0	-0717.2	1258	9.7	55545.5	-0759.2
989	8.7	50300.7	-0715.2	1079	9.1	51959.3	-0756.3	1169	9.5	53956.6	-0700.7	1259	9.3	55552.3	-0753.4
990	9.5	50313.8	-0740.1	1080	9.5	52005.0	-0724.5	1170	9.0	54005.8	-0754.3	1260	9.4	55608.7	-0701.1
991	9.0	50318.1	-0711.1	1081	9.0	52027.6	-0703.5	1171	10.	54034.9	-0730.9	1261	9.0	55610.7	-0747.9
992	9.4	50321.4	-0721.2	1082	9.5	52030.8	-0714.7	1172	8.5	54041.2	-0726.6	1262	9.0	55612.7	-0701.9
993	8.2	50321.9	-0746.5	1083	9.0	52035.0	-0700.8	1173	9.0	54124.9	-0714.4	1263	9.5	55613.4	-0732.3
994	10.	50343.4	-0720.0	1084	8.7	52048.1	-0729.4	1174	9.5	54127.5	-0720.6	1264	9.0	55616.3	-0749.3
995	9.5	50347.9	-0720.1	1085	9.5	52049.0	-0747.0	1175	9.5	54148.5	-0743.4	1265	9.5	55620.2	-0709.3
996	9.5	50405.0	-0728.1	1086	9.0	52058.5	-0747.5	1176	10.	54155.2	-0726.5	1266	9.5	55633.2	-0724.7
997	8.5	50437.1	-0759.8	1087	9.5	52120.5	-0746.3	1177	9.2	54203.9	-0758.7	1267	9.5	55642.5	-0738.1
998	9.5	50457.6	-0736.0	1088	8.6	52138.1	-0751.2	1178	9.4	54204.9	-0759.5	1268	9.2	55700.4	-0733.6
999	9.5	50458.6	-0731.0	1089	8.5	52205.6	-0754.3	1179	9.5	54212.0	-0705.9	1269	9.5	55715.5	-0726.9
1000	9.5	50521.5	-0704.3	1090	9.5	52208.6	-0703.4	1180	9.4	54214.5	-0758.9	1270	9.0	55731.7	-0748.4
1001	9.5	50536.5	-0707.9	1091	9.0	52220.4	-0741.8	1181	9.5	54228.0	-0749.1	1271	9.2	55739.5	-0736.3
1002	9.7	50542.9	-0727.1	1092	6.8	52225.0	-0723.5	1182	8.5	54228.5	-0702.3	1272	9.5	55746.5	-0735.3
1003	9.5	50604.4	-0703.4	1093	9.0	52241.4	-0741.4	1183	9.5	54259.5	-0744.3	1273	9.0	55749.5	-0742.5
1004	9.5	50622.7	-0714.6	1094	9.6	52243.9	-0721.6	1184	9.3	54337.2	-0726.4	1274	8.5	55802.4	-0756.8
1005	9.0	50630.0	-0730.7	1095	9.5	52249.0	-0713.0	1185	9.5	54348.6	-0701.0	1275	8.5	55803.4	-0731.3
1006	9.0	50632.6	-0711.0	1096	9.0	52249.5	-0745.8	1186	9.2	54420.0	-0719.8	1276	9.5	55818.0	-0712.6
1007	9.3	50642.7	-0716.8	1097	9.5	52300.9	-0721.2	1187	6.0	54422.3	-0734.0	1277	9.5	55847.2	-0724.2
1008	10.	50720.2	-0739.6	1098	9.5	52311.2	-0713.0	1188	9.3	54429.3	-0732.2	1278	8.0	55904.1	-0718.4
1009	8.0	50727.0	-0727.4	1099	6.0	52320.2	-0733.8	1189	9.5	54442.0	-0731.7	1279	7.2	55906.5	-0737.1
1010	8.5	50728.0	-0751.7	1100	9.5	52324.0	-0706.5	1190	8.3	54444.4	-0758.1	1280	8.5	55908.3	-0705.0
1011	9.5	50737.2	-0737.4	1101	9.3	52350.0	-0726.2	1191	9.3	54449.3	-0731.3	1281	9.7	55908.5	-0735.1
1012	7.0	50739.7	-0715.1	1102	9.8	52429.8	-0758.0	1192	8.0	54456.0	-0720.5	1282	9.4	55914.2	-0729.8
1013	8.5	50754.5	-0752.0	1103	7.5	52439.7	-0710.0	1193	9.3	54514.6	-0746.4	1283	9.5	55940.8	-0737.8
1014	9.2	50759.7	-0715.4	1104	9.5	52451.2	-0735.9	1194	8.7	54520.1	-0725.0	1284	9.8	55949.0	-0728.5
1015	9.5	50803.4	-0745.7	1105	8.8	52451.8	-0749.8	1195	9.4	54551.2	-0739.1	1285	9.2	55958.8	-0752.8
1016	8.7	50834.5	-0706.5	1106	5.0	52455.0	-0724.9	1196	9.5	54557.2	-0730.4	1286	9.8	60003.5	-0755.0
1017	9.4	50839.6	-0712.0	1107	9.0	52458.7	-0756.3	1197	9.5	54557.7	-0727.7	1287	9.3	60019.0	-0714.8
1018	8.5	50905.6	-0735.9	1108	9.4	52501.0	-0722.0	1198	9.5	54601.2	-0725.0	1288	9.2	60020.8	-0704.5
1019	9.4	50921.0	-0706.0	1109	9.5	52512.2	-0751.9	1199	9.6	54601.5	-0753.9	1289	9.5	60033.8	-0705.0
1020	9.0	50927.0	-0729.2	1110	9.5	52526.9	-0719.8	1200	9.7	54610.4	-0752.7	1290	9.1	60040.8	-0751.4
1021	8.0	50933.3	-0722.1	1111	9.5	52532.5	-0747.9	1201	10.	54611.1	-0742.9	1291	8.5	60042.9	-0709.0
1022	9.0	50940.4	-0747.5	1112	9.5	52534.9	-0718.9	1202	9.7	54612.5	-0755.0	1292	9.0	60049.9	-0720.2
1023	9.4	50952.1	-0756.0	1113	9.5	52539.7	-0739.1	1203	9.5	54616.4	-0711.6	1293	9.5	60058.9	-0755.4
1024	8.0	50954.5	-0706.5	1114	9.0	52546.5	-0734.8	1204	9.3	54619.5	-0719.8	1294	9.5	60110.0	-0756.6
1025	9.4	51000.7	-0737.5	1115	8.5	52616.4	-0741.7	1205	9.5	54635.0	-0726.8	1295	9.3	60110.1	-0720.9
1026	9.5	51010.3	-0758.8	1116	9.5	52645.2	-0745.9	1206	9.8	54646.1	-0743.4	1296	9.5	60114.0	-0735.3
1027	9.5	51022.0	-0730.6	1117	9.4	52647.1	-0730.1	1207	9.8	54647.2	-0757.0	1297	9.3	60133.0	-0715.6
1028	4.0	51034.4	-0700.2	1118	9.6	52648.8	-0742.0	1208	9.0	54650.3	-0703.5	1298	9.2	60142.1	-0718.3
1029	9.5	51038.1	-0733.7	1119	6.8	52700.0	-0707.8	1209	9.5	54711.1	-0725.0	1299	6.8	60147.4	-0755.7
1030	8.5	51045.3	-0744.4	1120	9.5	52704.0	-0755.0	1210	9.0	54745.2	-0725.0	1300	9.5	60200.5	-0744.6
1031	9.5	51053.8	-0718.1	1121	9.5	52715.1	-0723.3	1211	9.0	54749.3	-0733.0	1301	9.7	60240.9	-0755.8
1032	9.5	51121.3	-0744.3	1122	9.0	52724.1	-0720.6	1212	9.2	54755.2	-0727.6	1302	9.3	60251.9	-0710.7
1033	8.0	51139.5	-0753.7	1123	9.5	52738.3	-0730.0	1213	9.2	54757.6	-0702.1	1303	9.5	60255.2	-0723.6
1034	9.5	51143.7	-0704.1	1124	6.8	52744.9	-0717.9	1214	9.5	54803.8	-0709.7	1304	9.5	60302.3	-0737.4
1035	9.6	51217.8	-0703.4	1125	9.4	52754.7	-0747.7	1215	9.5	54805.8	-0711.1	1305	8.5	60309.3	-0704.9
1036	8.0	51220.0	-0730.4	1126	9.7	52802.7	-0740.8	1216	9.8	54808.5	-0755.2	1306	9.0	60309.6	-0742.4
1037	9.5	51224.0	-0754.2	1127	10.	52808.7	-0716.5	1217	9.3	54810.3	-0748.1	1307	9.5	60330.6	-0741.9
1038	9.5	51224.8	-0756.7	1128	9.8	52817.1	-0714.9	1218	9.7	54820.7	-0743.9	1308	8.5	60336.9	-0708.0
1039	9.5	51240.2	-0740.8	1129	10.	52834.6	-0700.6	1219	9.4	54825.8	-0747.5	1309	9.8	60351.5	-0735.2
1040	9.1	51243.4	-0749.7	1130	9.0	52839.6	-0730.0	1220	7.8	54835.5	-0741.5	1310	9.5	60355.9	-0721.1
1041	8.4	51248.5	-0704.6	1131	7.0	52906.1	-0730.0	1221	8.3	54838.2	-0729.4	1311	9.5	60357.8	-0757.7
1042	8.5	51249.2	-0716.2	1132	8.5	52944.7	-0711.2	1222	8.3	54847.5	-0740.6	1312	9.5	60358.8	-0748.8
1043	8.5	51310.7	-0715.3	1133	9.3	52945.1	-0758.7	1223	9.3	54848.1	-0745.9	1313	7.0	60401.2	-0715.6
1044	9.0	51311.4	-0722.4	1134	9.0	52945.6	-0727.3	1224	9.4	54903.2	-0728.9	1314	10.	60404.5	-0725.9
1045	9.5	51321.3	-0735.8	1135	9.5	52957.7	-0709.4	1225	9.5	54912.3	-0731.6	1315	7.8	60410.7	-0740.4
1046	9.1	51322.0	-0750.0	1136	9.5	53005.2	-0733.6	1226	9.5	54914.8	-0734.7	1316	9.8	60420.0	-0712.8
1047	9.0	51327.6	-0711.3	1137	9.3	53017.8	-0716.6	1227	9.0	54935.4	-0739.7	1317	9.4	60420.8	-0720.2
1048	9.5	51355.9	-0727.0	1138	9.3	53056.1	-0729.5	1228	9.0	54939.4	-0757.5	1318	8.0	60423.1	-0713.2
1049	8.0	51414.2	-0737.6	1139	9.0	53107.6	-0750.4	1229	9.7	54951.8	-0702.8	1319	9.4	60424.4	-0720.9
1050	9.4	51419.4	-0701.9	1140	9.5	53128.5	-0749.5	1230	9.5	55013.9	-0757.4	1320	9.5	60504.9	-0724.5
1051	8.7	51445.4	-0748.4	1141	8.5	53133.1	-0729.0	1231	9.3	55014.0	-0718.7	1321	8.2	60517.8	-0717.8
1052	8.5	51508.1	-0736.1	1142	5.0	53151.9	-0718.3	1232	8.0	55045.5	-0741.0	1322	8.7	60525.6	-0726.6
1053	9.5	51512.0	-0750.2	1143	9.5	53221.4	-0741.5	1233	9.8	55050.4	-0757.9	1323	9.8	60538.4	-0759.7
1054	8.0	51535.3	-0744.6	1144	9.3	53222.1	-0728.6	1234	8.5	55051.1	-0723.6	1324	9.5	60539.6	-0705.7
1055	10.	51601.0	-0749.7	1145	9.5	53232.1	-0738.4	1235	9.6	55054.0	-0716.6	1325	8.2	60550.7	-0716.0
1056	9.5	51610.2	-0759.7	1146	9.5	53258.4	-0742.8	1236	9.5	55120.5	-0747.1	1326	9.5	60552.1	-0757.3
1057	9.5	51612.6	-0709.8	1147	9.5	53305.9	-0719.5	1237	9.2	55125.4	-0707.0	1327	8.5	60608.8	-0725.0
1058	9.2	51616.8	-0722.3	1148	7.0	53332.4	-0744.6	1238	9.8	55135.2	-0733.3	1328	9.0	60625.6	-0740.3
1059	9.5	51623.0	-0712.5	1149	9.5	53416.1	-0727.2	1239	9.5	55151.0	-0734.2	1329	9.1	60628.8	-0728.8
1060	9.5	51634.5	-0752.7	1150	9.0	53416.7	-0732.6	1240	9.5	55158.2	-0739.4	1330	9.1	60632.6	-0742.6
1061	8.5	51636.4	-0702.3	1151	8.0	53421.5	-0701.3	1241	8.5	55210.5	-0740.5	1331	9.3	60634.7	-0746.8
1062	9.7	51648.6	-0731.1	1152	9.3	53457.4	-0741.4	1242	9.5	55216.3	-0754.9	1332	6.5	60656.6	-0712.8
1063	9.6	51652.9	-0736.4	1153	8.0	53541.0	-0724.7	1243	9.0	55230.0	-0717.2	1333	9.3	60703.4	-0733.2
1064	4.3	51658.3	-0756.8	1154	9.4	53544.8	-0732.7	1244	10.	55259.5	-0736.9	1334	9.5	60705.2	-0718.3
1065	9.2	51731.4	-0701.4	1155	7.5	53558.4	-0732.9	1245	9.2	55303.8	-0705.2	1335	9.2	60720.9	-0755.8
1066	10.	51735.0	-0759.4	1156	8.2	53627.8	-0758.1	1246	7.5	55327.0	-0735.5	1336	9.3	60721.0	-0741.2
1067	9.5	51738.0	-0728.6	1157	9.3	53629.8	-0710.6	1247	9.5	55328.0	-0734.6	1337	9.3	60731.5	-0754.1
1068	9.0	51743.5	-0750.5	1158	9.0	53633.1	-0721.7	1248	7.0	55331.3	-0729.3	1338	8.7	60740.3	-0723.8

-07 1339 6h07m

-07 1698 6h55m

1339	9.5	60747.5	-0754.5	1429	6.7	61944.4	-0725.5	1519	8.7	63350.2	-0704.1	1609	9.7	64534.4	-0733.5
1340	9.4	60754.6	-0742.1	1430	9.5	62002.0	-0734.9	1520	9.4	63353.0	-0741.0	1610	9.5	64548.1	-0709.4
1341	8.2	60757.0	-0739.7	1431	9.7	62013.1	-0710.3	1521	9.5	63355.7	-0725.5	1611	9.5	64554.8	-0715.6
1342	8.8	60812.9	-0756.7	1432	9.5	62020.6	-0743.5	1522	9.5	63400.0	-0759.1	1612	9.7	64555.9	-0733.9
1343	9.3	60818.2	-0756.0	1433	8.4	62042.2	-0753.7	1523	7.1	63402.0	-0726.5	1613	9.4	64601.1	-0704.0
1344	9.3	60826.5	-0739.0	1434	8.5	62107.9	-0725.0	1524	8.2	63411.2	-0751.8	1614	7.8	64608.5	-0735.5
1345	8.8	60831.9	-0713.8	1435	9.5	62122.8	-0755.0	1525	9.1	63417.8	-0746.7	1615	9.4	64610.7	-0732.2
1346	9.4	60850.7	-0749.9	1436	9.0	62131.1	-0711.4	1526	7.2	63421.6	-0702.3	1616	9.3	64623.0	-0731.6
1347	9.1	60857.6	-0700.0	1437	9.5	62131.5	-0733.0	1527	9.8	63427.9	-0742.2	1617	9.7	64637.1	-0753.6
1348	8.9	60858.1	-0742.6	1438	8.2	62233.3	-0716.0	1528	9.4	63433.4	-0724.3	1618	9.8	64641.6	-0713.7
1349	8.6	60931.5	-0716.9	1439	9.3	62245.8	-0724.5	1529	9.5	63433.9	-0726.4	1619	9.1	64642.3	-0745.3
1350	9.5	60933.3	-0713.5	1440	8.5	62310.6	-0738.4	1530	8.5	63440.1	-0750.2	1620	8.8	64656.7	-0755.0
1351	9.9	60942.8	-0717.2	1441	9.8	62311.8	-0710.8	1531	9.4	63442.4	-0757.2	1621	9.6	64707.0	-0731.0
1352	8.5	61004.7	-0746.9	1442	9.5	62316.8	-0705.8	1532	9.8	63509.2	-0733.6	1622	9.2	64711.5	-0721.1
1353	8.6	61021.3	-0724.5	1443	9.5	62347.6	-0718.7	1533	9.8	63521.0	-0726.9	1623	9.8	64713.0	-0725.1
1354	9.2	61023.7	-0700.7	1444	9.0	62355.9	-0724.5	1534	9.2	63549.7	-0732.9	1624	8.3	64720.3	-0713.3
1355	9.3	61027.3	-0752.4	1445	9.5	62359.8	-0714.5	1535	9.0	63608.2	-0754.5	1625	9.2	64731.4	-0701.8
1356	9.5	61036.4	-0708.1	1446	9.1	62402.1	-0737.9	1536	10.	63644.9	-0758.4	1626	9.2	64737.9	-0748.1
1357	9.5	61038.5	-0735.5	1447	9.5	62428.0	-0732.7	1537	9.4	63651.3	-0712.8	1627	9.1	64752.6	-0743.0
1358	8.7	61040.7	-0750.8	1448	9.6	62428.9	-0755.3	1538	9.5	63657.4	-0711.0	1628	8.6	64758.5	-0739.4
1359	9.0	61053.0	-0730.9	1449	9.0	62431.6	-0755.1	1539	9.2	63659.6	-0716.2	1629	9.3	64811.8	-0714.9
1360	9.3	61053.2	-0757.4	1450	9.4	62455.9	-0710.4	1540	8.8	63700.1	-0728.7	1630	9.8	64821.0	-0734.2
1361	9.1	61057.4	-0711.2	1451	9.6	62456.7	-0753.5	1541	9.3	63705.3	-0758.9	1631	9.8	64845.5	-0759.5
1362	9.5	61116.8	-0725.6	1452	9.5	62500.5	-0730.2	1542	9.5	63715.0	-0746.8	1632	9.8	64858.4	-0725.3
1363	8.5	61119.9	-0708.1	1453	9.0	62505.9	-0756.4	1543	9.5	63735.1	-0736.9	1633	9.2	64908.8	-0749.5
1364	9.5	61133.5	-0734.0	1454	9.5	62509.3	-0749.9	1544	9.9	63738.9	-0758.6	1634	9.7	64927.0	-0757.6
1365	8.8	61134.2	-0746.9	1455	8.3	62510.5	-0712.0	1545	9.7	63741.7	-0720.0	1635	9.7	64928.5	-0703.1
1366	9.0	61142.3	-0753.2	1456	7.5	62514.4	-0718.3	1546	9.5	63757.2	-0725.7	1636	9.0	64932.7	-0759.7
1367	9.5	61153.0	-0737.1	1457	9.8	62514.7	-0700.7	1547	9.7	63808.1	-0750.7	1637	9.8	64934.1	-0705.1
1368	9.5	61155.6	-0703.9	1458	9.4	62524.3	-0729.7	1548	9.3	63808.8	-0745.3	1638	9.7	64937.8	-0717.2
1369	9.5	61157.6	-0703.5	1459	9.7	62536.1	-0743.6	1549	9.5	63844.0	-0745.8	1639	9.4	64941.0	-0729.8
1370	9.0	61241.3	-0725.5	1460	10.	62539.0	-0723.9	1550	9.4	63852.7	-0734.0	1640	7.6	64941.1	-0759.7
1371	8.9	61242.0	-0738.6	1461	9.7	62539.0	-0740.2	1551	7.3	63856.9	-0711.4	1641	9.7	64948.7	-0702.4
1372	9.5	61242.7	-0753.1	1462	8.4	62543.2	-0724.2	1552	9.7	63914.7	-0717.6	1642	6.4	65001.2	-0759.8
1373	5.5	61244.1	-0745.5	1463	8.8	62554.8	-0741.2	1553	9.8	63914.9	-0712.4	1643	9.0	65003.2	-0738.2
1374	9.8	61248.8	-0757.0	1464	9.5	62608.3	-0716.5	1554	9.5	63921.7	-0734.0	1644	8.7	65021.6	-0705.7
1375	8.3	61254.5	-0711.3	1465	9.8	62610.9	-0709.8	1555	10.	63931.2	-0700.0	1645	9.8	65023.5	-0718.5
1376	9.0	61258.1	-0742.5	1466	9.4	62614.3	-0718.2	1556	9.8	63938.0	-0733.9	1646	9.5	65028.0	-0737.6
1377	9.5	61302.2	-0711.8	1467	9.4	62622.8	-0746.7	1557	9.0	63938.5	-0746.5	1647	9.0	65029.3	-0715.0
1378	7.5	61308.2	-0748.3	1468	9.5	62632.1	-0731.0	1558	9.6	63942.1	-0706.9	1648	9.7	65032.5	-0755.3
1379	9.5	61317.3	-0704.7	1469	9.1	62638.6	-0737.0	1559	9.4	63942.5	-0716.5	1649	8.8	65036.4	-0736.6
1380	10.	61323.4	-0743.4	1470	9.3	62640.2	-0758.6	1560	9.9	63951.0	-0712.6	1650	9.7	65038.7	-0711.4
1381	9.9	61325.9	-0744.2	1471	8.0	62640.5	-0705.8	1561	9.1	63951.7	-0710.2	1651	9.9	65040.8	-0725.4
1382	9.9	61341.2	-0749.6	1472	9.5	62648.2	-0712.2	1562	9.4	64014.8	-0719.6	1652	9.4	65042.2	-0716.0
1383	10.	61350.2	-0711.4	1473	9.3	62652.6	-0716.4	1563	10.	64022.7	-0702.1	1653	9.2	65053.7	-0701.0
1384	10.	61352.0	-0714.5	1474	8.5	62728.4	-0750.8	1564	9.1	64031.0	-0756.2	1654	9.8	65100.8	-0750.5
1385	9.5	61354.1	-0745.4	1475	9.8	62731.4	-0709.7	1565	9.7	64050.7	-0749.0	1655	9.1	65107.4	-0739.3
1386	10.	61403.2	-0701.5	1476	9.8	62757.3	-0705.7	1566	9.8	64052.2	-0712.9	1656	9.2	65117.1	-0745.0
1387	9.4	61406.3	-0752.3	1477	9.0	62811.2	-0758.4	1567	7.0	64121.8	-0735.7	1657	8.7	65117.1	-0718.6
1388	10.	6 431.0	-0735.9	1478	9.2	62819.5	-0727.1	1568	8.5	64127.0	-0757.3	1658	9.8	65123.8	-0753.1
1389	9.5	61432.5	-0717.2	1479	8.5	62825.9	-0715.8	1569	8.6	64131.4	-0700.4	1659	9.5	65133.7	-0757.4
1390	9.5	61442.3	-0731.8	1480	9.5	62840.2	-0737.6	1570	9.0	64131.8	-0738.5	1660	9.4	65135.7	-0719.5
1391	9.8	61455.1	-0715.4	1481	10.	62849.1	-0707.6	1571	8.8	64134.3	-0716.0	1661	9.0	65137.0	-0748.1
1392	9.3	61456.8	-0728.7	1482	9.2	62849.8	-0713.1	1572	8.8	64142.6	-0707.5	1662	9.6	65137.5	-0721.6
1393	9.5	61459.2	-0755.4	1483	9.1	62858.3	-0742.2	1573	9.3	64149.5	-0725.0	1663	9.4	65148.7	-0732.3
1394	9.2	61513.1	-0715.6	1484	9.4	62902.4	-0750.3	1574	9.5	64149.9	-0702.0	1664	8.9	65204.4	-0700.8
1395	9.5	61517.9	-0733.1	1485	9.7	62910.4	-0726.1	1575	9.0	64215.4	-0752.3	1665	9.1	65206.8	-0759.0
1396	9.3	61531.6	-0716.5	1486	10.	62915.7	-0720.2	1576	8.7	64220.4	-0733.7	1666	9.6	65218.0	-0746.9
1397	9.8	61535.4	-0753.5	1487	9.2	62931.7	-0706.3	1577	9.5	64227.0	-0719.2	1667	8.7	65218.1	-0704.5
1398	9.0	61535.4	-0709.4	1488	8.6	62936.0	-0710.6	1578	7.2	64235.1	-0715.1	1668	8.2	65220.0	-0715.6
1399	8.5	61536.0	-0733.9	1489	9.4	62939.3	-0748.6	1579	9.5	64242.1	-0724.4	1669	9.4	65221.2	-0747.3
1400	9.4	61552.2	-0705.9	1490	9.5	62946.4	-0700.2	1580	9.7	64242.3	-0747.8	1670	9.8	65223.6	-0720.8
1401	8.8	61602.8	-0752.4	1491	9.4	63009.0	-0729.6	1581	10.	64257.0	-0757.2	1671	9.3	65223.8	-0736.3
1402	9.5	61616.7	-0723.6	1492	9.6	63010.1	-0713.8	1582	9.6	64259.4	-0749.4	1672	9.0	65226.2	-0725.1
1403	8.7	61632.8	-0747.5	1493	9.3	63030.9	-0753.2	1583	9.3	64304.5	-0723.4	1673	9.1	65226.8	-0707.7
1404	9.5	61641.5	-0737.7	1494	9.2	63032.2	-0756.9	1584	8.8	64308.8	-0738.0	1674	9.1	65236.3	-0756.6
1405	9.1	61649.2	-0746.0	1495	8.8	63100.8	-0708.2	1585	9.3	64316.2	-0715.3	1675	9.2	65236.3	-0743.3
1406	9.8	61658.7	-0735.0	1496	9.8	63101.9	-0702.0	1586	9.8	64319.4	-0752.3	1676	10.	65241.9	-0704.0
1407	10.	61726.2	-0703.7	1497	8.6	63112.9	-0712.3	1587	9.3	64325.0	-0702.9	1677	10.	65242.1	-0700.0
1408	9.5	61726.3	-0728.0	1498	9.3	63116.2	-0740.6	1588	9.6	64328.6	-0713.8	1678	10.	65249.2	-0719.9
1409	9.1	61732.6	-0738.0	1499	9.3	63119.5	-0726.2	1589	9.7	64331.0	-0715.6	1679	9.8	65250.1	-0707.7
1410	9.5	61736.7	-0745.2	1500	9.5	63143.2	-0743.6	1590	9.7	64331.2	-0701.2	1680	9.6	65302.0	-0719.9
1411	9.3	61741.6	-0754.2	1501	9.5	63146.6	-0701.2	1591	9.1	64333.4	-0708.8	1681	9.5	65305.0	-0721.2
1412	9.1	61750.0	-0733.8	1502	9.5	63152.9	-0712.9	1592	6.8	64343.4	-0752.7	1682	9.8	65306.9	-0703.5
1413	8.7	61751.0	-0731.6	1503	9.8	63207.9	-0754.2	1593	9.5	64351.1	-0733.4	1683	9.5	65308.1	-0735.8
1414	9.4	61751.2	-0701.6	1504	9.8	63215.4	-0728.0	1594	9.0	64357.6	-0746.2	1684	9.3	65312.0	-0756.4
1415	9.3	61802.3	-0719.9	1505	9.8	63216.0	-0730.3	1595	9.4	64401.3	-0701.9	1685	9.2	65319.5	-0724.0
1416	9.7	61810.4	-0725.3	1506	9.3	63220.4	-0752.4	1596	9.8	64408.3	-0758.9	1686	9.8	65347.3	-0755.8
1417	10.	61819.4	-0700.4	1507	9.2	63237.1	-0701.9	1597	10.	64408.4	-0707.6	1687	8.5	65417.4	-0731.2
1418	9.0	61820.3	-0728.2	1508	9.3	63238.8	-0748.8	1598	9.7	64425.1	-0720.1	1688	9.5	65425.3	-0720.8
1419	9.5	61854.4	-0747.8	1509	9.0	63239.4	-0754.5	1599	9.1	64427.0	-0702.2	1689	9.1	65426.4	-0732.3
1420	9.5	61858.7	-0742.6	1510	9.3	63242.0	-0733.0	1600	9.8	64435.9	-0747.7	1690	9.3	65429.7	-0736.1
1421	9.2	61859.5	-0714.6	1511	9.5	63249.5	-0733.9	1601	9.7	64440.0	-0707.2	1691	9.4	65430.4	-0721.1
1422	6.8	61859.8	-0748.7	1512	9.6	63251.3	-0757.7	1602	9.1	64444.7	-0706.7	1692	9.4	65450.4	-0728.7
1423	9.0	61903.7	-0702.5	1513	9.8	63258.7	-0705.6	1603	9.1	64454.0	-0706.7	1693	9.8	65454.0	-0757.0
1424	7.8	61913.4	-0716.8	1514	9.6	63307.2	-0716.0	1604	9.3	64456.4	-0706.7	1694	9.0	65459.2	-0729.4
1425	9.8	61929.7	-0719.8	1515	9.5	63321.9	-0709.6	1605	9.4	64513.0	-0713.2	1695	8.5	65523.1	-0739.5
1426	9.7	61934.8	-0732.2	1516	8.3	63327.8	-0717.2	1606	9.6	64516.1	-0701.1	1696	9.5	65526.4	-0752.5
1427	9.6	61941.6	-0752.8	1517	9.4	63328.0	-0714.4	1607	9.8	64522.0	-0754.2	1697	9.5	65530.4	-0753.2
1428	9.0	61943.4	-0725.4	1518	9.3	63341.5	-0744.9	1608	9.7	64523.3	-0706.2	1698	9.3	65537.6	-0747.1

1699	9.3	65540.4	-0743.1	1789	9.5	70408.9	-0727.2	1879	8.5	71153.4	-0743.7	1969	8.7	72001.5	-0740.9
1700	9.0	65543.8	-0703.2	1790	7.8	70410.2	-0727.7	1880	9.2	71205.4	-0700.9	1970	9.2	72002.5	-0728.9
1701	9.0	65544.0	-0734.1	1791	9.3	70417.5	-0757.0	1881	9.8	71206.0	-0735.3	1971	8.8	72005.0	-0757.2
1702	9.5	65547.4	-0727.5	1792	9.1	70421.5	-0756.8	1882	9.8	71209.9	-0710.9	1972	9.7	72019.9	-0758.9
1703	10.	65552.0	-0707.9	1793	9.6	70427.0	-0713.8	1883	9.3	71221.9	-0753.6	1973	9.3	72032.7	-0720.1
1704	8.8	65553.7	-0757.5	1794	10.	70434.1	-0700.6	1884	9.4	71222.2	-0716.0	1974	9.5	72041.8	-0757.7
1705	9.0	65605.3	-0715.7	1795	9.8	70447.9	-0750.5	1885	8.8	71222.9	-0728.1	1975	9.7	72042.0	-0710.7
1706	8.9	65606.5	-0722.0	1796	10.	70448.4	-0704.7	1886	9.5	71223.0	-0737.6	1976	8.8	72044.4	-0743.3
1707	9.3	65613.9	-0725.7	1797	8.9	70452.0	-0723.8	1887	9.8	71224.9	-0724.4	1977	9.3	72045.1	-0713.3
1708	10.	65621.7	-0732.3	1798	10.	70454.1	-0758.1	1888	9.6	71247.4	-0735.6	1978	9.5	72057.5	-0755.8
1709	9.3	65623.4	-0740.0	1799	9.8	70507.4	-0706.2	1889	8.8	71256.2	-0737.7	1979	9.3	72058.9	-0725.7
1710	9.8	65626.9	-0735.3	1800	10.	70518.5	-0739.6	1890	9.8	71257.0	-0716.5	1980	9.8	72059.4	-0746.5
1711	9.3	65633.4	-0737.2	1801	9.4	70525.7	-0757.9	1891	8.6	71259.3	-0725.8	1981	9.0	72107.7	-0715.3
1712	8.8	65638.1	-0738.2	1802	7.9	70528.5	-0758.3	1892	9.8	71301.1	-0711.3	1982	9.2	72118.2	-0758.6
1713	9.5	65641.4	-0727.4	1803	10.	70538.4	-0741.4	1893	10.	71310.1	-0743.9	1983	9.2	72130.7	-0723.6
1714	10.	65648.7	-0749.4	1804	9.9	70542.3	-0744.1	1894	10.	71311.4	-0748.1	1984	9.5	72132.0	-0730.5
1715	9.7	65703.4	-0733.8	1805	9.9	70542.4	-0738.2	1895	9.8	71313.2	-0714.2	1985	9.1	72133.0	-0700.1
1716	9.0	65710.7	-0740.4	1806	10.	70551.2	-0757.5	1896	9.9	71322.6	-0752.3	1986	9.7	72134.0	-0733.7
1717	9.4	65719.9	-0713.7	1807	9.6	70554.0	-0739.1	1897	9.6	71335.5	-0718.1	1987	10.	72141.1	-0734.2
1718	9.5	65720.1	-0740.1	1808	8.5	70556.7	-0741.0	1898	9.5	71337.4	-0716.6	1988	9.5	72144.6	-0714.0
1719	8.8	65731.1	-0703.9	1809	9.4	70559.7	-0740.3	1899	9.1	71346.6	-0712.2	1989	8.7	72148.8	-0757.8
1720	10.	65733.6	-0736.3	1810	8.4	70559.9	-0752.1	1900	9.0	71352.8	-0716.1	1990	10.	72153.1	-0707.7
1721	9.8	65751.7	-0704.4	1811	8.8	70617.6	-0721.4	1901	9.7	71353.7	-0717.2	1991	10.	72155.3	-0708.0
1722	9.8	65755.5	-0707.0	1812	9.4	70620.1	-0746.3	1902	9.5	71354.9	-0733.3	1992	9.6	72200.1	-0707.4
1723	9.1	65755.6	-0725.0	1813	9.3	70624.3	-0741.3	1903	9.3	71356.2	-0742.1	1993	9.7	72203.2	-0739.8
1724	9.7	65757.1	-0735.6	1814	9.2	70638.4	-0750.4	1904	9.9	71357.9	-0753.4	1994	9.3	72203.3	-0724.8
1725	9.1	65803.1	-0726.5	1815	9.5	70642.9	-0725.3	1905	8.9	71359.4	-0719.8	1995	8.5	72206.9	-0743.7
1726	9.0	65807.7	-0729.2	1816	9.4	70649.7	-0744.5	1906	10.	71408.7	-0701.2	1996	5.9	72223.2	-0715.6
1727	10.	65816.0	-0738.7	1817	9.3	70649.8	-0724.7	1907	10.	71419.0	-0740.1	1997	10.	72235.0	-0735.0
1728	9.0	65816.8	-0704.5	1818	9.8	70655.7	-0753.3	1908	8.8	71421.1	-0706.6	1998	9.8	72243.4	-0720.7
1729	9.0	65820.8	-0704.6	1819	9.2	70656.0	-0704.5	1909	9.4	71423.4	-0719.6	1999	10.	72243.5	-0742.2
1730	9.4	65821.8	-0724.0	1820	9.7	70656.2	-0737.4	1910	9.8	71425.2	-0736.8	2000	10.	72246.8	-0710.7
1731	7.2	65823.2	-0755.0	1821	8.4	70716.9	-0716.2	1911	9.8	71431.2	-0746.0	2001	8.7	72250.8	-0734.9
1732	9.4	65828.4	-0749.1	1822	8.7	70719.1	-0707.8	1912	9.8	71450.3	-0706.1	2002	8.7	72257.8	-0726.9
1733	9.5	65844.5	-0756.2	1823	8.8	70724.8	-0720.0	1913	9.9	71500.2	-0706.2	2003	9.4	72304.0	-0738.7
1734	9.8	65855.5	-0710.8	1824	9.5	70742.0	-0738.7	1914	9.4	71501.9	-0753.0	2004	9.3	72307.4	-0726.5
1735	9.4	65858.7	-0736.9	1825	9.2	70744.5	-0757.2	1915	9.4	71512.7	-0752.9	2005	9.5	72309.6	-0757.0
1736	9.5	65902.7	-0731.4	1826	9.4	70748.3	-0757.3	1916	9.3	71517.5	-0706.3	2006	10.	72315.7	-0714.5
1737	9.6	65906.9	-0702.4	1827	9.4	70751.5	-0717.2	1917	9.3	71523.9	-0746.7	2007	8.3	72335.5	-0744.8
1738	9.3	65919.6	-0705.2	1828	8.8	70754.1	-0704.7	1918	9.7	71525.5	-0728.5	2008	9.8	72344.0	-0738.7
1739	9.5	65943.3	-0756.0	1829	7.8	70757.8	-0725.8	1919	9.5	71531.6	-0750.2	2009	9.4	72348.3	-0731.5
1740	9.1	65947.8	-0705.3	1830	9.5	70815.4	-0742.6	1920	9.6	71544.1	-0733.9	2010	9.1	72351.5	-0730.9
1741	8.9	65949.3	-0702.1	1831	9.8	70821.0	-0741.7	1921	9.4	71544.1	-0736.3	2011	9.8	72410.9	-0702.8
1742	8.3	65954.8	-0720.3	1832	9.5	70825.0	-0732.8	1922	9.2	71552.2	-0741.3	2012	8.5	72413.1	-0727.5
1743	9.5	65955.6	-0710.7	1833	9.3	70826.5	-0714.4	1923	9.4	71601.7	-0723.9	2013	9.4	72413.9	-0719.9
1744	9.1	65959.3	-0712.7	1834	9.5	70826.7	-0737.8	1924	9.3	71607.7	-0735.5	2014	10.	72415.6	-0706.1
1745	8.8	70000.0	-0731.3	1835	8.9	70830.8	-0713.9	1925	9.4	71614.2	-0731.5	2015	9.7	72417.3	-0748.7
1746	9.1	70010.6	-0720.9	1836	9.8	70833.5	-0710.8	1926	10.	71621.1	-0705.6	2016	10.	72427.4	-0735.5
1747	9.8	70016.5	-0733.8	1837	9.5	70839.7	-0713.0	1927	9.7	71639.7	-0749.0	2017	8.2	72430.5	-0750.5
1748	8.8	70029.7	-0734.9	1838	9.8	70840.6	-0742.5	1928	9.5	71646.2	-0711.1	2018	9.3	72440.9	-0714.1
1749	9.0	70032.2	-0723.1	1839	9.7	70844.5	-0711.6	1929	9.5	71647.5	-0756.0	2019	9.2	72451.4	-0730.0
1750	9.5	70033.1	-0702.2	1840	9.3	70851.5	-0712.8	1930	9.2	71648.3	-0741.3	2020	9.5	72453.2	-0722.7
1751	8.9	70035.3	-0724.8	1841	9.5	70856.9	-0732.4	1931	9.5	71650.4	-0712.5	2021	9.3	72455.1	-0745.7
1752	9.5	70037.2	-0701.0	1842	9.7	70901.8	-0722.8	1932	8.8	71651.9	-0741.7	2022	9.7	72458.1	-0711.8
1753	9.4	70040.7	-0741.4	1843	9.2	70911.8	-0737.1	1933	9.5	71653.5	-0716.9	2023	9.2	72459.8	-0723.7
1754	9.0	70044.3	-0745.4	1844	8.0	70912.2	-0738.0	1934	9.3	71704.1	-0724.6	2024	9.8	72503.2	-0702.9
1755	9.4	70044.6	-0727.9	1845	9.3	70922.1	-0704.3	1935	9.7	71710.9	-0714.8	2025	10.	72504.9	-0701.1
1756	8.8	70103.6	-0747.6	1846	9.8	70925.4	-0746.5	1936	9.1	71714.9	-0734.8	2026	9.2	72506.9	-0732.7
1757	9.4	70104.9	-0743.0	1847	9.8	70941.8	-0751.9	1937	9.4	71724.2	-0734.7	2027	9.5	72514.5	-0720.0
1758	9.8	70112.0	-0748.8	1848	9.2	70943.2	-0703.5	1938	10.	71737.8	-0707.7	2028	8.9	72526.8	-0724.2
1759	9.7	70114.4	-0731.3	1849	9.9	70949.5	-0704.6	1939	9.7	71747.6	-0753.1	2029	8.4	72532.7	-0747.3
1760	9.6	70123.4	-0744.4	1850	9.4	70953.1	-0700.0	1940	8.3	71749.6	-0751.4	2030	9.5	72532.9	-0745.4
1761	9.1	70127.7	-0718.8	1851	7.6	70956.3	-0716.2	1941	8.1	71754.3	-0719.8	2031	9.7	72538.4	-0738.5
1762	9.9	70132.1	-0701.5	1852	10.	71002.6	-0747.8	1942	9.8	71754.6	-0711.5	2032	9.5	72539.4	-0746.9
1763	9.3	70136.1	-0746.9	1853	9.7	71006.7	-0741.3	1943	9.5	71759.1	-0728.2	2033	9.8	72544.5	-0710.3
1764	9.2	70139.6	-0714.2	1854	9.3	71009.4	-0754.1	1944	9.8	71807.4	-0727.3	2034	9.5	72549.1	-0723.2
1765	9.8	70148.6	-0703.2	1855	8.8	71011.1	-0759.8	1945	10.	71815.3	-0759.8	2035	9.3	72551.2	-0733.5
1766	10.	70153.8	-0736.3	1856	10.	71011.9	-0707.7	1946	9.8	71816.0	-0736.7	2036	8.4	72551.8	-0738.1
1767	9.7	70155.2	-0715.1	1857	9.7	71013.8	-0701.1	1947	9.5	71823.6	-0716.9	2037	9.3	72623.4	-0727.0
1768	8.3	70200.7	-0742.6	1858	9.6	71033.9	-0705.6	1948	9.5	71825.0	-0736.7	2038	9.8	72643.3	-0707.2
1769	9.8	70206.1	-0701.1	1859	9.8	71033.9	-0743.8	1949	8.7	71826.8	-0727.5	2039	9.4	72646.6	-0718.9
1770	8.5	70206.7	-0732.5	1860	10.	71038.8	-0755.9	1950	9.8	71828.4	-0755.3	2040	9.5	72658.2	-0757.6
1771	9.2	70207.2	-0709.6	1861	9.5	71045.3	-0713.2	1951	9.3	71830.4	-0758.8	2041	7.5	72700.5	-0719.5
1772	9.3	70223.7	-0734.0	1862	10.	71048.4	-0701.4	1952	9.6	71832.1	-0705.1	2042	9.6	72703.9	-0756.9
1773	9.3	70227.4	-0728.7	1863	9.5	71050.4	-0755.6	1953	9.9	71837.0	-0740.7	2043	9.3	72716.2	-0701.3
1774	9.5	70227.6	-0746.4	1864	9.6	71100.7	-0752.1	1954	9.0	71840.8	-0706.3	2044	9.3	72728.5	-0737.1
1775	9.5	70240.0	-0726.9	1865	9.4	71113.7	-0746.7	1955	9.1	71845.2	-0740.4	2045	9.1	72733.5	-0706.1
1776	9.5	70249.9	-0750.0	1866	9.7	71117.6	-0730.1	1956	9.6	71847.0	-0719.0	2046	9.7	72741.4	-0712.6
1777	9.5	70252.0	-0741.8	1867	9.8	71119.6	-0748.8	1957	9.5	71848.4	-0701.7	2047	9.1	72747.1	-0734.7
1778	9.7	70302.0	-0730.7	1868	9.5	71122.8	-0707.2	1958	9.5	71853.2	-0749.2	2048	9.3	72749.7	-0713.9
1779	9.1	70302.6	-0750.3	1869	9.4	71127.6	-0720.9	1959	9.5	71859.8	-0728.5	2049	9.5	72751.5	-0748.6
1780	9.7	70322.8	-0729.4	1870	8.9	71130.7	-0734.3	1960	9.6	71902.2	-0706.0	2050	9.8	72752.2	-0724.7
1781	9.6	70324.1	-0711.5	1871	9.8	71131.5	-0742.3	1961	10.	71914.7	-0721.5	2051	9.4	72758.1	-0756.4
1782	9.2	70330.1	-0740.1	1872	8.9	71137.0	-0711.1	1962	9.2	71915.4	-0733.6	2052	9.9	72807.1	-0706.2
1783	7.7	70332.4	-0737.9	1873	7.8	71137.1	-0719.3	1963	7.5	71922.4	-0705.3	2053	10.	72812.7	-0723.9
1784	9.6	70347.1	-0734.4	1874	9.3	71142.3	-0731.8	1964	9.8	71929.7	-0713.8	2054	9.8	72820.1	-0752.0
1785	9.8	70353.8	-0751.0	1875	9.4	71144.1	-0742.3	1965	9.5	71937.6	-0749.1	2055	9.0	72826.1	-0728.2
1786	9.8	70353.8	-0747.8	1876	8.9	71151.2	-0715.8	1966	9.2	71956.3	-0716.2	2056	9.2	72831.1	-0738.7
1787	10.	70354.2	-0722.5	1877	9.5	71152.8	-0717.6	1967	9.4	71958.1	-0705.1	2057	8.4	72846.6	-0755.1
1788	9.4	70356.8	-0744.7	1878	9.5	71153.4	-0721.3	1968	8.4	71959.3	-0721.0	2058	9.8	72847.6	-0731.5

2059	9.5	72851.8	-0745.1	2149	9.6	73617.6	-0709.1	2239	9.1	74612.1	-0741.0	2329	7.0	75629.9	-0746.2
2060	8.9	72853.3	-0742.0	2150	8.8	73619.1	-0705.5	2240	9.8	74617.7	-0724.6	2330	9.0	75639.1	-0757.5
2061	9.2	72857.0	-0706.2	2151	9.2	73619.8	-0757.0	2241	9.5	74633.6	-0717.1	2331	9.6	75639.8	-0755.1
2062	9.8	72900.5	-0705.8	2152	9.7	73624.7	-0717.7	2242	9.3	74640.7	-0708.7	2332	9.7	75705.8	-0754.8
2063	9.8	72912.6	-0754.9	2153	10.	73627.9	-0700.0	2243	9.5	74641.5	-0731.0	2333	9.5	75708.0	-0752.6
2064	8.7	72914.3	-0742.7	2154	10.	73632.7	-0720.0	2244	9.0	74655.6	-0725.1	2334	9.8	75708.3	-0719.6
2065	6.3	72916.1	-0759.5	2155	9.4	73647.3	-0753.6	2245	9.0	74659.2	-0707.1	2335	8.6	75723.1	-0754.8
2066	9.7	72919.3	-0710.8	2156	10.	73704.5	-0726.4	2246	8.5	74721.6	-0700.8	2336	9.0	75729.7	-0743.2
2067	9.1	72921.5	-0715.5	2157	8.9	73705.3	-0735.0	2247	9.4	74730.3	-0729.7	2337	9.0	75731.0	-0735.1
2068	9.1	72922.9	-0703.2	2158	9.8	73706.2	-0726.2	2248	8.6	74733.4	-0758.7	2338	10.	75751.8	-0713.9
2069	10.	72932.7	-0716.0	2159	9.7	73710.0	-0729.8	2249	9.5	74736.2	-0728.3	2339	9.8	75752.5	-0719.6
2070	9.6	72935.3	-0731.1	2160	10.	73712.8	-0713.3	2250	9.4	74741.2	-0714.1	2340	9.0	75753.4	-0754.8
2071	9.5	72944.9	-0731.6	2161	9.7	73734.5	-0737.2	2251	9.0	74746.0	-0701.8	2341	8.9	75755.8	-0759.4
2072	9.2	72945.1	-0710.9	2162	9.5	73743.2	-0707.0	2252	9.8	74746.3	-0739.1	2342	9.5	75811.0	-0735.8
2073	9.4	72947.3	-0748.2	2163	9.1	73745.1	-0737.2	2253	9.3	74800.4	-0733.0	2343	8.8	75812.3	-0700.3
2074	9.6	72958.4	-0756.4	2164	8.5	73755.7	-0722.9	2254	8.8	74808.9	-0733.0	2344	8.8	75832.0	-0735.6
2075	9.8	73008.2	-0725.3	2165	9.6	73758.4	-0702.5	2255	9.0	74809.6	-0736.5	2345	9.4	75833.5	-0734.7
2076	9.4	73017.5	-0717.1	2166	8.5	73800.4	-0736.4	2256	8.5	74829.3	-0754.7	2346	9.1	75835.6	-0709.1
2077	9.4	73019.4	-0723.1	2167	9.5	73812.4	-0738.8	2257	9.3	74835.3	-0736.0	2347	8.2	75909.9	-0721.2
2078	9.8	73024.7	-0703.2	2168	9.5	73815.9	-0739.1	2258	9.5	74841.4	-0722.2	2348	9.2	75915.4	-0748.1
2079	9.3	73025.8	-0704.2	2169	9.6	73823.1	-0701.9	2259	9.4	74841.6	-0701.8	2349	9.7	75939.6	-0739.1
2080	10.	73032.3	-0731.6	2170	10.	73825.5	-0707.2	2260	9.4	74849.8	-0730.0	2350	9.4	75954.1	-0754.9
2081	9.7	73033.8	-0740.4	2171	8.9	73825.5	-0715.0	2261	9.0	74859.2	-0734.5	2351	10.	75955.0	-0700.0
2082	7.1	73040.9	-0724.4	2172	9.0	73827.4	-0731.0	2262	9.2	74905.7	-0721.1	2352	9.5	75959.4	-0735.0
2083	8.7	73042.3	-0707.7	2173	9.7	73832.1	-0712.0	2263	9.8	74906.9	-0757.7	2353	9.1	80006.9	-0703.6
2084	9.4	73045.7	-0710.5	2174	9.5	73833.6	-0704.9	2264	7.3	74919.5	-0736.8	2354	9.4	80028.5	-0704.9
2085	8.9	73052.1	-0700.2	2175	9.2	73834.7	-0723.5	2265	9.0	74921.1	-0745.0	2355	9.1	80050.1	-0758.3
2086	8.5	73052.3	-0738.2	2176	9.8	73834.9	-0704.6	2266	9.5	74934.3	-0750.8	2356	9.0	80108.0	-0722.2
2087	9.9	73054.0	-0722.8	2177	8.8	73836.5	-0743.6	2267	9.3	74935.7	-0755.6	2357	9.8	80121.5	-0701.6
2088	7.1	73100.6	-0748.0	2178	7.7	73847.6	-0710.6	2268	9.5	74937.8	-0703.0	2358	9.6	80140.0	-0750.6
2089	9.7	73117.7	-0712.3	2179	9.7	73851.6	-0708.3	2269	9.5	74950.2	-0742.9	2359	9.2	80144.1	-0708.6
2090	9.7	73121.0	-0756.6	2180	9.7	73902.7	-0705.5	2270	9.4	74950.8	-0745.2	2360	8.8	80149.9	-0705.1
2091	8.9	73128.5	-0718.1	2181	10.	73907.8	-0747.5	2271	9.6	74953.8	-0729.3	2361	9.8	80157.2	-0736.7
2092	9.7	73131.5	-0707.7	2182	9.8	73927.5	-0746.5	2272	9.1	75012.7	-0726.8	2362	9.5	80200.3	-0725.3
2093	10.	73146.3	-0704.7	2183	10.	73930.8	-0709.5	2273	7.3	75017.4	-0725.0	2363	9.3	80201.3	-0758.0
2094	9.8	73151.2	-0702.8	2184	9.3	73931.6	-0750.6	2274	9.2	75020.0	-0721.4	2364	9.8	80240.3	-0720.2
2095	9.8	73156.8	-0758.2	2185	8.6	73956.7	-0756.4	2275	9.2	75023.6	-0714.5	2365	9.5	80243.8	-0751.4
2096	10.	73203.4	-0736.6	2186	9.8	73958.8	-0711.9	2276	10.	75030.3	-0717.7	2366	9.8	80250.8	-0755.2
2097	10.	73204.1	-0738.1	2187	9.4	74016.4	-0732.5	2277	10.	75048.2	-0743.2	2367	9.2	80300.9	-0721.2
2098	9.8	73208.8	-0722.1	2188	8.8	74020.8	-0741.6	2278	8.7	75056.5	-0714.6	2368	9.5	80302.7	-0718.0
2099	9.3	73213.5	-0757.0	2189	9.7	74023.2	-0718.5	2279	9.0	75058.1	-0701.0	2369	9.8	80311.8	-0747.3
2100	8.9	73220.1	-0717.1	2190	10.	74023.2	-0701.3	2280	9.8	75105.4	-0713.1	2370	9.5	80329.2	-0759.3
2101	9.5	73224.5	-0713.8	2191	9.3	74031.0	-0732.9	2281	9.2	75107.3	-0718.7	2371	8.8	80335.7	-0718.1
2102	9.3	73232.8	-0752.5	2192	10.	74041.5	-0739.1	2282	9.5	75111.0	-0720.1	2372	9.4	80336.3	-0739.0
2103	9.7	73239.8	-0754.5	2193	9.4	74118.0	-0700.3	2283	9.4	75122.5	-0748.4	2373	9.5	80338.1	-0711.9
2104	9.7	73240.3	-0745.8	2194	9.2	74118.3	-0706.9	2284	9.8	75123.2	-0739.7	2374	9.1	80349.2	-0746.4
2105	9.4	73242.0	-0757.3	2195	8.5	74126.6	-0749.0	2285	9.2	75140.1	-0721.4	2375	9.5	80354.7	-0718.4
2106	9.3	73247.3	-0705.1	2196	9.4	74128.3	-0730.5	2286	8.8	75140.9	-0756.8	2376	9.1	80356.5	-0736.8
2107	8.6	73254.2	-0711.5	2197	9.8	74140.3	-0713.0	2287	8.7	75149.1	-0707.5	2377	9.0	80402.9	-0733.3
2108	9.6	73259.7	-0732.9	2198	10.	74145.2	-0723.4	2288	9.5	75201.8	-0707.9	2378	5.5	80429.4	-0720.7
2109	9.7	73304.3	-0711.5	2199	9.4	74224.9	-0750.3	2289	9.0	75205.8	-0751.1	2379	9.0	80439.7	-0713.5
2110	9.8	73306.9	-0700.4	2200	10.	74228.1	-0753.3	2290	9.8	75208.4	-0712.1	2380	9.5	80441.1	-0702.7
2111	9.8	73315.9	-0721.2	2201	8.4	74230.4	-0739.3	2291	8.3	75212.3	-0706.7	2381	9.0	80450.9	-0741.1
2112	9.8	73316.3	-0702.2	2202	10.	74232.0	-0746.0	2292	9.8	75213.8	-0738.2	2382	9.1	80525.7	-0745.3
2113	9.5	73319.3	-0708.4	2203	9.0	74234.7	-0740.0	2293	9.5	75216.0	-0716.6	2383	9.5	80529.9	-0729.3
2114	9.7	73321.2	-0723.8	2204	10.	74235.5	-0743.2	2294	9.0	75230.7	-0731.9	2384	9.8	80544.6	-0759.0
2115	9.6	73327.7	-0743.9	2205	8.1	74242.4	-0757.0	2295	9.8	75234.5	-0718.7	2385	9.5	80556.5	-0722.6
2116	9.3	73329.3	-0751.6	2206	8.6	74247.4	-0712.5	2296	9.5	75246.2	-0711.8	2386	9.8	80610.9	-0736.1
2117	9.2	73332.1	-0753.5	2207	9.3	74250.2	-0700.3	2297	9.5	75250.9	-0733.5	2387	9.3	80644.2	-0713.1
2118	6.3	73334.5	-0751.3	2208	9.3	74304.4	-0745.4	2298	10.	75255.6	-0757.1	2388	9.0	80647.5	-0712.2
2119	9.4	73336.1	-0709.4	2209	10.	74304.9	-0701.5	2299	9.0	75257.6	-0759.7	2389	8.5	80649.3	-0747.3
2120	9.7	73346.6	-0752.5	2210	9.7	74306.1	-0750.1	2300	9.1	75301.0	-0756.5	2390	9.8	80702.1	-0741.5
2121	8.9	73355.7	-0759.3	2211	8.9	74316.5	-0733.2	2301	9.1	75302.7	-0756.4	2391	9.0	80717.5	-0738.3
2122	9.5	73403.4	-0749.7	2212	9.7	74319.1	-0747.5	2302	9.0	75302.8	-0714.0	2392	9.4	80730.3	-0744.2
2123	10.	73404.8	-0742.1	2213	9.4	74321.6	-0746.0	2303	9.5	75303.9	-0710.0	2393	9.5	80748.4	-0750.1
2124	9.5	73408.2	-0735.2	2214	9.8	74352.4	-0734.5	2304	9.4	75304.6	-0743.6	2394	9.5	80753.7	-0758.5
2125	10.	73417.5	-0701.2	2215	10.	74401.2	-0716.3	2305	10.	75312.0	-0735.4	2395	9.2	80757.8	-0700.9
2126	8.3	73427.1	-0730.6	2216	9.4	74404.0	-0726.3	2306	9.5	75316.0	-0740.0	2396	9.2	80807.2	-0704.8
2127	9.3	73436.5	-0707.8	2217	9.2	74409.1	-0715.1	2307	9.5	75322.2	-0727.8	2397	9.4	80808.4	-0730.0
2128	9.8	73441.9	-0700.3	2218	9.7	74410.6	-0707.8	2308	8.5	75325.5	-0738.8	2398	9.0	80809.7	-0728.5
2129	9.3	73442.1	-0737.4	2219	9.5	74412.7	-0742.3	2309	9.5	75329.9	-0703.9	2399	9.4	80810.9	-0727.2
2130	9.4	73444.3	-0700.3	2220	9.6	74414.7	-0734.9	2310	8.3	75352.4	-0715.1	2400	10.	80814.0	-0729.6
2131	9.8	73457.4	-0735.7	2221	9.9	74415.9	-0744.0	2311	9.3	75410.0	-0756.3	2401	9.8	80824.3	-0741.1
2132	9.3	73501.0	-0716.7	2222	9.4	74421.5	-0736.7	2312	9.1	75411.5	-0717.4	2402	9.0	80829.8	-0756.4
2133	9.5	73508.1	-0721.8	2223	9.5	74438.9	-0732.1	2313	9.0	75412.1	-0759.6	2403	9.4	80830.3	-0701.3
2134	8.3	73508.8	-0700.3	2224	9.8	74439.5	-0706.6	2314	9.8	75420.2	-0726.3	2404	9.1	80842.0	-0711.3
2135	9.5	73516.2	-0748.5	2225	8.9	74445.5	-0755.9	2315	9.7	75425.7	-0725.4	2405	9.6	80842.4	-0715.0
2136	8.8	73522.1	-0734.5	2226	9.3	74445.5	-0752.0	2316	9.6	75431.3	-0711.1	2406	9.5	80846.6	-0719.9
2137	8.8	73524.3	-0710.8	2227	8.5	74447.2	-0733.7	2317	9.3	75433.3	-0749.3	2407	9.4	80848.1	-0742.0
2138	9.2	73524.4	-0754.7	2228	9.8	74458.5	-0713.3	2318	8.8	75441.9	-0716.8	2408	8.9	80909.8	-0731.7
2139	9.3	73537.3	-0719.2	2229	9.7	74505.8	-0740.3	2319	8.4	75448.2	-0748.8	2409	9.1	80927.6	-0724.8
2140	9.1	73537.8	-0736.4	2230	8.8	74506.0	-0703.1	2320	8.8	75456.6	-0701.2	2410	9.5	80928.1	-0754.6
2141	9.0	73541.1	-0733.7	2231	9.0	74510.5	-0701.2	2321	8.9	75503.1	-0711.1	2411	10.	80933.3	-0707.1
2142	8.8	73542.1	-0749.5	2232	9.6	74514.8	-0753.5	2322	9.7	75509.2	-0714.7	2412	9.1	80935.4	-0743.5
2143	9.9	73542.8	-0728.7	2233	9.0	74521.9	-0754.8	2323	10.	75516.7	-0709.5	2413	9.5	80942.8	-0743.6
2144	9.1	73552.4	-0710.9	2234	9.5	74539.6	-0705.7	2324	9.5	75534.9	-0756.2	2414	9.0	80953.2	-0731.4
2145	9.4	73558.2	-0721.3	2235	9.2	74547.5	-0758.1	2325	9.4	75544.1	-0746.8	2415	9.1	80956.3	-0747.1
2146	9.8	73559.6	-0708.9	2236	8.4	74548.9	-0736.2	2326	9.7	75557.2	-0714.5	2416	9.3	81003.3	-0732.0
2147	9.7	73601.6	-0713.8	2237	10.	74551.5	-0747.8	2327	9.5	75558.5	-0702.8	2417	9.2	81034.5	-0736.6
2148	8.9	73609.8	-0753.4	2238	8.6	74557.8	-0702.1	2328	8.7	75600.1	-0702.8	2418	9.4	81107.1	-0742.2

-07 2419 8h11m

-07 2778 9h12m

2419	9.7	81116.2	-0728.2	2509	9.6	82340.5	-0742.8	2599	9.8	83758.6	-0710.8	2689	10.	85310.7	-0709.4
2420	9.6	81117.1	-0708.2	2510	9.5	82348.0	-0741.0	2600	9.9	83758.0	-0744.0	2690	10.	85313.8	-0740.7
2421	9.7	81118.4	-0706.7	2511	9.5	82401.8	-0730.4	2601	9.8	83814.6	-0745.0	2691	9.5	85315.6	-0734.8
2422	9.0	81119.2	-0732.7	2512	9.8	82410.9	-0746.1	2602	9.8	83819.4	-0714.0	2692	10.	85317.2	-0736.5
2423	7.0	81119.9	-0707.1	2513	10.	82411.9	-0752.1	2603	9.1	83819.5	-0741.2	2693	9.1	85330.6	-0717.5
2424	9.5	81121.5	-0720.4	2514	9.5	82428.4	-0746.8	2604	9.1	83823.1	-0745.0	2694	9.3	85348.1	-0706.7
2425	9.8	81124.5	-0733.0	2515	8.2	82429.8	-0753.7	2605	9.0	83844.9	-0711.2	2695	9.5	85412.2	-0709.8
2426	8.8	81135.4	-0727.0	2516	9.8	82444.0	-0752.6	2606	10.	83848.6	-0727.8	2696	7.9	85416.3	-0721.4
2427	9.3	81140.4	-0704.8	2517	9.8	82447.9	-0739.2	2607	8.0	83900.1	-0703.3	2697	9.4	85422.9	-0742.2
2428	9.4	81141.2	-0746.2	2518	9.2	82449.0	-0745.4	2608	9.7	83908.0	-0718.2	2698	9.4	85425.9	-0744.3
2429	9.4	81144.5	-0704.8	2519	9.8	82453.3	-0756.0	2609	8.7	83937.5	-0756.5	2699	9.0	85434.9	-0758.8
2430	8.8	81154.3	-0710.6	2520	9.4	82455.5	-0737.1	2610	9.9	83955.8	-0707.5	2700	9.3	85443.2	-0709.4
2431	8.5	81159.8	-0702.9	2521	9.1	82527.1	-0727.3	2611	10.	84003.6	-0731.3	2701	7.3	85451.5	-0748.2
2432	9.5	81205.0	-0733.9	2522	9.8	82527.4	-0754.9	2612	9.1	84009.8	-0746.7	2702	9.8	85451.7	-0710.0
2433	7.2	81208.4	-0706.4	2523	10.	82541.9	-0726.0	2613	9.9	84032.2	-0734.5	2703	9.8	85509.9	-0701.5
2434	9.7	81211.9	-0715.7	2524	9.2	82546.6	-0731.1	2614	9.5	84042.7	-0732.7	2704	8.7	85537.3	-0755.9
2435	9.8	81240.5	-0722.5	2525	9.2	82609.4	-0715.8	2615	9.1	84043.9	-0750.1	2705	9.8	85557.1	-0722.5
2436	9.1	81309.8	-0705.4	2526	9.7	82611.7	-0705.6	2616	9.6	84059.9	-0739.5	2706	10.	85621.4	-0747.4
2437	9.3	81322.3	-0733.2	2527	8.3	82617.6	-0725.0	2617	7.8	84109.5	-0726.3	2707	9.0	85627.1	-0705.0
2438	9.5	81330.4	-0754.1	2528	9.3	82621.5	-0740.1	2618	9.4	84111.9	-0738.7	2708	9.8	85635.8	-0723.3
2439	9.8	81351.7	-0723.1	2529	9.5	82649.2	-0721.2	2619	10.	84126.3	-0754.5	2709	9.0	85639.7	-0749.4
2440	9.5	81353.5	-0720.3	2530	9.4	82650.1	-0720.1	2620	9.6	84132.0	-0713.1	2710	9.8	85651.3	-0759.9
2441	10.	81356.3	-0705.7	2531	10.	82657.0	-0738.4	2621	9.5	84144.7	-0751.1	2711	10.	85651.4	-0701.4
2442	9.1	81402.1	-0743.7	2532	9.1	82657.4	-0756.0	2622	10.	84144.8	-0708.0	2712	9.0	85652.7	-0738.3
2443	8.9	81410.5	-0719.0	2533	8.5	82709.3	-0748.3	2623	9.1	84153.9	-0745.3	2713	9.8	85716.8	-0757.5
2444	7.0	81412.6	-0736.2	2534	9.4	82712.2	-0728.6	2624	9.2	84156.0	-0720.6	2714	8.2	85834.7	-0701.7
2445	9.5	81419.6	-0751.9	2535	8.8	82737.7	-0717.1	2625	9.4	84205.2	-0751.6	2715	9.0	85835.3	-0741.1
2446	8.0	81430.2	-0743.9	2536	9.2	82754.9	-0753.1	2626	9.2	84214.3	-0754.3	2716	8.5	85847.8	-0757.6
2447	9.2	81430.4	-0718.1	2537	8.5	82815.5	-0721.0	2627	8.7	84216.4	-0724.7	2717	9.6	85902.8	-0758.1
2448	8.8	81444.3	-0757.0	2538	9.5	82820.3	-0712.1	2628	10.	84220.6	-0738.2	2718	9.1	85909.5	-0732.3
2449	9.5	81457.0	-0710.8	2539	10.	82822.5	-0701.4	2629	10.	84222.5	-0749.6	2719	9.7	85912.9	-0732.7
2450	9.2	81458.8	-0700.4	2540	5.7	82823.2	-0729.7	2630	9.7	84223.8	-0750.5	2720	9.4	85959.8	-0715.1
2451	9.4	81528.3	-0712.8	2541	9.8	82830.7	-0749.2	2631	9.2	84258.0	-0711.3	2721	8.4	90002.1	-0712.7
2452	8.5	81548.9	-0704.7	2542	10.	82833.1	-0742.2	2632	9.5	84258.4	-0738.2	2722	9.6	90020.0	-0723.6
2453	9.1	81552.8	-0733.1	2543	10.	82834.9	-0754.8	2633	10.	84300.5	-0728.1	2723	10.	90021.0	-0758.5
2454	8.6	81554.1	-0715.9	2544	9.5	82840.6	-0711.5	2634	8.5	84340.4	-0732.8	2724	10.	90021.9	-0736.6
2455	9.8	81612.2	-0723.8	2545	9.3	82917.9	-0719.7	2635	9.4	84341.3	-0717.4	2725	8.3	90024.4	-0701.9
2456	9.5	81621.9	-0754.1	2546	9.1	82925.7	-0713.6	2636	9.7	84342.0	-0708.5	2726	7.9	90050.4	-0713.5
2457	9.0	81626.9	-0745.9	2547	9.5	82926.1	-0710.2	2637	8.5	84449.6	-0704.2	2727	9.4	90054.9	-0747.0
2458	9.1	81627.9	-0707.6	2548	9.8	82926.6	-0732.0	2638	9.8	84451.5	-0701.0	2728	10.	90100.0	-0733.0
2459	9.8	81630.8	-0704.2	2549	9.8	82927.2	-0725.2	2639	8.5	84455.9	-0722.9	2729	9.4	90113.2	-0730.1
2460	9.1	81640.8	-0759.6	2550	10.	82932.0	-0705.2	2640	9.9	84501.7	-0733.6	2730	9.7	90117.4	-0720.7
2461	9.5	81642.4	-0751.2	2551	10.	82948.1	-0700.3	2641	8.5	84519.5	-0711.3	2731	10.	90127.9	-0716.0
2462	9.4	81700.0	-0742.1	2552	8.3	82958.5	-0718.6	2642	9.5	84522.9	-0734.1	2732	10.	90157.9	-0711.5
2463	8.3	81704.7	-0756.5	2553	9.3	83003.0	-0726.0	2643	10.	84548.6	-0733.7	2733	10.	90202.3	-0759.3
2464	9.7	81708.8	-0703.0	2554	10.	83018.4	-0737.1	2644	9.7	84550.4	-0735.0	2734	9.0	90204.2	-0739.9
2465	9.0	81726.1	-0752.5	2555	9.5	83021.3	-0753.5	2645	9.6	84551.0	-0726.3	2735	8.2	90207.6	-0735.8
2466	8.1	81729.4	-0751.7	2556	9.8	83025.7	-0730.2	2646	9.6	84603.4	-0718.8	2736	8.8	90231.1	-0735.3
2467	9.5	81730.2	-0748.1	2557	9.0	83027.2	-0704.8	2647	9.0	84605.2	-0710.8	2737	9.2	90234.5	-0733.7
2468	9.4	81741.7	-0756.9	2558	9.5	83039.0	-0716.1	2648	9.8	84609.0	-0755.7	2738	9.5	90237.4	-0716.8
2469	9.1	81742.5	-0717.2	2559	9.8	83107.5	-0732.4	2649	8.5	84609.5	-0710.2	2739	8.3	90238.8	-0750.7
2470	9.5	81756.9	-0713.4	2560	10.	83109.1	-0728.0	2650	9.4	84624.9	-0724.5	2740	9.1	90243.4	-0730.6
2471	9.8	81803.2	-0700.7	2561	9.7	83111.3	-0733.0	2651	9.4	84641.8	-0756.7	2741	8.8	90248.5	-0759.3
2472	9.4	81807.5	-0724.2	2562	9.3	83122.3	-0711.2	2652	9.3	84642.2	-0725.4	2742	9.7	90249.4	-0709.5
2473	9.3	81810.8	-0706.3	2563	9.7	83137.3	-0711.8	2653	9.1	84643.2	-0705.8	2743	9.5	90257.4	-0750.5
2474	9.2	81811.4	-0724.0	2564	10.	83143.5	-0739.4	2654	9.5	84649.0	-0744.8	2744	9.8	90322.0	-0707.0
2475	9.1	81822.3	-0735.8	2565	9.7	83201.1	-0717.0	2655	9.9	84659.8	-0716.2	2745	10.	90327.8	-0742.0
2476	10.	81829.7	-0701.5	2566	9.0	83204.7	-0731.2	2656	10.	84718.3	-0716.6	2746	9.8	90338.9	-0746.8
2477	10.	81830.6	-0704.2	2567	9.8	83207.4	-0739.5	2657	9.3	84746.3	-0739.3	2747	9.1	90351.4	-0700.5
2478	9.8	81838.9	-0755.2	2568	9.8	83217.7	-0739.7	2658	7.8	84748.1	-0716.2	2748	9.7	90357.8	-0716.2
2479	9.0	81841.2	-0747.4	2569	9.1	83227.7	-0733.2	2659	9.1	84807.1	-0707.0	2749	10.	90411.6	-0727.5
2480	9.5	81847.4	-0720.8	2570	9.0	83230.0	-0741.9	2660	9.1	84810.6	-0713.7	2750	9.3	90424.4	-0727.8
2481	9.8	81909.2	-0720.5	2571	9.6	83243.4	-0707.8	2661	6.3	84823.0	-0725.1	2751	9.3	90424.5	-0741.9
2482	8.2	81914.1	-0731.0	2572	9.3	83322.8	-0751.0	2662	9.2	84826.0	-0746.3	2752	9.4	90432.6	-0758.0
2483	9.8	81921.6	-0718.7	2573	8.3	83331.5	-0717.8	2663	9.3	84851.5	-0730.4	2753	9.8	90449.9	-0702.5
2484	8.5	81927.3	-0736.9	2574	9.0	83336.6	-0726.6	2664	9.1	84859.0	-0743.8	2754	8.7	90453.0	-0730.7
2485	8.3	81947.0	-0759.6	2575	9.2	83339.2	-0726.1	2665	8.7	84919.9	-0724.4	2755	9.7	90511.9	-0701.7
2486	9.8	81959.2	-0700.8	2576	9.4	83351.0	-0749.8	2666	10.	84921.1	-0700.0	2756	10.	90513.6	-0739.1
2487	9.6	82015.7	-0733.5	2577	9.8	83407.9	-0737.3	2667	9.7	84923.2	-0738.1	2757	10.	90602.7	-0712.7
2488	10.	82019.8	-0716.7	2578	9.8	83412.7	-0749.0	2668	9.4	84928.3	-0716.4	2758	9.5	90604.3	-0743.6
2489	9.8	82025.7	-0714.8	2579	9.5	83422.3	-0709.2	2669	8.9	84943.7	-0737.5	2759	8.8	90608.7	-0742.8
2490	10.	82030.3	-0716.9	2580	9.8	83445.1	-0755.0	2670	9.6	84948.0	-0732.3	2760	9.8	90632.8	-0725.5
2491	8.5	82045.7	-0736.5	2581	8.5	83448.7	-0744.9	2671	9.0	85016.9	-0712.6	2761	9.7	90636.7	-0708.6
2492	9.5	82101.1	-0745.3	2582	8.6	83508.3	-0736.4	2672	9.5	85018.3	-0723.8	2762	9.1	90711.8	-0741.8
2493	9.4	82104.4	-0721.1	2583	8.7	83511.6	-0752.9	2673	9.9	85041.8	-0736.3	2763	8.9	90712.5	-0740.7
2494	9.5	82116.3	-0736.5	2584	9.1	83525.4	-0703.3	2674	9.6	85100.7	-0736.3	2764	10.	90736.6	-0730.2
2495	8.0	82119.4	-0743.9	2585	9.8	83525.7	-0755.2	2675	9.5	85102.9	-0743.7	2765	9.8	90802.1	-0749.1
2496	8.5	82131.0	-0742.6	2586	10.	83525.8	-0737.8	2676	10.	85114.6	-0732.8	2766	7.0	90815.5	-0752.7
2497	9.4	82131.3	-0703.0	2587	7.0	83526.5	-0758.5	2677	9.0	85118.8	-0759.1	2767	9.3	90815.8	-0723.7
2498	9.9	82136.7	-0738.4	2588	8.9	83546.8	-0719.7	2678	9.8	85134.4	-0745.3	2768	8.8	90818.8	-0714.5
2499	8.0	82143.8	-0703.9	2589	9.8	83554.9	-0746.6	2679	9.4	85134.6	-0725.8	2769	10.	90832.5	-0742.2
2500	9.6	82229.0	-0722.8	2590	10.	83601.8	-0733.1	2680	10.	85147.0	-0700.7	2770	9.7	90833.1	-0731.7
2501	9.3	82239.2	-0729.5	2591	9.6	83619.5	-0750.4	2681	9.8	85150.0	-0746.0	2771	9.3	90852.2	-0713.0
2502	9.1	82250.0	-0714.0	2592	9.2	83634.1	-0718.8	2682	9.6	85155.8	-0758.4	2772	7.5	90857.4	-0745.1
2503	10.	82259.5	-0750.0	2593	9.3	83714.4	-0701.9	2683	9.7	85204.4	-0720.6	2773	9.6	90910.5	-0719.6
2504	9.1	82303.0	-0737.1	2594	9.8	83722.9	-0710.9	2684	9.0	85226.9	-0741.7	2774	9.1	90959.8	-0750.4
2505	8.8	82314.7	-0715.6	2595	8.6	83727.3	-0755.3	2685	9.6	85228.5	-0730.5	2775	10.	91003.5	-0744.6
2506	8.8	82316.7	-0714.9	2596	9.4	83740.2	-0706.9	2686	9.7	85232.9	-0724.9	2776	9.1	91108.2	-0729.5
2507	9.5	82324.3	-0753.0	2597	7.6	83746.1	-0744.0	2687	10.	85251.4	-0754.8	2777	9.5	91157.2	-0758.3
2508	8.6	82325.0	-0731.4	2598	9.8	83756.4	-0757.4	2688	9.1	85309.1	-0706.3	2778	8.2	91214.9	-0744.8

-07 2779 9h12m

-07 3138 10h47m

2779	9.0	91227.0	-0717.8	2869	9.0	93509.6	-0713.7	2959	9.7	95956.6	-0707.4	3049	9.7	102244.1	-0726.4
2780	9.8	91252.3	-0704.6	2870	9.8	93510.3	-0710.8	2960	9.1	95959.0	-0720.3	3050	9.8	102313.9	-0709.7
2781	9.5	91257.9	-0737.9	2871	9.1	93516.2	-0725.2	2961	7.5	100010.8	-0701.1	3051	9.1	102332.9	-0709.3
2782	8.7	91309.3	-0746.0	2872	9.6	93529.2	-0727.8	2962	9.7	100058.5	-0733.5	3052	9.0	102338.4	-0742.4
2783	9.4	91312.0	-0740.7	2873	9.0	93532.7	-0726.5	2963	8.8	100112.4	-0714.7	3053	9.3	102342.7	-0757.5
2784	8.8	91331.6	-0705.1	2874	10.	93558.5	-0701.9	2964	8.8	100115.3	-0700.5	3054	9.4	102406.9	-0747.8
2785	7.7	91336.4	-0707.4	2875	9.6	93656.8	-0728.8	2965	9.3	100121.3	-0726.7	3055	8.2	102459.5	-0727.0
2786	9.3	91345.0	-0705.3	2876	9.5	93702.2	-0745.8	2966	9.4	100149.8	-0719.6	3056	8.7	102507.9	-0747.8
2787	9.5	91357.9	-0741.2	2877	10.	93702.9	-0714.6	2967	10.	100202.0	-0711.9	3057	9.5	102544.7	-0724.3
2788	9.2	91419.8	-0741.4	2878	9.4	93720.3	-0729.4	2968	9.5	100204.4	-0729.1	3058	9.1	102615.8	-0747.5
2789	8.9	91444.8	-0747.7	2879	9.3	93735.7	-0723.8	2969	9.1	100222.3	-0722.4	3059	9.5	102618.6	-0734.5
2790	8.8	91451.0	-0721.8	2880	9.0	93801.9	-0717.0	2970	9.1	100237.2	-0721.9	3060	9.1	102657.0	-0725.6
2791	8.3	91524.7	-0750.8	2881	9.2	93812.0	-0712.9	2971	9.5	100247.9	-0706.3	3061	8.6	102734.5	-0710.7
2792	8.6	91544.4	-0701.1	2882	7.5	93815.7	-0748.5	2972	6.2	100255.8	-0741.5	3062	9.5	102738.3	-0741.3
2793	9.2	91545.9	-0716.4	2883	10.	93830.7	-0706.3	2973	9.4	100257.7	-0711.5	3063	10.	102740.6	-0735.2
2794	9.1	91548.2	-0727.3	2884	9.5	93835.0	-0739.0	2974	9.3	100303.4	-0728.1	3064	9.1	102746.3	-0712.5
2795	8.2	91558.6	-0705.8	2885	9.3	93859.0	-0757.2	2975	9.3	100303.9	-0712.3	3065	9.4	102833.3	-0711.5
2796	10.	91601.0	-0741.5	2886	10.	93908.8	-0755.8	2976	9.4	100321.2	-0719.2	3066	7.7	102855.8	-0746.8
2797	9.6	91614.0	-0757.6	2887	10.	93916.9	-0705.1	2977	6.0	100343.3	-0742.1	3067	10.	102907.9	-0752.9
2798	8.5	91614.2	-0703.2	2888	9.5	93934.6	-0742.9	2978	9.7	100352.9	-0744.7	3068	9.6	102925.0	-0719.4
2799	9.8	91622.2	-0754.5	2889	9.1	93950.8	-0751.2	2979	8.3	100458.4	-0707.0	3069	8.2	102927.7	-0757.8
2800	9.8	91636.8	-0708.0	2890	9.3	94022.1	-0739.1	2980	9.9	100525.6	-0735.1	3070	8.4	102939.4	-0701.6
2801	9.5	91652.8	-0715.0	2891	9.5	94027.7	-0714.0	2981	8.0	100535.4	-0709.4	3071	9.3	102944.2	-0743.6
2802	9.3	91731.1	-0726.4	2892	9.9	94034.8	-0757.1	2982	8.4	100556.2	-0717.1	3072	9.0	102956.8	-0711.8
2803	8.8	91737.3	-0734.5	2893	9.3	94037.8	-0750.9	2983	9.4	100557.3	-0709.7	3073	9.1	103000.5	-0720.3
2804	9.4	91739.3	-0730.8	2894	8.7	94041.7	-0749.3	2984	9.8	100558.5	-0714.4	3074	9.8	103003.6	-0755.6
2805	9.2	91844.0	-0711.7	2895	8.1	94053.9	-0729.9	2985	8.2	100603.4	-0743.7	3075	9.6	103009.4	-0743.2
2806	8.7	91917.0	-0758.7	2896	9.5	94101.8	-0703.5	2986	9.1	100607.2	-0746.7	3076	9.4	103024.1	-0707.1
2807	8.8	91919.4	-0700.4	2897	9.5	94105.3	-0718.8	2987	9.2	100623.1	-0722.2	3077	9.4	103035.6	-0718.3
2808	9.2	91934.6	-0726.7	2898	9.0	94139.7	-0749.6	2988	9.5	100646.6	-0740.8	3078	9.1	103052.3	-0744.2
2809	9.7	91950.5	-0725.5	2899	10.	94145.8	-0706.1	2989	7.3	100654.9	-0715.9	3079	9.0	103118.3	-0747.0
2810	9.1	92006.9	-0724.6	2900	9.0	94153.6	-0748.5	2990	9.1	100659.7	-0736.3	3080	9.8	103135.0	-0734.7
2811	9.4	92021.3	-0708.6	2901	9.5	94203.4	-0744.5	2991	10.	100711.7	-0747.2	3081	8.5	103135.3	-0728.2
2812	9.8	92047.0	-0731.6	2902	9.5	94246.4	-0737.2	2992	9.4	100748.3	-0705.3	3082	9.0	103213.9	-0751.8
2813	7.2	92103.3	-0705.4	2903	10.	94311.0	-0707.2	2993	9.8	100759.7	-0747.3	3083	7.7	103215.1	-0712.0
2814	8.0	92111.6	-0727.7	2904	9.2	94329.7	-0714.3	2994	9.8	100803.1	-0754.2	3084	9.5	103239.4	-0729.6
2815	9.8	92134.1	-0749.7	2905	9.2	94342.9	-0738.2	2995	9.9	100825.9	-0727.8	3085	9.2	103247.2	-0705.1
2816	9.1	92141.8	-0754.3	2906	9.0	94413.2	-0753.1	2996	9.7	100913.2	-0737.1	3086	9.5	103301.3	-0704.0
2817	9.6	92143.4	-0708.5	2907	9.6	94419.1	-0706.6	2997	9.3	100924.5	-0713.9	3087	9.6	103314.9	-0720.3
2818	9.1	92147.5	-0729.1	2908	8.9	94442.3	-0715.8	2998	8.9	100936.7	-0755.5	3088	9.5	103330.6	-0743.2
2819	8.0	92147.9	-0750.1	2909	6.0	94520.1	-0725.3	2999	9.2	100941.0	-0716.7	3089	9.0	103401.6	-0711.9
2820	9.6	92224.5	-0718.8	2910	9.2	94536.3	-0706.1	3000	9.4	101017.2	-0726.2	3090	10.	103418.5	-0707.1
2821	9.4	92232.3	-0713.8	2911	9.8	94544.2	-0702.7	3001	5.5	101025.1	-0720.7	3091	10.	103418.7	-0715.2
2822	9.7	92244.3	-0738.0	2912	9.3	94549.4	-0736.2	3002	8.9	101045.4	-0709.8	3092	9.8	103430.8	-0749.7
2823	9.8	92322.8	-0711.7	2913	9.2	94555.0	-0703.2	3003	9.7	101116.6	-0742.2	3093	9.1	103434.8	-0758.7
2824	8.6	92332.9	-0742.8	2914	9.2	94559.7	-0712.3	3004	10.	101128.1	-0710.9	3094	7.3	103435.9	-0718.1
2825	9.3	92334.0	-0719.0	2915	9.2	94620.1	-0721.4	3005	8.7	101129.8	-0756.2	3095	9.1	103455.7	-0725.5
2826	8.9	92343.6	-0746.6	2916	9.4	94633.2	-0757.0	3006	9.3	101211.0	-0702.0	3096	10.	103500.8	-0717.3
2827	8.9	92344.7	-0734.9	2917	10.	94653.3	-0732.6	3007	9.3	101243.7	-0758.6	3097	6.9	103511.3	-0757.9
2828	8.5	92359.0	-0757.6	2918	10.	94700.8	-0719.4	3008	9.7	101247.0	-0710.8	3098	9.8	103514.1	-0713.9
2829	8.3	92414.1	-0730.5	2919	10.	94709.8	-0731.6	3009	8.8	101300.2	-0714.3	3099	9.0	103517.1	-0734.9
2830	9.6	92420.2	-0702.5	2920	8.4	94729.1	-0707.5	3010	9.4	101334.7	-0749.1	3100	9.5	103541.9	-0712.3
2831	8.9	92427.6	-0732.2	2921	9.2	94737.0	-0716.3	3011	8.7	101336.5	-0715.3	3101	9.8	103636.4	-0756.5
2832	9.3	92454.6	-0756.4	2922	9.4	94803.0	-0700.7	3012	8.4	101339.9	-0749.9	3102	8.8	103656.0	-0752.4
2833	9.7	92500.8	-0716.8	2923	10.	94813.3	-0732.6	3013	9.7	101351.6	-0713.7	3103	9.3	103714.9	-0738.4
2834	8.8	92516.2	-0705.8	2924	10.	94818.5	-0736.7	3014	8.2	101356.8	-0758.8	3104	9.0	103750.1	-0716.1
2835	9.8	92537.1	-0759.5	2925	9.5	94836.1	-0710.9	3015	9.4	101358.7	-0731.6	3105	8.2	103811.4	-0750.6
2836	7.0	92554.6	-0751.9	2926	9.2	94859.9	-0703.5	3016	9.5	101358.7	-0707.4	3106	9.0	103825.2	-0704.8
2837	9.2	92609.6	-0728.7	2927	9.4	94924.7	-0708.5	3017	9.5	101419.0	-0736.7	3107	8.8	103851.7	-0717.5
2838	9.5	92614.1	-0704.8	2928	9.7	94928.8	-0756.2	3018	9.3	101501.7	-0757.7	3108	9.4	103902.5	-0758.8
2839	9.4	92616.6	-0704.8	2929	9.4	94930.4	-0715.5	3019	9.2	101545.1	-0727.0	3109	9.2	103905.1	-0721.4
2840	9.3	92635.3	-0703.7	2930	10.	95005.9	-0707.5	3020	9.7	101554.8	-0726.1	3110	9.6	103913.3	-0750.2
2841	9.8	92717.6	-0736.4	2931	8.6	95015.6	-0729.2	3021	7.9	101601.8	-0702.5	3111	9.4	103920.2	-0730.0
2842	9.1	92745.0	-0733.2	2932	10.	95059.6	-0729.8	3022	9.5	101606.6	-0743.2	3112	9.5	103946.1	-0758.1
2843	8.0	92829.0	-0756.9	2933	10.	95124.0	-0703.7	3023	9.7	101617.7	-0740.9	3113	9.5	103953.2	-0708.4
2844	10.	92830.7	-0713.3	2934	8.5	95130.5	-0733.8	3024	9.6	101629.6	-0700.8	3114	9.0	104014.4	-0720.4
2845	9.5	92921.1	-0702.7	2935	9.4	95135.1	-0718.9	3025	10.	101700.0	-0700.9	3115	9.3	104031.8	-0738.1
2846	8.2	92935.2	-0758.2	2936	7.8	95221.0	-0710.0	3026	8.9	101724.1	-0755.5	3116	8.8	104121.7	-0731.9
2847	9.2	92956.5	-0718.7	2937	9.5	95252.3	-0728.5	3027	10.	101734.4	-0705.1	3117	9.0	104131.2	-0758.9
2848	9.8	93007.7	-0745.6	2938	9.1	95310.4	-0703.4	3028	9.9	101738.8	-0710.3	3118	8.6	104141.7	-0724.4
2849	10.	93024.2	-0742.7	2939	9.4	95404.2	-0748.9	3029	9.8	101834.7	-0732.2	3119	9.5	104203.2	-0744.5
2850	9.2	93046.6	-0740.4	2940	9.4	95416.9	-0729.1	3030	7.5	101841.5	-0707.0	3120	9.4	104216.0	-0750.9
2851	9.2	93106.5	-0735.1	2941	9.5	95434.3	-0728.1	3031	9.6	101852.6	-0729.9	3121	9.5	104234.7	-0753.3
2852	8.8	93108.9	-0725.6	2942	9.1	95443.8	-0728.0	3032	10.	101911.5	-0737.6	3122	10.	104248.1	-0730.0
2853	8.8	93123.0	-0700.2	2943	9.3	95458.7	-0704.3	3033	10.	101922.1	-0753.7	3123	9.5	104259.3	-0747.2
2854	10.	93148.3	-0747.4	2944	9.0	95517.6	-0722.1	3034	9.4	101942.3	-0738.4	3124	8.3	104311.8	-0742.1
2855	9.5	93149.3	-0720.0	2945	9.6	95544.1	-0720.5	3035	9.3	101946.9	-0756.4	3125	9.8	104321.1	-0704.1
2856	9.2	93229.9	-0753.9	2946	8.3	95602.1	-0752.6	3036	10.	101949.1	-0730.0	3126	9.1	104336.1	-0758.7
2857	9.0	93237.9	-0728.1	2947	9.5	95604.2	-0753.4	3037	9.8	101953.4	-0715.7	3127	9.4	104344.0	-0718.6
2858	9.8	93303.2	-0711.8	2948	8.6	95637.9	-0740.8	3038	9.2	102001.4	-0743.3	3128	9.8	104404.9	-0759.0
2859	9.8	93303.4	-0727.5	2949	9.5	95658.5	-0716.9	3039	8.1	102008.1	-0703.7	3129	8.5	104424.0	-0718.0
2860	9.0	93308.6	-0711.6	2950	9.7	95751.3	-0734.3	3040	10.	102020.5	-0701.3	3130	8.5	104508.2	-0749.0
2861	9.8	93353.2	-0747.9	2951	20.0	95800.8	-0701.2	3041	9.3	102035.4	-0710.2	3131	9.5	104519.3	-0749.2
2862	9.7	93404.4	-0713.7	2952	9.5	95808.3	-0724.2	3042	8.7	102111.7	-0733.0	3132	9.6	104541.6	-0702.5
2863	9.5	93418.1	-0740.8	2953	10.	95811.0	-0757.9	3043	9.4	102143.3	-0757.0	3133	9.0	104614.0	-0718.1
2864	9.5	93431.5	-0751.2	2954	9.4	95834.6	-0700.6	3044	9.1	102202.0	-0722.0	3134	9.5	104614.6	-0731.8
2865	9.6	93441.8	-0711.5	2955	9.5	95843.1	-0720.7	3045	9.4	102218.5	-0750.7	3135	9.5	104635.2	-0737.1
2866	9.4	93456.4	-0713.6	2956	9.3	95859.2	-0741.3	3046	9.8	102221.4	-0749.8	3136	9.2	104654.7	-0734.3
2867	8.2	93502.6	-0706.5	2957	9.2	95919.6	-0751.2	3047	9.8	102241.7	-0709.7	3137	9.8	104717.5	-0713.7
2868	9.1	93509.2	-0721.9	2958	9.4	95922.7	-0732.6	3048	9.9	102241.8	-0759.2	3138	8.5	104721.0	-0756.0

-07 3139 10h47m

-07 3498 12h44m

3139	8.0	104728.7	-0736.5	3229	9.2	111704.5	-0728.3	3319	9.4	114930.2	-0741.9	3409	6.3	122027.7	-0752.4
3140	9.9	104735.9	-0717.3	3230	9.4	111726.1	-0741.9	3320	9.2	114943.5	-0758.0	3410	9.3	122042.8	-0720.7
3141	8.6	104759.1	-0722.7	3231	8.0	111746.0	-0740.3	3321	10.	114953.0	-0750.9	3411	9.0	122110.0	-0728.4
3142	9.4	104837.0	-0736.3	3232	9.5	111751.1	-0742.1	3322	6.6	115020.8	-0744.7	3412	9.5	122131.4	-0708.9
3143	9.4	104859.5	-0730.1	3233	8.3	111809.0	-0703.2	3323	7.6	115021.2	-0728.2	3413	9.3	122148.1	-0748.8
3144	9.2	104909.7	-0750.2	3234	9.5	111828.1	-0746.4	3324	9.5	115045.6	-0758.1	3414	9.5	122222.8	-0712.0
3145	9.5	105004.1	-0751.3	3235	10.	111830.2	-0743.5	3325	9.6	115105.6	-0730.6	3415	9.4	122240.3	-0700.4
3146	10.	105017.5	-0707.4	3236	9.4	111931.0	-0707.2	3326	8.5	115117.7	-0711.9	3416	9.4	122240.9	-0723.8
3147	8.8	105020.5	-0731.0	3237	9.1	112007.7	-0714.4	3327	9.4	115126.2	-0743.1	3417	9.2	122244.8	-0721.9
3148	9.8	105045.0	-0726.4	3238	9.4	112013.3	-0726.1	3328	9.4	115128.7	-0736.0	3418	9.1	122313.7	-0714.2
3149	9.0	105046.5	-0704.7	3239	9.5	112021.3	-0722.3	3329	9.0	115132.4	-0715.3	3419	9.5	122343.1	-0742.5
3150	9.3	105057.6	-0715.1	3240	8.7	112146.5	-0713.2	3330	9.5	115240.0	-0720.2	3420	8.8	122358.3	-0721.6
3151	9.8	105114.7	-0742.0	3241	9.3	112159.9	-0757.5	3331	8.9	115249.1	-0700.6	3421	9.2	122404.0	-0751.8
3152	9.5	105133.1	-0736.7	3242	9.4	112202.5	-0713.0	3332	8.0	115401.6	-0720.9	3422	9.2	122407.5	-0743.3
3153	9.2	105210.9	-0712.6	3243	9.8	112207.0	-0757.0	3333	9.5	115403.9	-0726.1	3423	8.3	122433.0	-0748.4
3154	9.2	105239.0	-0757.0	3244	9.2	112238.0	-0715.6	3334	9.0	115417.2	-0734.3	3424	9.5	122451.9	-0716.1
3155	10.	105258.4	-0732.7	3245	9.5	112321.6	-0745.4	3335	9.5	115431.6	-0706.9	3425	9.3	122515.6	-0750.9
3156	9.9	105300.2	-0726.6	3246	9.2	112406.6	-0726.1	3336	9.5	115436.1	-0730.0	3426	9.5	122527.5	-0752.6
3157	9.8	105319.8	-0724.2	3247	9.0	112420.8	-0748.1	3337	9.4	115534.8	-0756.5	3427	9.1	122536.7	-0739.5
3158	9.0	105402.0	-0728.5	3248	9.5	112438.6	-0747.2	3338	9.3	115544.2	-0754.8	3428	9.2	122544.8	-0723.6
3159	9.8	105451.4	-0722.7	3249	9.5	112524.2	-0712.1	3339	7.7	115718.6	-0710.3	3429	9.4	122601.9	-0718.4
3160	10.	105504.8	-0709.4	3250	6.3	112525.6	-0701.8	3340	8.3	115735.1	-0743.1	3430	9.3	122621.8	-0739.5
3161	9.5	105511.1	-0707.2	3251	10.	112648.1	-0741.7	3341	9.4	115825.0	-0712.5	3431	9.4	122630.0	-0740.8
3162	9.2	105511.4	-0727.2	3252	9.8	112648.8	-0730.9	3342	9.1	115826.3	-0720.1	3432	9.5	122633.3	-0704.3
3163	8.2	105542.8	-0736.5	3253	9.5	112650.9	-0712.5	3343	9.3	115847.5	-0725.2	3433	9.2	122634.9	-0708.1
3164	9.8	105610.7	-0712.5	3254	10.	112722.4	-0721.7	3344	9.5	115918.5	-0705.1	3434	9.1	122703.4	-0735.5
3165	9.2	105637.0	-0709.9	3255	8.8	112730.5	-0707.6	3345	7.0	120022.4	-0740.9	3435	9.0	122712.3	-0715.5
3166	9.2	105643.4	-0727.0	3256	9.7	112814.5	-0704.6	3346	9.7	120028.2	-0717.6	3436	9.8	122749.4	-0733.4
3167	9.5	105717.4	-0734.3	3257	9.8	112841.4	-0714.1	3347	9.5	120033.1	-0743.2	3437	10.	122750.0	-0725.2
3168	9.8	105722.1	-0754.6	3258	9.5	112850.0	-0723.9	3348	9.3	120054.9	-0752.4	3438	9.8	122803.2	-0758.8
3169	9.3	105829.8	-0721.9	3259	9.3	112901.4	-0711.1	3349	9.3	120112.5	-0718.6	3439	8.7	122809.5	-0749.5
3170	9.4	105913.4	-0703.7	3260	9.5	112906.2	-0747.0	3350	9.8	120117.2	-0724.1	3440	9.8	122813.4	-0730.7
3171	9.6	105920.5	-0701.7	3261	9.5	112912.5	-0746.9	3351	9.5	120130.0	-0759.2	3441	9.4	122825.7	-0721.8
3172	9.8	105942.9	-0731.4	3262	9.7	113012.4	-0726.1	3352	9.4	120152.1	-0749.2	3442	9.4	122845.3	-0730.4
3173	9.2	105953.2	-0714.0	3263	8.5	113021.1	-0720.8	3353	9.8	120159.9	-0707.8	3443	7.3	122953.1	-0729.7
3174	8.5	105959.0	-0749.0	3264	9.5	113026.1	-0741.7	3354	9.0	120213.1	-0745.5	3444	9.4	122953.4	-0748.0
3175	9.0	110004.5	-0734.1	3265	9.5	113040.1	-0741.9	3355	9.7	120232.1	-0702.2	3445	9.4	123029.9	-0749.4
3176	9.3	110016.3	-0747.5	3266	9.5	113055.7	-0743.7	3356	9.2	120254.3	-0759.4	3446	9.1	123039.8	-0727.7
3177	9.4	110026.3	-0718.7	3267	9.5	113058.4	-0741.0	3357	9.7	120255.2	-0715.1	3447	9.5	123114.3	-0735.2
3178	9.5	110047.3	-0705.0	3268	9.2	113209.2	-0753.6	3358	9.4	120303.4	-0727.9	3448	9.0	123120.7	-0758.8
3179	9.3	110050.8	-0709.2	3269	9.8	113247.4	-0703.7	3359	9.5	120340.9	-0742.6	3449	9.5	123131.6	-0721.5
3180	9.1	110111.0	-0722.3	3270	9.8	113254.6	-0749.1	3360	8.7	120352.0	-0704.9	3450	9.5	123134.9	-0729.3
3181	9.8	110217.3	-0709.0	3271	7.0	113313.6	-0735.7	3361	9.5	120402.1	-0711.0	3451	8.8	123135.2	-0707.0
3182	9.1	110233.6	-0737.8	3272	9.2	113324.1	-0745.1	3362	9.5	120405.8	-0745.9	3452	5.0	123145.9	-0711.7
3183	9.4	110235.3	-0755.5	3273	9.5	113438.7	-0736.0	3363	9.7	120452.0	-0711.8	3453	9.5	123152.0	-0704.8
3184	9.5	110327.4	-0700.3	3274	9.5	113521.6	-0746.0	3364	9.4	120513.9	-0746.2	3454	8.8	123154.4	-0713.6
3185	9.0	110344.3	-0714.2	3275	9.5	113536.9	-0745.1	3365	9.5	120523.6	-0707.9	3455	9.5	123201.6	-0730.4
3186	9.0	110345.9	-0727.7	3276	9.1	113551.2	-0753.9	3366	9.5	120547.3	-0727.9	3456	9.5	123246.9	-0749.2
3187	9.4	110406.6	-0703.6	3277	8.7	113614.6	-0714.6	3367	8.5	120610.2	-0729.7	3457	9.7	123256.7	-0702.3
3188	8.8	110410.0	-0753.0	3278	8.5	113709.9	-0717.0	3368	9.0	120621.7	-0718.9	3458	7.5	123311.9	-0738.8
3189	9.1	110411.0	-0728.6	3279	8.5	113718.4	-0701.3	3369	9.5	120629.1	-0716.1	3459	9.4	123319.3	-0700.8
3190	9.6	110431.9	-0750.8	3280	9.5	113726.8	-0701.3	3370	8.9	120650.3	-0746.5	3460	10.	123327.9	-0748.3
3191	9.3	110459.8	-0738.2	3281	9.5	113735.0	-0743.1	3371	9.1	120654.8	-0758.9	3461	9.3	123329.2	-0759.2
3192	9.2	110515.7	-0732.9	3282	9.0	113905.9	-0728.4	3372	9.8	120700.6	-0726.0	3462	9.2	123331.0	-0757.8
3193	9.6	110520.9	-0702.1	3283	9.4	113910.5	-0738.3	3373	8.5	120729.8	-0748.7	3463	8.9	123349.0	-0758.8
3194	9.0	110546.6	-0725.5	3284	9.9	113913.1	-0745.4	3374	8.9	120747.2	-0739.3	3464	10.	123351.7	-0717.7
3195	9.1	110555.8	-0715.9	3285	9.2	113916.2	-0754.4	3375	9.5	120809.2	-0721.9	3465	9.3	123425.1	-0701.3
3196	9.1	110641.7	-0748.2	3286	9.4	113925.0	-0739.0	3376	9.0	120815.8	-0746.3	3466	9.7	123439.6	-0702.5
3197	7.2	110653.1	-0732.4	3287	9.8	114000.0	-0732.3	3377	9.0	120826.9	-0710.6	3467	8.8	123535.6	-0748.7
3198	9.3	110712.6	-0759.9	3288	8.5	114035.6	-0749.2	3378	9.5	120854.7	-0727.0	3468	9.6	123542.5	-0742.0
3199	9.4	110801.8	-0702.4	3289	9.7	114038.2	-0711.1	3379	10.	120855.0	-0706.3	3469	9.5	123550.6	-0750.6
3200	9.8	110906.5	-0700.7	3290	9.1	114039.7	-0719.9	3380	9.3	120915.2	-0732.2	3470	9.7	123608.2	-0754.8
3201	9.5	110910.5	-0720.5	3291	9.4	114039.9	-0730.5	3381	9.8	120924.8	-0738.0	3471	9.4	123613.6	-0741.6
3202	9.2	110917.9	-0752.9	3292	9.6	114125.5	-0738.3	3382	9.6	120949.1	-0700.7	3472	10.	123618.4	-0740.9
3203	9.7	110936.3	-0759.7	3293	9.5	114136.0	-0735.3	3383	9.5	121004.8	-0758.4	3473	9.9	123624.0	-0743.9
3204	9.2	110937.1	-0726.4	3294	9.3	114208.0	-0706.5	3384	8.7	121009.4	-0735.1	3474	8.6	123636.8	-0728.5
3205	8.8	110941.8	-0743.3	3295	8.7	114226.6	-0715.2	3385	9.1	121018.1	-0722.6	3475	10.	123640.2	-0727.1
3206	9.3	111024.7	-0738.7	3296	9.6	114237.5	-0741.8	3386	9.6	121112.6	-0709.6	3476	8.8	123643.6	-0703.7
3207	9.8	111026.6	-0759.8	3297	10.	114243.7	-0758.5	3387	9.4	121213.6	-0731.8	3477	9.4	123650.3	-0752.8
3208	9.5	111036.6	-0717.8	3298	9.0	114253.0	-0747.8	3388	8.5	121237.4	-0719.5	3478	7.3	123729.8	-0744.0
3209	9.6	111047.7	-0706.8	3299	10.	114315.0	-0704.5	3389	9.5	121241.3	-0754.3	3479	9.3	123749.5	-0714.6
3210	9.0	111100.8	-0719.3	3300	10.	114329.9	-0707.3	3390	9.3	121248.5	-0700.9	3480	8.5	123758.4	-0753.1
3211	9.0	111210.2	-0748.5	3301	9.7	114340.0	-0704.7	3391	9.5	121254.1	-0734.5	3481	9.1	123812.2	-0701.0
3212	9.4	111253.0	-0742.4	3302	9.1	114344.2	-0715.3	3392	9.5	121302.3	-0740.8	3482	9.3	123846.1	-0704.8
3213	9.0	111315.4	-0747.3	3303	7.0	114347.2	-0711.0	3393	9.4	121332.2	-0714.6	3483	9.5	123853.1	-0704.1
3214	9.1	111324.2	-0744.1	3304	9.5	114423.5	-0748.7	3394	9.5	121407.6	-0734.9	3484	9.6	123903.8	-0742.9
3215	9.4	111326.6	-0751.8	3305	9.4	114434.9	-0735.7	3395	9.0	121416.0	-0706.5	3485	9.5	123932.3	-0750.2
3216	9.2	111346.1	-0739.5	3306	9.0	114512.3	-0727.8	3396	9.4	121423.9	-0704.3	3486	9.5	124022.6	-0731.0
3217	9.1	111350.7	-0703.1	3307	9.2	114513.2	-0707.0	3397	9.5	121429.4	-0753.0	3487	9.5	124036.8	-0750.2
3218	9.8	111411.2	-0743.4	3308	9.4	114527.3	-0728.1	3398	8.5	121436.7	-0745.0	3488	8.8	124059.2	-0715.1
3219	10.	111428.7	-0741.7	3309	9.9	114527.7	0755.4	3399	9.5	121444.2	-0748.1	3489	10.	124109.4	-0712.8
3220	9.0	111451.0	-0731.1	3310	10.	114624.7	-0700.5	3400	9.1	121511.0	-0725.6	3490	9.4	124130.8	-0752.2
3221	10.	111452.5	-0729.5	3311	9.4	114634.4	-0735.6	3401	8.6	121628.0	-0734.1	3491	9.5	124152.3	-0752.9
3222	9.6	111505.7	-0751.5	3312	9.6	114640.2	-0712.7	3402	9.5	121650.3	-0742.3	3492	9.8	124250.0	-0710.9
3223	8.2	111509.8	-0716.4	3313	9.1	114640.3	-0754.1	3403	9.5	121744.2	-0719.8	3493	9.5	124319.7	-0746.8
3224	8.4	111527.1	-0718.2	3314	9.1	114739.8	-0730.1	3404	9.1	121806.8	-0729.5	3494	9.5	124342.2	-0734.9
3225	9.4	111534.1	-0706.0	3315	9.5	114741.6	-0755.2	3405	9.5	121808.1	-0745.1	3495	10.	124358.0	-0711.3
3226	9.8	111540.6	-0716.7	3316	8.5	114818.7	-0723.9	3406	9.0	121922.8	-0749.3	3496	9.3	124414.4	-0756.2
3227	10.	111627.8	-0759.1	3317	9.8	114820.3	-0732.8	3407	9.5	121944.9	-0708.6	3497	8.4	124432.5	-0743.7
3228	9.4	111633.7	-0752.6	3318	9.9	114825.9	-0740.1	3408	9.3	121948.4	-0713.9	3498	10.	124456.3	-0700.1

-07 3499 12h45m

-07 3858 14h23m

3499	10.	124505.6	-0737.5	3589	9.7	131143.2	-0706.2	3679	9.5	133542.8	-0717.0	3769	9.2	135926.1	-0759.5
3500	9.4	124510.9	-0721.2	3590	9.6	131202.7	-0743.9	3680	9.5	133552.1	-0735.3	3770	8.0	135929.7	-0745.0
3501	8.4	124514.0	-0755.1	3591	9.8	131219.8	-0710.4	3681	9.1	133552.8	-0726.4	3771	9.1	135938.6	-0725.5
3502	9.4	124530.5	-0709.8	3592	9.4	131251.7	-0710.7	3682	9.0	133608.4	-0716.8	3772	9.4	135944.9	-0702.5
3503	8.0	124605.9	-0702.8	3593	8.7	131305.8	-0758.6	3683	9.5	133623.1	-0710.5	3773	10.	140031.3	-0708.0
3504	8.8	124610.3	-0757.1	3594	9.5	131315.5	-0728.8	3684	9.0	133626.4	-0701.9	3774	9.5	140032.8	-0749.0
3505	9.1	124639.7	-0720.2	3595	9.5	131317.3	-0708.1	3685	8.5	133635.0	-0745.3	3775	9.5	140102.0	-0737.5
3506	9.5	124715.5	-0719.2	3596	9.0	131322.4	-0721.5	3686	9.8	133702.8	-0749.1	3776	9.5	140111.6	-0732.0
3507	9.5	124724.2	-0745.1	3597	9.7	131358.4	-0757.6	3687	9.5	133703.2	-0704.0	3777	9.5	140122.1	-0736.2
3508	9.1	124740.7	-0750.8	3598	9.8	131414.8	-0722.1	3688	10.	133730.8	-0719.4	3778	8.5	140124.7	-0719.1
3509	8.9	124804.4	-0756.2	3599	8.5	131444.1	-0756.0	3689	10.	133757.8	-0719.0	3779	8.9	140205.0	-0708.0
3510	9.1	124816.9	-0724.2	3600	9.4	131455.0	-0755.4	3690	9.8	133800.3	-0703.3	3780	10.	140209.6	-0705.5
3511	10.	124842.2	-0723.9	3601	9.4	131517.7	-0718.9	3691	9.8	133813.2	-0724.2	3781	9.5	140219.5	-0726.8
3512	9.1	124852.3	-0742.7	3602	9.3	131533.3	-0706.2	3692	9.9	133814.4	-0715.2	3782	8.7	140225.2	-0741.3
3513	9.5	124900.6	-0724.4	3603	9.7	131539.2	-0719.6	3693	9.9	133818.0	-0734.7	3783	10.	140235.5	-0714.2
3514	9.3	125009.6	-0755.8	3604	9.4	131545.7	-0758.5	3694	8.5	133818.0	-0738.0	3784	9.5	140249.9	-0733.8
3515	7.7	125128.6	-0757.0	3605	10.	131550.0	-0714.7	3695	9.5	133819.2	-0723.0	3785	9.3	140310.4	-0757.0
3516	9.5	125133.9	-0706.5	3606	9.2	131553.2	-0755.1	3696	9.6	133830.7	-0731.5	3786	9.4	140329.5	-0722.8
3517	9.0	125137.1	-0746.7	3607	9.0	131611.6	-0744.7	3697	9.3	133843.7	-0759.3	3787	10.	140331.9	-0732.4
3518	9.5	125224.9	-0707.1	3608	9.3	131617.0	-0723.5	3698	8.8	133843.9	-0742.8	3788	9.2	140346.2	-0702.3
3519	9.8	125234.5	-0721.3	3609	9.8	131643.8	-0707.2	3699	10.	133849.0	-0739.9	3789	9.3	140406.3	-0753.0
3520	9.4	125245.3	-0752.0	3610	9.6	131645.1	-0723.5	3700	8.5	133944.0	-0746.4	3790	9.1	140452.1	-0732.7
3521	8.9	125252.1	-0751.6	3611	9.8	131707.9	-0724.6	3701	9.8	133954.1	-0754.5	3791	10.	140516.7	-0728.1
3522	8.9	125257.2	-0750.9	3612	9.7	131722.1	-0724.8	3702	9.0	133957.0	-0745.3	3792	10.	140523.7	-0755.7
3523	9.1	125301.9	-0712.2	3613	10.	131806.9	-0735.3	3703	10.	134004.7	-0715.4	3793	8.2	140536.8	-0759.4
3524	9.4	125323.4	-0702.5	3614	9.0	131827.9	-0747.1	3704	8.0	134026.4	-0717.7	3794	7.0	140538.7	-0745.8
3525	8.5	125351.2	-0738.9	3615	9.6	131836.7	-0730.1	3705	9.6	134103.6	-0758.7	3795	9.5	140553.8	-0738.1
3526	9.4	125421.0	-0748.1	3616	10.	131928.5	-0747.2	3706	8.0	134112.3	-0728.1	3796	10.	140600.9	-0743.4
3527	9.8	125431.5	-0749.2	3617	9.6	131941.4	-0758.9	3707	10.	134117.3	-0710.8	3797	10.	140603.1	-0751.4
3528	9.2	125452.5	-0718.8	3618	9.0	131953.2	-0753.0	3708	9.0	134156.3	-0732.1	3798	9.5	140622.8	-0750.6
3529	9.4	125458.9	-0711.7	3619	9.4	132007.1	-0707.1	3709	9.4	134217.1	-0712.3	3799	8.5	140628.3	-0750.6
3530	9.8	125526.3	-0726.5	3620	9.8	132019.2	-0704.7	3710	9.2	134225.9	-0703.7	3800	9.3	140640.2	-0708.8
3531	9.0	125532.6	-0708.5	3621	9.5	132022.9	-0724.3	3711	9.0	134301.2	-0724.5	3801	9.4	140642.8	-0757.7
3532	9.4	125540.1	-0749.9	3622	9.2	132046.3	-0748.4	3712	7.0	134313.9	-0703.4	3802	9.7	140732.3	-0701.8
3533	9.1	125548.9	-0731.5	3623	9.5	132126.1	-0740.8	3713	9.7	134314.7	-0717.0	3803	9.8	140732.9	-0716.7
3534	9.5	125600.4	-0739.4	3624	10.	132128.0	-0717.3	3714	9.5	134347.6	-0738.0	3804	9.8	140746.7	-0705.5
3535	9.5	125608.9	-0743.9	3625	10.	132146.0	-0709.7	3715	9.7	134409.6	-0759.9	3805	9.0	140808.5	-0741.1
3536	9.7	125629.2	-0711.0	3626	10.	132155.2	-0726.6	3716	8.8	134443.3	-0709.0	3806	9.6	140843.3	-0745.7
3537	9.5	125633.8	-0717.5	3627	9.8	132156.7	-0712.7	3717	10.	134445.5	-0706.0	3807	9.3	140916.6	-0702.4
3538	8.3	125646.2	-0757.0	3628	9.8	132215.9	-0707.4	3718	9.5	134502.9	-0736.2	3808	9.5	140931.1	-0743.2
3539	9.4	125713.5	-0745.0	3629	9.3	132235.5	-0755.8	3719	8.5	134523.0	-0700.8	3809	9.5	140939.7	-0730.5
3540	7.8	125714.5	-0747.2	3630	10.	132238.8	-0750.7	3720	9.8	134537.1	-0759.2	3810	9.3	140950.9	-0731.0
3541	9.4	125717.3	-0725.3	3631	9.1	132242.8	-0750.5	3721	8.9	134539.1	-0723.0	3811	9.0	141009.6	-0743.5
3542	8.5	125748.7	-0722.0	3632	9.5	132248.0	-0748.3	3722	9.6	134543.6	-0727.4	3812	9.3	141010.1	-0728.4
3543	9.4	125809.4	-0730.2	3633	8.1	132319.2	-0706.7	3723	8.0	134616.4	-0746.0	3813	7.2	141019.2	-0717.3
3544	10.	125817.2	-0714.9	3634	9.7	132336.9	-0758.8	3724	9.9	134618.3	-0702.7	3814	10.	141035.6	-0719.2
3545	8.5	125824.2	-0754.8	3635	8.2	132355.6	-0715.2	3725	9.6	134620.6	-0727.1	3815	9.6	141046.3	-0724.3
3546	10.	125831.9	-0753.9	3636	9.9	132413.1	-0714.8	3726	9.5	134706.8	-0704.7	3816	10.	141057.2	-0758.5
3547	9.4	125832.0	-0746.2	3637	9.5	132442.7	-0719.5	3727	9.5	134709.8	-0726.8	3817	10.	141125.1	-0714.7
3548	8.7	125838.4	-0738.8	3638	9.2	132443.9	-0717.7	3728	6.0	134722.6	-0721.1	3818	8.6	141140.0	-0710.7
3549	9.1	125859.1	-0742.4	3639	7.0	132537.0	-0742.0	3729	9.3	134724.2	-0758.0	3819	10.	141142.1	-0750.2
3550	8.9	125908.8	-0702.8	3640	9.8	132541.6	-0707.4	3730	9.6	134730.5	-0754.8	3820	9.4	141146.2	-0746.5
3551	8.8	125926.0	-0715.6	3641	9.6	132544.8	-0725.5	3731	9.0	134749.0	-0710.9	3821	9.8	141157.1	-0712.3
3552	8.5	130132.8	-0743.7	3642	7.5	132552.0	-0741.3	3732	9.5	134815.9	-0737.4	3822	8.4	141222.0	-0725.3
3553	8.2	130204.1	-0700.1	3643	7.0	132642.2	-0752.5	3733	10.	134817.4	-0730.2	3823	9.8	141329.1	-0700.9
3554	9.5	130236.7	-0728.9	3644	9.4	132655.7	-0750.9	3734	10.	134837.0	-0737.8	3824	10.	141344.6	-0727.3
3555	9.0	130246.3	-0749.7	3645	9.5	132703.2	-0758.2	3735	9.3	134851.5	-0713.8	3825	9.5	141352.7	-0731.4
3556	9.5	130300.5	-0719.5	3646	9.0	132709.0	-0735.9	3736	8.8	134854.4	-0751.0	3826	10.	141359.5	-0735.3
3557	9.5	130344.2	-0738.4	3647	8.8	132711.2	-0716.4	3737	9.7	134908.9	-0756.1	3827	9.6	141405.5	-0724.0
3558	8.9	130346.7	-0720.8	3648	10.	132714.3	-0741.1	3738	9.4	134916.3	-0720.2	3828	10.	141407.6	-0755.8
3559	9.0	130349.7	-0702.0	3649	9.5	132723.0	-0723.7	3739	9.9	135005.4	-0704.3	3829	9.4	141411.5	-0706.2
3560	9.0	130433.1	-0722.7	3650	9.5	132735.6	-0704.3	3740	9.5	135030.8	-0727.4	3830	10.	141411.5	-0728.6
3561	9.3	130434.6	-0721.5	3651	9.8	132741.1	-0757.8	3741	9.3	135043.0	-0702.4	3831	7.3	141421.3	-0725.4
3562	8.8	130445.2	-0742.2	3652	8.8	132823.2	-0750.1	3742	9.2	135044.4	-0735.1	3832	10.	141447.5	-0715.2
3563	8.8	130453.0	-0732.5	3653	10.	132831.6	-0705.4	3743	9.8	135116.4	-0707.6	3833	9.2	141455.6	-0702.7
3564	9.3	130513.5	-0756.1	3654	9.0	132835.8	-0721.6	3744	9.8	135123.3	-0702.2	3834	7.0	141458.5	-0706.1
3565	9.4	130514.4	-0757.1	3655	9.2	132851.9	-0759.5	3745	9.6	135144.3	-0746.2	3835	9.1	141501.4	-0734.9
3566	8.6	130542.9	-0709.9	3656	9.8	132853.2	-0754.8	3746	9.8	135211.4	-0706.2	3836	9.8	141532.6	-0709.7
3567	9.2	130546.0	-0748.0	3657	10.	132907.3	-0740.3	3747	10.	135221.3	-0742.4	3837	9.4	141533.8	-0727.6
3568	9.6	130611.7	-0755.0	3658	10.	132908.6	-0705.8	3748	6.5	135226.6	-0727.4	3838	9.8	141537.4	-0715.3
3569	9.4	130625.7	-0720.9	3659	8.8	132914.4	-0730.6	3749	9.8	135232.2	-0735.2	3839	9.8	141547.1	-0718.4
3570	9.3	130701.7	-0728.2	3660	9.5	132946.9	-0733.7	3750	8.2	135254.2	-0738.5	3840	10.	141629.0	-0700.1
3571	8.9	130722.4	-0712.1	3661	7.0	132959.6	-0707.7	3751	8.0	135313.5	-0722.0	3841	9.5	141715.3	-0730.5
3572	7.8	130756.4	-0717.2	3662	9.4	133035.2	-0751.2	3752	9.2	135319.7	-0709.6	3842	9.5	141756.0	-0745.6
3573	9.7	130801.2	-0743.0	3663	8.3	133103.5	-0741.2	3753	8.5	135323.3	-0744.8	3843	9.6	141802.6	-0757.3
3574	9.8	130825.2	-0739.0	3664	8.9	133105.6	-0744.3	3754	8.9	135401.0	-0725.1	3844	9.5	141805.5	-0738.5
3575	9.4	130839.6	-0741.2	3665	10.	133124.1	-0734.9	3755	8.5	135410.7	-0735.1	3845	9.7	141806.5	-0723.7
3576	9.6	130911.1	-0734.8	3666	10.	133151.8	-0715.2	3756	10.	135450.8	-0736.7	3846	9.6	141908.5	-0707.4
3577	8.3	130924.2	-0738.1	3667	10.	133201.1	-0734.4	3757	10.	135452.4	-0707.2	3847	10.	141922.6	-0733.6
3578	9.3	130927.0	-0700.0	3668	9.8	133205.3	-0728.1	3758	9.5	135523.6	-0719.6	3848	9.6	141925.1	-0703.2
3579	9.1	130937.6	-0733.6	3669	9.1	133218.5	-0757.6	3759	9.3	135553.5	-0750.7	3849	9.5	141932.7	-0740.7
3580	9.6	130956.6	-0713.6	3670	8.5	133240.9	-0717.1	3760	9.5	135553.7	-0745.7	3850	9.6	141932.8	-0736.7
3581	10.	131002.9	-0756.7	3671	8.7	133258.7	-0754.6	3761	9.3	135620.2	-0700.6	3851	8.7	142039.4	-0710.0
3582	6.7	131009.5	-0757.8	3672	8.3	133320.2	-0756.0	3762	8.5	135744.8	-0717.7	3852	9.5	142057.3	-0731.8
3583	9.6	131014.6	-0731.0	3673	8.9	133345.9	-0735.4	3763	10.	135814.6	-0704.5	3853	9.2	142124.3	-0712.3
3584	10.	131050.9	-0755.8	3674	5.3	133400.1	-0757.9	3764	9.4	135829.7	-0731.3	3854	8.7	142127.2	-0711.2
3585	10.	131106.2	-0727.6	3675	10.	133424.9	-0719.2	3765	9.5	135852.7	-0746.5	3855	9.5	142140.9	-0742.4
3586	10.	131106.4	-0707.1	3676	10.	133444.1	-0735.8	3766	9.8	135915.1	-0723.9	3856	9.0	142315.4	-0759.5
3587	8.5	131110.0	-0722.7	3677	9.3	133513.5	-0758.5	3767	9.2	135917.4	-0725.6	3857	9.9	142323.5	-0733.7
3588	10.	131138.2	-0711.6	3678	9.0	133528.8	-0716.8	3768	9.7	135920.9	-0710.6	3858	10.	142325.5	-0734.6

-07 3859 14h23m

-07 4218 16h02m

3859	9.8	142354.3	-0742.8	3949	9.6	145624.3	-0759.0	4039	9.1	152305.4	-0715.5	4129	9.5	154543.5	-0710.6
3860	9.5	142405.2	-0731.6	3950	10.	145628.6	-0712.3	4040	10.	152333.2	-0749.8	4130	8.5	154546.9	-0702.0
3861	9.5	142434.9	-0747.6	3951	9.0	145634.5	-0742.0	4041	9.5	152335.8	-0719.8	4131	8.2	154559.8	-0751.0
3862	9.1	142435.1	-0723.9	3952	9.5	145641.5	-0744.1	4042	9.3	152348.1	-0716.3	4132	8.9	154626.7	-0732.9
3863	8.6	142441.0	-0749.5	3953	7.7	145644.4	-0728.7	4043	9.4	152359.1	-0705.2	4133	9.3	154644.8	-0740.7
3864	9.7	142442.0	-0702.4	3954	9.7	145706.0	-0756.9	4044	8.7	152409.2	-0756.5	4134	9.2	154651.1	-0702.6
3865	9.6	142447.9	-0716.7	3955	9.0	145706.2	-0727.7	4045	10.	152452.0	-0739.5	4135	9.7	154658.1	-0759.6
3866	9.4	142538.5	-0749.8	3956	9.5	145753.5	-0747.3	4046	9.5	152511.6	-0754.6	4136	9.5	154704.7	-0742.0
3867	9.5	142622.8	-0709.1	3957	9.0	145850.0	-0741.6	4047	8.0	152519.4	-0735.1	4137	10.	154709.8	-0732.2
3868	9.9	142649.5	-0710.0	3958	9.2	145917.8	-0701.3	4048	9.8	152542.0	-0734.1	4138	9.4	154805.0	-0751.4
3869	10.	142651.8	-0707.0	3959	9.9	145937.8	-0740.3	4049	9.2	152552.4	-0743.9	4139	9.6	154827.4	-0755.6
3870	9.5	142719.7	-0746.0	3960	9.8	145941.0	-0737.7	4050	9.4	152557.1	-0741.9	4140	9.5	154843.2	-0711.1
3871	9.1	142743.6	-0743.6	3961	9.5	145956.4	-0711.7	4051	10.	152623.9	-0717.4	4141	9.5	154905.5	-0702.2
3872	9.2	142753.8	-0725.6	3962	9.3	145959.3	-0719.7	4052	9.2	152629.8	-0757.6	4142	10.	154913.7	-0725.5
3873	8.8	142803.1	-0704.7	3963	8.0	150029.8	-0720.2	4053	9.5	152637.0	-0733.4	4143	9.5	154940.1	-0726.1
3874	7.0	142804.8	-0756.2	3964	9.8	150030.9	-0738.3	4054	8.0	152656.5	-0737.5	4144	9.5	154941.6	-0727.2
3875	9.4	142827.8	-0751.4	3965	9.0	150131.5	-0741.7	4055	8.2	152711.9	-0733.0	4145	9.4	154945.0	-0748.8
3876	8.7	142855.1	-0746.3	3966	9.5	150137.6	-0704.8	4056	7.7	152818.4	-0703.7	4146	9.8	154948.2	-0739.2
3877	9.1	142930.6	-0743.8	3967	9.5	150150.4	-0721.3	4057	9.8	152828.0	-0743.6	4147	10.	154952.6	-0717.0
3878	10.	143024.2	-0755.0	3968	8.6	150152.0	-0718.8	4058	9.0	152829.5	-0716.0	4148	9.8	155000.7	-0710.9
3879	9.1	143030.1	-0741.0	3969	9.5	150154.2	-0741.2	4059	8.5	152836.8	-0724.6	4149	8.7	155034.2	-0715.1
3880	9.7	143106.1	-0700.2	3970	10.	150212.7	-0720.6	4060	10.	152851.9	-0711.2	4150	9.0	155046.7	-0732.6
3881	9.3	143221.3	-0720.6	3971	9.2	150213.7	-0724.7	4061	9.8	152905.4	-0751.5	4151	9.9	155049.9	-0719.0
3882	9.5	143244.6	-0701.3	3972	9.0	150230.1	-0728.5	4062	8.2	152910.0	-0717.8	4152	9.8	155100.7	-0755.5
3883	9.4	143255.4	-0732.6	3973	9.4	150405.4	-0718.3	4063	9.5	152910.4	-0739.6	4153	10.	155127.1	-0752.5
3884	8.8	143308.2	-0716.6	3974	8.5	150415.3	-0729.2	4064	9.0	152912.4	-0742.3	4154	9.8	155147.6	-0712.3
3885	9.8	143324.0	-0706.9	3975	9.5	150430.8	-0758.7	4065	9.0	152941.8	-0705.9	4155	9.3	155200.7	-0700.6
3886	9.8	143325.5	-0702.2	3976	9.5	150441.9	-0747.7	4066	10.	153008.4	-0737.8	4156	9.4	155202.3	-0750.0
3887	9.5	143341.6	-0720.3	3977	9.6	150456.4	-0750.3	4067	10.	153008.8	-0745.7	4157	8.7	155205.1	-0728.4
3888	8.8	143342.4	-0702.2	3978	9.0	150459.1	-0733.7	4068	9.7	153016.4	-0732.7	4158	8.5	155234.3	-0747.2
3889	9.3	143405.0	-0735.8	3979	9.2	150523.5	-0720.0	4069	8.0	153019.5	-0711.8	4159	8.0	155235.3	-0723.9
3890	9.7	143415.1	-0756.3	3980	9.1	150542.9	-0727.4	4070	9.8	153029.3	-0722.9	4160	9.2	155238.2	-0715.1
3891	9.6	143421.1	-0736.9	3981	9.0	150602.5	-0759.8	4071	9.7	153049.3	-0717.1	4161	9.1	155242.8	-0744.4
3892	9.5	143503.0	-0700.0	3982	8.6	150618.4	-0730.7	4072	9.8	153128.3	-0723.(	4162	5.4	155258.0	-0759.6
3893	9.8	143514.9	-0737.2	3983	9.4	150630.8	-0759.8	4073	9.3	153149.4	-0744.8	4163	10.	155300.6	-0713.6
3894	9.2	143519.7	-0745.7	3984	9.5	150645.5	-0722.1	4074	9.6	153159.2	-0701.2	4164	10.	155301.5	-0742.6
3895	9.5	143603.9	-0741.8	3985	8.5	150648.4	-0740.2	4075	10.	153224.1	-0756.4	4165	9.9	155336.0	-0700.2
3896	9.5	143630.1	-0736.9	3986	9.8	150725.9	-0722.8	4076	9.5	153230.3	-0729.4	4166	9.8	155402.2	-0702.9
3897	6.5	143632.6	-0738.2	3987	9.2	150740.7	-0717.4	4077	9.8	153353.4	-0751.4	4167	10.	155424.7	-0736.4
3898	9.8	143638.7	-0750.9	3988	10.	150758.9	-0732.0	4078	9.2	153359.1	-0735.2	4168	10.	155440.5	-0700.6
3899	9.4	143737.2	-0708.4	3989	9.9	150800.3	-0735.3	4079	9.9	153418.8	-0725.6	4169	9.3	155451.7	-0758.9
3900	9.0	143739.1	-0750.5	3990	9.5	150842.3	-0752.3	4080	9.6	153420.7	-0712.4	4170	9.5	155454.9	-0702.5
3901	9.4	143743.8	-0755.9	3991	9.4	150847.4	-0740.2	4081	9.6	153424.9	-0724.8	4171	9.5	155500.1	-0746.1
3902	9.5	143829.0	-0745.2	3992	7.5	150908.3	-0744.1	4082	8.3	153427.7	-0726.9	4172	9.8	155508.6	-0729.3
3903	7.1	143831.1	-0711.1	3993	9.1	150921.7	-0720.9	4083	8.3	153432.9	-0711.3	4173	9.8	155509.7	-0731.4
3904	10.	143835.0	-0706.5	3994	7.5	150928.7	-0719.2	4084	9.0	153437.4	-0729.0	4174	7.5	155510.7	-0738.3
3905	9.3	143903.9	-0732.6	3995	9.7	150934.2	-0736.7	4085	9.5	153452.0	-0722.1	4175	9.8	155515.2	-0734.2
3906	9.0	144024.9	-0714.2	3996	9.8	150957.3	-0742.3	4086	9.5	153515.5	-0700.4	4176	9.4	155516.3	-0743.7
3907	9.9	144127.6	-0701.2	3997	9.8	151014.8	-0729.4	4087	9.6	153516.3	-0726.7	4177	9.8	155536.1	-0754.4
3908	9.0	144132.9	-0746.2	3998	9.5	151019.7	-0719.0	4088	9.0	153534.9	-0740.8	4178	9.8	155544.2	-0746.8
3909	6.8	144141.5	-0753.7	3999	7.3	151048.8	-0751.9	4089	9.8	153555.0	-0706.7	4179	9.8	155548.1	-0724.3
3910	9.5	144227.7	-0756.6	4000	9.3	151050.7	-0733.4	4090	9.5	153556.6	-0724.2	4180	10.	155559.6	-0730.3
3911	9.0	144232.8	-0715.8	4001	8.5	151114.2	-0722.5	4091	10.	153625.8	-0711.3	4181	9.5	155642.2	-0738.5
3912	8.0	144259.8	-0737.4	4002	10.	151140.3	-0729.8	4092	9.1	153644.9	-0735.7	4182	9.1	155715.9	-0700.7
3913	9.4	144315.8	-0732.7	4003	9.8	151152.7	-0711.3	4093	10.	153706.4	-0748.6	4183	9.8	155720.9	-0712.4
3914	9.4	144434.9	-0745.4	4004	9.2	151245.2	-0733.0	4094	8.9	153725.0	-0721.3	4184	9.0	155725.7	-0759.5
3915	9.6	144445.8	-0750.7	4005	9.2	151335.6	-0714.4	4095	9.3	153758.5	-0708.1	4185	9.8	155803.5	-0707.2
3916	9.2	144457.2	-0741.8	4006	9.8	151400.3	-0743.7	4096	9.3	153814.7	-0756.4	4186	9.4	155823.3	-0758.6
3917	8.3	144507.8	-0741.6	4007	9.0	151421.8	-0743.6	4097	8.7	153842.3	-0745.1	4187	10.	155829.6	-0715.7
3918	9.8	144540.6	-0716.3	4008	9.4	151435.5	-0731.2	4098	9.4	153852.1	-0758.2	4188	9.5	155837.0	-0726.2
3919	9.8	144603.0	-0707.2	4009	9.3	151437.2	-0717.4	4099	9.8	153909.6	-0701.5	4189	9.0	155906.1	-0735.4
3920	9.8	144638.5	-0750.3	4010	9.8	151451.6	-0740.7	4100	9.0	153917.0	-0700.8	4190	9.0	155909.0	-0718.1
3921	7.5	144644.5	-0747.7	4011	9.3	151500.0	-0716.3	4101	7.7	153926.5	-0759.9	4191	8.9	155909.4	-0709.4
3922	8.6	144704.0	-0733.1	4012	9.0	151509.0	-0754.8	4102	10.	153941.7	-0709.5	4192	9.8	155917.4	-0704.7
3923	9.4	144714.8	-0748.0	4013	9.3	151536.8	-0721.6	4103	9.0	153956.9	-0725.8	4193	9.5	155926.0	-0710.0
3924	9.5	144722.6	-0717.9	4014	9.4	151608.0	-0737.2	4104	9.9	154013.4	-0755.0	4194	8.7	155928.8	-0718.1
3925	9.1	144724.7	-0708.3	4015	8.7	151628.2	-0758.1	4105	9.3	154039.6	-0714.6	4195	9.0	155932.7	-0746.9
3926	8.8	144731.4	-0731.7	4016	9.9	151639.1	-0745.9	4106	9.6	154043.3	-0713.1	4196	9.5	155936.9	-0701.6
3927	9.5	144814.6	-0705.1	4017	9.6	151639.5	-0735.0	4107	9.5	154054.1	-0758.3	4197	9.4	155937.6	-0739.1
3928	9.2	144824.2	-0724.8	4018	9.1	151712.6	-0749.6	4108	8.9	154054.2	-0714.9	4198	7.8	155954.8	-0734.0
3929	9.8	144922.6	-0703.1	4019	9.3	151717.0	-0736.3	4109	9.7	154056.1	-0716.9	4199	8.2	155957.6	-0755.6
3930	9.3	145011.7	-0738.0	4020	9.7	151751.1	-0758.6	4110	9.3	154107.8	-0731.6	4200	9.5	160007.2	-0743.2
3931	8.6	145039.1	-0758.5	4021	9.7	151807.6	-0759.8	4111	9.3	154113.3	-0729.2	4201	9.6	160010.1	-0723.7
3932	9.8	145100.5	-0712.3	4022	9.2	151838.0	-0749.8	4112	9.1	154144.8	-0745.2	4202	9.8	160038.6	-0755.3
3933	9.1	145117.2	-0742.3	4023	9.7	151848.6	-0704.8	4113	9.5	154201.1	-0732.3	4203	9.8	160105.5	-0724.3
3934	9.7	145206.4	-0724.8	4024	9.1	151912.9	-0739.3	4114	9.3	154217.7	-0727.2	4204	9.4	160109.9	-0737.6
3935	9.5	145233.3	-0752.6	4025	9.3	151916.6	-0706.8	4115	9.4	154227.3	-0723.2	4205	7.5	160111.2	-0749.6
3936	9.3	145247.7	-0719.8	4026	9.1	151916.7	-0730.7	4116	9.8	154248.7	-0730.6	4206	9.1	160120.6	-0728.5
3937	9.7	145302.7	-0720.1	4027	9.6	151930.9	-0726.9	4117	9.5	154300.8	-0739.2	4207	9.4	160126.0	-0728.5
3938	30.0	145313.5	-0756.4	4028	9.1	151932.5	-0738.2	4118	7.3	154401.3	-0735.9	4208	9.8	160130.7	-0746.8
3939	9.5	145343.1	-0752.6	4029	9.5	151952.5	-0747.3	4119	8.4	154404.7	-0757.1	4209	9.8	160131.4	-0759.9
3940	9.0	145353.6	-0752.8	4030	8.0	152022.7	-0730.7	4120	9.5	154406.0	-0706.0	4210	9.5	160135.4	-0704.1
3941	9.8	145359.8	-0702.0	4031	9.8	152040.0	-0744.0	4121	9.4	154408.0	-0703.8	4211	9.7	160137.4	-0701.9
3942	10.	145406.2	-0731.5	4032	10.	152050.0	-0733.2	4122	9.1	154427.9	-0703.4	4212	9.5	160151.4	-0700.3
3943	7.0	145419.5	-0745.9	4033	10.	152123.9	-0729.0	4123	9.0	154435.3	-0747.1	4213	9.8	160158.1	-0738.5
3944	6.5	145426.1	-0700.0	4034	8.7	152125.7	-0714.6	4124	9.3	154446.2	-0724.8	4214	9.4	160205.8	-0720.3
3945	9.7	145433.8	-0703.4	4035	10.	152152.5	-0756.6	4125	9.7	154508.1	-0759.7	4215	8.6	160210.2	-0752.3
3946	7.1	145446.8	-0715.6	4036	9.4	152223.6	-0708.5	4126	10.	154510.2	-0730.4	4216	9.8	160238.5	-0711.3
3947	9.8	145603.5	-0744.8	4037	8.5	152228.6	-0733.0	4127	9.5	154515.8	-0746.9	4217	9.2	160248.7	-0751.8
3948	9.8	145617.0	-0727.8	4038	9.9	152235.4	-0742.9	4128	8.2	154525.5	-0712.9	4218	7.7	160258.6	-0755.1

-07 4219 16h03m

-07 4578 18h07m

4219	9.4	160314.6	-0750.5	4309	9.8	162320.5	-0729.6	4399	9.2	165944.7	-0756.3	4489	9.4	173633.5	-0705.2
4220	9.4	160315.4	-0750.7	4310	7.7	162329.5	-0735.8	4400	8.3	170049.8	-0726.5	4490	9.6	173634.1	-0747.6
4221	9.7	160323.5	-0720.9	4311	9.9	162330.9	-0753.2	4401	9.7	170122.5	-0717.0	4491	9.8	173641.8	-0742.4
4222	9.1	160325.9	-0703.8	4312	10.	162347.5	-0736.3	4402	9.0	170122.8	-0736.5	4492	8.5	173642.8	-0747.7
4223	9.5	160344.7	-0743.4	4313	10.	162423.0	-0739.1	4403	9.8	170147.3	-0729.0	4493	8.0	173644.7	-0720.2
4224	9.8	160348.1	-0722.4	4314	9.6	162436.1	-0703.8	4404	9.7	170238.4	-0742.0	4494	9.5	173648.8	-0744.3
4225	10.	160409.0	-0710.2	4315	9.8	162437.0	-0751.0	4405	9.8	170350.8	-0727.4	4495	9.1	173735.3	-0710.0
4226	9.4	160420.6	-0706.4	4316	9.8	162438.6	-0710.7	4406	9.5	170526.7	-0711.8	4496	9.5	173803.8	-0709.6
4227	10.	160420.6	-0731.5	4317	9.3	162504.5	-0745.5	4407	10.	170526.8	-0723.7	4497	7.0	173839.1	-0755.1
4228	9.5	160513.1	-0718.8	4318	9.2	162516.5	-0729.7	4408	9.0	170553.8	-0723.6	4498	9.2	173845.9	-0757.6
4229	9.4	160524.8	-0717.6	4319	9.8	162529.1	-0723.0	4409	9.4	170605.6	-0756.1	4499	9.5	173858.0	-0726.8
4230	9.0	160526.9	-0700.0	4320	10.	162538.1	-0702.2	4410	8.8	170634.8	-0713.6	4500	9.3	173913.5	-0753.6
4231	9.3	160544.5	-0714.9	4321	9.8	162555.1	-0708.4	4411	8.9	170704.3	-0751.0	4501	9.7	173913.6	-0719.6
4232	9.5	160552.0	-0710.6	4322	9.1	162610.1	-0700.7	4412	9.4	170711.4	-0753.2	4502	9.2	173915.1	-0731.4
4233	7.0	160556.1	-0744.6	4323	9.6	162620.0	-0727.1	4413	8.0	170727.7	-0701.9	4503	9.7	173950.1	-0713.6
4234	9.0	160558.4	-0716.2	4324	7.8	162643.9	-0750.2	4414	8.0	170812.8	-0752.0	4504	9.7	174022.8	-0702.3
4235	10.	160608.1	-0752.0	4325	9.5	162704.5	-0740.4	4415	9.0	170825.7	-0705.9	4505	9.8	174030.9	-0720.6
4236	9.5	160619.8	-0708.8	4326	8.6	162732.0	-0737.8	4416	9.4	170826.7	-0704.8	4506	9.8	174106.2	-0726.7
4237	10.	160630.3	-0712.3	4327	9.1	162735.9	-0738.0	4417	9.5	170846.2	-0704.8	4507	9.8	174121.9	-0715.6
4238	10.	160635.6	-0728.8	4328	9.8	162759.4	-0730.8	4418	9.4	170908.6	-0703.5	4508	8.0	174135.4	-0744.1
4239	9.6	160638.2	-0747.3	4329	9.8	162808.4	-0753.9	4419	7.7	170931.7	-0742.3	4509	9.6	174224.0	-0750.6
4240	10.	160654.1	-0745.1	4330	10.	162849.2	-0713.4	4420	9.3	171007.7	-0730.2	4510	8.5	174239.6	-0713.9
4241	9.6	160708.9	-0704.7	4331	8.9	162902.5	-0727.4	4421	9.7	171011.2	-0713.6	4511	9.3	174351.4	-0728.2
4242	5.9	160744.5	-0758.9	4332	10.	162950.4	-0736.8	4422	9.4	171027.1	-0713.2	4512	9.6	174409.9	-0715.6
4243	9.5	160748.4	-0703.0	4333	9.8	162955.6	-0715.7	4423	9.5	171056.1	-0703.8	4513	8.9	174427.0	-0732.3
4244	9.4	160753.3	-0707.0	4334	9.3	163016.5	-0720.4	4424	9.5	171127.7	-0725.4	4514	9.2	174441.1	-0730.4
4245	10.	160801.9	-0718.6	4335	9.7	163024.7	-0756.8	4425	9.8	171133.0	-0754.4	4515	8.7	174451.6	-0754.4
4246	9.0	160821.1	-0734.3	4336	9.8	163103.0	-0721.3	4426	9.4	171203.4	-0753.2	4516	9.4	174502.9	-0748.5
4247	9.8	160843.6	-0729.3	4337	7.8	163146.6	-0713.1	4427	7.8	171208.3	-0751.5	4517	7.5	174507.4	-0752.3
4248	9.6	160847.6	-0728.0	4338	9.8	163150.7	-0756.3	4428	9.5	171224.9	-0718.6	4518	9.4	174528.9	-0758.4
4249	9.5	160854.5	-0752.8	4339	9.8	163208.4	-0730.0	4429	9.0	171227.1	-0721.1	4519	9.8	174556.3	-0712.1
4250	10.	160858.9	-0717.0	4340	8.8	163240.8	-0752.8	4430	9.8	171253.6	-0758.8	4520	9.8	174613.9	-0740.0
4251	9.4	160927.6	-0710.0	4341	9.6	163242.4	-0744.6	4431	9.5	171333.5	-0759.0	4521	9.5	174636.9	-0712.7
4252	9.3	160934.6	-0746.1	4342	9.2	163252.9	-0707.3	4432	9.5	171337.6	-0737.7	4522	9.7	174639.1	-0714.3
4253	9.4	161003.2	-0703.3	4343	9.7	163310.2	-0747.2	4433	9.5	171440.6	-0741.7	4523	7.0	174705.9	-0742.1
4254	8.8	161006.4	-0702.3	4344	9.4	163346.8	-0710.5	4434	9.1	171505.7	-0740.7	4524	8.7	174718.9	-0726.5
4255	8.5	161007.8	-0755.1	4345	9.5	163353.6	-0747.0	4435	9.4	171551.6	-0700.4	4525	9.1	174725.6	-0758.7
4256	10.	161008.6	-0708.0	4346	9.1	163358.7	-0737.3	4436	9.6	171601.1	-0706.6	4526	9.8	174733.4	-0757.1
4257	8.5	161010.5	-0719.3	4347	8.0	163542.1	-0750.5	4437	9.8	171612.6	-0700.5	4527	9.4	174739.4	-0730.8
4258	8.7	161117.4	-0731.3	4348	9.5	163804.7	-0724.0	4438	8.8	171626.7	-0757.0	4528	9.5	174814.3	-0700.3
4259	9.6	161216.3	-0718.6	4349	9.5	163810.3	-0758.6	4439	9.7	171708.2	-0717.1	4529	9.4	174821.0	-0726.2
4260	10.	161243.6	-0734.7	4350	9.4	163906.8	-0755.3	4440	9.4	171716.2	-0724.7	4530	9.7	174821.9	-0719.4
4261	9.3	161245.2	-0745.2	4351	9.0	163913.1	-0733.8	4441	9.5	171743.7	-0725.8	4531	9.1	174823.5	-0721.8
4262	9.9	161248.5	-0756.8	4352	9.8	163949.4	-0753.3	4442	9.4	171804.8	-0737.0	4532	9.4	174832.7	-0701.2
4263	9.2	161249.5	-0744.7	4353	9.7	163952.9	-0709.9	4443	9.0	171807.7	-0737.6	4533	8.9	174859.6	-0741.9
4264	10.	161258.6	-0743.3	4354	9.1	164027.1	-0728.8	4444	8.0	171923.6	-0711.1	4534	8.6	174917.4	-0715.1
4265	9.6	161312.6	-0758.9	4355	9.5	164056.1	-0743.8	4445	9.6	172023.7	-0737.1	4535	10.	174946.8	-0705.8
4266	10.	161313.0	-0742.5	4356	9.5	164113.9	-0701.0	4446	9.8	172035.5	-0715.7	4536	9.6	175044.9	-0734.4
4267	30.0	161336.2	-0721.3	4357	9.5	164123.6	-0750.4	4447	9.5	172125.2	-0721.0	4537	9.1	175127.9	-0725.5
4268	9.5	161343.1	-0745.2	4358	9.6	164146.9	-0704.3	4448	7.8	172151.1	-0753.6	4538	8.9	175153.2	-0713.7
4269	9.9	161416.5	-0738.7	4359	9.4	164206.2	-0728.0	4449	9.3	172204.9	-0705.4	4539	9.8	175203.7	-0706.7
4270	10.	161417.1	-0744.7	4360	9.5	164230.7	-0714.3	4450	9.9	172244.8	-0720.0	4540	9.0	175205.3	-0729.8
4271	9.4	161419.6	-0735.3	4361	8.5	164234.0	-0712.3	4451	9.0	172251.7	-0744.9	4541	8.6	175231.8	-0756.0
4272	9.2	161424.1	-0716.9	4362	9.4	164400.5	-0757.7	4452	8.0	172308.2	-0749.9	4542	9.4	175233.7	-0757.2
4273	9.8	161447.0	-0758.7	4363	9.3	164405.1	-0751.0	4453	9.4	172334.0	-0723.7	4543	8.7	175244.9	-0731.0
4274	8.9	161502.3	-0701.7	4364	8.8	164421.7	-0703.2	4454	9.7	172400.5	-0709.3	4544	9.0	175257.4	-0733.1
4275	8.9	161510.6	-0723.1	4365	9.7	164445.7	-0753.1	4455	9.4	172520.7	-0730.8	4545	9.8	175322.1	-0756.8
4276	9.0	161605.1	-0734.2	4366	9.7	164452.6	-0754.0	4456	8.8	172546.4	-0722.9	4546	8.8	175335.2	-0733.6
4277	9.4	161631.0	-0731.8	4367	9.4	164453.8	-0757.7	4457	8.0	172555.2	-0748.6	4547	9.6	175339.7	-0709.3
4278	9.9	161656.3	-0705.0	4368	9.3	164535.2	-0704.6	4458	9.3	172605.7	-0725.7	4548	9.2	175438.9	-0718.8
4279	9.5	161658.2	-0755.3	4369	7.8	164537.3	-0712.4	4459	9.3	172651.2	-0750.6	4549	9.5	175504.2	-0744.3
4280	9.5	161702.1	-0719.6	4370	8.5	164610.5	-0706.6	4460	9.2	172656.0	-0710.5	4550	7.8	175514.8	-0739.9
4281	8.7	161703.5	-0717.2	4371	9.8	164646.0	-0715.7	4461	8.8	172702.1	-0709.0	4551	9.5	175518.2	-0718.4
4282	8.8	161723.0	-0738.0	4372	10.	164714.9	-0757.9	4462	9.1	172709.9	-0705.4	4552	10.	175540.1	-0706.3
4283	9.0	161816.3	-0701.0	4373	9.8	164805.7	-0752.5	4463	10.	172735.0	-0755.4	4553	9.7	175540.5	-0753.1
4284	8.5	161822.0	-0752.0	4374	10.	164847.0	-0721.7	4464	9.8	172737.6	-0758.2	4554	8.8	175550.9	-0740.4
4285	9.8	161825.3	-0702.2	4375	9.9	164910.8	-0718.4	4465	9.4	172805.0	-0756.9	4555	8.9	175559.9	-0756.1
4286	8.6	161846.1	-0731.1	4376	9.5	164936.8	-0740.1	4466	9.1	172859.2	-0711.1	4556	10.	175657.1	-0734.5
4287	9.6	161854.1	-0714.0	4377	9.5	164943.9	-0758.9	4467	9.2	172902.8	-0736.5	4557	9.5	175732.0	-0702.3
4288	9.5	161917.0	-0746.2	4378	9.6	165044.2	-0714.7	4468	7.3	172930.7	-0756.6	4558	9.8	175741.2	-0708.7
4289	9.5	161950.5	-0740.5	4379	9.7	165048.7	-0717.1	4469	10.	173000.7	-0759.4	4559	9.9	175845.3	-0712.0
4290	9.4	161950.8	-0756.0	4380	9.3	165108.7	-0733.1	4470	9.8	173012.4	-0759.7	4560	9.5	175847.0	-0737.8
4291	9.8	161952.7	-0734.4	4381	9.3	165117.7	-0705.1	4471	9.1	173014.7	-0711.8	4561	9.2	175930.4	-0724.8
4292	6.1	161954.6	-0715.4	4382	10.	165133.3	-0756.0	4472	9.3	173046.9	-0757.0	4562	9.5	175940.4	-0720.7
4293	9.5	161956.0	-0734.2	4383	8.0	165141.2	-0743.8	4473	9.4	173101.6	-0739.1	4563	9.2	180016.0	-0759.8
4294	9.3	161959.5	-0725.5	4384	10.	165147.3	-0723.1	4474	9.4	173102.7	-0739.1	4564	7.2	180018.8	-0708.2
4295	9.8	162002.1	-0702.9	4385	9.5	165151.2	-0703.2	4475	9.5	173212.0	-0742.3	4565	9.5	180113.6	-0701.1
4296	9.9	162018.2	-0710.9	4386	7.8	165211.5	-0718.5	4476	9.3	173214.3	-0701.2	4566	9.0	180114.8	-0722.2
4297	9.5	162029.0	-0750.3	4387	8.7	165241.5	-0709.1	4477	9.3	173237.6	-0700.5	4567	9.2	180118.1	-0755.5
4298	9.4	162044.1	-0733.3	4388	10.	165321.8	-0739.4	4478	9.4	173252.2	-0741.6	4568	8.7	180200.4	-0755.9
4299	7.2	162059.0	-0747.8	4389	9.6	165326.4	-0709.3	4479	10.	173312.2	-0729.8	4569	9.5	180229.8	-0722.8
4300	9.8	162103.5	-0728.6	4390	9.4	165347.8	-0730.8	4480	9.5	173326.8	-0732.7	4570	9.3	180300.6	-0710.8
4301	9.5	162111.0	-0740.2	4391	9.7	165420.3	-0719.0	4481	9.5	173346.7	-0721.4	4571	7.1	180434.0	-0719.2
4302	9.5	162151.5	-0746.2	4392	7.3	165640.3	-0729.9	4482	9.5	173352.0	-0748.6	4572	9.8	180453.5	-0721.2
4303	9.8	162218.1	-0733.7	4393	9.4	165713.3	-0742.9	4483	8.8	173354.2	-0735.4	4573	9.0	180515.5	-0748.5
4304	9.8	162224.5	-0744.0	4394	9.5	165816.3	-0749.1	4484	9.5	173410.7	-0729.3	4574	9.5	180536.6	-0711.4
4305	7.0	162241.5	-0711.5	4395	9.6	165851.3	-0721.9	4485	8.5	173422.5	-0759.6	4575	9.0	180548.6	-0737.7
4306	9.5	162251.4	-0753.1	4396	9.1	165854.3	-0737.5	4486	9.3	173522.2	-0726.5	4576	9.2	180613.2	-0755.4
4307	8.9	162310.8	-0751.4	4397	9.5	165921.8	-0746.9	4487	6.7	173556.9	-0700.4	4577	9.8	180619.8	-0726.1
4308	8.1	162317.3	-0713.2	4398	9.5	165935.3	-0714.8	4488	8.3	173607.9	-0757.4	4578	9.4	180752.6	-0756.8

-07 4579 18h07m

-07 4938 19h14m

4579	9.4	180752.7	-0715.2	4669	9.0	183444.9	-0727.5	4759	9.0	184619.2	-0742.4	4849	9.0	185738.5	-0700.7
4580	8.1	180919.9	-0715.8	4670	6.2	183447.0	-0712.3	4760	9.4	184620.6	-0714.4	4850	9.5	185820.9	-0757.0
4581	9.5	180929.6	-0703.2	4671	9.7	183451.9	-0706.7	4761	8.8	184622.5	-0730.2	4851	9.6	185822.5	-0759.0
4582	8.0	180931.6	-0720.0	4672	9.0	183452.1	-0749.8	4762	10.	184632.7	-0739.3	4852	9.2	185844.9	-0709.2
4583	9.5	180948.5	-0729.9	4673	9.0	183454.4	-0705.5	4763	8.9	184633.4	-0746.2	4853	9.2	185902.6	-0759.9
4584	9.5	181012.1	-0707.5	4674	9.8	183507.1	-0726.1	4764	9.6	184725.8	-0710.5	4854	10.	185919.9	-0702.9
4585	9.4	181033.0	-0706.4	4675	8.5	183516.2	-0751.0	4765	9.2	184731.5	-0722.3	4855	9.3	185926.8	-0717.2
4586	10.	181255.1	-0706.5	4676	9.5	183520.8	-0737.3	4766	9.0	184741.8	-0713.1	4856	8.3	185949.0	-0737.2
4587	10.	181259.1	-0709.9	4677	8.6	183521.2	-0707.1	4767	9.1	184748.7	-0708.6	4857	8.9	185954.3	-0733.4
4588	9.9	181415.8	-0724.3	4678	9.5	183521.5	-0706.8	4768	9.3	184750.2	-0743.1	4858	9.3	190006.4	-0704.1
4589	7.0	181420.0	-0733.4	4679	9.3	183541.6	-0751.8	4769	9.3	184751.8	-0743.5	4859	9.5	190006.5	-0700.3
4590	9.2	181438.6	-0700.1	4680	9.5	183542.3	-0713.7	4770	9.7	184757.7	-0725.5	4860	9.5	190027.5	-0734.1
4591	9.5	181450.1	-0712.3	4681	9.4	183548.3	-0702.0	4771	9.8	184804.6	-0758.6	4861	8.0	190030.8	-0739.5
4592	9.0	181451.2	-0743.9	4682	9.7	183552.0	-0736.5	4772	9.3	184809.1	-0721.4	4862	9.0	190042.7	-0749.8
4593	9.4	181605.5	-0729.4	4683	8.5	183552.7	-0752.2	4773	9.4	184809.4	-0712.5	4863	8.3	190051.7	-0711.1
4594	9.2	181610.3	-0714.6	4684	9.5	183608.8	-0703.5	4774	9.8	184809.5	-0758.8	4864	8.5	190058.8	-0741.7
4595	9.8	181630.1	-0705.0	4685	9.7	183621.3	-0707.1	4775	9.9	184817.3	-0704.1	4865	8.2	190101.3	-0750.6
4596	8.9	181638.0	-0732.3	4686	9.4	183631.1	-0700.8	4776	10.	184823.0	-0708.1	4866	8.7	190113.8	-0724.9
4597	9.8	181641.3	-0709.2	4687	8.6	183636.9	-0745.7	4777	9.7	184825.0	-0731.8	4867	7.8	190114.0	-0714.1
4598	6.0	181651.0	-0708.4	4688	9.0	183643.4	-0743.2	4778	9.7	184841.2	-0734.3	4868	9.3	190129.9	-0711.4
4599	9.6	181710.2	-0705.4	4689	8.2	183644.6	-0714.8	4779	9.4	184849.9	-0746.2	4869	8.2	190136.5	-0708.5
4600	9.0	181726.8	-0752.4	4690	9.6	183652.5	-0744.3	4780	8.3	184900.4	-0707.5	4870	9.1	190142.7	-0711.5
4601	9.7	181733.1	-0734.3	4691	9.5	183659.8	-0752.5	4781	9.6	184905.8	-0756.7	4871	9.5	190211.4	-0724.5
4602	7.9	181822.3	-0741.5	4692	9.1	183707.0	-0742.9	4782	9.8	184914.7	-0733.7	4872	7.3	190212.8	-0730.4
4603	8.4	181840.2	-0712.5	4693	10.	183707.3	-0718.1	4783	9.6	184919.4	-0759.6	4873	9.5	190237.2	-0748.7
4604	9.5	181913.5	-0700.8	4694	9.0	183724.3	-0706.7	4784	9.3	184921.9	-0726.6	4874	9.5	190303.2	-0721.3
4605	9.9	182002.6	-0738.2	4695	9.3	183732.3	-0707.3	4785	9.4	184926.5	-0734.4	4875	8.9	190308.7	-0755.4
4606	10.	182008.7	-0738.6	4696	9.1	183747.2	-0743.5	4786	9.5	184932.0	-0703.4	4876	7.0	190311.8	-0739.4
4607	9.4	182054.2	-0749.4	4697	10.	183802.2	-0715.8	4787	9.8	184946.8	-0758.4	4877	9.8	190314.7	-0729.8
4608	9.5	182058.5	-0728.4	4698	9.4	183808.5	-0710.8	4788	9.5	184958.7	-0759.5	4878	9.0	190318.2	-0708.1
4609	9.0	182200.5	-0722.7	4699	9.3	183822.2	-0741.2	4789	9.5	185000.8	-0751.7	4879	9.2	190318.4	-0715.7
4610	9.3	182204.3	-0745.0	4700	7.4	183903.8	-0743.7	4790	9.8	185004.9	-0713.8	4880	9.9	190341.7	-0711.4
4611	9.5	182254.5	-0721.8	4701	10.	183905.9	-0734.8	4791	9.5	185014.7	-0746.3	4881	9.6	190346.5	-0743.3
4612	9.8	182320.8	-0748.5	4702	10.	183906.1	-0709.4	4792	9.5	185031.9	-0702.9	4882	9.7	190407.4	-0707.0
4613	9.5	182321.1	-0715.4	4703	9.5	183909.0	-0706.3	4793	9.5	185059.9	-0705.3	4883	9.8	190417.3	-0724.2
4614	9.5	182341.9	-0708.1	4704	9.6	183911.2	-0706.0	4794	8.9	185103.0	-0732.3	4884	9.8	190420.7	-0726.4
4615	9.5	182414.7	-0746.4	4705	9.9	183931.7	-0735.5	4795	9.4	185111.8	-0751.4	4885	10.	190426.6	-0713.8
4616	9.6	182419.8	-0725.0	4706	9.3	183932.0	-0759.7	4796	9.4	185117.6	-0746.8	4886	9.3	190431.1	-0706.9
4617	7.9	182421.0	-0755.6	4707	9.7	183938.2	-0758.5	4797	9.9	185122.6	-0715.4	4887	9.0	190434.9	-0742.3
4618	9.5	182437.6	-0725.9	4708	9.8	183941.9	-0742.6	4798	7.7	185124.6	-0702.1	4888	8.5	190459.9	-0743.7
4619	10.	182502.1	-0708.2	4709	9.5	183946.7	-0705.7	4799	8.5	185126.0	-0719.6	4889	9.1	190519.2	-0759.3
4620	9.5	182506.2	-0740.4	4710	8.9	183951.4	-0703.5	4800	10.	185126.8	-0737.3	4890	9.0	190522.0	-0702.8
4621	9.7	182527.9	-0710.2	4711	10.	183952.3	-0709.1	4801	10.	185132.6	-0719.6	4891	9.4	190527.7	-0723.2
4622	9.6	182548.0	-0722.0	4712	9.3	183955.3	-0711.7	4802	9.8	185134.3	-0722.5	4892	9.8	190539.3	-0734.5
4623	7.5	182621.2	-0748.7	4713	8.9	183959.0	-0711.8	4803	9.7	185144.8	-0701.4	4893	9.5	190556.8	-0744.1
4624	9.0	182653.1	-0740.3	4714	9.8	184013.9	-0714.1	4804	9.5	185151.6	-0735.1	4894	9.1	190641.4	-0724.0
4625	9.5	182656.3	-0707.4	4715	9.7	184017.7	-0756.5	4805	9.4	185155.7	-0720.4	4895	9.5	190648.9	-0726.5
4626	9.5	182707.8	-0701.6	4716	9.8	184020.0	-0702.4	4806	9.1	185159.5	-0705.2	4896	9.7	190719.0	-0715.5
4627	9.0	182719.9	-0731.6	4717	9.3	184025.1	-0735.3	4807	9.5	185203.3	-0758.8	4897	9.5	190730.3	-0750.7
4628	9.1	182731.2	-0715.4	4718	10.	184031.7	-0705.1	4808	9.8	185210.6	-0754.6	4898	8.9	190732.3	-0756.2
4629	9.7	182748.5	-0720.3	4719	9.6	184040.2	-0743.1	4809	7.4	185240.0	-0734.7	4899	9.5	190736.4	-0751.0
4630	9.4	182807.3	-0751.4	4720	9.5	184040.4	-0720.6	4810	9.8	185244.2	-0738.8	4900	9.5	190753.1	-0748.6
4631	9.5	182841.2	-0748.3	4721	8.7	184045.3	-0717.2	4811	10.	185246.6	-0732.6	4901	10.	190754.1	-0747.6
4632	10.	182901.1	-0704.8	4722	9.5	184107.2	-0750.0	4812	8.3	185258.4	-0744.1	4902	9.0	190808.8	-0715.8
4633	9.0	182913.2	-0743.0	4723	9.3	184114.6	-0707.4	4813	9.8	185258.8	-0729.5	4903	9.5	190808.9	-0745.2
4634	9.5	182913.6	-0754.2	4724	9.8	184116.4	-0739.1	4814	9.4	185307.0	-0759.8	4904	9.7	190810.4	-0723.0
4635	9.4	182929.3	-0746.8	4725	9.6	184135.2	-0702.7	4815	9.6	185310.2	-0741.6	4905	9.2	190831.3	-0709.4
4636	7.8	182951.0	-0727.2	4726	8.0	184142.5	-0743.6	4816	9.5	185315.9	-0719.0	4906	9.0	190832.5	-0705.8
4637	9.8	183004.6	-0713.1	4727	9.6	184147.6	-0706.5	4817	9.3	185320.0	-0714.0	4907	9.5	190836.4	-0747.7
4638	8.8	183007.2	-0746.2	4728	9.3	184153.3	-0737.0	4818	9.2	185325.7	-0742.5	4908	9.9	190841.5	-0717.8
4639	9.1	183027.9	-0705.6	4729	8.9	184203.7	-0737.7	4819	9.5	185326.3	-0713.9	4909	9.0	190909.8	-0728.0
4640	9.0	183033.0	-0724.5	4730	9.3	184205.2	-0749.2	4820	8.6	185329.1	-0704.0	4910	9.4	190920.0	-0756.9
4641	9.8	183035.6	-0717.3	4731	10.	184220.1	-0713.6	4821	9.2	185340.8	-0712.4	4911	9.3	190933.5	-0706.4
4642	9.0	183111.6	-0758.9	4732	9.5	184223.7	-0744.9	4822	9.5	185404.0	-0737.0	4912	8.9	190941.0	-0707.3
4643	9.5	183111.8	-0750.7	4733	8.8	184231.7	-0725.7	4823	9.3	185407.2	-0743.7	4913	9.5	190955.4	-0714.3
4644	9.0	183145.7	-0724.5	4734	9.7	184233.0	-0700.2	4824	9.8	185407.2	-0714.7	4914	9.3	190959.3	-0718.8
4645	9.0	183149.5	-0728.8	4735	8.8	184235.9	-0702.1	4825	9.2	185410.5	-0741.3	4915	9.2	191001.1	-0719.9
4646	9.6	183152.1	-0712.4	4736	8.5	184239.7	-0710.4	4826	9.6	185422.6	-0714.2	4916	9.1	191022.9	-0726.1
4647	9.6	183207.6	-0740.6	4737	9.0	184241.7	-0728.2	4827	9.3	185450.7	-0739.3	4917	9.0	191031.8	-0713.4
4648	6.1	183209.2	-0754.8	4738	10.	184248.3	-0751.3	4828	9.8	185451.9	-0712.6	4918	9.2	191038.4	-0719.3
4649	9.1	183213.5	-0717.2	4739	8.3	184249.3	-0759.7	4829	7.5	185457.5	-0755.8	4919	9.0	191043.9	-0747.2
4650	9.1	183219.6	-0722.3	4740	8.7	184318.3	-0757.4	4830	9.2	185501.8	-0730.6	4920	9.5	191050.8	-0749.9
4651	9.9	183235.8	-0702.9	4741	9.3	184332.7	-0717.4	4831	9.2	185507.3	-0713.1	4921	9.5	191111.7	-0714.5
4652	9.9	183238.6	-0748.9	4742	9.5	184343.2	-0734.7	4832	9.0	185514.2	-0733.0	4922	9.5	191118.0	-0714.8
4653	9.7	183246.3	-0723.1	4743	9.1	184359.3	-0752.1	4833	8.5	185539.3	-0734.2	4923	8.5	191132.4	-0716.7
4654	9.8	183257.8	-0711.9	4744	8.9	184412.0	-0743.0	4834	9.8	185549.7	-0714.3	4924	3.8	191138.3	-0727.5
4655	9.5	183301.6	-0734.9	4745	9.1	184416.7	-0745.7	4835	9.4	185559.3	-0736.1	4925	9.5	191156.1	-0700.1
4656	9.6	183307.1	-0757.8	4746	8.3	184417.7	-0725.4	4836	9.4	185600.4	-0736.1	4926	10.	191208.5	-0704.5
4657	10.	183322.5	-0702.9	4747	8.3	184419.3	-0709.3	4837	9.2	185619.5	-0708.0	4927	9.8	191217.9	-0737.5
4658	9.8	183326.6	-0732.3	4748	9.9	184431.4	-0714.7	4838	9.1	185620.8	-0752.0	4928	9.1	191220.8	-0739.8
4659	9.0	183348.9	-0710.9	4749	9.3	184431.6	-0719.6	4839	8.0	185633.6	-0755.4	4929	8.5	191246.8	-0700.8
4660	9.4	183350.3	-0758.7	4750	9.0	184447.7	-0740.8	4840	10.	185635.4	-0711.8	4930	9.0	191251.5	-0711.7
4661	8.7	183352.1	-0724.3	4751	9.5	184459.7	-0757.5	4841	9.4	185643.9	-0714.7	4931	9.5	191337.4	-0738.8
4662	9.4	183354.1	-0725.4	4752	9.6	184507.8	-0706.3	4842	9.1	185656.3	-0739.6	4932	9.5	191400.9	-0751.2
4663	9.5	183354.4	-0753.8	4753	9.4	184512.7	-0739.6	4843	9.6	185709.5	-0722.1	4933	8.5	191419.3	-0751.3
4664	7.3	183427.7	-0728.3	4754	9.2	184521.9	-0709.9	4844	8.2	185711.2	-0721.5	4934	8.6	191428.0	-0759.6
4665	9.6	183428.6	-0700.3	4755	9.1	184522.1	-0715.1	4845	9.0	185711.4	-0713.4	4935	8.0	191439.8	-0729.5
4666	9.5	183431.9	-0711.6	4756	9.8	184528.2	-0703.8	4846	9.2	185728.7	-0745.2	4936	9.5	191441.6	-0755.0
4667	9.0	183434.6	-0723.1	4757	9.8	184547.9	-0705.4	4847	9.7	185731.7	-0757.6	4937	9.4	191444.4	-0735.8
4668	8.5	183444.1	-0746.5	4758	10.	184606.9	-0714.3	4848	9.8	185735.8	-0742.7	4938	8.7	191452.6	-0724.1

-07 4939 19h15m

-07 5298 20h19m

4939	9.8	191504.4	-0724.0	5029	8.8	193301.7	-0758.0	5119	9.6	195016.5	-0716.0	5209	9.7	200504.3	-0732.7
4940	9.0	191509.8	-0714.5	5030	8.9	193302.8	-0745.0	5120	9.8	195019.2	-0714.6	5210	9.8	200506.3	-0738.6
4941	8.3	191511.5	-0713.9	5031	9.4	193323.3	-0742.5	5121	9.8	195024.0	-0722.5	5211	8.0	200507.3	-0753.1
4942	7.0	191514.9	-0740.1	5032	9.3	193327.4	-0723.0	5122	9.6	195024.6	-0733.9	5212	9.5	200507.7	-0756.5
4943	9.8	191515.7	-0749.9	5033	9.5	193338.3	-0726.9	5123	9.4	195036.0	-0756.7	5213	9.8	200516.0	-0715.1
4944	9.0	191516.6	-0729.5	5034	9.5	193347.3	-0743.7	5124	9.8	195053.4	-0712.0	5214	9.8	200517.4	-0749.7
4945	9.1	191517.8	-0709.2	5035	9.8	193349.8	-0711.1	5125	9.7	195055.4	-0714.2	5215	9.8	200524.9	-0750.8
4946	9.7	191531.3	-0755.6	5036	9.0	193401.3	-0709.7	5126	9.2	195057.0	-0717.5	5216	9.0	200532.7	-0731.8
4947	7.8	191614.8	-0715.2	5037	9.1	193420.7	-0757.3	5127	9.5	195119.2	-0758.7	5217	9.5	200549.6	-0706.8
4948	9.5	191618.9	-0744.5	5038	9.4	193424.6	-0754.7	5128	9.4	195122.0	-0703.1	5218	9.0	200551.1	-0721.3
4949	9.3	191635.1	-0720.0	5039	9.8	193442.4	-0700.3	5129	9.8	195128.9	-0714.0	5219	9.5	200601.1	-0707.1
4950	8.8	191640.4	-0755.8	5040	9.8	193450.3	-0715.0	5130	9.4	195148.7	-0737.7	5220	9.5	200622.2	-0756.5
4951	9.8	191714.8	-0748.8	5041	9.5	193459.0	-0746.3	5131	9.8	195157.5	-0724.6	5221	9.0	200627.3	-0726.8
4952	9.8	191733.8	-0701.9	5042	9.1	193515.0	-0719.2	5132	9.8	195206.1	-0758.5	5222	9.8	200634.7	-0723.1
4953	9.0	191741.2	-0712.5	5043	9.5	193542.9	-0717.2	5133	9.8	195210.9	-0734.2	5223	9.5	200640.3	-0742.5
4954	9.3	191803.2	-0706.1	5044	9.4	193548.4	-0703.7	5134	9.4	195225.6	-0728.2	5224	8.5	200644.6	-0706.5
4955	9.5	191809.9	-0729.0	5045	9.4	193552.8	-0720.0	5135	9.5	195234.5	-0745.6	5225	9.4	200700.7	-0723.6
4956	8.5	191819.4	-0716.8	5046	9.5	193600.8	-0751.7	5136	9.8	195240.5	-0709.1	5226	9.8	200724.8	-0741.4
4957	9.5	191910.9	-0739.0	5047	9.0	193622.0	-0757.1	5137	9.9	195243.7	-0710.5	5227	9.5	200725.7	-0728.4
4958	9.5	191911.9	-0728.4	5048	9.1	193632.8	-0755.7	5138	9.5	195258.6	-0700.4	5228	8.4	200729.4	-0752.8
4959	9.0	191935.7	-0741.0	5049	9.5	193634.5	-0752.7	5139	9.7	195301.7	-0737.5	5229	6.6	200740.5	-0758.1
4960	9.1	191936.4	-0726.9	5050	9.0	193637.6	-0736.5	5140	9.6	195302.0	-0718.3	5230	9.8	200748.2	-0734.0
4961	9.0	191954.4	-0753.4	5051	8.8	193643.6	-0726.1	5141	9.8	195317.6	-0745.8	5231	9.7	200815.4	-0749.3
4962	9.8	192011.3	-0714.5	5052	9.4	193700.2	-0750.4	5142	9.9	195318.4	-0740.4	5232	9.5	200827.5	-0728.6
4963	9.5	192026.4	-0719.1	5053	9.1	193701.1	-0755.7	5143	9.2	195322.1	-0728.0	5233	9.8	200839.2	-0705.2
4964	9.8	192046.6	-0709.6	5054	9.2	193701.2	-0728.9	5144	9.1	195324.5	-0718.4	5234	9.8	200847.1	-0745.4
4965	9.1	192111.9	-0733.3	5055	8.6	193728.4	-0755.4	5145	9.8	195354.9	-0715.4	5235	8.5	200848.4	-0752.3
4966	9.5	192116.3	-0705.2	5056	7.2	193739.4	-0721.6	5146	8.5	195356.1	-0734.2	5236	10.	200904.1	-0734.0
4967	9.2	192118.4	-0728.8	5057	8.5	193807.7	-0756.3	5147	9.5	195405.8	-0728.5	5237	8.5	200907.8	-0716.7
4968	6.8	192132.6	-0710.1	5058	8.9	193813.4	-0712.9	5148	9.7	195414.7	-0738.5	5238	9.7	200910.8	-0712.3
4969	9.3	192217.9	-0753.1	5059	9.5	193915.4	-0736.8	5149	9.1	195425.2	-0746.4	5239	8.9	200921.1	-0715.9
4970	9.2	192231.4	-0718.7	5060	8.0	193920.3	-0753.3	5150	9.4	195428.6	-0734.3	5240	9.0	200943.3	-0724.2
4971	9.3	192240.0	-0734.4	5061	8.0	193953.6	-0741.9	5151	8.2	195436.1	-0738.2	5241	9.8	200959.7	-0703.9
4972	9.5	192248.9	-0728.2	5062	10.	194000.7	-0703.6	5152	9.0	195446.6	-0732.4	5242	8.5	201023.7	-0703.0
4973	9.4	192302.5	-0724.0	5063	9.8	194025.6	-0705.6	5153	9.4	195454.0	-0712.4	5243	9.6	201057.8	-0702.9
4974	9.0	192310.4	-0728.7	5064	9.3	194039.2	-0705.8	5154	8.8	195507.1	-0734.8	5244	9.0	201105.3	-0720.0
4975	9.1	192314.0	-0739.6	5065	9.3	194046.9	-0703.9	5155	8.9	195517.7	-0738.0	5245	9.3	201107.7	-0711.1
4976	10.	192341.8	-0710.5	5066	9.8	194057.5	-0754.0	5156	9.8	195534.2	-0742.2	5246	7.8	201111.8	-0705.2
4977	9.0	192346.3	-0706.3	5067	9.7	194108.4	-0717.4	5157	9.7	195557.7	-0732.1	5247	9.0	201116.4	-0745.0
4978	9.4	192354.0	-0717.3	5068	9.4	194111.3	-0755.3	5158	10.	195610.6	-0727.2	5248	9.0	201117.4	-0739.4
4979	9.1	192453.0	-0738.0	5069	9.2	194130.8	-0733.5	5159	6.7	195612.2	-0751.1	5249	9.1	201121.2	-0755.8
4980	9.5	192454.4	-0753.4	5070	9.3	194135.8	-0748.9	5160	9.5	195627.9	-0716.8	5250	9.0	201126.3	-0724.2
4981	9.4	192456.3	-0708.4	5071	9.1	194136.9	-0754.8	5161	9.4	195644.2	-0718.8	5251	9.4	201134.7	-0750.6
4982	9.5	192509.9	-0710.7	5072	8.7	194149.4	-0709.8	5162	9.5	195711.4	-0711.9	5252	9.3	201151.2	-0708.4
4983	9.5	192518.1	-0747.0	5073	9.3	194158.7	-0707.7	5163	9.5	195711.9	-0736.0	5253	9.5	201153.8	-0716.9
4984	9.0	192534.0	-0725.7	5074	9.5	194220.1	-0754.1	5164	9.4	195743.7	-0724.6	5254	9.8	201155.6	-0731.4
4985	9.8	192536.4	-0704.8	5075	9.4	194233.4	-0744.0	5165	9.8	195807.8	-0740.1	5255	9.5	201155.7	-0742.1
4986	9.5	192553.9	-0742.4	5076	8.8	194240.9	-0725.8	5166	8.9	195828.2	-0727.4	5256	9.2	201203.9	-0756.4
4987	9.5	192605.7	-0739.5	5077	8.9	194242.3	-0733.1	5167	9.8	195847.6	-0715.7	5257	9.3	201222.0	-0718.8
4988	9.4	192607.5	-0735.2	5078	9.4	194300.6	-0736.7	5168	9.2	195852.9	-0722.3	5258	9.0	201227.9	-0751.4
4989	9.0	192612.8	-0757.8	5079	9.1	194305.5	-0712.1	5169	8.2	195857.7	-0725.7	5259	9.3	201245.2	-0719.8
4990	9.0	192630.5	-0729.2	5080	8.9	194306.8	-0726.7	5170	9.4	195910.8	-0752.7	5260	9.0	201305.8	-0721.2
4991	8.5	192642.9	-0705.7	5081	9.8	194307.7	-0701.3	5171	9.8	195921.2	-0726.7	5261	9.5	201307.1	-0735.2
4992	9.5	192646.0	-0720.8	5082	9.5	194314.4	-0754.1	5172	9.5	195921.9	-0701.0	5262	9.4	201307.5	-0717.0
4993	9.0	192650.4	-0753.6	5083	9.4	194331.9	-0724.0	5173	9.4	195927.7	-0743.1	5263	9.0	201308.4	-0737.0
4994	9.3	192704.8	-0755.4	5084	9.5	194335.7	-0718.9	5174	9.4	195949.6	-0711.8	5264	9.8	201327.7	-0741.7
4995	9.3	192705.9	-0728.7	5085	9.4	194342.8	-0742.8	5175	8.8	200015.8	-0739.0	5265	9.4	201340.9	-0701.1
4996	9.1	192714.1	-0749.3	5086	9.5	194404.9	-0730.4	5176	9.2	200017.3	-0738.7	5266	9.5	201342.4	-0737.2
4997	9.8	192731.4	-0715.7	5087	9.6	194411.3	-0725.5	5177	6.8	200021.3	-0710.6	5267	9.1	201342.5	-0701.8
4998	7.0	192741.0	-0746.0	5088	9.1	194442.4	-0710.0	5178	8.7	200035.7	-0731.5	5268	8.7	201400.8	-0734.5
4999	9.5	192742.9	-0719.3	5089	9.3	194505.4	-0745.0	5179	10.	200036.5	-0743.2	5269	8.2	201409.7	-0701.8
5000	8.2	192746.7	-0737.5	5090	9.1	194522.9	-0727.7	5180	9.1	200039.3	-0750.0	5270	9.4	201425.9	-0733.0
5001	9.2	192755.9	-0705.7	5091	8.5	194534.1	-0711.3	5181	9.2	200041.3	-0747.6	5271	9.4	201426.9	-0748.2
5002	9.7	192800.0	-0713.4	5092	8.0	194538.8	-0747.7	5182	9.5	200051.6	-0708.8	5272	9.8	201427.2	-0742.8
5003	9.6	192807.2	-0713.3	5093	9.5	194551.4	-0743.9	5183	8.1	200055.7	-0726.2	5273	9.5	201429.3	-0734.6
5004	9.5	192845.5	-0730.1	5094	8.9	194612.9	-0707.6	5184	9.4	200110.2	-0726.0	5274	9.4	201453.4	-0727.5
5005	9.5	192848.1	-0756.2	5095	9.4	194616.8	-0752.0	5185	9.4	200136.2	-0736.3	5275	9.8	201517.3	-0708.7
5006	5.0	192905.1	-0720.7	5096	9.8	194633.4	-0702.9	5186	9.3	200151.6	-0702.3	5276	9.6	201540.0	-0751.5
5007	9.5	192913.0	-0739.1	5097	9.8	194647.1	-0737.5	5187	9.5	200152.1	-0707.2	5277	9.6	201547.9	-0732.5
5008	9.5	192932.7	-0709.4	5098	9.0	194708.0	-0715.5	5188	9.4	200203.8	-0735.7	5278	9.3	201549.8	-0703.1
5009	9.3	192933.7	-0712.9	5099	8.0	194708.9	-0725.9	5189	9.5	200208.8	-0736.8	5279	9.5	201553.2	-0713.7
5010	9.5	192949.6	-0706.7	5100	8.8	194712.9	-0749.9	5190	9.4	200217.4	-0723.5	5280	9.8	201624.9	-0710.7
5011	9.0	192954.2	-0723.2	5101	8.7	194716.7	-0718.8	5191	9.7	200225.3	-0751.1	5281	9.0	201636.4	-0714.1
5012	9.5	193013.8	-0741.0	5102	6.3	194732.5	-0706.4	5192	9.8	200242.2	-0722.8	5282	8.7	201658.9	-0714.9
5013	9.0	193015.0	-0728.1	5103	8.9	194754.8	-0705.4	5193	9.0	200306.1	-0703.0	5283	9.0	201710.1	-0715.5
5014	9.5	193017.9	-0706.7	5104	9.8	194821.7	-0750.2	5194	9.8	200313.8	-0741.9	5284	9.8	201721.8	-0725.1
5015	9.4	193034.6	-0703.2	5105	9.7	194832.3	-0759.7	5195	9.5	200315.7	-0722.5	5285	9.5	201736.9	-0729.3
5016	9.5	193048.8	-0743.1	5106	8.5	194834.9	-0714.3	5196	9.7	200319.2	-0724.3	5286	9.2	201805.2	-0724.7
5017	9.5	193107.6	-0759.1	5107	9.4	194844.2	-0718.0	5197	9.4	200323.6	-0701.9	5287	9.5	201806.3	-0719.9
5018	8.7	193108.3	-0743.7	5108	9.0	194852.6	-0737.7	5198	8.3	200335.8	-0738.5	5288	9.6	201808.0	-0723.3
5019	9.4	193122.9	-0725.6	5109	9.5	194855.1	-0726.4	5199	9.1	200348.0	-0713.2	5289	9.6	201848.8	-0715.5
5020	10.	193127.8	-0704.0	5110	9.1	194856.5	-0759.6	5200	8.0	200348.1	-0743.0	5290	9.0	201851.9	-0728.6
5021	9.5	193133.8	-0715.1	5111	9.5	194906.1	-0731.0	5201	9.3	200351.7	-0731.0	5291	9.7	201903.0	-0716.1
5022	9.1	193136.2	-0733.2	5112	9.5	194910.5	-0708.2	5202	9.0	200355.2	-0723.4	5292	9.8	201908.8	-0700.8
5023	8.8	193147.5	-0713.3	5113	9.2	194922.7	-0754.2	5203	9.2	200400.5	-0756.3	5293	9.5	201921.9	-0758.8
5024	7.8	193153.1	-0702.1	5114	7.3	194923.2	-0747.3	5204	9.0	200405.5	-0755.6	5294	9.8	201929.4	-0715.5
5025	9.1	193216.3	-0728.5	5115	6.7	194938.5	-0704.8	5205	9.0	200417.7	-0722.7	5295	9.4	201930.9	-0725.1
5026	9.1	193239.0	-0756.5	5116	9.0	194950.1	-0700.1	5206	9.8	200440.4	-0753.5	5296	9.3	201943.9	-0745.5
5027	9.5	193240.8	-0722.0	5117	9.1	195003.8	-0720.6	5207	8.0	200453.8	-0758.8	5297	9.5	201945.8	-0715.0
5028	7.0	193254.8	-0750.4	5118	9.8	195009.4	-0717.0	5208	8.5	200455.0	-0736.1	5298	9.5	201947.8	-0700.2

5299	9.8	201950.8	-0708.6	5389	8.2	203731.1	-0716.9	5479	8.3	205642.7	-0737.3	5569	8.7	212058.4	-0714.9
5300	9.7	201958.9	-0719.7	5390	9.8	203745.6	-0724.7	5480	9.3	205648.3	-0700.9	5570	9.4	212118.6	-0747.1
5301	7.8	202006.3	-0708.9	5391	9.0	203746.7	-0746.9	5481	9.1	205711.5	-0719.7	5571	8.9	212126.5	-0720.0
5302	9.5	202006.9	-0726.7	5392	9.8	203756.5	-0712.6	5482	9.8	205741.6	-0724.7	5572	9.1	212150.6	-0707.1
5303	8.5	202023.3	-0757.2	5393	10.	203805.1	-0705.1	5483	9.3	205742.4	-0734.6	5573	9.5	212216.0	-0723.1
5304	9.0	202101.8	-0701.5	5394	9.6	203847.2	-0736.2	5484	9.0	205800.4	-0752.1	5574	8.6	212220.1	-0755.8
5305	9.5	202107.6	-0721.6	5395	9.6	203849.7	-0744.2	5485	9.8	205801.0	-0749.2	5575	9.3	212221.5	-0714.9
5306	8.9	202116.3	-0759.0	5396	9.1	203854.1	-0724.3	5486	9.0	205831.8	-0716.1	5576	9.5	212233.0	-0727.9
5307	8.5	202119.4	-0729.6	5397	9.4	203856.7	-0717.1	5487	9.4	205840.5	-0758.9	5577	9.6	212336.1	-0732.7
5308	9.3	202143.8	-0726.8	5398	9.0	203902.0	-0700.5	5488	9.5	205856.7	-0759.1	5578	9.8	212344.6	-0714.1
5309	9.8	202146.4	-0719.7	5399	9.8	203918.7	-0729.2	5489	9.8	205910.9	-0716.2	5579	9.0	212400.4	-0728.4
5310	9.3	202203.9	-0724.2	5400	9.4	203930.6	-0727.7	5490	9.1	205913.8	-0701.6	5580	10.	212415.0	-0714.6
5311	9.8	202204.2	-0750.1	5401	9.4	203946.7	-0749.6	5491	9.8	205919.1	-0725.0	5581	8.8	212448.3	-0718.5
5312	9.8	202214.6	-0758.7	5402	8.0	203954.6	-0738.2	5492	9.1	205922.2	-0747.3	5582	10.	212551.2	-0709.6
5313	9.8	202225.8	-0745.9	5403	9.4	204000.2	-0715.9	5493	9.2	205934.2	-0745.5	5583	9.7	212552.1	-0719.2
5314	9.4	202233.3	-0757.3	5404	9.3	204002.1	-0728.6	5494	9.8	205939.9	-0709.4	5584	8.5	212600.1	-0700.8
5315	10.	202254.9	-0741.6	5405	9.6	204009.7	-0702.0	5495	9.6	205942.5	-0718.9	5585	9.5	212621.6	-0728.1
5316	8.8	202308.0	-0736.1	5406	9.8	204016.1	-0721.8	5496	9.3	210010.6	-0759.9	5586	9.5	212647.7	-0743.4
5317	9.6	202327.6	-0710.4	5407	9.1	204021.7	-0746.8	5497	9.5	210019.5	-0714.6	5587	9.5	212651.1	-0731.6
5318	9.3	202400.1	-0728.4	5408	8.7	204025.5	-0719.8	5498	9.4	210025.2	-0741.7	5588	9.8	212714.6	-0715.4
5319	9.8	202403.2	-0734.9	5409	9.8	204025.6	-0722.5	5499	9.3	210051.5	-0722.4	5589	9.8	212733.7	-0744.6
5320	9.8	202426.5	-0742.0	5410	8.5	204043.3	-0719.7	5500	9.8	210056.6	-0712.0	5590	9.3	212811.6	-0705.9
5321	8.8	202436.4	-0756.4	5411	9.0	204116.3	-0716.3	5501	7.8	210102.7	-0734.2	5591	9.5	212824.1	-0733.7
5322	9.2	202444.1	-0752.7	5412	9.2	204122.3	-0736.4	5502	9.4	210136.0	-0758.1	5592	9.5	212832.2	-0738.8
5323	9.3	202513.9	-0707.1	5413	7.4	204205.4	-0714.0	5503	9.5	210201.1	-0720.5	5593	9.5	212845.7	-0709.5
5324	9.1	202537.3	-0717.7	5414	9.5	204220.7	-0736.6	5504	9.3	210251.3	-0751.9	5594	9.6	212851.4	-0758.9
5325	9.5	202547.3	-0749.5	5415	10.	204239.2	-0726.1	5505	9.5	210254.7	-0730.9	5595	9.6	212856.1	-0710.7
5326	9.7	202606.0	-0714.7	5416	9.0	204259.8	-0721.7	5506	9.5	210302.1	-0757.2	5596	9.3	212913.7	-0710.4
5327	9.9	202608.4	-0712.6	5417	9.3	204320.3	-0711.7	5507	8.6	210342.6	-0756.1	5597	9.5	212939.6	-0732.7
5328	9.0	202616.4	-0759.9	5418	9.9	204328.4	-0719.9	5508	9.8	210405.1	-0715.1	5598	9.1	212959.2	-0735.2
5329	9.5	202622.3	-0731.3	5419*	9.3	204342.9	-0753.0	5509	9.7	210422.2	-0714.1	5599	9.5	213002.1	-0757.7
5330	9.0	202625.0	-0750.3	5420	9.8	204350.5	-0731.6	5510	9.4	210446.6	-0715.2	5600	8.8	213003.2	-0711.6
5331	9.0	202702.1	-0743.5	5421	9.4	204400.5	-0745.9	5511	8.8	210459.6	-0727.8	5601	9.7	213010.7	-0713.5
5332	9.8	202712.1	-0757.0	5422	9.5	204423.5	-0740.3	5512	8.2	210504.3	-0745.0	5602	9.4	213028.6	-0705.5
5333	9.5	202720.4	-0725.6	5423	9.2	204425.0	-0754.9	5513	9.4	210511.2	-0736.5	5603	9.5	213030.0	-0729.2
5334	9.8	202729.9	-0702.8	5424	9.2	204425.9	-0730.2	5514	9.2	210516.1	-0722.0	5604	9.3	213033.3	-0752.0
5335	9.1	202735.5	-0741.9	5425	9.6	204442.3	-0710.3	5515	9.8	210534.5	-0712.6	5605	9.3	213036.7	-0709.7
5336	9.5	202738.6	-0749.5	5426	9.1	204457.3	-0720.9	5516	8.7	210538.3	-0749.7	5606	9.5	213053.2	-0757.1
5337	9.8	202740.9	-0701.9	5427	9.4	204458.6	-0705.2	5517	8.9	210539.8	-0717.2	5607	9.8	213112.8	-0714.2
5338	9.3	202755.0	-0724.2	5428	9.2	204503.5	-0734.4	5518	7.3	210556.1	-0703.7	5608	9.4	213133.5	-0756.1
5339	9.9	202757.1	-0744.8	5429	9.1	204506.5	-0737.5	5519	9.5	210617.7	-0724.7	5609	9.8	213151.2	-0717.3
5340	9.9	202759.0	-0725.4	5430	9.1	204523.9	-0723.5	5520	9.3	210626.9	-0753.1	5610	9.4	213152.5	-0758.6
5341	9.2	202820.6	-0747.9	5431	9.4	204537.2	-0751.9	5521	9.4	210655.2	-0747.8	5611	8.2	213241.1	-0701.5
5342	9.0	202821.9	-0710.7	5432	9.2	204543.1	-0751.6	5522	7.2	210712.4	-0741.2	5612	8.2	213242.7	-0727.9
5343	9.5	202827.2	-0744.8	5433	6.5	204614.9	-0725.8	5523	9.8	210716.3	-0701.9	5613	7.0	213245.7	-0737.7
5344	9.7	202839.9	-0716.2	5434	9.4	204642.0	-0734.6	5524	9.0	210750.4	-0733.9	5614	9.5	213301.3	-0740.8
5345	9.8	202842.2	-0755.5	5435	9.0	204646.5	-0743.6	5525	9.5	210751.3	-0728.7	5615	9.0	213323.8	-0751.5
5346	9.5	202910.4	-0709.9	5436	9.5	204716.8	-0727.0	5526	9.5	210834.8	-0721.6	5616	9.5	213326.2	-0748.9
5347	9.6	202942.4	-0702.0	5437	7.6	204719.5	-0743.0	5527	9.4	210841.7	-0720.3	5617	9.8	213343.8	-0705.9
5348	9.6	202949.0	-0710.8	5438	9.4	204724.0	-0701.9	5528	9.5	210913.6	-0755.4	5618	9.2	213419.8	-0715.3
5349	8.7	202950.9	-0716.1	5439	9.4	204730.4	-0724.5	5529	9.0	210956.4	-0716.6	5619	8.5	213453.3	-0747.2
5350	9.5	202956.9	-0738.6	5440	10.	204733.7	-0703.5	5530	9.5	211032.4	-0712.2	5620	9.8	213457.8	-0725.8
5351	9.3	203003.7	-0750.4	5441	9.3	204758.3	-0715.0	5531	9.3	211040.0	-0757.8	5621	9.9	213522.0	-0701.8
5352	9.3	203014.0	-0721.1	5442	9.2	204805.0	-0740.0	5532	10.	211043.1	-0719.3	5622	9.0	213540.2	-0721.0
5353	9.7	203030.0	-0743.3	5443	9.4	204819.8	-0702.6	5533	9.6	211053.0	-0708.4	5623	9.0	213549.5	-0703.5
5354	8.7	203046.4	-0710.9	5444	10.	204831.5	-0719.0	5534	9.8	211106.9	-0737.3	5624	8.0	213633.9	-0748.9
5355	9.5	203049.5	-0719.8	5445	8.3	204842.1	-0749.0	5535	9.5	211107.9	-0713.3	5625	9.3	213706.4	-0742.3
5356	9.7	203108.5	-0721.2	5446	9.3	204844.5	-0725.6	5536	7.8	211111.0	-0702.6	5626	8.0	213707.8	-0700.6
5357	9.1	203115.0	-0712.4	5447	9.4	204848.0	-0738.1	5537	7.8	211117.2	-0756.1	5627	8.6	213716.9	-0743.5
5358	9.1	203118.5	-0744.7	5448	8.0	204855.5	-0730.5	5538	8.0	211117.8	-0744.7	5628	9.5	213719.7	-0732.8
5359	9.5	203119.9	-0709.6	5449	9.5	204858.2	-0714.7	5539	10.	211155.3	-0741.6	5629	8.8	213729.8	-0733.1
5360	9.0	203120.3	-0725.2	5450	8.5	204920.5	-0701.8	5540	9.1	211215.0	-0736.4	5630	9.8	213733.6	-0732.0
5361	9.4	203123.2	-0751.8	5451	9.2	204927.8	-0759.3	5541	9.7	211218.9	-0702.1	5631	9.4	213803.7	-0713.2
5362	8.5	203133.6	-0753.7	5452	9.5	204936.7	-0706.5	5542	9.6	211236.4	-0758.5	5632	9.0	213813.9	-0745.7
5363	9.6	203146.1	-0726.5	5453	9.1	204952.1	-0712.3	5543	9.0	211313.0	-0724.5	5633	9.8	213823.4	-0746.4
5364	9.1	203228.4	-0715.6	5454	10.	205005.2	-0759.2	5544	9.6	211340.0	-0729.9	5634	9.6	213849.6	-0720.4
5365	9.3	203235.1	-0749.6	5455	8.5	205007.0	-0726.5	5545	9.6	211440.5	-0712.2	5635	8.8	213907.9	-0756.9
5366	9.7	203242.4	-0712.0	5456	9.0	205009.8	-0701.5	5546	9.3	211441.4	-0728.2	5636	9.9	213930.7	-0734.2
5367	9.3	203243.8	-0720.6	5457	9.5	205042.1	-0750.9	5547	9.6	211507.2	-0756.1	5637	7.8	214022.2	-0708.1
5368	9.8	203252.5	-0755.8	5458	9.2	205044.5	-0732.1	5548	9.5	211528.6	-0708.6	5638	9.1	214036.5	-0739.4
5369	8.0	203301.4	-0718.1	5459	9.2	205052.6	-0746.0	5549	8.0	211611.3	-0712.2	5639	8.9	214041.3	-0722.0
5370	9.2	203302.7	-0726.6	5460	7.8	205123.4	-0727.7	5550	8.5	211614.0	-0712.2	5640	9.5	214045.9	-0707.9
5371	9.4	203309.0	-0723.1	5461	10.	205149.1	-0738.6	5551	8.0	211629.5	-0721.6	5641	9.6	214049.9	-0712.6
5372	9.0	203310.7	-0717.4	5462	9.6	205201.1	-0743.6	5552	9.7	211637.3	-0753.8	5642	9.5	214059.8	-0736.7
5373	8.5	203318.7	-0721.7	5463	9.4	205211.4	-0754.9	5553	7.3	211655.2	-0719.9	5643	9.1	214116.6	-0713.7
5374	9.2	203328.5	-0723.9	5464	9.1	205229.8	-0759.3	5554	9.8	211717.1	-0705.2	5644	9.6	214137.3	-0730.7
5375	9.6	203337.5	-0714.3	5465	9.4	205244.9	-0754.7	5555	9.1	211726.1	-0740.1	5645	9.5	214154.2	-0743.0
5376	8.5	203341.6	-0742.3	5466	9.5	205250.0	-0731.5	5556	9.3	211737.3	-0738.8	5646	9.8	214239.9	-0704.7
5377	9.3	203343.7	-0713.7	5467	9.5	205253.9	-0756.5	5557	9.6	211812.7	-0708.8	5647	9.7	214245.1	-0752.9
5378	8.7	203401.4	-0701.3	5468	9.8	205300.7	-0754.6	5558	9.6	211842.6	-0704.5	5648	9.3	214258.5	-0759.4
5379	9.5	203416.5	-0732.6	5469	9.2	205308.8	-0756.1	5559	9.5	211904.6	-0725.8	5649	9.2	214306.4	-0748.7
5380	9.3	203438.9	-0733.6	5470	10.	205329.6	-0720.3	5560	9.6	211911.4	-0747.1	5650	9.0	214343.3	-0719.8
5381	9.4	203456.5	-0728.1	5471	9.5	205341.1	-0739.6	5561	8.6	211918.7	-0736.3	5651	9.2	214344.4	-0740.1
5382	9.8	203540.0	-0711.7	5472	9.1	205352.2	-0753.9	5562	9.5	211921.8	-0732.9	5652	9.8	214353.4	-0704.9
5383	9.4	203607.9	-0704.9	5473	9.8	205355.8	-0703.6	5563	8.5	211922.6	-0706.0	5653	9.0	214418.9	-0716.2
5384	9.3	203616.1	-0720.0	5474	9.5	205427.0	-0755.7	5564	9.5	211927.8	-0738.6	5654	9.5	214421.0	-0708.1
5385	9.5	203620.6	-0728.1	5475	9.8	205439.8	-0757.3	5565	7.5	211942.2	-0738.5	5655	9.5	214422.1	-0730.2
5386	9.0	203635.7	-0752.9	5476	7.8	205513.8	-0753.5	5566	9.8	211957.6	-0704.8	5656	9.4	214427.9	-0739.1
5387	9.0	203654.5	-0751.9	5477	9.6	205602.0	-0756.6	5567	9.5	212037.1	-0751.8	5657	9.5	214438.3	-0729.3
5388	9.4	203715.6	-0725.5	5478	9.3	205633.1	-0731.3	5568	9.8	212044.5	-0701.3	5658	9.5	214503.9	-0725.7

-07 5659 21h45m

-07 6018 23h20m

5659	9.0	214514.3	-0701.4	5749	9.5	221246.2	-0709.0	5839	8.2	223548.8	-0709.3	5929	9.5	225749.8	-0723.5
5660	9.1	214518.9	-0710.4	5750	9.6	221247.8	-0735.7	5840	10.	223552.9	-0705.1	5930	9.4	225750.2	-0726.7
5661	9.5	214521.8	-0725.3	5751	9.0	221256.4	-0752.0	5841	9.6	223605.6	-0754.8	5931	8.9	225756.4	-0756.8
5662	9.1	214522.7	-0741.1	5752	9.5	221317.9	-0753.2	5842	9.1	223615.5	-0709.9	5932	9.0	225852.6	-0736.9
5663	9.4	214601.0	-0749.4	5753	9.0	221324.9	-0741.9	5843	9.6	223618.2	-0718.5	5933	9.9	225855.1	-0712.5
5664	8.7	214618.9	-0711.9	5754	10.	221332.2	-0718.6	5844	10.	223623.0	-0752.6	5934	9.8	225924.6	-0740.5
5665	9.8	214641.9	-0714.8	5755	9.1	221336.4	-0709.7	5845	10.	223657.0	-0726.7	5935	9.6	230010.9	-0754.9
5666	9.2	214721.0	-0700.6	5756	9.5	221352.0	-0721.6	5846	10.	223705.4	-0738.3	5936	9.8	230022.1	-0713.6
5667	9.5	214811.6	-0708.2	5757	10.	221420.4	-0755.7	5847	8.5	223720.2	-0739.6	5937	9.5	230028.0	-0724.3
5668	9.5	214816.1	-0753.6	5758	9.5	221422.2	-0720.6	5848	9.9	223726.9	-0700.6	5938	9.5	230029.9	-0708.1
5669	7.3	214834.0	-0739.7	5759	9.9	221425.9	-0717.3	5849	9.6	223732.0	-0706.5	5939	9.5	230041.7	-0707.5
5670	9.5	214843.1	-0707.8	5760	8.5	221430.0	-0717.8	5850	9.5	223737.6	-0724.6	5940	9.4	230121.0	-0723.0
5671	9.4	214846.0	-0722.4	5761	9.5	221437.1	-0745.6	5851	9.5	223752.3	-0738.0	5941	9.2	230122.6	-0735.7
5672	9.1	214919.4	-0724.8	5762	10.	221444.4	-0754.3	5852	10.	223810.0	-0704.8	5942	10.	230134.0	-0705.1
5673	9.5	214927.1	-0753.0	5763	10.	221522.4	-0742.7	5853	10.	223843.1	-0752.6	5943	8.5	230217.9	-0752.6
5674	9.6	215001.0	-0702.9	5764	9.3	221542.9	-0729.8	5854	9.8	223859.5	-0707.0	5944	9.9	230247.5	-0734.0
5675	9.8	215035.0	-0704.7	5765	6.5	221555.5	-0755.4	5855	10.	223900.0	-0704.2	5945	9.7	230256.3	-0735.0
5676	9.4	215045.9	-0712.6	5766	9.5	221556.8	-0720.4	5856	10.	223919.1	-0754.0	5946	9.5	230259.8	-0715.7
5677	9.4	215103.6	-0703.8	5767	9.9	221619.9	-0712.5	5857	9.6	223923.2	-0732.6	5947	9.4	230310.4	-0710.6
5678	9.4	215106.0	-0701.9	5768	9.1	221639.6	-0716.5	5858	8.1	223948.6	-0729.8	5948	10.	230339.6	-0719.2
5679	9.5	215125.9	-0711.2	5769	10.	221649.5	-0749.9	5859	9.8	224000.6	-0745.4	5949	9.8	230350.0	-0714.5
5680	9.4	215133.5	-0735.3	5770	9.5	221707.4	-0710.7	5860	10.	224023.5	-0740.9	5950	10.	230417.3	-0729.4
5681	9.6	215157.6	-0715.0	5771	10.	221713.3	-0728.3	5861	9.0	224031.0	-0719.0	5951	10.	230428.5	-0711.2
5682	9.4	215217.1	-0748.4	5772	9.5	221718.9	-0711.1	5862	10.	224057.6	-0708.9	5952	9.5	230432.4	-0741.7
5683	8.5	215302.6	-0707.3	5773	9.1	221725.5	-0706.4	5863	10.	224109.3	-0728.1	5953	9.4	230441.8	-0732.9
5684	9.3	215359.9	-0756.7	5774	9.7	221733.9	-0728.2	5864	10.	224111.2	-0708.4	5954	9.7	230443.1	-0750.8
5685	9.8	215411.5	-0704.7	5775	10.	221735.5	-0752.1	5865	9.3	224133.0	-0754.0	5955	9.3	230458.2	-0728.0
5686	9.3	215452.1	-0727.2	5776	9.0	221749.4	-0710.2	5866	9.0	224136.7	-0716.7	5956	9.3	230515.1	-0751.0
5687	9.5	215530.5	-0715.6	5777	9.7	221807.5	-0759.3	5867	9.6	224150.9	-0701.3	5957	9.1	230522.5	-0744.6
5688	6.0	215538.8	-0713.2	5778	9.3	221816.4	-0737.0	5868	10.	224218.2	-0727.7	5958	10.	230558.1	-0750.2
5689	9.5	215553.1	-0704.6	5779	10.	221816.5	-0730.9	5869	9.6	224220.7	-0732.6	5959	9.1	230559.6	-0706.8
5690	9.5	215555.1	-0751.2	5780	10.	221830.4	-0724.0	5870	9.8	224243.4	-0704.1	5960	9.5	230612.7	-0705.7
5691	9.5	215600.9	-0705.7	5781	10.	221846.4	-0707.7	5871	9.4	224246.5	-0752.2	5961	9.7	230617.6	-0701.6
5692	9.5	215604.5	-0718.9	5782	9.2	221927.5	-0736.0	5872	9.8	224251.4	-0710.7	5962	9.7	230619.7	-0724.3
5693	9.5	215617.5	-0759.7	5783	9.5	221934.3	-0713.4	5873	8.2	224258.3	-0740.6	5963	9.0	230642.9	-0737.0
5694	9.5	215647.0	-0725.9	5784	9.1	221940.4	-0758.6	5874	10.	224304.8	-0704.3	5964	9.1	230708.3	-0732.8
5695	8.0	215726.1	-0700.1	5785	9.8	221941.6	-0744.1	5875	9.7	224310.6	-0719.6	5965	9.4	230713.7	-0730.1
5696	9.3	215740.0	-0729.9	5786	9.1	221948.2	-0755.2	5876	10.	224313.3	-0759.8	5966	10.	230714.6	-0752.8
5697	9.5	215745.1	-0700.5	5787	10.	221952.5	-0723.4	5877	9.1	224313.9	-0744.2	5967	9.8	230715.4	-0712.3
5698	9.8	215827.1	-0707.9	5788	9.4	222020.9	-0722.6	5878	9.3	224317.8	-0742.9	5968	9.6	230727.7	-0703.1
5699	9.4	215834.1	-0704.1	5789	9.6	222029.6	-0746.1	5879	9.8	224340.7	-0725.0	5969	9.8	230738.1	-0715.0
5700	8.6	215907.7	-0739.3	5790	10.	222119.6	-0736.8	5880	9.5	224404.9	-0744.4	5970	10.	230749.7	-0715.3
5701	7.6	215909.1	-0725.9	5791	9.6	222120.5	-0740.0	5881	10.	224449.1	-0751.3	5971	9.9	230803.0	-0705.2
5702	9.5	215933.0	-0717.1	5792	8.5	222148.8	-0747.5	5882	8.7	224453.4	-0743.1	5972	9.4	230812.6	-0728.1
5703	9.3	215947.1	-0704.7	5793	10.	222152.4	-0758.3	5883	9.5	224500.7	-0713.8	5973	8.7	230826.5	-0740.8
5704	9.5	215954.9	-0759.8	5794	9.5	222221.7	-0752.1	5884	9.8	224540.3	-0719.3	5974	9.0	230907.6	-0748.4
5705	8.6	220004.1	-0734.6	5795	9.5	222332.5	-0725.3	5885	9.8	224558.2	-0726.9	5975	7.3	230927.8	-0757.0
5706	9.0	220027.6	-0722.8	5796	9.3	222337.1	-0749.9	5886	7.0	224701.0	-0758.6	5976	9.4	230956.5	-0712.2
5707	9.8	220032.1	-0702.0	5797	6.5	222341.8	-0717.8	5887	9.4	224705.0	-0702.7	5977	9.7	231017.2	-0715.7
5708	8.2	220038.7	-0705.1	5798	10.	222342.8	-0712.0	5888	9.4	224738.4	-0759.6	5978	10.	231047.0	-0706.5
5709	9.1	220041.9	-0729.0	5799	9.5	222357.7	-0749.9	5889	9.8	224800.3	-0727.7	5979	9.5	231116.8	-0722.1
5710	9.6	220042.6	-0724.5	5800	9.7	222411.0	-0704.3	5890	9.8	224809.7	-0712.2	5980	9.5	231126.2	-0750.2
5711	9.0	220050.1	-0735.8	5801	9.8	222411.6	-0736.5	5891	8.8	224820.9	-0715.7	5981	9.3	231128.7	-0704.7
5712	10.	220133.1	-0725.1	5802	10.	222420.5	-0746.8	5892	8.3	224848.1	-0719.2	5982	9.0	231129.9	-0730.8
5713	8.5	220138.5	-0756.6	5803	10.	222421.3	-0709.7	5893	10.	224853.7	-0707.8	5983	9.4	231140.3	-0708.5
5714	9.8	220146.2	-0743.2	5804	9.5	222445.0	-0741.8	5894	9.8	224921.3	-0721.2	5984	9.5	231154.7	-0700.5
5715	8.7	220202.2	-0706.0	5805	7.4	222457.3	-0712.9	5895	9.1	224931.8	-0735.8	5985	9.5	231218.0	-0729.3
5716	9.9	220223.2	-0704.8	5806	9.7	222511.9	-0738.1	5896	9.4	224941.2	-0754.9	5986	9.4	231223.8	-0753.6
5717	9.4	220327.1	-0729.4	5807	9.0	222528.5	-0755.4	5897	8.7	225011.3	-0721.7	5987	9.5	231231.0	-0730.2
5718	10.	220327.1	-0719.3	5808	9.7	222535.3	-0756.1	5898	9.0	225101.7	-0713.8	5988	9.3	231305.3	-0724.2
5719	10.	220332.2	-0723.3	5809	9.0	222547.7	-0704.0	5899	10.	225114.9	-0701.0	5989	8.7	231308.2	-0714.9
5720	9.4	220347.5	-0741.9	5810	9.8	222554.8	-0719.1	5900	9.5	225121.8	-0757.1	5990	8.2	231313.4	-0724.8
5721	9.5	220400.8	-0738.9	5811	9.2	222647.4	-0719.6	5901	9.5	225146.9	-0704.1	5991	10.	231335.1	-0738.2
5722	9.3	220403.3	-0746.8	5812	9.3	222649.9	-0733.5	5902	8.6	225157.5	-0722.9	5992	10.	231341.9	-0756.5
5723	9.5	220421.8	-0741.3	5813	10.	222651.5	-0747.8	5903	9.2	225215.2	-0709.5	5993	8.0	231345.1	-0748.7
5724	9.5	220437.2	-0721.6	5814	9.0	222711.3	-0728.8	5904	9.5	225229.0	-0704.1	5994	8.9	231423.9	-0716.5
5725	8.6	220442.6	-0746.6	5815	9.6	222742.3	-0707.2	5905	9.5	225242.4	-0730.7	5995	9.8	231438.1	-0742.0
5726	9.9	220448.1	-0711.8	5816	9.4	222801.5	-0736.9	5906	9.2	225303.1	-0750.5	5996	9.8	231452.0	-0716.7
5727	7.4	220505.2	-0711.2	5817	8.5	222811.9	-0730.4	5907	9.4	225306.3	-0759.2	5997	9.1	231456.2	-0745.8
5728	10.	220556.1	-0719.8	5818	8.7	222827.6	-0749.4	5908	9.4	225346.9	-0713.2	5998	8.5	231456.8	-0735.5
5729	9.5	220609.1	-0719.4	5819	9.6	222851.1	-0739.0	5909	9.5	225348.2	-0730.4	5999	10.	231501.9	-0724.7
5730	9.5	220630.2	-0733.2	5820	8.9	222919.1	-0712.1	5910	6.8	225351.1	-0749.9	6000	9.3	231528.2	-0718.2
5731	9.5	220643.8	-0746.0	5821	9.5	222948.6	-0746.9	5911	8.5	225412.6	-0744.3	6001	8.7	231531.4	-0723.5
5732	7.7	220705.3	-0706.9	5822	9.8	223020.2	-0750.3	5912	10.	225454.9	-0717.8	6002	9.4	231645.4	-0705.2
5733	7.7	220717.2	-0727.0	5823	9.5	223022.1	-0714.3	5913	6.8	225500.8	-0721.2	6003	9.5	231650.8	-0701.7
5734	9.1	220740.5	-0728.8	5824	10.	223109.6	-0753.9	5914	10.	225501.7	-0704.6	6004	8.7	231657.7	-0745.8
5735	8.7	220749.3	-0744.9	5825	8.8	223202.2	-0744.8	5915	9.4	225508.5	-0707.5	6005	9.2	231659.5	-0730.2
5736	9.7	220828.5	-0756.6	5826	9.7	223211.7	-0744.8	5916	9.4	225513.1	-0742.8	6006	9.1	231706.6	-0712.9
5737	8.5	220829.3	-0747.8	5827	7.5	223238.7	-0717.4	5917	10.	225516.4	-0739.4	6007	9.7	231713.5	-0710.8
5738	9.4	220909.7	-0730.8	5828	9.0	223242.1	-0733.4	5918	9.4	225527.5	-0708.7	6008	9.1	231738.7	-0746.9
5739	8.5	220910.6	-0752.0	5829	9.6	223300.0	-0727.1	5919	10.	225531.5	-0756.9	6009	10.	231750.3	-0749.8
5740	9.4	220947.4	-0744.6	5830	9.4	223344.8	-0700.1	5920	9.6	225533.4	-0753.1	6010	9.5	231804.0	-0724.3
5741	9.5	220948.5	-0719.9	5831	9.8	223411.6	-0731.7	5921	9.5	225558.5	-0733.9	6011	8.9	231837.3	-0756.1
5742	9.5	221043.1	-0704.6	5832	9.1	223412.9	-0718.9	5922	9.4	225610.6	-0707.1	6012	7.0	231904.9	-0724.2
5743	8.8	221051.3	-0721.6	5833	8.5	223447.6	-0737.9	5923	10.	225630.5	-0757.8	6013	10.	231913.2	-0701.8
5744	9.5	221051.4	-0738.7	5834	9.7	223452.8	-0717.5	5924	9.0	225639.6	-0705.9	6014	9.3	231926.8	-0750.5
5745	9.7	221123.0	-0756.1	5835	9.8	223508.1	-0740.6	5925	8.0	225651.9	-0728.1	6015	10.	231943.2	-0734.6
5746	9.5	221139.9	-0707.0	5836	9.7	223535.8	-0709.4	5926	9.3	225716.4	-0724.2	6016	9.4	231956.7	-0719.2
5747	9.5	221222.4	-0743.1	5837	8.0	223538.6	-0758.9	5927	10.	225743.0	-0720.8	6017	9.4	232003.1	-0727.9
5748	9.5	221222.7	-0714.5	5838	7.0	223540.2	-0743.3	5928	10.	225746.0	-0705.8	6018	9.1	232007.7	-0746.2

-07 6019 23h20m

-08 225 1h11m

6019	9.5	232042.4	-0707.7	6109	9.4	234644.1	-0717.8	46	9.8	01313.0	-0818.1	156	10.	03833.3	-0835.0
6020	10.	232057.3	-0737.3	6110	9.0	234658.6	-0738.0	47	9.6	01319.0	-0853.6	157	10.	03835.3	-0845.2
6021	9.2	232104.9	-0747.9	6111	9.9	234659.7	-0719.0	48	10.	01345.5	-0840.1	158	9.7	03912.6	-0834.9
6022	9.9	232108.3	-0708.8	6112	9.5	234710.0	-0750.8	49	9.2	01414.9	-0817.9	159	9.5	03937.3	-0835.9
6023	9.4	232111.3	-0708.2	6113	9.7	234855.7	-0727.8	50	10.	01451.7	-0842.5	160	9.5	04011.3	-0833.1
6024	9.8	232128.4	-0726.0	6114	9.4	234917.1	-0739.4	51	9.5	01509.8	-0836.8	161	9.4	04015.3	-0800.4
6025	9.3	232129.9	-0726.4	6115	8.7	234937.1	-0703.8	52	9.5	01524.9	-0858.7	162	9.5	04127.0	-0830.8
6026	9.5	232200.3	-0738.6	6116	9.0	234944.2	-0743.2	53	10.	01539.5	-0840.3	163	9.5	04152.5	-0824.0
6027	8.2	232207.3	-0738.3	6117	9.4	235007.7	-0743.7	54	9.4	01603.2	-0847.9	164	9.8	04216.1	-0826.5
6028	8.7	232210.4	-0706.4	6118	9.7	235010.6	-0706.7	55	9.3	01612.2	-0848.2	165	7.8	04224.6	-0857.9
6029	9.0	232229.9	-0703.7	6119	9.2	235026.3	-0754.6	56	9.4	01650.7	-0827.7	166	9.0	04227.9	-0846.2
6030	9.5	232230.1	-0725.3	6120	10.	235101.3	-0702.7	57	8.9	01716.7	-0844.1	167	9.2	04237.9	-0853.4
6031	10.	232234.1	-0724.4	6121	9.7	235117.5	-0755.2	58	9.0	01800.2	-0821.6	168	9.5	04242.6	-0839.7
6032	9.8	232315.0	-0725.4	6122	9.5	235118.5	-0724.9	59	9.8	01829.7	-0859.5	169	9.7	04245.3	-0833.0
6033	9.5	232319.2	-0715.8	6123	8.8	235148.7	-0742.1	60	9.5	01831.0	-0807.0	150	9.7	04346.0	-0819.5
6034	9.8	232325.9	-0721.4	6124	9.8	235203.5	-0710.3	61	9.2	01831.8	-0843.4	151	9.5	04355.0	-0843.7
6035	9.8	232326.0	-0703.8	6125	9.6	235310.2	-0709.5	62	9.7	01905.9	-0854.8	152	9.7	04359.4	-0842.1
6036	6.8	232332.0	-0705.0	6126	9.2	235311.6	-0736.5	63	9.6	01941.8	-0831.0	153	9.5	04417.1	-0822.9
6037	9.0	232402.7	-0725.5	6127	10.	235311.8	-0704.9	64	9.1	01945.0	-0806.9	154	8.5	04430.8	-0857.2
6038	9.8	232412.2	-0751.7	6128	9.7	235318.1	-0734.0	65	8.1	01945.9	-0840.7	155	9.8	04500.6	-0823.3
6039	9.6	232421.8	-0712.8	6129	9.1	235359.7	-0700.9	66	9.5	01951.1	-0815.9	156	9.5	04528.6	-0825.1
6040	10.	232425.7	-0725.8	6130	9.6	235401.4	-0745.8	67	9.4	01955.1	-0812.9	157	9.7	04531.9	-0841.3
6041	10.	232445.4	-0741.8	6131	9.7	235416.1	-0724.8	68	9.5	02006.0	-0846.4	158	9.4	04607.0	-0812.4
6042	10.	232502.8	-0710.0	6132	10.	235420.4	-0750.1	69	9.7	02018.3	-0823.1	159	9.1	04617.7	-0838.1
6043	10.	232503.3	-0734.7	6133	9.4	235421.0	-0729.6	70	10.	02026.3	-0826.3	160	10.	04644.6	-0857.2
6044	9.1	232505.7	-0726.7	6134	9.3	235436.3	-0746.4	71	9.7	02032.5	-0850.7	161	9.6	04702.6	-0852.5
6045	9.6	232530.0	-0719.6	6135	9.0	235451.9	-0746.8	72	9.5	02040.4	-0831.1	162	9.5	04717.4	-0820.5
6046	7.7	232542.5	-0712.0	6136	9.6	235515.9	-0752.9	73	10.	02044.6	-0809.7	163	8.8	04723.4	-0801.4
6047	9.0	232552.8	-0733.5	6137	9.2	235521.7	-0704.0	74	10.	02047.0	-0857.5	164	9.1	04807.3	-0838.8
6048	9.7	232553.7	-0746.4	6138	9.8	235603.2	-0701.1	75	9.5	02056.9	-0833.0	165	8.2	04821.7	-0850.4
6049	9.9	232605.2	-0703.4	6139	9.9	235633.3	-0741.4	76	9.8	02104.1	-0812.0	166	9.8	04821.7	-0857.7
6050	9.6	232619.8	-0748.7	6140	9.1	235636.4	-0747.7	77	9.5	02130.8	-0822.9	167	6.2	04822.5	-0807.7
6051	9.0	232658.4	-0717.0	6141	9.8	235648.2	-0731.9	78	8.6	02143.4	-0830.2	168	7.8	04849.1	-0848.4
6052	8.8	232802.2	-0757.0	6142	8.0	235705.2	-0746.3	79	9.4	02218.2	-0814.2	169	8.0	04852.2	-0821.8
6053	9.9	232829.5	-0737.8	6143	9.1	235720.0	-0717.4	80	9.8	02249.3	-0822.7	170	10.	04910.7	-0849.3
6054	9.3	232839.7	-0701.9	6144	9.5	235730.0	-0741.6	81	8.7	02307.4	-0853.2	171	9.5	05022.4	-0848.0
6055	7.8	232849.1	-0755.1	6145	9.5	235730.3	-0738.0	82	9.0	02324.8	-0816.3	172	9.5	05024.6	-0803.5
6056	9.9	232909.4	-0752.2	6146	9.8	235731.4	-0759.5	83	9.1	02331.4	-0824.1	173	9.3	05109.6	-0856.4
6057	9.2	232918.9	-0757.1	6147	9.5	235759.0	-0755.8	84	9.3	02415.9	-0825.0	174	9.0	05126.8	-0831.8
6058	9.2	232927.6	-0731.2	6148	9.4	235829.3	-0706.7	85	9.8	02427.5	-0804.5	175	9.8	05141.5	-0844.1
6059	10.	232938.8	-0705.8	6149	9.9	235858.8	-0725.4	86	9.4	02456.3	-0833.4	176	9.0	05222.4	-0858.6
6060	9.7	232953.3	-0706.4	6150	9.4	235920.9	-0704.3	87	8.8	02457.3	-0818.6	177	9.4	05246.8	-0813.7
6061	9.5	233012.3	-0701.3	6151	9.7	235922.8	-0700.3	88	9.7	02552.2	-0817.3	178	9.8	05302.5	-0818.0
6062	9.6	233104.9	-0746.0	6152	9.2	235931.2	-0745.4	89	9.9	02616.8	-0840.0	179	9.2	05344.9	-0831.1
6063	9.6	233143.3	-0746.2	6153	9.4	235953.4	-0756.3	90	9.8	02732.6	-0800.0	180	9.5	05350.8	-0825.4
6064	10.	233159.7	-0719.8	1	10.	00000.0	-0829.4	91	9.5	02734.0	-0854.3	181	9.7	05407.4	-0807.6
6065	10.	233200.9	-0708.9	2	8.2	00015.2	-0843.7	92	9.5	02821.8	-0839.1	182	9.0	05509.0	-0848.5
6066	10.	233203.2	-0724.4	3	8.0	00035.9	-0821.0	93	8.1	02826.0	-0842.0	183	9.8	05536.8	-0817.5
6067	9.2	233242.3	-0702.2	4	10.	00100.6	-0800.4	94	9.7	02834.0	-0851.1	184	9.8	05617.4	-0811.1
6068	9.7	233312.2	-0759.6	5	8.5	00124.4	-0842.2	95	9.6	02845.5	-0824.3	185	8.9	05654.7	-0857.9
6069	9.3	233327.3	-0701.3	6	9.9	00125.0	-0825.8	96	9.2	02848.6	-0848.5	186	8.3	05719.4	-0827.2
6070	8.2	233341.5	-0716.9	7	9.9	00134.8	-0850.2	97	9.1	02907.1	-0831.5	187	9.1	05749.8	-0846.2
6071	9.8	233449.2	-0730.4	8	10.	00248.8	-0837.5	98	10.	02914.3	-0824.4	188	9.8	05815.9	-0824.8
6072	9.8	233557.0	-0729.5	9	9.5	00302.7	-0834.0	99	9.0	02925.5	-0826.4	189	10.	05823.7	-0853.0
6073	9.0	233600.8	-0733.1	10	9.1	00326.6	-0804.1	100	10.	02936.4	-0821.7	190	9.8	05826.8	-0801.9
6074	8.3	233622.4	-0704.7	11	9.7	00334.9	-0849.1	101	8.9	03002.7	-0835.5	191	9.8	05846.6	-0822.2
6075	9.3	233627.9	-0739.8	12	9.1	00338.7	-0838.1	102	9.6	03004.0	-0825.2	192	9.8	05849.5	-0843.0
6076	9.6	233632.6	-0718.9	13	8.5	00344.3	-0810.9	103	9.5	03010.4	-0839.5	193	9.8	05911.5	-0814.5
6077	9.5	233705.2	-0724.8	14	9.8	00352.6	-0858.0	104	9.4	03011.7	-0858.5	194	9.7	10036.5	-0828.1
6078	8.6	233720.4	-0744.7	15	9.3	00429.9	-0803.3	105	10.	03016.7	-0847.2	195	9.8	10049.4	-0837.2
6079	9.4	233816.3	-0735.1	16	8.5	00441.7	-0830.6	106	9.4	03029.0	-0805.8	196	9.0	10050.3	-0811.1
6080	9.2	233829.2	-0723.3	17	9.5	00525.2	-0822.4	107	9.4	03029.7	-0838.8	197	9.4	10109.8	-0805.7
6081	9.1	233848.8	-0730.7	18	7.8	00543.6	-0829.6	108	9.2	03051.9	-0813.4	198	10.	10141.8	-0858.0
6082	8.8	233859.4	-0706.5	19	9.0	00557.8	-0842.3	109	9.6	03202.8	-0803.7	199	9.3	10147.5	-0826.3
6083	9.3	233934.0	-0741.6	20	8.0	00608.6	-0824.5	110	7.9	03223.6	-0848.1	200	9.2	10151.5	-0826.8
6084	9.4	234100.1	-0754.3	21	9.5	00609.9	-0827.1	111	10.	03229.1	-0852.4	201	9.0	10157.6	-0835.5
6085	9.2	234103.4	-0735.3	22	9.8	00615.8	-0839.6	112	9.8	03234.4	-0809.1	202	9.1	10201.9	-0854.1
6086	6.3	234105.0	-0711.4	23	9.5	00624.8	-0855.1	113	8.5	03239.5	-0840.0	203	9.3	10215.3	-0853.6
6087	9.2	234126.5	-0742.8	24	8.0	00645.1	-0800.0	114	7.7	03302.1	-0826.8	204	9.4	10224.4	-0840.9
6088	9.8	234127.4	-0703.8	25	9.3	00649.5	-0800.0	115	10.	03304.7	-0828.5	205	8.8	10244.3	-0800.5
6089	9.0	234139.0	-0746.1	26	5.8	00702.6	-0835.1	116	9.4	03311.2	-0815.2	206	9.6	10247.9	-0843.5
6090	9.7	234154.3	-0723.8	27	8.9	00716.5	-0828.9	117	7.0	03325.6	-0801.3	207	8.8	10251.5	-0829.7
6091	10.	234205.0	-0738.6	28	9.3	00756.5	-0802.0	118	9.7	03414.5	-0819.2	208	9.0	10332.0	-0849.5
6092	9.8	234212.5	-0743.9	29	8.5	00818.4	-0806.8	119	8.2	03430.3	-0853.2	209	9.1	10413.5	-0849.5
6093	8.7	234303.0	-0704.3	30	9.8	00818.6	-0816.2	120	9.5	03434.1	-0803.7	210	8.1	10424.2	-0841.8
6094	9.5	234403.4	-0724.6	31	9.8	00827.5	-0823.3	121	9.1	03517.4	-0819.5	211	10.	10529.5	-0816.3
6095	8.7	234418.4	-0724.8	32	9.5	00835.1	-0837.9	122	9.5	03519.2	-0840.7	212	9.1	10537.6	-0817.9
6096	9.0	234423.8	-0724.8	33	10.	00906.7	-0810.0	123	9.5	03520.9	-0826.3	213	9.7	10611.5	-0820.8
6097	9.1	234431.0	-0710.6	34	9.5	01002.6	-0819.6	124	9.4	03602.0	-0838.2	214	7.8	10638.1	-0823.1
6098	9.5	234435.6	-0745.0	35	9.4	01007.1	-0810.0	125	10.	03621.7	-0803.4	215	8.3	10704.2	-0840.7
6099	10.	234447.3	-0714.8	36	10.	01034.7	-0839.2	126	9.0	03622.9	-0822.5	216	5.2	10706.5	-0841.6
6100	9.1	234503.4	-0725.5	37	10.	01045.0	-0833.8	127	9.5	03628.4	-0826.1	217	10.	10721.2	-0804.7
6101	8.9	234522.7	-0720.3	38	6.5	01114.8	-0851.2	128	9.1	03636.4	-0819.2	218	9.1	10731.8	-0842.5
6102	9.4	234524.6	-0746.4	39	8.8	01118.4	-0825.8	129	7.6	03653.6	-0840.9	219	9.6	10750.9	-0810.9
6103	10.	234535.3	-0755.4	40	9.5	01148.0	-0807.4	130	9.2	03703.9	-0812.9	220	9.1	10755.5	-0848.1
6104	8.3	234539.4	-0727.1	41	9.5	01202.4	-0835.1	131	10.	03705.2	-0829.5	221	9.7	10758.2	-0835.9
6105	9.5	234605.8	-0711.8	42	7.3	01212.7	-0801.2	132	9.4	03711.4	-0814.0	222	9.8	10901.6	-0819.3
6106	9.1	234611.5	-0736.0	43	9.5	01235.9	-0811.8	133	9.5	03742.3	-0840.7	223	9.7	11020.7	-0823.5
6107	9.8	234620.6	-0701.8	44	9.9	01305.4	-0844.6	134	9.0	03753.0	-0857.7	224	7.5	11025.1	-0825.7
6108	9.8	234630.4	-0757.0	45	10.	01310.4	-0842.4	135	9.1	03808.9	-0812.5	225	9.5	11116.3	-0823.6

226	9.1	11127.7	-0823.8	316	9.0	14113.4	-0859.1	406	8.5	20641.7	-0838.3	496	9.1	23027.2	-0840.7
227	8.6	11138.7	-0828.0	317	9.3	14140.7	-0806.3	407	9.5	20716.6	-0806.2	497	8.3	23111.3	-0813.5
228	9.8	11140.2	-0856.7	318	9.1	14150.0	-0809.5	408	9.8	20718.6	-0832.3	498	8.3	23127.0	-0809.5
229	8.6	11144.3	-0845.4	319	9.7	14150.3	-0802.6	409	9.1	20732.8	-0814.0	499	8.6	23212.9	-0853.0
230	9.0	11211.2	-0851.5	320	9.4	14205.7	-0824.6	410	9.1	20741.8	-0846.8	500	9.5	23220.7	-0840.5
231	9.5	11248.0	-0802.4	321	9.1	14209.0	-0808.7	411	8.3	20750.6	-0814.7	501	9.1	23247.6	-0836.2
232	9.5	11304.0	-0841.7	322	9.3	14221.6	-0800.1	412	9.5	20878.2	-0855.9	502	9.8	23249.2	-0857.0
233	8.8	11409.0	-0845.6	323	9.4	14229.6	-0815.0	413	9.4	20880.2	-0808.4	503	9.5	23315.1	-0811.7
234	9.5	11425.3	-0845.2	324	8.2	14240.6	-0801.3	414	9.1	20855.7	-0854.3	504	8.5	23315.4	-0803.3
235	9.8	11430.4	-0810.0	325	8.3	14408.4	-0847.6	415	9.0	20857.8	-0808.5	505	9.5	23349.2	-0807.4
236	9.8	11437.7	-0805.7	326	8.3	14417.2	-0827.2	416	9.5	20929.6	-0826.7	506	8.7	23355.0	-0830.0
237	9.1	11508.0	-0802.9	327	8.8	14431.4	-0849.6	417	9.0	20939.5	-0819.8	507	9.9	23358.3	-0853.4
238	9.2	11528.2	-0815.7	328	9.3	14456.4	-0834.2	418	9.5	21033.5	-0822.3	508	9.7	23401.3	-0807.0
239	9.3	11531.3	-0841.6	329	9.5	14500.5	-0858.2	419	9.0	21037.4	-0850.9	509	9.3	23452.6	-0843.4
240	9.8	11532.8	-0824.6	330	9.3	14517.9	-0855.1	420	9.0	21112.7	-0805.5	510	9.5	23509.4	-0802.8
241	9.5	11534.4	-0848.0	331	9.0	14527.7	-0822.8	421	9.2	21123.8	-0846.4	511	9.0	23527.6	-0804.0
242	9.8	11643.9	-0828.0	332	8.5	14539.3	-0832.8	422	7.5	21140.8	-0807.7	512	9.5	23553.7	-0831.9
243	6.7	11645.1	-0845.7	333	9.1	14548.3	-0826.6	423	9.4	21253.5	-0817.3	513	8.5	23612.5	-0854.3
244	3.2	11646.4	-0855.6	334	10.	14625.6	-0840.1	424	9.8	21259.6	-0827.0	514	9.5	23644.7	-0829.3
245	10.	11712.0	-0840.9	335	10.	14650.0	-0821.4	425	9.6	21308.6	-0846.3	515	6.8	23647.7	-0831.7
246	9.7	11734.4	-0802.6	336	9.4	14653.3	-0802.3	426	9.1	21314.5	-0859.2	516	8.5	23733.0	-0837.3
247	10.	11748.1	-0825.0	337	9.4	14659.8	-0848.3	427	9.5	21357.2	-0806.7	517	9.0	23739.5	-0838.7
248	9.6	11908.3	-0821.4	338	9.2	14712.6	-0835.7	428	7.3	21430.7	-0812.3	518	9.4	23751.5	-0855.4
249	9.5	11919.7	-0802.9	339	8.2	14714.1	-0805.1	429	9.2	21440.1	-0837.8	519	10.	23755.5	-0823.4
250	8.6	12012.5	-0805.7	340	9.8	14745.1	-0839.2	430	9.0	21500.3	-0808.8	520	10.	23821.6	-0850.5
251	9.3	12020.3	-0820.7	341	10.	14745.1	-0812.1	431	9.6	21507.4	-0833.5	521	10.	23848.5	-0854.9
252	9.4	12020.6	-0803.6	342	9.5	14748.0	-0843.2	432	9.4	21526.5	-0849.5	522	8.0	23925.2	-0838.2
253	9.7	12106.2	-0805.8	343	9.6	14812.7	-0812.5	433	9.4	21537.9	-0838.4	523	9.1	23948.2	-0834.3
254	9.2	12118.5	-0836.2	344	9.8	14830.8	-0820.3	434	9.2	21604.4	-0806.0	524	10.	23949.0	-0814.0
255	9.6	12220.5	-0801.2	345	9.5	14857.0	-0806.0	435	8.3	21607.8	-0826.3	525	9.2	24021.2	-0842.9
256	9.8	12231.4	-0815.1	346	7.5	15000.5	-0831.6	436	10.	21618.5	-0846.3	526	9.9	24118.9	-0843.2
257	9.8	12238.4	-0812.4	347	9.5	15001.8	-0824.2	437	10.	21619.7	-0843.6	527	10.	24138.5	-0858.5
258	8.9	12256.2	-0840.5	348	9.2	15009.9	-0849.5	438	8.9	21651.4	-0851.4	528	9.3	24147.5	-0820.9
259	9.8	12321.5	-0821.6	349	8.2	15019.2	-0814.4	439	9.1	21654.8	-0848.5	529	9.2	24153.4	-0817.6
260	7.9	12329.8	-0849.0	350	9.5	15028.5	-0832.0	440	7.9	21659.2	-0803.6	530	9.6	24155.2	-0801.5
261	9.4	12332.9	-0851.7	351	9.5	15032.5	-0850.7	441	10.	21719.7	-0814.2	531	10.	24216.9	-0813.8
262	9.4	12347.3	-0853.3	352	9.7	15056.7	-0802.6	442	9.0	21723.4	-0833.6	532	10.	24309.1	-0856.0
263	9.7	12432.9	-0813.0	353	9.8	15100.8	-0847.2	443	9.5	21759.4	-0812.3	533	9.5	24330.6	-0823.1
264	9.7	12444.8	-0804.7	354	8.2	15117.3	-0819.5	444	9.8	21808.7	-0840.6	534	8.8	24406.6	-0855.9
265	8.8	12537.0	-0854.0	355	8.8	15218.1	-0842.7	445	9.1	21815.0	-0853.5	535	9.1	24438.5	-0852.1
266	9.4	12539.2	-0845.1	356	9.5	15220.2	-0849.1	446	9.1	21842.1	-0852.2	536	7.8	24508.6	-0851.9
267	9.3	12601.4	-0814.4	357	9.5	15221.2	-0809.5	447	9.7	21851.9	-0852.9	537	9.4	24515.2	-0830.5
268	9.5	12629.1	-0839.3	358	9.3	15239.7	-0810.0	448	9.5	21855.8	-0826.0	538	9.2	24517.5	-0831.6
269	8.2	12640.1	-0818.6	359	9.5	15257.6	-0850.2	449	9.5	21916.5	-0839.0	539	9.4	24530.7	-0849.2
270	9.5	12650.4	-0838.1	360	8.8	15322.1	-0804.8	450	9.8	21921.0	-0812.6	540	9.2	24551.2	-0800.1
271	9.5	12654.6	-0855.8	361	10.	15348.1	-0828.1	451	9.7	21929.1	-0844.0	541	9.2	24557.0	-0817.2
272	9.4	12726.7	-0840.5	362	9.9	15353.6	-0833.5	452	9.4	21948.3	-0829.6	542	9.6	24627.9	-0845.6
273	8.6	12731.1	-0807.0	363	9.5	15358.8	-0828.2	453	9.2	22043.4	-0859.2	543	7.0	24628.1	-0819.9
274	8.2	12803.3	-0818.7	364	9.5	15419.1	-0851.1	454	9.6	22048.2	-0859.0	544	9.7	24705.1	-0855.8
275	10.	12809.3	-0843.4	365	9.7	15443.1	-0840.2	455	9.5	22119.7	-0818.6	545	9.7	24725.1	-0821.6
276	10.	12840.7	-0821.6	366	9.6	15446.5	-0845.9	456	9.1	22112.9	-0801.0	546	9.5	24734.4	-0836.3
277	9.2	12855.1	-0818.3	367	8.3	15510.5	-0809.5	457	9.5	22130.6	-0813.0	547	8.1	24801.3	-0835.0
278	8.3	12934.2	-0811.1	368	9.5	15551.6	-0815.8	458	9.3	22141.0	-0834.9	548	9.1	24817.6	-0855.6
279	9.8	13005.0	-0826.9	369	9.0	15552.8	-0806.5	459	9.6	22142.7	-0851.2	549	9.6	24839.5	-0851.0
280	9.7	13005.4	-0805.7	370	9.8	15554.3	-0801.6	460	9.1	22145.0	-0859.8	550	9.5	24841.6	-0819.8
281	9.0	13024.9	-0827.8	371	9.3	15555.4	-0807.0	461	9.5	22149.9	-0827.6	551	9.5	24909.7	-0805.6
282	9.5	13041.6	-0854.5	372	9.5	15641.3	-0824.8	462	10.	22152.1	-0843.2	552	8.3	24920.0	-0815.2
283	9.7	13122.7	-0847.3	373	9.9	15654.5	-0815.2	463	10.	22212.2	-0841.6	553	9.8	24943.7	-0824.0
284	9.7	13137.5	-0827.9	374	9.0	15736.9	-0834.7	464	9.5	22234.0	-0807.7	554	9.5	24951.6	-0857.9
285	9.5	13138.7	-0820.3	375	9.8	15759.2	-0847.8	465	9.0	22243.8	-0843.1	555	9.5	25027.0	-0808.1
286	9.0	13156.4	-0800.7	376	9.5	15804.2	-0818.8	466	10.	22323.6	-0824.3	556	9.3	25038.1	-0853.0
287	9.5	13210.2	-0834.1	377	9.1	15818.8	-0842.7	467	9.2	22336.6	-0813.0	557	9.1	25215.9	-0940.2
288	9.0	13216.7	-0808.0	378	10.	15842.2	-0817.0	468	7.5	22346.5	-0838.5	558	9.5	25248.7	-0840.4
289	8.5	13247.3	-0810.8	379	9.5	15915.7	-0813.5	469	8.9	22412.9	-0827.4	559	7.8	25317.9	-0842.6
290	9.4	13309.6	-0855.4	380	9.5	15917.2	-0814.4	470	9.1	22425.7	-0814.4	560	9.2	25317.6	-0816.2
291	9.6	13325.4	-0845.2	381	9.6	15936.6	-0836.4	471	9.6	22427.7	-0855.2	561	9.0	25356.2	-0856.9
292	9.5	13336.9	-0813.8	382	9.8	15954.5	-0853.8	472	9.4	22433.1	-0835.8	562	6.0	25402.1	-0814.1
293	9.5	13413.1	-0853.9	383	10.	15959.6	-0821.6	473	9.4	22443.0	-0837.6	563	9.2	25408.1	-0835.4
294	9.7	13422.5	-0841.8	384	9.5	20011.5	-0838.6	474	9.6	22501.9	-0801.3	564	8.8	25415.3	-0859.3
295	10.	13434.3	-0831.1	385	9.0	20041.6	-0833.0	475	9.0	22512.9	-0826.2	565	9.2	25427.7	-0819.5
296	10.	13436.0	-0858.4	386	9.0	20046.8	-0841.9	476	9.9	22534.0	-0801.6	566	9.4	25450.0	-0806.6
297	8.8	13517.2	-0851.6	387	9.4	20047.2	-0804.8	477	9.4	22538.8	-0821.8	567	9.1	25520.0	-0856.8
298	9.0	13537.3	-0835.8	388	9.6	20106.5	-0808.4	478	9.9	22604.3	-0857.1	568	6.0	25535.1	-0814.9
299	9.5	13554.6	-0830.7	389	10.	20142.9	-0849.2	479	9.4	22608.2	-0837.5	569	9.3	25555.0	-0857.2
300	10.	13616.1	-0851.6	390	9.4	20158.0	-0803.2	480	8.8	22649.1	-0836.3	570	9.1	25602.5	-0835.9
301	9.9	13634.2	-0848.5	391	9.0	20203.1	-0832.9	481	9.5	22649.3	-0802.6	571	9.0	25607.8	-0849.7
302	7.5	13637.9	-0812.9	392	9.5	20217.9	-0827.8	482	10.	22705.9	-0841.4	572	6.0	25709.6	-0810.0
303	9.1	13645.7	-0848.0	393	9.8	20230.8	-0849.2	483	9.7	22729.6	-0846.6	573	9.1	25727.0	-0830.1
304	9.7	13653.2	-0820.2	394	9.8	20248.1	-0810.5	484	6.0	22733.0	-0829.4	574	9.5	25728.6	-0808.9
305	9.8	13737.1	-0849.5	395	9.0	20256.4	-0822.2	485	8.7	22754.9	-0821.4	575	9.3	25740.3	-0819.0
306	9.5	13844.1	-0839.0	396	9.7	20257.5	-0844.7	486	10.	22755.9	-0848.8	576	9.8	25745.2	-0852.0
307	9.4	13846.6	-0824.1	397	9.0	20401.1	-0800.5	487	9.4	22818.3	-0823.0	577	6.9	25805.5	-0850.7
308	9.2	13902.6	-0850.5	398	9.6	20401.3	-0813.3	488	8.9	22850.0	-0830.3	578	9.5	25825.1	-0801.1
309	9.5	13910.5	-0817.7	399	9.8	20412.7	-0827.1	489	6.0	22851.5	-0827.7	579	9.1	25828.8	-0820.2
310	9.8	13951.3	-0850.5	400	9.1	20508.2	-0812.9	490	9.8	22918.3	-0855.6	580	9.4	25907.0	-0800.5
311	9.5	14008.7	-0828.7	401	9.0	20534.8	-0814.6	491	9.1	22923.0	-0826.6	581	9.8	25930.3	-0836.3
312	8.3	14017.3	-0836.3	402	9.7	20536.7	-0843.2	492	9.5	22928.3	-0857.5	582	9.1	25933.5	-0851.2
313	9.8	14042.2	-0852.1	403	9.0	20545.6	-0819.9	493	8.3	22949.4	-0858.6	583	9.3	25941.5	-0851.0
314	9.6	14106.4	-0810.3	404	9.6	20608.7	-0813.1	494	9.5	23013.6	-0834.4	584	9.4	30012.1	-0806.8
315	9.5	14109.2	-0829.7	405	8.8	20619.1	-0804.2	495	9.4	23022.0	-0829.9	585	9.8	30028.7	-0848.6

-08 586 3h00m

-08 945 4h41m

586	9.1	30029.8	-0816.7	676	9.1	32842.2	-0816.8	766	9.7	35241.7	-0836.5	856	9.5	41810.0	-0849.9
587	9.1	30040.9	-0824.0	677	9.6	32844.2	-0850.0	767	8.8	35245.9	-0834.3	857	9.4	41813.6	-0800.3
588	9.8	30117.2	-0845.7	678	9.7	32912.0	-0833.0	768	9.0	35308.0	-0859.7	858	9.5	41832.4	-0819.1
589	9.4	30125.8	-0843.8	679	9.8	32939.7	-0848.6	769	8.9	35431.4	-0801.7	859	9.5	41850.8	-0818.9
590	9.5	30126.3	-0845.9	680	9.1	32939.9	-0859.4	770	9.1	35508.8	-0842.1	860	9.5	41909.3	-0840.5
591	9.5	30211.9	-0823.2	681	9.4	33001.1	-0857.6	771	9.1	35516.9	-0823.4	861	9.0	41924.7	-0811.8
592	10.	30217.2	-0842.3	682	9.6	33032.2	-0813.2	772	9.5	35548.4	-0822.2	862	9.8	41946.1	-0852.5
593	8.8	30245.8	-0820.9	683	9.0	33039.6	-0844.0	773	9.3	35555.1	-0841.3	863	8.7	42024.8	-0843.6
594	9.5	30311.5	-0832.5	684	9.8	33042.0	-0852.9	774	8.4	35602.3	-0840.5	864	8.2	42033.2	-0831.3
595	9.1	30313.8	-0858.1	685	8.8	33046.9	-0808.6	775	9.6	35647.2	-0836.9	865	9.4	42048.3	-0857.8
596	9.8	30358.7	-0806.7	686	9.5	33047.3	-0852.9	776	9.1	35708.0	-0850.9	866	8.9	42048.8	-0841.4
597	9.8	30420.4	-0839.3	687	10.	33047.6	-0833.9	777	9.5	35715.7	-0833.7	867	10.	42131.2	-0829.1
598	9.5	30452.4	-0853.6	688	8.3	33050.6	-0807.5	778	8.4	35719.2	-0839.1	868	9.5	42225.3	-0814.4
599	8.9	30522.6	-0835.7	689	9.0	33056.4	-0858.6	779	9.8	35735.8	-0800.5	869	9.0	42309.0	-0822.4
600	8.8	30527.7	-0811.8	690	8.0	33057.8	-0821.1	780	9.5	35737.6	-0820.2	870	10.	42405.6	-0854.2
601	9.3	30551.5	-0839.8	691	9.4	33139.0	-0849.4	781	9.8	35740.0	-0841.6	871	9.2	42437.2	-0808.6
602	9.3	30553.2	-0835.9	692	7.2	33148.4	-0858.7	782	9.1	35807.9	-0858.9	872	9.2	42507.8	-0844.3
603	9.3	30620.1	-0829.9	693	9.1	33157.9	-0824.0	783	9.8	35814.7	-0831.3	873	10.	42538.1	-0827.8
604	9.1	30630.7	-0803.3	694	8.3	33225.1	-0829.2	784	9.4	35824.3	-0812.1	874	9.8	42548.8	-0821.1
605	9.9	30644.5	-0854.2	695	9.4	33235.0	-0822.1	785	8.0	35916.6	-0813.4	875	9.0	42553.1	-0827.6
606	9.5	30712.7	-0836.3	696	8.3	33237.2	-0818.3	786	9.2	35924.3	-0813.9	876	9.1	42555.9	-0814.7
607	9.8	30731.6	-0845.7	697	9.3	33237.8	-0850.2	787	8.5	35941.5	-0853.0	877	9.5	42557.0	-0819.9
608	8.5	30744.5	-0840.4	698	10.	33314.3	-0833.3	788	9.5	35947.9	-0804.0	878	9.0	42607.7	-0853.9
609	9.5	30808.0	-0823.5	699	8.0	33314.9	-0833.4	789	9.8	40017.0	-0856.6	879	8.2	42628.3	-0808.6
610	9.7	30818.8	-0806.2	700	9.1	33325.2	-0835.8	790	9.5	40024.0	-0851.0	880	9.5	42631.0	-0817.3
611	9.3	30827.8	-0840.4	701	9.8	33326.0	-0840.4	791	9.0	40049.5	-0820.1	881	9.1	42631.6	-0859.6
612	9.3	30835.4	-0854.0	702	10.	33403.6	-0807.6	792	9.0	40108.2	-0812.5	882	9.4	42635.6	-0850.1
613	9.8	30847.0	-0854.4	703	10.	33411.4	-0807.8	793	10.	40118.0	-0854.2	883	9.7	42637.4	-0817.3
614	7.5	30901.6	-0827.5	704	9.5	33432.9	-0828.5	794	10.	40129.6	-0814.6	884	7.0	42638.8	-0833.8
615	9.7	30956.1	-0802.3	705	9.2	33510.5	-0803.7	795	9.3	40130.2	-0827.7	885	8.8	42646.8	-0809.1
616	9.5	30958.5	-0826.9	706	9.0	33516.7	-0808.3	796	9.0	40134.9	-0819.6	886	9.0	42657.5	-0837.8
617	10.	30959.9	-0853.6	707	9.2	33537.5	-0859.9	797	9.0	40155.6	-0829.2	887	4.6	42713.6	-0832.0
618	9.1	31002.2	-0836.3	708	9.1	33556.4	-0833.9	798	7.2	40219.2	-0818.7	888	9.3	42713.7	-0825.0
619	8.8	31024.1	-0810.2	709	8.8	33630.6	-0831.7	799	9.5	40222.0	-0802.7	889	9.4	42739.4	-0805.7
620	9.1	31029.4	-0832.7	710	7.5	33652.9	-0820.4	800	9.4	40231.1	-0817.4	890	9.6	42739.6	-0842.6
621	9.4	31047.3	-0812.1	711	9.6	33654.0	-0840.3	801	7.2	40239.6	-0816.4	891	8.5	42808.8	-0859.4
622	9.7	31148.0	-0819.0	712	9.2	33715.3	-0813.0	802	9.5	40240.8	-0804.5	892	8.0	42822.4	-0835.6
623	9.5	31151.7	-0846.7	713	9.5	33722.1	-0851.2	803	9.3	40250.3	-0824.1	893	9.5	42823.3	-0834.9
624	9.5	31202.3	-0851.7	714	9.8	33732.6	-0833.8	804	10.	40316.3	-0859.6	894	7.7	42951.9	-0845.2
625	9.4	31207.5	-0851.7	715	9.6	33738.0	-0806.1	805	9.1	40331.3	-0813.8	895	9.8	43001.5	-0840.4
626	9.0	31229.6	-0824.8	716	9.3	33740.9	-0830.0	806	9.8	40444.1	-0816.4	896	8.6	43012.2	-0843.5
627	9.6	31233.0	-0843.0	717	9.6	33815.5	-0826.5	807	8.9	40459.0	-0831.8	897	9.1	43027.8	-0857.7
628	9.5	31235.5	-0817.4	718	7.9	33822.5	-0823.8	808	9.8	40609.0	-0858.3	898	8.5	43034.9	-0839.9
629	9.9	31242.4	-0850.7	719	10.	33823.8	-0853.0	809	9.4	40635.6	-0845.2	899	10.	43054.4	-0835.4
630	10.	31309.9	-0843.6	720	9.3	33830.7	-0805.4	810	9.4	40653.4	-0849.0	900	10.	43115.7	-0845.1
631	9.3	31320.7	-0827.5	721	9.6	33848.2	-0848.4	811	9.9	40758.8	-0849.5	901	8.5	43121.8	-0834.1
632	8.8	31347.0	-0800.4	722	9.5	33915.8	-0805.9	812	9.3	40804.1	-0812.6	902	9.6	43140.6	-0801.3
633	9.8	31353.1	-0854.3	723	8.3	33921.0	-0837.4	813	9.7	40808.5	-0855.1	903	7.7	43153.9	-0831.2
634	9.8	31353.7	-0849.4	724	10.	33932.3	-0846.9	814	9.0	40828.1	-0834.6	904	10.	43201.9	-0857.0
635	9.8	31408.2	-0827.7	725	8.4	33959.4	-0849.1	815	7.8	40844.0	-0859.7	905	9.3	43218.2	-0830.6
636	9.4	31422.5	-0851.6	726	9.3	34019.3	-0812.3	816	9.7	40854.4	-0833.7	906	9.4	43223.5	-0816.4
637	8.5	31435.0	-0801.3	727	10.	34052.0	-0833.4	817	9.9	40854.7	-0836.9	907	9.2	43237.7	-0806.5
638	9.2	31444.8	-0838.0	728	8.3	34103.3	-0829.4	818	10.	40910.7	-0826.6	908	9.5	43247.1	-0820.0
639	9.0	31500.8	-0857.4	729	9.6	34206.0	-0819.1	819	8.8	40912.5	-0830.1	909	9.8	43249.8	-0853.1
640	9.5	31502.2	-0827.0	730	8.8	34228.4	-0840.5	820	8.8	40914.1	-0833.5	910	9.2	43328.0	-0805.0
641	9.3	31542.8	-0841.0	731	9.8	34240.2	-0829.2	821	10.	40922.4	-0851.9	911	9.7	43351.4	-0800.1
642	9.7	31604.9	-0857.7	732	9.2	34244.8	-0834.6	822	9.5	40931.0	-0826.3	912	9.3	43357.3	-0806.1
643	6.5	31612.1	-0818.0	733	8.5	34250.3	-0830.5	823	10.	40959.2	-0829.4	913	9.2	43403.6	-0857.1
644	9.1	31637.4	-0810.0	734	9.4	34331.9	-0848.2	824	9.1	41036.1	-0800.3	914	8.1	43430.2	-0827.7
645	9.4	31640.8	-0833.4	735	9.8	34404.1	-0802.3	825	9.2	41048.0	-0829.6	915	9.1	43444.0	-0800.2
646	9.8	31802.8	-0829.0	736	9.1	34428.4	-0834.9	826	9.4	41106.9	-0823.8	916	9.1	43521.8	-0854.3
647	9.5	31804.2	-0819.9	737	9.0	34429.1	-0804.7	827	9.3	41208.6	-0831.0	917	9.7	43524.3	-0803.0
648	8.2	31841.8	-0843.7	738	9.5	34451.2	-0843.2	828	9.5	41214.7	-0816.6	918	9.3	43533.7	-0849.6
649	10.	31854.6	-0823.3	739	9.2	34523.5	-0839.6	829	7.3	41231.5	-0828.3	919	9.5	43551.3	-0854.6
650	9.4	31904.7	-0826.9	740	8.2	34536.6	-0855.1	830	8.8	41232.5	-0854.0	920	9.4	43558.5	-0812.2
651	10.	31919.2	-0803.3	741	9.5	34541.2	-0840.5	831	9.6	41239.3	-0846.5	921	9.3	43603.9	-0810.7
652	10.	31922.7	-0827.9	742	9.7	34556.4	-0813.6	832	9.5	41309.8	-0807.5	922	9.5	43616.3	-0800.9
653	7.8	31951.8	-0829.7	743	9.7	34616.1	-0850.3	833	10.	41330.4	-0834.3	923	9.0	43618.6	-0846.6
654	9.5	32015.1	-0801.0	744	8.5	34624.7	-0826.7	834	9.7	41342.7	-0844.6	924	9.3	43629.4	-0847.2
655	9.1	32039.4	-0856.7	745	9.5	34715.4	-0831.1	835	10.	41357.6	-0821.1	925	9.7	43640.6	-0805.2
656	9.3	32103.5	-0827.3	746	9.2	34716.5	-0812.4	836	9.4	41409.9	-0839.8	926	9.6	43642.3	-0843.3
657	9.8	32122.1	-0843.4	747	9.6	34718.9	-0854.4	837	10.	41422.6	-0807.4	927	9.1	43650.9	-0831.0
658	9.1	32208.0	-0834.9	748	9.1	34721.9	-0802.8	838	9.5	41423.0	-0805.0	928	10.	43653.3	-0803.5
659	9.4	32255.2	-0855.4	749	10.	34731.2	-0856.3	839	7.8	41435.6	-0827.3	929	5.8	43707.3	-0846.2
660	10.	32319.7	-0853.5	750	10.	34733.9	-0853.1	840	10.	41452.9	-0817.0	930	10.	43717.4	-0805.5
661	9.5	32330.2	-0819.7	751	8.2	34740.1	-0840.5	841	9.5	41514.1	-0807.6	931	9.5	43729.8	-0823.4
662	9.6	32357.2	-0854.9	752	9.4	34747.5	-0805.7	842	9.0	41522.0	-0854.5	932	9.7	43733.7	-0847.9
663	9.7	32359.4	-0800.8	753	9.8	34757.7	-0846.0	843	9.1	41541.9	-0840.9	933	9.8	43746.6	-0818.2
664	9.0	32400.2	-0836.4	754	9.8	34812.8	-0856.5	844	8.5	41546.7	-0845.6	934	9.0	43812.5	-0832.3
665	9.7	32457.3	-0825.8	755	9.8	34820.8	-0859.2	845	9.0	41606.6	-0826.8	935	9.5	43835.1	-0813.7
666	7.3	32458.8	-0819.5	756	9.2	34842.7	-0826.0	846	7.5	41618.6	-0802.4	936	9.8	43901.7	-0822.3
667	9.4	32507.3	-0836.7	757	7.6	34903.3	-0803.9	847	9.1	41654.8	-0853.6	937	9.5	43923.8	-0854.0
668	8.3	32521.2	-0857.5	758	9.5	34917.1	-0819.5	848	9.8	41659.2	-0812.0	938	9.1	43953.5	-0835.7
669	9.5	32529.4	-0804.9	759	9.7	34934.3	-0855.0	849	9.5	41659.4	-0832.3	939	9.7	44046.7	-0844.7
670	10.	32543.5	-0835.7	760	8.5	35006.1	-0853.2	850	10.	41714.4	-0803.0	940	9.4	44047.6	-0825.3
671	9.7	32546.9	-0848.6	761	9.8	35008.7	-0854.6	851	9.4	41728.8	-0841.7	941	8.9	44054.4	-0857.6
672	9.5	32633.5	-0804.9	762	8.8	35028.7	-0823.1	852	10.	41746.1	-0805.7	942	8.5	44101.5	-0832.7
673	9.8	32652.8	-0857.7	763	9.1	35044.4	-0845.2	853	9.0	41747.9	-0822.2	943	9.1	44102.0	-0822.6
674	9.5	32752.6	-0844.3	764	9.8	35154.2	-0817.8	854	9.5	41807.5	-0852.1	944	9.3	44131.0	-0800.5
675	8.8	32806.3	-0821.2	765	8.9	35212.7	-0803.3	855	9.0	41808.3	-0837.6	945	9.5	44148.1	-0811.9

946	8.8	44158.5	-0808.8	1036	9.0	50052.8	-0836.6	1126	9.0	52041.4	-0850.6	1216	9.3	54037.5	-0851.3
947	9.8	44214.3	-0825.0	1037	7.0	50124.1	-0851.1	1127	10.	52044.8	-0801.4	1217	9.5	54057.9	-0800.9
948	8.0	44229.7	-0822.5	1038	9.2	50125.8	-0951.3	1128	8.2	52046.2	-0827.0	1218	8.5	54102.2	-0822.8
949	8.7	44239.8	-0850.3	1039	9.7	50156.6	-0852.1	1129	9.8	52115.2	-0820.7	1219	7.5	54113.2	-0825.0
950	9.5	44257.5	-0837.1	1040	4.2	50212.2	-0856.4	1130	10.	52116.2	-0818.5	1220	9.5	54126.5	-0858.5
951	9.0	44303.8	-0853.5	1041	9.0	50219.9	-0843.2	1131	9.3	52127.1	-0811.3	1221	10.	54127.3	-0830.8
952	9.0	44304.5	-0848.8	1042	9.5	50235.9	-0803.5	1132	9.7	52142.9	-0848.4	1222	9.5	54137.1	-0812.0
953	10.	44318.2	-0823.6	1043	9.5	50308.1	-0814.1	1133	8.5	52144.3	-0829.6	1223	8.5	54143.5	-0858.4
954	9.4	44320.0	-0843.1	1044	9.0	50309.9	-0839.6	1134	9.0	52157.2	-0819.8	1224	9.5	54206.1	-0814.2
955	9.5	44328.0	-0843.4	1045	9.2	50334.7	-0819.1	1135	9.5	52158.4	-0849.3	1225	8.9	54207.2	-0827.1
956	8.5	44400.9	-0826.1	1046	9.8	50351.4	-0840.1	1136	9.3	52209.3	-0836.3	1226	9.5	54215.5	-0804.9
957	9.1	44403.8	-0805.4	1047	9.5	50356.8	-0828.5	1137	9.5	52215.2	-0825.1	1227	9.5	54303.4	-0849.9
958	9.5	44433.8	-0840.6	1048	9.5	50405.6	-0811.9	1138	10.	52231.3	-0852.2	1228	9.5	54304.3	-0833.8
959	10.	44443.2	-0821.7	1049	9.5	50410.8	-0837.4	1139	10.	52239.5	-0852.2	1229	9.4	54341.0	-0900.8
960	7.3	44443.4	-0839.0	1050	9.0	50416.6	-0844.3	1140	10.	52245.4	-0848.2	1230	9.8	54344.7	-0816.8
961	8.6	44450.3	-0805.6	1051	9.0	50422.1	-0848.5	1141	9.5	52310.5	-0855.3	1231	9.4	54353.0	-0820.9
962	9.0	44513.0	-0804.3	1052	9.5	50455.9	-0841.4	1142	9.0	52315.4	-0844.6	1232	9.0	54357.5	-0853.0
963	8.0	44521.0	-0808.2	1053	9.1	50457.6	-0801.1	1143	10.	52341.3	-0829.4	1233	9.5	54401.9	-0802.2
964	8.6	44523.1	-0855.6	1054	9.5	50512.7	-0803.7	1144	9.5	52343.4	-0847.3	1234	9.3	54417.1	-0811.9
965	9.1	44548.4	-0855.4	1055	9.3	50512.9	-0846.8	1145	10.	52348.2	-0818.3	1235	9.5	54420.0	-0854.3
966	8.8	44549.7	-0853.9	1056	9.0	50532.9	-0848.5	1146	9.3	52349.5	-0804.8	1236	9.5	54458.1	-0807.8
967	9.5	44554.3	-0823.3	1057	8.0	50559.6	-0814.1	1147	10.	52357.1	-0811.6	1237	9.3	54500.4	-0842.2
968	9.5	44555.4	-0839.1	1058	10.	50616.8	-0843.1	1148	10.	52358.4	-0840.6	1238	9.5	54501.2	-0817.2
969	9.6	44601.2	-0848.5	1059	7.0	50634.7	-0819.0	1149	10.	52415.6	-0834.1	1239	9.5	54529.5	-0802.4
970	9.0	44618.1	-0810.4	1060	9.3	50653.9	-0840.0	1150	10.	52416.3	-0813.8	1240	8.8	54539.0	-0801.5
971	9.2	44659.6	-0834.7	1061	9.0	50705.2	-0805.8	1151	9.0	52428.6	-0829.0	1241	8.9	54547.2	-0822.0
972	9.8	44705.4	-0818.9	1062	9.5	50714.9	-0845.8	1152	9.2	52434.1	-0821.9	1242	9.3	54622.8	-0821.3
973	9.5	44749.6	-0848.1	1063	1.0	50733.7	-0822.1	1153	9.4	52440.9	-0800.5	1243	8.5	54626.1	-0808.7
974	9.7	44755.6	-0849.0	1064	9.6	50742.2	-0809.1	1154	10.	525 0.9	-0809.8	1244	9.8	54626.4	-0827.4
975	9.5	44821.2	-0808.4	1065	9.0	50749.9	-0847.1	1155	9.4	525 .2	-0844.2	1245	9.8	54630.3	-0822.2
976	9.5	44823.3	-0848.2	1066	9.5	50750.9	-0842.7	1156	9.4	52517.7	-0842.9	1246	9.5	54640.7	-0803.4
977	9.4	44839.5	-0828.1	1067	9.3	50807.0	-0808.6	1157	9.5	52539.7	-0845.4	1247	9.7	54649.2	-0801.8
978	8.2	44847.0	-0808.0	1068	9.3	50845.1	-0852.4	1158	9.5	52543.2	-0827.7	1248	9.5	54659.2	-0819.5
979	9.7	44849.9	-0849.4	1069	9.5	50846.8	-0818.9	1159	9.8	52559.8	-0842.8	1249	10.	54723.1	-0835.1
980	9.3	44933.4	-0804.7	1070	9.5	50903.7	-0811.7	1160	9.5	52559.2	-0813.8	1250	7.0	54732.2	-0827.1
981	10.	44955.4	-0844.0	1071	9.3	50914.0	-0842.1	1161	9.3	52600.3	-0821.2	1251	10.	54824.1	-0814.4
982	9.8	44955.5	-0855.9	1072	9.0	50929.9	-0831.4	1162	10.	52617.2	-0819.1	1252	9.5	54830.1	-0807.3
983	9.8	44959.2	-0815.4	1073	8.8	50942.0	-0838.1	1163	9.5	52619.1	-0810.4	1253	9.0	54838.4	-0850.2
984	7.1	45001.5	-0841.0	1074	9.3	50945.1	-0851.9	1164	9.5	52647.4	-0841.9	1254	9.0	54840.5	-0858.7
985	9.0	45005.8	-0856.9	1075	9.5	51001.9	-0828.3	1165	9.2	52650.1	-0811.6	1255	10.	54845.1	-0808.2
986	9.8	45031.8	-0822.2	1076	9.3	51011.2	-0811.3	1166	9.7	52719.3	-0833.9	1256	9.0	54853.0	-0845.7
987	9.4	45032.1	-0850.4	1077	9.2	51014.1	-0803.2	1167	8.5	52732.2	-0819.1	1257	9.5	54857.1	-0810.9
988	9.8	45049.2	-0808.7	1078	8.4	51047.8	-0848.7	1168	8.7	52759.4	-0805.2	1258	9.1	54903.7	-0838.1
989	8.8	45101.2	-0817.0	1079	8.0	51103.0	-0822.9	1169	10.	52815.1	-0811.1	1259	9.5	54903.9	-0843.6
990	9.8	45116.8	-0820.5	1080	10.	51127.7	-0851.2	1170	9.0	52821.2	-0820.3	1260	9.8	54908.5	-0845.6
991	9.5	45122.0	-0854.6	1081	9.3	51129.9	-0802.6	1171	8.0	52830.4	-0844.6	1261	10.	54915.4	-0838.5
992	10.	45123.6	-0835.0	1082	9.6	51136.4	-0843.5	1172	10.	52842.	-0811.0	1262	10.	54925.1	-0814.4
993	9.1	45133.1	-0809.6	1083	9.3	51154.3	-0849.5	1173	10.	52908.1	-0856.2	1263	9.3	54926.8	-0835.8
994	8.8	45137.0	-0808.2	1084	9.5	51204.1	-0812.1	1174	9.6	52953.6	-0804.3	1264	10.	54931.0	-0805.0
995	9.4	45151.0	-0857.3	1085	9.1	51207.5	-0848.4	1175	9.5	53000.5	-0854.2	1265	7.3	54957.7	-0824.2
996	9.8	45156.4	-0848.0	1086	9.5	51216.2	-0818.8	1176	9.5	53014.1	-0813.2	1266	9.0	55000.4	-0846.2
997	9.6	45214.5	-0825.5	1087	9.1	51230.2	-0808.2	1177	8.8	53016.3	-0836.0	1267	9.0	55017.2	-0826.9
998	8.0	45218.1	-0800.2	1088	9.2	51241.0	-0812.5	1178	8.7	53016.8	-0838.2	1268	10.	55049.3	-0833.1
999	9.2	45224.1	-0858.7	1089	9.3	51244.1	-0805.7	1179	10.	53028.3	-0832.9	1269	10.	55049.8	-0838.0
1000	8.6	45254.4	-0802.4	1090	10.	51252.6	-0805.5	1180	8.0	53030.2	-0828.1	1270	9.4	55118.3	-0832.2
1001	9.0	45301.8	-0818.9	1091	9.5	51258.2	-0831.8	1181	10.	53053.2	-0829.8	1271	9.5	55124.4	-0843.8
1002	9.5	45317.0	-0806.5	1092	8.0	51325.1	-0810.4	1182	9.5	53105.3	-0831.1	1272	9.5	55140.4	-0850.1
1003	8.6	45320.9	-0813.7	1093	9.0	51325.8	-0810.3	1183	7.0	53143.3	-0820.8	1273	10.	55144.2	-0821.5
1004	8.6	45323.0	-0851.9	1094	9.7	51343.3	-0840.2	1184	9.3	53146.5	-0853.8	1274	9.5	55154.4	-0841.1
1005	8.5	45328.5	-0830.3	1095	10.	51357.2	-0825.4	1185	9.0	53205.5	-0853.4	1275	8.0	55203.5	-0854.4
1006	9.8	45410.7	-0805.5	1096	9.0	51411.2	-0826.7	1186	9.5	53210.3	-0829.2	1276	8.7	55240.4	-0803.6
1007	8.5	45421.8	-0856.3	1097	9.5	51457.2	-0828.1	1187	9.0	53213.5	-0853.4	1277	9.5	55300.2	-0816.9
1008	9.1	45426.9	-0800.5	1098	9.8	51511.2	-0802.2	1188	9.4	53225.8	-0809.6	1278	7.0	55304.0	-0807.1
1009	10.	45453.8	-0814.2	1099	7.0	51522.4	-0848.1	1189	9.8	53228.9	-0816.2	1279	9.5	55314.1	-0810.2
1010	9.6	45544.7	-0839.0	1100	9.0	51523.2	-0824.0	1190	9.5	53231.6	-0813.5	1280	9.3	55343.3	-0826.5
1011	8.0	45551.3	-0824.9	1101	9.2	51543.0	-0800.7	1191	10.	53249.9	-0829.1	1281	9.2	55350.5	-0857.1
1012	9.4	45604.8	-0834.9	1102	9.1	51554.1	-0802.0	1192	9.5	53303.3	-0826.7	1282	9.5	55351.4	-0844.6
1013	7.0	45605.5	-0852.2	1103	8.8	51555.0	-0814.1	1193	10.	53326.4	-0850.5	1283	9.5	55405.1	-0813.3
1014	8.8	45608.6	-0807.5	1104	9.3	51556.4	-0844.9	1194	10.	53337.5	-0854.3	1284	9.5	55413.1	-0809.7
1015	9.5	45622.3	-0807.5	1105	8.4	51606.3	-0814.8	1195	10.	53352.2	-0821.2	1285	10.	55430.5	-0823.5
1016	9.5	45627.4	-0822.1	1106	10.	51618.2	-0841.2	1196	9.0	53357.4	-0840.0	1286	9.5	55450.4	-0845.8
1017	9.6	45705.8	-0838.9	1107	6.7	51621.3	-0833.4	1197	7.5	53403.1	-0807.3	1287	9.5	55507.0	-0802.2
1018	9.3	45715.9	-0819.2	1108	9.5	51635.5	-0837.9	1198	9.1	53507.4	-0802.1	1288	9.3	55513.3	-0838.7
1019	8.5	45724.6	-0826.1	1109	8.5	51645.2	-0825.3	1199	8.7	53522.1	-0817.7	1289	9.3	55515.9	-0847.2
1020	9.1	45729.2	-0813.0	1110	9.0	51647.2	-0824.0	1200	9.8	53547.0	-0809.7	1290	9.0	55521.0	-0835.1
1021	9.0	45748.2	-0834.0	1111	9.3	51651.2	-0820.0	1201	9.8	53558.2	-0807.3	1291	9.3	55527.4	-0844.9
1022	8.8	45753.2	-0830.0	1112	10.	51713.4	-0843.2	1202	9.2	53616.9	-0811.3	1292	9.5	55537.0	-0801.3
1023	8.4	45803.3	-0845.6	1113	9.5	51721.2	-0800.3	1203	9.0	53619.3	-0827.1	1293	9.5	55539.3	-0833.3
1024	9.8	45806.2	-0842.5	1114	9.4	51727.4	-0847.6	1204	9.5	53646.4	-0848.3	1294	9.5	55544.3	-0835.1
1025	9.0	45810.7	-0829.7	1115	9.2	51740.4	-0850.7	1205	9.7	53646.6	-0825.8	1295	9.4	55551.5	-0800.6
1026	9.5	45818.7	-0812.2	1116	10.	51801.2	-0822.6	1206	9.5	53714.3	-0836.5	1296	9.5	55604.2	-0818.6
1027	9.3	45820.6	-0808.9	1117	9.0	51808.4	-0851.2	1207	9.5	53728.4	-0842.9	1297	9.5	55640.5	-0855.6
1028	9.8	45843.8	-0834.9	1118	9.2	51824.2	-0827.5	1208	9.5	53730.4	-0847.4	1298	9.5	55642.4	-0850.7
1029	9.1	45849.2	-0842.7	1119	9.3	51905.4	-0840.5	1209	9.5	53829.3	-0839.3	1299	10.	55647.0	-0804.3
1030	10.	45857.6	-0826.3	1120	9.8	51907.1	-0833.1	1210	9.5	53853.4	-0842.7	1300	9.5	55653.1	-0815.5
1031	10.	45859.5	-0822.7	1121	9.2	51917.1	-0811.9	1211	10.	53907.3	-0829.1	1301	9.5	55704.2	-0819.5
1032	10.	45918.4	-0817.8	1122	9.5	51943.0	-0853.3	1212	9.0	53920.2	-0826.1	1302	9.5	55709.1	-0812.4
1033	9.0	45959.9	-0844.6	1123	9.4	52005.4	-0846.1	1213	8.5	53942.4	-0856.5	1303	8.5	55715.4	-0843.2
1034	9.4	50024.6	-0812.0	1124	9.5	52012.3	-0830.5	1214	9.5	54002.2	-0814.1	1304	10.	55732.1	-0813.3
1035	7.5	50030.0	-0850.4	1125	9.0	52029.2	-0827.8	1215	9.0	54028.4	-0845.9	1305	9.5	55740.5	-0852.6

-08 1306 5h57m

-08 1665 6h53m

1306	10.	55742.3	-0835.2	1396	8.9	61358.4	-0805.1	1486	8.0	62847.2	-0852.6	1576	9.4	64312.8	-0820.3
1307	9.5	55745.4	-0849.9	1397	9.3	61405.4	-0824.4	1487	9.0	62849.4	-0826.1	1577	9.0	64324.0	-0829.9
1308	9.3	55750.2	-0802.5	1398	9.6	61422.9	-0818.0	1488	9.8	62910.9	-0822.8	1578	9.3	64327.8	-0803.6
1309	9.5	55809.2	-0816.7	1399	9.5	61426.5	-0858.9	1489	8.8	62924.6	-0842.8	1579	9.5	64339.4	-0827.5
1310	8.5	55812.0	-0800.4	1400	9.5	61439.8	-0851.5	1490	9.1	62930.7	-0814.1	1580	8.8	64343.4	-0844.9
1311	9.3	55815.1	-0810.4	1401	7.3	61444.3	-0810.1	1491	9.3	62947.4	-0827.3	1581	9.1	64346.4	-0843.8
1312	9.0	55824.5	-0856.9	1402	9.1	61445.7	-0857.9	1492	9.5	62952.5	-0858.7	1582	9.1	64349.0	-0855.6
1313	9.3	55827.2	-0817.2	1403	9.5	61449.2	-0844.7	1493	9.3	62952.5	-0817.8	1583	9.1	64405.9	-0850.6
1314	9.7	55843.0	-0801.6	1404	8.0	61501.8	-0809.9	1494	9.8	63011.4	-0829.3	1584	9.8	64422.5	-0834.6
1315	9.5	55859.4	-0848.9	1405	9.0	61514.0	-0859.2	1495	9.4	63027.8	-0814.0	1585	9.0	64434.7	-0805.8
1316	9.8	55917.1	-0811.0	1406	9.4	61534.5	-0842.5	1496	7.0	63034.1	-0807.5	1586	9.2	64436.0	-0843.2
1317	9.0	55918.5	-0852.5	1407	9.5	61545.8	-0834.9	1497	9.5	63037.4	-0807.5	1587	9.4	64438.0	-0817.8
1318	9.5	55921.4	-0845.4	1408	9.5	61545.5	-0844.9	1498	8.5	63038.9	-0823.3	1588	9.6	64438.0	-0804.2
1319	8.5	55923.2	-0820.8	1409	9.7	61546.4	-0803.8	1499	7.5	63055.2	-0840.1	1589	10.	64500.2	-0831.8
1320	9.5	55928.2	-0817.2	1410	9.7	61547.1	-0853.7	1500	9.5	63056.7	-0813.0	1590	9.3	64507.3	-0808.2
1321	9.5	55934.5	-0831.9	1411	9.6	61552.4	-0804.8	1501	9.7	63120.4	-0805.5	1591	9.4	64509.3	-0826.7
1322	9.4	55947.4	-0841.3	1412	9.2	61607.3	-0815.5	1502	9.1	63122.0	-0802.3	1592	9.4	64519.1	-0857.5
1323	9.0	60005.1	-0814.5	1413	9.6	61623.0	-0800.0	1503	9.9	63133.0	-0805.4	1593	9.3	64539.0	-0854.1
1324	8.5	60046.3	-0838.2	1414	9.8	61637.2	-0806.0	1504	9.5	63133.5	-0834.4	1594	9.2	64549.0	-0855.3
1325	9.5	60052.3	-0835.4	1415	9.0	61700.8	-0808.5	1505	9.5	63140.1	-0808.3	1595	10.	64549.8	-0837.7
1326	9.5	60054.2	-0827.4	1416	8.3	61704.5	-0859.8	1506	9.0	63154.5	-0838.8	1596	9.8	64551.4	-0845.4
1327	9.5	60059.2	-0820.3	1417	9.8	61712.6	-0832.7	1507	9.1	63155.7	-0855.0	1597	9.7	64618.9	-0846.0
1328	9.5	60139.7	-0820.2	1418	9.2	61715.9	-0847.2	1508	10.	63214.4	-0856.7	1598	9.8	64624.0	-0838.4
1329	9.3	60140.3	-0830.0	1419	9.3	61720.5	-0845.6	1509	9.1	63243.8	-0835.4	1599	9.5	64630.7	-0845.0
1330	9.7	60200.2	-0817.9	1420	9.4	61720.8	-0840.5	1510	8.7	63308.3	-0822.0	1600	9.5	64635.7	-0808.1
1331	9.0	60204.2	-0822.8	1421	9.2	61736.1	-0803.4	1511	9.0	63316.1	-0814.0	1601	9.3	64646.1	-0801.6
1332	8.0	60209.2	-0817.0	1422	9.4	61749.4	-0853.2	1512	9.1	63325.9	-0854.7	1602	9.5	64649.0	-0834.6
1333	9.5	60215.5	-0800.6	1423	9.7	61805.1	-0828.2	1513	9.2	63328.4	-0853.8	1603	9.8	64657.8	-0845.6
1334	10.	60241.4	-0849.2	1424	8.5	61814.3	-0838.7	1514	8.7	63333.4	-0850.3	1604	8.3	64708.5	-0836.2
1335	8.5	60313.3	-0831.0	1425	9.4	61818.9	-0851.9	1515	8.8	63336.6	-0848.8	1605	9.5	64715.7	-0819.9
1336	10.	60320.4	-0846.2	1426	9.4	61837.6	-0844.1	1516	9.2	63342.3	-0850.5	1606	9.7	64722.1	-0851.5
1337	9.5	60323.5	-0852.0	1427	9.4	61847.2	-0843.6	1517	9.1	63346.4	-0853.0	1607	10.	64724.1	-0831.0
1338	8.8	60328.5	-0857.4	1428	9.1	61851.8	-0843.0	1518	8.5	63351.2	-0839.9	1608	10.	64724.3	-0856.2
1339	10.	60335.5	-0825.3	1429	9.5	61852.0	-0857.0	1519	9.8	63404.2	-0857.1	1609	9.7	64726.2	-0833.9
1340	10.	60339.5	-0855.0	1430	8.3	61854.5	-0820.0	1520	10.	63409.3	-0843.7	1610	8.8	64727.4	-0848.3
1341	9.8	60425.0	-0801.6	1431	9.4	61900.5	-0857.6	1521	9.3	63442.4	-0823.7	1611	9.8	64731.3	-0800.2
1342	9.0	60515.7	-0846.4	1432	9.3	61922.6	-0835.7	1522	9.4	63451.4	-0828.4	1612	9.3	64741.5	-0849.7
1343	9.5	60526.1	-0804.2	1433	9.7	61929.1	-0835.5	1523	9.3	63455.5	-0857.6	1613	9.5	64742.3	-0837.1
1344	9.5	60535.4	-0823.6	1434	8.8	61931.5	-0840.8	1524	9.4	63456.7	-0854.7	1614	9.6	64801.6	-0847.9
1345	9.0	60544.2	-0851.1	1435	9.5	61936.9	-0847.2	1525	9.3	63502.0	-0829.7	1615	9.2	64803.3	-0841.4
1346	6.7	60559.6	-0841.6	1436	9.4	61945.5	-0825.2	1526	9.2	63518.8	-0825.3	1616	9.3	64804.4	-0825.3
1347	10.	60602.3	-0812.3	1437	9.6	61951.4	-0822.0	1527	9.5	63524.9	-0838.5	1617	8.2	64809.4	-0818.7
1348	9.8	60604.3	-0813.2	1438	9.0	62025.3	-0851.0	1528	9.3	63535.6	-0826.0	1618	9.4	64812.1	-0810.6
1349	9.5	60611.4	-0818.6	1439	8.5	62038.3	-0809.6	1529	9.1	63539.3	-0830.5	1619	9.3	64819.6	-0834.5
1350	10.	60615.5	-0844.0	1440	9.8	62123.7	-0812.1	1530	9.5	63600.1	-0841.8	1620	8.5	64822.6	-0828.0
1351	9.5	60622.4	-0825.6	1441	7.8	62139.0	-0822.6	1531	9.4	63605.9	-0822.2	1621	9.4	64826.1	-0837.7
1352	9.3	60633.2	-0838.8	1442	8.8	62149.9	-0857.7	1532	9.5	63609.9	-0821.0	1622	9.5	64827.6	-0842.3
1353	9.5	60642.4	-0855.4	1443	8.3	62152.4	-0823.1	1533	9.5	63614.0	-0816.2	1623	9.3	64832.5	-0809.9
1354	10.	60644.6	-0825.4	1444	10.	62159.5	-0835.7	1534	9.6	63641.9	-0819.8	1624	9.5	64832.7	-0820.2
1355	8.8	60645.1	-0837.6	1445	9.3	62202.9	-0854.1	1535	9.1	63654.9	-0827.7	1625	8.1	64833.6	-0814.1
1356	9.8	60702.0	-0830.7	1446	9.9	62213.1	-0803.7	1536	8.9	63654.9	-0854.7	1626	8.8	64843.1	-0846.4
1357	9.3	60718.6	-0848.7	1447	9.5	62213.6	-0847.7	1537	9.8	63705.4	-0841.0	1627	9.1	64905.2	-0810.7
1358	9.0	60726.0	-0858.5	1448	8.6	62217.3	-0800.7	1538	9.0	63705.8	-0816.7	1628	8.8	64909.7	-0821.4
1359	9.7	60726.3	-0832.0	1449	9.8	62228.7	-0846.3	1539	9.0	63718.3	-0816.9	1629	8.8	64913.7	-0824.8
1360	9.4	60743.8	-0818.2	1450	10.	62230.5	-0805.2	1540	9.3	63741.9	-0852.0	1630	10.	64920.0	-0855.6
1361	7.5	60759.2	-0845.7	1451	9.4	62231.1	-0833.2	1541	9.5	63747.0	-0831.9	1631	9.6	64921.1	-0833.3
1362	9.1	60801.8	-0847.0	1452	9.8	62245.4	-0824.2	1542	9.8	63759.8	-0821.9	1632	7.0	64937.6	-0808.7
1363	10.	60807.5	-0820.0	1453	9.5	62247.0	-0825.5	1543	9.7	63841.1	-0802.3	1633	8.6	64945.0	-0836.6
1364	7.8	60808.6	-0835.1	1454	8.7	62301.7	-0812.4	1544	9.7	63848.5	-0803.1	1634	9.5	64946.4	-0823.5
1365	9.4	60815.0	-0841.0	1455	9.5	62333.7	-0802.2	1545	9.5	63852.2	-0853.2	1635	8.8	64948.9	-0849.9
1366	9.4	60817.9	-0854.5	1456	9.5	62336.2	-0822.9	1546	9.5	63904.0	-0830.1	1636	9.2	64950.0	-0852.0
1367	9.3	60823.1	-0833.3	1457	9.2	62343.8	-0805.8	1547	9.3	63926.6	-0839.0	1637	9.4	64953.2	-0854.7
1368	6.3	60831.0	-0859.4	1458	9.8	62349.1	-0802.1	1548	9.4	63932.1	-0838.4	1638	9.8	65011.1	-0809.5
1369	9.5	60840.2	-0839.9	1459	9.5	62409.5	-0844.7	1549	7.5	63936.1	-0846.1	1639	8.3	65011.8	-0821.3
1370	9.4	60849.3	-0822.6	1460	9.8	62440.5	-0809.1	1550	9.3	63939.0	-0858.2	1640	9.6	65015.9	-0849.6
1371	9.1	60914.7	-0847.2	1461	9.8	62445.1	-0834.6	1551	8.5	64002.0	-0816.0	1641	8.0	65016.0	-0852.7
1372	9.8	60944.0	-0812.2	1462	9.5	62452.4	-0803.3	1552	9.8	64002.1	-0803.0	1642	9.5	65016.3	-0834.9
1373	9.5	60947.4	-0826.7	1463	9.6	62454.8	-0800.2	1553	9.0	64009.9	-0851.5	1643	9.8	65021.5	-0853.1
1374	9.8	60950.3	-0817.0	1464	9.1	62455.2	-0820.5	1554	9.8	64020.3	-0815.6	1644	9.0	65025.6	-0814.5
1375	9.8	61006.9	-0858.6	1465	9.1	62503.8	-0815.1	1555	9.6	64020.7	-0808.7	1645	9.2	65041.9	-0810.8
1376	9.6	61018.2	-0850.4	1466	9.5	62514.4	-0805.1	1556	9.2	64024.9	-0826.1	1646	9.5	65043.2	-0811.1
1377	9.5	61027.3	-0803.4	1467	8.5	62552.5	-0846.4	1557	8.7	64039.3	-0823.0	1647	9.3	65045.3	-0842.0
1378	9.5	61036.5	-0858.2	1468	8.5	62555.9	-0803.4	1558	5.1	64041.5	-0850.2	1648	9.5	65109.1	-0817.0
1379	9.3	61045.1	-0809.1	1469	7.	62603.2	-0851.9	1559	9.8	64045.9	-0854.7	1649	9.0	65109.8	-0839.3
1380	9.8	61055.2	-0822.1	1470	9.5	62605.3	-0820.9	1560	10.	64117.8	-0810.4	1650	7.7	65111.0	-0850.0
1381	9.5	61057.8	-0810.1	1471	8.9	62613.2	-0849.4	1561	9.0	64122.7	-0832.2	1651	8.8	65130.0	-0806.3
1382	9.5	61138.4	-0856.0	1472	9.5	62615.5	-0834.6	1562	9.0	64135.4	-0823.8	1652	9.2	65138.6	-0858.0
1383	9.8	61141.0	-0821.6	1473	9.4	62616.5	-0849.0	1563	9.9	64137.2	-0851.8	1653	9.5	65145.3	-0844.1
1384	9.8	61144.7	-0822.1	1474	9.4	62627.8	-0824.0	1564	10.	64139.5	-0848.2	1654	9.4	65202.1	-0813.1
1385	8.7	61148.3	-0850.7	1475	9.0	62638.0	-0804.2	1565	8.6	64150.1	-0858.5	1655	9.7	65210.0	-0826.8
1386	6.8	61212.8	-0837.2	1476	9.8	62638.0	-0831.8	1566	9.1	64150.1	-0802.5	1656	9.7	65211.6	-0840.6
1387	9.0	61219.6	-0835.7	1477	9.5	62705.6	-0839.0	1567	8.5	64152.0	-0809.2	1657	8.6	65235.1	-0801.2
1388	9.3	61220.4	-0814.3	1478	9.4	62711.3	-0823.4	1568	9.2	64216.1	-0838.7	1658	8.3	65239.2	-0811.4
1389	9.7	61228.9	-0817.9	1479	9.5	62734.6	-0840.9	1569	9.4	64227.2	-0829.7	1659	9.0	65307.6	-0836.4
1390	8.3	61246.2	-0813.3	1480	8.8	62744.0	-0830.4	1570	9.3	64228.0	-0830.8	1660	9.0	65309.1	-0828.8
1391	9.0	61256.2	-0800.1	1481	9.0	62801.4	-0815.2	1571	10.	64234.9	-0851.0	1661	9.9	65318.9	-0843.2
1392	8.2	61313.0	-0846.6	1482	8.7	62803.8	-0845.8	1572	8.7	64236.3	-0857.2	1662	6.1	65325.6	-0812.1
1393	9.8	61321.9	-0820.4	1483	9.6	62832.6	-0800.6	1573	9.8	64251.1	-0859.0	1663	9.3	65330.0	-0859.1
1394	10.	61334.8	-0849.7	1484	9.1	62841.9	-0822.3	1574	9.0	64258.8	-0840.1	1664	8.8	65332.5	-0840.0
1395	9.5	61344.2	-0807.0	1485	9.2	62847.0	-0816.5	1575	9.8	64302.3	-0817.0	1665	10.	65336.3	-0838.4

1666	9.3	65338.9	-0839.9	1756	9.7	70109.0	-0804.9	1846	9.4	71312.5	-0824.7	1936	9.5	72233.8	-0810.9
1667	6.8	65344.1	-0859.7	1757	9.5	70126.6	-0807.1	1847	9.1	71317.5	-0809.8	1937	8.0	72239.0	-0857.8
1668	9.3	65355.4	-0823.2	1758	8.5	70128.3	-0852.9	1848	9.1	71318.2	-0824.1	1938	9.0	72240.4	-0837.5
1669	9.1	65408.6	-0817.4	1759	9.0	70148.7	-0808.3	1849	7.3	71321.0	-0816.8	1939	9.7	72244.1	-0804.3
1670	8.7	65410.0	-0805.2	1760	10.	70149.3	-0814.6	1850	8.5	71326.2	-0804.7	1940	10.	72248.0	-0846.9
1671	9.4	65413.0	-0805.3	1761	8.3	70152.2	-0827.1	1851	9.8	71329.4	-0809.8	1941	9.3	72248.3	-0849.0
1672	8.1	65418.6	-0800.3	1762	7.2	70221.8	-0802.9	1852	10.	71332.8	-0801.3	1942	9.9	72302.4	-0803.2
1673	10.	65420.2	-0839.5	1763	8.8	70222.2	-0858.0	1853	9.2	71340.8	-0845.0	1943	9.8	72303.2	-0806.7
1674	9.0	65421.5	-0854.1	1764	8.5	70223.5	-0805.4	1854	9.2	71342.3	-0842.6	1944	8.0	72305.9	-0813.8
1675	9.3	65425.6	-0839.7	1765	10.	70228.4	-0841.9	1855	9.0	71343.1	-0822.6	1945	9.0	72315.1	-0845.4
1676	9.6	65450.0	-0846.3	1766	9.4	70230.5	-0855.4	1856	8.2	71344.9	-0809.8	1946	9.4	72324.9	-0813.5
1677	9.4	65450.6	-0840.3	1767	10.	70241.5	-0848.3	1857	9.7	71400.5	-0841.8	1947	9.8	72330.8	-0833.9
1678	9.5	65452.2	-0810.4	1768	8.9	70253.3	-0856.6	1858	8.2	71405.0	-0852.1	1948	7.9	72339.1	-0845.6
1679	9.7	65454.3	-0801.8	1769	8.7	70254.4	-0805.8	1859	9.7	71405.9	-0803.3	1949	9.5	72344.7	-0804.2
1680	9.7	65458.5	-0805.2	1770	9.5	70259.6	-0854.3	1860	9.2	71412.0	-0837.2	1950	8.9	72346.6	-0844.8
1681	9.2	65459.8	-0806.3	1771	9.8	70302.4	-0822.9	1861	9.8	71417.7	-0859.4	1951	9.8	72403.9	-0814.6
1682	9.5	65512.3	-0807.7	1772	9.8	70313.3	-0852.8	1862	6.5	71419.4	-0836.1	1952	9.4	72404.8	-0829.9
1683	9.9	65512.7	-0800.7	1773	9.5	70315.7	-0829.6	1863	9.8	71422.9	-0854.4	1953	9.6	72405.9	-0823.1
1684	9.7	65514.2	-0808.9	1774	9.5	70317.2	-0839.7	1864	9.5	71424.5	-0824.2	1954	9.2	72423.6	-0846.7
1685	9.7	65521.1	-0859.2	1775	9.4	70317.6	-0813.2	1865	9.4	71426.1	-0835.6	1955	7.8	72425.3	-0826.0
1686	9.8	65521.1	-0817.3	1776	9.4	70333.6	-0852.1	1866	9.7	71440.4	-0807.9	1956	9.4	72426.4	-0851.2
1687	10.	65522.4	-0808.0	1777	9.8	70340.4	-0811.8	1867	9.1	71442.7	-0847.4	1957	9.0	72437.3	-0839.2
1688	10.	65523.3	-0810.0	1778	9.6	70340.5	-0841.5	1868	9.6	71443.4	-0845.5	1958	9.5	72446.9	-0815.3
1689	9.5	65533.4	-0820.0	1779	7.4	70417.6	-0853.4	1869	9.6	71455.2	-0841.6	1959	9.0	72448.7	-0824.2
1690	9.5	65533.8	-0845.9	1780	9.4	70428.4	-0848.6	1870	9.7	71459.6	-0857.1	1960	9.4	72455.6	-0800.3
1691	9.6	65533.9	-0810.6	1781	9.6	70431.0	-0858.6	1871	9.5	71502.0	-0808.1	1961	9.0	72459.1	-0822.9
1692	9.3	65534.1	-0801.9	1782	9.7	70444.1	-0858.6	1872	6.6	71505.5	-0842.5	1962	9.0	72500.3	-0800.5
1693	9.0	65538.4	-0821.8	1783	9.5	70453.2	-0827.2	1873	9.7	71513.5	-0854.4	1963	9.4	72502.1	-0836.8
1694	9.5	65538.6	-0857.9	1784	9.8	70453.4	-0807.0	1874	9.0	71530.3	-0845.9	1964	6.0	72508.4	-0833.8
1695	9.3	65541.0	-0809.8	1785	9.1	70501.1	-0854.1	1875	8.3	71542.5	-0845.9	1965	10.	72510.6	-0834.3
1696	9.5	65543.1	-0806.3	1786	9.0	70502.7	-0822.9	1876	9.7	71602.2	-0847.5	1966	9.6	72511.1	-0830 0
1697	9.1	65544.5	-0814.3	1787	9.2	70503.5	-0808.6	1877	9.3	71616.0	-0851.7	1967	9.7	72511.7	-0858.6
1698	9.1	65547.8	-0835.8	1788	9.6	70510.1	-0837.4	1878	10.	71619.9	-0815.2	1968	9.8	72516.9	-0812.5
1699	7.9	65548.8	-0815.0	1789	9.4	70515.7	-0835.2	1879	9.5	71621.9	-0833.7	1969	9.8	72531.7	-0813.5
1700	9.3	65549.8	-0810.0	1790	8.7	70516.6	-0831.0	1880	8.9	71632.1	-0844.1	1970	9.2	72555.1	-0844.6
1701	8.9	65551.3	-0806.3	1791	10.	70520.9	-0844.2	1881	9.8	71638.9	-0822.4	1971	9.0	72559.6	-0844.5
1702	10.	65555.8	-0815.5	1792	9.1	70524.6	-0833.9	1882	9.8	71649.0	-0851.1	1972	9.5	72613.8	-0804.7
1703	8.9	65556.5	-0805.3	1793	9.7	70531.3	-0841.9	1883	9.7	71655.5	-0846.9	1973	9.0	72636.2	-0803.2
1704	10.	65559.4	-0812.9	1794	8.3	70534.1	-0827.9	1884	9.4	71658.0	-0852.4	1974	9.8	72648.8	-0820.0
1705	9.5	65559.6	-0844.7	1795	9.2	70534.9	-0816.2	1885	9.3	71703.7	-0839.8	1975	9.0	72649.7	-0832.6
1706	8.4	65600.0	-0808.2	1796	9.4	70543.2	-0833.2	1886	9.8	71707.4	-0817.3	1976	9.8	72653.7	-0857.9
1707	9.7	65600.8	-0813.7	1797	9.9	70547.9	-0802.0	1887	9.8	71708.2	-0810.1	1977	9.1	72657.9	-0856.9
1708	9.4	65602.1	-0810.5	1798	9.6	70548.3	-0831.1	1888	10.	71709.1	-0836.2	1978	9.3	72658.4	-0856.2
1709	10.	65614.0	-0806.0	1799	10.	70611.1	-0804.8	1889	9.8	71710.0	-0823.8	1979	9.8	72724.5	-0847.7
1710	10.	65614.6	-0804.2	1800	9.9	70614.6	-0800.7	1890	9.8	71710.6	-0808.0	1980	9.8	72727.4	-0809.8
1711	9.0	65617.5	-0817.7	1801	9.8	70615.9	-0806.3	1891	9.9	71716.2	-0846.4	1981	9.5	72730.6	-0805.2
1712	9.9	65618.3	-0804.6	1802	7.5	70623.8	-0837.3	1892	9.7	71716.7	-0832.6	1982	9.8	72730.9	-0837.4
1713	9.5	65620.1	-0817.3	1803	9.7	70632.3	-0845.6	1893	9.2	71717.4	-0836.5	1983	9.8	72731.2	-0814.3
1714	9.0	65630.2	-0815.1	1804	9.4	70636.6	-0820.0	1894	9.8	71730.5	-0816.6	1984	9.1	72734.4	-0821.3
1715	9.4	65631.8	-0841.9	1805	7.8	70645.3	-0841.0	1895	9.6	71744.7	-0851.7	1985	9.3	72744.8	-0805.
1716	9.8	65633.8	-0814.0	1806	9.8	70645.9	-0820.4	1896	9.0	71749.8	-0855.4	1986	9.5	72802.1	-0805.
1717	9.2	65635.5	-0811.8	1807	9.7	70706.1	-0804.1	1897	9.1	71749.8	-0856.0	1987	9.1	72804.1	-0844.
1718	9.3	65637.1	-0858.7	1808	9.8	70707.1	-0848.6	1898	8.9	71751.4	-0809.3	1988	9.3	72806.1	-0848.
1719	9.5	65640.8	-0812.9	1809	9.5	70709.2	-0810.6	1899	9.8	71802.4	-0818.0	1989	9.2	72809.4	-0847.
1720	9.8	65648.0	-0819.5	1810	9.0	70712.6	-0810.8	1900	9.7	71802.9	-0800.8	1990	9.5	72840.5	-0858.
1721	9.8	65648.7	-0820.6	1811	9.8	70726.5	-0846.0	1901	9.6	71814.4	-0804.0	1991	8.0	72849.3	-0801.7
1722	9.4	65650.9	-0803.1	1812	9.5	70736.1	-0808.3	1902	10.	71815.1	-0804.5	1992	9.3	72858.6	-0819.3
1723	9.8	65654.3	-0857.1	1813	8.8	70742.9	-0840.0	1903	9.9	71818.6	-0836.0	1993	7.8	72903.0	-0859.4
1724	10.	65658.6	-0859.1	1814	9.3	70743.9	-0832.5	1904	9.6	71818.6	-0833.8	1994	9.3	72917.2	-0841.3
1725	8.4	65726.6	-0853.7	1815	9.1	70746.3	-0801.5	1905	9.8	71837.4	-0847.4	1995	9.0	72932.3	-0806.7
1726	7.0	65735.9	-0813.8	1816	9.5	70747.9	-0810.8	1906	9.8	71857.4	-0817.5	1996	9.1	72948.9	-0842.4
1727	9.5	65740.2	-0804.1	1817	9.4	70752.6	-0836.5	1907	9.8	71857.9	-0814.0	1997	8.9	72957.3	-0826.5
1728	9.5	65741.8	-0850.3	1818	9.2	70757.7	-0848.9	1908	9.1	71900.3	-0819.6	1998	9.8	73008.0	-0854.1
1729	8.0	65743.7	-0837.8	1819	9.7	70820.8	-0854.3	1909	8.2	71910.5	-0848.7	1999	9.8	73013.7	-0810.6
1730	8.9	65753.0	-0803.9	1820	9.0	70825.8	-0804.7	1910	9.5	71911.6	-0821.4	2000	9.4	73026.4	-0839.4
1731	9.7	65754.8	-0850.0	1821	9.0	70854.0	-0839.9	1911	9.1	71914.9	-0806.4	2001	8.8	73032.3	-0856.
1732	9.0	65801.1	-0814.0	1822	9.3	70854.7	-0824.9	1912	9.1	71921.4	-0824.0	2002	8.8	73040.3	-0805.5
1733	9.0	65829.3	-0847.9	1823	9.6	70904.0	-0858.6	1913	9.5	71929.3	-0838.5	2003	8.8	73042.2	-0822.1
1734	7.9	65838.7	-0830.2	1824	9.2	70913.6	-0816.0	1914	9.3	71932.1	-0842.2	2004	9.6	73046.3	-0842.1
1735	9.4	65839.6	-0802.7	1825	8.7	70920.1	-0836.9	1915	9.9	71936.8	-0821.8	2005	8.6	73048.8	-0853.9
1736	9.8	65841.5	-0801.8	1826	9.5	70927.1	-0811.9	1916	10.	71948.0	-0822.5	2006	9.1	73054.4	-0822.8
1737	8.4	65853.9	-0835.2	1827	9.8	70959.9	-0857.6	1917	8.6	71951.4	-0814.1	2007	9.1	73054.8	-0800.4
1738	9.8	65859.0	-0852.0	1828	8.3	71001.6	-0828.6	1918	9.8	72012.2	-0831.3	2008	8.7	73119.0	-0800.8
1739	8.8	65904.7	-0820.9	1829	9.5	71017.9	-0821.2	1919	9.0	72013.1	-0833.8	2009	9.4	73122.8	-0806.2
1740	9.5	65915.6	-0813.7	1830	9.0	71022.2	-0847.6	1920	9.4	72030.9	-0822.6	2010	9.4	73137.8	-0855.7
1741	9.8	65918.0	-0846.1	1831	9.7	71113.3	-0851.8	1921	9.8	72048.9	-0816.1	2011	9.7	73138.1	-0840.2
1742	9.7	65921.7	-0803.6	1832	8.9	71117.9	-0808.2	1922	9.4	72058.5	-0855.4	2012	9.8	73141.5	-0857.0
1743	9.2	65927.7	-0857.4	1833	9.5	71128.0	-0828.8	1923	9.8	72101.9	-0804.5	2013	9.7	73142.3	-0852.0
1744	9.0	65932.7	-0850.4	1834	9.2	71131.7	-0816.0	1924	9.8	72105.4	-0815.2	2014	9.8	73200.2	-0847.2
1745	9.8	65932.8	-0806.4	1835	9.7	71139.3	-0839.3	1925	8.5	72113.4	-0810.4	2015	8.5	73219.2	-0821.1
1746	9.8	65945.7	-0838.5	1836	7.5	71144.3	-0852.1	1926	9.5	72118.8	-0836.1	2016	9.4	73225.6	-0852.4
1747	9.6	70003.2	-0851.0	1837	9.5	71148.5	-0809.7	1927	9.0	72125.6	-0857.3	2017	9.2	73229.6	-0846.0
1748	9.0	70014.7	-0853.6	1838	9.7	71205.5	-0852.4	1928	9.4	72131.6	-0839.3	2018	9.8	73247.3	-0839.4
1749	8.8	70018.7	-0826.8	1839	7.5	71225.0	-0831.3	1929	9.5	72133.9	-0827.5	2019	9.5	73306.2	-0833.1
1750	9.8	70019.1	-0853.8	1840	10.	71231.3	-0801.9	1930	9.3	72136.8	-0840.4	2020	9.7	73311.0	-0841.9
1751	9.0	70034.6	-0854.5	1841	9.8	71241.2	-0819.9	1931	9.1	72147.0	-0854.0	2021	9.2	73313.7	-0845.8
1752	9.8	70036.6	-0828.2	1842	9.8	71246.3	-0803.2	1932	9.8	72202.4	-0828.2	2022	10.	73315.0	-0836.6
1753	8.8	70041.8	-0850.9	1843	8.5	71251.8	-0855.9	1933	9.8	72213.9	-0807.0	2023	9.9	73316.5	-0834.2
1754	9.4	70048.5	-0846.3	1844	9.8	71252.9	-0837.5	1934	9.5	72223.8	-0839.3	2024	9.8	73337.4	-0840.0
1755	10.	70105.0	-0808.4	1845	9.8	71311.5	-0816.6	1935	9.9	72230.9	-0806.9	2025	9.8	73353.3	-0819.6

-08 2026 7h33m -08 2385 8h22m

2026	8.5	73357.9	-0802.4	2116	9.3	74539.5	-0801.2	2206	10.	75733.9	-0845.8	2296	8.3	81024.3	-0839.2
2027	9.4	73415.1	-0801.4	2117	9.5	74540.1	-0850.7	2207	9.0	75742.7	-0856.9	2297	9.5	81048.0	-0856.4
2028	9.5	73415.6	-0834.0	2118	9.8	74540.3	-0845.8	2208	8.8	75750.7	-0804.9	2298	9.3	81054.9	-0856.2
2029	9.0	73419.3	-0845.1	2119	9.6	74542.9	-0832.7	2209	9.5	75752.3	-0847.5	2299	9.6	81109.1	-0818.7
2030	8.2	73427.3	-0853.0	2120	9.7	74543.8	-0826.3	2210	9.5	75752.8	-0834.7	2300	9.4	81109.7	-0823.0
2031	9.3	73434.5	-0804.9	2121	9.3	74545.9	-0813.4	2211	9.0	75759.0	-0841.0	2301	9.5	81125.5	-0859.1
2032	9.3	73445.7	-0811.4	2122	9.8	74546.5	-0830.4	2212	7.9	75802.7	-0829.0	2302	9.0	81140.9	-0824.3
2033	9.5	73449.8	-0817.0	2123	9.0	74548.0	-0854.3	2213	9.3	75809.3	-0828.5	2303	9.8	81216.8	-0838.6
2034	9.1	73452.3	-0822.4	2124	9.5	74610.0	-0842.7	2214	9.0	75818.8	-0816.0	2304	9.5	81218.0	-0836.3
2035	9.9	73510.0	-0805.2	2125	9.3	74610.2	-0802.2	2215	8.2	75837.9	-0802.1	2305	8.8	81228.1	-0805.3
2036	9.4	73518.4	-0859.6	2126	9.8	74616.3	-0804.6	2216	9.0	75853.2	-0855.2	2306	9.1	81231.9	-0808.9
2037	9.5	73530.0	-0806.2	2127	9.6	74638.2	-0853.7	2217	9.4	75906.6	-0852.1	2307	9.1	81243.8	-0828.1
2038	9.4	73545.3	-0815.8	2128	8.3	74642.9	-0851.1	2218	9.0	75909.3	-0805.0	2308	9.7	81244.6	-0825.0
2039	9.5	73549.3	-0832.6	2129	9.5	74649.6	-0827.8	2219	9.4	75911.0	-0854.3	2309	9.5	81247.2	-0855.7
2040	9.3	73558.5	-0809.7	2130	7.8	74659.7	-0856.6	2220	9.3	75921.4	-0820.2	2310	9.8	81300.6	-0850.2
2041	9.8	73612.7	-0816.4	2131	9.5	74716.0	-0822.4	2221	8.5	75927.6	-0849.4	2311	8.9	81310.0	-0817.0
2042	9.8	73614.2	-0813.5	2132	9.6	74716.2	-0824.8	2222	6.0	75928.9	-0849.9	2312	9.5	81318.5	-0842.5
2043	9.8	73615.7	-0846.8	2133	9.0	74730.8	-0836.7	2223	9.5	75935.0	-0836.0	2313	9.5	81339.1	-0830.1
2044	9.5	73655.6	-0856.4	2134	9.4	74743.7	-0814.7	2224	9.4	75945.0	-0805.1	2314	9.3	81354.9	-0855.2
2045	9.8	73658.1	-0804.9	2135	9.5	74806.4	-0807.0	2225	9.6	75946.4	-0800.5	2315	7.5	81403.1	-0825.4
2046	9.4	73718.4	-0854.7	2136	9.6	74807.8	-0844.4	2226	9.1	75946.4	-0810.0	2316	9.5	81403.8	-0827.1
2047	9.5	73718.8	-0821.9	2137	9.1	74815.2	-0850.7	2227	9.7	75954.0	-0849.8	2317	9.6	81407.2	-0829.6
2048	9.8	73745.0	-0821.7	2138	10.	74815.7	-0846.9	2228	9.2	80008.7	-0800.9	2318	9.6	81420.1	-0814.3
2049	8.5	73745.8	-0803.1	2139	9.5	74821.0	-0844.2	2229	9.8	80010.3	-0813.3	2319	6.8	81433.3	-0813.2
2050	9.5	73750.8	-0808.0	2140	9.7	74844.8	-0852.9	2230	8.8	80025.3	-0836.3	2320	9.5	81441.7	-0846.5
2051	9.1	73805.3	-0856.9	2141	9.3	74906.7	-0812.6	2231	9.8	80034.6	-0850.8	2321	9.5	81453.6	-0801.8
2052	9.0	73815.2	-0840.2	2142	9.5	74921.1	-0841.2	2232	8.2	80036.0	-0809.5	2322	9.5	81511.7	-0835.5
2053	9.3	73818.9	-0857.8	2143	9.8	74926.9	-0849.3	2233	10.	80053.6	-0843.2	2323	8.2	81515.9	-0840.0
2054	9.0	73821.3	-0811.4	2144	9.8	74948.5	-0814.6	2234	9.4	80103.4	-0805.9	2324	9.7	81522.0	-0818.3
2055	8.5	73823.7	-0829.9	2145	9.8	74954.2	-0855.5	2235	8.4	80108.8	-0819.1	2325	9.5	81525.4	-0847.4
2056	9.4	73823.8	-0836.3	2146	10.	74958.3	-0847.5	2236	9.3	80112.0	-0805.1	2326	9.1	81528.7	-0814.7
2057	9.4	73828.0	-0836.2	2147	9.5	75003.1	-0828.3	2237	9.5	80117.8	-0838.5	2327	9.7	81534.0	-0841.0
2058	9.2	73835.2	-0828.4	2148	9.0	75024.6	-0808.7	2238	9.1	80120.8	-0831.9	2328	8.5	81551.1	-0807.5
2059	8.8	73900.6	-0806.7	2149	9.6	75033.3	-0802.0	2239	9.6	80128.2	-0822.7	2329	9.3	81552.6	-0801.8
2060	9.3	73907.8	-0810.3	2150	9.5	75047.6	-0846.9	2240	9.5	80144.1	-0849.8	2330	9.3	81553.3	-0845.4
2061	9.5	73922.7	-0818.7	2151	9.0	75049.9	-0827.2	2241	9.2	80159.1	-0800.4	2331	9.1	81554.1	-0856.5
2062	9.3	73937.3	-0852.0	2152	10.	75054.7	-0818.9	2242	9.3	80204.1	-0840.6	2332	9.0	81554.1	-0800.6
2063	8.0	73950.7	-0828.0	2153	9.4	75056.5	-0802.4	2243	9.0	80207.3	-0829.8	2333	9.3	81555.9	-0847.1
2064	9.0	73954.2	-0829.2	2154	9.0	75058.0	-0821.5	2244	9.2	80216.0	-0849.5	2334	9.1	81559.1	-0835.9
2065	9.8	73958.8	-0849.7	2155	9.5	75120.1	-0825.2	2245	9.4	80222.8	-0849.3	2335	9.1	81625.5	-0804.0
2066	9.7	74005.7	-0812.6	2156	9.2	75129.8	-0812.6	2246	9.5	80225.6	-0818.7	2336	9.2	81626.0	-0839.8
2067	9.8	74007.4	-0841.6	2157	9.8	75134.2	-0855.1	2247	9.5	80227.4	-0836.2	2337	9.1	81635.0	-0821.8
2068	9.5	74008.8	-0812.6	2158	9.4	75139.9	-0859.0	2248	9.5	80241.9	-0836.3	2338	9.0	81645.8	-0829.5
2069	9.7	74011.3	-0834.9	2159	9.4	75152.8	-0816.7	2249	10.	80244.0	-0838.3	2339	8.4	81646.7	-0800.3
2070	9.1	74029.7	-0837.8	2160	9.0	75154.7	-0834.4	2250	9.2	80250.5	-0846.7	2340	9.3	81654.5	-0841.0
2071	9.4	74033.2	-0836.8	2161	9.3	75156.9	-0817.6	2251	9.5	80257.3	-0810.8	2341	8.5	81700.0	-0822.3
2072	9.5	74035.5	-0803.9	2162	9.1	75158.6	-0847.0	2252	9.1	80341.6	-0818.2	2342	9.3	81708.6	-0847.2
2073	9.8	74053.3	-0817.3	2163	9.2	75202.7	-0834.4	2253	9.5	80352.5	-0816.4	2343	7.4	81726.0	-0803.2
2074	9.6	74059.7	-0800.0	2164	8.5	75207.9	-0809.6	2254	8.8	80400.0	-0856.6	2344	9.5	81726.5	-0858.3
2075	8.7	74100.5	-0825.8	2165	9.8	75215.1	-0826.5	2255	9.0	80407.8	-0815.9	2345	8.1	81736.5	-0827.6
2076	9.3	74100.9	-0859.1	2166	9.2	75219.4	-0801.0	2256	8.9	80410.6	-0813.2	2346	9.5	81754.0	-0813.5
2077	9.7	74112.8	-0852.6	2167	9.7	75221.7	-0849.4	2257	9.3	80424.4	-0840.0	2347	9.1	81759.9	-0853.7
2078	9.8	74126.5	-0839.4	2168	9.1	75229.7	-0811.1	2258	9.2	80425.3	-0830.9	2348	9.4	81803.3	-0807.1
2079	9.3	74131.7	-0804.3	2169	9.8	75235.3	-0802.2	2259	8.3	80436.9	-0856.5	2349	9.8	81812.0	-0807.8
2080	9.2	74135.8	-0852.1	2170	7.9	75247.4	-0842.6	2260	9.5	80438.0	-0845.8	2350	9.3	81815.3	-0803.5
2081	9.5	74136.4	-0819.7	2171	9.7	75253.3	-0858.3	2261	9.5	80439.8	-0801.2	2351	9.5	81828.7	-0838.5
2082	9.6	74142.7	-0834.7	2172	10.	75303.6	-0857.2	2262	9.4	80442.1	-0850.0	2352	6.3	81836.6	-0828.9
2083	9.8	74149.8	-0811.9	2173	9.4	75304.9	-0855.7	2263	7.9	80511.1	-0806.2	2353	7.8	81853.5	-0818.5
2084	9.5	74202.9	-0854.7	2174	9.3	75307.7	-0833.8	2264	9.8	80519.7	-0826.7	2354	9.8	81902.0	-0812.8
2085	9.3	74206.7	-0818.8	2175	8.6	75325.4	-0842.5	2265	9.3	80530.8	-0828.2	2355	7.0	81903.6	-0802.2
2086	9.5	74215.3	-0852.8	2176	9.0	75326.6	-0858.6	2266	9.5	80546.2	-0800.6	2356	8.6	81910.9	-0843.9
2087	9.3	74226.7	-0842.3	2177	10.	75327.6	-0813.6	2267	9.7	80551.3	-0831.1	2357	9.3	81934.0	-0820.6
2088	9.5	74234.7	-0847.5	2178	9.8	75333.9	-0819.0	2268	9.7	80600.5	-0835.0	2358	9.4	81939.5	-0845.2
2089	9.4	74235.0	-0827.0	2179	9.3	75345.9	-0848.4	2269	9.7	80613.4	-0838.7	2359	9.1	81956.9	-0816.4
2090	8.1	74251.2	-0813.2	2180	9.8	75353.2	-0850.0	2270	9.6	80625.2	-0847.6	2360	9.4	81958.6	-0842.1
2091	9.1	74256.5	-0806.4	2181	9.3	75354.1	-0823.2	2271	9.4	80701.6	-0803.8	2361	9.8	82001.1	-0804.8
2092	8.3	74301.1	-0855.2	2182	9.0	75400.7	-0830.2	2272	7.8	80706.2	-0825.3	2362	8.3	82001.9	-0856.1
2093	9.0	74301.2	-0822.2	2183	9.4	75407.2	-0847.8	2273	9.5	80709.7	-0827.8	2363	9.4	82011.8	-0840.0
2094	9.4	74302.3	-0815.7	2184	9.7	75431.0	-0847.2	2274	9.5	80733.0	-0818.8	2364	9.4	82015.6	-0833.1
2095	9.8	74312.4	-0844.1	2185	9.0	75434.7	-0853.0	2275	9.0	80735.9	-0809.8	2365	9.5	82024.6	-0832.2
2096	5.5	74313.1	-0849.0	2186	7.2	75443.8	-0811.9	2276	9.3	80736.1	-0827.9	2366	9.0	82032.8	-0804.2
2097	9.7	74314.9	-0812.0	2187	9.4	75457.6	-0827.5	2277	9.2	80810.3	-0835.2	2367	8.9	82037.3	-0809.7
2098	10.	74320.2	-0811.9	2188	9.5	75500.3	-0854.4	2278	8.9	80813.9	-0805.0	2368	10.	82037.4	-0818.5
2099	9.7	74333.3	-0800.9	2189	7.0	75502.8	-0857.8	2279	9.7	80814.8	-0802.6	2369	9.0	82046.1	-0841.6
2100	8.9	74352.9	-0808.4	2190	9.5	75522.9	-0819.0	2280	9.4	80824.4	-0829.1	2370	9.2	82049.4	-0858.8
2101	9.1	74354.2	-0802.0	2191	9.5	75536.2	-0830.0	2281	8.7	80857.5	-0837.2	2371	9.4	82056.9	-0839.5
2102	9.8	74356.6	-0835.7	2192	9.9	75539.3	-0830.2	2282	9.4	80858.4	-0825.9	2372	9.3	82111.6	-0831.9
2103	9.1	74403.2	-0826.0	2193	9.3	75539.6	-0840.1	2283	8.5	80920.6	-0837.4	2373	8.8	82112.2	-0814.7
2104	10.	74407.0	-0800.1	2194	9.5	75544.6	-0838.8	2284	9.5	80922.9	-0831.0	2374	6.5	82117.5	-0819.9
2105	9.9	74408.8	-0844.5	2195	9.3	75546.1	-0843.8	2285	8.8	80928.2	-0836.3	2375	9.2	82118.1	-0802.6
2106	10.	74422.9	-0835.9	2196	9.2	75550.0	-0842.0	2286	9.5	80930.6	-0837.5	2376	9.3	82121.2	-0819.1
2107	10.	74435.7	-0831.0	2197	9.4	75605.7	-0842.5	2287	9.3	80931.5	-0809.5	2377	9.5	82133.4	-0859.2
2108	9.6	74447.2	-0800.0	2198	9.5	75615.8	-0836.0	2288	9.5	80937.4	-0852.1	2378	9.8	82202.0	-0816.2
2109	9.8	74447.6	-0801.6	2199	9.0	75636.2	-0852.2	2289	8.9	80940.9	-0306.3	2379	9.2	82205.4	-0802.4
2110	8.3	74450.3	-0855.8	2200	9.7	75638.6	-0802.9	2290	7.7	80943.3	-0836.5	2380	9.2	82206.1	-0853.6
2111	9.8	74454.7	-0821.7	2201	10.	75657.1	-0848.6	2291	7.0	80947.2	-0833.7	2381	8.5	82211.2	-0832.4
2112	8.6	74457.6	-0850.1	2202	9.6	75703.9	-0852.6	2292	9.1	80952.0	-0831.1	2382	9.1	82215.1	-0840.9
2113	9.0	74511.0	-0823.8	2203	9.6	75708.4	-0840.7	2293	9.5	81009.1	-0822.9	2383	10.	82231.8	-0822.5
2114	9.3	74524.2	-0806.8	2204	9.5	75708.9	-0855.7	2294	9.1	81016.0	-0853.6	2384	9.4	82232.5	-0842.8
2115	9.6	74537.3	-0810.9	2205	10.	75719.7	-0852.8	2295	9.9	81016.9	-0849.7	2385	8.8	82246.3	-0812.1

-08 2386 8h23m

-08 2745 9h36m

2386	10.	82315.9	-0819.9	2476	9.8	83811.8	-0824.5	2566	9.4	85549.4	-0803.7	2656	9.4	91539.2	-0802.5
2387	9.5	82341.3	-0808.6	2477	9.5	83814.9	-0857.3	2567	9.7	85603.5	-0814.5	2657	9.5	91555.3	-0835.7
2388	9.3	82343.2	-0847.1	2478	9.5	83820.5	-0840.1	2568	7.8	85604.2	-0825.3	2658	9.8	91603.7	-0800.0
2389	9.5	82346.2	-0834.2	2479	9.5	83835.3	-0816.3	2569	8.6	85618.7	-0827.0	2659	9.8	91614.1	-0823.4
2390	9.3	82359.1	-0833.3	2480	9.0	83854.9	-0855.6	2570	8.5	85638.7	-0800.7	2660	9.6	91615.2	-0811.2
2391	8.0	82413.3	-0857.9	2481	9.5	83858.7	-0802.1	2571	9.2	85645.5	-0807.8	2661	9.5	91617.7	-0808.5
2392	9.7	82414.2	-0846.7	2482	8.4	83902.9	-0826.8	2572	9.4	85705.3	-0833.0	2662	9.7	91622.3	-0806.6
2393	8.7	82428.2	-0850.7	2483	9.1	83913.9	-0857.9	2573	8.9	85709.0	-0848.2	2663	9.0	91650.2	-0826.4
2394	7.3	82443.7	-0822.2	2484	9.3	83927.7	-0812.1	2574	9.2	85819.6	-0849.5	2664	9.7	91709.1	-0826.3
2395	9.8	82452.9	-0829.0	2485	9.8	83929.9	-0850.0	2575	9.6	85821.3	-0843.9	2665	9.0	91716.2	-0849.8
2396	9.5	82454.7	-0835.4	2486	7.5	83930.2	-0807.4	2576	9.7	85837.9	-0843.6	2666	8.8	91719.9	-0847.6
2397	9.5	82458.6	-0800.9	2487	9.5	83950.2	-0810.5	2577	8.3	85851.6	-0831.8	2667	9.8	91736.5	-0854.1
2398	9.3	82521.1	-0839.7	2488	9.7	84010.9	-0831.3	2578	9.0	85859.3	-0850.0	2668	9.1	91806.3	-0827.0
2399	9.6	82523.0	-0835.0	2489	9.8	84018.1	-0850.0	2579	9.1	85900.4	-0803.7	2669	8.9	91808.4	-0829.3
2400	9.8	82536.5	-0832.0	2490	10.	84023.0	-0853.9	2580	9.0	85920.0	-0813.1	2670	9.4	91809.0	-0837.7
2401	9.5	82540.5	-0833.6	2491	9.7	84037.4	-0841.8	2581	9.4	85933.2	-0838.7	2671	9.4	91831.5	-0800.4
2402	9.1	82600.6	-0841.4	2492	8.5	84116.3	-0859.7	2582	9.0	85942.4	-0814.2	2672	9.3	91838.5	-0841.3
2403	9.5	82601.0	-0844.9	2493	9.4	84118.5	-0800.8	2583	9.1	85950.1	-0847.7	2673	10.	91841.3	-0828.8
2404	9.4	82607.8	-0845.0	2494	8.5	84142.1	-0809.8	2584	9.8	90029.0	-0847.8	2674	9.4	91922.0	-0845.1
2405	9.5	82631.8	-0807.2	2495	9.3	84144.4	-0859.4	2585	9.8	90106.7	-0843.1	2675	10.	91945.9	-0850.2
2406	9.4	82636.7	-0837.8	2496	9.8	84151.9	-0840.4	2586	9.8	90115.1	-0823.0	2676	9.4	91948.5	-0834.8
2407	9.8	82644.3	-0810.1	2497	9.8	84159.8	-0809.4	2587	9.0	90122.0	-0819.0	2677	9.4	91958.2	-0820.0
2408	9.7	82646.2	-0840.1	2498	9.0	84208.2	-0817.8	2588	5.8	90136.2	-0800.3	2678	6.8	92008.5	-0835.9
2409	9.7	82650.1	-0841.4	2499	8.0	84230.8	-0804.7	2589	7.9	90136.9	-0848.2	2679	9.8	92022.9	-0846.4
2410	9.7	82704.2	-0839.8	2500	6.8	84236.6	-0806.2	2590	9.2	90152.1	-0854.8	2680	2.0	92027.1	-0801.7
2411	9.9	82705.2	-0828.0	2501	7.7	84403.3	-0853.2	2591	9.5	90220.7	-0841.2	2681	9.4	92036.9	-0805.9
2412	9.1	82710.0	-0828.9	2502	9.5	84407.8	-0831.5	2592	8.4	90229.6	-0802.4	2682	9.4	92041.9	-0825.6
2413	9.5	82739.0	-0857.9	2503	8.9	84412.3	-0825.0	2593	5.3	90230.2	-0812.0	2683	9.1	92049.3	-0820.5
2414	9.7	82747.7	-0804.5	2504	7.5	84416.9	-0835.2	2594	9.4	90251.1	-0811.4	2684	9.4	92107.6	-0808.8
2415	8.6	82750.6	-0850.4	2505	9.5	84418.7	-0822.6	2595	9.3	90258.1	-0811.6	2685	10.	92118.5	-0842.5
2416	9.7	82757.4	-0805.8	2506	9.4	84426.2	-0812.5	2596	9.6	90305.8	-0850.6	2686	8.0	92118.6	-0833.8
2417	9.2	82757.6	-0854.5	2507	9.0	84429.3	-0834.2	2597	9.3	90307.8	-0828.6	2687	8.9	92125.8	-0846.7
2418	9.0	82801.1	-0813.0	2508	9.0	84436.3	-0825.7	2598	8.5	90308.6	-0802.6	2688	9.4	92136.7	-0806.5
2419	9.5	82817.0	-0813.0	2509	8.2	84440.8	-0835.1	2599	10.	90313.8	-0839.3	2689	9.8	92143.7	-0838.4
2420	9.0	82821.8	-0817.8	2510	9.5	84533.8	-0856.4	2600	8.5	90341.6	-0818.4	2690	9.5	92201.3	-0831.8
2421	9.4	82823.5	-0845.5	2511	9.7	84600.0	-0848.6	2601	9.0	90410.1	-0818.7	2691	9.3	92218.0	-0839.4
2422	9.5	82842.8	-0848.6	2512	9.2	84604.1	-0856.3	2602	9.4	90413.0	-0810.0	2692	9.5	92218.4	-0816.1
2423	10.	82904.9	-0838.4	2513	10.	84632.0	-0856.3	2603	9.8	90419.3	-0841.4	2693	9.5	92222.1	-0807.5
2424	10.	82910.0	-0842.6	2514	9.7	84632.1	-0852.9	2604	9.8	90419.3	-0821.1	2694	9.3	92421.2	-0815.5
2425	9.4	82936.2	-0848.4	2515	9.4	84640.2	-0850.7	2605	9.6	90426.3	-0818.7	2695	9.5	92431.8	-0836.6
2426	9.8	82951.3	-0842.0	2516	9.0	84641.0	-0823.8	2606	10.	90508.9	-0827.4	2696	9.1	92433.6	-0805.3
2427	8.6	83004.3	-0835.5	2517	9.0	84647.2	-0853.2	2607	10.	90509.2	-0837.0	2697	9.3	92444.2	-0818.4
2428	9.2	83006.8	-0811.2	2518	7.0	84710.7	-0812.8	2608	8.7	90538.4	-0820.5	2698	9.1	92451.0	-0831.2
2429	9.4	83013.4	-0808.3	2519	9.3	84715.4	-0829.9	2609	10.	90547.1	-0858.0	2699	9.5	92454.5	-0846.9
2430	9.0	83031.5	-0835.1	2520	8.3	84719.9	-0840.0	2610	8.3	90553.6	-0806.2	2700	9.0	92504.0	-0806.9
2431	9.6	83039.5	-0809.2	2521	9.7	84727.5	-0803.0	2611	9.8	90615.9	-0803.2	2701	9.3	92554.3	-0805.1
2432	10.	83045.4	-0859.4	2522	9.5	84733.1	-0848.8	2612	9.3	90616.2	-0831.2	2702	9.0	92601.2	-0840.4
2433	9.5	83046.6	-0823.1	2523	9.1	84735.2	-0814.0	2613	9.5	90722.5	-0830.3	2703	10.	92618.3	-0818.0
2434	8.0	83054.9	-0813.8	2524	9.1	84740.3	-0822.2	2614	9.2	90726.8	-0832.4	2704	9.8	92634.7	-0811.9
2435	9.5	83055.4	-0859.7	2525	30.0	84836.4	-0835.5	2615	7.5	90747.1	-0809.7	2705	9.8	92634.9	-0856.4
2436	7.0	83056.2	-0822.9	2526	9.3	84839.2	-0816.3	2616	9.5	90747.8	-0846.8	2706	9.8	92651.6	-0856.4
2437	9.2	83111.9	-0845.5	2527	10.	84842.6	-0832.7	2617	9.9	90802.2	-0826.3	2707	9.4	92652.5	-0830.5
2438	8.8	83115.1	-0803.8	2528	9.1	84851.8	-0851.0	2618	8.0	90814.8	-0827.8	2708	9.7	92658.8	-0816.5
2439	8.9	83120.2	-0842.9	2529	9.6	84914.5	-0848.9	2619	7.8	90826.9	-0808.7	2709	10.	92702.5	-0801.8
2440	8.5	83148.0	-0802.8	2530	10.	84921.0	-0843.5	2620	9.5	90828.4	-0816.2	2710	10.	92726.6	-0814.9
2441	9.7	83151.5	-0848.2	2531	9.2	84923.7	-0802.7	2621	9.4	90850.8	-0802.3	2711	9.4	92729.1	-0838.4
2442	9.5	83212.9	-0858.1	2532	8.8	84942.8	-0830.7	2622	8.8	90910.2	-0828.7	2712	9.3	92757.1	-0808.0
2443	9.5	83228.3	-0849.5	2533	9.0	85010.8	-0855.5	2623	6.2	90935.2	-0808.5	2713	9.2	92810.2	-0858.8
2444	8.0	83239.0	-0841.5	2534	9.0	85015.8	-0854.5	2624	9.1	90958.2	-0845.1	2714	10.	92814.7	-0818.4
2445	9.8	83246.6	-0823.6	2535	9.3	85018.5	-0842.4	2625	9.1	90959.1	-0837.9	2715	10.	92825.7	-0844.4
2446	10.	83254.7	-0805.9	2536	8.5	85022.9	-0851.4	2626	9.6	91012.4	-0835.7	2716	10.	92830.6	-0845.5
2447	9.1	83328.8	-0812.4	2537	9.3	85032.3	-0833.3	2627	9.4	91050.1	-0831.3	2717	9.6	92834.6	-0811.4
2448	10.	83334.1	-0846.6	2538	8.6	85035.7	-0812.8	2628	9.3	91055.2	-0829.5	2718	9.5	92854.7	-0813.8
2449	9.5	83338.2	-0805.5	2539	9.2	85101.8	-0859.6	2629	8.9	91109.9	-0852.0	2719	9.1	92921.3	-0853.7
2450	9.1	83339.4	-0847.4	2540	9.2	85118.2	-0826.4	2630	9.8	91113.0	-0854.5	2720	9.8	92923.0	-0842.3
2451	9.7	83344.9	-0847.0	2541	8.9	85144.5	-0806.4	2631	8.2	91115.8	-0816.5	2721	9.0	92942.7	-0848.2
2452	6.5	83359.9	-0832.2	2542	9.6	85209.8	-0831.1	2632	9.3	91119.7	-0852.9	2722	9.3	93010.2	-0819.9
2453	9.4	83404.5	-0844.7	2543	7.8	85215.7	-0826.0	2633	9.3	91121.7	-0844.2	2723	9.8	93018.2	-0813.4
2454	8.3	83407.4	-0820.6	2544	9.4	85219.9	-0843.1	2634	9.5	91142.0	-0823.0	2724	9.5	93018.8	-0836.2
2455	9.5	83431.0	-0839.4	2545	8.6	85224.8	-0801.5	2635	10.	91157.3	-0826.1	2725	6.0	93045.0	-0846.5
2456	7.5	83445.7	-0802.6	2546	8.7	85238.9	-0840.0	2636	10.	91157.7	-0822.5	2726	9.1	93050.5	-0807.6
2457	9.3	83453.0	-0839.7	2547	9.0	85253.3	-0803.6	2637	9.5	91209.8	-0841.7	2727	9.8	93112.1	-0845.1
2458	9.5	83508.5	-0842.0	2548	9.3	85306.9	-0802.3	2638	8.6	91215.9	-0856.6	2728	9.5	93141.2	-0818.5
2459	7.8	83510.7	-0804.3	2549	7.5	85316.2	-0833.4	2639	9.1	91221.4	-0822.8	2729	9.7	93218.6	-0809.6
2460	9.5	83512.6	-0817.0	2550	10.	85339.9	-0812.8	2640	9.4	91227.1	-0804.9	2730	9.3	93224.6	-0843.1
2461	9.1	83512.8	-0818.8	2551	7.0	85341.8	-0838.0	2641	9.6	91248.5	-0842.8	2731	9.5	93227.0	-0852.3
2462	9.1	83525.9	-0801.7	2552	9.0	85345.7	-0840.6	2642	9.5	91309.5	-0834.4	2732	9.5	93257.0	-0840.8
2463	9.8	83529.0	-0800.5	2553	9.3	85354.2	-0858.9	2643	5.0	91324.3	-0856.4	2733	7.5	93300.1	-0826.0
2464	8.8	83550.4	-0854.6	2554	7.5	85358.4	-0839.3	2644	8.5	91325.9	-0816.6	2734	9.3	93315.2	-0839.4
2465	8.5	83554.0	-0800.8	2555	9.2	85359.8	-0836.0	2645	9.7	91340.9	-0807.5	2735	8.7	93323.0	-0807.5
2466	9.8	83606.1	-0843.4	2556	10.	85403.4	-0801.7	2646	9.5	91750.4	-0831.5	2736	9.3	93324.8	-0821.8
2467	9.5	83615.9	-0827.5	2557	9.4	85404.2	-0806.5	2647	8.9	91431.0	-0823.5	2737	9.5	93348.3	-0822.1
2468	9.3	83631.0	-0837.8	2558	10.	85434.0	-0821.1	2648	9.8	91432.4	-0831.2	2738	9.1	93403.9	-0852.5
2469	9.3	83643.9	-0845.4	2559	9.4	85435.5	-0827.0	2649	9.0	91434.6	-0803.0	2739	9.1	93404.9	-0856.1
2470	9.5	83702.3	-0803.3	2560	9.7	85442.7	-0829.0	2650	10.	91440.5	-0838.9	2740	9.8	93431.2	-0818.4
2471	8.8	83706.3	-0851.8	2561	8.9	85447.6	-0852.5	2651	9.4	91452.3	-0838.8	2741	9.8	93452.1	-0813.2
2472	9.4	83711.6	-0821.3	2562	9.7	85454.8	-0840.5	2652	9.8	91508.5	-0843.3	2742	8.8	93548.5	-0828.7
2473	9.6	83725.8	-0849.5	2563	9.5	85500.7	-0852.3	2653	9.6	91510.9	-0839.3	2743	9.1	93600.1	-0817.1
2474	8.6	83734.9	-0855.1	2564	8.4	85538.4	-0824.3	2654	9.8	91527.0	-0822.3	2744	10.	93606.0	-0852.8
2475	9.1	83750.5	-0844.5	2565	8.7	85541.3	-0849.5	2655	9.1	91532.3	-0846.6	2745	9.5	93612.6	-0813.3

-08 2746 9h36m -08 3105 11h05m

2746	10.	93613.8	-0852.7	2836	6.3	95631.0	-0852.4	2926	8.6	102034.1	-0848.6	3016	9.4	104227.7	-0840.5
2747	9.5	93616.9	-0803.7	2837	9.4	95656.6	-0800.9	2927	10.	102037.3	-0840.0	3017	7.8	104258.1	-0813.4
2748	9.3	93621.5	-0848.7	2838	8.5	95709.0	-0827.8	2928	9.5	102037.7	-0858.1	3018	5.2	104301.5	-0807.2
2749	9.0	93624.4	-0847.9	2839	9.3	95715.9	-0848.4	2929	9.5	102105.9	-0836.7	3019	9.5	104316.8	-0806.7
2750	9.8	93630.3	-0824.4	2840	9.6	95725.3	-0814.9	2930	9.8	102112.9	-0831.5	3020	10.	104340.5	-0847.3
2751	9.5	93640.5	-0838.7	2841	8.8	95732.2	-0810.6	2931	10.	102119.5	-0857.4	3021	8.3	104341.6	-0806.7
2752	9.2	93653.3	-0816.3	2842	9.5	95749.8	-0814.6	2932	8.7	102128.4	-0811.0	3022	8.9	104343.2	-0816.3
2753	9.6	93700.6	-0859.2	2843	8.2	95819.0	-0850.5	2933	9.1	102130.5	-0852.5	3023	9.0	104356.1	-0819.7
2754	9.1	93706.2	-0808.1	2844	9.6	95903.1	-0848.5	2934	9.1	102140.2	-0846.6	3024	9.1	104359.6	-0820.5
2755	9.8	93713.7	-0804.2	2845	9.7	95914.5	-0842.1	2935	8.8	102154.3	-0820.5	3025	8.2	104421.7	-0805.7
2756	9.5	93735.8	-0848.5	2846	9.1	95914.7	-0813.7	2936	10.	102155.2	-0823.8	3026	9.6	104429.2	-0849.1
2757	9.5	93804.9	-0839.4	2847	9.8	95936.0	-0851.7	2937	9.6	102156.4	-0858.5	3027	9.8	104443.1	-0818.3
2758	8.9	93828.8	-0834.1	2848	8.8	95955.5	-0847.3	2938	8.7	102220.5	-0823.2	3028	9.8	104508.2	-0830.5
2759	9.8	93900.9	-0859.5	2849	10.	100007.8	-0822.3	2939	9.4	102225.9	-0851.6	3029	8.2	104555.3	-0834.6
2760	8.9	93911.9	-0837.0	2850	9.4	100009.0	-0832.8	2940	9.7	102236.0	-0824.3	3030	9.5	104635.9	-0837.4
2761	9.3	93952.6	-0836.7	2851	8.9	100019.6	-0837.9	2941	9.8	102247.7	-0838.7	3031	10.	104636.0	-0857.8
2762	9.8	93946.8	-0858.0	2852	9.2	100020.5	-0835.7	2942	9.1	102256.4	-0857.5	3032	9.8	104639.4	-0852.4
2763	8.8	94006.5	-0831.1	2853	9.2	100032.9	-0822.9	2943	9.4	102351.9	-0808.9	3033	9.3	104655.7	-0831.2
2764	9.1	94021.8	-0841.7	2854	8.9	100037.0	-0834.6	2944	9.5	102422.0	-0859.3	3034	9.8	104658.0	-0804.2
2765	9.8	94048.9	-0804.3	2855	9.9	100108.6	-0840.0	2945	7.5	102430.0	-0812.2	3035	9.6	104713.9	-0839.9
2766	9.5	94053.7	-0841.0	2856	9.1	100112.0	-0819.3	2946	8.9	102603.3	-0837.0	3036	9.8	104738.4	-0852.6
2767	9.4	94057.8	-0849.5	2857	9.4	100143.1	-0835.1	2947	10.	102603.5	-0847.5	3037	9.5	104745.7	-0830.6
2768	9.5	94127.7	-0848.2	2858	9.7	100158.5	-0812.8	2948	9.3	102618.0	-0837.5	3038	10.	104747.2	-0846.8
2769	9.1	94134.2	-0834.4	2859	8.9	100211.4	-0800.9	2949	9.6	102620.3	-0858.4	3039	9.1	104800.6	-0847.5
2770	9.2	94143.2	-0834.4	2860	9.0	100213.5	-0847.3	2950	9.1	102641.9	-0806.0	3040	9.8	104813.9	-0855.1
2771	7.0	94208.3	-0809.6	2861	9.9	100232.7	-0843.6	2951	9.5	102646.4	-0830.8	3041	9.2	104814.7	-0825.7
2772	9.1	94211.6	-0823.6	2862	8.8	100308.6	-0800.0	2952	9.4	102655.8	-0839.7	3042	9.9	104817.1	-0825.7
2773	8.6	94221.7	-0831.1	2863	8.7	100308.8	-0820.8	2953	9.4	102656.5	-0833.5	3043	9.4	104835.2	-0826.9
2774	9.1	94239.0	-0841.4	2864	9.4	100329.0	-0857.5	2954	8.7	102702.7	-0831.9	3044	9.8	104845.5	-0840.9
2775	9.3	94243.5	-0817.4	2865	9.4	100357.2	-0812.5	2955	9.3	102706.6	-0825.4	3045	9.6	104924.0	-0813.9
2776	9.8	94248.4	-0842.5	2866	8.3	100406.1	-0841.3	2956	8.7	102713.5	-0821.7	3046	9.0	104953.0	-0803.7
2777	9.8	94249.8	-0849.0	2867	9.5	100418.0	-0827.2	2957	9.8	102739.6	-0847.3	3047	9.0	105026.3	-0844.2
2778	9.3	94301.7	-0847.3	2868	9.4	100424.6	-0818.5	2958	9.5	102818.8	-0855.2	3048	9.4	105028.1	-0840.1
2779	9.5	94321.3	-0804.9	2869	9.7	100437.4	-0808.2	2959	9.8	102845.8	-0842.3	3049	9.0	105031.1	-0815.3
2780	9.8	94351.7	-0854.9	2870	9.4	100449.8	-0841.5	2960	10.	102857.3	-0832.0	3050	9.3	105032.4	-0839.2
2781	9.8	94404.2	-0830.0	2871	9.2	100524.1	-0810.7	2961	8.4	102928.9	-0851.9	3051	9.8	105033.3	-0845.4
2782	9.8	94419.3	-0859.5	2872	9.8	100528.3	-0840.5	2962	9.0	102934.2	-0835.8	3052	9.5	105043.5	-0826.9
2783	9.5	94427.0	-0818.5	2873	8.7	100533.7	-0839.4	2963	6.8	102946.5	-0805.4	3053	9.2	105131.5	-0813.0
2784	9.1	94438.5	-0816.9	2874	9.4	100556.7	-0815.0	2964	9.3	102952.3	-0806.7	3054	9.5	105134.2	-0826.9
2785	10.	94455.1	-0823.4	2875	9.6	100604.3	-0818.8	2965	9.8	103006.5	-0835.4	3055	9.0	105134.7	-0804.8
2786	9.5	94459.2	-0800.7	2876	9.8	100625.9	-0845.5	2966	9.0	103014.8	-0846.8	3056	9.8	105135.5	-0816.9
2787	9.4	94502.4	-0815.4	2877	10.	100704.7	-0859.3	2967	8.7	103024.8	-0857.9	3057	9.0	105143.1	-0824.2
2788	7.8	94518.7	-0832.6	2878	9.7	100724.2	-0847.9	2968	9.0	103042.2	-0816.8	3058	9.1	105155.0	-0815.1
2789	9.5	94521.7	-0829.2	2879	8.3	100744.4	-0801.2	2969	9.3	103051.1	-0830.0	3059	8.8	105230.6	-0826.4
2790	9.0	94523.0	-0842.1	2880	9.8	100745.7	-0818.4	2970	10.	103135.1	-0859.8	3060	9.6	105234.9	-0855.5
2791	9.8	94544.8	-0802.5	2881	9.8	100749.6	-0855.1	2971	9.3	103147.6	-0800.3	3061	9.3	105240.4	-0854.8
2792	8.9	94656.0	-0801.6	2882	9.8	100757.6	-0853.9	2972	9.4	103159.5	-0821.8	3062	7.3	105305.5	-0942.7
2793	9.1	94754.8	-0852.3	2883	9.8	100831.1	-0811.7	2973	9.3	103213.0	-0843.8	3063	8.8	105327.0	-0928.9
2794	9.1	94800.9	-0811.0	2884	10.	100854.2	-0817.5	2974	9.8	103233.2	-0800.4	3064	9.3	105333.9	-0902.4
2795	8.7	94813.8	-0859.0	2885	9.1	100916.0	-0812.4	2975	8.6	103235.0	-0856.7	3065	10.	105354.3	-0941.3
2796	9.4	94828.5	-0842.8	2886	10.	100920.3	-0856.1	2976	7.7	103300.9	-0817.4	3066	7.3	105357.8	-0959.6
2797	7.0	94834.8	-0808.8	2887	9.0	100943.1	-0810.8	2977	9.8	103327.6	-0830.6	3067	9.4	105407.6	-0.05.8
2798	8.8	94846.6	-0828.2	2888	8.7	100949.2	-0818.9	2978	9.1	103335.6	-0817.1	3068	8.6	105534.5	-0.32.8
2799	9.5	94852.0	-0821.5	2889	9.3	101017.1	-0845.3	2979	9.3	103336.4	-0845.4	3069	9.5	105549.7	-0852.4
2800	9.5	94901.2	-0808.2	2890	9.0	101021.9	-0859.0	2980	9.9	103340.5	-0834.1	3070	9.6	105556.2	-0830.9
2801	9.1	94916.6	-0831.5	2891	9.5	101031.3	-0823.8	2981	8.8	103349.2	-0805.2	3071	9.1	105604.4	-0813.4
2802	8.4	94931.0	-0809.0	2892	9.1	101055.6	-0817.6	2982	9.5	103440.4	-0826.7	3072	9.3	105608.8	-0844.7
2803	8.5	94931.9	-0833.4	2893	9.5	101109.3	-0856.5	2983	9.7	103450.4	-0849.1	3073	9.5	105612.4	-0825.7
2804	9.6	94935.4	-0800.4	2894	9.7	101110.5	-0839.3	2984	9.3	103452.7	-0857.9	3074	7.8	105639.9	-0817.6
2805	7.8	94952.4	-0854.1	2895	8.0	101158.5	-0836.4	2985	9.4	103552.8	-0827.3	3075	9.3	105656.7	-0852.4
2806	9.9	94955.7	-0804.9	2896	9.4	101225.5	-0822.1	2986	9.0	103558.8	-0819.3	3076	9.0	105706.4	-0813.6
2807	8.4	94955.7	-0841.3	2897	6.3	101247.9	-0819.3	2987	9.8	103634.3	-0845.8	3077	9.8	105734.7	-0840.8
2808	9.5	95002.3	-0812.4	2898	10.	101254.8	-0824.5	2988	9.8	103701.7	-0852.1	3078	9.0	105757.6	-0812.6
2809	9.5	95007.6	-0844.5	2899	8.5	101341.4	-0816.4	2989	9.8	103712.1	-0851.8	3079	9.6	105838.2	-0856.8
2810	9.5	95106.9	-0815.0	2900	9.7	101354.1	-0857.0	2990	9.5	103726.9	-0831.1	3080	9.4	105839.5	-0826.8
2811	9.2	95140.7	-0905.5	2901	9.6	101356.1	-0857.5	2991	9.6	103740.2	-0848.1	3081	8.2	105840.4	-0822.4
2812	9.2	95147.1	-0836.1	2902	9.8	101452.1	-0815.4	2992	10.	103752.5	-0857.8	3082	9.2	105915.0	-0829.9
2813	9.2	95202.7	-0829.4	2903	9.8	101455.2	-0818.5	2993	9.8	103753.3	-0837.0	3083	9.3	105915.2	-0844.5
2814	9.2	95210.1	-0831.9	2904	9.0	101512.0	-0811.0	2994	9.9	103813.4	-0807.3	3084	9.4	105925.8	-0802.1
2815	9.7	95211.3	-0806.2	2905	9.8	101513.2	-0824.4	2995	9.2	103819.1	-0820.3	3085	9.6	110020.9	-0854.7
2816	9.8	95246.1	-0854.7	2906	7.0	101530.0	-0840.0	2996	9.1	103832.8	-0839.3	3086	9.1	110037.0	-0839.7
2817	9.5	95247.3	-0828.5	2907	9.0	101558.6	-0857.5	2997	8.2	103855.6	-0857.2	3087	10.	110106.7	-0855.1
2818	9.6	95256.8	-0829.6	2908	9.9	101603.6	-0827.1	2998	9.4	103920.5	-0802.1	3088	9.4	110120.6	-0800.6
2819	9.8	95300.1	-0852.5	2909	9.3	101624.6	-0804.9	2999	7.8	103934.9	-0837.8	3089	10.	110126.5	-0800.3
2820	9.8	95323.4	-0813.3	2910	9.6	101647.1	-0845.0	3000	9.0	103958.7	-0815.7	3090	9.8	110136.2	-0852.9
2821	8.3	95324.0	-0855.0	2911	9.8	101717.9	-0833.1	3001	9.1	104003.1	-0855.9	3091	9.0	110201.8	-0802.0
2822	9.5	95336.7	-0842.3	2912	10.	101754.3	-0807.5	3002	9.5	104008.7	-0816.2	3092	9.0	110233.8	-0844.5
2823	9.1	95341.6	-0849.6	2913	10.	101758.3	-0832.3	3003	8.5	104026.1	-0844.3	3093	9.1	110241.4	-0834.9
2824	9.7	95344.3	-0827.7	2914	9.7	101806.9	-0854.0	3004	9.2	104029.2	-0813.9	3094	7.7	110310.2	-0814.1
2825	9.4	95429.4	-0840.1	2915	9.8	101810.7	-0833.5	3005	9.0	104041.2	-0816.3	3095	8.0	110315.4	-0837.8
2826	9.7	95512.4	-0856.2	2916	9.5	101824.7	-0851.4	3006	8.6	104046.9	-0848.0	3096	10.	110341.6	-0848.0
2827	9.9	95519.0	-0844.6	2917	9.5	101905.2	-0823.5	3007	9.8	104104.9	-0802.6	3097	9.5	110341.6	-0850.1
2828	9.4	95520.0	-0832.5	2918	9.4	101908.7	-0800.4	3008	9.2	104131.1	-0805.9	3098	9.5	110356.1	-0857.9
2829	9.9	95525.9	-0856.6	2919	9.8	101921.0	-0853.3	3009	9.5	104135.6	-0839.5	3099	8.7	110405.4	-0834.2
2830	9.2	95527.1	-0805.6	2920	9.5	101930.3	-0822.1	3010	7.3	104141.2	-0820.0	3100	9.8	110419.1	-0848.0
2831	9.8	95541.8	-0818.6	2921	9.8	101930.6	-0808.2	3011	9.3	104152.1	-0811.1	3101	7.5	110454.2	-0841.7
2832	9.3	95555.1	-0832.7	2922	9.6	101933.1	-0817.9	3012	9.4	104158.8	-0807.9	3102	9.0	110518.1	-0856.3
2833	8.0	95556.0	-0811.0	2923	8.7	101951.3	-0828.9	3013	9.7	104200.2	-0805.0	3103	9.8	110538.2	-0821.3
2834	8.4	95600.4	-0851.2	2924	9.0	102000.4	-0808.0	3014	9.0	104219.7	-0815.7	3104	9.1	110542.0	-0832.1
2835	9.1	95613.5	-0802.9	2925	8.5	102005.6	-0824.2	3015	9.6	104221.9	-0818.2	3105	9.7	110542.5	-0854.4

-08 3106 11h06m

-08 3465 12h52m

3106	9.5	110601.0	-0810.6	3196	9.5	112736.2	-0808.2	3286	10.	115853.9	-0851.3	3376	9.8	122743.9	-0828.9
3107	9.4	110625.8	-0813.2	3197	8.3	112751.8	-0827.7	3287	9.8	115854.3	-0834.5	3377	9.4	122747.7	-0823.3
3108	9.5	110626.0	-0843.7	3198	9.5	112838.0	-0837.8	3288	8.0	115918.3	-0836.3	3378	9.0	122757.2	-0828.3
3109	9.5	110630.7	-0833.3	3199	8.8	112857.7	-0808.8	3289	9.6	120005.5	-0825.7	3379	9.6	122820.8	-0839.6
3110	9.8	110711.5	-0841.1	3200	9.4	112910.2	-0841.0	3290	9.5	120206.6	-0851.3	3380	8.8	122823.6	-0815.7
3111	9.3	110713.6	-0821.5	3201	7.0	112919.2	-0830.5	3291	9.1	120210.9	-0800.8	3381	9.7	122828.2	-0834.9
3112	9.5	110725.8	-0840.2	3202	4.4	112919.4	-0859.9	3292	9.5	120249.5	-0854.7	3382	9.4	122837.5	-0802.5
3113	9.8	110730.9	-0801.7	3203	8.5	112930.3	-0807.0	3293	8.8	120259.6	-0843.4	3383	9.4	122847.5	-0849.0
3114	8.7	110746.1	-0819.2	3204	9.5	112957.8	-0849.0	3294	8.0	120315.7	-0835.8	3384	9.8	122909.3	-0854.8
3115	9.4	110805.3	-0800.2	3205	9.1	113012.7	-0802.8	3295	7.5	120321.7	-0835.1	3385	9.9	122931.2	-0835.4
3116	9.4	110817.1	-0811.4	3206	9.7	113055.6	-0838.0	3296	9.0	120405.1	-0849.9	3386	10.	122959.5	-0846.0
3117	9.5	110827.5	-0807.4	3207	10.	113058.0	-0826.9	3297	9.5	120414.5	-0854.7	3387	8.4	123000.8	-0851.5
3118	10.	110835.2	-0847.0	3208	10.	113101.6	-0836.8	3298	9.5	120429.0	-0840.0	3388	9.8	123041.9	-0818.4
3119	7.5	110843.5	-0806.4	3209	10.	113109.5	-0821.4	3299	9.7	120542.5	-0803.1	3389	9.8	123042.7	-0831.3
3120	9.5	110855.3	-0809.7	3210	9.4	113144.6	-0846.2	3300	9.2	120547.1	-0810.5	3390	9.4	123053.4	-0826.1
3121	9.4	110925.6	-0811.3	3211	7.2	113216.9	-0839.8	3301	8.0	120554.9	-0816.3	3391	10.	123055.8	-0852.7
3122	9.8	110926.7	-0825.6	3212	9.5	113247.2	-0830.0	3302	9.2	120556.3	-0840.6	3392	10.	123057.7	-0855.6
3123	9.4	110958.1	-0812.0	3213	8.5	113326.6	-0802.4	3303	7.8	120611.4	-0842.1	3393	10.	123058.5	-0818.6
3124	8.8	110959.0	-0808.7	3214	9.5	113345.0	-0824.0	3304	8.8	120635.6	-0837.6	3394	9.9	123156.8	-0849.5
3125	9.2	111008.1	-0839.6	3215	9.5	113352.6	-0852.4	3305	9.5	120637.6	-0818.5	3395	9.5	123213.5	-0809.4
3126	9.6	111015.3	-0836.2	3216	9.8	113416.2	-0830.2	3306	7.8	120643.0	-0853.9	3396	9.5	123228.6	-0835.1
3127	10.	111049.5	-0857.0	3217	7.0	113424.1	-0815.9	3307	9.8	120650.9	-0857.2	3397	9.7	123235.6	-0821.1
3128	9.4	111059.2	-0832.9	3218	9.5	113425.4	-0809.9	3308	8.0	120711.2	-0810.8	3398	9.9	123311.0	-0829.6
3129	9.7	111114.7	-0844.5	3219	10.	113431.2	-0843.2	3309	9.7	120739.5	-0827.1	3399	9.0	123320.7	-0858.6
3130	9.4	111117.9	-0818.9	3220	9.9	113442.6	-0856.4	3310	9.6	120743.3	-0838.6	3400	9.5	123332.4	-0825.1
3131	9.8	111120.9	-0805.0	3221	9.2	113514.3	-0841.5	3311	8.8	120829.5	-0824.2	3401	9.6	123339.1	-0827.0
3132	9.4	111126.9	-0809.8	3222	9.5	113524.0	-0825.5	3312	9.0	120913.9	-0819.3	3402	9.4	123351.0	-0810.4
3133	9.8	111141.9	-0808.7	3223	9.9	113525.4	-0808.1	3313	9.8	120947.1	-0817.3	3403	9.0	123405.6	-0859.9
3134	9.1	111158.1	-0828.1	3224	8.2	113526.9	-0832.1	3314	9.5	120952.9	-0849.4	3404	9.3	123408.1	-0831.6
3135	9.4	111222.0	-0817.2	3225	7.2	113535.2	-0819.3	3315	8.2	121012.4	-0853.8	3405	9.2	123418.7	-0806.3
3136	9.4	111240.9	-0806.0	3226	9.2	113537.9	-0806.0	3316	7.5	121105.1	-0805.5	3406	9.9	123432.1	-0837.0
3137	9.8	111251.7	-0856.1	3227	9.5	113559.5	-0859.4	3317	9.5	121116.5	-0850.0	3407	9.2	123435.6	-0857.8
3138	8.5	111252.7	-0804.2	3228	8.9	113611.5	-0822.5	3318	9.4	121122.9	-0858.5	3408	10.	123447.8	-0835.7
3139	8.9	111256.5	-0827.3	3229	6.5	113631.7	-0819.5	3319	9.5	121124.2	-0848.9	3409	8.8	123524.3	-0840.9
3140	9.6	111301.6	-0849.5	3230	9.5	113706.6	-0821.3	3320	9.0	121131.0	-0813.0	3410	9.5	123550.5	-0818.5
3141	8.3	111315.2	-0853.8	3231	9.5	113715.8	-0840.6	3321	8.8	121133.1	-0833.8	3411	9.1	123609.0	-0802.0
3142	9.8	111316.5	-0820.6	3232	8.8	113721.1	-0821.4	3322	9.5	121150.7	-0802.2	3412	9.2	123616.9	-0816.7
3143	10.	111323.1	-0815.9	3233	9.7	113728.5	-0817.7	3323	7.0	121152.8	-0806.3	3413	7.5	123617.7	-0858.7
3144	9.8	111331.9	-0850.9	3234	9.1	113811.2	-0836.7	3324	9.3	121204.6	-0815.0	3414	10.	123628.8	-0831.7
3145	9.6	111340.3	-0826.8	3235	9.5	113829.9	-0850.0	3325	9.6	121206.4	-0807.0	3415	9.2	123629.2	-0858.3
3146	10.	111342.9	-0800.8	3236	9.2	113840.6	-0827.1	3326	9.5	121219.7	-0829.3	3416	9.5	123703.8	-0827.6
3147	9.4	111346.4	-0844.9	3237	9.4	113853.8	-0802.1	3327	10.	121240.9	-0852.7	3417	9.8	123735.8	-0849.9
3148	9.7	111407.9	-0832.0	3238	9.1	113941.1	-0821.3	3328	9.5	121252.3	-0815.0	3418	9.8	123739.3	-0842.0
3149	9.3	111409.9	-0817.8	3239	9.7	113945.2	-0836.9	3329	9.0	121253.9	-0812.3	3419	9.5	123742.7	-0835.5
3150	9.5	111413.4	-0851.8	3240	9.3	114031.0	-0815.9	3330	9.4	121314.2	-0849.6	3420	9.5	123809.0	-0815.3
3151	9.5	111420.8	-0801.8	3241	7.3	114053.9	-0804.2	3331	8.9	121340.9	-0810.8	3421	9.5	123823.4	-0825.8
3152	9.5	111425.3	-0802.9	3242	7.8	114108.2	-0834.1	3332	7.7	121345.9	-0844.8	3422	9.3	123826.5	-0839.7
3153	9.8	111432.4	-0851.1	3243	7.5	114139.6	-0818.8	3333	8.6	121408.5	-0835.5	3423	8.0	123828.2	-0830.7
3154	6.5	111508.5	-0802.8	3244	8.7	114145.8	-0802.4	3334	9.1	121445.2	-0804.2	3424	7.3	123935.4	-0825.0
3155	9.9	111508.9	-0851.9	3245	9.2	114258.4	-0823.0	3335	9.2	121505.8	-0853.4	3425	8.5	124029.0	-0822.4
3156	9.8	111544.8	-0859.3	3246	9.3	114312.1	-0835.8	3336	9.0	121520.8	-0857.8	3426	8.7	124030.5	-0821.1
3157	9.0	111610.6	-0827.4	3247	7.8	114320.5	-0835.6	3337	9.4	121544.4	-0821.5	3427	9.0	124104.1	-0858.8
3158	9.4	111625.1	-0836.5	3248	9.2	114323.1	-0840.1	3338	7.2	121546.3	-0858.2	3428	9.8	124113.6	-0843.7
3159	9.8	111628.3	-0851.0	3249	7.5	114339.5	-0828.0	3339	9.2	121619.3	-0851.8	3429	7.3	124128.7	-0825.4
3160	9.5	111643.1	-0837.4	3250	9.8	114416.0	-0807.5	3340	9.3	121631.0	-0826.2	3430	9.3	124129.7	-0853.9
3161	10.	111703.8	-0840.3	3251	9.5	114430.8	-0828.4	3341	10.	121713.7	-0859.8	3431	9.7	124201.1	-0802.3
3162	9.5	111723.8	-0806.7	3252	9.3	114451.4	-0823.0	3342	9.5	121730.3	-0802.3	3432	9.8	124226.4	-0817.0
3163	9.5	111728.8	-0858.2	3253	9.4	114518.0	-0827.5	3343	9.4	121733.4	-0827.1	3433	9.2	124240.7	-0814.4
3164	8.6	111732.0	-0847.1	3254	9.2	114519.4	-0808.7	3344	10.	121804.2	-0846.0	3434	9.4	124331.3	-0854.8
3165	9.3	111742.4	-0813.6	3255	8.2	114711.3	-0854.7	3345	9.1	121906.8	-0819.0	3435	9.5	124341.2	-0826.6
3166	9.5	111756.9	-0822.0	3256	8.5	114728.0	-0836.1	3346	8.9	121908.8	-0849.8	3436	9.0	124344.0	-0824.5
3167	9.9	111805.9	-0817.0	3257	9.1	114752.1	-0846.7	3347	8.5	121922.1	-0849.9	3437	9.5	124404.3	-0858.9
3168	9.5	111809.7	-0858.2	3258	9.1	114834.0	-0839.6	3348	7.8	121931.6	-0801.3	3438	9.5	124431.5	-0812.0
3169	9.1	111822.5	-0830.3	3259	9.8	114852.9	-0821.9	3349	9.5	121940.8	-0836.3	3439	9.2	124433.2	-0834.3
3170	9.3	111859.0	-0842.7	3260	9.2	114907.0	-0845.2	3350	9.5	121953.7	-0853.0	3440	9.0	124436.4	-0854.3
3171	9.0	111920.4	-0825.1	3261	9.5	114917.8	-0815.2	3351	9.9	121955.1	-0850.9	3441	9.5	124501.7	-0821.2
3172	9.3	111932.1	-0802.4	3262	9.5	114920.9	-0844.1	3352	9.2	122005.4	-0835.1	3442	9.5	124533.4	-0819.4
3173	7.9	111955.9	-0804.3	3263	9.4	114922.8	-0811.4	3353	9.5	122007.4	-0855.1	3443	9.1	124533.7	-0826.1
3174	9.8	111957.3	-0852.8	3264	9.1	114941.9	-0837.0	3354	9.8	122026.9	-0840.7	3444	9.7	124536.6	-0805.3
3175	9.5	112006.3	-0831.6	3265	8.9	115025.6	-0810.6	3355	9.5	122115.8	-0845.8	3445	7.5	124605.7	-0816.5
3176	9.5	112012.6	-0839.8	3266	9.5	115043.8	-0851.3	3356	9.1	122122.7	-0852.3	3446	8.8	124609.9	-0849.7
3177	9.6	112020.5	-0804.0	3267	8.5	115130.6	-0830.3	3357	9.7	122152.0	-0829.8	3447	9.5	124622.0	-0859.0
3178	9.3	112030.8	-0815.5	3268	9.3	115144.0	-0807.3	3358	9.5	122154.6	-0855.1	3448	9.4	124624.1	-0808.6
3179	9.8	112059.9	-0804.3	3269	9.9	115157.4	-0825.8	3359	9.3	122234.0	-0806.3	3449	5.3	124648.4	-0844.8
3180	9.1	112247.7	-0833.9	3270	9.6	115202.9	-0832.5	3360	9.7	122245.8	-0846.2	3450	9.8	124708.3	-0809.9
3181	9.0	112313.1	-0802.2	3271	8.9	115214.3	-0806.0	3361	9.8	122300.8	-0857.0	3451	8.3	124728.2	-0823.1
3182	9.5	112333.7	-0852.8	3272	9.6	115220.8	-0845.9	3362	9.1	122318.9	-0835.8	3452	9.8	124804.1	-0817.2
3183	9.6	112352.4	-0807.4	3273	9.5	115307.9	-0837.1	3363	8.2	122334.6	-0819.0	3453	10.	124820.4	-0805.0
3184	10.	112448.1	-0850.4	3274	9.4	115311.3	-0815.0	3364	8.7	122340.7	-0841.2	3454	9.7	124821.3	-0844.8
3185	9.5	112515.8	-0839.2	3275	9.4	115328.2	-0809.6	3365	9.8	122349.5	-0859.1	3455	10.	124858.2	-0826.6
3186	8.2	112523.6	-0808.8	3276	9.5	115443.8	-0819.0	3366	7.0	122356.3	-0822.6	3456	6.8	124947.0	-0807.7
3187	9.6	112528.7	-0849.1	3277	9.5	115513.2	-0842.6	3367	9.8	122438.0	-0856.4	3457	7.5	124955.1	-0858.6
3188	8.8	112558.4	-0844.5	3278	9.1	115607.3	-0821.9	3368	10.	122439.9	-0850.6	3458	9.5	125014.0	-0837.4
3189	9.5	112601.3	-0811.5	3279	9.0	115649.1	-0852.7	3369	9.1	122501.8	-0835.1	3459	9.4	125040.0	-0814.7
3190	8.7	112604.4	-0819.6	3280	8.7	115653.5	-0832.9	3370	9.6	122550.8	-0836.0	3460	9.4	125043.5	-0817.3
3191	9.9	112641.7	-0801.5	3281	8.2	115740.7	-0829.8	3371	9.7	122603.3	-0847.5	3461	9.5	125050.1	-0827.3
3192	8.8	112646.8	-0816.9	3282	9.0	115749.7	-0832.9	3372	5.3	122617.8	-0838.9	3462	10.	125126.8	-0812.4
3193	9.5	112701.2	-0815.9	3283	9.2	115758.3	-0835.9	3373	8.8	122639.2	-0802.9	3463	9.5	125204.4	-0825.5
3194	9.2	112711.3	-0831.5	3284	9.5	115804.2	-0815.6	3374	8.7	122655.4	-0848.1	3464	9.3	125207.5	-0808.5
3195	9.2	112723.2	-0808.1	3285	9.5	115831.7	-0803.8	3375	9.1	122704.4	-0807.8	3465	9.3	125249.9	-0833.2

3466	7.5	125257.3	-0818.9	3556	9.7	131831.4	-0845.3	3646	9.8	134302.4	-0849.2	3736	9.3	140839.0	-0846.1
3467	9.4	125305.0	-0812.6	3557	9.5	131844.1	-0815.3	3647	9.5	134306.3	-0855.0	3737	6.0	140907.1	-0812.3
3468	8.9	125312.1	-0837.4	3558	9.5	131911.8	-0853.8	3648	9.2	134327.7	-0836.8	3738	9.3	140931.8	-0815.0
3469	9.7	125332.9	-0851.4	3559	8.7	131954.1	-0826.4	3649	9.4	134354.7	-0847.3	3739	9.2	140939.6	-0848.4
3470	8.9	125357.2	-0840.4	3560	10.	132003.2	-0800.3	3650	9.8	134359.8	-0800.5	3740	6.5	140940.0	-0820.2
3471	8.5	125407.2	-0851.2	3561	10.	132021.1	-0816.8	3651	9.5	134418.1	-0813.2	3741	9.5	140946.2	-0840.5
3472	9.5	125422.2	-0820.1	3562	8.0	132051.6	-0859.4	3652	9.5	134425.3	-0800.9	3742	9.5	140958.5	-0837.1
3473	9.2	125442.7	-0842.2	3563	9.4	132103.3	-0833.4	3653	9.5	134439.2	-0822.0	3743	9.4	141000.8	-0805.5
3474	9.5	125506.7	-0844.3	3564	9.5	132107.2	-0824.9	3654	9.5	134443.2	-0800.5	3744	9.1	141005.4	-0818.5
3475	9.2	125509.0	-0813.9	3565	9.8	132120.9	-0811.6	3655	9.5	134507.4	-0804.6	3745	9.8	141036.5	-0830.7
3476	10.	125513.1	-0808.5	3566	8.7	132144.9	-0801.9	3656	9.8	134529.2	-0801.4	3746	9.7	141037.9	-0842.0
3477	8.9	125519.4	-0813.5	3567	9.5	132155.5	-0836.2	3657	8.8	134615.8	-0807.6	3747	9.1	141049.0	-0821.1
3478	9.6	125533.6	-0855.9	3568	9.2	132212.3	-0845.0	3658	9.1	134616.1	-0847.6	3748	8.7	141049.7	-0844.4
3479	9.5	125535.0	-0811.6	3569	9.4	132221.3	-0845.1	3659	9.5	134635.7	-0833.0	3749	9.6	141053.9	-0805.2
3480	9.5	125543.1	-0856.6	3570	8.8	132258.0	-0849.1	3660	9.2	134712.4	-0804.0	3750	8.7	141115.0	-0829.3
3481	9.5	125545.9	-0805.5	3571	9.8	132309.7	-0811.7	3661	8.8	134727.8	-0851.5	3751	10.	141120.7	-0818.3
3482	9.8	125645.0	-0857.5	3572	8.7	132310.2	-0801.4	3662	9.4	134734.8	-0853.3	3752	9.4	141146.8	-0826.0
3483	9.2	125701.5	-0802.3	3573	9.3	132315.4	-0802.2	3663	9.5	134743.1	-0809.1	3753	9.5	141203.5	-0838.9
3484	9.7	125722.1	-0808.2	3574	8.5	132316.5	-0856.6	3664	7.5	134752.3	-0848.7	3754	9.7	141203.8	-0841.5
3485	9.8	125744.0	-0827.4	3575	9.9	132328.5	-0854.8	3665	10.	134754.1	-0813.2	3755	9.5	141216.4	-0836.5
3486	9.5	125805.5	-0835.7	3576	7.5	132346.5	-0821.5	3666	9.5	134804.3	-0842.2	3756	9.4	141221.9	-0833.0
3487	9.8	125901.5	-0858.5	3577	9.0	132416.3	-0839.5	3667	6.2	134808.0	-0850.8	3757	8.7	141233.4	-0801.0
3488	9.1	125907.1	-0847.9	3578	9.3	132435.0	-0824.0	3668	9.6	134810.9	-0808.4	3758	9.5	141236.0	-0808.0
3489	10.	125920.2	-0801.6	3579	9.5	132500.0	-0806.6	3669	9.6	134857.3	-0850.5	3759	9.2	141326.6	-0848.4
3490	10.	125954.0	-0810.5	3580	9.0	132509.4	-0825.3	3670	9.2	134904.6	-0836.8	3760	9.2	141352.4	-0846.2
3491	5.5	130058.9	-0812.2	3581	9.3	132551.9	-0813.1	3671	9.5	134913.1	-0821.7	3761	8.8	141405.7	-0800.6
3492	9.4	130105.3	-0823.7	3582	9.1	132602.6	-0845.2	3672	8.5	135033.0	-0820.8	3762	9.5	141414.9	-0837.1
3493	9.5	130120.6	-0840.9	3583	9.8	132634.9	-0855.6	3673	9.0	135101.6	-0830.6	3763	9.5	141421.3	-0804.2
3494	9.5	130126.9	-0836.4	3584	7.8	132704.5	-0821.9	3674	9.2	135115.2	-0841.0	3764	9.5	141452.4	-0823.9
3495	7.0	130140.7	-0845.8	3585	9.5	132713.4	-0820.0	3675	8.8	135203.3	-0856.3	3765	9.3	141521.9	-0816.7
3496	10.	130140.9	-0832.5	3586	8.7	132717.4	-0817.3	3676	9.0	135219.6	-0836.6	3766	9.3	141539.5	-0847.4
3497	9.3	130155.8	-0849.5	3587	9.5	132723.6	-0856.0	3677	10.	135302.1	-0836.4	3767	9.7	141559.6	-0817.6
3498	9.8	130234.5	-0848.6	3588	10.	132724.7	-0846.9	3678	9.0	135330.6	-0832.6	3768	10.	141621.3	-0805.7
3499	9.8	130253.8	-0857.0	3589	8.4	132739.3	-0809.8	3679	9.3	135358.4	-0817.7	3769	9.3	141627.3	-0856.0
3500	9.0	130324.3	-0808.9	3590	9.5	132757.1	-0832.1	3680	9.0	135408.9	-0802.4	3770	9.1	141638.3	-0802.0
3501	9.5	130335.0	-0810.1	3591	9.6	132807.4	-0815.6	3681	10.	135433.1	-0857.9	3771	9.1	141656.3	-0800.0
3502	8.7	130344.3	-0848.8	3592	9.5	132811.5	-0803.4	3682	9.8	135448.0	-0830.9	3772	9.5	141700.5	-0806.1
3503	9.5	130405.4	-0824.2	3593	9.1	132817.8	-0808.7	3683	9.2	135454.3	-0806.8	3773	9.5	141712.0	-0857.3
3504	9.5	130410.4	-0805.2	3594	9.3	132832.0	-0848.4	3684	10.	135515.5	-0833.1	3774	9.3	141712.4	-0832.5
3505	9.8	130428.8	-0842.7	3595	9.5	132837.9	-0817.0	3685	8.5	135519.1	-0848.4	3775	9.3	141725.3	-0831.3
3506	9.4	130429.4	-0838.9	3596	9.8	132905.0	-0829.6	3686	9.4	135606.9	-0819.5	3776	10.	141730.8	-0853.0
3507	10.	130444.1	-0804.7	3597	9.7	132908.3	-0843.0	3687	9.5	135625.9	-0822.0	3777	9.5	141748.3	-0835.7
3508	8.5	130539.7	-0809.9	3598	9.5	132914.6	-0859.8	3688	8.0	135639.1	-0849.9	3778	9.1	141804.4	-0825.3
3509	10.	130600.4	-0857.4	3599	9.6	132924.0	-0800.1	3689	6.5	135641.0	-0833.2	3779	9.3	141832.4	-0816.8
3510	9.5	130611.7	-0843.3	3600	9.5	132950.0	-0800.8	3690	9.2	135701.2	-0803.3	3780	10.	141854.1	-0825.7
3511	9.5	130614.2	-0801.8	3601	9.2	133035.1	-0859.8	3691	8.8	135708.1	-0853.9	3781	8.7	142027.1	-0806.3
3512	9.4	130625.9	-0802.3	3602	8.7	133042.6	-0821.1	3692	30.0	135712.0	-0830.0	3782	9.1	142053.8	-0816.6
3513	9.8	130654.8	-0830.1	3603	9.6	133045.6	-0842.2	3693	8.0	135731.4	-0821.1	3783	9.5	142059.1	-0853.2
3514	9.7	130708.8	-0847.4	3604	8.7	133056.5	-0825.5	3694	9.5	135800.5	-0831.8	3784	9.5	142118.1	-0848.3
3515	9.2	130717.8	-0826.3	3605	9.3	133127.0	-0802.8	3695	9.9	135811.5	-0837.9	3785	9.5	142206.2	-0814.5
3516	9.5	130745.9	-0845.2	3606	9.5	133141.3	-0817.5	3696	6.8	135837.3	-0811.8	3786	9.5	142256.3	-0823.1
3517	10.	130800.7	-0839.7	3607	9.3	133143.4	-0840.7	3697	5.0	135903.0	-0837.0	3787	9.8	142256.7	-0845.1
3518	9.3	130822.6	-0851.6	3608	8.0	133144.5	-0836.3	3698	9.8	135908.4	-0834.3	3788	9.5	142305.2	-0817.1
3519	9.2	130834.2	-0803.1	3609	9.5	133208.8	-0820.9	3699	9.5	135933.9	-0815.6	3789	9.5	142310.9	-0825.5
3520	10.	130839.9	-0852.9	3610	8.5	133216.0	-0832.3	3700	9.5	135944.9	-0808.9	3790	9.7	142311.8	-0828.9
3521	9.5	130857.3	-0811.9	3611	9.0	133242.9	-0833.5	3701	9.7	135946.1	-0849.9	3791	9.4	142358.3	-0809.7
3522	9.5	130923.7	-0808.7	3612	9.1	133319.9	-0823.1	3702	9.5	135950.1	-0854.4	3792	9.3	142418.2	-0816.5
3523	9.5	130928.8	-0831.1	3613	9.5	133339.0	-0827.2	3703	9.7	135955.1	-0848.4	3793	9.3	142448.4	-0826.5
3524	9.0	131003.2	-0853.6	3614	9.3	133354.7	-0805.1	3704	9.4	140045.6	-0820.7	3794	9.7	142453.9	-0847.7
3525	9.0	131008.2	-0818.1	3615	9.1	133356.8	-0804.8	3705	8.5	140057.2	-0810.2	3795	9.0	142611.9	-0851.3
3526	9.1	131020.5	-0801.2	3616	9.5	133412.4	-0828.6	3706	9.5	140125.9	-0821.3	3796	9.5	142624.0	-0845.3
3527	8.8	131043.7	-0848.8	3617	9.5	133417.9	-0828.7	3707	9.3	140126.4	-0813.8	3797	9.0	142717.7	-0810.7
3528	9.7	131045.5	-0854.3	3618	8.7	133418.6	-0856.1	3708	9.5	140134.1	-0854.9	3798	8.7	142723.6	-0840.1
3529	9.5	131055.2	-0840.1	3619	9.4	133427.5	-0834.5	3709	9.3	140151.2	-0807.8	3799	7.8	142732.8	-0827.2
3530	9.3	131121.5	-0840.0	3620	8.2	133429.0	-0822.3	3710	9.4	140201.2	-0854.9	3800	9.5	142736.0	-0859.7
3531	10.	131128.7	-0850.5	3621	9.0	133520.6	-0853.2	3711	9.7	140211.3	-0817.2	3801	8.8	142737.1	-0816.5
3532	10.	131130.6	-0848.1	3622	9.5	133529.4	-0808.1	3712	10.	140225.0	-0838.7	3802	9.7	142758.6	-0807.0
3533	8.8	131135.6	-0823.5	3623	9.0	133533.3	-0827.9	3713	10.	140226.0	-0826.2	3803	9.0	142800.9	-0857.6
3534	9.8	131137.1	-0816.0	3624	9.0	133605.5	-0844.3	3714	10.	140226.9	-0807.9	3804	9.1	142819.8	-0849.9
3535	9.8	131151.8	-0824.7	3625	9.5	133635.5	-0840.9	3715	9.3	140239.1	-0809.1	3805	7.5	142833.5	-0858.3
3536	8.3	131212.7	-0820.4	3626	9.0	133638.0	-0859.9	3716	9.5	140309.6	-0852.9	3806	9.0	142851.2	-0820.2
3537	8.5	131247.2	-0817.5	3627	9.4	133656.4	-0844.6	3717	9.6	140327.4	-0802.4	3807	9.0	142855.2	-0832.8
3538	9.8	131303.2	-0839.8	3628	8.8	133659.3	-0836.3	3718	9.5	140345.6	-0846.0	3808	8.8	142913.4	-0818.5
3539	9.7	131402.5	-0840.2	3629	9.5	133700.4	-0828.6	3719	9.2	140358.7	-0826.4	3809	9.1	142933.7	-0823.0
3540	8.3	131431.7	-0817.8	3630	9.8	133705.3	-0802.1	3720	9.5	140411.5	-0858.6	3810	8.4	143022.8	-0802.4
3541	9.5	131439.3	-0836.0	3631	9.9	133718.3	-0807.7	3721	9.3	140415.5	-0844.5	3811	9.9	143038.9	-0857.7
3542	9.4	131509.4	-0804.0	3632	9.6	133756.2	-0813.2	3722	9.4	140422.5	-0804.9	3812	9.5	143143.1	-0818.9
3543	9.3	131510.4	-0833.3	3633	8.3	133758.5	-0851.9	3723	10.	140546.3	-0818.5	3813	9.0	143320.9	-0852.6
3544	8.3	131549.7	-0838.5	3634	9.7	133816.4	-0821.9	3724	8.6	140548.0	-0818.7	3814	9.5	143327.4	-0859.7
3545	9.5	131553.1	-0818.3	3635	9.5	133836.7	-0820.1	3725	8.9	140557.1	-0827.4	3815	9.5	143340.5	-0810.0
3546	9.8	131627.2	-0840.5	3636	9.1	133838.6	-0814.8	3726	9.5	140605.6	-0837.8	3816	9.0	143358.7	-0833.1
3547	9.8	131627.6	-0808.1	3637	9.5	133906.7	-0821.1	3727	9.5	140608.6	-0827.4	3817	9.8	143504.2	-0819.3
3548	9.8	131633.4	-0800.2	3638	9.6	133917.3	-0804.0	3728	9.6	140638.0	-0844.8	3818	9.4	143507.8	-0838.3
3549	10.	131657.2	-0818.0	3639	6.3	133933.9	-0859.0	3729	9.0	140652.8	-0855.2	3819	9.8	143514.4	-0852.4
3550	7.2	131739.2	-0801.5	3640	9.5	133942.7	-0805.0	3730	10.	140654.9	-0857.6	3820	8.5	143525.4	-0843.2
3551	9.8	131741.6	-0803.7	3641	8.9	134020.9	-0803.9	3731	10.	140655.0	-0844.7	3821	9.0	143538.2	-0830.5
3552	10.	131741.8	-0859.9	3642	8.9	134108.7	-0850.6	3732	9.0	140813.1	-0809.0	3822	9.5	143550.5	-0809.6
3553	9.7	131749.9	-0858.1	3643	9.3	134118.8	-0826.2	3733	8.5	140816.3	-0842.1	3823	9.1	143623.9	-0803.0
3554	9.5	131815.9	-0847.2	3644	9.0	134157.7	-0828.2	3734	10.	140825.8	-0820.6	3824	9.2	143627.7	-0837.2
3555	9.5	131826.2	-0820.8	3645	9.2	134221.1	-0822.7	3735	9.4	140827.9	-0825.0	3825	7.8	143636.3	-0851.9

3826	9.0	143715.2	-0831.1	3916	9.7	150237.5	-0805.5	4006	9.8	152532.6	-0807.8	4096	9.5	154438.3	-0857.7
3827	8.8	143721.6	-0818.7	3917	9.8	150321.7	-0847.2	4007	8.0	152555.3	-0856.2	4097	9.5	154513.6	-0804.9
3828	9.5	143724.6	-0823.8	3918	7.8	150404.9	-0817.2	4008	9.1	152600.5	-0800.3	4098	9.8	154514.2	-0815.0
3829	8.3	143735.1	-0835.9	3919	9.6	150438.9	-0842.9	4009	9.2	152632.5	-0828.3	4099	9.8	154527.1	-0806.6
3830	9.4	143822.0	-0812.0	3920	9.5	150458.4	-0817.2	4010	5.5	152636.3	-0841.3	4100	9.0	154531.7	-0809.9
3831	9.8	143858.8	-0856.0	3921	10.	150548.8	-0823.1	4011	10.	152647.8	-0855.0	4101	9.5	154613.2	-0858.9
3832	9.5	143909.0	-0827.7	3922	9.0	150558.9	-0804.1	4012	9.4	152703.0	-0837.8	4102	9.6	154624.7	-0807.5
3833	9.0	143929.6	-0827.4	3923	7.4	150608.5	-0856.6	4013	9.1	152703.8	-0852.3	4103	9.8	154625.7	-0825.8
3834	9.4	144012.9	-0802.3	3924	8.8	150616.9	-0813.3	4014	9.6	152730.1	-0802.9	4104	8.3	154631.6	-0808.8
3835	9.8	144044.0	-0849.5	3925	9.1	150620.5	-0801.0	4015	10.	152744.6	-0811.3	4105	9.0	154741.1	-0826.2
3836	8.4	144047.6	-0832.8	3926	9.7	150633.3	-0834.8	4016	9.8	152745.4	-0800.0	4106	7.0	154752.6	-0812.6
3837	10.	144118.0	-0841.5	3927	8.9	150634.1	-0818.0	4017	9.5	152758.3	-0804.2	4107	10.	154804.3	-0842.2
3838	9.3	144132.2	-0832.8	3928	9.2	150645.3	-0810.2	4018	8.7	152801.0	-0828.8	4108	9.8	154831.5	-0845.0
3839	9.3	144137.6	-0823.8	3929	9.8	150702.8	-0832.7	4019	10.	152803.9	-0845.0	4109	9.3	154846.2	-0828.1
3840	9.6	144147.8	-0802.3	3930	9.8	150704.6	-0817.7	4020	10.	152830.7	-0840.5	4110	9.3	154916.0	-0830.5
3841	7.2	144201.4	-0835.9	3931	9.8	150742.8	-0826.5	4021	9.4	152835.0	-0819.2	4111	8.8	154923.3	-0852.2
3842	9.9	144203.7	-0801.3	3932	9.8	150759.5	-0856.5	4022	9.4	152858.1	-0805.2	4112	9.8	154925.5	-0829.1
3843	9.0	144218.7	-0820.6	3933	9.5	150815.8	-0803.8	4023	8.8	152905.0	-0804.9	4113	9.4	154927.1	-0808.4
3844	9.4	144221.6	-0825.4	3934	7.8	150848.8	-0840.1	4024	9.3	152909.5	-0841.9	4114	9.0	154937.0	-0806.7
3845	9.0	144223.8	-0849.9	3935	2.0	150912.4	-0850.5	4025	9.0	152934.2	-0846.2	4115	9.5	155002.0	-0815.0
3846	8.7	144306.6	-0818.8	3936	9.9	150923.3	-0823.8	4026	9.5	152946.5	-0844.8	4116	9.4	155012.7	-0800.8
3847	8.7	144330.5	-0822.7	3937	8.7	150930.1	-0805.3	4027	8.3	152948.3	-0833.6	4117	8.8	155014.1	-0816.6
3848	9.6	144336.0	-0824.0	3938	9.4	150952.1	-0842.2	4028	9.5	152950.1	-0813.7	4118	9.6	155028.5	-0818.8
3849	9.4	144452.9	-0827.1	3939	9.8	150955.8	-0807.0	4029	9.8	153022.8	-0849.0	4119	8.4	155042.0	-0834.7
3850	9.5	144459.9	-0824.2	3940	9.8	151003.3	-0814.8	4030	9.0	153031.6	-0816.3	4120	10.	155058.5	-0847.7
3851	8.0	144508.7	-0805.7	3941	10.	151043.1	-0843.1	4031	7.0	153050.8	-0818.8	4121	8.9	155104.7	-0804.0
3852	9.8	144540.1	-0857.1	3942	9.8	151043.3	-0807.1	4032	8.0	153050.8	-0819.2	4122	9.5	155110.6	-0817.0
3853	9.6	144544.5	-0816.9	3943	10.	151106.2	-0840.4	4033	9.4	153058.5	-0831.1	4123	8.5	155125.5	-0820.2
3854	8.6	144601.0	-0833.7	3944	9.9	151118.1	-0844.5	4034	9.4	153103.5	-0834.7	4124	9.0	155126.3	-0817.0
3855	7.3	144605.5	-0829.0	3945	9.0	151119.4	-0850.9	4035	9.8	153117.3	-0850.9	4125	10.	155200.4	-0856.8
3856	9.4	144616.2	-0842.6	3946	9.1	151128.5	-0859.5	4036	8.7	153117.9	-0805.5	4126	9.8	155213.5	-0818.5
3857	9.7	144655.1	-0852.6	3947	7.0	151133.5	-0836.4	4037	9.5	153133.8	-0848.1	4127	9.8	155223.6	-0805.2
3858	9.0	144723.5	-0829.5	3948	9.8	151154.2	-0824.8	4038	9.5	153141.7	-0813.7	4128	9.5	155316.9	-0849.8
3859	9.5	144724.9	-0807.7	3949	7.8	151211.8	-0807.2	4039	8.5	153144.0	-0830.0	4129	9.5	155322.4	-0852.1
3860	8.0	144738.5	-0853.0	3950	9.1	151212.9	-0806.3	4040	9.8	153155.7	-0857.2	4130	9.8	155323.5	-0802.1
3861	9.1	144801.9	-0827.1	3951	9.4	151249.3	-0849.7	4041	9.7	153156.8	-0811.9	4131	9.8	155327.6	-0810.4
3862	9.3	144832.6	-0804.7	3952	9.8	151254.0	-0857.9	4042	9.7	153156.8	-0810.1	4132	9.6	155338.9	-0857.9
3863	8.3	144848.0	-0820.7	3953	8.0	151328.5	-0816.8	4043	9.5	153217.0	-0820.8	4133	9.2	155352.0	-0816.2
3864	9.5	144918.5	-0835.6	3954	9.2	151328.7	-0809.5	4044	9.0	153220.0	-0827.5	4134	9.2	155404.7	-0801.7
3865	9.5	144948.0	-0854.5	3955	9.6	151337.6	-0846.3	4045	9.8	153233.2	-0850.8	4135	9.5	155442.5	-0809.7
3866	9.8	144951.2	-0825.6	3956	8.3	151352.8	-0807.9	4046	7.8	153246.4	-0837.6	4136	8.0	155452.7	-0805.5
3867	10.	145003.4	-0859.6	3957	9.3	151359.4	-0844.2	4047	9.5	153253.2	-0842.2	4137	9.5	155459.6	-0815.8
3868	9.7	145004.2	-0858.1	3958	9.1	151403.0	-0849.0	4048	9.6	153254.0	-0817.7	4138	9.0	155517.5	-0802.7
3869	10.	145010.5	-0817.4	3959	9.8	151407.6	-0832.5	4049	8.2	153305.9	-0830.9	4139	8.9	155518.5	-0822.2
3870	9.7	145014.3	-0817.0	3960	9.5	151436.7	-0839.9	4050	8.2	153311.5	-0815.9	4140	8.0	155527.0	-0804.3
3871	9.0	145026.9	-0805.8	3961	9.6	151454.2	-0826.6	4051	9.3	153358.5	-0806.4	4141	9.7	155602.7	-0800.0
3872	9.4	145032.9	-0806.6	3962	8.8	151505.2	-0836.0	4052	8.3	153359.2	-0810.2	4142	9.5	155631.0	-0827.5
3873	9.5	145046.0	-0856.8	3963	9.1	151513.3	-0820.7	4053	9.5	153411.3	-0843.6	4143	9.0	155632.1	-0816.5
3874	9.4	145047.5	-0851.2	3964	10.	151553.2	-0816.5	4054	9.4	153415.8	-0843.8	4144	8.5	155637.5	-0827.2
3875	7.3	145049.6	-0807.9	3965	9.2	151630.1	-0843.0	4055	9.8	153424.5	-0827.8	4145	9.2	155646.3	-0852.2
3876	9.7	145049.8	-0815.1	3966	9.4	151653.8	-0805.7	4056	9.8	153453.7	-0808.4	4146	10.	155657.5	-0816.6
3877	9.2	145054.9	-0808.8	3967	10.	151707.6	-0803.5	4057	10.	153503.8	-0838.2	4147	9.3	155658.6	-0841.2
3878	9.5	145101.9	-0810.4	3968	8.9	151712.2	-0851.5	4058	8.7	153520.5	-0840.1	4148	9.6	155702.7	-0847.8
3879	8.7	145102.1	-0827.8	3969	10.	151758.3	-0848.9	4059	9.5	153528.4	-0805.6	4149	10.	155708.5	-0822.3
3880	9.6	145103.7	-0807.6	3970	9.4	151829.3	-0849.1	4060	7.5	153554.4	-0851.1	4150	9.0	155709.8	-0823.2
3881	9.1	145108.9	-0828.6	3971	9.5	151831.7	-0835.6	4061	9.5	153603.0	-0819.8	4151	9.7	155729.0	-0836.2
3882	8.8	145149.6	-0825.6	3972	9.0	151906.6	-0839.3	4062	9.5	153610.2	-0859.9	4152	9.8	155740.8	-0849.8
3883	9.7	145153.6	-0819.5	3973	9.4	151909.4	-0849.8	4063	9.8	153638.2	-0827.0	4153	8.0	155810.0	-0822.2
3884	8.3	145236.9	-0833.3	3974	9.1	151913.9	-0805.4	4064	10.	153639.5	-0801.7	4154	9.8	155823.7	-0838.0
3885	9.6	145246.0	-0847.8	3975	9.5	151927.3	-0840.6	4065	8.5	153640.1	-0846.0	4155	9.5	155835.4	-0823.3
3886	9.4	145246.8	-0825.0	3976	9.8	151935.1	-0841.6	4066	9.7	153708.2	-0812.1	4156	9.7	155836.9	-0800.5
3887	9.6	145311.3	-0809.4	3977	9.0	151940.3	-0858.7	4067	9.7	153714.3	-0847.3	4157	9.0	155838.0	-0807.5
3888	10.	145315.2	-0848.9	3978	9.8	151950.7	-0809.4	4068	9.6	153755.8	-0835.6	4158	9.7	155841.3	-0849.9
3889	10.	145320.7	-0846.6	3979	7.5	151951.1	-0825.9	4069	9.1	153802.8	-0834.4	4159	9.4	155852.9	-0842.9
3890	9.2	145334.0	-0809.1	3980	9.8	152001.5	-0803.8	4070	9.1	153804.2	-0854.0	4160	9.3	155904.0	-0809.6
3891	10.	145334.6	-0826.6	3981	7.0	152019.9	-0849.5	4071	9.9	153837.2	-0843.3	4161	9.8	155937.4	-0827.3
3892	9.4	145354.7	-0826.8	3982	9.4	152021.6	-0801.2	4072	8.6	153838.6	-0820.0	4162	9.3	155946.7	-0856.3
3893	9.3	145423.5	-0820.6	3983	8.0	152022.2	-0850.2	4073	8.9	153843.7	-0813.3	4163	9.3	155952.4	-0812.8
3894	9.2	145430.0	-0824.2	3984	10.	152033.1	-0851.5	4074	10.	153846.5	-0857.5	4164	9.6	160047.7	-0847.5
3895	9.2	145459.4	-0833.3	3985	8.3	152038.6	-0839.1	4075	9.0	153903.3	-0859.0	4165	8.5	160050.4	-0822.3
3896	9.6	145509.8	-0813.9	3986	7.8	152050.4	-0814.5	4076	9.9	153903.9	-0805.5	4166	8.9	160058.9	-0812.1
3897	8.5	145602.0	-0843.9	3987	9.1	152132.2	-0801.5	4077	10.	153915.0	-0850.7	4167	9.4	160115.7	-0828.9
3898	9.2	145612.8	-0851.0	3988	9.5	152139.6	-0824.5	4078	9.5	153921.0	-0802.5	4168	9.2	160127.9	-0834.7
3899	9.8	145630.9	-0835.1	3989	9.8	152155.1	-0824.1	4079	8.9	153930.1	-0827.9	4169	9.5	160150.0	-0815.3
3900	9.0	145640.7	-0826.2	3990	9.4	152203.7	-0808.3	4080	9.8	154005.1	-0834.1	4170	8.7	160156.5	-0849.3
3901	9.0	145706.0	-0814.7	3991	9.9	152209.3	-0845.0	4081	10.	154025.7	-0827.8	4171	9.7	160225.0	-0839.1
3902	9.4	145753.1	-0859.1	3992	9.2	152255.4	-0826.2	4082	9.5	154036.2	-0813.1	4172	10.	160225.2	-0817.3
3903	9.3	145755.0	-0833.1	3993	9.5	152255.9	-0848.4	4083	9.5	154104.2	-0846.2	4173	9.8	160301.9	-0823.8
3904	9.4	145812.6	-0805.7	3994	9.8	152258.2	-0819.0	4084	8.5	154115.1	-0848.1	4174	9.8	160341.0	-0853.1
3905	8.3	145817.1	-0858.2	3995	9.5	152309.7	-0820.7	4085	9.4	154117.2	-0806.0	4175	9.5	160342.4	-0811.5
3906	8.5	145913.4	-0812.5	3996	9.9	152334.3	-0844.1	4086	9.5	154134.1	-0810.6	4176	9.1	160344.5	-0807.3
3907	9.4	145919.5	-0809.6	3997	9.9	152340.6	-0828.0	4087	9.3	154157.5	-0835.5	4177	9.6	160349.7	-0831.2
3908	8.2	145922.9	-0821.9	3998	8.9	152418.6	-0831.9	4088	8.9	154203.1	-0801.5	4178	9.7	160409.5	-0845.1
3909	9.3	150045.9	-0806.5	3999	9.4	152434.8	-0802.3	4089	8.5	154215.8	-0859.1	4179	9.5	160412.9	-0835.2
3910	9.2	150047.9	-0807.3	4000	9.8	152445.3	-0854.7	4090	9.3	154237.1	-0838.4	4180	5.0	160416.0	-0810.1
3911	9.4	150055.6	-0856.5	4001	10.	152451.3	-0857.4	4091	10.	154252.4	-0851.3	4181	9.5	160437.4	-0825.4
3912	9.8	150104.8	-0803.3	4002	9.4	152510.1	-0808.9	4092	8.9	154304.6	-0835.1	4182	9.3	160438.4	-0823.2
3913	9.0	150147.3	-0829.0	4003	9.2	152512.3	-0839.8	4093	9.9	154322.6	-0815.2	4183	9.9	160444.9	-0848.7
3914	9.5	150210.9	-0838.4	4004	9.5	152515.0	-0830.7	4094	8.4	154326.4	-0854.1	4184	9.8	160447.4	-0851.9
3915	9.9	150222.7	-0854.8	4005	9.4	152515.8	-0833.0	4095	9.8	154426.9	-0855.0	4185	9.0	160503.7	-0813.6

4186	9.4	160514.3	-0803.0	4276	9.4	162925.6	-0804.0	4366	8.5	165101.4	-0823.5	4456	9.1	172509.9	-0838.4
4187	9.5	160545.0	-0816.5	4277	9.5	162928.0	-0821.6	4367	9.5	165114.6	-0853.8	4457	9.5	172610.3	-0812.5
4188	8.0	160551.6	-0849.5	4278	9.1	162956.9	-0826.2	4368	10.	165128.0	-0833.6	4458	9.5	172614.4	-0831.0
4189	9.0	160610.9	-0825.0	4279	9.1	163022.7	-0853.2	4369	9.8	165234.4	-0845.5	4459	9.0	172645.1	-0852.2
4190	10.	160629.1	-0844.8	4280	9.7	163039.3	-0802.3	4370	9.8	165241.4	-0821.5	4460	9.5	172702.3	-0840.8
4191	9.5	160719.3	-0803.3	4281	9.8	163053.9	-0806.7	4371	9.8	165331.3	-0827.7	4461	9.3	172717.2	-0801.7
4192	9.5	160720.3	-0805.3	4282	6.8	163055.0	-0819.3	4372	9.3	165340.9	-0847.4	4462	9.4	172718.3	-0842.8
4193	9.1	160729.8	-0857.8	4283	9.0	163108.3	-0830.1	4373	9.3	165345.4	-0827.7	4463	9.3	172744.6	-0840.4
4194	9.7	160746.3	-0844.5	4284	9.8	163130.9	-0814.5	4374	8.4	165402.1	-0843.7	4464	9.1	172752.5	-0811.7
4195	9.7	160812.6	-0818.8	4285	9.4	163204.1	-0808.5	4375	9.8	165429.9	-0821.4	4465	9.1	172829.5	-0857.8
4196	9.5	160832.6	-0827.2	4286	10.	163223.8	-0804.0	4376	9.3	165434.9	-0818.0	4466	9.1	172901.5	-0856.1
4197	8.7	160855.3	-0803.8	4287	7.0	163304.9	-0801.4	4377	9.4	165437.9	-0823.8	4467	9.3	172908.9	-0835.9
4198	9.0	160907.7	-0859.8	4288	9.6	163317.5	-0842.2	4378	9.5	165441.5	-0831.0	4468	8.8	172911.5	-0818.1
4199	9.6	160924.1	-0824.9	4289	9.5	163319.9	-0829.1	4379	8.7	165511.5	-0803.0	4469	8.7	172923.8	-0837.6
4200	9.7	160929.7	-0859.2	4290	9.9	163325.4	-0807.0	4380	8.5	165519.1	-0848.4	4470	9.7	172931.4	-0853.7
4201	9.5	161006.0	-0825.0	4291	10.	163411.6	-0837.6	4381	9.8	165540.7	-0841.6	4471	9.2	172954.5	-0819.9
4202	9.2	161008.1	-0816.3	4292	9.3	163420.2	-0830.2	4382	9.5	165618.2	-0815.9	4472	4.8	172957.5	-0801.4
4203	9.8	161034.4	-0843.3	4293	10.	163433.6	-0838.8	4383	9.5	165659.9	-0818.6	4473	7.4	173005.1	-0856.5
4204	9.8	161040.1	-0821.3	4294	8.0	163507.9	-0840.6	4384	9.7	165706.8	-0847.6	4474	9.8	173011.9	-0850.4
4205	8.2	161100.1	-0843.0	4295	9.8	163512.2	-0821.9	4385	9.1	165820.8	-0843.1	4475	8.4	173016.5	-0802.5
4206	9.5	161111.1	-0806.2	4296	9.0	163522.2	-0829.2	4386	8.8	165837.7	-0820.1	4476	8.9	173019.7	-0800.8
4207	9.3	161153.7	-0813.4	4297	9.3	163538.7	-0812.3	4387	9.0	165919.2	-0823.7	4477	9.4	173026.9	-0832.1
4208	9.5	161155.8	-0851.2	4298	9.6	163553.8	-0802.4	4388	9.5	165933.8	-0801.2	4478	9.0	173032.5	-0811.9
4209	9.0	161212.9	-0839.5	4299	9.5	163626.3	-0801.1	4389	9.2	170001.5	-0835.0	4479	8.5	173041.6	-0845.1
4210	9.6	161215.6	-0814.4	4300	9.5	163652.7	-0820.6	4390	9.4	170015.6	-0808.8	4480	9.2	173113.5	-0840.4
4211	9.5	161236.0	-0830.5	4301	9.3	163701.6	-0840.2	4391	9.0	170042.5	-0830.5	4481	9.7	173131.8	-0851.6
4212	9.8	161306.6	-0843.6	4302	9.5	163702.5	-0823.7	4392	7.8	170206.8	-0819.7	4482	9.0	173206.1	-0835.9
4213	9.2	161326.1	-0839.6	4303	9.9	163741.7	-0834.4	4393	9.8	170251.4	-0824.5	4483	9.3	173215.7	-0826.3
4214	10.	161328.1	-0819.0	4304	9.3	163748.8	-0843.1	4394	8.2	170340.5	-0837.6	4484	8.4	173227.0	-0800.5
4215	9.6	161358.1	-0805.2	4305	8.5	163757.2	-0811.8	4395	9.0	170352.6	-0815.9	4485	9.5	173305.2	-0842.9
4216	7.0	161425.5	-0823.4	4306	9.6	163813.7	-0818.8	4396	9.5	170430.4	-0805.4	4486	9.5	173407.6	-0844.4
4217	9.7	161446.4	-0805.8	4307	9.0	163828.4	-0846.0	4397	9.8	170433.6	-0848.3	4487	9.5	173432.1	-0828.1
4218	9.7	161447.8	-0802.0	4308	9.5	163839.9	-0859.2	4398	9.7	170445.6	-0858.4	4488	9.8	173439.2	-0840.5
4219	9.5	161501.8	-0844.5	4309	9.5	163846.7	-0836.6	4399	9.0	170610.0	-0842.9	4489	8.6	173527.0	-0856.2
4220	9.2	161514.2	-0806.6	4310	9.8	163855.7	-0838.4	4400	7.8	170616.1	-0813.7	4490	9.3	173603.8	-0817.0
4221	9.6	161520.4	-0844.1	4311	9.5	163856.5	-0800.2	4401	9.5	170646.9	-0844.9	4491	9.6	173610.7	-0846.2
4222	8.0	161531.5	-0838.5	4312	9.6	163914.2	-0811.9	4402	10.	170707.1	-0824.8	4492	9.4	173628.1	-0814.7
4223	9.2	161544.1	-0821.6	4313	9.7	163918.8	-0845.5	4403	9.3	170719.5	-0826.9	4493	8.9	173641.8	-0842.6
4224	9.6	161546.0	-0825.0	4314	9.5	163949.6	-0836.0	4404	9.6	170739.9	-0847.2	4494	10.	173734.4	-0815.0
4225	9.6	161602.7	-0817.3	4315	9.0	163955.7	-0854.9	4405	9.3	170740.6	-0812.9	4495	9.4	173823.6	-0809.1
4226	9.7	161614.9	-0850.4	4316	9.5	164020.1	-0858.7	4406	8.4	170755.5	-0830.0	4496	9.4	173836.5	-0830.6
4227	8.6	161615.3	-0845.6	4317	9.8	164028.7	-0840.5	4407	9.4	170801.5	-0823.6	4497	9.3	173859.0	-0830.0
4228	9.8	161631.4	-0840.5	4318	9.5	164031.2	-0815.3	4408	9.8	170823.6	-0813.8	4498	8.5	173916.1	-0801.0
4229	9.8	161637.0	-0849.2	4319	9.7	164041.1	-0856.4	4409	9.4	170830.6	-0849.2	4499	8.8	173917.4	-0830.3
4230	9.8	161758.6	-0817.3	4320	7.4	164105.8	-0840.2	4410	9.3	170842.0	-0819.0	4500	9.5	173926.7	-0845.6
4231	9.9	161759.7	-0811.7	4321	9.5	164114.2	-0814.1	4411	9.5	170851.0	-0841.5	4501	9.2	173930.8	-0842.9
4232	9.0	161820.2	-0854.3	4322	9.6	164115.4	-0840.9	4412	9.5	170945.5	-0836.1	4502	9.5	173956.8	-0848.3
4233	9.6	161847.0	-0833.6	4323	8.8	164124.1	-0848.4	4413	9.4	170950.0	-0830.5	4503	9.0	174021.2	-0834.8
4234	8.0	161848.5	-0823.5	4324	9.5	164137.2	-0835.5	4414	9.5	170955.7	-0842.7	4504	9.5	174030.5	-0823.1
4235	9.1	161902.6	-0834.4	4325	9.4	164156.7	-0822.7	4415	8.7	171001.1	-0810.5	4505	9.2	174112.6	-0824.1
4236	9.9	161902.7	-0831.0	4326	9.8	164206.7	-0823.2	4416	9.8	171003.0	-0823.6	4506	8.8	174132.9	-0846.2
4237	9.8	161904.0	-0826.2	4327	9.6	164220.3	-0817.9	4417	8.7	171014.6	-0808.9	4507	10.	174150.1	-0858.3
4238	10.	161911.9	-0835.3	4328	8.5	164239.2	-0828.6	4418	9.2	171027.4	-0849.1	4508	9.7	174157.3	-0846.7
4239	9.6	161916.1	-0841.0	4329	9.1	164251.7	-0828.9	4419	9.8	171027.5	-0858.7	4509	9.0	174203.4	-0857.8
4240	9.5	161932.2	-0808.5	4330	9.2	164301.6	-0843.0	4420	9.4	171040.6	-0808.3	4510	9.4	174228.0	-0800.1
4241	9.0	161937.6	-0814.5	4331	8.3	164304.2	-0821.0	4421	9.1	171106.6	-0812.8	4511	9.8	174239.2	-0855.6
4242	9.9	161951.1	-0840.3	4332	9.3	164316.1	-0844.6	4422	9.1	171108.8	-0859.2	4512	10.	174305.7	-0824.9
4243	5.2	161958.2	-0802.0	4333	9.3	164338.2	-0811.5	4423	9.5	171118.7	-0857.6	4513	8.9	174315.5	-0817.3
4244	9.5	162027.9	-0838.4	4334	9.8	164404.4	-0814.1	4424	9.5	171134.4	-0836.4	4514	9.3	174321.0	-0830.3
4245	9.3	162033.9	-0826.1	4335	9.3	164406.1	-0829.3	4425	9.5	171226.5	-0820.5	4515	9.1	174409.8	-0830.0
4246	9.1	162042.0	-0821.0	4336	9.8	164406.8	-0845.4	4426	9.4	171237.7	-0858.5	4516	9.8	174441.4	-0841.8
4247	10.	162054.0	-0801.7	4337	7.8	164406.9	-0836.7	4427	9.0	171245.9	-0845.4	4517	8.3	174510.8	-0849.4
4248	9.9	162103.8	-0816.9	4338	9.4	164412.7	-0811.0	4428	8.9	171248.6	-0815.0	4518	9.6	174523.6	-0841.0
4249	9.3	162153.1	-0808.9	4339	9.3	164423.2	-0804.7	4429	8.5	171253.3	-0853.1	4519	9.8	174527.4	-0855.6
4250	8.5	162247.1	-0808.9	4340	9.5	164427.6	-0827.7	4430	9.4	171341.1	-0810.2	4520	7.5	174539.3	-0840.4
4251	8.5	162256.3	-0847.0	4341	10.	164513.1	-0832.2	4431	9.5	171358.7	-0856.4	4521	9.0	174542.6	-0843.7
4252	8.8	162257.5	-0810.7	4342	9.0	164515.3	-0808.9	4432	9.3	171405.6	-0821.4	4522	9.7	174557.4	-0852.3
4253	9.8	162342.6	-0846.1	4343	8.6	164522.0	-0804.9	4433	9.8	171453.1	-0800.9	4523	9.9	174617.8	-0831.4
4254	9.7	162420.0	-0803.9	4344	9.4	164539.6	-0836.0	4434	9.6	171539.5	-0820.3	4524	9.5	174629.2	-0819.6
4255	9.8	162436.4	-0856.1	4345	9.7	164543.5	-0829.9	4435	9.6	171655.9	-0842.9	4525	9.3	174737.1	-0859.4
4256	9.6	162452.1	-0810.8	4346	8.2	164553.5	-0843.8	4436	8.4	171657.1	-0802.3	4526	10.	174740.6	-0854.4
4257	8.5	162524.9	-0828.2	4347	8.5	164616.9	-0802.6	4437	6.8	171731.4	-0841.7	4527	9.2	174744.5	-0859.9
4258	9.2	162524.9	-0801.6	4348	8.0	164718.7	-0807.9	4438	7.5	171757.0	-0832.1	4528	9.1	174829.3	-0843.3
4259	9.0	162528.0	-0820.6	4349	9.8	164720.3	-0804.1	4439	9.8	171803.1	-0846.0	4529	8.2	174846.7	-0859.2
4260	9.5	162610.7	-0856.8	4350	9.4	164724.7	-0802.2	4440	9.0	171846.5	-0833.7	4530	9.4	174905.6	-0834.0
4261	10.	162631.3	-0843.0	4351	9.7	164732.3	-0840.5	4441	9.7	171856.0	-0820.6	4531	7.7	174917.0	-0802.5
4262	9.6	162647.4	-0843.9	4352	8.8	164743.6	-0804.3	4442	9.0	171943.0	-0825.0	4532	9.4	175014.1	-0850.6
4263	9.9	162706.6	-0812.6	4353	9.1	164745.2	-0856.8	4443	10.	172002.6	-0851.5	4533	9.4	175015.2	-0847.8
4264	9.3	162727.4	-0828.3	4354	9.0	164747.4	-0842.5	4444	6.2	172010.4	-0804.5	4534	7.5	175044.2	-0829.9
4265	8.5	162806.9	-0826.9	4355	9.4	164818.2	-0844.6	4445	8.8	172020.9	-0832.1	4535	8.1	175053.8	-0842.8
4266	9.1	162813.3	-0835.9	4356	8.0	164820.2	-0850.4	4446	9.5	172153.3	-0811.8	4536	8.7	175058.7	-0855.2
4267	9.4	162816.7	-0807.2	4357	9.0	164823.3	-0818.5	4447	8.3	172206.5	-0818.1	4537	9.5	175112.3	-0847.5
4268	9.6	162824.6	-0847.9	4358	10.	164838.0	-0820.9	4448	8.4	172226.7	-0845.3	4538	8.8	175130.5	-0819.0
4269	9.8	162830.8	-0837.4	4359	9.4	164853.8	-0847.9	4449	9.4	172241.7	-0839.9	4539	9.3	175139.6	-0819.1
4270	6.8	162838.9	-0832.9	4360	9.0	164923.9	-0809.1	4450	8.9	172301.5	-0810.5	4540	9.4	175214.5	-0816.5
4271	9.5	162844.2	-0848.8	4361	9.5	164926.4	-0824.1	4451	9.5	172324.9	-0832.6	4541	9.8	175245.3	-0857.3
4272	9.4	162848.1	-0828.3	4362	9.0	164938.8	-0848.8	4452	9.4	172411.0	-0808.6	4542	8.9	175301.6	-0828.1
4273	9.6	162850.7	-0840.7	4363	9.4	164947.1	-0834.1	4453	8.3	172424.0	-0821.6	4543	9.2	175304.3	-0841.8
4274	8.5	162902.8	-0835.4	4364	9.7	164959.5	-0858.6	4454	9.4	172437.5	-0818.4	4544	9.6	175325.7	-0843.7
4275	9.6	162907.0	-0843.5	4365	9.0	165004.3	-0835.2	4455	9.5	172507.6	-0856.1	4545	9.5	175336.3	-0833.4

4546	9.8	175339.8	-0856.6	4636	9.4	182658.6	-0844.4	4726	7.1	184227.8	-0804.1	4816	9.2	185342.3	-0811.5
4547	8.8	175444.6	-0845.2	4637	9.5	182703.9	-0802.8	4727	9.8	184235.7	-0838.9	4817	10.	185348.9	-0838.8
4548	7.3	175510.3	-0820.2	4638	4.2	182719.0	-0820.4	4728	9.5	184239.6	-0848.7	4818	9.8	185357.9	-0834.5
4549	4.8	175511.4	-0810.3	4639	8.5	182736.3	-0848.2	4729	8.8	184253.4	-0809.2	4819	9.7	185405.3	-0955.4
4550	8.3	175523.9	-0814.3	4640	9.2	182742.1	-0846.4	4730	9.5	184301.6	-0841.1	4820	8.1	185408.1	-0811.1
4551	8.9	175607.5	-0851.1	4641	9.1	182745.4	-0823.5	4731	9.2	184307.2	-0814.3	4821	8.8	185417.2	-0838.6
4552	10.	175621.7	-0845.7	4642	9.4	182802.8	-0828.7	4732	8.2	184320.1	-0805.9	4822	9.4	185420.8	-0816.4
4553	9.5	175626.8	-0840.6	4643	9.8	182806.4	-0811.5	4733	7.2	184320.9	-0810.4	4823	9.7	185420.9	-0826.8
4554	9.0	175702.6	-0844.7	4644	9.6	182815.2	-0818.5	4734	9.8	184323.4	-0854.7	4824	9.5	185438.5	-0835.4
4555	9.4	175759.2	-0854.1	4645	9.5	182825.8	-0859.3	4735	9.4	184336.0	-0800.0	4825	9.5	185509.7	-0839.0
4556	7.2	175807.7	-0807.4	4646	9.7	182829.4	-0817.3	4736	9.0	184345.2	-0834.2	4826	9.3	185547.1	-0847.1
4557	9.1	175812.7	-0804.0	4647	9.5	182832.3	-0815.3	4737	9.2	184408.2	-0837.4	4827	9.3	185555.6	-0810.3
4558	6.1	175813.6	-0819.8	4648	9.5	182834.0	-0833.0	4738	9.8	184415.7	-0825.8	4828	9.7	185612.8	-0845.3
4559	9.6	175836.5	-0810.7	4649	10.	182838.2	-0817.3	4739	9.4	184420.5	-0804.0	4829	9.3	185613.5	-0846.3
4560	9.8	175837.1	-0803.1	4650	9.5	182840.5	-0822.4	4740	8.8	184424.2	-0857.0	4830	9.8	185616.2	-0812.8
4561	9.5	175903.4	-0809.0	4651	9.1	182841.9	-0839.5	4741	9.0	184428.2	-0830.5	4831	8.8	185616.7	-0822.2
4562	9.0	180004.1	-0859.7	4652	9.2	182846.8	-0817.7	4742	9.4	184448.4	-0841.4	4832	9.0	185617.3	-0836.5
4563	8.9	180116.8	-0818.2	4653	9.7	182847.3	-0825.8	4743	9.4	184448.6	-0817.3	4833	8.5	185619.0	-0846.8
4564	9.0	180131.5	-0819.1	4654	9.7	182851.7	-0817.0	4744	9.6	184450.5	-0836.9	4834	9.5	185624.7	-0831.4
4565	9.1	180139.7	-0809.5	4655	10.	182855.2	-0820.2	4745	20.0	184510.0	-0852.1	4835	8.6	185641.9	-0855.4
4566	7.9	180146.3	-0847.7	4656	9.0	182921.4	-0847.2	4746	10.	184512.3	-0845.1	4836	7.0	185655.1	-0851.8
4567	9.8	180148.6	-0826.5	4657	9.5	182936.7	-0855.8	4747	9.6	184514.7	-0801.4	4837	7.3	185701.8	-0820.1
4568	9.1	180200.5	-0833.3	4658	9.0	182944.8	-0832.7	4748	9.0	184526.2	-0851.0	4838	9.8	185710.9	-0849.1
4569	9.3	180227.9	-0844.9	4659	9.5	182945.3	-0827.7	4749	8.9	184534.2	-0844.8	4839	9.2	185716.8	-0828.2
4570	9.6	180245.0	-0854.5	4660	8.7	182945.7	-0849.5	4750	9.5	184542.1	-0830.2	4840	8.7	185737.0	-0836.6
4571	7.0	180406.3	-0845.4	4661	8.8	182953.8	-0851.9	4751	9.0	184543.2	-0811.3	4841	9.1	185741.7	-0844.8
4572	9.5	180541.2	-0807.7	4662	9.8	182958.3	-0859.4	4752	9.8	184550.5	-0805.8	4842	9.8	185748.3	-0847.6
4573	9.0	180623.8	-0843.9	4663	9.1	183009.2	-0829.3	4753	10.	184613.9	-0809.5	4843	9.8	185756.1	-0854.3
4574	8.5	180629.6	-0824.7	4664	9.5	183016.8	-0850.7	4754	9.0	184619.2	-0809.2	4844	9.8	185757.7	-0837.6
4575	9.5	180711.0	-0850.1	4665	8.6	183031.6	-0843.8	4755	9.7	184625.4	-0817.6	4845	9.1	185835.1	-0859.1
4576	9.6	180719.7	-0851.5	4666	9.4	183032.5	-0831.0	4756	9.0	184626.1	-0831.0	4846	9.5	185838.0	-0856.3
4577	9.4	180721.9	-0853.0	4667	9.8	183039.8	-0852.0	4757	9.7	184630.9	-0820.0	4847	9.5	185844.6	-0842.5
4578	8.0	180736.5	-0831.9	4668	8.5	183122.9	-0836.8	4758	9.8	184643.8	-0819.8	4848	9.8	185905.1	-0805.0
4579	9.5	180744.7	-0850.7	4669	9.4	183151.3	-0854.5	4759	9.5	184653.7	-0844.0	4849	9.1	185909.1	-0856.3
4580	8.8	180819.5	-0823.1	4670	8.8	183212.3	-0820.5	4760	9.5	184655.5	-0822.7	4850	9.8	185909.2	-0849.8
4581	9.5	180829.8	-0803.6	4671	9.4	183221.6	-0812.7	4761	8.5	184710.3	-0859.3	4851	8.9	185909.7	-0804.3
4582	9.4	180858.2	-0843.0	4672	9.4	183240.6	-0811.6	4762	9.8	184716.7	-0855.0	4852	9.3	185920.8	-0851.4
4583	7.2	181013.0	-0841.1	4673	9.3	183249.7	-0823.5	4763	9.0	184720.5	-0846.5	4853	9.5	185935.8	-0835.5
4584	9.2	181029.1	-0802.1	4674	9.1	183251.9	-0806.4	4764	9.5	184733.6	-0821.6	4854	9.5	185939.6	-0844.3
4585	6.5	181212.3	-0802.1	4675	7.8	183253.2	-0850.8	4765	9.5	184752.1	-0820.6	4855	9.8	185946.2	-0809.1
4586	8.6	181213.5	-0836.2	4676	9.0	183312.1	-0817.7	4766	9.2	184752.7	-0823.3	4856	9.8	185950.7	-0821.9
4587	9.5	181241.3	-0856.1	4677	9.0	183315.8	-0827.0	4767	7.2	184757.8	-0858.6	4857	9.1	190007.3	-0815.3
4588	9.0	181255.2	-0856.8	4678	9.8	183320.1	-0829.1	4768	9.4	184803.7	-0815.0	4858	9.0	190008.0	-0859.0
4589	9.2	181256.7	-0828.0	4679	8.8	183336.0	-0839.3	4769	9.8	184812.6	-0832.5	4859	7.0	190010.0	-0804.0
4590	9.7	181256.8	-0845.2	4680	9.1	183345.9	-0811.5	4770	9.4	184813.7	-0815.5	4860	9.5	190013.4	-0858.0
4591	9.5	181318.8	-0821.7	4681	9.5	183400.1	-0844.6	4771	9.1	184816.9	-0805.9	4861	9.4	190054.2	-0800.2
4592	9.4	181319.5	-0847.2	4682	9.5	183413.7	-0800.9	4772	9.2	184823.4	-0840.1	4862	9.5	190054.5	-0831.0
4593	9.3	181333.6	-0820.5	4683	9.5	183502.1	-0807.2	4773	9.0	184834.0	-0825.4	4863	9.5	190124.8	-0825.7
4594	9.5	181410.2	-0859.9	4684	9.5	183520.8	-0844.0	4774	8.3	184847.3	-0844.5	4864	9.5	190129.8	-0836.0
4595	9.8	181421.2	-0354.6	4685	8.9	183522.1	-0858.7	4775	9.5	184848.2	-0808.6	4865	9.3	190137.8	-0841.7
4596	9.8	181428.7	-0847.1	4686	5.5	183537.2	-0825.1	4776	7.6	184850.8	-0836.6	4866	9.7	190141.8	-0843.7
4597	9.2	181527.0	-0814.9	4687	7.5	183540.2	-0830.7	4777	9.6	184903.5	-0838.4	4867	9.5	190152.8	-0837.5
4598	9.8	181631.1	-0811.4	4688	10.	183548.3	-0856.7	4778	9.0	184904.9	-0848.5	4868	9.6	190158.3	-0838.7
4599	7.2	181636.5	-0815.0	4689	9.2	183558.7	-0846.7	4779	9.8	184906.5	-0836.3	4869	9.8	190209.3	-0821.0
4600	9.4	181647.3	-0839.8	4690	9.4	183627.9	-0829.3	4780	9.1	184906.7	-0814.2	4870	9.5	190225.8	-0824.4
4601	9.4	181702.1	-0824.2	4691	9.5	183637.0	-0803.5	4781	9.2	184925.1	-0813.2	4871	9.1	190243.7	-0803.4
4602	9.2	181702.6	-0823.7	4692	9.0	183652.1	-0816.4	4782	9.1	184927.6	-0821.2	4872	8.8	190244.0	-0827.7
4603	9.5	181739.7	-0855.2	4693	9.5	183657.0	-0847.6	4783	9.8	184935.8	-0845.1	4873	9.8	190306.3	-0844.5
4604	9.7	181807.4	-0843.8	4694	9.5	183732.1	-0820.9	4784	9.4	184939.3	-0844.2	4874	9.5	190315.4	-0859.0
4605	7.8	181814.0	-0813.6	4695	8.5	183749.2	-0840.6	4785	9.5	185011.2	-0837.0	4875	9.9	190319.4	-0820.3
4606	7.5	181835.0	-0815.7	4696	9.5	183805.6	-0802.5	4786	9.2	185019.6	-0843.9	4876	9.4	190320.4	-0802.3
4607	9.5	181841.7	-0843.8	4697	9.3	183806.3	-0844.2	4787	9.9	185032.3	-0827.3	4877	9.6	190323.8	-0804.5
4608	9.0	181853.2	-0827.7	4698	9.6	183806.7	-0827.5	4788	9.2	185042.7	-0808.4	4878	9.5	190349.2	-0810.0
4609	9.5	181910.6	-0804.1	4699	9.0	183837.1	-0834.8	4789	9.0	185054.0	-0825.8	4879	9.3	190403.3	-0841.6
4610	9.0	181911.9	-0857.4	4700	9.6	183840.8	-0855.6	4790	9.8	185105.0	-0857.7	4880	9.5	190404.1	-0830.7
4611	6.7	181916.1	-0807.3	4701	7.0	183843.1	-0816.1	4791	9.8	185105.5	-0845.4	4881	9.1	190414.8	-0812.2
4612	9.4	181946.8	-0846.0	4702	8.9	183846.0	-0804.9	4792	9.4	185106.2	-0822.1	4882	9.5	190415.6	-0827.4
4613	9.6	182009.6	-0819.8	4703	9.2	183850.3	-0812.9	4793	9.4	185107.9	-0831.8	4883	9.5	190419.2	-0800.5
4614	9.4	182102.6	-0819.8	4704	9.6	183851.2	-0803.0	4794	9.0	185110.7	-0825.9	4884	9.0	190419.7	-0858.3
4615	9.8	182107.0	-0844.3	4705	9.5	183909.2	-0821.4	4795	8.5	185123.7	-0821.2	4885	8.9	190425.9	-0844.2
4616	9.5	182109.3	-0820.4	4706	9.5	183921.9	-0859.6	4796	10.	185133.9	-0851.2	4886	9.5	190440.0	-0845.4
4617	8.8	182119.7	-0839.0	4707	9.8	183922.5	-0855.7	4797	9.7	185138.3	-0821.3	4887	5.7	190448.8	-0810.0
4618	9.6	182122.9	-0806.7	4708	9.5	183954.8	-0847.2	4798	9.8	185141.2	-0828.0	4888	9.1	190449.3	-0856.5
4619	9.9	182137.7	-0827.3	4709	9.4	183958.6	-0802.4	4799	9.6	185142.6	-0834.3	4889	9.5	190501.8	-0848.8
4620	9.8	182205.5	-0813.8	4710	9.4	184013.1	-0810.3	4800	9.5	185152.5	-0817.4	4890	9.5	190502.8	-0818.7
4621	9.2	182223.2	-0856.3	4711	9.8	184029.3	-0834.2	4801	9.6	185156.8	-0821.0	4891	9.5	190516.5	-0800.5
4622	9.7	182235.8	-0809.8	4712	9.0	184041.9	-0845.6	4802	9.9	185157.8	-0835.5	4892	9.3	190523.8	-0831.4
4623	9.3	182240.4	-0843.8	4713	9.4	184044.8	-0853.0	4803	9.4	185207.7	-0812.2	4893	9.5	190532.4	-0836.3
4624	9.3	182400.7	-0831.7	4714	7.5	184104.9	-0836.9	4804	9.4	185209.4	-0848.0	4894	9.8	190542.6	-0849.4
4625	9.5	182408.4	-0845.7	4715	9.5	184107.3	-0843.1	4805	9.4	185217.3	-0858.6	4895	9.5	190543.2	-0839.0
4626	9.0	182413.7	-0847.2	4716	9.4	184115.2	-0818.6	4806	8.5	185219.7	-0835.5	4896	9.0	190548.8	-0802.3
4627	8.8	182446.9	-0805.8	4717	7.0	184126.0	-0827.9	4807	9.1	185225.8	-0831.2	4897	9.4	190558.7	-0834.6
4628	10.	182509.5	-0851.6	4718	9.8	184137.1	-0849.3	4808	9.4	185237.2	-0830.8	4898	9.4	190559.1	-0841.0
4629	10.	182510.0	-0844.4	4719	9.4	184146.9	-0844.6	4809	8.5	185241.1	-0818.0	4899	9.7	190603.4	-0824.5
4630	9.6	182516.1	-0838.6	4720	9.5	184154.3	-0845.5	4810	8.8	185241.3	-0819.0	4900	6.9	190621.3	-0857.8
4631	7.8	182525.6	-0839.9	4721	8.5	184158.5	-0821.1	4811	9.1	185301.4	-0804.1	4901	9.3	190624.1	-0853.6
4632	9.1	182551.7	-0824.6	4722	10.	184207.9	-0858.8	4812	9.3	185303.7	-0816.0	4902	7.9	190634.4	-0806.5
4633	9.0	182609.5	-0816.8	4723	8.9	184209.5	-0833.1	4813	9.7	185322.1	-0846.4	4903	8.9	190634.6	-0843.8
4634	9.0	182632.5	-0812.3	4724	9.5	184216.4	-0858.5	4814	9.2	185322.4	-0838.6	4904	9.7	190635.4	-0857.7
4635	9.4	182657.6	-0843.2	4725	9.8	184226.1	-0841.1	4815	9.0	185334.3	-0806.8	4905	9.5	190643.6	-0830.5

4906	8.9	190656.6	-0838.5	4996	9.8	192048.5	-0852.7	5086	9.7	193639.0	-0820.8	5176	9.5	194938.9	-0818.3
4907	9.0	190743.3	-0852.3	4997	9.9	192130.8	-0855.8	5087	9.8	193641.0	-0855.5	5177	9.5	194955.5	-0844.4
4908	9.7	190746.3	-0843.8	4998	10.	192131.6	-0829.5	5088	9.8	193645.8	-0828.0	5178	8.5	195022.4	-0824.6
4909	9.4	190749.1	-0849.0	4999	10.	192135.7	-0838.7	5089	9.4	193651.3	-0842.2	5179	9.5	195026.6	-0846.0
4910	9.7	190756.0	-0840.6	5000	9.4	192136.5	-0826.2	5090	9.1	193656.7	-0839.7	5180	9.5	195028.8	-0830.7
4911	9.2	190807.3	-0802.1	5001	9.5	192144.2	-0811.7	5091	9.4	193658.6	-0802.0	5181	9.3	195046.5	-0843.8
4912	7.5	190822.1	-0856.3	5002	8.7	192157.1	-0819.0	5092	9.8	193702.0	-0846.9	5182	9.0	195058.9	-0838.9
4913	9.1	190833.5	-0830.3	5003	8.6	192206.3	-0833.0	5093	9.2	193704.1	-0854.7	5183	9.4	195110.0	-0804.6
4914	9.5	190845.0	-0819.3	5004	9.3	192206.8	-0804.3	5094	9.0	193708.9	-0803.7	5184	9.5	195118.7	-0859.9
4915	9.4	190846.4	-0848.3	5005	9.4	192208.3	-0802.7	5095	8.2	193710.6	-0859.1	5185	9.1	195122.3	-0805.6
4916	9.5	190849.0	-0823.4	5006	9.1	192215.1	-0849.1	5096	8.5	193714.8	-0817.2	5186	7.8	195134.4	-0828.7
4917	9.1	190906.0	-0807.1	5007	9.0	192243.5	-0844.1	5097	9.6	193805.0	-0841.3	5187	9.9	195141.7	-0846.1
4918	9.5	190918.6	-0808.5	5008	7.6	192250.1	-0829.0	5098	9.0	193812.6	-0845.1	5188	9.8	195146.4	-0814.8
4919	9.5	190923.8	-0806.7	5009	9.0	192311.0	-0813.5	5099	9.7	193822.6	-0840.6	5189	9.5	195158.9	-0826.1
4920	9.2	190951.9	-0822.0	5010	10.	192311.6	-0840.9	5100	10.	193822.6	-0855.6	5190	9.8	195202.4	-0815.2
4921	9.2	191005.0	-0828.7	5011	9.7	192316.2	-0837.2	5101	9.6	193836.8	-0835.6	5191	9.4	195233.6	-0854.5
4922	9.4	191012.0	-0856.0	5012	9.5	192329.9	-0809.2	5102	9.2	193911.5	-0820.3	5192	9.7	195234.5	-0842.6
4923	9.5	191018.6	-0808.5	5013	8.9	192332.8	-0847.4	5103	7.8	193917.2	-0830.4	5193	9.9	195244.8	-0831.8
4924	9.5	191022.0	-0856.0	5014	9.4	192339.1	-0828.5	5104	9.5	193953.3	-0844.5	5194	9.4	195255.9	-0831.1
4925	10.	191023.4	-0843.2	5015	9.8	192341.7	-0806.0	5105	9.9	194015.2	-0824.8	5195	9.1	195300.6	-0812.8
4926	9.5	191024.3	-0810.0	5016	9.4	192350.6	-0817.0	5106	9.4	194020.3	-0815.2	5196	9.0	195304.8	-0849.6
4927	9.9	191026.4	-0845.0	5017	9.6	192359.4	-0858.8	5107	9.8	194022.3	-0855.4	5197	9.8	195307.4	-0839.2
4928	10.	191039.6	-0801.5	5018	9.7	192438.1	-0858.7	5108	9.7	194032.3	-0842.8	5198	9.7	195318.1	-0823.0
4929	8.4	191056.5	-0821.2	5019	9.9	192442.4	-0857.9	5109	9.4	194037.4	-0859.5	5199	9.4	195324.3	-0826.0
4930	9.2	191103.9	-0816.8	5020	9.1	192444.5	-0813.6	5110	9.6	194058.1	-0847.4	5200	9.0	195423.4	-0813.7
4931	9.8	191104.9	-0819.5	5021	10.	192456.4	-0811.1	5111	8.9	194101.2	-0823.7	5201	9.5	195427.9	-0800.1
4932	9.9	191135.3	-0826.9	5022	9.8	192503.4	-0859.2	5112	8.8	194120.6	-0814.6	5202	9.8	195444.4	-0838.2
4933	9.3	191142.5	-0842.5	5023	8.8	192505.9	-0818.0	5113	9.7	194126.6	-0848.9	5203	9.4	195453.9	-0804.3
4934	8.8	191209.0	-0848.2	5024	9.8	192527.4	-0821.1	5114	8.7	194132.3	-0807.4	5204	10.	195511.5	-0813.3
4935	9.5	191220.5	-0822.0	5025	9.5	192535.2	-0859.0	5115	8.8	194136.1	-0842.3	5205	8.1	195514.9	-0805.3
4936	9.2	191227.1	-0819.4	5026	9.9	192535.5	-0826.3	5116	9.5	194143.2	-0818.5	5206	9.2	195518.8	-0822.1
4937	9.9	191240.4	-0856.3	5027	9.5	192549.7	-0857.1	5117	9.0	194144.0	-0823.4	5207	9.5	195532.7	-0848.4
4938	9.5	191241.5	-0832.0	5028	9.0	192618.4	-0853.9	5118	9.2	194144.2	-0826.6	5208	9.4	195542.7	-0854.1
4939	8.5	191248.3	-0829.6	5029	9.7	192624.9	-0803.6	5119	9.5	194206.8	-0856.6	5209	9.4	195601.9	-0817.5
4940	9.5	191253.5	-0835.7	5030	9.8	192635.5	-0851.4	5120	9.5	194211.9	-0843.5	5210	9.6	195603.5	-0836.8
4941	9.2	191307.6	-0823.3	5031	9.0	192636.5	-0848.1	5121	8.0	194223.1	-0857.8	5211	9.2	195616.2	-0839.8
4942	9.8	191324.1	-0821.5	5032	9.4	192647.5	-0845.2	5122	9.8	194226.2	-0829.6	5212	9.0	195627.9	-0808.4
4943	9.9	191330.0	-0834.9	5033	9.5	192700.8	-0803.4	5123	9.2	194233.6	-0855.8	5213	9.8	195632.9	-0824.9
4944	9.4	191342.1	-0822.8	5034	9.8	192713.1	-0835.2	5124	9.8	194236.3	-0823.5	5214	8.8	195635.2	-0845.0
4945	10.	191342.6	-0832.2	5035	9.1	192719.6	-0822.0	5125	9.5	194245.7	-0835.5	5215	9.5	195637.9	-0823.4
4946	9.5	191351.9	-0831.1	5036	9.1	192727.2	-0824.0	5126	9.1	194302.7	-0836.0	5216	8.6	195717.3	-0840.8
4947	9.3	191356.0	-0828.0	5037	9.3	192732.4	-0806.3	5127	9.3	194305.5	-0818.1	5217	7.8	195724.4	-0831.0
4948	9.4	191400.9	-0835.0	5038	9.5	192740.9	-0803.2	5128	9.3	194306.8	-0854.8	5218	8.8	195724.6	-0848.8
4949	9.2	191412.6	-0816.8	5039	9.4	192741.2	-0854.1	5129	9.4	194315.7	-0822.1	5219	9.1	195739.4	-0804.7
4950	7.0	191428.0	-0828.1	5040	9.2	192752.5	-0842.3	5130	9.3	194317.1	-0851.3	5220	9.5	195743.7	-0838.0
4951	9.5	191433.6	-0803.7	5041	9.3	192759.1	-0822.2	5131	9.5	194318.6	-0853.2	5221	9.8	195750.7	-0825.8
4952	9.7	191443.0	-0857.1	5042	9.7	192811.4	-0828.7	5132	9.9	194319.4	-0849.1	5222	9.6	195758.4	-0836.1
4953	9.1	191451.7	-0839.2	5043	8.8	192826.6	-0830.9	5133	9.4	194406.8	-0815.9	5223	8.5	195905.4	-0831.9
4954	9.5	191512.1	-0803.0	5044	9.5	192833.5	-0852.8	5134	10.	194414.1	-0803.8	5224	9.9	195918.8	-0850.3
4955	9.6	191512.8	-0839.5	5045	9.5	192850.4	-0800.3	5135	9.3	194421.7	-0830.8	5225	9.6	195930.7	-0853.5
4956	9.5	191514.2	-0853.2	5046	9.8	192852.5	-0849.3	5136	9.6	194428.6	-0850.2	5226	9.9	1958 1.4	-0809.3
4957	9.6	191537.1	-0857.4	5047	9.5	192900.2	-0813.9	5137	9.8	194436.8	-0812.2	5227	9.6	1958 2.0	-0857.9
4958	9.5	191544.0	-0818.3	5048	9.7	192916.8	-0850.3	5138	9.3	194439.3	-0811.0	5228	9.8	1958 6.2	-0833.0
4959	9.4	191552.0	-0831.0	5049	9.3	192921.0	-0316.0	5139	9.5	194452.1	-0800.1	5229	8.5	195836.7	-0854.1
4960	8.3	191600.0	-0829.7	5050	9.0	192921.2	-0822.6	5140	9.5	194455.6	-0844.7	5230	9.1	195857.3	-0846.9
4961	9.8	191620.4	-0808.7	5051	9.5	192931.1	-0817.5	5141	8.2	194456.4	-0803.7	5231	9.1	195837.4	-0826.8
4962	9.3	191626.5	-0829.2	5052	9.6	192948.2	-0818.6	5142	9.5	194458.6	-0844.1	5232	9.4	195837.7	-0843.1
4963	9.5	191633.1	-0804.6	5053	9.7	192949.1	-0803.2	5143	9.2	194459.8	-0852.0	5233	9.5	195840.1	-0804.5
4964	9.3	191641.6	-0856.3	5054	9.6	192954.9	-0805.9	5144	9.0	194518.2	-0838.1	5234	8.8	195859.4	-0827.0
4965	9.5	191653.4	-0826.5	5055	8.8	193031.6	-0838.1	5145	9.3	194522.4	-0818.3	5235	9.4	195900.1	-0800.9
4966	9.0	191701.0	-0822.6	5056	9.4	193038.7	-0822.1	5146	9.5	194537.1	-0853.5	5236	9.0	195910.5	-0824.4
4967	9.4	191706.5	-0835.6	5057	8.7	193112.5	-0845.9	5147	9.4	194605.8	-0808.4	5237	7.3	195914.3	-0835.8
4968	9.0	191716.1	-0810.8	5058	9.4	193124.7	-0807.6	5148	9.1	194612.0	-0840.9	5238	9.4	195927.7	-0855.8
4969	9.9	191718.4	-0846.6	5059	9.6	193143.7	-0851.3	5149	9.5	194614.7	-0838.3	5239	9.8	195929.2	-0809.0
4970	9.7	191723.9	-0813.5	5060	9.7	193144.4	-0850.6	5150	5.8	194615.6	-0856.7	5240	9.4	195936.0	-0800.4
4971	9.9	191728.4	-0844.7	5061	9.3	193150.2	-0840.2	5151	9.6	194639.9	-0818.1	5241	9.5	195942.8	-0806.7
4972	9.4	191750.6	-0824.1	5062	7.3	193214.2	-0819.2	5152	9.1	194641.4	-0855.0	5242	8.9	200004.8	-0844.3
4973	9.4	191801.6	-0817.2	5063	9.5	193243.5	-0843.8	5153	9.6	194643.5	-0818.3	5243	9.8	200005.0	-0837.5
4974	9.3	191813.8	-0851.4	5064	8.8	193243.9	-0826.9	5154	6.2	194646.9	-0836.1	5244	9.6	200020.0	-0836.1
4975	10.	191822.4	-0840.1	5065	9.8	193254.6	-0821.9	5155	7.1	194647.7	-0836.8	5245	9.5	200033.9	-0803.6
4976	9.1	191836.4	-0852.7	5066	8.8	193257.2	-0836.2	5156	9.1	194654.9	-0814.2	5246	8.8	200038.3	-0833.6
4977	8.0	191841.8	-0826.8	5067	9.2	193259.4	-0835.0	5157	9.4	194705.5	-0842.4	5247	9.1	200051.6	-0856.5
4978	8.9	191849.6	-0832.4	5068	8.8	193308.3	-0811.2	5158	9.0	194716.0	-0805.2	5248	9.7	200114.8	-0835.0
4979	8.3	191848.6	-0800.1	5069	9.1	193312.9	-0851.6	5159	10.	194721.0	-0846.2	5249	9.0	200142.0	-0854.1
4980	9.7	191854.0	-0821.2	5070	9.9	193328.0	-0850.2	5160	7.8	194722.6	-0811.0	5250	9.6	200147.5	-0834.0
4981	9.1	191900.1	-0831.7	5071	9.5	193332.7	-0800.5	5161	9.5	194736.6	-0839.1	5251	9.0	200209.0	-0829.6
4982	9.1	191905.1	-0806.1	5072	9.4	193334.2	-0824.2	5162	9.9	194736.7	-0800.2	5252	9.5	200217.1	-0833.6
4983	9.2	191914.5	-0825.0	5073	8.7	193344.7	-0857.9	5163	9.7	194739.8	-0800.0	5253	9.2	200217.5	-0843.4
4984	9.1	191918.1	-0823.4	5074	9.2	193411.0	-0853.7	5164	9.5	194742.8	-0845.8	5254	9.4	200222.6	-0839.4
4985	9.6	191931.2	-0813.4	5075	8.9	193440.6	-0804.5	5165	8.8	194746.9	-0830.4	5255	9.4	200224.5	-0837.9
4986	8.8	191933.8	-0828.5	5076	9.7	193454.0	-0857.3	5166	9.0	194747.0	-0810.2	5256	9.4	200227.7	-0859.0
4987	8.5	191947.8	-0839.4	5077	9.2	193507.5	-0851.7	5167	9.3	194751.9	-0818.7	5257	9.5	200236.8	-0852.8
4988	9.4	192003.2	-0829.8	5078	7.2	193511.2	-0838.4	5168	9.0	194757.3	-0813.1	5258	9.5	200240.0	-0802.8
4989	9.1	192005.3	-0830.4	5079	8.0	193515.3	-0840.1	5169	9.1	194815.4	-0827.5	5259	9.8	200250.0	-0825.0
4990	9.9	192024.1	-0824.5	5080	9.0	193517.4	-0804.5	5170	9.0	194825.3	-0821.9	5260	9.9	200305.5	-0819.4
4991	9.4	192026.4	-0826.3	5081	8.4	193528.9	-0830.0	5171	9.1	194852.3	-0817.0	5261	9.9	200308.5	-0821.1
4992	9.8	192029.7	-0848.2	5082	8.2	193544.9	-0850.6	5172	10.	194917.4	-0830.3	5262	9.8	200323.1	-0802.9
4993	9.1	192035.2	-0854.4	5083	9.5	193549.6	-0838.7	5173	9.3	194928.1	-0858.9	5263	9.3	200323.6	-0823.6
4994	9.1	192040.1	-0803.7	5084	9.9	193551.3	-0817.3	5174	9.4	194929.4	-0812.5	5264	9.5	200341.4	-0854.0
4995	9.0	192047.9	-0826.6	5085	8.2	193625.5	-0841.9	5175	8.8	194938.3	-0828.1	5265	9.8	200341.5	-0837.2

5266	9.7	200351.6	-0839.5	5256	9.5	201758.1	-0819.6	5446	9.8	203523.7	-0804.8	5536	9.4	205144.6	-0837.1
5267	9.0	200353.3	-0857.5	5357	8.9	201759.9	-0846.0	5447	9.7	203533.4	-0803.8	5537	9.5	205148.7	-0857.3
5268	9.4	200408.0	-0823.0	5358	9.8	201801.1	-0850.5	5448	9.5	203535.3	-0857.0	5538	9.3	205150.8	-0805.2
5269	9.5	200408.8	-0837.9	5359	8.7	201812.7	-0812.4	5449	9.7	203535.8	-0819.3	5539	9.6	205209.0	-0820.8
5270	9.4	200418.8	-0844.2	5360	9.1	201827.4	-0852.1	5450	9.0	203601.0	-0854.6	5540	9.4	205209.5	-0824.8
5271	9.5	200419.2	-0812.9	5361	9.5	201842.3	-0858.4	5451	9.2	203617.7	-0801.1	5541	9.3	205224.3	-0858.2
5272	7.0	200426.0	-0831.0	5362	8.5	201857.5	-0822.1	5452	8.8	203622.4	-0806.2	5542	9.8	205244.0	-0842.2
5273	9.2	200435.7	-0857.6	5363	9.0	201900.7	-0833.8	5453	9.0	203624.8	-0832.5	5543	9.1	205257.1	-0821.3
5274	9.6	200437.5	-0814.0	5364	9.5	201901.5	-0821.8	5454	9.1	203636.1	-0822.4	5544	8.2	205300.6	-0854.2
5275	9.3	200446.9	-0809.6	5365	9.0	201915.9	-0841.4	5455	8.3	203637.5	-0857.2	5545	9.8	205315.5	-0804.7
5276	9.3	200447.5	-0807.1	5366	8.7	201932.6	-0806.2	5456	10.	203643.9	-0846.9	5546	9.5	205317.3	-0802.3
5277	9.5	200522.8	-0855.9	5367	9.6	202006.0	-0808.7	5457	10.	203650.7	-0842.7	5547	9.6	205336.4	-0834.5
5278	9.7	200525.4	-0844.4	5368	10.	202035.3	-0805.6	5458	9.5	203702.6	-0810.8	5548	9.5	205408.7	-0820.8
5279	9.1	200533.8	-0853.0	5369	9.5	202102.7	-0819.6	5459	9.4	203704.1	-0802.8	5549	10.	205418.8	-0828.1
5280	9.5	200547.7	-0812.1	5370	9.1	202106.3	-0804.7	5460	8.0	203707.4	-0831.1	5550	9.6	205424.0	-0809.3
5281	9.5	200613.6	-0840.2	5371	8.9	202127.7	-0830.1	5461	9.5	203715.7	-0815.7	5551	9.4	205442.1	-0833.5
5282	9.4	200623.8	-0824.6	5372	8.5	202128.5	-0845.7	5462	9.1	203726.4	-0844.7	5552	9.5	205453.4	-0852.7
5283	9.4	200630.5	-0826.8	5373	10.	202139.7	-0815.5	5463	9.4	203729.9	-0827.3	5553	9.3	205503.9	-0850.3
5284	9.8	200650.1	-0834.1	5374	9.4	202145.5	-0829.3	5464	8.5	203737.1	-0815.5	5554	9.4	205521.4	-0831.6
5285	9.6	200659.7	-0842.4	5375	10.	202221.3	-0812.8	5465	8.8	203741.8	-0806.5	5555	8.5	205526.6	-0821.7
5286	10.	200724.4	-0850.3	5376	9.7	202228.8	-0839.3	5466	9.0	203744.3	-0840.2	5556	9.5	205531.1	-0830.7
5287	9.6	200733.7	-0849.6	5377	9.5	202245.5	-0845.7	5467	9.0	203750.4	-0816.6	5557	9.6	205532.5	-0803.9
5288	8.5	200745.0	-0813.0	5378	9.3	202248.5	-0847.6	5468	8.8	203802.3	-0811.2	5558	9.4	205553.4	-0843.4
5289	9.4	200752.0	-0801.4	5379	9.6	202250.1	-0845.3	5469	8.3	203809.0	-0858.5	5559	9.6	205607.3	-0844.9
5290	9.8	200802.3	-0855.4	5380	8.3	202301.3	-0831.9	5470	9.5	203822.4	-0831.9	5560	9.4	205617.2	-0834.4
5291	9.8	200809.1	-0845.8	5381	8.8	202322.5	-0846.0	5471	9.6	203849.3	-0841.4	5561	9.5	205621.3	-0839.7
5292	9.2	200816.0	-0801.8	5382	9.8	202322.8	-0831.3	5472	9.5	203855.1	-0820.9	5562	8.8	205624.2	-0845.0
5293	9.1	200818.6	-0817.9	5383	9.3	202331.4	-0856.4	5473	9.4	203902.0	-0800.2	5563	9.6	205635.6	-0808.7
5294	9.3	200821.1	-0829.3	5384	8.0	202415.9	-0855.1	5474	10.	203902.7	-0839.5	5564	9.8	205715.1	-0822.8
5295	8.0	200821.5	-0810.2	5385	10.	202419.8	-0851.4	5475	9.4	203928.9	-0824.0	5565	9.1	205739.1	-0818.6
5296	9.5	200835.3	-0848.3	5386	9.7	202429.7	-0847.3	5476	8.7	203934.6	-0858.6	5566	9.8	205749.7	-0827.5
5297	9.6	200840.0	-0826.7	5387	8.6	202437.3	-0840.8	5477	9.4	203941.0	-0836.5	5567	9.8	205752.4	-0848.8
5298	10.	200840.5	-0806.2	5388	9.8	202442.1	-0832.9	5478	9.9	204026.2	-0806.8	5568	8.2	205753.4	-0858.3
5299	9.5	200844.6	-0829.6	5389	9.4	202455.7	-0804.4	5479	9.4	204056.4	-0829.3	5569	9.4	205820.2	-0830.2
5300	8.8	200849.2	-0802.8	5390	9.5	202459.2	-0811.2	5480	9.1	204056.9	-0831.2	5570	9.7	205823.4	-0845.7
5301	9.4	200851.7	-0841.1	5391	8.0	202504.8	-0825.3	5481	9.4	204123.9	-0827.3	5571	9.6	205839.1	-0816.5
5302	9.4	200945.1	-0837.6	5392	9.5	202507.3	-0817.3	5482	9.4	204133.3	-0804.3	5572	9.8	205839.6	-0815.2
5303	9.3	200952.0	-0830.5	5393	9.8	202509.1	-0809.7	5483	9.7	204140.3	-0846.6	5573	9.3	205845.2	-0827.9
5304	9.5	200954.1	-0827.5	5394	9.4	202510.4	-0805.5	5484	9.4	204147.3	-0804.2	5574	9.5	205857.5	-0802.2
5305	7.0	201007.5	-0830.3	5395	9.5	202511.5	-0821.1	5485	9.3	204204.4	-0819.0	5575	9.3	205920.0	-0810.0
5306	9.8	201013.5	-0810.3	5396	9.2	202541.8	-0822.3	5486	9.5	204206.3	-0846.9	5576	8.8	205923.6	-0819.6
5307	9.8	201014.1	-0817.8	5397	9.3	202545.9	-0830.9	5487	8.7	204219.2	-0801.5	5577	9.7	205924.8	-0844.5
5308	9.2	201020.6	-0822.9	5398	9.1	202555.2	-0810.4	5488	9.4	204220.4	-0816.2	5578	9.6	205928.2	-0828.7
5309	8.5	201026.0	-0846.0	5399	9.7	202624.2	-0811.2	5489	10.	204227.2	-0842.7	5579	9.3	205932.8	-0847.8
5310	9.8	201027.3	-0822.2	5400	9.9	202624.5	-0810.4	5490	9.5	204235.3	-0844.4	5580	8.3	205939.6	-0844.7
5311	9.5	201043.4	-0843.8	5401	9.5	202641.2	-0802.1	5491	9.6	204236.7	-0816.6	5581	7.0	205940.6	-0848.6
5312	8.3	201050.1	-0824.0	5402	8.5	202654.2	-0811.0	5492	9.5	204237.5	-0847.6	5582	9.2	205941.3	-0846.0
5313	9.5	201103.1	-0813.1	5403	9.6	202715.4	-0839.9	5493	9.5	204323.5	-0834.3	5583	9.1	205948.4	-0858.3
5314	9.5	201104.3	-0806.2	5404	9.1	202732.1	-0845.4	5494	9.9	204331.3	-0849.2	5584	9.5	205951.4	-0841.9
5315	8.8	201105.0	-0842.9	5405	9.4	202737.4	-0803.5	5495	8.6	204334.5	-0829.1	5585	9.5	210000.9	-0801.4
5316	9.6	201134.0	-0858.8	5406	9.4	202811.8	-0811.7	5496	9.5	204343.4	-0847.6	5586	9.1	210001.5	-0825.8
5317	10.	201141.6	-0800.4	5407	9.8	202813.2	-0841.2	5497	9.6	204357.8	-0845.4	5587	10.	210017.0	-0840.9
5318	8.7	201156.3	-0853.9	5408	9.2	202825.8	-0812.1	5498	9.8	204358.1	-0832.8	5588	8.5	210050.5	-0848.6
5319	9.7	201211.1	-0813.1	5409	9.6	202853.5	-0839.4	5499	9.5	204412.0	-0803.9	5589	9.3	210104.7	-0856.4
5320	10.	201225.7	-0842.9	5410	9.5	202910.7	-0809.5	5500	8.7	204412.2	-0802.1	5590	9.5	210107.2	-0816.6
5321	9.3	201252.1	-0817.8	5411	9.5	202924.5	-0855.6	5501	9.8	204434.5	-0820.4	5591	9.7	210115.5	-0844.9
5322	9.8	201259.1	-0831.7	5412	8.8	202926.3	-0823.8	5502	8.3	204441.6	-0836.2	5592	9.7	210142.8	-0847.7
5323	8.0	201259.9	-0811.9	5413	9.7	202930.1	-0802.3	5503	9.2	204459.0	-0818.3	5593	9.8	210144.3	-0828.4
5324	9.4	201300.9	-0802.4	5414	9.5	202950.7	-0842.6	5504	9.5	204501.6	-0801.0	5594	9.4	210146.5	-0842.0
5325	9.3	201317.4	-0832.4	5415	9.3	202957.2	-0806.9	5505	9.6	204515.3	-0831.9	5595	9.4	210159.7	-0826.4
5326	9.3	201327.1	-0832.9	5416	10.	203021.0	-0857.7	5506	9.4	204520.9	-0813.6	5596	8.3	210241.7	-0817.5
5327	9.7	201339.3	-0800.8	5417	8.8	203035.8	-0811.6	5507	9.4	204547.7	-0805.6	5597	8.3	210302.7	-0813.6
5328	9.8	201347.9	-0828.4	5418	9.3	203057.4	-0804.8	5508	10.	204558.1	-0848.0	5598	9.9	210355.8	-0834.3
5329	9.3	201349.6	-0820.1	5419	9.5	203100.2	-0837.1	5509	9.1	204602.4	-0820.0	5599	8.3	210402.3	-0833.0
5330	8.7	201353.1	-0813.0	5420	9.2	203102.7	-0803.4	5510	9.0	204607.9	-0808.8	5600	9.2	210406.7	-0831.9
5331	9.4	201413.6	-0815.0	5421	7.3	203108.5	-0854.2	5511	9.0	204617.0	-0831.6	5601	9.5	210426.9	-0816.9
5332	9.8	201418.6	-0822.5	5422	9.5	203119.7	-0827.9	5512	9.7	204620.1	-0949.6	5602	10.	210430.3	-0853.8
5333	9.6	201436.1	-0818.3	5423	8.4	203134.3	-0850.5	5513	9.9	204641.0	-0858.6	5603	8.7	210433.2	-0857.5
5334	9.1	201438.6	-0821.2	5424	8.0	203140.2	-0814.5	5514	9.1	204641.2	-0841.3	5604	8.3	210458.5	-0845.2
5335	9.8	201501.4	-0851.9	5425	10.	203153.7	-0842.8	5515	9.5	204654.6	-0839.4	5605	9.7	210516.4	-0845.3
5336	9.5	201504.1	-0809.2	5426	8.0	203206.7	-0805.0	5516	8.5	204701.4	-0843.6	5606	9.9	210530.7	-0858.6
5337	9.4	201513.7	-0816.4	5427	9.0	203215.8	-0815.6	5517	8.5	204714.0	-0820.6	5607	9.5	210534.2	-0810.9
5338	9.4	201516.7	-0816.8	5428	9.5	203238.3	-0811.8	5518	9.4	204732.7	-0819.7	5608	9.5	210612.2	-0843.6
5339	9.7	201542.9	-0817.2	5429	9.9	203239.5	-0817.9	5519	9.0	204735.5	-0825.8	5609	9.3	210650.9	-0849.5
5340	8.7	201547.6	-0814.7	5430	10.	203310.0	-0847.3	5520	9.3	204754.4	-0815.7	5610	9.8	210701.5	-0800.3
5341	10.	201556.6	-0816.8	5431	8.2	203310.3	-0833.1	5521	10.	204805.7	-0849.6	5611	8.4	210710.9	-0819.0
5342	9.2	201557.2	-0852.5	5432	9.0	203315.1	-0825.7	5522	9.7	204811.3	-0803.1	5612	9.5	210712.4	-0827.8
5343	8.0	201607.0	-0803.4	5433	9.7	203315.3	-0833.3	5523	8.7	204822.0	-0816.0	5613	7.3	210712.6	-0854.9
5344	9.5	201615.6	-0855.6	5434	9.8	203334.0	-0800.3	5524	9.9	204825.7	-0840.4	5614	9.3	210807.1	-0840.6
5345	9.1	201617.8	-0853.1	5435	9.7	203334.7	-0854.0	5525	9.7	204854.1	-0828.3	5615	9.5	210809.7	-0832.4
5346	9.5	201633.2	-0811.5	5436	9.8	203349.2	-0803.8	5526	9.4	204906.4	-0800.5	5616	9.2	210812.2	-0837.8
5347	9.5	201647.2	-0803.0	5437	9.5	203401.8	-0825.5	5527	9.5	204922.0	-0830.9	5617	8.0	210859.6	-0815.2
5348	8.3	201658.3	-0804.4	5438	9.4	203401.9	-0835.6	5528	9.4	204945.6	-0825.9	5618	9.6	210859.9	-0818.8
5349	8.2	201659.7	-0838.1	5439	8.0	203407.7	-0807.7	5529	7.3	204953.5	-0815.8	5619	9.5	210912.0	-0842.7
5350	8.7	201701.4	-0832.9	5440	10.	203432.2	-0841.3	5530	9.5	205011.2	-0854.1	5620	9.3	210915.5	-0800.4
5351	9.4	201704.1	-0831.9	5441	9.4	203437.5	-0825.7	5531	9.5	205031.4	-0844.0	5621	9.1	210916.5	-0853.4
5352	9.8	201724.3	-0807.2	5442	9.5	203439.0	-0816.4	5532	9.5	205058.8	-0810.5	5622	9.7	210928.1	-0806.2
5353	9.9	201730.4	-0858.1	5443	9.1	203509.7	-0836.7	5533	9.1	205108.5	-0844.9	5623	9.0	210947.4	-0826.9
5354	9.0	201730.5	-0808.7	5444	9.6	203510.0	-0857.4	5534	9.2	205129.1	-0845.5	5624	9.2	210947.6	-0810.8
5355	9.4	201734.4	-0802.4	5445	9.9	203516.6	-0839.1	5535	8.0	205141.9	-0811.0	5625	9.6	211025.1	-0821.6

-08 5626 21h10m

-08 5985 22h49m

5626	9.3	211052.2	-0838.9	5716	9.0	213452.2	-0824.9	5806	8.6	220016.7	-0803.5	5896	9.6	222723.4	-0838.7
5627	9.5	211116.7	-0829.1	5717	9.3	213457.1	-0824.1	5807	9.0	220024.4	-0838.9	5897	9.9	222725.9	-0833.6
5628	9.4	211157.0	-0852.0	5718	9.8	213537.0	-0851.1	5808	9.3	220032.3	-0813.6	5898	9.9	222732.4	-0835.8
5629	9.0	211218.8	-0844.0	5719	8.2	213544.5	-0804.2	5809	9.0	220043.9	-0819.0	5899	10.	222732.8	-0839.8
5630	9.8	211259.7	-0822.7	5720	9.5	213559.9	-0802.2	5810	9.2	220044.6	-0809.1	5900	9.5	222747.8	-0844.7
5631	8.2	211332.5	-0852.2	5721	9.9	213615.7	-0831.7	5811	9.0	220054.5	-0859.8	5901	9.8	222810.8	-0846.9
5632	9.0	211336.7	-0846.2	5722	9.4	213636.0	-0858.8	5812	9.5	220057.0	-0828.7	5902	8.2	222816.9	-0805.3
5633	9.4	211359.2	-0844.3	5723	8.6	213652.1	-0819.4	5813	9.7	220103.7	-0835.0	5903	10.	222817.4	-0820.8
5634	8.2	211412.6	-0808.4	5724	9.5	213705.6	-0815.4	5814	9.2	220106.5	-0823.9	5904	9.6	222822.7	-0859.6
5635	9.0	211446.9	-0807.3	5725	9.1	213711.7	-0804.8	5815	9.8	220127.1	-0847.8	5905	7.0	222841.5	-0824.6
5636	9.5	211447.1	-0824.0	5726	9.4	213721.1	-0855.7	5816	8.8	220144.5	-0824.4	5906	10.	222850.3	-0855.9
5637	9.5	211522.2	-0814.1	5727	9.8	213727.5	-0840.3	5817	7.0	220147.9	-0853.7	5907	7.7	222924.5	-0818.6
5638	9.2	211531.1	-0856.1	5728	8.5	213733.6	-0808.9	5818	6.5	220151.2	-0814.7	5908	10.	222927.5	-0804.4
5639	9.5	211540.1	-0856.8	5729	9.8	213752.0	-0842.0	5819	10.	220207.4	-0821.5	5909	9.4	222931.8	-0809.4
5640	9.5	211550.0	-0800.7	5730	9.4	213755.5	-0859.5	5820	10.	220208.8	-0844.3	5910	10.	222932.0	-0828.3
5641	10.	211551.5	-0807.0	5731	9.5	213808.1	-0856.1	5821	9.6	220246.7	-0842.8	5911	9.8	222957.8	-0858.7
5642	9.7	211622.6	-0851.5	5732	9.9	213812.6	-0851.0	5822	9.8	220254.9	-0846.4	5912	6.8	223046.0	-0839.0
5643	9.8	211645.7	-0816.4	5733	9.3	213827.7	-0824.2	5823	9.5	220257.5	-0857.3	5913	9.4	223048.5	-0824.8
5644	9.0	211655.9	-0832.4	5734	8.3	213902.0	-0840.2	5824	9.8	220308.2	-0835.7	5914	9.5	223059.5	-0805.3
5645	8.0	211711.4	-0848.1	5735	9.5	213907.0	-0845.7	5825	9.1	220326.6	-0843.9	5915	9.9	223122.0	-0922.3
5646	9.8	211713.6	-0856.8	5736	9.0	213907.9	-0836.2	5826	9.3	220334.7	-0831.5	5916	10.	223142.0	-0823.4
5647	9.5	211730.9	-0838.1	5737	8.9	213938.6	-0824.0	5827	9.4	220334.9	-0843.6	5917	10.	223153.3	-0842.5
5648	9.2	211758.8	-0826.5	5738	9.1	213950.0	-0844.1	5828	9.6	220348.0	-0823.5	5918	8.0	223154.5	-0821.4
5649	9.5	211801.6	-0831.3	5739	8.0	213956.6	-0819.9	5829	9.6	220438.5	-0841.5	5919	9.5	223221.4	-0851.1
5650	8.2	211818.1	-0854.4	5740	9.8	214005.4	-0837.4	5830	7.0	220456.5	-0843.6	5920	9.6	223221.5	-0835.0
5651	9.8	211855.9	-0827.3	5741	9.5	214024.5	-0859.3	5831	9.6	220502.0	-0852.7	5921	9.5	223233.1	-0815.4
5652	9.5	211908.8	-0819.3	5742	9.8	214032.1	-0820.5	5832	9.8	220527.4	-0820.4	5922	9.8	223323.0	-0805.6
5653	9.0	211927.9	-0838.0	5743	8.5	214100.6	-0802.3	5833	9.1	220548.0	-0856.7	5923	10.	223331.0	-0813.5
5654	9.7	211944.3	-0807.3	5744	9.8	214131.5	-0802.3	5834	8.5	220554.6	-0805.3	5924	8.7	223348.0	-0838.6
5655	9.3	211958.6	-0847.1	5745	9.4	214151.8	-0828.8	5835	8.9	220604.5	-0831.8	5925	9.8	223438.0	-0849.3
5656	9.5	212000.1	-0839.6	5746	8.3	214151.9	-0859.1	5836	9.5	220609.5	-0846.2	5926	9.1	223525.5	-0853.1
5657	7.8	212001.1	-0859.4	5747	9.5	214203.2	-0817.7	5837	9.8	220613.0	-0831.7	5927	9.9	223529.6	-0839.5
5658	10.	212033.3	-0817.1	5748	9.1	214236.1	-0856.7	5838	9.8	220617.4	-0837.1	5928	9.5	223606.6	-0815.4
5659	10.	212102.3	-0856.4	5749	8.8	214257.3	-0827.6	5839	9.6	220714.5	-0806.2	5929	10.	223625.2	-0833.0
5660	9.1	212103.8	-0845.5	5750	9.3	214302.8	-0847.5	5840	9.0	220731.2	-0846.3	5930	9.5	223643.1	-0841.6
5661	9.5	212147.9	-0806.1	5751	9.1	214303.3	-0851.9	5841	9.5	220739.6	-0838.8	5931	9.5	223656.5	-0853.0
5662	9.2	212157.9	-0830.3	5752	9.5	214310.5	-0827.8	5842	9.1	220754.3	-0823.8	5932	8.3	223701.2	-0822.5
5663	9.3	212200.9	-0831.5	5753	7.8	214321.8	-0835.0	5843	8.3	220823.1	-0803.1	5933	9.1	223703.1	-0835.4
5664	9.4	212224.8	-0819.3	5754	9.4	214322.5	-0837.7	5844	8.8	220837.6	-0824.5	5934	9.3	223718.7	-0803.3
5665	9.1	212235.4	-0847.9	5755	8.7	214353.1	-0805.0	5845	4.0	220911.1	-0829.9	5935	8.6	223732.2	-0819.6
5666	9.5	212259.4	-0845.2	5756	9.2	214429.1	-0801.6	5846	9.1	220926.6	-0827.5	5936	9.8	223746.1	-0820.8
5667	9.8	212341.3	-0859.2	5757	8.8	214438.9	-0858.6	5847	9.0	221011.5	-0818.3	5937	10.	223747.0	-0852.9
5668	9.5	212345.3	-0840.2	5758	9.4	214439.1	-0840.4	5848	9.5	221014.6	-0840.4	5938	9.8	223748.0	-0841.1
5669	9.5	212346.1	-0813.4	5759	9.6	214508.1	-0802.2	5849	9.4	221057.5	-0800.4	5939	10.	223825.2	-0839.6
5670	9.6	212401.3	-0849.3	5760	9.2	214618.0	-0818.0	5850	8.7	221129.9	-0801.9	5940	9.6	223831.1	-0817.2
5671	9.5	212405.9	-0847.8	5761	9.3	214619.3	-0825.6	5851	8.6	221131.6	-0831.7	5941	10.	223845.9	-0858.2
5672	9.0	212414.0	-0832.5	5762	9.5	214620.9	-0857.9	5852	9.5	221136.6	-0802.9	5942	9.0	223849.2	-0834.8
5673	9.3	212426.[illegible]	-0824.1	5763	9.5	214635.9	-0859.7	5853	9.7	221204.5	-0818.5	5943	9.5	223920.7	-0809.2
5674	8.8	212521.[illegible]	-0851.4	5764	8.5	214652.2	-0811.5	5854	9.0	221206.7	-0824.4	5944	10.	223925.2	-0800.3
5675	9.1	212527.[illegible]	-0835.9	5765	9.4	214733.9	-0803.8	5855	6.2	221233.7	-0832.5	5945	9.0	223929.0	-0855.6
5676	9.8	212556.[illegible]	-0813.6	5766	9.5	214739.9	-0859.3	5856	9.5	221251.1	-0814.5	5946	9.7	223938.0	-0800.3
5677	9.8	212605.[illegible]	-0844.5	5767	9.1	214807.7	-0811.8	5857	9.0	221334.2	-0823.7	5947	9.0	223951.7	-0811.8
5678	9.8	212623.[illegible]	-0850.2	5768	9.8	214829.8	-0855.1	5858	8.5	221404.6	-0820.0	5948	9.8	224005.2	-0839.8
5679	9.3	212634.[illegible]	-0845.5	5769	9.7	214842.0	-0817.7	5859	9.5	221419.8	-0816.9	5949	9.6	224012.7	-0807.5
5680	9.6	212639.0	-0823.4	5770	9.0	214848.7	-0814.9	5860	9.5	221431.4	-0801.7	5950	9.1	224023.8	-0815.0
5681	8.6	212639.6	-0813.2	5771	9.3	214858.9	-0946.0	5861	9.0	221438.6	-0811.6	5951	9.5	224032.9	-0848.4
5682	8.3	212642.3	-0851.5	5772	9.7	214928.8	-0810.5	5862	9.0	221453.1	-0810.8	5952	8.0	224047.6	-0852.2
5683	9.4	212647.0	-0803.1	5773	9.5	215011.3	-0835.3	5863	9.2	221457.7	-0822.9	5953	9.5	224103.7	-0820.7
5684	8.2	212653.5	-0847.9	5774	9.0	215041.2	-0815.4	5864	9.7	221641.9	-0835.1	5954	9.3	224107.7	-0813.1
5685	8.0	212657.5	-0802.1	5775	9.5	215044.8	-0833.6	5865	8.9	221656.0	-0850.5	5955	10.	224108.4	-0854.5
5686	9.1	212700.5	-0844.3	5776	9.5	215047.4	-0818.2	5866	9.5	221745.5	-0804.0	5956	9.5	224115.7	-0801.1
5687	9.5	212706.7	-0801.6	5777	9.5	215053.5	-0859.0	5867	9.4	221802.0	-0840.8	5957	9.8	224118.8	-0854.2
5688	9.5	212710.4	-0815.9	5778	9.5	215106.7	-0855.3	5868	9.2	221807.7	-0827.6	5958	9.6	224124.6	-0859.9
5689	9.2	212746.5	-0804.0	5779	9.4	215128.2	-0808.6	5869	9.3	221811.7	-0826.2	5959	9.1	224137.0	-0825.5
5690	9.5	212823.9	-0810.1	5780	9.2	215130.3	-0832.3	5870	9.8	221823.8	-0857.8	5960	9.5	224151.8	-0824.3
5691	9.2	212835.4	-0831.5	5781	9.6	215205.3	-0858.7	5871	9.8	221832.1	-0821.7	5961	8.5	224240.5	-0813.4
5692	10.	212836.2	-0840.1	5782	9.0	215241.2	-0805.1	5872	9.5	221846.3	-0841.9	5962	9.4	224303.2	-0815.0
5693	9.4	212840.1	-0833.3	5783	8.8	215254.0	-0813.9	5873	7.0	221857.9	-0806.7	5963	9.2	224304.3	-0843.8
5694	9.5	212841.0	-0849.8	5784	9.1	215416.9	-0825.3	5874	9.6	221905.8	-0805.1	5964	7.7	224313.5	-0804.7
5695	9.9	212911.2	-0817.7	5785	8.5	215444.3	-0821.3	5875	8.8	222002.4	-0858.6	5965	9.8	224328.6	-0856.7
5696	8.3	212924.8	-0827.9	5786	9.8	215504.6	-0837.4	5876	10.	222007.9	-0823.7	5966	9.2	224347.7	-0801.1
5697	9.0	212927.0	-0810.4	5787	8.5	215511.3	-0808.4	5877	9.6	222013.7	-0815.0	5967	9.4	224406.7	-0802.8
5698	10.	212931.9	-0852.8	5788	9.4	215514.5	-0813.5	5878	9.4	222046.6	-0846.0	5968	4.2	224503.3	-0820.9
5699	9.3	212954.6	-0827.2	5789	8.3	215553.8	-0809.1	5879	9.6	222046.7	-0829.5	5969	9.2	224520.6	-0959.3
5700	9.5	212957.3	-0829.4	5790	9.6	215557.9	-0859.2	5880	9.5	222141.7	-0851.0	5970	10.	224524.2	-0819.0
5701	5.0	213002.3	-0830.0	5791	8.3	215600.4	-0828.7	5881	9.1	222148.3	-0804.5	5971	9.8	224525.9	-0843.0
5702	9.5	213035.8	-0825.1	5792	9.6	215628.2	-0847.8	5882	9.3	222150.3	-0803.9	5972	9.0	224525.9	-0854.3
5703	9.0	213043.9	-0811.4	5793	9.4	215654.0	-0857.0	5883	9.4	222151.7	-0854.3	5973	10.	224605.0	-0835.9
5704	9.3	213048.9	-0850.5	5794	8.8	215745.3	-0818.1	5884	9.8	222212.6	-0859.5	5974	9.0	224612.8	-0809.5
5705	9.4	213100.5	-0820.2	5795	10.	215748.6	-0826.5	5885	9.1	222225.8	-0808.6	5975	9.1	224624.0	-0843.3
5706	9.1	213117.9	-0855.5	5796	8.0	215753.4	-0824.1	5886	9.5	222233.2	-0857.7	5976	9.0	224715.0	-0846.9
5707	9.7	213129.9	-0842.9	5797	9.7	215832.2	-0843.3	5887	9.2	222247.8	-0845.1	5977	9.8	224721.7	-0817.0
5708	9.0	213151.0	-0851.8	5798	9.3	215841.4	-0851.5	5888	7.3	222255.2	-0851.0	5978	9.8	224731.4	-0834.1
5709	8.7	213208.1	-0852.9	5799	9.3	215859.5	-0837.1	5889	9.1	222256.3	-0827.4	5979	8.5	224736.1	-0818.5
5710	9.5	213208.2	-0806.8	5800	9.5	215904.5	-0818.0	5890	9.5	222309.3	-0820.7	5980	8.7	224811.0	-0835.4
5711	9.4	213302.6	-0825.5	5801	9.8	215923.2	-0845.1	5891	10.	222310.9	-0834.0	5981	9.3	224826.4	-0809.3
5712	9.5	213331.8	-0826.0	5802	9.8	215923.3	-0822.9	5892	9.9	222539.5	-0845.9	5982	9.5	224831.2	-0801.3
5713	9.6	213404.0	-0854.9	5803	9.8	215924.7	-0850.0	5893	9.5	222552.4	-0836.7	5983	10.	224836.7	-0842.6
5714	9.8	213410.0	-0808.0	5804	9.7	215947.5	-0816.2	5894	9.6	222554.8	-0844.9	5984	9.6	224905.8	-0836.4
5715	9.5	213420.3	-0826.0	5805	9.1	215948.7	-0855.3	5895	9.6	222641.1	-0800.1	5985	9.1	224940.0	-0820.7

5986	9.1	225005.6	-0850.6	6076	5.5	230919.9	-0831.0	6166	7.0	233619.4	-0842.8	9	9.5	00209.4	-0952.7
5987	9.5	225008.5	-0808.0	6077	8.5	230921.0	-0851.9	6167	9.5	233855.0	-0814.9	10	10.	00210.2	-0904.1
5988	9.5	225037.9	-0804.2	6078	9.8	230928.5	-0839.8	6168	9.9	233419.9	-0826.7	11	9.7	00214.3	-0909.5
5989	8.8	225056.1	-0831.0	6079	9.8	231004.0	-0830.5	6169	9.1	233432.4	-0835.8	12	9.8	00220.7	-0903.2
5990	9.5	225123.7	-0833.9	6080	10.	231005.0	-0839.4	6170	9.8	233437.9	-0826.2	13	7.3	00238.6	-0947.1
5991	8.5	225126.1	-0859.5	6081	8.8	231005.2	-0843.7	6171	9.5	233453.8	-0854.7	14	9.6	00242.9	-0905.0
5992	10.	225142.3	-0845.7	6082	8.2	231017.3	-0820.0	6172	9.7	233457.1	-0841.9	15	9.6	00245.0	-0936.8
5993	9.1	225144.2	-0849.4	6083	8.7	231033.7	-0805.8	6173	9.4	233457.7	-0817.9	16	8.9	00250.0	-0933.2
5994	9.5	225146.5	-0820.9	6084	9.0	231039.2	-0810.4	6174	9.0	233512.0	-0800.6	17	10.	00254.7	-0952.8
5995	10.	225158.4	-0854.9	6085	8.3	231050.7	-0813.5	6175	8.5	233535.4	-0818.3	18	9.6	00309.2	-0904.8
5996	8.7	225208.5	-0810.2	6086	9.8	231103.9	-0843.4	6176	9.1	233551.3	-0802.8	19	9.3	00319.0	-0929.5
5997	9.3	225258.2	-0835.7	6087	9.4	231131.5	-0838.0	6177	9.1	233602.6	-0843.5	20	9.4	00349.5	-0941.2
5998	10.	225347.5	-0803.1	6088	9.3	231147.4	-0858.1	6178	9.1	233611.2	-0808.1	21	9.9	00359.3	-0907.8
5999	10.	225413.6	-0812.9	6089	10.	231148.6	-0850.5	6179	8.5	233615.2	-0908.3	22	9.1	00400.6	-0910.0
6000	10.	225416.1	-0842.0	6090	9.8	231158.3	-0816.0	6180	9.5	233703.0	-0847.4	23	8.5	00408.0	-0931.3
6001	9.9	225424.8	-0856.5	6091	9.5	231223.4	-0809.7	6181	9.8	233710.0	-0844.3	24	9.5	00406.1	-0929.2
6002	9.8	225437.1	-0821.4	6092	9.5	231300.5	-0835.9	6182	9.1	233713.9	-0823.7	25	9.5	00526.1	-0945.3
6003	8.5	225437.7	-0830.1	6093	9.5	231301.2	-0817.1	6183	10.	233722.0	-0904.8	26	9.4	00545.4	-0901.8
6004	9.8	225504.8	-0828.8	6094	10.	231320.4	-0848.7	6184	9.7	233823.6	-0851.8	27	9.4	00545.7	-0954.4
6005	9.4	225513.0	-0836.0	6095	8.6	231409.6	-0853.4	6185	9.6	233839.4	-0856.1	28	9.1	00554.8	-0908.1
6006	9.3	225516.0	-0848.7	6096	8.9	231444.5	-0850.7	6186	10.	233917.5	-0902.8	29	9.7	00624.6	-0934.0
6007	9.3	225527.4	-0822.5	6097	9.0	231459.6	-0801.9	6187	9.8	233944.8	-0831.2	30	7.5	00653.2	-0938.6
6008	9.8	225620.7	-0831.7	6098	10.	231524.6	-0846.4	6188	9.0	233946.6	-0832.0	31	9.8	00708.7	-0908.3
6009	8.3	225622.6	-0850.4	6099	9.8	231601.2	-0803.9	6189	9.2	233950.9	-0852.8	32	8.5	00727.5	-0941.0
6010	9.5	225629.8	-0838.4	6100	10.	231620.4	-0800.0	6190	9.3	234021.5	-0827.5	33	9.4	00738.8	-0932.7
6011	9.6	225633.7	-0818.8	6101	9.3	231624.0	-0833.9	6191	9.2	234038.0	-0824.5	34	9.5	00742.3	-0902.7
6012	9.0	225700.2	-0830.7	6102	9.8	231634.6	-0813.6	6192	10.	234038.9	-0821.2	35	9.8	00746.6	-0921.2
6013	9.8	225703.6	-0809.7	6103	7.8	231635.3	-0820.4	6193	9.7	234055.8	-0856.8	36	9.4	00848.0	-0910.0
6014	9.1	225704.9	-0853.7	6104	9.8	231650.1	-0814.1	6194	9.0	234116.1	-0857.6	37	9.3	00906.1	-0925.2
6015	9.6	225711.4	-0857.3	6105	10.	231653.5	-0850.4	6195	9.5	234119.2	-0835.4	38	9.0	00945.5	-0920.8
6016	9.9	225715.5	-0805.9	6106	8.8	231654.8	-0858.8	6196	9.0	234121.8	-0813.5	39	9.5	01010.5	-0915.0
6017	9.8	225734.1	-0808.2	6107	9.4	231725.0	-0807.7	6197	9.4	234128.8	-0826.3	40	9.4	01016.9	-0929.5
6018	5.8	225735.7	-0828.4	6108	9.7	231726.6	-0858.1	6198	9.8	234208.3	-0830.4	41	8.8	01039.6	-0918.5
6019	7.5	225745.8	-0832.2	6109	9.5	231729.4	-0831.1	6199	9.6	234312.4	-0847.0	42	9.6	01051.8	-0926.0
6020	8.9	225802.2	-0852.9	6110	9.5	231810.4	-0814.6	6200	9.8	234431.5	-0815.5	43	9.8	01108.7	-0958.0
6021	7.0	225820.4	-0842.7	6111	8.8	231812.7	-0837.6	6201	9.8	234446.4	-0828.3	44	9.0	01130.0	-0946.5
6022	9.1	225821.2	-0832.0	6112	9.1	231903.0	-0833.6	6202	9.3	234502.6	-0819.8	45	9.5	01148.9	-0907.6
6023	9.4	225833.6	-0845.3	6113	10.	231907.6	-0813.7	6203	9.8	234511.6	-0853.4	46	9.3	01151.4	-0941.8
6024	9.5	225842.7	-0822.4	6114	9.9	231928.1	-0839.0	6204	9.8	234522.5	-0844.1	47	9.5	01201.0	-0929.6
6025	7.8	225939.3	-0828.5	6115	9.0	232030.1	-0859.3	6205	9.1	234536.8	-0837.0	48	8.9	01202.1	-0937.6
6026	9.7	230004.8	-0821.3	6116	8.5	232040.8	-0818.9	6206	9.5	234600.6	-0853.1	49	8.5	01242.9	-0951.9
6027	9.4	230012.3	-0832.8	6117	9.6	232125.5	-0837.9	6207	9.2	234625.3	-0810.7	50	9.4	01246.0	-0957.1
6028	9.5	230038.4	-0835.7	6118	8.0	232127.2	-0812.0	6208	9.3	234627.9	-0816.0	51	8.7	01256.2	-0942.4
6029	9.3	230046.7	-0850.5	6119	8.8	232159.6	-0826.4	6209	9.8	234709.1	-0829.8	52	9.5	01334.9	-0907.5
6030	8.3	230051.4	-0803.0	6120	10.	232216.7	-0809.1	6210	9.1	234731.8	-0804.3	53	8.6	01339.3	-0954.8
6031	9.7	230116.3	-0826.6	6121	9.8	232217.4	-0847.9	6211	9.8	234831.4	-0834.7	54	8.9	01351.0	-0905.1
6032	10.	230128.8	-0817.4	6122	9.6	232221.7	-0811.1	6212	9.8	234841.0	-0816.6	55	9.0	01357.5	-0932.2
6033	10.	230134.3	-0846.3	6123	9.7	232227.2	-0804.6	6213	7.8	234934.5	-0810.0	56	9.2	01417.8	-0933.9
6034	8.1	230140.2	-0806.0	6124	9.0	232300.3	-0804.8	6214	9.5	235004.9	-0808.2	57	9.8	01428.4	-0940.9
6035	10.	230155.4	-0854.0	6125	9.1	232304.1	-0833.4	6215	8.0	235020.0	-0810.8	58	9.4	01431.9	-0901.1
6036	9.7	230205.8	-0839.5	6126	10.	232317.2	-0857.5	6216	9.8	235024.9	-0837.7	59	9.1	1438.4	-0916.5
6037	8.8	230234.3	-0850.8	6127	10.	232326.4	-0851.9	6217	9.3	235036.1	-0840.1	60	8.9	1552.7	-0915.7
6038	9.1	230235.0	-0856.4	6128	9.5	232404.5	-0831.7	6218	9.8	235043.0	-0845.0	61	9.5	1606.9	-0945.3
6039	10.	230237.8	-0826.1	6129	9.1	232450.0	-0833.0	6219	9.2	235043.6	-0818.1	62	10.	1626.4	-0945.2
6040	7.7	230251.1	-0835.5	6130	8.9	232516.3	-0849.7	6220	9.6	235134.8	-0848.9	63	9.4	01632.1	-0947.8
6041	9.8	230311.1	-0822.1	6131	9.9	232538.2	-0807.8	6221	9.8	235150.1	-0806.8	64	9.3	01655.7	-0955.6
6042	9.2	230317.8	-0834.7	6132	9.8	232552.6	-0857.0	6222	8.0	235210.4	-0836.7	65	9.8	01701.6	-0911.8
6043	9.2	230321.4	-0825.9	6133	9.6	232557.7	-0852.8	6223	9.9	235219.4	-0829.1	66	10.	01703.6	-0953.6
6044	10.	230334.5	-0805.8	6134	9.8	232620.7	-0822.2	6224	9.7	235225.9	-0847.5	67	9.3	01712.9	-0932.5
6045	9.3	230338.8	-0858.7	6135	10.	232625.3	-0815.1	6225	9.2	235233.0	-0836.7	68	9.0	01721.5	-0926.1
6046	10.	230353.7	-0838.2	6136	10.	232644.7	-0816.8	6226	9.8	235250.5	-0834.1	69	9.5	01820.2	-0910.2
6047	10.	230410.3	-0850.9	6137	10.	232645.6	-0837.0	6227	9.0	235320.2	-0818.2	70	7.7	01830.7	-0905.3
6048	10.	230455.3	-0806.2	6138	10.	232647.8	-0828.9	6228	10.	235402.4	-0859.4	71	9.5	01837.3	-0958.5
6049	9.2	230524.3	-0856.5	6139	9.9	232710.2	-0855.3	6229	10.	235413.8	-0856.6	72	9.5	01841.5	-0958.3
6050	10.	230524.4	-0800.9	6140	9.2	232715.2	-0851.7	6230	9.7	235423.6	-0846.4	73	9.8	01845.5	-0938.0
6051	9.4	230536.0	-0805.8	6141	7.3	232734.9	-0828.8	6231	8.1	235528.0	-0847.7	74	9.2	01910.6	-0917.4
6052	9.3	230539.8	-0857.8	6142	6.3	232803.6	-0816.2	6232	10.	235538.5	-0810.5	75	10.	01917.4	-0924.0
6053	9.5	230545.4	-0852.7	6143	9.8	232813.7	-0858.2	6233	8.8	235545.9	-0831.2	76	9.1	01922.8	-0914.3
6054	8.2	230550.1	-0846.7	6144	9.6	232820.0	-0843.6	6234	10.	235623.6	-0821.4	77	9.4	01945.3	-0944.5
6055	9.7	230608.3	-0829.5	6145	9.5	232836.7	-0853.5	6235	9.4	235644.2	-0813.3	78	9.3	01952.9	-0958.8
6056	9.7	230608.7	-0827.0	6146	9.5	232842.3	-0831.0	6236	9.6	235650.9	-0853.2	79	8.0	01958.1	-0927.3
6057	9.5	230625.3	-0833.1	6147	9.5	232843.4	-0836.0	6237	9.7	235704.3	-0805.3	80	9.6	02009.8	-0949.0
6058	10.	230634.4	-0814.8	6148	10.	232942.6	-0831.2	6238	10.	235704.8	-0851.4	81	9.2	02025.2	-0929.8
6059	9.0	230646.2	-0828.1	6149	9.5	232952.1	-0816.4	6239	9.7	235706.1	-0809.3	82	10.	02033.	-0903.8
6060	9.7	230651.3	-0837.3	6150	9.3	233009.3	-0858.2	6240	8.5	235714.2	-0858.7	83	9.8	02057.	-0929.9
6061	10.	230651.8	-0826.4	6151	10.	233010.4	-0853.6	6241	9.0	235732.2	-0904.9	84	9.7	02100.8	-0936.8
6062	10.	230703.4	-0845.9	6152	8.8	233031.7	-0844.8	6242	6.7	235803.5	-0829.2	85	10.	02113.0	-0950.0
6063	9.1	230704.8	-0852.6	6153	10.	233032.9	-0840.8	6243	9.0	235814.3	-0842.0	86	9.0	02118.5	-0912.1
6064	9.2	230713.8	-0853.2	6154	9.8	233051.7	-0820.8	6244	9.8	235846.0	-0845.7	87	9.4	02123.1	-0929.5
6065	8.0	230718.3	-0829.3	6155	9.7	233056.1	-0836.8	6245	9.8	235900.0	-0842.6	88	9.6	02133.0	-0921.0
6066	9.2	230725.1	-0813.8	6156	10.	233101.9	-0843.3	6246	10.	235918.7	-0853.6	89	9.4	02207.8	-0910.7
6067	9.4	230733.4	-0846.4	6157	9.1	233109.0	-0835.8	6247	9.9	235957.7	-0808.5	90	9.5	02214.4	-0956.5
6068	9.2	230739.0	-0802.3	6158	9.0	233148.7	-0846.8	1	9.8	00011.0	-0946.0	91	10.	02219.4	-0956.7
6069	9.8	230750.0	-0805.2	6159	9.3	233201.3	-0819.0	2	9.8	00015.4	-0921.0	92	9.2	02340.3	-0938.0
6070	9.6	230752.9	-0858.3	6160	9.4	233207.4	-0810.1	3	9.0	00035.2	-0917.1	93	10.	02345.6	-0929.3
6071	9.5	230843.7	-0811.9	6161	9.4	233211.3	-0819.9	4	9.4	00050.1	-0931.6	94	10.	02357.1	-0933.7
6072	9.3	230854.9	-0829.3	6162	9.5	233227.3	-0824.7	5	6.5	00052.9	-0937.7	95	10.	02415.6	-0929.3
6073	8.5	230855.5	-0857.0	6163	9.7	233255.4	-0831.4	6	8.5	00137.5	-0901.2	96	9.7	02515.8	-0933.5
6074	9.2	230912.5	-0859.4	6164	9.5	233301.6	-0851.6	7	9.5	00144.0	-0902.1	97	8.8	02516.0	-0950.1
6075	9.0	230915.1	-0822.5	6165	8.8	233303.3	-0822.7	8	9.1	00203.4	-0917.7	98	9.5	02523.4	-0952.2

99	9.5	02544.2	-0941.0	189	9.5	04923.8	-0906.8	279	9.2	12036.8	-0932.7	369	9.5	15111.6	-0959.8
100	10.	02545.2	-0911.3	190	10.	04941.9	-0913.4	280	9.8	12050.7	-0900.4	370	9.2	15121.1	-0958.0
101	9.7	02604.6	-0926.6	191	9.6	05006.7	-0923.9	281	9.7	12054.5	-0901.5	371	9.4	15141.5	-0932.5
102	9.5	02622.7	-0938.1	192	9.7	05026.5	-0919.1	282	9.2	12054.8	-0953.0	372	8.5	15153.9	-0941.5
103	8.9	02636.8	-0931.2	193	9.5	05042.3	-0903.0	283	9.1	12109.5	-0908.1	373	8.5	15158.7	-0904.7
104	9.5	02704.3	-0903.0	194	9.9	05052.7	-0925.9	284	9.5	12204.3	-0918.9	374	9.8	15229.0	-0911.1
105	9.8	02709.0	-0956.0	195	9.5	05137.8	-0925.0	285	9.3	12226.0	-0931.8	375	9.7	15231.1	-0927.3
106	8.3	02717.1	-0905.7	196	7.0	05232.0	-0906.2	286	9.4	12229.5	-0933.0	376	9.5	15234.4	-0921.5
107	8.9	02722.8	-0916.7	197	8.8	05251.7	-0936.6	287	9.6	12258.4	-0947.6	377	9.1	15239.3	-0917.3
108	20.0	02724.9	-0911.8	198	9.8	05257.4	-0907.5	288	10.	12322.5	-0946.0	378	8.9	15241.2	-0950.7
109	8.8	02728.7	-0940.4	199	9.7	05258.3	-0933.8	289	10.	12331.9	-0901.5	379	9.6	15310.3	-0926.5
110	9.9	02733.7	-0925.4	200	9.4	05305.4	-0943.0	290	10.	12339.5	-0944.8	380	5.8	15315.3	-0913.7
111	8.5	02821.7	-0909.5	201	10.	05328.1	-0955.9	291	9.5	12345.1	-0904.4	381	9.3	15327.2	-0908.2
112	9.1	02839.3	-0936.7	202	9.3	05344.5	-0918.7	292	9.9	12418.8	-0940.5	382	7.3	15337.8	-0910.6
113	9.2	02901.7	-0915.1	203	9.4	05351.5	-0955.2	293	9.8	12419.6	-0942.9	383	9.3	15351.4	-0944.9
114	9.4	02941.1	-0928.4	204	9.5	05443.0	-0956.4	294	10.	12423.7	-0954.2	384	9.6	15354.7	-0912.0
115	9.8	02948.7	-0954.2	205	9.0	05449.2	-0938.3	295	10.	12510.4	-0948.8	385	9.1	15524.3	-0955.4
116	9.8	02959.7	-0927.5	206	9.1	05504.9	-0910.3	296	9.8	12517.9	-0932.3	386	10.	15544.8	-0916.3
117	8.0	03017.6	-0952.2	207	9.8	05556.1	-0943.9	297	9.3	12519.2	-0943.8	387	9.1	15552.4	-0937.0
118	9.8	03023.3	-0904.2	208	10.	05618.6	-0953.1	298	7.0	12549.6	-0945.8	388	9.0	15552.8	-0920.2
119	9.1	03041.8	-0938.8	209	9.7	05628.7	-0933.2	299	9.5	12555.2	-0914.7	389	9.0	15602.3	-0956.2
120	9.4	03057.3	-0940.4	210	8.2	05634.6	-0954.3	300	9.8	12555.8	-0901.0	390	9.5	15615.3	-0929.1
121	9.5	03106.8	-0925.2	211	9.1	05645.1	-0924.8	301	8.0	12705.2	-0911.9	391	9.0	15621.5	-0917.8
122	9.1	03112.0	-0905.3	212	9.6	05654.4	-0925.4	302	9.2	12716.6	-0903.6	392	8.6	15631.2	-0912.2
123	9.8	03120.9	-0946.2	213	9.1	05703.8	-0928.9	303	9.3	12725.5	-0915.8	393	9.5	15639.0	-0926.1
124	10.	03129.8	-0941.7	214	9.8	05714.0	-0907.3	304	9.8	12809.4	-0902.9	394	9.8	15646.8	-0917.8
125	9.3	03158.6	-0953.1	215	9.8	05724.5	-0907.3	305	9.4	12811.6	-0931.8	395	9.0	15714.0	-0949.5
126	10.	03211.1	-0946.3	216	9.5	05726.2	-0915.7	306	9.0	12908.4	-0937.3	396	10.	15740.9	-0959.2
127	10.	03236.5	-0907.1	217	9.8	05727.6	-0956.8	307	9.1	12932.1	-0907.3	397	8.5	15755.1	-0917.7
128	10.	03242.6	-0912.9	218	7.5	05841.1	-0926.3	308	9.9	12948.5	-0929.8	398	9.3	15816.7	-0944.0
129	8.7	03251.0	-0943.7	219	9.6	05922.2	-0952.6	309	10.	13000.3	-0956.7	399	8.7	15818.3	-0930.4
130	9.6	03315.7	-0959.5	220	8.2	05926.2	-0928.2	310	9.9	13020.8	-0954.1	400	9.1	15841.1	-0938.9
131	9.4	03408.6	-0948.0	221	7.8	10030.0	-0900.4	311	10.	13033.3	-0917.0	401	8.5	15904.9	-0953.5
132	9.1	03414.8	-0917.0	222	10.	10052.0	-0957.6	312	10.	13113.7	-0930.4	402	9.4	15938.9	-0927.7
133	9.5	03445.0	-0946.5	223	10.	10115.6	-0950.3	313	8.5	13123.3	-0915.1	403	6.7	15952.0	-0917.9
134	9.3	03455.4	-0920.9	224	10.	10138.2	-0954.8	314	9.8	13141.7	-0900.2	404	9.1	20046.7	-0944.5
135	9.8	03458.2	-0921.8	225	9.5	10139.0	-0922.1	315	9.8	13205.9	-0930.5	405	9.3	20055.7	-0933.1
136	9.2	03458.6	-0958.0	226	9.7	10235.2	-0924.7	316	8.2	13304.4	-0958.6	406	9.4	20108.7	-0950.6
137	9.4	03527.5	-0908.8	227	6.3	10256.1	-0940.7	317	9.8	13341.8	-0909.0	407	10.	20119.5	-0920.6
138	9.5	03552.2	-0934.6	228	9.5	10323.6	-0919.7	318	9.3	13345.1	-0929.9	408	9.5	20125.1	-0957.3
139	9.6	03610.8	-0915.5	229	9.3	10331.3	-0928.4	319	10.	13357.7	-0907.2	409	9.7	20137.3	-0929.1
140	9.3	03636.9	-0950.9	230	10.	10333.0	-0925.9	320	9.9	13416.2	-0949.9	410	10.	20202.5	-0951.9
141	9.3	03726.5	-0900.9	231	10.	10341.4	-0959.5	321	8.8	13448.8	-0931.2	411	9.5	20205.9	-0917.5
142	9.5	03747.0	-0939.5	232	9.7	10357.7	-0907.1	322	8.3	13452.0	-0905.7	412	9.2	20224.9	-0950.1
143	9.5	03812.0	-0911.2	233	9.5	10406.9	-0926.9	323	10.	13454.9	-0931.5	413	9.0	20239.4	-0923.3
144	9.4	03816.0	-0917.3	234	9.5	10424.4	-0944.0	324	7.0	13519.1	-0923.9	414	8.0	20306.3	-0925.8
145	9.5	03831.1	-0913.0	235	9.5	10424.5	-0934.3	325	10.	13525.5	-0901.0	415	9.4	20307.4	-0918.7
146	9.4	03844.5	-0932.1	236	10.	10508.0	-0909.5	326	9.4	13528.0	-0903.9	416	9.5	20310.7	-0932.8
147	10.	03849.0	-0943.5	237	8.0	10511.4	-0959.4	327	9.0	13541.8	-0948.0	417	9.0	20406.7	-0926.0
148	9.3	03849.2	-0933.2	238	10.	10517.0	-0923.8	328	9.1	13613.3	-0908.3	418	9.1	20410.0	-0954.1
149	10.	03851.3	-0950.8	239	9.0	10526.6	-0936.6	329	7.8	13638.8	-0923.5	419	8.7	20437.1	-0936.9
150	8.9	03853.5	-0907.4	240	9.0	10540.5	-0909.9	330	9.1	13659.1	-0921.0	420	9.6	20450.4	-0910.2
151	9.8	03921.4	-0915.5	241	8.8	10627.2	-0904.9	331	9.7	13729.5	-0933.6	421	9.8	20451.9	-0929.2
152	9.3	03958.6	-0907.6	242	9.8	10631.8	-0912.5	332	10.	13803.0	-0932.7	422	10.	20510.8	-0949.7
153	8.8	04008.2	-0912.7	243	10.	10700.1	-0937.4	333	9.9	13825.1	-0920.9	423	9.5	20525.1	-0923.6
154	9.4	04029.1	-0915.0	244	9.7	10709.8	-0945.4	334	10.	13827.9	-0953.6	424	9.6	20536.8	-0901.2
155	9.6	04043.5	-0906.3	245	10.	10710.0	-0908.1	335	9.6	13911.4	-0952.3	425	9.4	20604.6	-0955.0
156	9.3	04056.7	-0922.0	246	8.9	10743.4	-0954.1	336	9.8	13931.5	-0913.4	426	9.5	20619.2	-0925.4
157	10.	04124.7	-0905.5	247	9.8	10814.6	-0933.8	337	9.6	13933.1	-0922.1	427	8.4	20626.3	-0930.2
158	10.	04140.2	-0940.8	248	9.5	10816.6	-0943.8	338	8.5	13956.4	-0909.6	428	9.1	20643.0	-0912.8
159	9.4	04140.9	-0951.4	249	9.7	10935.8	-0905.3	339	10.	14032.2	-0939.5	429	6.7	20645.5	-0944.4
160	9.3	04154.7	-0924.6	250	9.2	10938.4	-0912.7	340	10.	14033.0	-0953.4	430	9.8	20735.7	-0959.8
161	9.5	04242.3	-0917.9	251	9.6	10952.1	-0926.9	341	9.8	14043.9	-0908.7	431	8.8	20833.3	-0941.5
162	9.8	04310.1	-0908.5	252	9.5	11004.3	-0910.6	342	8.2	14103.0	-0958.3	432	9.4	20855.5	-0930.9
163	9.4	04313.0	-0959.2	253	9.5	11055.0	-0952.0	343	8.5	14140.9	-0905.0	433	8.8	20857.9	-0934.7
164	9.4	04314.7	-0916.7	254	9.4	11057.9	-0937.9	344	9.4	14252.6	-0936.0	434	9.8	20933.9	-0900.8
165	9.8	04319.1	-0901.7	255	9.8	11138.4	-0911.4	345	9.8	14331.1	-0914.7	435	9.5	20934.2	-0923.5
166	9.6	04320.9	-0921.8	256	8.5	11146.6	-0941.0	346	9.2	14406.7	-0958.5	436	9.1	21024.5	-0950.2
167	9.3	04336.1	-0953.1	257	9.8	11155.8	-0940.2	347	9.6	14435.7	-0920.5	437	9.8	21031.9	-0904.5
168	9.5	04356.4	-0923.2	258	9.3	11218.2	-0932.3	348	9.5	14504.1	-0933.3	438	9.8	21100.1	-0937.1
169	9.3	04359.6	-0905.5	259	9.3	11222.2	-0929.0	349	9.5	14538.2	-0923.0	439	9.4	21119.2	-0913.9
170	9.3	04413.9	-0902.2	260	9.1	11321.9	-0910.9	350	10.	14544.2	-0936.0	440	7.5	21119.3	-0901.7
171	7.6	04417.9	-0936.5	261	9.8	11406.6	-0928.5	351	9.9	14604.0	-0906.4	441	9.4	21205.0	-0902.7
172	10.	04424.5	-0931.0	262	9.1	11423.9	-0923.5	352	9.1	14616.0	-0933.3	442	9.5	21257.9	-0926.5
173	10.	04425.8	-0903.6	263	9.8	11425.4	-0911.6	353	8.3	14647.3	-0922.0	443	9.5	21323.3	-0950.6
174	9.8	04524.9	-0949.8	264	9.3	11515.6	-0947.8	354	9.5	14724.7	-0922.5	444	10.	21334.2	-0949.3
175	8.8	04526.7	-0907.2	265	9.1	11522.4	-0916.0	355	9.0	14739.6	-0911.1	445	8.5	21350.9	-0924.0
176	9.1	04537.8	-0942.5	266	9.1	11550.0	-0911.5	356	8.2	14821.6	-0919.1	446	10.	21433.9	-0956.9
177	10.	04540.2	-0951.4	267	9.0	11602.4	-0948.2	357	9.5	14827.1	-0910.7	447	9.3	21434.4	-0928.3
178	9.8	04609.9	-0921.7	268	9.8	11630.2	-0933.0	358	10.	14916.4	-0928.5	448	10.	21444.4	-0956.3
179	9.8	04622.8	-0913.3	269	9.3	11706.5	-0915.1	359	9.3	14933.6	-0906.8	449	9.8	21452.8	-0953.5
180	8.5	04623.8	-0905.8	270	9.4	11733.3	-0923.4	360	9.8	14941.8	-0931.8	450	9.0	21456.5	-0935.5
181	6.2	04659.0	-0931.2	271	9.5	11803.7	-0951.2	361	9.5	14947.1	-0932.1	451	9.1	21536.4	-0918.7
182	9.5	04748.3	-0927.2	272	7.0	11840.0	-0915.8	362	9.5	14957.5	-0942.2	452	9.0	21550.7	-0907.0
183	9.4	04814.0	-0930.0	273	9.8	11850.9	-0929.6	363	9.8	15021.2	-0913.1	453	9.3	21557.4	-0916.0
184	9.3	04826.6	-0924.3	274	9.7	11853.3	-0912.6	364	9.0	15039.3	-0923.3	454	9.5	21558.3	-0908.9
185	9.8	04830.3	-0911.8	275	9.4	11917.9	-0911.7	365	9.2	15058.7	-0915.8	455	8.3	21708.9	-0916.3
186	10.	04902.0	-0930.9	276	8.5	11933.2	-0920.3	366	9.5	15101.7	-0917.2	456	8.4	21744.7	-0939.9
187	9.9	04907.4	-0915.1	277	9.4	12004.4	-0957.4	367	8.8	15105.0	-0909.2	457	9.0	21820.8	-0949.1
188	9.2	04908.8	-0959.6	278	9.7	12035.0	-0906.0	368	9.7	15109.8	-0905.8	458	10.	21825.1	-0936.6

459	8.6	21840.0	-0953.2	549	9.0	24742.5	-0947.0	638	9.9	31201.9	-0958.5
460	9.7	21847.8	-0915.3	550	9.7	24756.7	-0900.3	639	9.5	31216.1	-0943.0
461	8.0	21849.9	-0954.4	551	9.5	24919.4	-0918.3	640	9.8	31253.4	-0921.7
462	8.7	21923.2	-0934.1	552	9.8	24920.0	-0936.1	641	9.8	31300.3	-0932.2
463	10.	22010.8	-0910.7	553	3.7	24921.0	-0928.6	642	9.7	31302.1	-0943.9
464	9.3	22014.8	-0931.0	553a	9.7	24921.5	-0906.2	643	9.0	31355.3	-0929.4
465	10.	22043.9	-0950.4	554	9.5	24928.9	-0913.3	644	9.4	31419.8	-0945.4
466	10.	22128.0	-0938.7	555	9.5	24939.5	-0923.1	645	9.6	31424.9	-0939.9
467	8.5	22136.7	-0924.2	556	9.5	24940.6	-0925.2	646	9.8	31433.3	-0912.8
468	9.8	22230.0	-0933.9	557	9.5	25037.9	-0943.1	647	9.1	31443.4	-0953.0
469	10.	22317.1	-0947.2	558	8.4	25122.0	-0912.6	648	9.8	31451.1	-0933.1
470	9.4	22320.8	-0938.1	559	9.5	25138.4	-0937.5	649	8.5	31521.2	-0942.1
471	9.4	22340.6	-0924.2	560	9.0	25144.3	-0903.6	650	8.6	31523.9	-0950.6
472	9.5	22351.2	-0951.2	561	9.8	25148.4	-0911.9	651	10.	31546.0	-0959.0
473	10.	22423.1	-0942.6	562	9.5	25204.6	-0933.2	652	9.9	31550.0	-0924.6
474	9.8	22512.5	-0921.8	563	9.7	25205.5	-0957.2	653	8.9	31602.9	-0937.6
475	9.6	22514.8	-0905.7	564	8.8	25207.9	-0942.4	654	8.6	31719.6	-0925.4
476	8.9	22518.6	-0936.4	565	9.0	25222.7	-0949.1	655	8.8	31804.2	-0928.1
477	9.4	22531.5	-0907.5	566	8.9	25227.4	-0912.2	656	9.9	31809.3	-0945.3
478	8.2	22548.4	-0920.7	567	9.5	25228.7	-0933.4	657	9.6	31818.3	-0905.5
479	10.	22549.5	-0926.2	568	8.1	25235.3	-0959.8	658	9.8	31848.9	-0917.6
480	9.3	22617.4	-0938.7	569	9.8	25237.0	-0959.7	659	8.9	31900.5	-0957.4
481	9.1	22715.2	-0920.0	570	9.4	25304.0	-0943.6	660	9.8	31905.7	-0902.9
482	10.	22759.5	-0959.0	571	8.9	25306.1	-0948.6	661	8.8	31910.4	-0929.4
483	9.3	22816.7	-0921.6	572	8.5	25311.4	-0937.1	662	9.2	31931.1	-0933.3
484	6.7	22818.7	-0959.1	573	9.4	25316.0	-0920.3	663	9.0	31938.4	-0952.8
485	9.1	22835.9	-0925.5	574	9.8	25344.2	-0900.9	664	9.4	31941.4	-0930.4
486	8.5	22844.6	-0912.2	575	9.7	25405.6	-0942.2	665	10.	32005.0	-0959.8
487	9.7	22920.8	-0955.6	576	9.5	25431.6	-0945.3	666	10.	32027.9	-0914.5
488	9.3	22921.5	-0957.5	577	9.5	25454.1	-0926.2	667	9.4	32039.5	-0955.2
489	9.5	22946.7	-0945.7	578	10.	25536.9	-0949.3	668	9.4	32039.6	-0912.0
490	9.4	22951.4	-0904.0	579	9.4	25556.3	-0914.7	669	9.7	32056.3	-0913.7
491	9.0	22954.5	-0944.0	580	9.6	25607.0	-0906.0	670	9.0	32056.3	-0902.6
492	9.3	22956.3	-0929.5	581	9.8	25631.6	-0929.3	671	9.1	32100.9	-0909.7
493	10.	23105.1	-0933.1	582	9.0	25701.8	-0923.0	672	9.7	32111.6	-0952.9
494	9.4	23128.6	-0912.7	583	8.1	25708.9	-0901.9	673	9.7	32111.8	-0937.4
495	9.4	23148.3	-0924.7	584	8.6	25753.9	-0902.3	674	9.5	32150.7	-0900.4
496	9.0	23150.0	-0900.8	585	8.5	25812.4	-0930.9	675	9.4	32150.9	-0933.4
497	7.2	23153.3	-0933.0	586	9.5	25818.9	-0903.2	676	9.4	32206.3	-0942.3
498	9.0	23215.2	-0947.6	587	9.3	25821.0	-0925.1	677	9.1	32207.5	-0950.4
499	9.5	23231.8	-0932.1	588	9.2	25844.5	-0911.0	678	9.8	32209.9	-0910.2
500	8.3	23251.4	-0929.7	589	9.4	25907.9	-0930.1	679	9.4	32220.8	-0929.8
501	9.8	23258.4	-0937.3	590	9.5	25919.4	-0940.0	680	10.	32224.9	-0903.7
502	9.3	23301.7	-0954.5	591	8.0	25920.3	-0901.2	681	10.	32226.1	-0922.7
503	9.1	23315.3	-0917.5	592	8.1	25924.0	-0909.1	682	10.	32246.0	-0918.6
504	9.7	23319.8	-0954.9	593	10.	25933.0	-0906.3	683	9.3	32248.0	-0922.7
505	9.6	23339.4	-0915.3	594	9.8	25946.7	-0925.0	684	10.	32315.4	-0947.5
506	9.9	23340.9	-0957.7	595	8.8	25949.5	-0947.1	685	9.1	32343.6	-0923.2
507	10.	23356.3	-0935.9	596	8.8	30045.1	-0930.4	686	9.0	32351.8	-0919.4
508	10.	23357.4	-0949.3	597	9.1	30050.8	-0927.2	687	9.4	32352.0	-0950.5
509	8.4	23362.5	-0900.1	598	9.9	30119.5	-0907.5	688	9.5	32411.5	-0952.5
510	10.	23363.3	-0954.8	599	8.8	30148.4	-0900.4	689	9.4	32450.7	-0936.3
511	9.3	23371.1	-0929.1	600	9.6	30223.2	-0953.1	690	9.0	32501.1	-0952.8
512	9.8	23404.1	-0924.4	601	9.3	30238.5	-0908.9	691	8.6	32501.3	-0918.3
513	9.4	23414.4	-0959.3	602	9.5	30301.0	-0902.6	692	9.2	32502.3	-0939.5
514	8.6	23425.5	-0947.8	603	8.9	30317.9	-0941.3	693	7.5	32522.4	-0905.5
515	10.	23700.8	-0951.4	604	10.	30342.1	-0913.4	694	10.	32533.8	-0938.8
516	9.4	23701.9	-0917.5	605	10.	30353.6	-0909.6	695	9.6	32539.9	-0946.2
517	10.	23709.5	-0951.5	606	8.6	30412.2	-0925.5	696	10.	32600.7	-0926.7
518	10.	23726.1	-0940.8	607	9.8	30451.0	-0948.4	697	3.3	32603.6	-0956.7
519	9.6	23736.5	-0950.0	608	10.	30500.6	-0912.8	698	9.0	32637.1	-0950.6
520	9.4	23738.3	-0916.4	609	9.6	30505.2	-0916.6	699	10.	32643.5	-0943.5
521	9.2	23739.9	-0923.2	610	9.2	30517.3	-0911.5	700	9.8	32644.9	-0935.2
522	9.5	23809.8	-0917.9	611	8.7	30532.2	-0915.4	701	9.0	32704.3	-0936.1
523	8.8	23814.0	-0956.9	612	10.	30535.5	-0942.4	702	9.1	32719.9	-0940.8
524	9.7	23824.7	-0929.5	613	9.5	30625.6	-0947.5	703	9.4	32744.5	-0944.9
525	9.1	23838.5	-0927.1	614	10.	30632.0	-0938.3	704	9.8	32749.8	-0933.9
526	9.3	23855.4	-0919.5	615	9.6	30640.5	-0943.5	705	9.8	32750.4	-0924.0
527	9.5	23859.9	-0904.6	616	9.1	30652.6	-0946.8	706	9.3	32814.7	-0901.5
528	9.6	23936.1	-0907.0	617	8.8	30656.8	-0924.7	707	8.8	32816.1	-0915.3
529	8.0	24024.6	-0934.2	618	8.2	30657.1	-0906.8	708	8.8	32844.2	-0928.7
530	9.5	24053.8	-0917.3	619	9.0	30755.3	-0917.1	709	8.4	32849.3	-0932.3
531	9.0	24139.9	-0920.0	620	9.9	30800.8	-0919.6	710	9.3	32855.0	-0909.9
532	9.9	24146.8	-0957.3	621	9.6	30824.3	-0955.0	711	10.	32858.9	-0907.0
533	9.8	24207.6	-0903.1	622	7.0	30829.2	-0918.6	712	9.5	32936.7	-0924.2
534	10.	24214.7	-0909.9	623	10.	30844.7	-0913.5	713	9.8	33002.4	-0938.5
535	9.4	24234.5	-0918.1	624	5.0	30848.0	-0921.3	714	9.5	33016.6	-0933.9
536	9.5	24246.8	-0931.2	625	9.0	30901.6	-0948.0	715	9.6	33021.2	-0925.0
537	9.8	24349.3	-0919.4	626	9.6	30908.6	-0932.2	716	10.	33029.3	-0929.6
538	10.	24419.9	-0927.8	627	6.5	30934.1	-0941.5	717	8.7	33218.3	-0928.4
539	9.9	24444.5	-0953.3	628	9.2	30935.7	-0935.3	718	9.5	33304.2	-0952.3
540	9.0	24517.0	-0935.1	629	9.0	30941.9	-0928.5	719	7.0	33310.3	-0930.7
541	10.	24531.5	-0950.4	630	9.7	31023.5	-0938.6	720	9.5	33310.7	-0949.9
542	9.8	24540.3	-0934.2	631	8.9	31041.0	-0936.9	721	9.9	33329.3	-0922.6
543	8.7	24612.0	-0931.8	632	9.8	31102.6	-0901.5	722	8.8	33348.7	-0920.1
544	7.8	24622.2	-0926.5	633	8.8	31104.9	-0959.4	723	9.2	33406.3	-0927.1
545	9.5	24630.9	-0948.3	634	9.5	31125.1	-0950.9	724	8.5	33422.0	-0939.8
546	9.5	24654.4	-0958.8	635	8.2	31147.2	-0907.9	725	10.	33442.5	-0901.3
547	9.8	24709.3	-0948.6	636	9.7	31149.9	-0921.1	726	9.7	33450.4	-0917.1
548	9.7	24728.1	-0930.4	637	9.9	31151.6	-0941.5	727	10.	33452.2	-0952.0
728	9.5	33454.7	-0931.4								
729	9.7	33512.2	-0922.0								
730	9.7	33515.2	-0921.1								
731	9.6	33541.1	-0932.8								
732	9.2	33555.4	-0942.2								
733	8.3	33556.3	-0919.2								
734	9.7	33630.3	-0919.0								
735	10.	33645.1	-0908.1								
736	9.0	33656.5	-0947.9								
737	9.1	33721.4	-0933.5								
738	8.3	33731.6	-0903.1								
739	9.9	33804.3	-0955.7								
740	9.0	33816.7	-0929.3								
741	8.0	33857.9	-0927.7								
742	9.2	33906.2	-0907.3								
743	8.2	33938.3	-0954.2								
744	10.	33939.3	-0922.9								
745	8.8	33952.3	-0950.2								
746	9.3	34019.1	-0924.5								
747	10.	34033.0	-0956.6								
748	8.8	34036.6	-0914.2								
749	8.8	34046.2	-0903.9								
750	10.	34108.8	-0919.8								
751	9.3	34114.8	-0931.0								
752	10.	34133.4	-0949.7								
753	10.	34234.5	-0932.5								
754	9.2	34239.0	-0954.9								
755	9.5	34251.7	-0946.2								
756	9.7	34303.8	-0928.8								
757	9.1	34308.7	-0905.4								
758	9.2	34320.2	-0941.7								
759	9.7	34351.2	-0934.8								
760	8.9	34400.6	-0902.2								
761	9.1	34426.9	-0920.6								
762	9.5	34450.2	-0927.7								
763	9.2	34450.2	-0920.5								
764	9.2	34530.8	-0909.9								
765	9.8	34545.5	-0930.3								
766	9.2	34548.9	-0914.4								
767	9.4	34609.7	-0903.5								
768	9.2	34643.2	-0929.5								
769	9.5	34652.6	-0936.2								
770	9.1	34655.3	-0941.5								
771	9.7	34735.2	-0924.9								
772	9.9	34735.7	-0903.8								
773	7.0	34738.2	-0957.0								
774	9.2	34739.5	-0907.2								
775	8.7	34811.2	-0921.1								
776	10.	34819.3	-0952.6								
777	9.3	34837.8	-0949.1								
778	10.	34838.0	-0917.5								
779	9.0	34838.4	-0907.9								
780	9.3	34933.7	-0935.5								
781	10.	35017.9	-0909.7								
782	8.7	35110.5	-0919.4								
783	8.1	35123.4	-0925.1								
784	10.	35132.1	-0934.4								
785	9.0	35132.9	-0943.0								
786	9.1	35145.7	-0920.5								
787	9.8	35223.7	-0902.3								
788	10.	35240.5	-0955.5								
789	10.	35241.3	-0958.9								
790	9.3	35246.4	-0942.6								
791	9.0	35312.1	-0944.6								
792	9.3	35322.1	-0946.9								
793	9.0	35400.3	-0925.6								
794	8.4	35408.8	-0959.8								
795	10.	35409.5	-0953.2								
796	9.4	35435.5	-0923.1								
797	9.4	35437.0	-0957.9								
798	9.9	35501.6	-0904.4								
799	9.7	35515.6	-0932.6								
800	9.3	35551.7	-0910.7								
801	8.4	35604.1	-0909.6								
802	10.	35637.8	-0958.3								
803	9.4	35639.3	-0919.7								
804	9.5	35648.8	-0957.5								
805	9.4	35743.4	-0914.3								
806	9.0	35752.6	-0928.7								
807	8.0	35808.7	-0939.6								
808	9.5	35830.7	-0950.4								
809	9.4	35838.2	-0927.0								
810	9.5	35855.4	-0958.6								
811	6.3	35857.8	-0914.7								
812	9.1	35909.7	-0911.4								
813	9.0	35916.6	-0906.3								
814	9.8	40004.9	-0902.8								
815	8.8	40017.8	-0909.2								
816	9.8	40023.7	-0903.4								
817	9.5	40031.0	-0929.1								

-09 818 4h00m

-09 1177 5h27m

818	9.8	40042.9	-0955.7	908	9.3	42245.4	-0912.8	998	9.0	44245.4	-0910.8	1088	9.2	50332.5	-0915.3
819	9.0	40047.2	-0950.2	909	9.3	42305.3	-0931.9	999	10.	44258.6	-0936.2	1089	9.3	50346.6	-0935.5
820	9.3	40047.4	-0904.1	910	9.3	42320.4	-0934.1	1000	9.1	44304.4	-0951.1	1090	9.8	50412.4	-0900.2
821	10.	40057.6	-0942.5	911	9.4	42334.2	-0921.8	1001	9.7	44338.4	-0927.4	1091	9.0	50413.5	-0935.1
822	9.0	40125.5	-0922.9	912	9.2	42359.1	-0900.3	1002	8.1	44349.3	-0948.3	1092	9.5	50428.4	-0911.8
823	7.6	40147.7	-0903.3	913	9.5	42407.4	-0949.1	1003	9.9	44354.2	-0941.8	1093	9.5	50452.5	-0917.6
824	9.7	40221.9	-0949.7	914	10.	42423.7	-0955.3	1004	9.3	44359.2	-0911.4	1094	8.0	50459.0	-0916.2
825	8.7	40228.8	-0950.4	915	9.2	42433.0	-0951.3	1005	9.3	44407.4	-0950.5	1095	8.5	50505.3	-0907.3
826	9.8	40231.4	-0925.2	916	9.8	42433.0	-0930.4	1006	9.7	44423.1	-0939.8	1096	9.5	50508.0	-0958.0
827	9.2	40234.6	-0901.0	917	9.1	42456.6	-0909.5	1007	9.5	44432.0	-0900.5	1097	9.0	50541.6	-0927.5
828	9.1	40250.5	-0958.8	918	9.0	42459.1	-0909.6	1008	9.5	44435.5	-0931.9	1098	9.0	50551.7	-0933.8
829	9.3	40305.8	-0908.7	919	9.5	42510.6	-0956.0	1009	10.	44529.5	-0955.3	1099	8.4	50604.4	-0900.1
830	9.6	40310.9	-0926.1	920	9.0	42511.4	-0936.7	1010	9.4	44536.7	-0910.6	1100	9.5	50610.9	-0901.8
831	9.8	40311.5	-0914.4	921	8.8	42518.8	-0955.2	1011	9.3	44543.2	-0909.0	1101	9.6	50623.1	-0930.2
832	9.4	40318.4	-0934.2	922	9.6	42539.4	-0951.8	1012	9.8	44605.6	-0932.8	1102	9.2	50646.3	-0905.9
833	9.0	40319.0	-0911.5	923	10.	42546.7	-0956.2	1013	8.2	44610.4	-0948.2	1103	9.5	50731.0	-0957.1
834	9.1	40327.6	-0943.5	924	9.3	42600.8	-0919.1	1014	9.6	44628.2	-0907.2	1104	9.5	50748.1	-0929.0
835	9.3	40328.7	-0945.3	925	9.1	42624.1	-0947.2	1015	9.3	44629.7	-0939.7	1105	9.3	50755.1	-0932.3
836	10.	40332.8	-0926.7	926	9.8	42624.9	-0925.5	1016	9.0	44632.2	-0907.8	1106	10.	50803.7	-0926.4
837	6.0	40348.7	-0911.8	927	9.0	42631.6	-0945.9	1017	9.7	44638.8	-0930.0	1107	9.0	50834.6	-0937.7
838	9.5	40353.1	-0939.2	928	9.5	42704.7	-0951.8	1018	9.0	44644.5	-0953.5	1108	9.3	50842.6	-0941.7
839	9.1	40414.0	-0957.7	929	9.5	42711.9	-0919.1	1019	9.4	44709.5	-0930.9	1109	9.2	50854.3	-0902.2
840	9.9	40450.4	-0953.0	930	5.0	42715.2	-0916.3	1020	9.1	44711.4	-0906.1	1110	9.0	50908.0	-0958.5
841	10.	40452.3	-0950.0	931	9.7	42718.2	-0906.6	1021	9.1	44718.5	-0934.3	1111	9.5	50949.1	-0958.5
842	9.4	40455.1	-0912.3	932	9.9	42745.1	-0917.4	1022	9.4	44758.9	-0914.4	1112	9.1	51005.8	-0916.8
843	7.0	40456.8	-0913.0	933	9.4	42815.7	-0932.4	1023	9.1	44823.6	-0947.0	1113	9.5	51020.0	-0906.4
844	8.5	40505.1	-0939.1	934	8.6	42841.6	-0928.5	1024	10.	44853.6	-0959.6	1114	9.9	51033.7	-0907.1
845	9.8	40522.1	-0938.0	935	9.9	42849.3	-0959.3	1025	9.3	44904.0	-0919.6	1115	9.1	51055.7	-0935.6
846	9.2	40533.7	-0929.5	936	9.8	42852.2	-0954.9	1026	9.8	44925.5	-0955.9	1116	9.5	51056.5	-0927.1
847	9.4	40541.2	-0957.0	937	9.4	42917.6	-0920.1	1027	9.8	44927.6	-0934.6	1117	9.5	51117.5	-0936.0
848	9.3	40619.9	-0954.1	938	10.	42931.5	-0937.2	1028	9.5	44928.4	-0914.7	1118	9.3	51144.6	-0906.1
849	8.8	40622.4	-0950.7	939	9.1	42940.9	-0905.6	1029	9.5	44931.7	-0908.9	1119	9.0	51149.6	-0912.4
850	9.8	40624.5	-0934.9	940	9.6	43021.9	-0932.4	1030	9.3	45006.4	-0904.0	1120	9.3	51205.1	-0958.4
851	9.6	40651.0	-0957.0	941	10.	43024.4	-0901.0	1031	9.3	45006.8	-0910.6	1121	9.4	51211.7	-0933.6
852	9.0	40651.8	-0943.6	942	9.5	43035.3	-0946.4	1032	8.3	45021.2	-0939.1	1122	9.5	51211.7	-0919.1
853	9.2	40715.9	-0950.7	943	9.8	43044.6	-0957.3	1033	9.0	45022.1	-0931.2	1123	9.5	51219.5	-0902.5
854	9.0	40726.8	-0913.0	944	8.5	43103.2	-0920.7	1034	9.4	45027.0	-0921.8	1124	9.3	51226.0	-0955.7
855	9.1	40813.9	-0915.9	945	9.4	43119.6	-0913.4	1035	9.8	45035.1	-0954.3	1125	8.5	51236.7	-0935.8
856	8.4	40817.9	-0951.5	946	9.1	43131.7	-0938.2	1036	9.5	45043.8	-0913.0	1126	8.0	51242.0	-0951.8
857	9.5	40836.9	-0917.2	947	7.8	43139.1	-0938.0	1037	9.8	45100.4	-0947.1	1127	9.8	51258.3	-0940.4
858	9.8	40941.0	-0925.1	948	8.7	43140.2	-0920.0	1038	9.5	45104.1	-0956.0	1128	9.5	51316.1	-0924.5
859	8.3	40943.8	-0948.8	949	10.	43204.7	-0900.7	1039	9.0	45112.6	-0958.7	1129	10.	51324.6	-0929.9
860	9.3	41016.7	-0927.8	950	8.8	43230.6	-0914.0	1040	9.0	45117.3	-0954.8	1130	9.0	51330.8	-0942.5
861	9.2	41047.1	-0946.1	951	9.3	43236.6	-0900.1	1041	9.8	45140.2	-0941.8	1131	9.2	51333.7	-0918.6
862	9.2	41101.4	-0947.9	952	9.1	43239.6	-0924.8	1042	8.2	45141.1	-0933.3	1132	10.	51351.2	-0958.2
863	9.8	41112.2	-0959.9	953	9.4	43253.3	-0919.7	1043	9.3	45210.8	-0943.3	1133	10.	51419.0	-0955.6
864	9.5	41132.6	-0902.9	954	9.8	43309.7	-0942.2	1044	8.8	45228.5	-0920.4	1134	9.3	51425.5	-0952.5
865	9.5	41142.5	-0951.4	955	9.5	43319.6	-0955.9	1045	7.8	45231.1	-0922.8	1135	9.4	51436.7	-0919.0
866	10.	41147.8	-0912.4	956	9.6	43335.2	-0929.0	1046	9.0	45253.4	-0911.4	1136	10.	51513.9	-0929.2
867	10.	41205.1	-0932.4	957	9.5	43338.4	-0901.0	1047	9.3	45303.2	-0958.0	1137	9.0	51519.7	-0914.5
868	9.4	41221.0	-0925.9	958	9.2	43412.3	-0908.6	1048	9.3	45330.6	-0917.8	1138	10.	51529.9	-0946.7
869	9.4	41251.6	-0920.5	959	10.	43434.5	-0911.5	1049	9.5	45400.9	-0909.5	1139	8.6	51621.2	-0928.3
870	10.	41254.3	-0941.8	960	9.5	43435.7	-0959.6	1050	8.7	45408.9	-0926.1	1140	9.5	51652.8	-0943.4
871	9.5	41313.5	-0921.1	961	9.4	43440.8	-0921.7	1051	9.0	45448.2	-0927.0	1141	9.6	51708.1	-0954.4
872	9.1	41318.4	-0923.6	962	9.4	43453.6	-0932.5	1052	9.3	45456.1	-0922.2	1142	9.7	51713.0	-0949.6
873	8.5	41342.1	-0929.8	963	9.5	43540.5	-0907.3	1053	9.6	45501.6	-0930.9	1143	9.9	51715.6	-0958.4
874	8.0	41406.4	-0911.7	964	8.5	43542.7	-0905.1	1054	10.	45504.7	-0948.8	1144	10.	51718.6	-0911.7
875	10.	41411.2	-0959.7	965	10.	43543.3	-0952.0	1055	7.3	45541.8	-0906.8	1145	9.0	51754.7	-0922.0
876	9.4	41415.8	-0954.3	966	8.9	43607.5	-0925.0	1056	9.5	45553.6	-0919.0	1146	9.6	51814.1	-0906.6
877	9.5	41436.5	-0944.0	967	9.3	43612.0	-0958.2	1057	9.1	45612.2	-0927.6	1147	9.1	51823.2	-0933.3
878	9.5	41443.0	-0954.2	968	8.0	43620.6	-0953.9	1058	9.3	45614.5	-0918.3	1148	9.8	51842.0	-0926.5
879	9.5	41447.6	-0922.7	969	7.0	43637.5	-0903.8	1059	9.5	45618.5	-0927.1	1149	9.8	51843.0	-0920.4
880	9.3	41512.8	-0913.8	970	8.0	43638.2	-0903.9	1060	10.	45626.1	-0901.8	1150	8.0	51847.7	-0940.7
881	9.3	41514.6	-0957.9	971	9.2	43646.2	-0916.6	1061	9.5	45633.6	-0955.3	1151	9.5	51853.3	-0924.6
882	8.8	41520.2	-0926.9	972	9.2	43730.1	-0912.6	1062	8.8	45635.7	-0948.9	1152	9.2	51903.3	-0946.9
883	9.3	41520.4	-0908.2	973	9.8	43746.0	-0927.9	1063	9.5	45645.8	-0907.2	1153	8.0	51907.6	-0913.1
884	9.5	41522.6	-0958.0	974	8.5	43750.4	-0921.3	1064	9.8	45700.2	-0927.7	1154	9.5	51942.8	-0934.8
885	10.	41614.2	-0938.2	975	10.	43827.7	-0937.1	1065	9.6	45702.9	-0947.8	1155	9.0	51949.7	-0932.1
886	9.9	41623.9	-0944.8	976	9.5	43856.8	-0941.1	1066	9.5	45721.4	-0914.5	1156	9.5	52009.8	-0924.6
887	9.5	41649.8	-0904.5	977	8.5	43905.0	-0955.3	1067	9.2	45748.3	-0935.8	1157	10.	52039.0	-0947.8
888	9.2	41651.6	-0932.5	978	8.8	43920.5	-0944.6	1068	9.3	45749.6	-0955.0	1158	9.3	52104.2	-0956.8
889	8.6	41655.5	-0952.6	979	9.2	43941.3	-0934.4	1069	9.5	45807.5	-0956.5	1159	9.5	52110.5	-0929.4
890	9.3	41719.0	-0917.6	980	9.6	44005.8	-0933.2	1070	9.8	45819.3	-0905.0	1160	10.	52111.7	-0905.0
891	9.4	41728.1	-0926.6	981	9.5	44015.2	-0932.1	1071	9.8	45833.9	-0932.5	1161	9.4	52124.6	-0930.5
892	8.2	41744.8	-0905.0	982	10.	44032.0	-0900.6	1072	9.5	45837.4	-0942.4	1162	9.5	52142.6	-0912.5
893	9.4	41745.2	-0948.8	983	9.6	44033.8	-0907.5	1073	10.	45847.2	-0951.8	1163	9.5	52159.9	-0942.7
894	7.7	41749.4	-0933.3	984	9.4	44039.4	-0950.6	1074	8.3	45849.3	-0938.0	1164	9.5	52223.9	-0945.9
895	9.5	41752.6	-0928.0	985	8.5	44045.8	-0931.0	1075	9.0	45930.3	-0905.6	1165	8.5	52325.0	-0946.8
896	8.7	41754.3	-0904.7	986	7.7	44119.3	-0945.8	1076	9.0	45932.9	-0953.3	1166	9.3	52338.5	-0901.1
897	9.5	41827.1	-0952.5	987	10.	44123.1	-0911.6	1077	9.5	45941.5	-0915.0	1167	9.3	52339.3	-0932.2
898	9.1	41948.9	-0908.8	988	9.7	44130.9	-0924.9	1078	9.3	45948.8	-0949.3	1168	9.5	52413.1	-0953.0
899	8.2	42011.0	-0913.7	989	9.5	44142.0	-0903.0	1079	9.0	50012.6	-0920.3	1169	9.5	52420.2	-0929.5
900	9.7	42012.5	-0955.1	990	9.8	44143.4	-0926.7	1080	9.5	50057.4	-0913.2	1170	10.	52423.6	-0912.3
901	8.8	42043.1	-0952.9	991	9.5	44145.9	-0945.0	1081	8.5	50114.5	-0917.7	1171	9.5	52434.0	-0948.5
902	9.8	42052.7	-0921.9	992	9.0	44204.8	-0915.3	1082	9.5	50140.0	-0959.6	1172	10.	52545.1	-0955.2
903	9.4	42117.2	-0936.0	993	9.8	44205.9	-0919.0	1083	9.4	50144.7	-0926.8	1173	9.5	52552.6	-0907.8
904	9.3	42202.2	-0958.2	994	10.	44213.3	-0949.9	1084	9.5	50149.0	-0958.3	1174	9.5	52553.0	-0946.6
905	9.1	42209.1	-0925.9	995	7.7	44222.8	-0916.0	1085	9.5	50258.8	-0947.9	1175	8.6	52633.2	-0929.7
906	9.5	42238.0	-0916.5	996	9.4	44236.5	-0902.8	1086	9.0	50259.5	-0917.5	1176	8.5	52658.6	-0909.2
907	9.5	42244.8	-0943.0	997	10.	44239.2	-0940.5	1087	9.3	50301.2	-0918.6	1177	9.5	52709.9	-0942.6

1178	9.3	52710.7	-0914.5	1268	9.0	54856.8	-0925.5	1358	9.5	60420.8	-0925.3
1179	9.4	52734.8	-0931.4	1269	9.5	54918.7	-0919.1	1359	8.0	60426.2	-0936.5
1180	9.2	52759.1	-0952.9	1270	9.0	54924.7	-0956.8	1360	9.1	60448.7	-0913.7
1181	9.8	52806.7	-0933.4	1271	9.0	54924.7	-0915.1	1361	9.3	60453.0	-0921.7
1182	9.4	52816.7	-0936.9	1272	9.3	54934.7	-0916.0	1362	10.	60456.5	-0947.2
1183	9.3	52820.7	-0920.8	1273	10.	54945.7	-0916.4	1363	9.1	60459.6	-0925.3
1184	9.6	52842.8	-0930.9	1274	8.0	54955.7	-0919.5	1364	9.2	60504.6	-0950.0
1185	10.	52857.2	-0956.8	1275	9.0	55005.5	-0950.1	1365	10.	60518.4	-0910.7
1186	9.5	52910.0	-0920.6	1276	9.7	55005.7	-0921.3	1366	8.3	60527.9	-0941.5
1187	10.	52927.1	-0950.6	1277	9.5	55012.6	-0956.3	1367	9.5	60529.3	-0923.7
1188	9.5	52946.2	-0953.7	1278	10.	55045.7	-0912.8	1368	9.0	60531.9	-0929.1
1189	10.	52946.5	-0945.7	1279	9.5	55059.7	-0922.2	1369	9.4	60546.5	-0939.2
1190	10.	52952.7	-0918.4	1280	9.5	55128.7	-0923.5	1370	10.	60547.7	-0950.9
1191	9.5	53018.7	-0918.4	1281	9.3	55134.7	-0919.6	1371	9.4	60549.1	-0931.4
1192	9.1	53022.8	-0926.4	1282	10.	55139.5	-0950.2	1372	9.3	60600.0	-0930.9
1193	9.0	53035.7	-0920.2	1283	10.	55144.0	-0917.4	1373	8.3	60619.6	-0902.9
1194	9.1	53127.3	-0931.8	1284	7.0	55206.2	-0923.4	1374	9.0	60624.4	-0951.4
1195	9.3	53138.5	-0902.3	1285	5.5	55210.9	-0935.0	1375	9.5	60633.1	-0933.8
1196	9.5	53152.1	-0951.0	1286	9.0	55231.4	-0948.3	1376	9.1	60643.7	-0909.8
1197	6.5	53238.1	-0947.3	1287	9.3	55237.4	-0948.3	1377	9.4	60701.7	-0910.9
1198	9.3	53242.6	-0909.1	1288	9.4	55239.1	-0930.5	1378	9.0	60703.5	-0945.1
1199	9.3	53244.3	-0957.6	1289	10.	55245.8	-0934.3	1379	9.8	60718.3	-0912.6
1200	9.4	53254.6	-0946.9	1290	9.5	55254.6	-0938.0	1380	9.5	60725.1	-0958.0
1201	9.0	53341.7	-0916.6	1291	8.5	55301.3	-0904.6	1381	9.0	60746.6	-0926.0
1202	10.	53347.6	-0923.6	1292	9.5	55315.6	-0916.0	1382	9.5	60806.8	-0946.0
1203	8.5	53404.2	-0952.2	1293	10.	55336.7	-0910.3	1383	9.4	60814.4	-0957.8
1204	8.3	53441.3	-0934.4	1294	9.0	55339.5	-0952.2	1384	9.0	60834.4	-0922.1
1205	9.2	53441.7	-0919.6	1295	9.3	55341.5	-0949.1	1385	8.3	60837.5	-0948.3
1206	10.	53453.2	-0955.4	1296	9.5	55349.7	-0913.5	1386	9.0	60838.5	-0932.1
1207	9.5	53509.8	-0929.5	1297	9.5	55351.7	-0953.6	1387	9.4	60839.9	-0910.0
1208	9.5	53510.7	-0923.2	1298	9.5	55355.6	-0901.6	1388	9.0	60841.9	-0925.1
1209	9.1	53530.3	-0959.8	1299	9.2	55407.2	-0940.5	1389	9.1	60910.6	-0905.5
1210	7.8	53531.8	-0939.6	1300	9.2	55411.7	-0957.0	1390	8.7	60913.7	-0952.7
1211	10.	53554.2	-0946.1	1301	9.4	55511.2	-0941.9	1391	9.4	60915.3	-0902.0
1212	10.	53610.0	-0916.5	1302	10.	55519.6	-0902.4	1392	9.5	60927.4	-0942.8
1213	7.3	53644.8	-0900.4	1303	9.0	55521.6	-0911.3	1393	10.	60928.4	-0950.1
1214	10.	53655.7	-0918.7	1304	9.2	55522.8	-0924.2	1394	9.5	60931.1	-0906.7
1215	9.3	53658.6	-0906.2	1305	9.4	55533.7	-0958.5	1395	8.2	60931.5	-0953.6
1216	9.0	53716.8	-0931.0	1306	10.	55541.6	-0904.1	1396	9.5	60936.0	-0942.5
1217	9.5	53721.0	-0906.6	1307	9.0	55545.1	-0936.9	1397	9.2	60941.1	-0935.2
1218	9.3	53725.1	-0941.6	1308	9.2	55546.2	-0941.3	1398	9.4	60945.1	-0901.2
1219	9.3	53758.3	-0947.3	1309	9.3	55610.5	-0934.8	1399	9.1	60956.3	-0936.4
1220	9.5	53803.4	-0951.8	1310	9.3	55611.4	-0942.1	1400	9.6	61024.2	-0953.8
1221	8.5	53811.5	-0900.8	1311	10.	55612.7	-0958.1	1401	9.3	61027.9	-0927.4
1222	9.1	53852.9	-0904.2	1312	9.0	55613.7	-0914.8	1402	8.5	61029.2	-0935.2
1223	9.7	53858.7	-0901.0	1313	9.5	55615.6	-0909.9	1403	9.3	61032.8	-0915.5
1224	9.3	53914.0	-0938.8	1314	10.	55639.9	-0947.7	1404	8.8	61057.3	-0955.9
1225	10.	53924.3	-0932.3	1315	9.6	55706.9	-0931.3	1405	10.	61058.0	-0943.2
1226	10.	53932.4	-0916.3	1316	9.5	55708.6	-0948.5	1406	9.4	61126.1	-0945.6
1227	10.	53934.4	-0908.6	1317	9.1	55709.7	-0936.4	1407	9.7	61127.9	-0955.7
1228	10.	53946.5	-0912.5	1318	9.5	55711.6	-0950.1	1408	9.4	61131.2	-0909.5
1229	9.4	53958.7	-0936.5	1319	9.0	55728.4	-0931.5	1409	9.5	61137.5	-0953.2
1230	9.2	54004.3	-0906.0	1320	9.5	55729.2	-0957.9	1410	9.8	61149.6	-0933.9
1231	8.0	54005.4	-0953.5	1321	8.2	55816.2	-0916.5	1411	5.8	61156.3	-0920.2
1232	9.4	54035.2	-0954.0	1322	9.3	55819.0	-0935.2	1412	9.3	61216.6	-0918.6
1233	9.7	54047.7	-0927.7	1323	9.3	55824.3	-0926.5	1413	10.	61217.8	-0956.2
1234	7.8	54051.8	-0934.1	1324	9.7	55829.1	-0904.6	1414	9.5	61227.9	-0957.7
1235	2.5	54053.2	-0944.2	1325	9.5	55835.7	-0919.3	1415	9.6	61232.6	-0927.0
1236	9.5	54103.5	-0918.6	1326	9.0	55905.7	-0921.0	1416	8.7	61235.7	-0914.1
1237	10.	54118.6	-0903.4	1327	9.2	55918.0	-0948.0	1417	9.0	61238.7	-0944.0
1238	9.4	54122.9	-0934.3	1328	9.2	55918.6	-0935.9	1418	9.6	61240.9	-0927.8
1239	10.	54132.7	-0921.7	1329	9.6	55923.9	-0958.4	1419	8.5	61243.8	-0920.0
1240	9.0	54147.5	-0954.5	1330	10.	55925.8	-0954.6	1420	9.1	61308.0	-0931.0
1241	10.	54157.6	-0912.7	1331	9.7	55934.3	-0926.7	1421	9.5	61308.5	-0902.9
1242	9.0	54203.2	-0945.9	1332	10.	55936.2	-0957.1	1422	9.4	61344.3	-0913.0
1243	8.7	54203.7	-0943.2	1333	8.4	60006.3	-0943.2	1423	7.2	61348.2	-0950.4
1244	8.5	54222.0	-0926.6	1334	9.5	60018.6	-0906.3	1424	9.1	61349.9	-0939.5
1245	8.9	54251.3	-0948.1	1335	9.5	60043.7	-0957.7	1425	9.5	61350.9	-0923.0
1246	9.5	54259.7	-0918.5	1336	9.5	60049.6	-0909.9	1426	10.	61353.5	-0927.9
1247	9.4	54320.8	-0944.0	1337	9.0	60100.3	-0925.0	1427	9.5	61404.6	-0935.4
1248	10.	54332.8	-0958.8	1338	8.2	60100.8	-0926.3	1428	9.5	61409.0	-0900.7
1249	9.3	54333.6	-0901.9	1339	9.5	60121.0	-0933.6	1429	9.1	61412.5	-0903.1
1250	9.3	54334.1	-0936.9	1340	9.5	60134.6	-0954.1	1430	9.8	61443.7	-0945.1
1251	9.0	54335.3	-0944.0	1341	9.5	60144.8	-0959.5	1431	7.5	61450.6	-0936.9
1252	9.5	54413.8	-0925.1	1342	9.8	60151.7	-0920.0	1432	9.4	61458.2	-0935.8
1253	9.5	54458.6	-0947.9	1343	8.0	60206.1	-0937.7	1433	10.	61505.9	-0953.0
1254	7.5	54510.5	-0950.7	1344	9.7	60206.4	-0929.2	1434	8.2	61506.1	-0925.6
1255	6.0	54512.6	-0905.4	1345	8.5	60223.6	-0907.0	1435	9.4	61522.4	-0923.6
1256	9.5	54521.9	-0928.7	1346	9.0	60226.9	-0931.2	1436	9.8	61526.0	-0947.3
1257	8.0	54526.5	-0900.3	1347	8.5	60255.8	-0925.4	1437	9.8	61526.9	-0921.6
1258	9.3	54531.1	-0936.4	1348	9.4	60300.8	-0924.1	1438	9.4	61543.1	-0907.5
1259	9.0	54641.4	-0932.7	1349	8.5	60330.7	-0919.7	1439	9.0	61604.0	-0944.2
1260	9.3	54711.2	-0958.7	1350	10.	60348.6	-0911.9	1440	9.8	61615.9	-0926.3
1261	9.9	54738.8	-0926.3	1351	9.0	60350.6	-0949.6	1441	9.4	61620.3	-0956.7
1262	8.0	54758.6	-0912.6	1352	8.6	60351.6	-0949.6	1442	9.2	61634.6	-0948.8
1263	9.5	54805.8	-0925.1	1353	9.0	60355.7	-0913.2	1443	9.3	61638.6	-0927.9
1264	7.2	54814.5	-0950.2	1354	9.4	60358.8	-0932.6	1444	6.3	61643.5	-0948.4
1265	9.5	54823.7	-0919.6	1355	9.6	60401.2	-0933.1	1445	9.4	61644.3	-0916.9
1266	8.6	54838.6	-0953.8	1356	9.5	60404.6	-0911.0	1446	8.5	61652.8	-0916.7
1267	9.0	54851.7	-0956.9	1357	9.7	60407.6	-0911.9	1447	10.	61704.3	-0938.1
1448	9.8	61708.7	-0912.4								
1449	9.1	61710.8	-0919.4								
1450	9.3	61747.4	-0934.0								
1451	9.5	61803.9	-0927.3								
1452	9.4	61806.1	-0904.8								
1453	10.	61813.9	-0959.1								
1454	8.6	61821.6	-0903.4								
1455	9.8	61824.3	-0948.8								
1456	7.5	61827.0	-0900.6								
1457	9.8	61905.4	-0940.3								
1458	9.0	61912.3	-0919.3								
1459	9.8	61917.1	-0909.8								
1460	9.5	61918.3	-0955.9								
1461	9.6	61920.3	-0928.9								
1462	8.0	61926.4	-0957.5								
1463	9.8	61932.0	-0904.3								
1464	8.5	61935.2	-0915.2								
1465	9.8	61943.3	-0935.0								
1466	9.8	62010.5	-0902.9								
1467	9.4	62017.4	-0920.8								
1468	9.8	62018.1	-0946.3								
1469	9.1	62021.0	-0947.0								
1470	10.	62031.4	-0941.1								
1471	9.3	62036.2	-0925.1								
1472	10.	62041.5	-0926.7								
1473	9.0	62045.7	-0908.7								
1474	9.6	62125.9	-0926.9								
1475	8.7	62127.7	-0944.1								
1476	9.0	62136.4	-0940.3								
1477	9.4	62141.1	-0950.3								
1478	9.0	62154.8	-0918.7								
1479	9.1	62207.4	-0933.1								
1480	9.3	62210.7	-0912.0								
1481	9.4	62213.1	-0946.2								
1482	10.	62223.2	-0900.0								
1483	7.7	62225.6	-0906.8								
1484	9.0	62227.1	-0949.5								
1485	9.8	62233.5	-0905.4								
1486	8.7	62233.6	-0927.0								
1487	10.	62238.8	-0933.5								
1488	9.7	62241.3	-0943.8								
1489	9.3	62243.1	-0938.3								
1490	9.0	62251.8	-0913.7								
1491	9.5	62305.2	-0952.2								
1492	9.9	62311.5	-0945.3								
1493	6.3	62319.5	-0959.3								
1494	9.8	62322.2	-0912.9								
1495	9.3	62334.6	-0918.1								
1496	9.7	62341.0	-0924.3								
1497	9.2	62355.2	-0933.1								
1498	8.6	62356.5	-0933.9								
1499	9.1	62357.9	-0909.5								
1500	9.4	62359.4	-0941.1								
1501	10.	62420.4	-0958.0								
1502	10.	62427.5	-0939.5								
1503	9.6	62437.7	-0928.8								
1504	9.1	62439.1	-0939.0								
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1506	9.8	62501.0	-0924.7								
1507	8.3	62502.2	-0932.0								
1508	9.4	62509.5	-0909.2								
1509	9.5	62512.6	-0929.9								
1510	8.5	62538.4	-0957.5								
1511	9.5	62548.5	-0925.4								
1512	9.5	62556.0	-0926.2								
1513	9.0	62604.4	-0958.8								
1514	9.4	62606.7	-0936.1								
1515	9.4	62620.1	-0936.9								
1516	9.1	62622.0	-0933.0								
1517	10.	62639.9	-0931.7								
1518	9.3	62641.9	-0920.2								
1519	8.7	62702.6	-0915.1								
1520	9.2	62708.1	-0919.9								
1521	9.1	62713.9	-0956.4								
1522	9.8	62737.9	-0908.8								
1523	9.6	62750.8	-0917.3								
1524	9.6	62751.0	-0926.7								
1525	9.8	62756.5	-0913.5								
1526	9.6	62813.2	-0931.0								
1527	9.8	62815.4	-0915.6								
1528	10.	62823.1	-0915.8								
1529	8.5	62837.5	-0915.5								
1530	9.8	62853.4	-0904.1								
1531	9.4	62858.6	-0944.5								
1532	9.8	62859.5	-0913.0								
1533	8.6	62901.6	-0920.1								
1534	9.8	62923.9	-0929.6								
1535	10.	62926.0	-0959.6								
1536	10.	62928.3	-0901.8								
1537	8.1	62935.0	-0943.1								

-09 1538 6h29m

-09 1897 7h04m

1538	9.0	62941.1	-0945.7	1628	9.1	63751.6	-0906.5	1718	10.	64710.2	-0957.0	1808	9.4	65538.1	-0950.4
1539	10.	62948.2	-0951.8	1629	8.2	63752.8	-0914.9	1719	9.8	64715.0	-0900.7	1809	9.1	65539.9	-0925.3
1540	9.8	62948.2	-0956.5	1630	9.1	63753.2	-0930.9	1720	9.8	64721.8	-0919.1	1810	9.1	65541.8	-0952.4
1541	8.8	62954.4	-0905.9	1631	9.3	63812.1	-0908.0	1721	7.5	64726.4	-0926.0	1811	9.0	65554.3	-0912.4
1542	9.7	62958.2	-0931.4	1632	9.3	63828.7	-0942.3	1722	9.4	64731.2	-0918.6	1812	10.	65558.1	-0913.0
1543	9.0	63000.4	-0945.2	1633	10.	63829.2	-0923.9	1723	9.0	64737.0	-0900.4	1813	9.5	65603.4	-0936.6
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1545	9.0	63019.5	-0914.3	1635	9.5	63831.4	-0939.9	1725	9.2	64746.5	-0913.7	1815	9.4	65621.9	-0918.7
1546	9.4	63021.9	-0957.8	1636	8.5	63831.6	-0949.9	1726	10.	64754.5	-0948.1	1816	9.0	65624.4	-0920.8
1547	9.6	63027.4	-0935.8	1637	9.2	63839.4	-0953.6	1727	9.1	64813.6	-0936.7	1817	9.2	65700.7	-0908.0
1548	9.1	63036.7	-0920.7	1638	9.8	63848.4	-0928.6	1728	8.8	64816.2	-0958.1	1818	6.3	65705.1	-0954.4
1549	8.6	63042.6	-0916.3	1639	9.8	63911.3	-0921.1	1729	7.8	64818.0	-0908.8	1819	9.4	65708.6	-0900.5
1550	9.8	63046.4	-0955.8	1640	9.3	63913.5	-0953.2	1730	8.5	64831.1	-0927.7	1820	9.7	65710.2	-0953.0
1551	9.8	63055.1	-0924.7	1641	10.	63922.2	-0951.4	1731	9.8	64841.1	-0936.4	1821	9.2	65710.7	-0938.3
1552	9.1	63059.4	-0956.0	1642	9.5	63936.6	-0917.5	1732	8.5	64842.8	-0900.3	1822	9.3	65713.4	-0903.9
1553	8.3	63103.5	-0908.6	1643	9.4	63937.7	-0916.0	1733	8.2	64843.4	-0918.2	1823	8.9	65714.8	-0926.1
1554	10.	63110.6	-0927.2	1644	6.3	63947.3	-0957.4	1734	10.	64852.1	-0951.5	1824	9.8	65724.7	-0930.1
1555	9.8	63120.7	-0925.7	1645	8.5	63955.0	-0900.5	1735	9.0	64921.4	-0944.0	1825	9.3	65729.9	-0919.7
1556	9.4	63121.2	-0928.4	1646	9.8	64003.9	-0933.3	1736	9.7	64928.2	-0912.9	1826	9.7	65746.1	-0953.5
1557	8.5	63137.7	-0911.6	1647	9.8	64006.4	-0951.0	1737	9.6	64932.3	-0912.1	1827	8.7	65749.5	-0957.2
1558	9.1	63141.4	-0938.8	1648	9.5	64029.8	-0915.1	1738	9.2	64949.7	-0955.5	1828	9.7	65756.6	-0934.3
1559	9.2	63143.0	-0927.5	1649	8.5	64031.9	-0948.1	1739	9.0	64951.6	-0936.4	1829	9.5	65808.8	-0911.0
1560	9.2	63143.5	-0939.1	1650	9.8	64037.1	-0938.1	1740	9.8	65005.2	-0944.9	1830	9.8	65809.4	-0922.8
1561	9.2	63158.8	-0938.5	1651	10.	64058.0	-0928.3	1741	9.3	65006.6	-0952.0	1831	9.3	65813.9	-0920.1
1562	9.5	63206.0	-0931.7	1652	8.6	64101.2	-0930.9	1742	9.5	65014.4	-0938.5	1832	8.8	65824.5	-0953.3
1563	9.6	63208.9	-0931.8	1653	8.7	64111.4	-0938.2	1743	9.1	65024.2	-0911.9	1833	9.3	65838.6	-0954.1
1564	8.5	63218.4	-0914.3	1654	9.0	64115.2	-0903.4	1744	9.8	65025.1	-0958.2	1834	9.5	65844.7	-0931.6
1565	10.	63222.0	-0939.4	1655	8.7	64123.7	-0950.3	1745	8.6	65027.4	-0954.2	1835	8.7	65847.9	-0924.8
1566	9.8	63224.9	-0919.5	1656	9.1	64124.9	-0935.1	1746	9.6	65029.5	-0948.6	1836	9.3	65855.3	-0908.1
1567	9.6	63226.1	-0935.2	1657	9.0	64135.8	-0930.8	1747	9.1	65030.3	-0916.8	1837	9.6	65904.9	-0916.9
1568	9.0	63228.7	-0950.7	1658	9.5	64141.7	-0956.8	1748	9.7	65031.5	-0953.3	1838	9.3	65906.7	-0916.0
1569	10.	63229.3	-0937.1	1659	8.0	64205.7	-0938.7	1749	9.5	65033.7	-0909.4	1839	9.1	65910.0	-0920.2
1570	9.8	63230.0	-0908.7	1660	9.1	64206.7	-0925.4	1750	9.1	65037.9	-0942.8	1840	9.3	65910.1	-0914.4
1571	9.6	63230.5	-0930.0	1661	9.8	64212.9	-0923.1	1751	9.8	65058.6	-0901.6	1841	9.7	65914.7	-0913.6
1572	9.3	63241.0	-0930.4	1662	10.	64220.0	-0928.9	1752	9.4	65102.4	-0919.7	1842	8.5	65915.3	-0903.9
1573	8.8	63246.7	-0943.2	1663	9.8	64223.9	-0917.6	1753	9.8	65102.9	-0930.6	1843	10.	65920.1	-0941.0
1574	9.8	63257.7	-0912.0	1664	9.6	64226.4	-0936.1	1754	9.5	65105.3	-0953.2	1844	8.2	65920.6	-0957.0
1575	9.2	63302.5	-0902.1	1665	9.3	64227.1	-0944.9	1755	9.0	65110.1	-0946.5	1845	9.5	65929.5	-0957.5
1576	9.3	63302.6	-0906.1	1666	9.0	64238.2	-0902.4	1756	9.2	65114.4	-0940.8	1846	10.	65932.5	-0916.0
1577	9.8	63309.7	-0941.2	1667	9.0	64242.0	-0923.7	1757	9.2	65121.8	-0958.5	1847	9.5	65941.4	-0941.1
1578	9.7	63312.1	-0920.7	1668	9.0	64242.0	-0950.0	1758	9.8	65124.5	-0943.0	1848	9.0	65949.7	-0956.6
1579	9.7	63312.6	-0906.2	1669	9.2	64245.5	-0931.3	1759	9.8	65127.0	-0924.1	1849	9.5	65955.5	-0949.0
1580	9.3	63316.7	-0953.6	1670	9.7	64257.9	-0920.7	1760	9.4	65128.2	-0906.5	1850	10.	65958.9	-0922.0
1581	10.	63326.6	-0959.8	1671	9.3	64304.7	-0905.0	1761	8.2	65132.6	-0959.8	1851	9.4	65959.1	-0949.7
1582	9.2	63329.6	-0947.4	1672	9.4	64316.1	-0952.9	1762	9.7	65140.4	-0917.7	1852	8.7	70000.3	-0934.9
1583	9.2	63331.6	-0953.1	1673	10.	64319.2	-0936.9	1763	9.7	65146.5	-0948.6	1853	8.1	70026.6	-0921.7
1584	10.	63332.7	-0935.0	1674	10.	64326.4	-0941.3	1764	8.7	65147.3	-0959.1	1854	7.3	70029.1	-0945.9
1585	10.	63333.0	-0938.4	1675	9.5	64327.3	-0942.4	1765	8.9	65152.2	-0908.7	1855	9.8	70034.9	-0937.5
1586	9.7	63335.5	-0919.2	1676	9.8	64353.4	-0943.0	1766	9.7	65152.9	-0940.4	1856	9.4	70056.0	-0914.8
1587	9.7	63343.2	-0926.5	1677	9.0	64359.9	-0933.2	1767	9.5	65153.1	-0927.2	1857	9.6	70110.2	-0927.6
1588	9.2	63353.3	-0947.0	1678	9.8	64404.4	-0952.0	1768	8.4	65159.9	-0950.7	1858	9.0	70119.4	-0944.6
1589	9.5	63403.1	-0957.6	1679	8.4	64406.5	-0927.9	1769	9.1	65200.7	-0954.5	1859	10.	70119.6	-0907.0
1590	9.8	63412.4	-0948.4	1680	7.0	64420.9	-0954.8	1770	9.5	65208.5	-0928.8	1860	9.6	70121.0	-0916.1
1591	9.5	63415.2	-0910.6	1681	9.8	64425.2	-0942.7	1771	10.	65217.6	-0903.4	1861	9.8	70125.0	-0914.8
1592	9.3	63416.0	-0918.4	1682	9.1	64427.9	-0924.3	1772	10.	65226.1	-0953.1	1862	9.2	70127.5	-0929.3
1593	9.4	63430.2	-0916.1	1683	9.8	64434.1	-0937.0	1773	9.8	65238.5	-0952.8	1863	9.4	70146.0	-0928.5
1594	9.7	63433.8	-0914.8	1684	9.5	64436.7	-0927.2	1774	9.0	65240.7	-0931.6	1864	9.2	70147.3	-0932.8
1595	9.3	63436.8	-0955.1	1685	9.1	64439.5	-0922.5	1775	8.6	65241.1	-0918.1	1865	9.8	70149.1	-0952.4
1596	9.4	63436.9	-0922.5	1686	8.8	64449.3	-0910.7	1776	9.6	65304.2	-0904.8	1866	9.8	70155.3	-0901.9
1597	10.	63439.0	-0918.1	1687	9.4	64455.2	-0939.4	1777	9.2	65305.7	-0934.4	1867	9.3	70208.2	-0901.4
1598	10.	63439.4	-0937.6	1688	9.8	64456.3	-0921.8	1778	9.8	65311.0	-0949.7	1868	10.	70215.0	-0947.2
1599	9.0	63456.3	-0957.6	1689	9.4	64457.4	-0943.8	1779	9.4	65313.3	-0939.0	1869	9.8	70216.1	-0951.4
1600	9.9	63456.7	-0959.1	1690	9.7	64458.7	-0945.9	1780	8.5	65317.6	-0905.5	1870	9.8	70217.3	-0907.7
1601	5.9	63500.8	-0902.1	1691	9.8	64506.9	-0943.0	1781	9.8	65322.9	-0922.5	1871	9.1	70218.4	-0913.0
1602	8.9	63513.7	-0944.2	1692	9.8	64508.7	-0935.6	1782	9.3	65333.1	-0900.4	1872	9.2	70235.4	-0929.7
1603	9.0	63520.5	-0946.5	1693	9.4	64512.8	-0957.5	1783	8.3	65348.4	-0918.1	1873	9.6	70238.8	-0902.8
1604	9.8	63522.9	-0915.2	1694	8.5	64514.0	-0922.1	1784	8.8	65350.2	-0926.4	1874	9.8	70258.4	-0910.3
1605	9.8	63530.4	-0922.0	1695	9.8	64519.8	-0914.7	1785	9.7	65355.3	-0953.4	1875	9.1	70259.7	-0904.7
1606	8.4	63530.0	-0925.8	1696	9.4	64527.5	-0923.0	1786	9.7	65359.4	-0917.8	1876	9.8	70300.2	-0916.4
1607	9.8	63556.0	-0902.9	1697	9.0	64546.3	-0959.8	1787	9.8	65406.7	-0905.3	1877	9.7	70302.2	-0904.3
1608	9.8	63556.9	-0957.5	1698	9.7	64600.9	-0943.2	1788	9.4	65409.1	-0959.6	1878	9.2	70303.5	-0958.3
1609	8.5	63608.4	-0935.4	1699	9.0	64601.0	-0949.5	1789	9.1	65420.4	-0944.1	1879	9.9	70308.3	-0922.5
1610	9.0	63608.5	-0956.0	1700	8.8	64604.3	-0911.8	1790	9.0	65423.9	-0915.8	1880	8.4	70316.4	-0906.8
1611	9.5	63609.0	-0946.6	1701	9.0	64606.1	-0953.5	1791	9.8	65428.3	-0925.9	1881	8.0	70320.5	-0904.7
1612	10.	63611.0	-0955.7	1702	9.0	64607.0	-0956.6	1792	10.	65431.8	-0928.5	1882	9.4	70331.9	-0938.2
1613	9.8	63615.9	-0922.6	1703	9.4	64610.9	-0947.2	1793	9.5	65432.3	-0957.8	1883	9.6	70336.0	-0926.5
1614	10.	63630.8	-0938.6	1704	9.3	64622.2	-0919.0	1794	9.0	65432.3	-0920.8	1884	7.8	70337.8	-0955.8
1615	9.0	63633.9	-0956.8	1705	8.0	64625.2	-0938.9	1795	10.	65435.3	-0921.1	1885	9.7	70338.7	-0922.4
1616	9.5	63635.0	-0943.9	1706	9.4	64626.8	-0931.7	1796	8.0	65437.0	-0930.0	1886	9.4	70340.3	-0907.3
1617	9.1	63635.3	-0922.5	1707	9.5	64640.5	-0947.9	1797	9.8	65438.2	-0928.1	1887	7.2	70352.1	-0906.4
1618	9.3	63637.3	-0918.3	1708	9.8	64640.9	-0925.8	1798	9.5	65441.4	-0937.4	1888	9.6	70352.2	-0903.0
1619	9.1	63645.8	-0917.0	1709	9.4	64646.2	-0904.8	1799	9.5	65442.1	-0953.0	1889	9.6	70357.1	-0900.8
1620	9.8	63658.7	-0911.2	1710	8.9	64650.0	-0949.9	1800	9.3	65444.4	-0942.6	1890	8.8	70359.4	-0913.4
1621	9.8	63700.2	-0942.5	1711	7.2	64651.4	-0920.0	1801	9.1	65447.8	-0948.9	1891	8.7	70403.2	-0935.9
1622	10.	63700.6	-0907.3	1712	9.1	64658.9	-0904.9	1802	9.4	65456.0	-0948.0	1892	9.8	70405.2	-0930.9
1623	9.3	63704.5	-0959.8	1713	9.5	64703.7	-0937.0	1803	9.0	65459.4	-0914.2	1893	9.4	70411.1	-0951.7
1624	8.8	63705.6	-0920.2	1714	9.2	64703.8	-0951.7	1804	8.0	65512.0	-0940.9	1894	9.5	70419.4	-0908.9
1625	9.7	63713.9	-0928.8	1715	9.1	64706.8	-0938.9	1805	8.2	65516.6	-0900.4	1895	9.0	70421.7	-0904.5
1626	9.6	63723.7	-0907.6	1716	9.1	64707.0	-0951.4	1806	9.5	65522.7	-0933.7	1896	9.5	70431.6	-0950.6
1627	9.4	63740.7	-0937.0	1717	8.8	64709.7	-0909.2	1807	9.2	65538.0	-0907.2	1897	9.4	70432.9	-0916.5

-09 1898 7h04m

-09 2257 7h44m

1898	9.7	70456.2	-0915.7	1988	9.3	71252.4	-0943.3	2078	9.5	72237.7	-0957.6	2168	9.8	73348.6	-0908.0
1899	9.5	70509.5	-0915.1	1989	9.6	71314.7	-0936.0	2079	9.2	72252.4	-0948.2	2169	8.2	73350.2	-0912.7
1900	9.4	70515.6	-0931.2	1990	9.3	71334.4	-0944.8	2080	9.7	72255.0	-0955.8	2170	9.8	73412.2	-0952.1
1901	9.1	70516.5	-0941.7	1991	10.	71335.0	-0920.7	2081	9.4	72317.6	-0947.0	2171	9.4	73414.7	-0950.8
1902	9.5	70530.2	-0932.9	1992	8.7	71338.5	-0922.9	2082	8.8	72328.4	-0924.1	2172	4.0	73419.3	-0913.3
1903	8.8	70534.8	-0954.7	1993	9.2	71350.0	-0954.9	2083	9.1	72334.4	-0949.8	2173	10.	73432.4	-0957.1
1904	9.3	70536.4	-0914.2	1994	8.2	71357.1	-0933.2	2084	7.8	72346.8	-0900.5	2174	9.8	73441.2	-0905.7
1905	8.2	70541.4	-0936.4	1995	9.7	71423.2	-0953.3	2085	6.3	72351.3	-0928.7	2175	9.0	73441.6	-0907.8
1906	8.9	70553.0	-0928.1	1996	9.1	71424.8	-0937.0	2086	7.0	72405.4	-0948.9	2176	9.0	73445.4	-0909.0
1907	9.5	70602.1	-0927.1	1997	9.4	71433.9	-0940.4	2087	9.0	72419.8	-0958.5	2177	9.5	73446.9	-0942.4
1908	9.8	70622.2	-0929.6	1998	9.2	71438.7	-0903.1	2088	9.8	72420.6	-0939.2	2178	9.4	73452.2	-0940.2
1909	9.5	70634.3	-0920.3	1999	9.0	71450.8	-0907.6	2089	9.8	72423.8	-0903.7	2179	9.5	73455.1	-0942.8
1910	9.5	70634.7	-0903.9	2000	9.8	71457.0	-0950.5	2090	8.9	72442.5	-0958.8	2180	9.3	73456.6	-0913.5
1911	9.1	70653.5	-0918.8	2001	9.5	71504.4	-0914.9	2091	9.8	72457.3	-0950.3	2181	10.	73515.7	-0946.2
1912	7.8	70700.4	-0912.7	2002	9.7	71511.6	-0959.4	2092	9.7	72511.1	-0908.2	2182	10.	73529.8	-0920.8
1913	9.2	70702.0	-0958.8	2003	9.7	71517.2	-0939.4	2093	9.5	72513.6	-0957.1	2183	8.5	73542.4	-0910.8
1914	9.3	70707.8	-0954.0	2004	9.8	71522.4	-0924.8	2094	8.9	72515.1	-0957.3	2184	9.5	73546.1	-0913.7
1915	10.	70712.8	-0940.5	2005	8.5	71529.9	-0956.5	2095	9.3	72538.7	-0942.3	2185	10.	73602.4	-0931.4
1916	8.5	70713.9	-0900.3	2006	9.8	71533.7	-0935.8	2096	7.5	72546.4	-0921.9	2186	9.5	73603.5	-0901.0
1917	9.3	70717.2	-0950.7	2007	8.8	71541.6	-0957.6	2097	7.3	72548.9	-0906.4	2187	9.5	73610.9	-0928.5
1918	9.2	70718.0	-0920.8	2008	9.6	71545.9	-0947.2	2098	9.0	72606.3	-0924.1	2188	9.0	73621.2	-0915.3
1919	10.	70718.8	-0941.6	2009	9.8	71547.3	-0937.6	2099	9.8	72607.2	-0908.5	2189	9.8	73623.3	-0931.2
1920	9.6	70720.8	-0951.8	2010	9.4	71548.5	-0921.2	2100	9.3	72610.8	-0932.3	2190	9.5	73628.1	-0959.2
1921	5.7	70722.3	-0942.2	2011	7.8	71553.4	-0921.4	2101	9.0	72613.8	-0917.4	2191	7.5	73640.8	-0947.9
1922	10.	70728.0	-0950.9	2012	9.7	71554.0	-0952.6	2102	9.5	72630.1	-0939.0	2192	10.	73652.7	-0954.0
1923	9.3	70728.4	-0958.5	2013	9.4	71610.3	-0947.8	2103	9.9	72631.7	-0948.1	2193	9.5	73657.1	-0948.7
1924	10.	70732.7	-0948.6	2014	8.7	71611.3	-0945.0	2104	9.6	72640.1	-0932.8	2194	9.2	73708.7	-0957.2
1925	9.8	70737.6	-0952.2	2015	9.2	71613.2	-0949.2	2105	9.8	72644.3	-0916.9	2195	9.8	73710.2	-0952.4
1926	9.4	70738.4	-0951.2	2016	9.7	71614.6	-0956.2	2106	8.5	72652.9	-0921.8	2196	9.8	73710.4	-0947.6
1927	9.7	70742.2	-0959.8	2017	10.	71618.2	-0943.3	2107	10.	72654.3	-0926.2	2197	9.0	73716.5	-0901.8
1928	8.5	70746.5	-0937.9	2018	8.7	71621.7	-0921.0	2108	9.3	72704.4	-0926.8	2198	9.2	73717.9	-0955.2
1929	9.1	70747.0	-0957.8	2019	8.7	71622.8	-0932.1	2109	9.2	72712.3	-0920.0	2199	8.0	73726.1	-0913.1
1930	10.	70748.3	-0948.9	2020	8.0	71622.8	-0947.3	2110	9.8	72715.2	-0911.4	2200	8.7	73732.2	-0955.1
1931	9.1	70750.1	-0932.0	2021	8.5	71625.5	-0958.9	2111	9.8	72715.8	-0904.6	2201	10.	73753.3	-0959.3
1932	10.	70753.8	-0951.4	2022	8.4	71634.8	-0932.1	2112	9.4	72726.3	-0924.0	2202	9.4	73759.2	-0914.4
1933	9.1	70754.9	-0943.5	2023	9.6	71700.4	-0922.1	2113	9.4	72734.7	-0943.8	2203	10.	73801.1	-0958.0
1934	9.4	70758.7	-0938.6	2024	9.5	71713.6	-0951.6	2114	8.2	72737.9	-0932.9	2204	9.7	73810.7	-0917.0
1935	9.1	70804.5	-0955.6	2025	9.1	71741.4	-0917.5	2115	9.5	72757.6	-0934.7	2205	8.3	73814.0	-0956.6
1936	9.3	70805.9	-0907.5	2026	9.3	71749.1	-0944.5	2116	9.5	72813.1	-0909.8	2206	9.6	73830.0	-0928.5
1937	9.6	70813.6	-0934.3	2027	9.7	71750.9	-0958.7	2117	9.0	72816.2	-0912.1	2207	7.6	73834.1	-0948.7
1938	9.4	70815.3	-0904.1	2028	9.5	71759.0	-0954.6	2118	9.8	72819.8	-0941.0	2208	9.1	73846.5	-0958.9
1939	9.5	70817.4	-0955.3	2029	9.8	71800.8	-0929.4	2119	10.	72820.7	-0954.9	2209	9.5	73849.6	-0942.7
1940	9.3	70817.6	-0948.2	2030	9.5	71828.2	-0939.0	2120	9.3	72823.2	-0913.5	2210	9.0	73857.1	-0929.4
1941	9.8	70821.9	-0913.0	2031	9.5	71829.9	-0916.5	2121	8.6	72834.8	-0927.8	2211	9.5	73858.9	-0945.5
1942	9.8	70837.8	-0939.0	2032	9.2	71831.7	-0935.4	2122	10.	72835.2	-0944.9	2212	9.1	73900.6	-0911.9
1943	9.6	70848.6	-0923.1	2033	8.7	71847.9	-0946.5	2123	9.8	72841.0	-0918.4	2213	8.8	73902.0	-0925.5
1944	9.8	70852.0	-0916.6	2034	9.8	71850.3	-0908.9	2124	9.0	72849.3	-0942.9	2214	8.3	73903.4	-0949.3
1945	9.8	70855.9	-0906.5	2035	9.3	71851.9	-0950.1	2125	9.4	72851.9	-0932.7	2215	9.3	73904.8	-0908.7
1946	10.	70900.4	-0933.5	2036	9.3	71854.0	-0952.3	2126	10.	72858.3	-0949.8	2216	9.3	73916.6	-0912.3
1947	8.3	70911.3	-0901.1	2037	8.7	71900.8	-0941.0	2127	9.8	72903.6	-0939.5	2217	10.	73918.2	-0952.1
1948	9.7	70934.4	-0915.6	2038	9.0	71904.7	-0939.8	2128	9.4	72920.4	-0948.7	2218	9.2	73928.5	-0907.4
1949	9.7	70935.7	-0928.7	2039	10.	71913.3	-0911.3	2129	8.2	72921.9	-0957.0	2219	9.4	73948.7	-0922.2
1950	9.4	70941.4	-0949.0	2040	9.3	71916.2	-0935.3	2130	9.5	72923.2	-0945.3	2220	9.3	73952.8	-0952.2
1951	9.4	70942.1	-0928.3	2041	9.8	71921.6	-0930.7	2131	9.8	72925.4	-0935.5	2221	9.8	74016.2	-0952.3
1952	9.3	70945.6	-0939.3	2042	9.2	71926.6	-0926.3	2132	9.8	72931.5	-0927.2	2222	10.	74017.3	-0921.4
1953	8.3	70958.6	-0928.6	2043	7.0	71931.5	-0948.4	2133	9.5	72937.3	-0950.6	2223	9.8	74025.6	-0947.2
1954	9.3	71002.3	-0907.5	2044	9.8	71939.9	-0928.0	2134	9.0	72943.1	-0951.8	2224	9.2	74028.8	-0957.0
1955	9.4	71018.9	-0909.6	2045	9.7	71941.0	-0925.7	2135	8.7	72946.8	-0917.8	2225	9.8	74035.0	-0933.6
1956	9.4	71019.2	-0959.7	2046	9.5	71949.4	-0922.2	2136	9.8	72947.7	-0908.6	2226	9.3	74038.1	-0904.4
1957	9.5	71028.9	-0943.8	2047	9.6	71955.2	-0915.3	2137	9.3	72953.7	-0950.8	2227	9.8	74049.2	-0932.7
1958	9.5	71031.8	-0942.1	2048	9.0	71959.2	-0916.4	2138	9.7	72953.8	-0931.1	2228	8.1	74049.8	-0957.7
1959	9.6	71032.9	-0935.2	2049	9.5	71959.8	-0947.0	2139	9.7	73035.3	-0947.4	2229	9.7	74054.2	-0929.0
1960	9.3	71040.4	-0909.6	2050	9.1	72000.0	-0924.3	2140	9.3	73038.1	-0957.4	2230	9.7	74059.5	-0935.1
1961	9.5	71044.5	-0955.0	2051	9.8	72002.0	-0924.9	2141	10.	73039.9	-0958.7	2231	10.	74119.7	-0922.1
1962	9.5	71045.5	-0916.2	2052	8.9	72002.8	-0930.7	2142	9.8	73040.0	-0939.1	2232	9.1	74125.7	-0935.3
1963	10.	71059.3	-0944.2	2053	9.6	72005.9	-0931.7	2143	7.8	73043.5	-0930.2	2233	9.8	74201.9	-0948.9
1964	8.3	71109.9	-0915.5	2054	9.5	72018.1	-0941.8	2144	9.8	73106.1	-0906.7	2234	8.3	74202.1	-0959.3
1965	9.0	71119.1	-0957.7	2055	9.3	72021.6	-0930.8	2145	10.	73111.0	-0950.1	2235	9.8	74215.6	-0912.4
1966	9.3	71120.5	-0917.0	2056	9.7	72028.7	-0901.7	2146	9.3	73111.7	-0917.6	2236	8.9	74217.3	-0958.1
1967	10.	71132.1	-0953.2	2057	10.	72041.0	-0953.0	2147	9.4	73121.4	-0929.5	2237	9.7	74225.6	-0955.3
1968	9.0	71133.0	-0946.7	2058	8.7	72041.9	-0956.2	2148	9.0	73128.1	-0930.2	2238	9.4	74236.4	-0953.2
1969	9.8	71142.9	-0909.1	2059	9.0	72052.7	-0922.4	2149	8.7	73137.7	-0943.6	2239	8.3	74 42.8	-0935.2
1970	10.	71143.7	-0902.6	2060	9.4	72054.4	-0917.3	2150	9.5	73144.8	-0950.0	2240	9.3	74244.0	-0950.9
1971	9.6	71144.7	-0921.1	2061	9.1	72102.5	-0909.0	2151	9.8	73151.6	-0909.8	2241	9.4	74248.6	-0954.9
1972	9.2	71150.3	-0919.7	2062	9.2	72104.9	-0946.1	2152	9.5	73156.7	-0956.4	2242	9.7	74249.0	-0953.1
1973	10.	71151.2	-0937.1	2063	9.7	72105.2	-0955.0	2153	9.1	73200.8	-0956.4	2243	9.5	74253.1	-0953.5
1974	9.4	71157.1	-0957.7	2064	8.7	72109.1	-0900.5	2154	8.7	73203.1	-0938.3	2244	9.3	74258.2	-0938.1
1975	9.5	71203.4	-0910.2	2065	9.8	72115.9	-0946.7	2155	9.3	73212.3	-0945.5	2245	9.6	74301.1	-0907.0
1976	9.8	71205.3	-0907.5	2066	9.7	72130.8	-0932.1	2156	8.2	73214.1	-0937.7	2246	9.3	74310.5	-0923.4
1977	9.4	71216.0	-0917.1	2067	9.5	72132.3	-0940.7	2157	8.4	73224.7	-0952.2	2247	9.6	74311.9	-0904.2
1978	9.6	71219.5	-0935.7	2068	9.3	72133.5	-0951.2	2158	9.4	73226.2	-0917.4	2248	9.2	74336.0	-0955.1
1979	10.	71221.5	-0952.4	2069	6.8	72140.3	-0944.6	2159	9.1	73243.3	-0923.5	2249	9.8	74349.2	-0923.0
1980	9.7	71227.1	-0939.8	2070	9.4	72150.6	-0900.7	2160	9.4	73246.6	-0909.8	2250	9.8	74357.4	-0900.4
1981	9.4	71228.4	-0941.8	2071	9.4	72154.2	-0952.0	2161	9.4	73259.9	-0909.4	2251	8.2	74402.4	-0957.2
1982	9.1	71230.3	-0905.4	2072	9.8	72208.6	-0926.2	2162	9.4	73307.9	-0942.5	2252	10.	74407.9	-0901.5
1983	9.8	71232.6	-0918.9	2073	9.4	72211.5	-0921.7	2163	9.5	73315.9	-0937.8	2253	8.9	74414.7	-0916.0
1984	9.7	71241.7	-0933.5	2074	9.4	72213.8	-0948.6	2164	9.4	73319.3	-0925.7	2254	7.2	74423.7	-0902.3
1985	9.8	71245.9	-0929.0	2075	9.6	72217.3	-0909.2	2165	8.8	73340.5	-0902.4	2255	9.8	74435.6	-0928.9
1986	8.9	71245.9	-0930.0	2076	9.8	72226.1	-0930.8	2166	9.1	73345.3	-0921.1	2256	8.8	74446.5	-0931.2
1987	9.3	71249.9	-0941.5	2077	9.4	72229.9	-0910.7	2167	9.7	73346.5	-0918.2	2257	9.8	74455.6	-0951.0

-09 2258 7h45m -09 2617 8h33m

2258	7.7	74500.7	-0917.1	2348	9.3	75704.2	-0948.1	2438	9.7	80730.8	-0958.0	2528	9.5	82125.5	-0920.6
2259	9.1	74505.6	-0943.3	2349	10.	75709.9	-0945.3	2439	9.1	80733.2	-0913.1	2529	8.3	82126.6	-0945.4
2260	8.6	74510.3	-0953.1	2350	9.5	75723.4	-0946.5	2440	9.2	80753.2	-0935.7	2530	9.1	82142.5	-0922.7
2261	9.5	74514.1	-0907.6	2351	8.2	75726.9	-0955.2	2441	9.5	80801.0	-0922.6	2531	9.5	82150.5	-0928.1
2262	9.1	74520.4	-0902.9	2352	8.1	75734.3	-0950.5	2442	9.5	80820.3	-0940.6	2532	6.3	82152.4	-0916.2
2263	9.1	74540.9	-0938.9	2353	9.4	75739.2	-0929.3	2443	9.5	80829.1	-0958.6	2533	9.3	82214.9	-0938.2
2264	9.4	74541.8	-0904.8	2354	9.7	75746.4	-0958.5	2444	9.5	80829.2	-0953.3	2534	9.1	82220.9	-0951.4
2265	9.8	7460:.8	-0941.0	2355	9.0	75751.1	-0922.3	2445	8.2	80835.5	-0901.1	2535	9.4	82243.0	-0930.1
2266	9.4	7460R.5	-0947.6	2356	9.4	75752.9	-0910.7	2446	9.4	80842.9	-0959.3	2536	9.2	82252.0	-0946.4
2267	9.4	74611.6	-0952.3	2357	9.5	75754.4	-0908.3	2447	9.5	80859.9	-0955.7	2537	9.8	82252.4	-0942.6
2268	9.7	74611.9	-0929.9	2358	8.5	75802.3	-0917.4	2448	8.0	80900.6	-0920.3	2538	9.5	82254.3	-0947.9
2269	9.1	74623.7	-0951.1	2359	10.	75803.2	-0913.4	2449	9.8	80905.0	-0909.2	2539	7.0	82254.5	-0959.4
2270	8.9	74629.9	-0935.1	2360	9.5	75817.9	-0942.9	2450	9.1	80918.0	-0900.8	2540	9.7	82302.0	-0944.8
2271	9.4	74652.3	-0945.0	2361	8.2	75827.8	-0931.2	2451	9.5	80926.1	-0955.5	2541	9.5	82317.9	-0900.8
2272	9.8	74655.4	-0908.0	2362	9.1	75830.8	-0934.7	2452	10.	80938.0	-0925.2	2542	8.0	82332.8	-0948.1
2273	9.5	74717.0	-0943.8	2363	6.6	75832.9	-0942.8	2453	9.8	80951.7	-0914.6	2543	7.3	82338.2	-0943.1
2274	9.5	74719.3	-0958.9	2364	9.4	75837.1	-0951.0	2454	8.9	81018.8	-0921.6	2544	9.6	82340.4	-0902.8
2275	8.0	74726.8	-0924.9	2365	9.6	75906.5	-0954.9	2455	9.1	81022.5	-0937.2	2545	8.0	82342.5	-0922.0
2276	9.8	74740.4	-0905.7	2366	9.2	75908.6	-0920.5	2456	9.4	81023.4	-0941.6	2546	9.4	82351.5	-0933.9
2277	9.5	74743.6	-0911.8	2367	8.0	75919.4	-0914.6	2457	9.3	81035.8	-0922.8	2547	9.0	82356.1	-0941.0
2278	9.7	74744.1	-0956.8	2368	10.	75925.9	-0906.2	2458	9.2	81036.1	-0948.6	2548	10.	82358.7	-0946.0
2279	9.6	74746.9	-0957.3	2369	9.3	75932.4	-0942.4	2459	9.4	81041.5	-0953.0	2549	9.9	82359.6	-0952.0
2280	9.5	74753.2	-0936.0	2370	9.2	75942.4	-0912.7	2460	9.3	81059.7	-0948.0	2550	8.3	82415.5	-0926.0
2281	9.5	74759.5	-0911.1	2371	9.5	75949.2	-0927.6	2461	9.5	81105.1	-0923.9	2551	9.0	82419.4	-0915.9
2282	8.8	74802.1	-0923.4	2372	8.8	75950.8	-0915.9	2462	9.8	81121.4	-0935.9	2552	8.9	82430.8	-0902.9
2283	9.4	74823.2	-0927.3	2373	9.5	75953.0	-0912.1	2463	7.5	81122.8	-0940.9	2553	9.4	82431.7	-0959.5
2284	9.8	74824.8	-0928.7	2374	9.8	75955.4	-0958.8	2464	9.9	81129.8	-0958.9	2554	9.2	82433.9	-0945.7
2285	9.8	74841.0	-0912.4	2375	9.3	75956.7	-0942.5	2465	9.1	81144.3	-0952.2	2555	10.	82502.6	-0936.5
2286	9.5	74854.9	-0934.0	2376	9.7	80000.3	-0946.7	2466	8.8	81152.4	-0933.5	2556	9.9	82513.9	-0926.7
2287	8.1	74901.4	-0925.4	2377	9.8	80016.1	-0944.9	2467	9.0	81157.0	-0918.2	2557	9.3	82529.8	-0930.3
2288	9.5	74908.5	-0910.9	2378	9.8	80017.1	-0903.5	2468	9.7	81158.0	-0957.7	2558	9.5	82533.3	-0957.5
2289	7.8	74912.4	-0928.7	2379	9.5	80025.6	-0926.5	2469	9.1	81207.1	-0924.0	2559	9.5	82536.7	-0944.5
2290	9.5	74923.4	-0957.5	2380	9.6	80037.1	-0906.4	2470	9.8	81210.2	-0937.4	2560	9.5	82545.4	-0925.7
2291	9.4	74926.2	-0916.7	2381	10.	80040.4	-0957.5	2471	6.2	81218.4	-0943.0	2561	9.7	82551.3	-0956.7
2292	9.2	74945.6	-0943.4	2382	9.5	80046.3	-0951.4	2472	8.0	81226.0	-0921.1	2562	9.7	82553.8	-0948.4
2293	9.8	74946.3	-0931.2	2383	9.0	80047.5	-0959.1	2473	9.8	81248.1	-0917.4	2563	9.1	82556.4	-0903.9
2294	9.0	74952.1	-0916.1	2384	9.9	80054.5	-0946.7	2474	9.2	81253.3	-0957.7	2564	9.0	82610.6	-0907.5
2295	9.3	75007.1	-0924.5	2385	9.1	80056.1	-0907.4	2475	10.	81300.5	-0939.1	2565	9.8	82616.7	-0946.8
2296	9.5	75009.5	-0942.5	2386	9.2	80109.3	-0900.4	2476	8.5	81304.7	-0953.1	2566	10.	82617.5	-0949.3
2297	9.4	75023.9	-0939.2	2387	8.8	80117.2	-0941.5	2477	9.2	81304.7	-0933.9	2567	10.	82621.2	-0942.7
2298	8.7	75024.6	-0926.3	2388	9.4	80121.9	-0947.7	2478	9.0	81330.6	-0914.4	2568	9.4	82622.4	-0920.0
2299	9.7	75025.4	-0921.0	2389	8.9	80123.1	-0956.1	2479	9.5	81356.2	-0903.6	2569	8.1	82625.1	-0929.5
2300	9.8	75035.9	-0934.4	2390	9.2	80137.1	-0933.4	2480	9.3	81357.3	-0937.6	2570	9.0	82633.3	-0931.2
2301	9.2	75044.6	-0947.8	2391	9.7	80152.8	-0949.8	2481	9.8	81415.0	-0929.6	2571	7.3	82647.8	-0930.5
2302	9.7	75045.6	-0950.0	2392	9.2	80156.2	-0938.6	2482	9.8	81428.0	-0906.5	2572	9.0	82706.5	-0923.0
2303	9.8	75045.9	-0925.8	2393	9.8	80210.3	-0946.2	2483	9.8	81428.6	-0930.5	2573	10.	82709.8	-0906.8
2304	9.8	75053.7	-0957.5	2394	9.8	80218.9	-0946.2	2484	9.0	81430.8	-0923.5	2574	7.5	82711.5	-0927.4
2305	9.8	75058.4	-0941.7	2395	9.3	80230.6	-0917.1	2485	7.6	81448.7	-0930.6	2575	9.7	82714.5	-0907.8
2306	9.5	75059.1	-0925.8	2396	9.4	80239.1	-0936.9	2486	9.0	81449.8	-0911.2	2576	9.4	82736.6	-0939.0
2307	9.0	75105.1	-0915.0	2397	8.6	80243.6	-0933.3	2487	9.3	81450.7	-0944.6	2577	9.2	82749.7	-0925.5
2308	9.0	75106.6	-0915.0	2398	9.3	80245.5	-0902.0	2488	9.8	81508.4	-0953.6	2578	9.2	82754.8	-0952.5
2309	9.8	75110.0	-0943.2	2399	9.4	80303.6	-0904.9	2489	9.3	81510.1	-0918.6	2579	9.9	82806.4	-0930.1
2310	9.2	75127.6	-0932.1	2400	9.3	80306.1	-0910.2	2490	8.7	81521.4	-0959.0	2580	10.	82811.1	-0939.1
2311	8.2	75144.2	-0941.0	2401	9.4	80316.0	-0930.8	2491	10.	81531.3	-0948.5	2581	8.7	82812.4	-0953.0
2312	9.3	75149.5	-0942.3	2402	9.1	80322.0	-0926.5	2492	8.4	81536.9	-0932.3	2582	9.8	82818.7	-0925.3
2313	9.2	75201.2	-0951.0	2403	9.8	80332.8	-0917.1	2493	8.5	81537.2	-0903.2	2583	8.6	82820.8	-0929.2
2314	9.8	75207.2	-0908.1	2404	7.3	80333.1	-0910.9	2494	9.8	81551.7	-0908.0	2584	9.6	82827.0	-0929.9
2315	9.5	75208.9	-0926.2	2405	9.5	80335.6	-0900.6	2495	9.9	81554.2	-0933.3	2585	9.8	82829.3	-0940.2
2316	9.8	75221.0	-0947.0	2406	9.4	80350.7	-0921.5	2496	9.5	81637.0	-0926.7	2586	9.4	82835.4	-0943.0
2317	9.1	75224.8	-0902.3	2407	9.3	80401.1	-0916.0	2497	9.0	81639.4	-0900.2	2587	9.0	82836.6	-0953.5
2318	9.4	75232.8	-0958.3	2408	9.8	80401.3	-0907.7	2498	8.2	81640.5	-0930.3	2588	9.5	82910.0	-0951.0
2319	9.8	75240.0	-0943.4	2409	9.0	80407.0	-0930.2	2499	9.6	81700.1	-0957.2	2589	9.5	82910.4	-0921.4
2320	9.5	75306.7	-0921.7	2410	8.5	80413.7	-0936.1	2500	9.0	81703.6	-0904.7	2590	9.5	82917.6	-0947.8
2321	9.4	75309.5	-0914.0	2411	9.4	80418.2	-0935.0	2501	8.5	81703.7	-0909.8	2591	9.6	82926.0	-0925.7
2322	9.1	75315.7	-0937.4	2412	9.7	80435.6	-0908.6	2502	9.8	81717.1	-0930.1	2592	9.0	82930.0	-0957.1
2323	9.5	75322.9	-0940.2	2413	9.6	80443.4	-0918.0	2503	9.8	81731.8	-0945.5	2593	8.7	82937.5	-0951.0
2324	8.2	75325.0	-0956.6	2414	9.2	80507.2	-0940.2	2504	8.5	81733.5	-0934.1	2594	8.2	82938.2	-0942.0
2325	9.5	75326.9	-0922.5	2415	9.5	80510.8	-0909.0	2505	9.7	81746.5	-0920.7	2595	7.0	82939.9	-0912.7
2326	9.3	75345.9	-0948.3	2416	9.4	80513.8	-0956.3	2506	9.5	81756.3	-0947.5	2596	9.8	82944.6	-0903.5
2327	9.6	75402.5	-0943.0	2417	9.4	80515.9	-0933.9	2507	9.6	81805.0	-0951.3	2597	8.5	82954.1	-0902.0
2328	9.5	75406.4	-0915.0	2418	9.7	80516.7	-0928.7	2508	7.2	81810.7	-0919.4	2598	9.7	82958.2	-0921.6
2329	9.4	75416.2	-0958.2	2419	9.4	80532.1	-0900.1	2509	10.	81811.3	-0948.7	2599	8.9	83002.1	-0915.0
2330	9.0	75417.8	-0936.8	2420	9.4	80541.4	-0943.0	2510	9.3	81814.4	-0911.8	2600	9.8	83022.2	-0907.1
2331	9.3	75431.7	-0922.4	2421	9.8	80548.6	-0916.8	2511	9.7	81818.6	-0933.7	2601	9.8	83039.0	-0955.2
2332	8.5	75438.0	-0929.8	2422	9.5	80553.7	-0920.9	2512	8.5	81820.6	-0948.4	2602	9.3	83043.7	-0941.9
2333	9.4	75454.6	-0951.3	2423	9.5	80608.6	-0905.2	2513	9.0	81840.2	-0916.8	2603	9.4	83053.0	-0902.5
2334	9.1	75456.3	-0939.7	2424	9.0	80626.5	-0959.3	2514	9.7	81843.1	-0957.4	2604	9.6	83100.7	-0932.9
2335	9.1	75511.5	-0938.8	2425	9.5	80628.6	-0957.6	2515	8.8	81849.5	-0915.6	2605	9.3	83130.7	-0927.7
2336	9.4	75521.4	-0904.9	2426	9.2	80631.5	-0956.4	2516	8.3	81850.8	-0955.1	2606	9.6	83145.4	-0959.6
2337	9.4	75521.6	-0953.0	2427	9.0	80632.2	-0923.5	2517	9.8	81859.2	-0910.1	2607	8.0	83153.7	-0931.4
2338	9.0	75525.1	-0938.7	2428	9.8	80638.3	-0941.2	2518	9.0	81917.3	-0901.0	2608	9.1	83156.3	-0944.2
2339	9.4	75538.7	-0922.3	2429	9.0	80641.1	-0917.7	2519	9.8	81956.6	-0948.1	2609	9.8	83212.5	-0943.5
2340	9.5	75543.6	-0920.7	2430	9.7	80645.7	-0939.8	2520	10.	82000.4	-0927.0	2610	8.0	83222.6	-0904.1
2341	8.8	75546.6	-0902.6	2431	9.7	80650.6	-0948.6	2521	9.8	82002.6	-0924.1	2611	9.4	83238.1	-0932.6
2342	9.5	75558.2	-0920.5	2432	9.8	80652.8	-0932.0	2522	9.4	82010.9	-0911.6	2612	7.7	83242.8	-0904.6
2343	9.2	75613.3	-0955.8	2433	9.5	80658.1	-0949.4	2523	9.2	82016.9	-0936.2	2613	8.0	83244.2	-0958.2
2344	8.5	75618.1	-0929.2	2434	8.4	80701.1	-0951.8	2524	9.2	82026.4	-0907.8	2614	9.5	83244.3	-0918.0
2345	9.5	75619.4	-0903.0	2435	8.0	80701.4	-0935.9	2525	9.3	82048.3	-0948.4	2615	9.4	83251.2	-0942.4
2346	8.9	75625.4	-0938.3	2436	9.2	80717.4	-0946.0	2526	9.5	82059.5	-0917.8	2616	9.5	83300.0	-0905.0
2347	9.1	75636.3	-0940.1	2437	9.5	80718.6	-0922.2	2527	9.5	82105.4	-0939.5	2617	9.2	83322.5	-0920.4

-09 2618 8h33m

-09 2977 9h55m

2618	9.1	83326.0	-0912.1	2708	9.7	85203.5	-0935.9	2798	9.8	91244.4	-0952.3	2888	9.3	93009.0	-0938.4
2619	8.9	83347.5	-0903.6	2709	9.1	85228.1	-0928.9	2799	9.1	91304.1	-0919.1	2889	9.4	93031.6	-0957.4
2620	9.5	83351.3	-0948.6	2710	9.1	85235.5	-0956.7	2800	9.8	91304.4	-0955.4	2890	9.1	93100.2	-0959.5
2621	7.8	83353.7	-0956.2	2711	9.1	85256.2	-0956.5	2801	7.3	91316.3	-0900.0	2891	10.	93101.5	-0933.4
2622	9.4	83401.5	-0944.7	2712	9.1	85256.6	-0935.0	2802	9.3	91335.1	-0916.3	2892	9.8	93147.8	-0935.3
2623	8.7	83433.3	-0934.6	2713	9.3	85317.4	-0926.3	2803	9.8	91354.4	-0950.7	2893	8.9	93152.9	-0946.4
2624	9.2	83444.0	-0958.2	2714	9.5	85319.9	-0939.7	2804	9.5	91410.7	-0917.2	2894	9.4	93212.5	-0937.4
2625	9.1	83455.1	-0921.0	2715	8.7	85323.7	-0901.5	2805	9.5	91415.2	-0917.6	2895	9.2	93212.8	-0933.4
2626	9.8	83506.6	-0941.6	2716	10.	85337.7	-0953.8	2806	9.4	91428.8	-0930.9	2896	9.8	93238.8	-0917.7
2627	9.8	83510.7	-0934.3	2717	9.4	85343.2	-0916.8	2807	9.8	91448.2	-0933.8	2897	9.4	93242.7	-0933.6
2628	9.7	83511.5	-0951.6	2718	8.9	85400.2	-0956.0	2808	7.9	91449.1	-0948.7	2898	5.9	93243.1	-0955.0
2629	9.5	83542.9	-0955.7	2719	9.5	85417.3	-0934.9	2809	8.1	91500.1	-0917.2	2899	9.0	93246.3	-0936.5
2630	6.3	83553.5	-0917.2	2720	9.3	85422.4	-0907.7	2810	10.	91512.9	-0913.0	2900	9.5	93311.9	-0944.3
2631	8.9	83556.4	-0902.3	2721	9.5	85445.8	-0926.3	2811	9.5	91517.2	-0917.1	2901	9.6	93332.4	-0942.5
2632	9.4	83600.4	-0955.1	2722	10.	85452.7	-0957.8	2812	9.6	91522.4	-0911.9	2902	10.	93422.4	-0944.0
2633	9.5	83605.2	-0923.6	2723	8.8	85455.5	-0908.5	2813	9.3	91527.5	-0920.9	2903	7.2	93422.5	-0950.6
2634	10.	83609.8	-0927.0	2724	9.2	85509.6	-0958.9	2814	9.4	91537.7	-0937.4	2904	9.5	93430.0	-0930.3
2635	8.9	83626.5	-0911.8	2725	9.4	85526.2	-0957.7	2815	9.5	91544.6	-0901.2	2905	9.5	93507.8	-0937.0
2636	9.6	83642.7	-0950.9	2726	8.6	85558.2	-0941.3	2816	6.8	91546.5	-0913.3	2906	9.8	93517.5	-0908.5
2637	9.5	83642.9	-0938.7	2727	9.7	85607.0	-0942.2	2817	9.8	91616.3	-0937.6	2907	9.6	93534.6	-0920.1
2638	10.	83711.0	-0901.2	2728	9.3	85608.1	-0940.0	2818	9.2	91625.8	-0958.0	2908	9.0	93545.2	-0931.5
2639	9.4	83719.0	-0927.2	2729	10.	85609.7	-0945.6	2819	9.9	91641.3	-0913.9	2909	9.5	93616.1	-0939.4
2640	9.5	83729.0	-0905.1	2730	9.8	85639.6	-0947.4	2820	9.5	91717.4	-0912.0	2910	9.5	93624.5	-0927.1
2641	8.8	83733.3	-0957.8	2731	9.4	85639.9	-0929.4	2821	9.7	91719.8	-0934.2	2911	8.7	93644.8	-0919.8
2642	9.5	83755.4	-0900.6	2732	9.1	85727.1	-0931.5	2822	9.3	91734.8	-0917.1	2912	9.1	93738.4	-0907.0
2643	9.4	83759.5	-0946.6	2733	7.0	85757.0	-0932.8	2823	9.2	91739.2	-0952.9	2913	9.8	93752.3	-0944.8
2644	10.	83813.2	-0905.0	2734	9.1	85805.1	-0906.7	2824	9.4	91743.8	-0931.9	2914	9.1	93755.5	-0904.9
2645	9.7	83824.6	-0954.8	2735	8.3	85808.2	-0907.9	2825	8.7	91755.2	-0944.6	2915	10.	93813.8	-0940.7
2646	9.7	83827.8	-0955.7	2736	9.3	85822.1	-0906.6	2826	8.7	91810.3	-0913.2	2916	9.4	93842.1	-0926.0
2647	9.1	83858.4	-0909.0	2737	9.4	85829.7	-0919.3	2827	9.0	91814.0	-0934.7	2917	9.2	93901.9	-0943.7
2648	7.6	83859.8	-0943.3	2738	9.4	85879.7	-0919.3	2828	9.0	91830.1	-0916.4	2918	9.3	93921.8	-0946.5
2649	9.2	83902.0	-0937.7	2739	8.1	85910.2	-0933.4	2829	9.1	91833.4	-0911.1	2919	9.4	93928.9	-0946.9
2650	9.5	83908.9	-0916.7	2740	7.3	85930.1	-0910.6	2830	8.3	91843.5	-0952.1	2920	7.9	93932.4	-0935.3
2651	9.1	83915.8	-0943.2	2741	8.2	85940.8	-0942.4	2831	9.8	91900.5	-0912.7	2921	9.5	93945.7	-0932.3
2652	8.6	83936.5	-0942.1	2742	9.2	85947.1	-0902.8	2832	9.3	91903.6	-0922.3	2922	7.0	93959.7	-0951.0
2653	10.	83949.3	-0911.4	2743	9.5	90008.3	-0944.0	2833	9.8	91910.7	-0950.3	2923	9.4	94002.0	-0917.1
2654	9.4	83949.5	-0938.5	2744	9.8	90042.4	-0943.1	2834	9.2	91922.1	-0927.3	2924	9.3	94014.4	-0933.0
2655	9.3	83951.1	-0908.4	2745	9.6	90042.7	-0903.2	2835	8.8	91939.9	-0927.5	2925	9.5	94103.6	-0931.8
2656	9.4	83959.7	-0902.9	2746	7.4	90044.0	-0954.7	2836	9.3	92009.9	-0952.2	2926	8.7	94106.1	-0930.7
2657	9.3	84025.0	-0952.0	2747	7.5	90046.1	-0916.4	2837	9.3	92029.3	-0952.5	2927	9.9	94110.4	-0925.8
2658	9.5	84025.5	-0938.4	2748	9.2	90113.5	-0935.7	2838	9.8	92033.2	-0956.3	2928	6.8	94136.6	-0914.5
2659	9.8	84052.3	-0948.0	2749	8.8	90119.8	-0952.6	2839	9.8	92034.8	-0959.0	2929	9.7	94137.3	-0941.5
2660	9.5	84057.4	-0902.8	2750	9.0	90203.7	-0932.9	2840	8.0	92046.0	-0910.0	2930	9.7	94144.0	-0942.5
2661	9.4	84130.7	-0946.1	2751	9.4	90206.5	-0947.0	2841	7.5	92101.7	-0923.6	2931	8.9	94147.2	-0953.5
2662	9.5	84135.9	-0919.2	2752	9.2	90209.1	-0925.4	2842	9.2	92112.5	-0940.7	2932	9.5	94156.4	-0917.3
2663	9.8	84136.9	-0910.0	2753	8.8	90209.8	-0907.2	2843	7.0	92116.1	-0921.1	2933	9.5	94213.7	-0952.8
2664	10.	84140.0	-0932.3	2754	9.3	90234.0	-0948.0	2844	7.6	92117.8	-0941.6	2934	9.6	94218.5	-0938.1
2665	9.6	84217.1	-0916.5	2755	7.3	90238.6	-0921.1	2845	7.5	92138.7	-0938.1	2935	8.9	94222.6	-0952.8
2666	9.0	84229.8	-0916.4	2756	9.2	90326.7	-0910.3	2846	9.5	92212.0	-0935.6	2936	9.5	94244.7	-0934.1
2667	9.1	84244.5	-0936.4	2757	9.4	90327.1	-0950.6	2847	9.3	92220.9	-0935.0	2937	9.8	94302.7	-0917.4
2668	9.5	84249.8	-0907.9	2758	9.5	90329.5	-0939.2	2848	9.2	92320.3	-0931.1	2938	8.7	94304.8	-0932.4
2669	9.1	84254.4	-0922.1	2759	9.8	90336.2	-0905.5	2849	9.7	92330.7	-0931.8	2939	8.5	94305.2	-0922.7
2670	9.1	84257.9	-0915.9	2760	9.2	90359.5	-0932.2	2850	8.8	92351.3	-0904.3	2940	10.	94336.1	-0918.4
2671	8.8	84308.2	-0950.5	2761	9.0	90408.8	-0959.0	2851	9.3	92353.9	-0936.5	2941	10.	94346.7	-0948.7
2672	9.8	84316.7	-0945.9	2762	9.8	90409.9	-0903.6	2852	9.0	92357.9	-0911.3	2942	10.	94356.0	-0956.2
2673	9.1	84415.9	-0927.0	2763	9.4	90426.2	-0917.1	2853	9.3	92359.7	-0952.9	2943	10.	94358.7	-0957.9
2674	9.5	84418.8	-0940.1	2764	9.1	90505.2	-0911.7	2854	8.0	92425.6	-0921.3	2944	9.6	94431.0	-0956.0
2675	9.0	84425.4	-0914.1	2765	9.3	90527.0	-0946.6	2855	9.4	92432.5	-0918.4	2945	8.0	94455.4	-0910.0
2676	9.2	84443.2	-0934.5	2766	9.2	90528.5	-0925.8	2856	5.8	92435.0	-0954.8	2946	8.7	94509.3	-0952.9
2677	9.6	84516.0	-0931.3	2767	9.3	90530.1	-0900.1	2857	9.5	92447.6	-0952.9	2947	9.9	94517.0	-0921.3
2678	8.9	84525.9	-0921.5	2768	9.3	90614.5	-0947.7	2858	5.5	92452.1	-0944.1	2948	9.9	94517.7	-0911.2
2679	8.3	84528.9	-0924.8	2769	9.8	90615.2	-0921.9	2859	9.3	92504.0	-0913.7	2949	9.6	94522.1	-0940.1
2680	9.0	84541.9	-0921.2	2770	9.3	90627.3	-0939.7	2860	9.5	92530.5	-0923.5	2950	9.1	94537.0	-0931.3
2681	9.4	84556.2	-0920.7	2771	10.	90650.4	-0937.6	2861	8.9	92601.5	-0938.0	2951	9.5	94538.5	-0927.6
2682	9.6	84641.9	-0956.7	2772	10.	90658.8	-0936.0	2862	9.9	92602.4	-0925.1	2952	9.4	94554.3	-0902.8
2683	9.7	84647.1	-0954.3	2773	9.8	90703.7	-0902.4	2863	8.3	92604.1	-0928.8	2953	7.1	94614.4	-0913.2
2684	9.3	84649.6	-0921.5	2774	9.3	90714.2	-0939.0	2864	10.	92613.5	-0940.1	2954	9.8	94618.5	-0949.5
2685	9.4	84711.8	-0912.5	2775	9.6	90735.4	-0904.9	2865	9.5	92625.1	-0924.4	2955	8.6	94638.0	-0925.5
2686	9.0	84713.5	-0912.4	2776	9.2	90739.1	-0928.2	2866	9.6	92634.0	-0926.1	2956	8.2	94649.2	-0954.4
2687	9.8	84719.2	-0949.0	2777	8.9	90809.4	-0931.0	2867	9.5	92635.8	-0938.1	2957	9.5	94659.0	-0919.2
2688	9.8	84744.9	-0959.2	2778	9.4	90816.6	-0900.6	2868	9.4	92639.1	-0921.4	2958	10.	94731.9	-0926.1
2689	9.4	84751.1	-0941.0	2779	9.0	90836.4	-0953.5	2869	8.7	92643.7	-0941.7	2959	8.6	94751.4	-0929.4
2690	9.5	84751.7	-0943.4	2780	9.6	90841.8	-0914.6	2870	9.4	92648.5	-0938.7	2960	9.4	94757.3	-0906.1
2691	9.5	84758.0	-0929.2	2781	9.0	90846.7	-0929.3	2871	8.2	92656.6	-0955.4	2961	9.9	94827.2	-0941.2
2692	9.2	84812.5	-0933.0	2782	9.3	90854.8	-0918.7	2872	9.4	92700.0	-0952.5	2962	9.0	94832.2	-0909.4
2693	7.5	84826.9	-0922.5	2783	9.6	90854.9	-0904.1	2873	8.3	92726.2	-0919.3	2963	9.5	94846.3	-0944.3
2694	8.8	84831.6	-0922.7	2784	9.2	90858.3	-0938.3	2874	9.6	92727.2	-0928.5	2964	9.8	94854.4	-0948.8
2695	8.5	84846.0	-0947.2	2785	9.0	90925.7	-0922.7	2875	8.9	92746.3	-0903.6	2965	9.5	94934.3	-0906.1
2696	8.5	84859.8	-0904.1	2786	10.	90926.1	-0919.1	2876	8.9	92753.6	-0922.0	2966	8.4	94939.7	-0939.5
2697	9.8	85022.9	-0943.6	2787	9.2	90938.3	-0904.6	2877	9.5	92804.3	-0911.5	2967	8.7	95014.3	-0912.1
2698	9.8	85024.0	-0936.8	2788	7.4	90956.0	-0901.1	2878	10.	92806.4	-0939.9	2968	8.9	95031.2	-0903.3
2699	9.7	85025.8	-0918.5	2789	9.4	91042.9	-0926.0	2879	9.6	92809.0	-0953.1	2969	9.5	95126.7	-0916.7
2700	9.9	85027.5	-0926.4	2790	9.2	91115.3	-0906.4	2880	9.1	92814.5	-0939.9	2970	9.1	95154.5	-0930.9
2701	7.3	85029.9	-0931.7	2791	10.	91127.6	-0926.0	2881	9.9	92834.1	-0955.0	2971	9.2	95226.3	-0906.5
2702	9.4	85104.0	-0929.8	2792	7.8	91142.9	-0948.6	2882	9.7	92910.9	-0957.1	2972	9.8	95230.1	-0956.8
2703	9.2	85112.3	-0950.4	2793	9.1	91203.6	-0944.5	2883	9.4	92920.7	-0901.1	2973	8.8	95337.7	-0942.1
2704	9.5	85121.8	-0919.7	2794	9.8	91206.9	-0954.5	2884	9.1	92927.5	-0914.9	2974	9.5	95411.4	-0927.6
2705	9.6	85124.6	-0922.8	2795	10.	91214.7	-0928.6	2885	9.1	92941.6	-0900.6	2975	8.8	95451.8	-0942.6
2706	10.	85151.4	-0947.6	2796	9.7	91232.2	-0906.8	2886	9.3	92949.1	-0948.7	2976	7.5	95501.8	-0944.1
2707	8.6	85153.3	-0948.8	2797	9.2	91241.7	-0912.3	2887	9.4	92954.8	-0911.4	2977	9.0	95511.3	-0909.0

2978	9.1	95525.2	-0920.0	3068	9.1	101756.6	-0954.8	3158	8.9	104504.5	-0907.0	3248	9.5	110840.7	-0928.9
2979	8.6	95547.0	-0932.3	3069	9.4	101804.1	-0919.5	3159	9.3	104518.0	-0920.1	3249	9.3	110841.7	-0902.7
2980	9.7	95556.8	-0939.9	3070	9.5	101805.3	-0930.3	3160	10.	104542.4	-0915.5	3250	10.	110915.0	-0900.7
2981	9.3	95613.0	-0954.6	3071	9.7	101824.0	-0906.2	3161	9.5	104551.0	-0903.6	3251	9.4	110915.9	-0909.6
2982	9.4	95618.8	-0920.0	3072	8.3	101840.5	-0917.9	3162	10.	104559.1	-0928.9	3252	9.8	110919.8	-0948.7
2983	10.	95633.8	-0918.5	3073	9.6	101915.9	-0913.6	3163	8.5	104605.0	-0959.0	3253	9.0	110937.8	-0937.3
2984	8.0	95640.7	-0927.2	3074	10.	101918.2	-0910.8	3164	8.8	104625.3	-0925.0	3254	9.8	110940.5	-0933.4
2985	8.6	95656.3	-0954.0	3075	9.6	101930.7	-0949.1	3165	9.5	104650.9	-0901.8	3255	10.	110941.0	-0908.7
2986	9.5	95706.7	-0915.6	3076	9.5	101942.5	-0921.6	3166	10.	104658.0	-0947.6	3256	9.6	111023.3	-0951.2
2987	9.5	95711.4	-0952.2	3077	9.3	101948.6	-0952.2	3167	8.0	104733.9	-0918.8	3257	9.4	111105.4	-0921.8
2988	8.4	95721.4	-0948.3	3078	9.8	101952.0	-0921.9	3168	9.4	104753.6	-0927.4	3258	8.7	111123.1	-0920.0
2989	9.8	95743.1	-0953.6	3079	9.5	102033.7	-0927.5	3169	9.7	104757.9	-0928.5	3259	9.2	111149.5	-0909.1
2990	8.5	95820.9	-0946.0	3080	9.5	102036.6	-0956.5	3170	9.6	104832.6	-0933.8	3260	9.5	111214.9	-0920.5
2991	9.5	95837.4	-0928.5	3081	9.4	102054.9	-0916.8	3171	9.0	104852.9	-0943.1	3261	9.3	111223.0	-0952.9
2992	9.1	95839.2	-0959.3	3082	7.3	102116.4	-0908.7	3172	8.0	104905.4	-0951.0	3262	9.2	111235.4	-0915.7
2993	9.4	95855.9	-0942.9	3083	9.4	102121.3	-0930.2	3173	9.0	104936.9	-0916.5	3263	9.1	111237.6	-0927.0
2994	9.8	95908.6	-0922.3	3084	9.6	102124.8	-0927.0	3174	8.3	104950.3	-0911.3	3264	9.8	111259.5	-0916.8
2995	9.8	95910.9	-0959.1	3085	9.5	102125.9	-0932.3	3175	9.6	105005.5	-0930.4	3265	6.3	111313.2	-0930.3
2996	9.2	95943.5	-0900.3	3086	10.	102138.0	-0959.1	3176	9.5	105019.3	-0911.0	3266	9.1	111354.8	-0900.3
2997	9.2	95953.1	-0913.5	3087	9.4	102146.5	-0946.4	3177	9.8	105024.3	-0929.2	3267	9.8	111440.4	-0922.4
2998	9.1	100011.3	-0949.8	3088	9.8	102205.7	-0933.0	3178	9.3	105055.4	-0959.2	3268	9.3	111447.7	-0938.3
2999	9.2	100018.6	-0912.8	3089	9.6	102209.5	-0929.8	3179	9.5	105108.8	-0913.1	3269	9.5	111509.2	-0939.6
3000	9.5	100029.8	-0928.9	3090	9.5	102217.9	-0951.1	3180	9.8	105117.0	-0943.8	3270	9.3	111510.6	-0942.3
3001	10.	100042.6	-0917.0	3091	9.8	102315.8	-0919.3	3181	9.0	105143.9	-0955.8	3271	9.5	111512.4	-0908.1
3002	9.8	100051.7	-0926.0	3092	9.8	102345.8	-0917.4	3182	6.8	105202.5	-0933.1	3272	9.8	111522.2	-0958.3
3003	9.1	100101.1	-0911.9	3093	9.7	102357.8	-0934.5	3183	9.1	105214.3	-0944.2	3273	9.7	111626.6	-0944.7
3004	9.5	100112.0	-0910.9	3094	8.6	102437.9	-0906.2	3184	9.5	105234.9	-0918.9	3274	8.2	111627.9	-0937.6
3005	9.5	100121.6	-0914.2	3095	8.7	102447.6	-0936.3	3185	8.5	105309.2	-0909.4	3275	8.8	111647.6	-0953.0
3006	9.3	100126.1	-0916.0	3096	9.2	102500.0	-0956.4	3186	9.8	105323.8	-0943.7	3276	9.8	111709.8	-0923.9
3007	9.8	100200.8	-0934.0	3097	9.1	102542.4	-0933.8	3187	9.4	105336.3	-0914.5	3277	9.5	111732.1	-0913.7
3008	8.8	100215.6	-0913.3	3098	9.4	102602.3	-0901.1	3188	9.7	105337.1	-0902.0	3278	9.6	111734.3	-0933.5
3009	9.9	100241.9	-0955.1	3099	9.2	102625.4	-0901.9	3189	9.7	105355.8	-0931.6	3279	9.4	111744.6	-0940.0
3010	9.7	100245.7	-0943.3	3100	9.6	102701.6	-0931.6	3190	9.2	105407.3	-0941.7	3280	9.5	111745.5	-0947.3
3011	9.1	100301.6	-0913.0	3101	7.3	102705.3	-0908.9	3191	9.1	105424.2	-0911.3	3281	9.8	111759.4	-0922.6
3012	8.7	100310.5	-0938.4	3102	9.5	102732.3	-0922.1	3192	9.7	105430.5	-0927.7	3282	9.8	111811.1	-0948.4
3013	9.4	100321.5	-0900.4	3103	9.7	102747.9	-0906.3	3193	7.8	105446.8	-0904.5	3283	7.3	111856.5	-0904.6
3014	9.5	100331.6	-0906.4	3104	9.8	102816.5	-0937.2	3194	10.	105506.7	-0948.7	3284	8.8	111858.8	-0956.9
3015	9.1	100413.6	-0910.5	3105	9.3	102817.3	-0904.1	3195	7.0	105514.7	-0912.7	3285	9.7	111859.5	-0911.6
3016	9.6	100442.3	-0928.3	3106	9.8	102826.8	-0913.9	3196	9.7	105521.2	-0912.7	3286	9.8	111913.2	-0928.4
3017	8.3	100510.4	-0936.4	3107	9.2	102857.9	-0943.2	3197	9.5	105536.7	-0914.7	3287	8.7	111926.6	-0936.5
3018	10.	100526.0	-0951.7	3108	6.5	102905.0	-0949.6	3198	8.7	105632.3	-0932.8	3288	7.8	111932.2	-0908.4
3019	9.7	100534.5	-0900.6	3109	8.8	102930.0	-0905.0	3199	9.4	105747.7	-0943.8	3289	9.8	111946.7	-0911.6
3020	10.	100534.8	-0913.2	3110	9.5	103029.8	-0957.5	3200	10.	105757.2	-0937.0	3290	9.0	112033.1	-0923.6
3021	9.1	100545.7	-0914.1	3111	9.6	103059.9	-0930.5	3201	8.2	105758.7	-0930.5	3291	10.	112045.5	-0957.5
3022	9.7	100559.1	-0954.9	3112	9.4	103100.7	-0927.9	3202	10.	105823.5	-0907.7	3292	8.8	112051.0	-0926.5
3023	9.5	100616.2	-0941.4	3113	8.5	103141.7	-0923.6	3203	10.	105829.1	-0925.4	3293	9.5	112109.7	-0917.3
3024	10.	100618.2	-0920.3	3114	9.8	103217.2	-0935.3	3204	9.3	105847.2	-0948.6	3294	10.	112115.2	-0911.8
3025	8.3	100629.3	-0904.3	3115	8.6	103221.2	-0916.3	3205	10.	105850.1	-0922.0	3295	10.	112128.4	-0952.3
3026	9.7	100650.3	-0946.3	3116	9.8	103306.6	-0930.1	3206	9.8	105932.8	-0928.4	3296	10.	112150.6	-0919.8
3027	9.0	100659.0	-0917.9	3117	9.2	103331.6	-0933.9	3207	8.0	105952.1	-0916.4	3297	9.6	112216.0	-0928.0
3028	9.5	100704.0	-0905.6	3118	9.0	103349.3	-0919.6	3208	9.8	110002.7	-0926.5	3298	7.0	112217.1	-0915.6
3029	9.3	100817.7	-0949.8	3119	9.5	103418.6	-0935.8	3209	9.3	110005.6	-0912.7	3299	9.4	112244.3	-0927.4
3030	9.0	100858.9	-0901.1	3120	9.0	103432.6	-0904.6	3210	9.8	110018.6	-0901.5	3300	8.9	112246.9	-0950.2
3031	9.4	100911.4	-0911.8	3121	10.	103446.6	-0915.4	3211	9.4	110019.9	-0933.1	3301	9.4	112321.0	-0947.7
3032	10.	100928.9	-0900.3	3122	9.3	103509.2	-0906.6	3212	9.9	110020.2	-0948.9	3302	10.	112323.1	-0932.5
3033	9.8	100931.9	-0913.4	3123	9.8	103520.7	-0904.9	3213	8.9	110029.1	-0922.2	3303	9.5	112338.7	-0936.7
3034	9.0	100938.3	-0902.9	3124	9.9	103552.1	-0911.3	3214	9.8	110044.3	-0904.1	3304	9.5	112339.4	-0923.8
3035	9.4	101001.2	-0943.1	3125	9.6	103556.7	-0952.7	3215	9.4	110053.2	-0938.1	3305	9.6	112405.1	-0915.4
3036	9.5	101022.4	-0911.8	3126	9.6	103607.8	-0946.0	3216	9.9	110115.4	-0914.6	3306	10.	112407.7	-0928.7
3037	9.0	101022.9	-0901.7	3127	9.8	103636.1	-0938.4	3217	9.5	110123.7	-0904.5	3307	9.3	112408.0	-0946.6
3038	9.9	101038.2	-0956.7	3128	9.3	103644.5	-0954.4	3218	9.8	110139.6	-0920.8	3308	9.1	112430.8	-0947.4
3039	9.8	101041.2	-0925.1	3129	9.4	103706.8	-0929.5	3219	8.6	110140.5	-0929.1	3309	9.8	112445.5	-0924.2
3040	9.1	101050.7	-0944.2	3130	8.9	103718.7	-0958.7	3220	8.8	110141.3	-0904.6	3310	9.5	112450.2	-0900.6
3041	9.5	101055.2	-0936.8	3131	9.8	103718.7	-0907.5	3221	8.3	110214.2	-0937.0	3311	9.5	112459.1	-0912.9
3042	9.6	101110.3	-0956.5	3132	9.4	103722.3	-0928.6	3222	9.5	110240.7	-0930.1	3312	9.6	112529.4	-0937.9
3043	9.5	101149.8	-0910.8	3133	8.5	103732.6	-0911.0	3223	9.5	110300.0	-0915.8	3313	9.5	112532.8	-0915.6
3044	9.2	101204.3	-0913.7	3134	7.1	103834.3	-0957.1	3224	9.8	110312.1	-0920.7	3314	9.5	112536.0	-0927.5
3045	9.4	101224.4	-0928.1	3135	10.	103851.1	-0920.2	3225	9.8	110342.9	-0942.1	3315	9.5	112548.4	-0938.1
3046	9.3	101240.1	-0957.7	3136	9.1	103910.0	-0940.9	3226	10.	110409.5	-0919.8	3316	9.5	112626.1	-0955.8
3047	9.8	101242.2	-0901.6	3137	9.5	103929.2	-0947.6	3227	8.6	110416.1	-0906.4	3317	10.	112627.2	-0926.5
3048	9.5	101247.3	-0906.4	3138	9.7	103942.9	-0950.7	3228	9.9	110435.6	-0946.8	3318	9.2	112630.2	-0929.2
3049	9.6	101318.1	-0922.1	3139	10.	104030.5	-0915.8	3229	8.7	110437.1	-0905.6	3319	9.8	112632.6	-0901.1
3050	9.5	101355.0	-0935.5	3140	9.5	104044.0	-0915.3	3230	9.7	110437.4	-0932.9	3320	9.5	112708.3	-0956.8
3051	9.5	101410.8	-0958.7	3141	8.2	104051.8	-0912.6	3231	9.7	110445.1	-0941.0	3321	10.	112712.4	-0945.5
3052	7.7	101431.1	-0902.6	3142	9.1	104119.0	-0904.5	3232	9.3	110459.6	-0914.1	3322	9.4	112754.1	-0906.5
3053	9.4	101444.8	-0936.7	3143	9.6	104121.1	-0904.5	3233	9.8	110506.1	-0926.4	3323	9.8	112819.5	-0919.4
3054	9.5	101447.7	-0935.2	3144	9.5	104159.6	-0952.2	3234	9.4	110506.5	-0945.7	3324	9.0	112847.3	-0935.4
3055	10.	101507.5	-0948.5	3145	9.0	104201.2	-0909.2	3235	8.4	110508.1	-0921.3	3325	8.2	112904.6	-0938.0
3056	9.2	101533.6	-0911.9	3146	9.9	104218.0	-0916.4	3236	8.7	110508.8	-0950.9	3326	9.2	112931.0	-0927.3
3057	9.1	101601.6	-0908.9	3147	5.5	104228.8	-0904.7	3237	8.7	110510.5	-0911.2	3327	9.8	112932.2	-0912.0
3058	9.0	101617.8	-0936.0	3148	8.4	104235.1	-0929.2	3238	8.2	110635.4	-0929.0	3328	9.2	112943.7	-0918.6
3059	9.4	101630.2	-0942.6	3149	9.8	104239.0	-0954.3	3239	10.	110648.5	-0925.5	3329	8.7	113019.9	-0959.1
3060	9.3	101648.5	-0913.0	3150	9.8	104258.1	-0902.3	3240	9.9	110654.5	-0904.8	3330	8.2	113034.8	-0902.0
3061	9.4	101648.6	-0943.9	3151	9.5	104305.6	-0950.0	3241	9.8	110700.7	-0959.0	3331	9.4	113123.0	-0910.2
3062	9.0	101652.9	-0910.6	3152	9.5	104314.0	-0900.5	3242	8.5	110702.3	-0903.0	3332	9.3	113134.6	-0904.9
3063	9.4	101701.4	-0939.7	3153	9.5	104416.5	-0939.7	3243	8.7	110719.0	-0907.0	3333	9.0	113149.4	-0943.9
3064	9.4	101706.6	-0907.8	3154	9.5	104421.5	-0924.2	3244	9.1	110723.0	-0921.7	3334	9.7	113153.5	-0932.4
3065	9.4	101714.3	-0927.3	3155	9.8	104431.9	-0902.3	3245	9.6	110738.7	-0927.4	3335	9.1	113156.4	-0918.9
3066	9.3	101740.9	-0905.8	3156	9.7	104444.3	-0932.1	3246	9.5	110813.0	-0914.8	3336	9.4	113209.8	-0931.9
3067	8.0	101744.0	-0903.6	3157	8.9	104445.4	-0911.2	3247	7.5	110837.8	-0949.6	3337	9.8	113221.9	-0932.5

-09 3338 11h32m

-09 3697 13h20m

3338	9.5	113258.8	-0952.8	3428	8.8	115733.6	-0915.7	3518	9.8	122735.3	-0952.2	3608	10.	125431.6	-0901.7
3339	9.5	113301.3	-0926.5	3429	9.4	115755.7	-0900.0	3519	9.0	122751.6	-0948.7	3609	9.8	125434.5	-0918.4
3340	9.6	113301.8	-0934.2	3430	9.5	115815.6	-0908.7	3520	8.5	122838.1	-0935.3	3610	9.6	125445.2	-0932.8
3341	9.5	113317.9	-0957.5	3431	10.	115851.5	-0906.9	3521	9.5	122934.7	-0918.1	3611	9.5	125456.2	-0929.1
3342	7.3	113328.2	-0906.8	3432	9.7	115901.6	-0906.3	3522	9.6	123005.1	-0910.5	3612	9.5	125543.9	-0924.3
3343	8.8	113331.6	-0900.6	3433	10.	115917.8	-0956.1	3523	9.8	123016.6	-0915.1	3613	10.	125708.4	-0936.0
3344	9.3	113344.7	-0918.7	3434	8.3	115956.9	-0955.8	3524	9.1	123017.7	-0904.3	3614	9.8	125724.1	-0931.6
3345	9.4	113458.5	-0912.3	3435	9.5	120016.6	-0930.4	3525	9.1	123058.5	-0945.3	3615	9.5	125752.4	-0933.0
3346	9.5	113508.2	-0938.5	3436	9.5	120044.4	-0941.2	3526	9.8	123103.2	-0911.4	3616	9.3	125755.6	-0919.9
3347	10.	113508.8	-0916.1	3437	9.7	120046.1	-0922.2	3527	9.8	123127.7	-0900.2	3617	8.9	125807.8	-0943.4
3348	9.5	113541.3	-0948.4	3438	9.5	120058.9	-0947.4	3528	10.	123140.6	-0901.9	3618	9.8	125821.9	-0916.5
3349	8.3	113624.0	-0915.9	3439	9.0	120105.7	-0911.7	3529	9.3	123147.7	-0906.4	3619	9.8	125829.8	-0951.0
3350	8.0	113636.1	-0949.3	3440	9.2	120128.5	-0912.5	3530	9.5	123202.6	-0922.5	3620	9.7	125831.2	-0900.7
3351	8.5	113639.8	-0957.7	3441	9.6	120144.3	-0946.5	3531	9.7	123247.6	-0907.8	3621	9.0	125850.9	-0916.6
3352	9.2	113640.0	-0912.1	3442	9.4	120145.2	-0932.0	3532	9.2	123324.4	-0935.6	3622	9.1	125856.4	-0940.8
3353	9.8	113701.9	-0911.9	3443	9.8	120148.0	-0914.7	3533	10.	123329.9	-0939.3	3623	9.3	125858.0	-0950.0
3354	9.2	113719.1	-0931.9	3444	9.6	120200.1	-0956.8	3534	8.5	123339.4	-0902.0	3624	10.	125920.8	-0901.9
3355	9.8	113752.7	-0955.5	3445	9.2	120203.2	-0935.2	3535	9.9	123357.5	-0903.8	3625	9.4	125955.1	-0916.0
3356	9.3	113754.4	-0909.1	3446	9.8	120204.3	-0919.6	3536	9.3	123412.4	-0958.5	3626	10.	130007.8	-0902.6
3357	9.7	113809.4	-0931.1	3447	9.3	120216.2	-0934.9	3537	9.8	123427.4	-0930.1	3627	10.	130008.8	-0916.3
3358	9.7	113815.6	-0940.6	3448	9.3	120300.8	-0950.8	3538	9.8	123500.6	-0928.3	3628	5.8	130018.3	-0957.5
3359	9.7	113857.4	-0928.2	3449	9.5	120314.9	-0917.2	3539	9.5	123507.6	-0918.5	3629	9.7	130024.5	-0904.1
3360	9.5	113901.0	-0911.6	3450	9.2	120319.3	-0947.2	3540	9.5	123519.8	-0938.8	3630	9.8	130050.3	-0947.7
3361	9.0	113929.7	-0927.9	3451	9.0	120329.5	-0934.4	3541	9.6	123547.6	-0929.3	3631	10.	130059.3	-0950.4
3362	9.4	113944.9	-0923.7	3452	8.8	120340.8	-0954.1	3542	9.0	123619.1	-0915.7	3632	9.9	130101.8	-0940.8
3363	9.3	113957.3	-0957.4	3453	9.5	120351.4	-0954.7	3543	9.6	123622.1	-0947.0	3633	9.7	130131.8	-0928.0
3364	9.3	114009.9	-0924.3	3454	9.4	120357.9	-0917.4	3544	10.	123644.9	-0938.1	3634	9.9	130135.6	-0950.6
3365	9.2	114100.0	-0905.4	3455	9.5	120358.4	-0914.5	3545	9.2	123645.8	-0940.6	3635	10.	130209.4	-0913.0
3366	6.7	114101.2	-0930.3	3456	9.0	120406.8	-0956.5	3546	9.2	123652.8	-0952.8	3636	6.5	130210.7	-0933.0
3367	9.6	114101.4	-0922.2	3457	7.3	120413.8	-0945.6	3547	8.3	123656.5	-0917.5	3637	9.5	130240.3	-0945.4
3368	9.1	114107.0	-0929.8	3458	10.	120436.1	-0915.7	3548	9.5	123709.3	-0935.5	3638	9.4	130258.8	-0909.2
3369	9.5	114109.3	-0954.7	3459	10.	120454.4	-0930.4	3549	10.	123758.4	-0933.8	3639	9.8	130304.6	-0928.9
3370	9.8	114120.4	-0944.0	3460	9.8	120503.8	-0938.6	3550	9.4	123827.0	-0916.2	3640	8.0	130315.8	-0919.7
3371	9.8	114134.3	-0928.4	3461	9.6	120523.2	-0932.7	3551	9.8	123833.2	-0915.2	3641	8.0	130346.0	-0944.2
3372	9.5	114142.2	-0948.9	3462	10.	120528.3	-0955.8	3552	9.9	123834.0	-0928.3	3642	9.6	130446.6	-0920.4
3373	9.9	114228.5	-0955.2	3463	9.5	120626.7	-0947.3	3553	9.2	123858.5	-0904.1	3643	10.	130632.3	-0903.9
3374	9.4	114250.4	-0951.4	3464	9.0	120634.1	-0919.9	3554	10.	123900.1	-0901.3	3644	10.	130642.6	-0901.0
3375	8.9	114251.4	-0911.4	3465	9.8	120641.0	-0946.0	3555	9.5	123935.3	-0957.5	3645	9.4	130706.4	-0944.0
3376	9.8	114302.5	-0909.7	3466	9.7	120656.1	-0929.6	3556	9.8	123948.9	-0930.8	3646	7.5	130709.9	-0935.9
3377	9.5	114311.4	-0904.6	3467	8.7	120725.1	-0935.7	3557	9.5	123959.1	-0959.8	3647	9.0	130716.4	-0926.1
3378	8.5	114317.9	-0908.5	3468	6.2	120743.1	-0928.2	3558	8.8	123959.3	-0927.7	3648	8.5	130718.4	-0939.5
3379	9.4	114335.0	-0912.2	3469	9.9	120756.2	-0956.3	3559	9.8	124005.4	-0925.0	3649	9.5	130719.8	-0926.4
3380	9.2	114347.4	-0903.6	3470	8.2	120812.8	-0927.9	3560	9.5	124028.3	-0957.8	3650	9.1	130734.1	-0917.9
3381	8.5	114357.3	-0910.1	3471	9.1	120840.6	-0931.8	3561	8.9	124032.5	-0914.9	3651	9.4	130829.8	-0951.6
3382	9.8	114413.7	-0939.1	3472	8.7	120907.1	-0931.0	3562	10.	124057.6	-0904.4	3652	8.7	130838.2	-0949.5
3383	9.4	114502.2	-0923.9	3473	8.5	120908.8	-0915.0	3563	9.8	124152.4	-0926.9	3653	9.5	130923.9	-0935.7
3384	9.6	114507.3	-0912.7	3474	9.0	121002.3	-0916.3	3564	9.4	124156.8	-0957.6	3654	7.0	130952.4	-0946.9
3385	9.8	114517.3	-0930.4	3475	9.9	121036.7	-0952.7	3565	9.5	124236.2	-0921.7	3655	9.8	130955.0	-0918.2
3386	9.3	114544.4	-0905.5	3476	9.8	121037.1	-0900.2	3566	8.5	124301.6	-0946.8	3656	9.4	131003.1	-0939.5
3387	9.0	114600.2	-0957.9	3477	9.5	121039.2	-0936.4	3567	10.	124307.0	-0928.4	3657	9.6	131014.5	-0911.0
3388	10.	114631.3	-0924.3	3478	9.3	121117.6	-0949.1	3568	9.0	124350.0	-0932.4	3658	10.	131031.4	-0938.8
3389	9.5	114641.2	-0915.2	3479	9.8	121156.1	-0943.7	3569	6.5	124350.4	-0932.4	3659	10.	131032.7	-0932.7
3390	9.5	114735.4	-0911.2	3480	9.0	121200.2	-0923.2	3570	9.5	124521.0	-0925.9	3660	9.5	131130.3	-0940.4
3391	9.5	114741.7	-0908.1	3481	9.5	121209.2	-0922.1	3571	8.8	124524.1	-0946.5	3661	9.2	131134.0	-0915.9
3392	9.5	114743.5	-0948.0	3482	9.7	121218.2	-0907.5	3572	10.	124526.2	-0909.3	3662	9.0	131137.8	-0912.5
3393	9.5	114829.9	-0927.9	3483	8.5	121245.6	-0959.4	3573	9.5	124527.7	-0933.1	3663	9.1	131142.1	-0907.4
3394	9.0	114847.2	-0957.0	3484	9.8	121333.8	-0929.5	3574	9.5	124530.4	-0925.8	3664	8.7	131200.2	-0901.9
3395	9.8	114901.6	-0951.8	3485	9.1	121344.1	-0956.7	3575	9.0	124541.1	-0923.6	3665	8.0	131251.7	-0925.7
3396	7.2	114920.6	-0954.7	3486	10.	121358.7	-0913.4	3576	9.2	124541.2	-0928.9	3666	10.	131308.2	-0949.2
3397	9.4	114937.2	-0930.4	3487	8.9	121512.0	-0935.2	3577	9.8	124611.2	-0913.1	3667	10.	131314.4	-0917.6
3398	9.0	115005.0	-0930.1	3488	9.5	121515.1	-0950.4	3578	10.	124614.6	-0943.4	3668	10.	131326.3	-0926.5
3399	9.6	115013.1	-0949.8	3489	9.6	121521.3	-0947.8	3579	8.6	124632.1	-0918.9	3669	7.3	131337.0	-0914.4
3400	8.0	115023.2	-0921.0	3490	8.0	121653.0	-0940.7	3580	9.4	124644.0	-0952.7	3670	9.1	131351.8	-0942.0
3401	9.1	115025.5	-0934.6	3491	9.6	121748.2	-0930.5	3581	9.5	124649.5	-0956.1	3671	9.5	131417.2	-0955.1
3402	9.9	115027.3	-0901.7	3492	8.3	121806.6	-0914.1	3582	9.4	124651.7	-0900.8	3672	10.	131429.1	-0949.2
3403	9.1	115047.1	-0956.5	3493	9.5	121819.0	-0940.5	3583	9.5	124712.5	-0923.8	3673	9.5	131445.2	-0955.4
3404	9.0	115048.2	-0933.7	3494	9.8	121825.1	-0916.4	3584	8.3	124718.6	-0938.6	3674	9.8	131503.3	-0935.3
3405	9.0	115059.0	-0912.7	3495	9.5	121854.6	-0917.0	3585	9.4	124753.6	-0936.5	3675	9.0	131524.1	-0956.4
3406	9.2	115059.2	-0929.3	3496	9.4	121902.1	-0910.0	3586	9.3	124819.3	-0926.4	3676	9.1	131539.9	-0935.7
3407	9.0	115100.0	-0908.3	3497	9.3	121924.4	-0933.2	3587	9.5	124822.7	-0905.1	3677	10.	131548.2	-0940.8
3408	6.8	115144.7	-0940.0	3498	9.3	121935.6	-0912.8	3588	9.6	124823.3	-0933.0	3678	10.	131609.5	-0922.3
3409	10.	115145.9	-0930.7	3499	9.8	121950.7	-0902.8	3589	9.8	124858.2	-0912.3	3679	9.6	131610.2	-0942.8
3410	9.5	115211.1	-0936.5	3500	9.3	121957.6	-0909.9	3590	9.1	124932.6	-0936.0	3680	9.5	131632.5	-0915.4
3411	10.	115231.6	-0918.5	3501	9.5	122002.9	-0957.1	3591	10.	124954.0	-0956.1	3681	9.3	131647.8	-0920.4
3412	9.1	115305.3	-0941.0	3502	8.0	122022.1	-0922.0	3592	9.5	125010.1	-0905.6	3682	9.7	131648.2	-0911.3
3413	6.4	115318.4	-0937.0	3503	9.4	122155.0	-0915.3	3593	9.5	125017.6	-0916.1	3683	8.7	131648.7	-0940.7
3414	8.5	115323.1	-0909.2	3504	9.0	122201.4	-0950.5	3594	10.	125132.4	-0918.2	3684	10.	131714.7	-0936.5
3415	9.9	115324.2	-0919.6	3505	9.3	122211.4	-0956.0	3595	7.7	125135.1	-0903.2	3685	9.1	131714.7	-0940.0
3416	8.7	115345.2	-0904.1	3506	9.2	122236.4	-0922.7	3596	10.	125152.0	-0902.6	3686	9.9	131727.3	-0900.6
3417	9.8	115425.6	-0923.8	3507	9.8	122250.0	-0940.3	3597	9.8	125211.9	-0949.0	3687	10.	131730.1	-0951.4
3418	9.8	115458.5	-0956.7	3508	7.8	122309.2	-0901.1	3598	9.5	125213.4	-0947.2	3688	9.5	131738.8	-0904.1
3419	9.4	115514.5	-0920.4	3509	9.5	122410.5	-0939.2	3599	9.1	125220.9	-0933.1	3689	8.8	131825.7	-0946.9
3420	9.0	115514.8	-0954.2	3510	9.4	122411.6	-0923.9	3600	9.1	125231.5	-0922.8	3690	9.8	131836.3	-0905.9
3421	8.5	115520.0	-0950.2	3511	9.4	122448.2	-0923.1	3601	9.7	125313.0	-0919.5	3691	9.8	131852.1	-0914.6
3422	8.0	115534.0	-0956.5	3512	9.8	122545.7	-0908.2	3602	9.5	125322.5	-0927.9	3692	8.8	131917.9	-0950.3
3423	9.8	115551.6	-0920.6	3513	8.8	122556.6	-0922.2	3603	10.	125339.6	-0909.3	3693	10.	131922.3	-0930.5
3424	10.	115557.5	-0944.8	3514	9.4	122609.0	-0928.5	3604	9.3	125358.4	-0944.5	3694	10.	131939.9	-0954.8
3425	6.5	115634.7	-0929.5	3515	9.8	122614.2	-0904.7	3605	9.0	125406.1	-0902.9	3695	9.1	131941.0	-0953.6
3426	9.8	115639.4	-0907.5	3516	9.4	122700.8	-0934.7	3606	9.9	125411.0	-0910.6	3696	10.	131949.8	-0906.0
3427	9.3	115730.5	-0939.5	3517	9.3	122707.7	-0915.6	3607	9.0	125428.2	-0940.1	3697	10.	132033.9	-0934.2

3698	10.	132035.7	-0927.8	3788	10.	134155.8	-0906.7	3878	4.0	140510.3	-0936.0
3699	9.7	132043.6	-0917.4	3789	8.5	134320.9	-0947.1	3879	9.9	140511.2	-0929.9
3700	10.	132052.6	-0953.1	3790	9.3	134340.0	-0939.6	3880	10.	140518.5	-0907.5
3701	8.8	132140.4	-0937.6	3791	9.8	134353.8	-0900.2	3881	9.0	140535.8	-0901.7
3702	8.5	132157.7	-0957.5	3792	9.3	134424.9	-0908.8	3882	9.4	140611.6	-0951.7
3703	10.	132207.3	-0900.2	3793	7.3	134512.3	-0957.7	3883	10.	140625.2	-0919.1
3704	9.6	132339.3	-0945.5	3794	9.2	134524.9	-0906.5	3884	9.6	140626.2	-0935.4
3705	9.4	132404.8	-0909.8	3795	9.8	134537.3	-0959.0	3885	10.	140630.7	-0951.1
3706	8.2	132411.3	-0930.7	3796	9.6	134608.4	-0902.3	3886	10.	140652.0	-0906.6
3707	9.8	132414.0	-0904.2	3797	9.3	134611.5	-0938.5	3887	9.9	140656.5	-0903.0
3708	10.	132432.3	-0913.4	3798	9.7	134613.0	-0939.4	3888	9.5	140659.9	-0943.8
3709	9.5	132457.3	-0916.5	3799	10.	134641.4	-0947.6	3889	9.5	140705.2	-0948.2
3710	8.7	132458.1	-0927.0	3800	9.8	134653.3	-0912.2	3890	9.5	140708.0	-0922.8
3711	5.8	132519.7	-0925.0	3801	9.8	134707.1	-0923.7	3891	9.9	140708.8	-0953.1
3712	9.0	132536.2	-0949.7	3802	9.0	134708.3	-0911.5	3892	9.7	140730.9	-0918.8
3713	9.8	132619.6	-0923.7	3803	9.4	134711.1	-0906.3	3893	9.1	140808.4	-0922.9
3714	9.3	132628.2	-0908.3	3804	7.0	134812.3	-0902.5	3894	9.5	140815.2	-0907.1
3715	9.6	132642.1	-0917.6	3805	9.5	134820.8	-0946.0	3895	9.6	140818.5	-0935.0
3716	9.2	132653.4	-0929.1	3806	9.6	134851.7	-0955.7	3896	9.0	140827.2	-0908.1
3717	9.8	132703.7	-0958.8	3807	7.8	134857.2	-0919.3	3897	9.5	140908.5	-0921.1
3718	10.	132705.6	-0934.4	3808	9.6	134907.7	-0959.5	3898	9.1	140932.4	-0907.5
3719	8.8	132711.8	-0951.9	3809	9.2	134911.9	-0959.5	3899	9.5	140944.8	-0903.9
3720	10.	132738.6	-0942.7	3810	9.9	134912.6	-0934.9	3900	10.	140952.4	-0928.6
3721	9.0	132739.4	-0931.7	3811	9.3	134918.2	-0932.8	3901	10.	141003.7	-0903.1
3722	9.5	132745.7	-0911.9	3812	9.9	134933.1	-0909.6	3902	9.4	141015.3	-0902.4
3723	9.6	132751.6	-0959.6	3813	9.3	134948.4	-0948.3	3903	9.1	141024.9	-0913.3
3724	8.3	132803.9	-0935.2	3814	10.	134954.5	-0925.7	3904	9.7	141026.3	-0926.6
3725	8.0	132816.7	-0902.4	3815	9.9	134956.3	-0902.8	3905	9.3	141028.4	-0906.0
3726	9.0	132832.1	-0956.5	3816	9.6	135020.0	-0914.0	3906	9.4	141035.2	-0921.7
3727	10.	132842.3	-0904.7	3817	9.1	135022.2	-0923.0	3907	10.	141038.6	-0917.0
3728	9.3	132844.3	-0935.3	3818	9.8	135029.8	-0901.2	3908	9.5	141049.4	-0953.1
3729	8.8	132917.2	-0933.1	3819	9.1	135033.9	-0943.4	3909	8.5	141122.4	-0956.3
3730	9.8	132922.2	-0944.0	3820	10.	135034.4	-0902.8	3910	9.2	141134.4	-0935.1
3731	9.4	132941.1	-0912.3	3821	9.2	135051.8	-0954.9	3911	9.5	141147.4	-0935.4
3732	9.8	133005.2	-0950.1	3822	9.8	135058.7	-0911.5	3912	10.	141221.0	-0959.9
3733	9.5	133014.9	-0930.8	3823	10.	135111.3	-0945.4	3913	10.	141318.4	-0952.0
3734	9.8	133052.1	-0918.1	3824	9.8	135131.6	-0942.8	3914	10.	141327.0	-0950.4
3735	7.5	133102.6	-0908.7	3825	9.8	135132.2	-0957.0	3915	7.0	141347.9	-0942.0
3736	8.6	133127.3	-0939.1	3826	9.8	135144.9	-0939.2	3916	9.1	141355.8	-0908.6
3737	7.8	133156.0	-0922.6	3827	9.1	135204.3	-0943.7	3917	9.9	141358.7	-0957.5
3738	8.6	133206.2	-0930.6	3828	8.7	135257.2	-0949.0	3918	9.0	141418.8	-0907.3
3739	9.1	133213.1	-0957.0	3829	9.8	135258.4	-0934.2	3919	9.0	141435.3	-0914.0
3740	10.	133228.8	-0950.9	3830	8.5	135331.6	-0940.2	3920	9.7	141446.8	-0901.4
3741	9.9	133235.3	-0940.1	3831	9.8	135332.7	-0909.0	3921	8.6	141523.4	-0946.7
3742	9.5	133239.2	-0927.7	3832	8.7	135357.6	-0914.2	3922	9.4	141537.7	-0916.2
3743	9.5	133323.2	-0922.3	3833	9.5	135359.7	-0907.5	3923	10.	141554.6	-0953.0
3744	10.	133329.6	-0949.8	3834	9.9	135411.3	-0945.3	3924	9.6	141554.8	-0900.8
3745	8.0	133343.7	-0943.2	3835	9.5	135449.2	-0932.3	3925	8.8	141619.9	-0945.4
3746	10.	133348.8	-0954.4	3836	9.0	135449.5	-0945.0	3926	9.8	141630.2	-0923.1
3747	9.8	133350.8	-0914.6	3837	9.8	135513.7	-0906.2	3927	9.3	141644.5	-0920.9
3748	9.2	133352.6	-0912.8	3838	8.8	135514.8	-0945.5	3928	10.	141726.0	-0954.7
3749	9.5	133447.1	-0904.7	3839	10.	135544.4	-0929.8	3929	9.4	141726.8	-0932.3
3750	9.1	133457.6	-0940.9	3840	9.6	135610.3	-0936.4	3930	10.	141737.5	-0911.8
3751	9.8	133524.2	-0934.5	3841	7.3	135616.7	-0902.9	3931	9.3	141756.7	-0918.8
3752	10.	133529.0	-0929.4	3842	10.	135638.8	-0948.4	3932	9.0	141758.6	-0906.8
3753	9.4	133529.6	-0951.7	3843	9.0	135644.6	-0905.3	3933	9.4	141809.3	-0949.2
3754	9.8	133540.5	-0922.9	3844	9.1	135723.1	-0905.1	3934	10.	141816.2	-0918.6
3755	10.	133602.4	-0932.2	3845	9.5	135725.4	-0933.1	3935	9.6	141819.6	-0930.4
3756	9.6	133604.1	-0925.7	3846	9.1	135733.1	-0914.3	3936	9.4	141826.8	-0910.4
3757	9.0	133611.0	-0907.7	3847	9.2	135801.4	-0928.5	3937	10.	141851.1	-0913.6
3758	9.5	133647.4	-0939.9	3848	9.4	135825.1	-0952.4	3938	10.	141853.1	-0949.8
3759	8.5	133647.8	-0925.2	3849	10.	135846.9	-0911.4	3939	9.2	141907.2	-0954.6
3760	10.	133656.5	-0958.0	3850	9.7	135852.6	-0936.1	3940	9.4	141909.0	-0950.0
3761	9.5	133709.4	-0912.0	3851	8.9	135852.6	-0924.4	3941	9.4	141920.5	-0928.4
3762	10.	133717.4	-0904.5	3852	9.5	135914.1	-0953.6	3942	10.	141943.3	-0951.1
3763	10.	133723.5	-0957.8	3853	9.1	135914.8	-0906.2	3943	8.7	141944.8	-0933.0
3764	10.	133728.6	-0906.1	3854	8.2	135946.7	-0937.7	3944	10.	142008.2	-0928.8
3765	10.	133732.6	-0956.3	3855	10.	140003.7	-0948.0	3945	6.5	142047.4	-0921.1
3766	9.9	133737.6	-0946.0	3856	9.0	140028.7	-0943.3	3946	9.0	142053.4	-0933.0
3767	9.0	133740.1	-0947.3	3857	10.	140032.0	-0953.8	3947	8.8	142055.0	-0933.4
3768	9.0	133742.6	-0948.2	3858	9.5	140034.1	-0957.4	3948	9.9	142123.2	-0956.9
3769	9.5	133812.0	-0949.5	3859	9.5	140041.6	-0958.8	3949	8.0	142145.2	-0954.9
3770	9.3	133825.6	-0937.5	3860	9.8	140048.7	-0909.1	3950	9.0	142145.8	-0930.0
3771	9.5	133903.0	-0931.2	3861	9.4	140102.6	-0910.3	3951	9.8	142200.2	-0944.9
3772	9.7	133927.9	-0914.5	3862	9.0	140105.1	-0907.2	3952	9.3	142200.2	-0956.3
3773	9.8	133929.5	-0926.8	3863	9.0	140109.0	-0908.9	3953	9.9	142233.0	-0940.2
3774	10.	133931.6	-0946.7	3864	9.5	140115.5	-0949.1	3954	9.8	142233.5	-0913.6
3775	9.5	133943.5	-0911.8	3865	6.5	140117.2	-0938.4	3955	9.7	142244.2	-0913.7
3776	9.8	134010.4	-0958.5	3866	9.4	140215.8	-0930.8	3956	9.8	142258.8	-0912.1
3777	8.7	134013.0	-0927.5	3867	9.0	140226.0	-0917.6	3957	9.5	142259.4	-0959.4
3778	9.2	134027.4	-0913.5	3868	9.9	140255.5	-0906.3	3958	9.7	142308.2	-0949.4
3779	9.3	134056.4	-0959.0	3869	9.0	140326.1	-0945.7	3959	9.4	142308.6	-0919.7
3780	9.5	134057.3	-0957.9	3870	8.5	140335.6	-0947.1	3960	9.0	142325.3	-0939.2
3781	9.8	134114.5	-0950.1	3871	10.	140338.2	-0905.6	3961	9.5	142425.4	-0910.2
3782	10.	134124.5	-0947.1	3872	9.7	140341.2	-0932.8	3962	8.2	142450.0	-0906.9
3783	9.5	134131.2	-0911.0	3873	8.7	140347.2	-0955.1	3963	9.7	142525.7	-0953.0
3784	9.5	134131.4	-0928.0	3874	8.6	140412.9	-0916.5	3964	9.5	142550.9	-0916.8
3785	9.6	134133.3	-0907.7	3875	9.6	140422.7	-0931.7	3965	9.6	142642.4	-0907.9
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3787	9.5	134143.2	-0913.9	3877	7.2	140450.5	-0912.6	3967	9.7	142702.5	-0917.2
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3969	9.5	142828.9	-0921.3								
3970	9.2	142939.8	-0921.7								
3971	9.5	143013.5	-0922.9								
3972	7.8	143018.4	-0906.4								
3973	9.9	143025.3	-0919.4								
3974	9.7	143107.9	-0954.4								
3975	7.0	143112.5	-0955.6								
3976	9.3	143145.5	-0942.4								
3977	8.5	143200.2	-0919.4								
3978	9.6	143205.1	-0959.4								
3979	8.1	143355.3	-0911.0								
3980	9.1	143358.0	-0941.5								
3981	9.6	143433.3	-0923.7								
3982	9.7	143442.1	-0930.9								
3983	9.4	143532.0	-0957.8								
3984	6.3	143539.3	-0904.7								
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4003	9.7	144147.2	-0936.6								
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4005	9.1	144240.8	-0943.3								
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4019	10.	144507.8	-0930.7								
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4021	9.5	144558.5	-0907.7								
4022	9.3	144609.0	-0904.2								
4023	9.6	144619.8	-0917.8								
4024	9.8	144652.2	-0944.8								
4025	9.2	144700.3	-0959.5								
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4027	9.4	144731.0	-0905.2								
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4047	9.9	145142.2	-0920.4								
4048	9.4	145145.2	-0940.1								
4049	8.8	145148.3	-0916.5								
4050	10.	145224.7	-0959.1								
4051	9.3	145232.1	-0955.8								
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4054	9.4	145320.6	-0959.2								
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4056	9.4	145436.8	-0905.2								
4057	9.7	145500.0	-0943.4								

4058	7.8	145500.9	-0949.1	4148	9.8	152017.9	-0940.4	4238	9.6	154114.1	-0947.6	4328	9.8	160509.6	-0942.0
4059	10.	145522.0	-0938.4	4149	10.	152036.3	-0937.1	4239	9.8	154115.0	-0943.7	4329	9.2	160516.8	-0957.6
4060	9.3	145534.8	-0931.8	4150	9.7	152105.0	-0906.2	4240	9.5	154121.0	-0944.5	4330	9.5	160600.1	-0915.8
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4071	9.2	145940.0	-0904.5	4161	10.	152410.8	-0942.7	4251	9.4	154419.7	-0909.2	4341	9.2	160849.6	-0941.3
4072	10.	145942.2	-0931.1	4162	9.0	152418.8	-0951.1	4252	9.1	154432.5	-0956.9	4342	9.6	160912.6	-0907.2
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4077	9.2	150049.3	-0919.7	4167	8.5	152516.3	-0936.8	4257	9.5	154741.5	-0909.3	4347	9.0	161001.6	-0907.9
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4080	9.2	150233.5	-0919.7	4170	9.8	152610.2	-0958.3	4260	8.5	154819.5	-0917.7	4350	9.1	161101.8	-0929.1
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4092	9.1	150522.6	-0947.0	4182	9.1	152947.7	-0946.5	4272	9.1	155102.7	-0942.4	4362	8.8	161346.8	-0945.6
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4129	9.5	151403.6	-0906.8	4219	9.7	153719.4	-0918.1	4309	9.6	160115.7	-0959.2	4399	9.4	162123.8	-0926.7
4130	9.6	151434.2	-0949.0	4220	9.8	153728.1	-0912.4	4310	9.8	160124.7	-0959.3	4400	9.8	162146.4	-0911.4
4131	9.0	151448.8	-0926.5	4221	9.8	153737.1	-0953.6	4311	9.8	160135.7	-0958.7	4401	9.5	162218.8	-0936.1
4132	9.6	151449.8	-0911.4	4222	10.	153737.2	-0909.7	4312	9.6	160157.3	-0918.4	4402	9.9	162222.9	-0916.5
4133	8.5	151518.9	-0957.8	4223	9.5	153743.4	-0956.8	4313	9.2	160159.7	-0931.7	4403	9.3	162256.6	-0947.2
4134	9.5	151541.2	-0911.6	4224	8.3	153755.4	-0914.7	4314	9.5	160203.2	-0904.6	4404	9.7	162318.0	-0910.6
4135	9.1	151548.6	-0918.9	4225	9.5	153757.7	-0937.0	4315	8.9	160213.7	-0948.1	4405	8.7	162349.4	-0934.5
4136	9.1	151550.9	-0956.7	4226	9.4	153817.4	-0910.4	4316	10.	160233.1	-0958.0	4406	7.0	162405.6	-0922.4
4137	9.7	151558.3	-0901.5	4227	8.9	153825.7	-0930.3	4317	9.8	160237.4	-0908.5	4407	9.5	162405.9	-0912.8
4138	5.0	151619.9	-0947.8	4228	8.0	153842.6	-0940.5	4318	9.3	160246.2	-0952.9	4408	9.2	162411.6	-0943.4
4139	9.0	151635.8	-0907.2	4229	9.8	153917.0	-0951.5	4319	9.4	160249.5	-0906.0	4409	9.2	162433.5	-0946.4
4140	9.3	151654.1	-0923.4	4230	8.0	153927.6	-0950.8	4320	9.5	160302.0	-0943.3	4410	9.3	162513.0	-0954.9
4141	9.2	151712.4	-0948.9	4231	9.2	153933.1	-0914.6	4321	9.7	160332.9	-0938.0	4411	9.3	162515.6	-0938.1
4142	9.4	151759.7	-0912.7	4232	9.1	153941.0	-0938.3	4322	9.8	160347.7	-0909.5	4412	9.7	162544.1	-0928.5
4143	9.5	151825.4	-0944.3	4233	7.0	153947.3	-0901.5	4323	9.3	160401.5	-0957.3	4413	7.8	162724.9	-0922.3
4144	9.1	151840.4	-0927.8	4234	9.5	154004.6	-0914.3	4324	5.3	160404.4	-0940.9	4414	9.3	162731.7	-0927.5
4145	9.8	151912.3	-0937.2	4235	9.8	154023.8	-0904.8	4325	10.	160451.7	-0906.4	4415	9.5	162741.0	-0937.9
4146	9.4	151928.4	-0940.1	4236	9.8	154047.3	-0918.6	4326	9.0	160455.6	-0945.7	4416	9.4	162800.6	-0938.9
4147	9.1	151952.0	-0928.7	4237	8.8	154109.5	-0934.2	4327	9.8	160500.6	-0950.6	4417	8.2	162817.0	-0926.8

-09 4418 16h28m

-09 4777 18h29m

4418	9.3	162829.5	-0944.8	4508	9.5	170238.9	-0928.8	4598	7.8	173709.0	-0944.6	4688	9.3	181054.0	-0918.8
4419	9.8	162833.9	-0917.4	4509	9.5	170256.5	-0948.7	4599	9.5	173811.1	-0939.0	4689	9.5	181120.0	-0908.5
4420	9.7	162915.4	-0910.9	4510	9.0	170316.4	-0955.4	4600	9.5	173856.5	-0957.8	4690	8.4	181129.5	-0951.9
4421	9.7	162916.5	-0907.0	4511	9.4	170318.7	-0924.0	4601	9.0	173857.7	-0903.1	4691	9.0	181137.6	-0933.9
4422	9.5	162941.8	-0955.1	4512	8.2	170332.5	-0944.8	4602	9.4	173907.2	-0930.4	4692	7.0	181207.3	-0938.6
4423	9.3	162942.1	-0930.7	4513	9.5	170335.4	-0902.9	4603	9.1	173923.1	-0942.2	4693	9.3	181218.8	-0909.2
4424	9.0	163020.0	-0954.2	4514	9.4	170344.7	-0926.0	4604	9.0	173949.5	-0932.6	4694	9.6	181227.0	-0942.7
4425	9.5	163029.4	-0915.0	4515	9.4	170348.8	-0924.5	4605	9.1	174037.1	-0934.7	4695	9.5	181243.6	-0934.9
4426	9.3	163101.2	-0925.4	4516	9.5	170519.6	-0907.2	4606	9.0	174042.6	-0934.8	4696	9.8	181301.5	-0914.2
4427	7.5	163101.9	-0958.4	4517	9.4	170520.3	-0929.5	4607	9.4	174054.6	-0928.6	4697	9.4	181308.5	-0912.5
4428	9.8	163111.5	-0952.2	4518	8.6	170522.5	-0929.8	4608	9.4	174059.8	-0904.8	4698	8.6	181337.8	-0915.6
4429	9.8	163115.6	-0938.1	4519	7.3	170541.2	-0906.4	4609	10.	174144.1	-0934.7	4699	9.2	181352.5	-0914.2
4430	7.0	163142.8	-0915.3	4520	9.5	170603.7	-0905.2	4610	9.8	174153.7	-0934.4	4700	9.4	181411.7	-0909.1
4431	9.1	163222.4	-0909.4	4521	9.5	170651.7	-0902.8	4611	9.8	174154.0	-0901.0	4701	9.7	181437.0	-0949.7
4432	9.5	163236.1	-0938.2	4522	9.2	170659.1	-0908.9	4612	9.7	174156.3	-0912.4	4702	9.4	181439.5	-0942.5
4433	9.6	163254.1	-0902.8	4523	9.2	170711.9	-0942.7	4613	9.8	174242.2	-0917.3	4703	9.5	181444.8	-0918.3
4434	9.7	163309.4	-0942.8	4524	9.1	170735.0	-0910.9	4614	9.3	174308.4	-0953.6	4704	9.1	181452.6	-0935.0
4435	10.	163330.5	-0956.6	4525	7.0	170743.1	-0938.4	4615	9.4	174320.1	-0901.0	4705	9.6	181500.8	-0930.1
4436	9.5	163447.0	-0903.2	4526	9.8	170821.5	-0940.6	4616	8.4	174401.0	-0956.1	4706	9.5	181506.5	-0951.9
4437	10.	163503.3	-0934.4	4527	9.0	170843.6	-0919.6	4617	9.5	174410.6	-0935.4	4707	9.6	181517.5	-0949.7
4438	9.7	163503.4	-0939.2	4528	9.1	170846.2	-0909.1	4618	9.4	174452.4	-0904.8	4708	9.8	181520.3	-0928.1
4439	9.1	163521.0	-0936.4	4529	9.9	170847.5	-0919.6	4619	9.4	174610.5	-0946.1	4709	8.5	181529.5	-0916.2
4440	9.1	163620.1	-0930.1	4530	8.5	170908.7	-0901.7	4620	8.9	174707.1	-0949.4	4710	9.5	181535.1	-0937.9
4441	9.5	163620.4	-0905.0	4531	9.1	170909.5	-0937.4	4621	8.8	174830.4	-0935.2	4711	9.3	181535.7	-0913.5
4442	9.3	163627.8	-0926.4	4532	9.3	170934.7	-0905.8	4622	9.8	174859.5	-0903.2	4712	5.5	181543.2	-0900.4
4443	9.3	163643.9	-0901.5	4533	9.6	171019.3	-0936.1	4623	9.2	174940.7	-0911.6	4713	8.5	181553.4	-0958.2
4444	9.0	163709.4	-0916.5	4534	10.	171021.2	-0909.0	4624	9.0	174955.7	-0918.1	4714	9.3	181553.6	-0928.5
4445	9.5	163718.7	-0946.6	4535	9.3	171047.1	-0916.7	4625	9.0	174959.0	-0946.4	4715	10.	181620.1	-0926.8
4446	9.1	163819.8	-0925.8	4536	9.5	171143.0	-0944.8	4626	9.1	175012.6	-0905.1	4716	9.5	181634.1	-0937.9
4447	9.5	163846.4	-0943.3	4537	9.6	171310.6	-0953.3	4627	9.5	175025.0	-0924.7	4717	9.2	181636.5	-0958.4
4448	9.4	163848.1	-0908.1	4538	9.2	171329.8	-0957.8	4628	9.5	175030.9	-0931.6	4718	9.5	181640.4	-0959.3
4449	9.8	163856.5	-0956.2	4539	8.9	171401.5	-0950.9	4629	10.	175045.8	-0938.3	4719	8.9	181645.9	-0925.4
4450	9.5	163925.0	-0932.3	4540	8.8	171418.3	-0934.4	4630	10.	175050.2	-0932.9	4720	10.	181652.6	-0952.5
4451	8.8	164009.4	-0925.0	4541	9.2	171442.1	-0917.0	4631	9.0	175058.2	-0900.0	4721	9.3	181704.6	-0940.3
4452	9.9	164023.0	-0907.9	4542	9.4	171443.5	-0948.4	4632	3.8	175102.5	-0945.2	4722	9.1	181716.5	-0944.9
4453	9.5	164038.2	-0927.7	4543	9.5	171508.0	-0928.0	4633	9.8	175124.5	-0954.1	4723	9.5	181719.2	-0922.4
4454	8.0	164100.9	-0939.7	4544	9.4	171539.7	-0903.7	4634	9.8	175134.3	-0930.0	4724	9.4	181722.9	-0923.2
4455	9.3	164154.1	-0951.4	4545	9.4	171557.3	-0904.4	4635	10.	175204.8	-0921.1	4725	9.8	181723.1	-0941.3
4456	9.5	164207.8	-0927.1	4546	7.0	171601.6	-0913.1	4636	9.7	175219.3	-0907.8	4726	9.5	181727.5	-0946.9
4457	9.5	164254.4	-0903.7	4547	9.5	171641.4	-0930.6	4637	8.9	175222.6	-0930.0	4727	9.7	181735.1	-0931.5
4458	9.5	164300.9	-0952.0	4548	9.2	171703.1	-0923.0	4638	9.4	175227.9	-0928.3	4728	9.1	181736.1	-0935.7
4459	9.8	164325.6	-0925.6	4549	7.8	171705.7	-0904.2	4639	9.0	175348.9	-0902.5	4729	8.3	181744.5	-0949.7
4460	9.1	164327.5	-0942.1	4550	9.1	171747.4	-0922.4	4640	10.	175420.8	-0913.5	4730	9.6	181751.7	-0905.0
4461	9.6	164347.5	-0919.8	4551	9.5	171831.1	-0906.8	4641	9.5	175544.4	-0947.0	4731	8.5	181802.9	-0932.4
4462	10.	164354.6	-0950.5	4552	9.6	171848.5	-0926.4	4642	7.0	175556.7	-0914.5	4732	9.5	181812.6	-0925.8
4463	9.5	164400.3	-0920.0	4553	9.3	171912.4	-0949.1	4643	9.0	175627.0	-0915.4	4733	9.5	181820.2	-0934.8
4464	9.8	164429.9	-0902.1	4554	9.1	171918.0	-0924.2	4644	8.9	175627.4	-0958.5	4734	9.8	181822.8	-0922.8
4465	9.8	164457.9	-0904.2	4555	9.1	172011.2	-0923.9	4645	9.1	175709.2	-0917.6	4735	9.5	181836.0	-0950.0
4466	9.8	164619.1	-0946.0	4556	8.0	172031.5	-0922.3	4646	8.2	175713.1	-0935.0	4736	7.5	181837.3	-0916.4
4467	9.0	164711.6	-0909.8	4557	9.5	172111.0	-0935.0	4647	9.4	175713.1	-0912.4	4737	9.8	181904.6	-0935.5
4468	9.8	164718.6	-0914.9	4558	7.5	172117.1	-0951.9	4648	9.8	175732.0	-0959.4	4738	9.5	181906.9	-0956.5
4469	9.5	164751.0	-0958.0	4559	9.7	172130.1	-0943.8	4649	8.0	175747.7	-0916.0	4739	9.0	181955.2	-0906.5
4470	9.5	164846.2	-0902.0	4560	9.0	172141.8	-0927.7	4650	9.7	175901.9	-0939.0	4740	9.6	182006.8	-0918.1
4471	9.4	165007.8	-0911.6	4561	9.3	172152.6	-0959.6	4651	10.	175909.0	-0902.2	4741	9.5	182010.5	-0943.7
4472	8.3	165036.3	-0929.9	4562	8.2	172229.7	-0958.7	4652	7.3	175936.7	-0911.6	4742	9.3	182022.1	-0940.5
4473	9.8	165222.9	-0958.7	4563	9.4	172239.5	-0904.6	4653	9.5	175942.5	-0925.3	4743	9.3	182026.6	-0927.4
4474	9.5	165223.0	-0913.2	4564	8.9	172345.4	-0952.2	4654	8.6	180038.0	-0949.5	4744	9.9	182048.3	-0910.1
4475	9.3	165257.1	-0936.6	4565	9.0	172406.0	-0905.6	4655	9.5	180055.7	-0923.7	4745	8.6	182051.5	-0943.4
4476	9.0	165309.6	-0900.8	4566	9.3	172437.8	-0918.2	4656	9.1	180109.4	-0927.5	4746	9.5	182125.9	-0925.7
4477	9.5	165323.0	-0918.9	4567	9.2	172510.5	-0930.7	4657	9.2	180116.5	-0946.4	4747	9.5	182131.2	-0901.1
4478	8.6	165329.7	-0931.6	4568	9.5	172550.6	-0904.0	4658	9.4	180151.4	-0931.7	4748	9.5	182136.0	-0917.4
4479	8.8	165348.1	-0933.1	4569	9.5	172552.4	-0932.0	4659	8.9	180159.2	-0914.7	4749	8.0	182137.3	-0923.0
4480	10.	165354.0	-0917.1	4570	9.8	172559.5	-0955.6	4660	9.0	180205.0	-0942.5	4750	9.8	182156.2	-0927.2
4481	8.8	165435.6	-0904.1	4571	9.5	172605.5	-0922.8	4661	9.5	180210.6	-0929.2	4751	9.5	182213.1	-0936.1
4482	8.5	165521.1	-0903.6	4572	9.6	172624.5	-0916.2	4662	9.3	180211.7	-0907.1	4752	9.7	182222.8	-0918.5
4483	10.	165533.5	-0907.6	4573	9.8	172650.5	-0900.2	4663	9.6	180238.6	-0933.5	4753	9.6	182252.9	-0923.6
4484	9.6	165553.5	-0920.7	4574	10.	172710.0	-0959.4	4664	9.5	180243.4	-0953.7	4754	9.1	182258.8	-0907.9
4485	9.8	165559.2	-0945.6	4575	9.5	172744.4	-0923.1	4665	9.6	180310.9	-0945.4	4755	9.8	182312.1	-0959.2
4486	9.5	165617.0	-0909.6	4576	9.4	172758.0	-0913.4	4666	9.6	180320.1	-0922.6	4756	8.8	182330.2	-0935.2
4487	9.8	165640.0	-0941.9	4577	9.3	172815.6	-0951.5	4667	9.5	180333.3	-0918.0	4757	9.8	182330.2	-0903.0
4488	9.3	165648.0	-0955.3	4578	8.9	172823.0	-0941.9	4668	9.8	180343.7	-0911.7	4758	9.5	182333.3	-0952.0
4489	9.5	165658.5	-0917.5	4579	8.8	172844.2	-0907.8	4669	8.2	180349.3	-0934.3	4759	9.5	182348.3	-0921.0
4490	8.9	165722.8	-0925.8	4580	8.5	172844.2	-0944.3	4670	9.2	180448.8	-0905.2	4760	9.5	182350.2	-0932.0
4491	9.4	165732.1	-0941.5	4581	8.9	172913.5	-0925.3	4671	8.9	180606.4	-0954.5	4761	9.0	182359.6	-0908.8
4492	9.0	165733.3	-0904.4	4582	9.8	172926.5	-0924.5	4672	8.8	180626.3	-0934.1	4762	7.7	182414.4	-0928.2
4493	9.2	165736.1	-0925.6	4583	9.3	172940.1	-0931.4	4673	8.8	180635.1	-0921.8	4763	9.6	182506.2	-0903.9
4494	9.7	165805.0	-0933.8	4584	9.8	173046.2	-0910.3	4674	9.8	180645.9	-0956.5	4764	9.5	182515.2	-0922.6
4495	9.1	165806.1	-0901.3	4585	9.1	173106.6	-0952.2	4675	9.0	180744.9	-0959.5	4765	9.3	182536.3	-0903.0
4496	9.6	165807.4	-0903.9	4586	9.7	173111.0	-0950.1	4676	8.0	180816.0	-0951.0	4766	9.5	182556.3	-0917.3
4497	10.	165808.7	-0900.2	4587	9.2	173122.7	-0916.6	4677	9.5	180831.4	-0959.5	4767	9.0	182623.5	-0946.7
4498	10.	165814.4	-0926.6	4588	9.8	173203.6	-0927.5	4678	6.2	180924.8	-0948.2	4768	8.6	182716.3	-0930.7
4499	9.3	165820.0	-0929.4	4589	9.5	173214.5	-0959.6	4679	9.8	180929.7	-0951.3	4769	9.2	182723.0	-0905.8
4500	9.4	165844.8	-0942.5	4590	9.3	173308.3	-0909.1	4680	8.4	180941.7	-0925.1	4770	8.8	182725.7	-0909.9
4501	8.7	165848.8	-0934.1	4591	8.8	173352.9	-0939.6	4681	9.0	180946.1	-0946.5	4771	8.5	182734.7	-0935.9
4502	8.1	165906.6	-0935.7	4592	9.0	173429.2	-0900.2	4682	9.2	180956.9	-0954.2	4772	9.3	182743.1	-0941.7
4503	9.1	170002.0	-0944.9	4593	9.5	173440.4	-0939.1	4683	8.9	180959.1	-0941.8	4773	9.5	182800.7	-0935.4
4504	9.8	170029.5	-0914.2	4594	9.0	173544.8	-0914.7	4684	8.8	181007.3	-0923.3	4774	9.5	182811.5	-0952.1
4505	9.8	170131.3	-0922.0	4595	8.8	173609.0	-0944.6	4685	8.7	181007.6	-0946.1	4775	9.9	182853.0	-0948.0
4506	9.7	170133.4	-0932.5	4596	10.	173629.1	-0942.2	4686	9.5	181037.4	-0906.1	4776	9.5	182856.7	-0916.0
4507	9.4	170148.3	-0943.5	4597	10.	173708.1	-0937.6	4687	9.1	181049.2	-0932.3	4777	9.3	182919.6	-0930.3

-09 4778 18h29m

-09 5137 19h19m

4778	9.4	182957.5	-0956.8	4868	8.0	184410.8	-0915.3	4958	9.5	185413.6	-0942.5	5048	9.0	190621.8	-0918.4
4779	8.5	183001.2	-0904.6	4869	9.4	184423.2	-0948.9	4959	10.	185424.9	-0922.9	5049	9.4	190621.9	-0932.4
4780	9.4	183001.6	-0940.2	4870	9.8	184430.9	-0922.1	4960	9.2	185428.1	-0903.0	5050	9.4	190622.9	-0930.6
4781	9.5	183026.7	-0905.1	4871	9.0	184438.3	-0906.3	4961	8.7	185438.7	-0902.1	5051	9.1	190638.9	-0910.1
4782	9.4	183041.9	-0900.4	4872	9.5	184457.6	-0939.4	4962	9.1	185439.2	-0901.0	5052	9.0	190641.5	-0902.6
4783	9.3	183055.9	-0914.6	4873	10.	184457.9	-0951.1	4963	8.2	185440.1	-0908.2	5053	10.	190651.8	-0902.7
4784	9.1	183153.4	-0913.1	4874	9.3	184501.0	-0926.7	4964	9.6	185442.9	-0917.6	5054	9.8	190703.1	-0905.1
4785	9.8	183158.8	-0935.2	4875	9.4	184501.5	-0904.7	4965	9.1	185443.6	-0951.5	5055	8.9	190704.2	-0950.6
4786	9.8	183213.9	-0934.0	4876	6.6	184504.4	-0945.2	4966	9.5	185445.4	-0917.7	5056	9.3	190707.7	-0941.3
4787	9.8	183214.4	-0945.6	4877	9.5	184517.1	-0911.6	4967	9.4	185453.5	-0928.9	5057	9.5	190712.9	-0913.0
4788	9.6	183214.7	-0927.8	4878	9.5	184519.2	-0913.7	4968	9.1	185456.1	-0910.8	5058	10.	190733.4	-0909.3
4789	9.4	183216.4	-0924.8	4879	9.9	184522.5	-0959.1	4969	9.4	185527.9	-0909.9	5059	9.1	190735.0	-0900.4
4790	8.3	183224.9	-0916.2	4880	9.5	184526.7	-0934.9	4970	9.5	185530.5	-0956.3	5060	9.7	190736.9	-0924.6
4791	8.8	183319.8	-0934.1	4881	9.8	184539.2	-0933.6	4971	8.9	185532.6	-0946.9	5061	9.6	190748.7	-0914.9
4792	9.7	183325.2	-0912.7	4882	10.	184544.6	-0946.5	4972	9.5	185539.3	-0900.3	5062	9.0	190751.0	-0945.0
4793	9.2	183405.4	-0915.8	4883	9.3	184547.3	-0913.8	4973	9.4	185543.1	-0948.5	5063	9.6	190751.3	-0940.8
4794	9.8	183412.2	-0923.0	4884	9.5	184552.9	-0906.1	4974	9.3	185614.9	-0917.1	5064	9.8	190805.4	-0916.4
4795	9.0	183419.4	-0916.0	4885	9.5	184553.6	-0910.8	4975	9.3	185622.8	-0905.9	5065	9.5	190816.4	-0922.1
4796	5.0	183420.1	-0911.2	4886	7.5	184559.7	-0932.8	4976	9.8	185628.2	-0916.3	5066	9.6	190817.9	-0926.5
4797	10.	183423.2	-0911.7	4887	9.3	184603.6	-0946.6	4977	8.7	185629.1	-0944.8	5067	9.3	190826.8	-0940.7
4798	8.7	183425.2	-0937.4	4888	9.0	184607.7	-0941.2	4978	8.8	185631.9	-0912.2	5068	9.3	190829.8	-0940.7
4799	9.4	183427.6	-0900.9	4889	9.5	184618.8	-0906.4	4979	9.0	185645.7	-0901.2	5069	10.	190831.7	-0918.1
4800	9.0	183444.0	-0934.6	4890	9.2	184625.1	-0939.1	4980	9.4	185652.3	-0957.6	5070	9.5	190832.4	-0900.4
4801	9.8	183457.2	-0906.8	4891	9.5	184632.6	-0947.7	4981	9.5	185655.9	-0908.1	5071	10.	190837.2	-0937.1
4802	8.3	183507.3	-0918.7	4892	9.2	184637.7	-0941.6	4982	9.0	185719.4	-0903.0	5072	8.9	190850.8	-0940.8
4803	9.8	183529.3	-0904.5	4893	9.4	184639.4	-0906.9	4983	9.8	185736.4	-0923.3	5073	9.2	190918.7	-0951.8
4804	9.0	183531.4	-0910.8	4894	9.2	184641.0	-0955.0	4984	9.5	185743.9	-0922.9	5074	9.0	190921.5	-0939.5
4805	8.8	183533.0	-0927.8	4895	9.1	184645.9	-0937.8	4985	9.8	185747.1	-0954.8	5075	9.3	190931.8	-0959.7
4806	9.5	183542.1	-0937.5	4896	8.8	184651.1	-0910.4	4986	8.0	185759.1	-0906.9	5076	9.8	190943.0	-0930.1
4807	9.5	183545.1	-0934.5	4897	9.8	184651.8	-0924.3	4987	6.6	185812.7	-0950.7	5077	9.4	190947.3	-0907.6
4808	9.5	183545.1	-0950.0	4898	9.5	184652.7	-0931.5	4988	9.1	185816.0	-0949.6	5078	10.	191000.2	-0919.9
4809	9.0	183550.0	-0944.9	4899	9.8	184702.0	-0934.9	4989	10.	185821.2	-0949.1	5079	7.8	191002.9	-0956.3
4810	9.8	183556.0	-0959.1	4900	9.0	184702.3	-0910.9	4990	9.5	185821.3	-0931.2	5080	9.5	191004.8	-0924.1
4811	8.3	183556.1	-0904.3	4901	9.2	184712.0	-0903.1	4991	9.8	185825.9	-0905.1	5081	10.	191008.2	-0945.9
4812	9.6	183603.9	-0928.0	4902	9.8	184715.6	-0953.9	4992	10.	185827.8	-0947.6	5082	9.1	191009.5	-0910.9
4813	9.8	183623.0	-0957.6	4903	9.7	184721.9	-0903.1	4993	9.7	185828.8	-0954.3	5083	9.7	191010.4	-0950.2
4814	9.5	183629.4	-0924.8	4904	9.7	184734.6	-0949.4	4994	10.	185842.8	-0934.6	5084	9.3	191013.6	-0952.5
4815	9.0	183634.6	-0927.0	4905	10.	184742.2	-0901.4	4995	9.5	185843.5	-0908.7	5085	9.3	191102.5	-0915.7
4816	9.4	183636.5	-0957.1	4906	8.4	184744.0	-0927.4	4996	9.4	185844.9	-0903.1	5086	9.4	191105.2	-0925.9
4817	9.5	183639.6	-0940.1	4907	9.5	184745.1	-0923.5	4997	9.4	185853.3	-0904.2	5087	9.3	191111.5	-0921.7
4818	9.8	183649.0	-0950.0	4908	9.4	184748.2	-0941.7	4998	10.	185854.0	-0922.1	5088	8.5	191122.5	-0912.3
4819	8.8	183714.3	-0932.8	4909	9.2	184808.7	-0934.8	4999	9.7	185919.1	-0926.7	5089	9.2	191140.7	-0901.5
4820	9.7	183717.4	-0931.8	4910	9.5	184814.6	-0929.5	5000	8.5	185922.4	-0937.8	5090	9.1	191149.3	-0916.0
4821	9.7	183718.8	-0933.6	4911	9.0	184828.4	-0908.7	5001	9.1	185922.4	-0940.3	5091	8.5	191155.3	-0942.7
4822	10.	183721.8	-0927.9	4912	9.3	184836.3	-0911.8	5002	9.0	185923.0	-0912.3	5092	8.3	191204.0	-0934.6
4823	9.8	183725.0	-0931.6	4913	9.6	184837.5	-0956.3	5003	10.	185923.2	-0924.7	5093	8.5	191205.2	-0908.0
4824	9.5	183736.5	-0956.8	4914	9.3	184847.7	-0920.1	5004	9.3	185930.0	-0924.5	5094	7.5	191206.3	-0939.8
4825	9.8	183751.3	-0923.1	4915	9.5	184855.1	-0954.4	5005	9.1	185948.9	-0915.2	5095	9.0	191207.8	-0944.7
4826	9.5	183751.3	-0913.5	4916	9.3	184907.2	-0907.5	5006	9.5	185953.4	-0951.0	5096	9.8	191231.5	-0919.9
4827	9.5	183757.1	-0905.9	4917	9.0	184910.8	-0903.5	5007	10.	185955.5	-0913.0	5097	9.5	191236.8	-0949.5
4828	9.0	183804.2	-0937.0	4918	9.7	184914.9	-0900.7	5008	9.4	190001.5	-0924.7	5098	9.5	191248.0	-0905.7
4829	9.5	183819.5	-0955.3	4919	9.5	184936.1	-0947.1	5009	9.0	190016.9	-0907.6	5099	9.0	191252.9	-0953.7
4830	9.3	183828.9	-0920.4	4920	8.5	184943.0	-0957.9	5010	9.6	190030.0	-0913.2	5100	9.5	191311.6	-0956.2
4831	9.1	183835.8	-0901.6	4921	9.2	184945.4	-0936.0	5011	9.8	190043.0	-0905.8	5101	9.5	191322.4	-0941.2
4832	9.1	183848.5	-0953.8	4922	9.4	184946.3	-0911.2	5012	9.5	190045.1	-0946.6	5102	9.5	191342.5	-0905.4
4833	9.3	183903.7	-0948.4	4923	9.2	184959.6	-0908.5	5013	8.4	190048.0	-0931.9	5103	9.4	191344.9	-0951.9
4834	9.3	183906.1	-0947.4	4924	9.8	185001.8	-0906.1	5014	9.2	190054.2	-0945.6	5104	9.8	191406.5	-0926.2
4835	8.9	183927.5	-0927.9	4925	9.8	185013.6	-0946.0	5015	8.0	190101.9	-0902.5	5105	9.8	191424.3	-0918.1
4836	9.5	183934.8	-0907.3	4926	9.1	185018.5	-0956.3	5016	9.3	190111.7	-0903.4	5106	9.9	191437.7	-0910.8
4837	9.5	183959.5	-0955.8	4927	8.9	185020.8	-0930.0	5017	9.7	190112.3	-0916.5	5107	8.9	191438.0	-0940.0
4838	9.0	184008.4	-0910.1	4928	9.5	185028.1	-0944.5	5018	9.5	190126.2	-0940.1	5108	8.6	191443.8	-0901.5
4839	9.2	184011.4	-0916.0	4929	8.9	185044.0	-0918.9	5019	9.8	190131.0	-0921.2	5109	10.	191459.7	-0922.4
4840	9.1	184057.3	-0911.1	4930	9.8	185044.1	-0908.8	5020	8.6	190142.0	-0932.5	5110	9.1	191501.0	-0926.5
4841	9.0	184101.6	-0908.7	4931	10.	185052.4	-0943.1	5021	9.4	190209.5	-0915.4	5111	9.4	191503.0	-0931.7
4842	9.5	184114.6	-0933.0	4932	9.8	185053.6	-0909.3	5022	7.5	190210.3	-0923.3	5112	9.3	191503.5	-0915.6
4843	9.5	184117.7	-0926.0	4933	9.3	185102.7	-0946.9	5023	9.8	190225.2	-0943.8	5113	9.3	191512.3	-0935.6
4844	9.9	184125.1	-0937.2	4934	9.5	185103.7	-0942.9	5024	9.2	190234.1	-0921.4	5114	9.2	191520.4	-0925.5
4845	9.2	184126.5	-0951.1	4935	7.5	185111.3	-0909.5	5025	9.5	190239.6	-0920.5	5115	9.2	191522.2	-0913.1
4846	9.5	184140.6	-0947.7	4936	9.1	185111.7	-0945.3	5026	9.5	190245.2	-0941.7	5116	9.8	191526.3	-0906.2
4847	9.0	184141.3	-0911.4	4937	9.2	185115.7	-0944.0	5027	9.0	190325.5	-0921.0	5117	9.4	191528.1	-0920.8
4848	9.3	184148.0	-0931.9	4938	9.4	185135.1	-0955.2	5028	9.4	190332.2	-0941.8	5118	9.4	191530.6	-0927.5
4849	9.0	184209.3	-0901.2	4939	9.2	185143.2	-0930.0	5029	9.9	190338.2	-0941.4	5119	9.5	191540.2	-0924.4
4850	9.0	184211.8	-0904.8	4940	9.3	185143.4	-0948.4	5030	9.1	190341.3	-0947.2	5120	9.0	191600.9	-0939.4
4851	9.8	184223.3	-0941.0	4941	9.2	185147.7	-0937.4	5031	9.6	190343.0	-0909.4	5121	9.7	191610.3	-0942.0
4852	9.0	184238.5	-0947.4	4942	9.4	185149.8	-0922.7	5032	9.5	190412.6	-0916.2	5122	9.5	191613.7	-0924.1
4853	9.8	184239.4	-0901.1	4943	8.8	185204.3	-0901.0	5033	9.0	190424.5	-0910.1	5123	7.8	191627.0	-0936.8
4854	9.0	184243.3	-0902.5	4944	9.4	185206.9	-0922.0	5034	9.0	190425.5	-0930.2	5124	9.2	191653.0	-0936.1
4855	9.4	184244.1	-0916.1	4945	9.5	185239.5	-0957.9	5035	9.7	190439.2	-0932.5	5125	8.7	191659.9	-0943.9
4856	10.	184254.1	-0907.3	4946	9.5	185246.4	-0910.2	5036	8.5	190444.5	-0910.9	5126	9.6	191736.2	-0955.0
4857	9.5	184256.6	-0926.2	4947	9.6	185251.0	-0943.8	5037	9.3	190450.7	-0954.3	5127	9.7	191736.5	-0942.9
4858	9.0	184259.0	-0959.5	4948	9.4	185255.0	-0943.4	5038	9.5	190502.7	-0924.9	5128	9.5	191749.0	-0940.4
4859	6.3	184300.0	-0956.1	4949	9.8	185257.4	-0918.5	5039	9.8	190511.7	-0947.3	5129	9.0	191754.9	-0950.3
4860	9.8	184300.4	-0905.2	4950	10.	185301.9	-0949.0	5040	9.7	190512.7	-0935.0	5130	8.1	191802.0	-0917.5
4861	9.3	184322.0	-0925.6	4951	9.5	185304.1	-0950.8	5041	8.8	190515.2	-0955.7	5131	9.5	191815.8	-0900.5
4862	8.8	184323.0	-0912.1	4952	9.4	185311.9	-0939.0	5042	9.6	190517.2	-0945.5	5132	9.4	191846.8	-0925.0
4863	8.7	184341.5	-0954.7	4953	9.1	185315.6	-0954.9	5043	9.4	190519.9	-0955.5	5133	9.9	191919.5	-0941.3
4864	9.2	184353.0	-0927.4	4954	9.3	185324.6	-0944.4	5044	9.4	190524.0	-0925.1	5134	9.7	191922.9	-0959.0
4865	10.	184400.6	-0953.6	4955	9.7	185352.4	-0914.1	5045	9.3	190533.5	-0904.4	5135	9.4	191937.5	-0953.4
4866	9.1	184403.3	-0926.3	4956	10.	185359.7	-0928.5	5046	9.3	190547.3	-0933.4	5136	9.5	191942.8	-0904.4
4867	9.4	184409.1	-0914.0	4957	9.2	185403.3	-0930.4	5047	9.0	190613.0	-0904.5	5137	9.7	191945.3	-0918.0

-09 5138 19h19m

-09 5497 20h26m

5138	9.5	191951.2	-0918.0	5228	9.7	193640.0	-0928.5	5318	9.3	195242.0	-0934.9	5408	9.5	200817.4	-0945.8
5139	9.0	191958.3	-0923.4	5229	9.2	193700.9	-0928.4	5319	9.5	195247.1	-0925.3	5409	9.5	200829.2	-0948.0
5140	9.7	191959.9	-0930.1	5230	8.8	193715.4	-0944.7	5320	9.5	195248.6	-0934.7	5410	9.7	200841.7	-0952.4
5141	8.3	192006.6	-0942.9	5231	10.	193717.8	-0951.2	5321	9.4	195255.5	-0950.8	5411	10.	200847.6	-0952.4
5142	9.5	192016.9	-0916.1	5232	9.1	193723.0	-0909.8	5322	9.4	195259.0	-0913.7	5412	9.5	200855.3	-0935.9
5143	8.0	192017.5	-0949.8	5233	9.5	193734.7	-0958.0	5323	8.9	195328.1	-0914.8	5413	9.5	200901.1	-0957.6
5144	9.7	192018.8	-0905.6	5234	9.8	193734.9	-0935.7	5324	8.0	195328.9	-0953.1	5414	9.1	200938.7	-0946.5
5145	9.9	192030.0	-0915.8	5235	9.5	193735.4	-0927.5	5325	9.5	195334.0	-0924.2	5415	9.5	200940.1	-0933.1
5146	8.4	192039.6	-0929.9	5236	9.5	193750.8	-0949.4	5326	9.3	195341.1	-0912.8	5416	9.8	200950.8	-0908.4
5147	9.5	192045.2	-0919.1	5237	9.5	193752.8	-0953.8	5327	9.2	195353.7	-0948.6	5417	8.5	200951.4	-0918.0
5148	9.3	192046.3	-0904.6	5238	9.5	193757.4	-0928.6	5328	9.5	195417.6	-0910.8	5418	10.	200955.3	-0933.6
5149	9.7	192049.5	-0904.0	5239	9.2	193802.5	-0905.9	5329	9.8	195427.0	-0943.0	5419	9.8	200959.5	-0932.4
5150	9.5	192052.6	-0931.9	5240	9.2	193807.5	-0934.6	5330	9.1	195433.0	-0947.2	5420	10.	201002.0	-0947.1
5151	9.6	192057.2	-0929.0	5241	9.1	193818.5	-0905.7	5331	9.6	195433.6	-0922.8	5421	9.1	201004.9	-0915.0
5152	9.9	192203.0	-0948.5	5242	9.4	193841.5	-0902.3	5332	9.0	195441.9	-0958.7	5422	9.2	201027.2	-0921.5
5153	9.8	192213.8	-0911.8	5243	9.5	193900.8	-0930.8	5333	9.5	195449.1	-0916.1	5423	10.	201044.4	-0930.2
5154	9.7	192221.7	-0930.4	5244	8.8	193927.5	-0903.0	5334	9.5	195452.5	-0919.5	5424	9.5	201058.7	-0912.0
5155	9.4	192238.5	-0932.7	5245	10.	193957.9	-0915.3	5335	9.1	195501.0	-0921.3	5425	9.6	201117.1	-0929.0
5156	9.9	192245.1	-0927.8	5246	9.2	194006.4	-0918.4	5336	8.3	195504.1	-0913.8	5426	9.4	201122.8	-0910.6
5157	9.6	192247.9	-0954.2	5247	9.4	194033.7	-0942.9	5337	7.8	195508.3	-0926.3	5427	9.6	201132.7	-0908.2
5158	9.8	192249.4	-0905.2	5248	9.2	194036.7	-0936.0	5338	9.3	195525.7	-0908.2	5428	9.1	201142.9	-0953.7
5159	9.5	192255.3	-0933.0	5249	9.4	194037.2	-0926.7	5339	10.	195551.5	-0949.3	5429	9.2	201149.2	-0925.2
5160	9.1	192258.7	-0928.3	5250	9.5	194041.9	-0934.3	5340	9.0	195557.6	-0907.7	5430	9.9	201201.8	-0934.7
5161	9.8	192300.6	-0904.9	5251	9.8	194053.4	-0929.7	5341	9.8	195557.7	-0921.4	5431	9.4	201218.2	-0928.5
5162	9.7	192320.4	-0910.0	5252	9.8	194055.4	-0911.3	5342	9.4	195606.6	-0927.3	5432	9.1	201218.5	-0939.8
5163	9.7	192330.2	-0919.4	5253	8.0	194120.5	-0917.0	5343	7.6	195607.8	-0930.8	5433	9.1	201241.9	-0925.6
5164	9.1	192330.7	-0908.4	5254	9.7	194130.2	-0943.3	5344	8.5	195608.3	-0936.0	5434	9.0	201243.7	-0938.4
5165	9.4	192356.2	-0935.7	5255	9.5	194150.9	-0934.6	5345	9.3	195610.3	-0945.6	5435	9.5	201245.3	-0933.4
5166	9.3	192400.5	-0934.6	5256	9.5	194152.0	-0931.4	5346	9.5	195610.7	-0916.3	5436	9.1	201247.2	-0950.8
5167	9.0	192407.4	-0947.2	5257	9.5	194158.0	-0903.5	5347	8.2	195634.3	-0950.6	5437	8.9	201248.4	-0949.7
5168	8.8	192416.3	-0915.9	5258	9.5	194206.0	-0904.0	5348	9.8	195648.0	-0912.1	5438	9.5	201257.3	-0917.4
5169	9.0	192436.8	-0918.6	5259	9.5	194216.4	-0940.8	5349	9.2	195653.6	-0943.2	5439	9.5	201316.8	-0920.7
5170	9.5	192437.0	-0954.3	5260	9.1	194235.8	-0956.8	5350	9.8	195707.5	-0920.7	5440	9.2	201330.5	-0903.9
5171	9.7	192523.9	-0928.4	5261	9.4	194240.4	-0919.5	5351	9.5	195714.1	-0957.9	5441	9.2	201330.9	-0930.7
5172	9.4	192535.1	-0914.8	5262	10.	194242.5	-0919.4	5352	9.6	195738.4	-0914.7	5442	9.5	201335.8	-0911.4
5173	9.5	192545.0	-0902.1	5263	9.0	194306.9	-0922.4	5353	9.5	195742.1	-0943.2	5443	9.8	201336.4	-0956.6
5174	9.5	192545.8	-0941.1	5264	8.9	194307.8	-0912.7	5354	9.1	195826.5	-0956.3	5444	8.2	201442.7	-0928.5
5175	9.6	192654.9	-0905.7	5265	9.6	194312.1	-0903.4	5355	9.8	195853.6	-0924.6	5445	7.5	201443.3	-0917.2
5176	9.4	192714.6	-0929.3	5266	9.8	194317.2	-0922.1	5356	7.5	195903.2	-0919.5	5446	9.8	201451.4	-0900.1
5177	9.5	192719.5	-0944.4	5267	8.1	194324.8	-0953.4	5357	9.3	195908.1	-0943.1	5447	9.8	201500.1	-0903.7
5178	9.4	192740.9	-0909.0	5268	9.5	194341.5	-0909.3	5358	9.3	195913.7	-0922.4	5448	9.3	201506.1	-0959.8
5179	8.0	192744.2	-0934.9	5269	9.6	194402.8	-0916.5	5359	9.3	195917.2	-0921.7	5449	9.5	201542.5	-0913.4
5180	9.9	192744.2	-0921.1	5270	9.4	194419.0	-0923.0	5360	10.	195918.1	-0937.0	5450	9.1	201546.1	-0906.8
5181	9.7	192806.2	-0953.5	5271	10.	194421.7	-0936.5	5361	9.8	195937.1	-0913.5	5451	10.	201554.6	-0907.2
5182	9.6	192809.9	-0906.4	5272	8.7	194424.3	-0955.7	5362	9.6	195946.0	-0902.1	5452	9.0	201556.1	-0913.8
5183	8.5	192818.4	-0923.9	5273	9.5	194426.3	-0922.1	5363	9.0	195957.8	-0915.3	5453	9.1	201604.4	-0920.5
5184	8.5	192827.5	-0926.5	5274	9.7	194435.5	-0931.9	5364	8.8	200002.1	-0906.2	5454	9.4	201614.9	-0915.4
5185	9.5	192844.1	-0925.1	5275	9.5	194445.0	-0917.8	5365	9.1	200011.4	-0917.5	5455	9.0	201633.2	-0901.1
5186	9.8	192855.8	-0957.7	5276	9.1	194514.9	-0944.1	5366	9.2	200037.6	-0903.7	5456	9.1	201637.6	-0930.9
5187	9.5	192855.8	-0922.0	5277	9.7	194533.5	-0922.6	5367	9.4	200039.1	-0906.7	5457	7.0	201653.6	-0914.0
5188	9.5	192908.3	-0939.8	5278	8.8	194539.3	-0907.4	5368	9.8	200112.0	-0955.2	5458	9.4	201655.1	-0923.7
5189	9.5	192955.1	-0930.6	5279	9.2	194540.1	-0921.2	5369	9.8	200112.6	-0933.4	5459	10.	201658.0	-0947.4
5190	9.1	193004.8	-0933.0	5280	9.8	194543.0	-0935.3	5370	9.3	200118.1	-0933.9	5460	10.	201703.6	-0908.4
5191	9.6	193013.5	-0949.2	5281	9.3	194601.8	-0920.8	5371	9.5	200125.7	-0911.0	5461	10.	201707.9	-0934.6
5192	9.1	193023.0	-0927.5	5282	9.6	194637.6	-0935.7	5372	9.4	200138.2	-0913.0	5462	9.7	201720.0	-0936.2
5193	9.8	193026.9	-0923.3	5283	9.2	194651.5	-0917.5	5373	8.7	200144.7	-0938.0	5463	9.7	201747.0	-0928.9
5194	9.8	193028.5	-0912.4	5284	9.5	194652.8	-0929.5	5374	9.8	200202.7	-0932.9	5464	8.7	201800.8	-0905.2
5195	9.1	193102.6	-0949.8	5285	9.8	194713.6	-0912.2	5375	9.4	200212.7	-0912.4	5465	10.	201818.3	-0944.2
5196	9.1	193111.9	-0930.2	5286	9.9	194731.3	-0949.0	5376	9.5	200230.3	-0926.8	5466	9.7	201907.3	-0950.0
5197	9.5	193132.9	-0921.5	5287	9.9	194731.9	-0958.3	5377	9.0	200237.9	-0917.6	5467	9.6	201915.0	-0933.0
5198	9.5	193134.4	-0907.9	5288	9.1	194745.6	-0907.4	5378	9.5	200241.1	-0922.3	5468	9.1	201916.4	-0936.4
5199	9.7	193205.3	-0953.7	5289	8.7	194746.8	-0907.6	5379	9.1	200254.2	-0942.3	5469	10.	202002.7	-0953.2
5200	9.8	193207.3	-0930.8	5290	9.7	194755.0	-0930.2	5380	10.	200305.6	-0951.2	5470	9.7	202004.2	-0957.2
5201	9.7	193222.9	-0926.9	5291	8.9	194758.0	-0939.3	5381	9.8	200316.6	-0920.2	5471	9.5	202004.9	-0955.8
5202	9.5	193252.8	-0908.2	5292	9.8	194804.0	-0913.1	5382	6.5	200318.9	-0916.0	5472	9.5	202020.8	-0917.8
5203	8.4	193254.3	-0927.2	5293	9.4	194805.2	-0901.9	5383	9.9	200328.6	-0939.5	5473	7.0	202034.8	-0950.8
5204	8.9	193310.6	-0946.0	5294	9.0	194817.1	-0907.2	5384	9.3	200334.7	-0912.2	5474	9.0	202036.3	-0911.0
5205	9.8	193342.2	-0909.4	5295	9.8	194853.4	-0951.3	5385	9.4	200358.2	-0919.6	5475	10.	202040.1	-0923.2
5206	9.6	193350.1	-0953.1	5296	9.5	194900.4	-0956.7	5386	9.5	200401.6	-0951.7	5476	9.8	202047.4	-0937.6
5207	9.8	193400.9	-0914.2	5297	8.8	194913.6	-0931.1	5387	9.4	200419.8	-0924.5	5477	9.0	202101.3	-0905.5
5208	9.9	193406.2	-0918.0	5298	9.7	194924.3	-0935.7	5388	9.8	200423.2	-0942.8	5478	9.6	202127.0	-0931.9
5209	6.6	193407.9	-0921.5	5299	9.4	194929.2	-0938.8	5389	9.4	200426.9	-0916.9	5479	9.0	202134.8	-0933.8
5210	9.3	193415.3	-0925.2	5300	9.5	194933.9	-0957.2	5390	9.5	200455.2	-0904.0	5480	10.	202149.1	-0903.5
5211	9.3	193419.8	-0942.7	5301	9.5	194949.1	-0901.3	5391	10.	200457.8	-0935.2	5481	9.3	202236.7	-0954.1
5212	9.5	193420.4	-0955.1	5302	8.1	194952.9	-0936.2	5392	10.	200457.9	-0942.8	5482	9.1	202245.2	-0936.3
5213	8.6	193424.6	-0940.1	5303	7.4	195001.0	-0926.2	5393	9.4	200511.1	-0918.5	5483	9.8	202257.8	-0951.8
5214	9.6	193435.6	-0910.5	5304	8.6	195007.0	-0927.4	5394	9.3	200511.7	-0919.8	5484	9.5	202319.4	-0940.8
5215	9.7	193446.5	-0909.9	5305	9.3	195010.5	-0949.2	5395	9.0	200548.1	-0936.1	5485	9.7	202344.3	-0945.2
5216	8.7	193449.2	-0933.1	5306	9.5	195036.0	-0945.2	5396	9.7	200554.1	-0933.4	5486	9.6	202353.0	-0951.7
5217	10.	193516.4	-0935.6	5307	9.5	195100.6	-0906.7	5397	9.8	200611.2	-0941.0	5487	9.8	202403.5	-0903.8
5218	9.5	193512.2	-0918.9	5308	9.1	195108.4	-0957.9	5398	9.4	200641.2	-0941.6	5488	9.8	202404.8	-0928.0
5219	8.7	193540.2	-0924.6	5309	9.8	195124.9	-0953.9	5399	10.	200643.1	-0952.0	5489	9.5	202419.9	-0936.1
5220	9.5	193542.0	-0918.6	5310	9.8	195136.0	-0951.2	5400	9.3	200653.7	-0923.6	5490	9.2	202456.7	-0922.8
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5224	9.8	193609.7	-0914.5	5314	9.1	195213.4	-0949.6	5404	9.0	200732.1	-0927.0	5494	10.	202535.2	-0946.0
5225	9.5	193612.0	-0902.2	5315	9.8	195225.3	-0918.2	5405	9.6	200737.3	-0949.8	5495	10.	202551.0	-0920.1
5226	9.6	193617.7	-0953.5	5316	8.2	195225.3	-0903.6	5406	9.6	200747.5	-0912.7	5496	9.8	202556.9	-0943.3
5227	9.8	193632.7	-0958.7	5317	9.8	195227.0	-0936.4	5407	9.4	200803.0	-0958.7	5497	9.0	202606.0	-0915.5

5498	9.5	202629.1	-0932.4	5588	9.3	204135.2	-0947.2	5678	9.3	210325.8	-0958.0
5499	9.6	202636.0	-0903.2	5589	9.1	204142.6	-0959.3	5679	9.8	210330.7	-0912.3
5500	9.1	202640.5	-0929.6	5590	8.5	204144.1	-0910.8	5680	9.5	210335.2	-0910.3
5501	8.9	202656.3	-0934.4	5591	9.3	204205.9	-0922.3	5681	9.6	210335.8	-0918.6
5502	9.4	202706.4	-0935.7	5592	9.5	204238.5	-0940.6	5682	9.8	210340.3	-0902.7
5503	9.1	202707.0	-0900.5	5593	10.	204344.0	-0928.4	5683	9.7	210352.8	-0907.4
5504	9.8	202713.4	-0946.1	5594	9.7	204350.1	-0932.5	5684	9.8	210359.3	-0932.4
5505	9.1	202720.5	-0908.8	5595	8.9	204408.0	-0935.1	5685	10.	210426.3	-0928.6
5506	9.8	202721.7	-0927.9	5596	9.1	204409.6	-0956.2	5686	9.8	210436.3	-0950.4
5507	8.3	202723.5	-0930.0	5597	9.1	204440.7	-0924.9	5687	9.3	210438.3	-0922.7
5508	9.9	202727.9	-0947.1	5598	9.1	204449.6	-0931.1	5688	9.1	210441.2	-0915.5
5509	9.1	202729.3	-0952.2	5599	9.4	204510.1	-0936.8	5689	9.1	210454.3	-0913.5
5510	9.7	202806.5	-0947.8	5600	9.1	204516.1	-0905.0	5690	10.	210522.7	-0912.2
5511	9.5	202822.0	-0916.4	5601	9.3	204520.9	-0935.0	5691	9.3	210542.3	-0941.5
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5513	9.0	202841.4	-0943.0	5603	9.3	204531.6	-0915.3	5693	9.5	210640.5	-0930.6
5514	9.5	202845.5	-0917.5	5604	9.9	204533.0	-0927.6	5694	9.1	210649.1	-0924.5
5515	9.3	202852.3	-0935.4	5605	10.	204536.2	-0910.9	5695	9.4	210730.6	-0933.0
5516	8.7	202857.0	-0941.2	5606	9.7	204604.5	-0907.4	5696	8.7	210744.3	-0953.0
5517	9.7	202907.2	-0932.2	5607	9.1	204627.7	-0959.1	5697	9.8	210800.4	-0911.8
5518	9.0	202912.4	-0915.9	5608	8.5	204634.3	-0903.3	5698	7.2	210801.9	-0942.8
5519	10.	202942.5	-0905.8	5609	9.0	204635.7	-0922.4	5699	8.0	210807.5	-0959.3
5520	9.8	202949.4	-0920.4	5610	9.5	204652.0	-0916.9	5700	7.0	210830.8	-0948.8
5521	9.8	202949.7	-0939.6	5611	7.3	204657.9	-0925.7	5701	8.1	210842.9	-0945.4
5522	9.6	202955.1	-0955.3	5612	9.4	204703.9	-0903.1	5702	9.0	210859.3	-0955.8
5523	9.5	202955.3	-0929.6	5613	9.5	204714.8	-0932.7	5703	9.5	210906.9	-0946.7
5524	9.3	203002.7	-0902.1	5614	10.	204724.9	-0943.1	5704	9.3	210931.0	-0908.3
5525	8.4	203008.7	-0902.1	5615	9.0	204746.0	-0914.7	5705	9.5	210934.3	-0931.4
5526	9.3	203009.4	-0911.6	5616	9.8	204826.0	-0915.9	5706	9.3	210955.3	-0927.6
5527	9.4	203010.1	-0918.6	5617	9.1	204918.7	-0921.8	5707	9.0	211057.5	-0902.5
5528	9.2	203023.0	-0941.8	5618	9.5	204923.7	-0903.2	5708	9.8	211108.4	-0951.2
5529	9.2	203045.1	-0902.3	5619	9.8	204924.7	-0941.4	5709	9.0	211122.9	-0946.8
5530	9.7	203055.1	-0918.1	5620	10.	204928.7	-0941.4	5710	9.8	211124.4	-0937.8
5531	9.7	203101.1	-0907.2	5621	9.9	204949.7	-0923.8	5711	9.3	211157.8	-0923.2
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5533	10.	203121.4	-0953.7	5623	9.5	204959.7	-0900.2	5713	9.9	211223.6	-0956.2
5534	9.2	203144.6	-0933.7	5624	9.9	205012.2	-0901.2	5714	9.7	211237.0	-0933.4
5535	9.5	203157.9	-0916.1	5625	9.5	205016.7	-0912.7	5715	8.0	211303.5	-0945.7
5536	9.9	203232.0	-0946.8	5626	9.7	205040.1	-0927.3	5716	9.0	211307.7	-0959.1
5537	8.5	203241.3	-0954.9	5627	9.0	205045.5	-0923.7	5717	9.6	211308.0	-0904.5
5538	10.	203253.5	-0930.6	5628	9.5	205049.7	-0941.8	5718	9.5	211336.0	-0909.5
5539	10.	203255.5	-0908.0	5629	10.	205053.2	-0928.5	5719	9.9	211339.1	-0930.2
5540	8.5	203305.2	-0909.1	5630	9.2	205100.8	-0936.9	5720	9.8	211348.5	-0909.0
5541	9.8	203317.0	-0904.0	5631	9.0	205101.4	-0954.4	5721	9.6	211350.5	-0914.4
5542	9.3	203320.4	-0921.7	5632	9.0	205104.6	-0952.2	5722	9.3	211355.0	-0947.3
5543	9.1	203328.0	-0910.9	5633	9.6	205106.0	-0943.5	5723	9.6	211356.0	-0922.9
5544	9.9	203331.1	-0942.2	5634	9.7	205106.3	-0922.3	5724	7.0	211411.9	-0956.2
5545	9.4	203341.2	-0933.5	5635	9.2	205107.6	-0955.1	5725	9.7	211419.7	-0924.9
5546	8.8	203344.5	-0919.0	5636	9.0	205133.5	-0926.4	5726	9.8	211447.0	-0911.7
5547	9.2	203403.0	-0900.4	5637	9.3	205144.1	-0924.9	5727	9.5	211452.4	-0932.2
5548	10.	203403.1	-0947.1	5638	9.5	205144.5	-0913.1	5728	6.5	211509.9	-0955.8
5549	9.7	203405.0	-0905.3	5639	10.	205200.3	-0945.9	5729	9.6	211517.5	-0951.6
5550	8.0	203405.5	-0916.9	5640	9.5	205221.8	-0915.4	5730	9.5	211533.4	-0953.2
5551	10.	203415.0	-0921.4	5641	9.6	205311.8	-0941.9	5731	9.5	211607.1	-0920.3
5552	9.3	203437.5	-0909.3	5642	9.5	205351.2	-0953.0	5732	9.6	211615.5	-0944.5
5553	9.6	203445.4	-0919.2	5643	10.	205413.6	-0954.2	5733	9.5	211618.7	-0924.9
5554	9.7	203456.5	-0919.2	5644	9.6	205527.6	-0927.7	5734	9.5	211620.3	-0911.4
5555	9.5	203459.6	-0941.5	5645	9.1	205542.6	-0909.2	5735	10.	211627.5	-0944.6
5556	9.9	203506.9	-0933.5	5646	10.	205549.7	-0937.5	5736	9.5	211653.6	-0909.4
5557	9.8	203534.1	-0938.9	5647	9.5	205613.1	-0916.0	5737	9.5	211657.0	-0940.2
5558	10.	203602.3	-0921.7	5648	9.0	205641.7	-0950.5	5738	9.2	211659.6	-0916.7
5559	9.8	203616.2	-0915.0	5649	9.9	205642.3	-0908.3	5739	9.9	211711.1	-0920.4
5560	7.8	203625.7	-0934.1	5650	8.3	205657.1	-0920.9	5740	8.8	211752.1	-0911.0
5561	8.6	203640.9	-0929.6	5651	9.3	205706.6	-0905.4	5741	9.4	211754.0	-0952.7
5562	9.2	203645.5	-0934.8	5652	8.6	205803.0	-0924.7	5742	9.8	211755.1	-0902.6
5563	9.0	203655.6	-0947.8	5653	9.3	205827.2	-0954.4	5743	9.8	211817.6	-0905.8
5564	9.7	203702.8	-0905.2	5654	9.5	205827.7	-0948.5	5744	9.5	211823.0	-0937.0
5565	9.6	203707.7	-0913.1	5655	9.8	205859.3	-0920.4	5745	9.5	211840.1	-0920.0
5566	9.8	203724.6	-0918.7	5656	9.5	205902.2	-0938.4	5746	9.8	211903.8	-0901.5
5567	8.5	203736.0	-0939.4	5657	9.4	205903.5	-0924.2	5747	7.5	211930.8	-0924.9
5568	9.8	203738.1	-0927.9	5658	9.3	205925.2	-0921.4	5748	8.5	211933.0	-0939.6
5569	9.8	203738.1	-0928.8	5659	10.	205939.9	-0959.9	5749	9.5	211941.4	-0927.2
5570	9.5	203744.7	-0924.2	5660	9.8	205948.7	-0930.6	5750	9.9	211955.6	-0925.0
5571	9.5	203756.6	-0939.1	5661	8.4	210001.2	-0900.7	5751	9.4	212006.6	-0918.3
5572	9.4	203812.2	-0931.0	5662	9.0	210016.2	-0916.2	5752	9.1	212058.0	-0934.3
5573	9.1	203823.1	-0936.0	5663	9.1	210018.0	-0943.8	5753	7.5	212107.0	-0937.3
5574	9.8	203847.0	-0942.2	5664	10.	210021.7	-0952.3	5754	9.5	212107.7	-0906.6
5575	9.1	203850.8	-0946.9	5665	9.4	210047.7	-0916.9	5755	9.8	212114.9	-0925.3
5576	9.9	203910.0	-0951.0	5666	9.4	210058.7	-0926.0	5756	9.1	212135.9	-0901.9
5577	9.5	203920.9	-0932.7	5667	9.0	210123.2	-0911.3	5757	9.0	212150.6	-0906.4
5578	9.4	203940.1	-0941.6	5668	9.0	210141.8	-0944.1	5758	8.8	212213.9	-0914.1
5579	9.3	203941.1	-0933.6	5669	9.9	210142.5	-0902.2	5759	9.9	212249.8	-0908.0
5580	9.3	204005.1	-0947.7	5670	10.	210234.3	-0948.0	5760	9.7	212259.0	-0955.7
5581	9.0	204014.2	-0949.5	5671	9.2	210236.4	-0926.3	5761	9.5	212312.2	-0939.0
5582	9.5	204016.2	-0913.5	5672	9.6	210243.7	-0907.0	5762	8.8	212343.3	-0922.4
5583	9.2	204046.7	-0921.6	5673	9.4	210246.7	-0911.9	5763	9.1	212343.8	-0939.7
5584	9.4	204113.0	-0934.2	5674	6.7	210258.3	-0956.2	5764	9.5	212457.3	-0945.5
5585	9.8	204117.6	-0925.0	5675	9.7	210309.8	-0903.9	5765	9.4	212523.8	-0951.6
5586	9.0	204120.6	-0917.8	5676	9.7	210310.8	-0935.3	5766	9.4	212537.8	-0901.7
5587	8.1	204130.9	-0919.2	5677	9.4	210324.3	-0947.8	5767	8.5	212554.3	-0946.8
5768	9.7	212555.3	-0906.7	5858	9.5	213011.0	-0920.8	5948	9.5	214120.6	-0919.2
5769	9.1	212609.4	-0913.2	5859	9.6	213016.7	-0908.8	5949	9.3	214121.7	-0918.8
5770	8.0	212657.9	-0943.5	5860	9.1	213017.0	-0914.7	5950	9.2	214127.0	-0926.8
5771	9.1	212658.5	-0935.1	5861	9.8	213024.5	-0907.8	5951	9.5	214144.2	-0912.5
5772	9.1	212713.0	-0929.3	5862	8.5	213037.4	-0954.0	5952	10.	214207.5	-0906.3
5773	10.	212727.4	-0923.0	5863	9.6	213054.3	-0950.6	5953	9.7	214225.5	-0934.1
5774	10.	212734.8	-0954.2	5864	9.9	213056.0	-0920.5	5954	7.0	214251.7	-0939.3
5775	10.	212747.6	-0949.0	5865	9.4	213056.9	-0946.0	5955	10.	214305.5	-0942.7
5776	10.	212748.0	-0916.7	5866	9.8	213058.4	-0915.0	5956	9.3	214328.0	-0930.6
5777	9.5	212756.4	-0957.2	5867	9.0	213109.4	-0944.6	5957	9.8	214328.6	-0951.4
5778	10.	212811.4	-0947.4	5868	9.7	213111.4	-0902.2				
5779	9.1	212833.3	-0944.7	5869	9.6	213123.8	-0931.3				
5780	10.	212847.4	-0911.9	5870	9.8	213142.5	-0951.2				
5781	9.1	212850.9	-0923.0	5871	9.8	213143.7	-0934.0				
5782	8.0	212851.3	-0941.5	5872	8.8	213153.5	-0943.7				
5783	9.1	212903.4	-0902.7	5873	9.7	213204.4	-0926.0				
5784	9.1	212918.5	-0919.0	5874	9.4	213212.0	-0920.6				
5785	9.8	212922.7	-0936.9	5875	9.1	213214.9	-0953.9				
5786	9.4	213001.4	-0905.3	5876	10.	213233.6	-0956.5				
5787	9.8	213006.9	-0956.4	5877	10.	213234.3	-0945.6				
5788	8.5	213011.0	-0920.8	5878	10.	213311.5	-0959.3				
5789	9.6	213016.7	-0908.8	5879	8.0	213314.0	-0947.7				
5790	9.1	213017.0	-0914.7	5880	10.	213316.4	-0902.1				
5791	9.8	213024.5	-0907.8	5881	9.7	213353.4	-0917.3				
5792	8.5	213037.4	-0954.0	5882	8.5	213428.0	-0923.2				
5793	10.	213054.3	-0950.6	5883	9.6	213429.9	-0902.7				
5794	9.9	213056.0	-0920.5	5884	9.5	213441.4	-0917.7				
5795	9.4	213056.9	-0946.0	5885	8.2	213445.5	-0907.4				
5796	9.8	213058.4	-0915.0	5886	9.3	213452.6	-0901.7				
5797	9.0	213109.4	-0944.6	5887	9.8	213459.4	-0931.8				
5798	8.8	213111.4	-0902.2	5888	9.8	213505.0	-0937.4				
5799	9.6	213123.8	-0931.3	5889	9.1	213506.0	-0903.7				
5800	9.8	213142.5	-0951.2	5890	8.5	213518.0	-0959.2				
5801	9.8	213143.7	-0934.0	5891	9.8	213519.0	-0949.4				
5802	8.8	213153.5	-0943.7	5892	10.	213543.4	-0949.3				
5803	9.7	213204.4	-0926.0	5893	9.8	213553.5	-0910.8				
5804	9.3	213212.0	-0920.6	5894	9.5	213556.6	-0938.2				
5805	9.1	213214.9	-0953.9	5895	9.5	213603.1	-0907.0				
5806	10.	213233.6	-0956.5	5896	9.0	213703.5	-0942.7				
5807	10.	213234.3	-0945.6	5897	8.0	213711.6	-0942.0				
5808	10.	213311.5	-0959.3	5898	10.	213712.0	-0912.3				
5809	8.0	213314.0	-0947.7	5899	5.5	213716.1	-0948.0				
5810	10.	213316.4	-0902.1	5900	9.8	213729.0	-0956.3				
5811	9.7	213353.4	-0917.3	5901	9.5	213748.1	-0905.1				
5812	8.5	213428.0	-0923.2	5902	9.6	213758.1	-0949.2				
5813	9.6	213429.9	-0902.7	5903	6.7	213832.0	-0956.5				
5814	9.5	213441.4	-0917.7	5904	10.	213835.0	-0926.7				
5815	8.2	213445.5	-0907.4	5905	10.	213835.4	-0909.1				
5816	9.3	213452.6	-0901.7	5906	9.2	214036.9	-0934.1				
5817	9.8	213459.4	-0931.8	5907	9.8	214039.7	-0913.8				

-09 5858 21h44m

-09 6217 23h27m

5858	9.8	214404.7	-0943.1	5948	6.2	220912.6	-0945.3	6038	7.0	223528.9	-0904.0	6128	8.5	230053.9	-0947.5
5859	9.8	214406.0	-0932.2	5949	9.5	220924.7	-0915.0	6039	8.9	223550.9	-0910.5	6129	9.4	230054.4	-0955.6
5860	9.8	214424.2	-0923.0	5950	9.8	220939.7	-0921.1	6040	10.	223558.9	-0947.7	6130	9.0	230109.4	-0908.1
5861	9.8	214426.6	-0906.8	5951	9.8	220958.1	-0907.3	6041	9.0	223621.0	-0912.9	6131	8.9	230116.8	-0935.4
5862	9.3	214433.0	-0936.5	5952	9.5	221041.6	-0905.3	6042	9.6	223632.0	-0937.7	6132	10.	230119.7	-0922.1
5863	9.7	214518.3	-0930.5	5953	9.0	221109.3	-0956.2	6043	9.0	223637.0	-0946.7	6133	8.9	230145.2	-0958.5
5864	9.5	214527.0	-0910.8	5954	10.	221111.9	-0938.1	6044	9.2	223639.0	-0949.4	6134	8.9	230156.6	-0936.9
5865	9.3	214528.5	-0909.0	5955	10.	221122.9	-0918.5	6045	9.4	223652.9	-0916.0	6135	9.9	230237.3	-0900.8
5866	8.8	214556.3	-0905.0	5956	10.	221129.4	-0921.9	6046	9.8	223701.5	-0947.0	6136	10.	230254.7	-0947.5
5867	9.8	214620.6	-0936.0	5957	9.8	221144.2	-0939.5	6047	9.5	223712.9	-0954.4	6137	10.	230313.1	-0908.4
5868	9.8	214627.8	-0952.0	5958	8.7	221147.1	-0913.5	6048	9.4	223741.5	-0944.8	6138	8.7	230321.2	-0924.6
5869	9.0	214636.0	-0912.8	5959	9.2	221207.4	-0933.9	6049	9.8	223747.4	-0900.1	6139	8.9	230337.3	-0959.8
5870	9.3	214729.0	-0920.5	5960	9.8	221217.2	-0908.1	6050	9.5	223805.9	-0919.7	6140	9.9	230347.9	-0907.0
5871	9.1	214754.7	-0925.3	5961	10.	221243.9	-0904.2	6051	9.2	223816.5	-0900.7	6141	10.	230401.5	-0903.3
5872	9.8	214801.6	-0959.0	5962	9.0	221254.5	-0946.4	6052	10.	223843.9	-0903.2	6142	8.3	230422.2	-0948.4
5873	9.5	214855.9	-0902.8	5963	7.2	221311.3	-0929.7	6053	10.	223846.0	-0911.3	6143	9.6	230438.6	-0933.8
5874	9.5	214917.8	-0946.1	5964	10.	221320.5	-0942.5	6054	8.2	223846.0	-0909.0	6144	10.	230448.0	-0945.2
5875	9.1	214951.3	-0939.3	5965	9.8	221402.4	-0936.9	6055	9.5	223849.4	-0906.0	6145	9.0	230455.4	-0904.0
5876	7.5	214957.8	-0914.7	5966	9.0	221422.6	-0928.8	6056	9.5	223926.5	-0939.6	6146	8.1	230555.7	-0942.0
5877	8.7	214959.8	-0916.5	5967	9.8	221434.2	-0921.3	6057	9.3	224001.0	-0906.8	6147	8.8	230610.1	-0934.8
5878	9.0	215053.5	-0900.9	5968	10.	221523.0	-0933.8	6058	9.5	224021.7	-0934.2	6148	10.	230624.0	-0924.3
5879	8.9	215059.8	-0909.8	5969	9.8	221537.5	-0941.1	6059	9.1	224028.9	-0908.3	6149	8.2	230630.2	-0943.0
5880	9.3	215118.9	-0945.9	5970	9.6	221639.4	-0925.6	6060	9.5	224032.0	-0926.9	6150	9.0	230630.5	-0943.4
5881	8.7	215132.4	-0939.4	5971	10.	221708.1	-0942.0	6061	9.5	224044.0	-0921.2	6151	8.5	230635.0	-0910.8
5882	9.8	215212.8	-0921.7	5972	10.	221739.6	-0944.5	6062	9.5	224051.3	-0949.4	6152	9.1	230639.2	-0943.9
5883	9.1	215220.9	-0952.3	5973	9.8	221756.8	-0924.5	6063	9.1	224120.1	-0942.3	6153	9.3	230713.1	-0917.7
5884	8.5	215253.8	-0913.2	5974	9.3	221757.3	-0913.9	6064	9.2	224121.1	-0937.6	6154	9.2	230751.3	-0934.4
5885	9.5	215305.3	-0959.5	5975	9.8	221758.3	-0920.6	6065	9.8	224144.6	-0902.5	6155	9.4	230814.7	-0951.8
5886	9.7	215312.4	-0926.7	5976	8.5	221814.6	-0941.5	6066	10.	224206.0	-0911.2	6156	5.0	230818.3	-0952.5
5887	9.3	215317.7	-0934.5	5977	10.	221829.9	-0921.0	6067	9.9	224206.1	-0949.5	6157	9.5	230850.4	-0944.5
5888	9.4	215319.3	-0949.0	5978	7.8	221908.8	-0914.4	6068	9.7	224209.4	-0925.7	6158	9.7	230900.2	-0925.3
5889	10.	215327.6	-0932.9	5979	10.	221923.6	-0952.0	6069	10.	224248.5	-0908.3	6159	8.9	231012.6	-0908.4
5890	9.5	215340.6	-0928.8	5980	9.6	221928.1	-0936.3	6070	10.	224256.5	-0909.6	6160	5.5	231021.7	-0958.2
5891	10.	215344.0	-0900.2	5981	9.5	221934.3	-0908.3	6071	10.	224314.1	-0949.2	6161	9.3	231045.1	-0910.5
5892	10.	215349.4	-0936.2	5982	8.7	222016.0	-0930.4	6072	10.	224338.6	-0914.6	6162	10.	231122.6	-0905.2
5893	9.0	215355.4	-0934.6	5983	9.5	222037.9	-0929.2	6073	9.0	224341.5	-0904.0	6163	10.	231125.1	-0903.5
5894	9.8	215400.8	-0923.5	5984	9.3	222053.6	-0930.1	6074	9.2	224344.0	-0925.8	6164	9.2	231129.4	-0951.6
5895	9.7	215408.6	-0934.1	5985	9.2	222135.2	-0947.6	6075	9.1	224410.6	-0919.2	6165	9.8	231139.1	-0929.7
5896	8.5	215424.9	-0958.5	5986	10.	222209.6	-0929.4	6076	9.8	224525.0	-0909.9	6166	9.4	231149.3	-0940.0
5897	9.4	215448.9	-0921.9	5987	9.1	222211.1	-0945.5	6077	9.3	224548.2	-0952.0	6167	9.4	231151.0	-0905.3
5898	9.5	215449.7	-0952.0	5988	8.5	222218.7	-0909.1	6078	9.5	224552.7	-0941.8	6168	9.9	231202.4	-0933.7
5899	9.0	215501.2	-0934.9	5989	9.4	222258.4	-0926.4	6079	9.5	224632.6	-0958.5	6169	9.4	231300.6	-0901.5
5900	9.5	215514.4	-0906.3	5990	9.4	222259.2	-0934.7	6080	9.7	224633.3	-0931.8	6170	9.1	231303.7	-0920.6
5901	7.8	215520.4	-0911.9	5991	10.	222318.6	-0935.1	6081	9.4	224654.7	-0907.3	6171	8.0	231307.9	-0943.3
5902	10.	215522.9	-0938.1	5992	9.8	222320.5	-0958.0	6082	10.	224708.2	-0933.4	6172	9.1	231330.2	-0917.3
5903	9.1	215526.4	-0948.6	5993	10.	222328.7	-0908.4	6083	9.5	224715.1	-0902.4	6173	7.5	231340.1	-0928.1
5904	9.6	215541.4	-0911.5	5994	9.4	222411.7	-0906.3	6084	9.9	224745.2	-0949.5	6174	9.7	231355.4	-0941.3
5905	9.2	215618.2	-0936.9	5995	9.6	222425.6	-0934.5	6085	9.2	224804.8	-0933.8	6175	9.8	231401.4	-0938.8
5906	9.5	215622.2	-0933.9	5996	8.6	222449.2	-0901.7	6086	10.	224814.2	-0927.5	6176	10.	231428.4	-0933.8
5907	9.8	215631.4	-0919.6	5997	10.	222451.7	-0909.7	6087	10.	224824.1	-0923.4	6177	9.4	231434.2	-0902.3
5908	7.3	215650.5	-0925.3	5998	9.7	222500.7	-0946.2	6088	9.7	224849.8	-0931.3	6178	9.8	231510.9	-0932.0
5909	9.9	215725.2	-0925.8	5999	10.	222515.0	-0920.0	6089	9.7	224858.2	-0929.5	6179	9.2	231546.8	-0915.9
5910	9.2	215811.4	-0911.6	6000	9.0	222529.6	-0957.3	6090	9.2	224906.7	-0942.4	6180	9.3	231547.5	-0918.4
5911	9.5	215812.2	-0940.9	6001	8.5	222540.7	-0948.1	6091	9.8	224950.3	-0933.7	6181	8.5	231554.0	-0940.9
5912	9.7	215821.5	-0926.5	6002	10.	222550.4	-0914.3	6092	9.8	225045.3	-0946.2	6182	10.	231610.4	-0959.6
5913	9.9	215834.0	-0945.1	6003	10.	222551.2	-0946.4	6093	8.8	225101.7	-0913.6	6183	7.2	231613.5	-0915.1
5914	9.5	215838.9	-0959.9	6004	9.5	222611.3	-0907.0	6094	9.3	225106.6	-0909.3	6184	8.8	231707.7	-0941.9
5915	9.5	215848.7	-0926.0	6005	9.6	222619.8	-0952.0	6095	9.4	225121.3	-0952.1	6185	10.	231748.7	-0903.9
5916	9.8	215908.3	-0934.8	6006	9.7	222630.0	-0924.9	6096	9.4	225138.2	-0916.2	6186	9.2	231807.0	-0921.4
5917	8.9	215909.5	-0936.7	6007	9.0	222654.7	-0953.1	6097	9.1	225145.5	-0920.4	6187	9.5	231810.8	-0919.2
5918	9.1	215914.0	-0929.9	6008	9.8	222700.8	-0945.9	6098	9.5	225158.4	-0919.8	6188	10.	231822.7	-0904.3
5919	9.5	215929.2	-0953.4	6009	8.6	222704.7	-0921.6	6099	9.8	225216.7	-0955.5	6189	9.5	231826.1	-0922.3
5920	8.5	215936.5	-0953.4	6010	9.1	222717.3	-0938.5	6100	7.0	225244.7	-0939.3	6190	9.9	231901.6	-0924.0
5921	9.7	215951.0	-0926.8	6011	9.2	222721.7	-0959.5	6101	10.	225250.5	-0930.0	6191	10.	231904.5	-0908.4
5922	9.8	220026.0	-0952.6	6012	8.7	222734.2	-0908.8	6102	10.	225351.4	-0920.5	6192	9.3	231916.4	-0937.3
5923	9.4	220049.4	-0904.7	6013	9.0	222820.8	-0936.5	6103	9.8	225400.7	-0913.6	6193	9.3	231934.0	-0947.5
5924	9.5	220118.3	-0909.6	6014	10.	222828.7	-0908.5	6104	9.5	225414.6	-0936.3	6194	10.	231945.7	-0904.3
5925	10.	220124.8	-0950.0	6015	9.0	222906.3	-0941.7	6105	10.	225424.0	-0947.4	6195	9.8	232002.7	-0904.4
5926	9.5	220147.2	-0923.3	6016	8.8	222909.8	-0919.8	6106	9.7	225431.1	-0940.7	6196	9.5	232010.2	-0933.2
5927	8.5	220149.9	-0930.5	6017	8.9	222947.3	-0916.5	6107	9.4	225444.9	-0928.2	6197	8.3	232103.9	-0919.3
5928	9.2	220228.0	-0900.2	6018	9.5	222948.8	-0903.5	6108	9.6	225500.4	-0925.4	6198	9.3	232126.1	-0957.5
5929	9.	220340.5	-0908.8	6019	9.8	223023.8	-0937.0	6109	9.3	225529.2	-0935.1	6199	9.5	232130.7	-0906.6
5930	9.2	220354.6	-0915.7	6020	10.	223105.7	-0954.7	6110	9.4	225620.3	-0911.8	6200	10.	232154.0	-0918.5
5931	9.9	220359.5	-0904.9	6021	8.6	223120.8	-0926.1	6111	9.4	225708.8	-0919.5	6201	9.4	232207.0	-0948.7
5932	9.7	220404.6	-0909.0	6022	10.	223128.4	-0942.0	6112	9.8	225711.5	-0921.6	6202	8.7	232208.7	-0928.0
5933	9.9	220410.9	-0955.7	6023	10.	223153.7	-0924.6	6113	9.8	225732.8	-0940.3	6203	9.4	232239.1	-0944.0
5934	9.0	220533.1	-0950.9	6024	9.7	223210.8	-0919.9	6114	9.6	225737.6	-0940.7	6204	9.8	232242.0	-0918.0
5935	10.	220542.3	-0919.2	6025	10.	223211.9	-0900.3	6115	10.	225746.2	-0921.3	6205	9.3	232318.6	-0922.7
5936	9.7	220555.0	-0921.0	6026	10.	223216.0	-0948.9	6116	8.9	225817.6	-0940.2	6206	8.5	232416.2	-0907.5
5937	9.5	220604.6	-0955.4	6027	9.4	223239.4	-0942.8	6117	8.9	225852.5	-0931.8	6207	9.9	232419.3	-0904.8
5938	10.	220616.9	-0958.5	6028	10.	223255.4	-0934.7	6118	8.3	225901.5	-0925.2	6208	9.2	232430.8	-0908.2
5939	10.	220635.0	-0906.7	6029	10.	223300.4	-0916.1	6119	10.	225935.4	-0925.0	6209	9.3	232438.5	-0944.3
5940	9.5	220706.6	-0934.3	6030	10.	223300.4	-0942.0	6120	9.6	225937.0	-0918.3	6210	7.8	232526.2	-0957.6
5941	9.5	220715.1	-0959.8	6031	9.6	223337.8	-0934.7	6121	10.	225940.6	-0921.1	6211	10.	232527.2	-0902.8
5942	8.3	220720.1	-0941.5	6032	10.	223353.9	-0917.9	6122	9.5	225942.3	-0905.8	6212	9.3	232553.9	-0912.2
5943	8.3	220754.9	-0906.8	6033	9.5	223415.8	-0901.4	6123	8.0	225943.2	-0935.7	6213	9.4	232603.9	-0909.6
5944	9.5	220831.1	-0907.0	6034	10.	223428.9	-0902.9	6124	9.2	225956.1	-0926.1	6214	9.8	232625.3	-0907.5
5945	9.4	220832.3	-0905.4	6035	9.0	223435.9	-0912.0	6125	9.8	230035.3	-0903.2	6215	9.4	232731.5	-0900.9
5946	9.5	220838.2	-0941.0	6036	9.8	223437.9	-0903.8	6126	9.9	230042.8	-0903.9	6216	9.0	232733.6	-0910.6
5947	9.3	220858.6	-0905.6	6037	8.5	223523.4	-0954.4	6127	9.8	230050.0	-0925.1	6217	9.2	232758.2	-0947.4

6218	10.	232807.4	-0957.6	6308	9.4	235447.8	-0923.7	72	9.0	01859.0	-1036.8	162	9.7	03954.2	-1046.4
6219	9.7	232819.3	-0927.9	6309	8.0	235451.9	-0959.3	73	9.5	01909.9	-1033.4	163	9.8	04003.5	-1026.3
6220	7.4	232831.6	-0934.2	6310	8.5	235513.7	-0917.5	74	9.5	01913.1	-1044.1	164	7.8	04037.3	-1008.8
6221	9.0	232854.0	-0909.1	6311	9.8	235534.5	-0902.6	75	9.6	01944.6	-1015.9	165	9.9	04053.3	-1020.6
6222	9.1	232926.4	-0925.1	6312	10.	235636.6	-0907.7	76	7.2	01945.5	-1040.8	166	9.4	04158.9	-1018.4
6223	10.	233009.2	-0920.3	6313	9.5	235650.0	-0906.5	77	9.9	01951.7	-1034.7	167	9.6	04226.5	-1027.2
6224	7.2	233042.4	-0925.8	6314	9.5	235711.0	-0918.6	78	8.8	02007.7	-1010.1	168	9.9	04237.8	-1017.4
6225	9.2	233128.3	-0944.5	6315	9.5	235714.4	-0943.2	79	9.4	02044.8	-1023.3	169	8.9	04257.6	-1041.9
6226	9.4	233159.2	-0937.1	6316	9.5	235757.5	-0947.7	80	9.3	02107.0	-1001.6	170	9.5	04301.6	-1013.5
6227	9.2	233210.3	-0940.2	6317	9.1	235822.2	-0950.4	81	8.9	02114.9	-1021.7	171	9.8	04341.7	-1040.4
6228	9.1	233222.6	-0922.5	6318	10.	235822.2	-0949.1	82	8.3	02117.1	-1012.6	172	9.4	04347.2	-1037.7
6229	10.	233223.8	-0920.7	6319	8.8	235825.8	-0921.0	83	9.3	02150.6	-1034.5	173	6.5	04402.0	-1011.6
6230	10.	233231.9	-0930.8	6320	9.1	235833.9	-0938.8	84	10.	02151.4	-1042.7	174	9.2	04415.3	-1004.4
6231	9.8	233247.7	-0931.6	6321	9.5	235856.6	-0903.1	85	8.7	02247.3	-1002.2	175	9.4	04438.8	-1042.0
6232	8.9	233354.6	-0926.2	6322	9.8	235923.2	-0938.3	86	8.9	02309.5	-1028.8	176	9.6	04444.4	-1010.1
6233	8.3	233408.3	-0937.6	6323	9.0	235927.2	-0912.0	87	9.1	02315.7	-1011.9	177	9.5	04447.8	-1053.5
6234	9.1	233423.6	-0909.6	6324	10.	235928.3	-0947.3	88	7.7	02320.1	-1012.6	178	7.7	04454.7	-1037.7
6235	9.4	233434.8	-0937.5	6325	9.1	235934.6	-0935.3	89	7.2	02338.3	-1052.7	179	9.8	04533.0	-1016.0
6236	10.	233437.6	-0904.9	6326	10.	235955.2	-0935.6	90	8.6	02343.8	-1052.7	180	8.7	04542.7	-1004.0
6237	8.3	233455.3	-0937.8	1	10.	00000.6	-1015.4	91	9.4	02409.2	-1041.8	181	8.9	04549.1	-1051.7
6238	9.2	233533.2	-0925.5	2	10.	00041.4	-1021.1	92	10.	02411.7	-1046.5	182	9.7	04611.8	-1036.5
6239	9.1	233536.4	-0946.0	3	9.5	00051.0	-1010.0	93	6.0	02429.8	-1011.6	183	8.6	04642.7	-1006.5
6240	9.7	233539.5	-0925.2	4	9.3	00108.5	-1038.7	94	9.4	02441.8	-1049.4	184	10.	04657.2	-1059.7
6241	9.5	233542.2	-0921.0	5	9.3	00129.7	-1050.3	95	8.9	02442.6	-1012.8	185	10.	04705.5	-1011.9
6242	8.5	233556.8	-0950.7	6	9.2	00132.7	-1055.4	96	9.5	02451.9	-1012.4	186	9.7	04714.6	-1002.4
6243	9.5	233602.9	-0947.6	7	9.6	00149.8	-1057.5	97	9.4	02532.6	-1006.6	187	9.4	04726.8	-1033.6
6244	8.8	233634.1	-0904.7	8	9.8	00152.8	-1052.2	98	9.5	02545.1	-1027.1	188	9.8	04746.2	-1030.3
6245	9.8	233642.0	-0903.8	9	8.0	00205.5	-1059.6	99	8.3	02547.0	-1047.3	189	9.5	04829.6	-1020.0
6246	9.5	233644.9	-0951.7	10	9.5	00245.2	-1025.6	100	9.3	02606.3	-1025.5	190	9.0	04845.2	-1025.1
6247	8.2	233710.7	-0939.6	11	8.5	00304.2	-1006.3	101	9.6	02609.2	-1016.9	191	9.9	04858.0	-1036.1
6248	7.3	233714.2	-0916.4	12	9.8	00304.8	-1006.3	102	9.5	02625.9	-1055.8	192	9.1	04903.7	-1028.8
6249	9.7	233726.3	-0913.9	13	9.4	00342.0	-1027.0	103	9.8	02647.0	-1025.5	193	9.7	04922.1	-1013.0
6250	9.7	233742.5	-0956.6	14	9.3	00405.7	-1000.9	104	10.	02729.1	-1027.3	194	10.	04949.9	-1012.0
6251	9.4	233758.0	-0900.8	15	9.6	00414.5	-1021.6	105	10.	02729.9	-1019.3	195	9.3	05008.7	-1017.3
6252	9.3	233804.6	-0900.1	16	8.0	00415.6	-1030.0	106	9.8	02756.3	-1036.8	196	9.8	05016.6	-1028.9
6253	9.8	233805.7	-0908.4	17	9.9	00438.0	-1049.6	107	9.3	02759.7	-1055.4	197	9.8	05020.2	-1029.4
6254	9.7	233823.3	-0924.8	18	9.5	00442.5	-1025.5	108	9.0	02800.1	-1030.4	198	9.5	05033.0	-1004.4
6255	9.8	233826.2	-0904.7	19	9.4	00535.8	-1050.0	109	10.	02839.0	-1018.7	199	9.0	05042.1	-1036.6
6256	9.0	233850.1	-0927.6	20	10.	00545.6	-1019.6	110	8.8	02851.4	-1048.5	200	10.	05103.5	-1043.2
6257	10.	233902.9	-0948.3	21	9.8	00605.4	-1031.4	111	9.8	02911.0	-1012.5	201	10.	05122.5	-1049.0
6258	7.5	233904.7	-0948.1	22	10.	00607.9	-1012.9	112	9.8	02924.2	-1024.1	202	10.	05132.6	-1048.7
6259	9.7	233912.6	-0926.0	23	9.0	00630.7	-1042.4	113	9.5	02939.1	-1012.4	203	9.1	05140.9	-1039.5
6260	7.7	233922.9	-0941.8	24	9.6	00631.6	-1059.9	114	10.	03009.5	-1053.0	204	9.0	05143.1	-1007.4
6261	9.2	233943.2	-0928.2	25	8.6	00631.9	-1033.3	115	9.5	03051.4	-1046.3	205	9.5	05201.6	-1053.6
6262	9.5	234037.1	-0927.1	26	10.	00635.6	-1000.6	116	9.5	03057.3	-1040.1	206	9.5	05224.2	-1020.7
6263	9.9	234056.2	-0903.8	27	8.8	00716.0	-1013.0	117	9.2	03111.6	-1054.1	207	9.7	05234.3	-1053.5
6264	9.1	234104.0	-0938.3	28	9.3	00717.8	-1009.6	118	9.8	03123.9	-1040.6	208	9.7	05256.9	-1045.5
6265	9.5	234156.9	-0917.9	29	9.0	00718.3	-1044.4	119	9.5	03131.6	-1014.9	209	7.0	05333.2	-1009.0
6266	9.5	234202.6	-0900.1	30	6.5	00730.1	-1022.5	120	9.5	03155.2	-1026.1	210	9.7	05354.3	-1040.5
6267	9.5	234207.0	-0922.6	31	9.1	00742.0	-1012.1	121	9.5	03210.0	-1017.4	211	10.	05406.1	-1026.3
6268	9.5	234242.1	-0929.9	32	10.	00831.4	-1022.9	122	10.	03210.5	-1054.9	212	8.6	05412.0	-1012.4
6269	10.	234307.8	-0959.2	33	9.5	00834.9	-1048.6	123	10.	03219.3	-1031.2	213	9.8	05420.4	-1042.9
6270	9.6	234320.9	-0925.4	34	8.1	00835.8	-1016.9	124	9.8	03220.3	-1005.2	214	9.2	05425.8	-1042.8
6271	9.5	234401.3	-0907.5	35	9.3	00918.0	-1059.3	125	10.	03226.4	-1049.9	215	9.5	05435.1	-1033.7
6272	9.7	234443.7	-0951.9	36	10.	00929.2	-1034.7	126	9.5	03228.5	-1044.6	216	9.5	05441.8	-1039.5
6273	9.5	234449.2	-0933.1	37	9.1	00934.6	-1005.9	127	10.	03240.5	-1054.4	217	10.	05450.6	-1052.8
6274	9.5	234507.7	-0957.3	38	9.5	00950.3	-1046.1	128	9.3	03249.7	-1003.6	218	9.5	05515.0	-1051.5
6275	8.5	234517.8	-0942.4	39	9.2	01003.3	-1010.2	129	9.0	03302.2	-1000.5	219	9.8	05537.5	-1051.8
6276	8.8	234518.5	-0957.4	40	9.8	01013.5	-1016.0	130	9.5	03305.4	-1049.5	220	8.4	05541.3	-1038.1
6277	6.2	234522.9	-0948.1	41	9.1	01022.1	-1013.3	131	10.	03320.1	-1010.0	221	10.	05547.4	-1034.0
6278	9.4	234525.4	-0921.1	42	9.8	01035.4	-1048.7	132	9.4	03323.9	-1041.1	222	9.7	05549.0	-1003.6
6279	10.	234615.1	-0952.7	43	10.	01045.7	-1015.0	133	8.6	03334.0	-1045.9	223	9.7	05551.3	-1026.9
6280	9.2	234632.9	-0933.1	44	9.8	01046.4	-1003.2	134	9.8	03357.6	-1042.4	224	9.6	05629.7	-1027.8
6281	9.9	234658.8	-0944.6	45	9.2	01112.3	-1015.4	135	9.1	03415.9	-1028.5	225	9.7	05645.8	-1022.7
6282	9.8	234707.0	-0907.2	46	9.5	01132.4	-1044.4	136	9.0	03441.6	-1027.0	226	8.8	05728.5	-1050.1
6283	9.8	234707.9	-0923.9	47	9.1	01142.9	-1045.7	137	9.0	03454.4	-1037.7	227	9.1	05753.9	-1034.8
6284	9.1	234739.6	-0921.7	48	10.	01211.3	-1009.7	138	9.3	03504.4	-1028.4	228	9.5	05805.9	-1016.1
6285	8.8	234740.5	-0914.8	49	10.	01212.9	-1050.8	139	10.	03520.3	-1028.5	229	6.5	05821.5	-1045.5
6286	8.8	234755.0	-0933.3	50	10.	01215.2	-1000.4	140	7.0	03531.5	-1043.0	230	6.0	05849.4	-1036.9
6287	8.0	234817.7	-0951.8	51	10.	01230.4	-1046.0	141	10.	03551.1	-1041.4	231	9.1	05904.5	-1041.9
6288	9.5	234830.6	-0922.5	52	9.3	01251.3	-1013.5	142	8.5	03601.3	-1006.8	232	8.2	05911.3	-1032.1
6289	10.	234833.1	-0951.7	53	9.9	01308.8	-1040.0	143	9.6	03605.9	-1058.1	233	9.1	05914.2	-1052.0
6290	9.9	234848.8	-0920.3	54	10.	01337.9	-1042.5	144	9.1	03611.1	-1047.7	234	9.5	05917.9	-1027.4
6291	9.2	234900.0	-0931.5	55	8.7	01347.2	-1002.3	145	9.4	03623.7	-1052.8	235	9.2	05932.4	-1038.6
6292	9.6	234907.0	-0934.3	56	8.6	01434.5	-1042.7	146	10.	03634.4	-1012.8	236	9.5	10001.6	-1034.8
6293	9.5	234924.6	-0932.4	57	8.0	01519.7	-1025.5	147	9.2	03636.4	-1022.3	237	9.4	10024.2	-1022.0
6294	30.0	235029.0	-0946.1	58	7.8	01523.8	-1001.9	148	9.1	03640.0	-1014.4	238	6.5	10028.9	-1033.6
6295	8.5	235121.5	-0938.1	59	9.2	01525.3	-1027.5	149	9.2	03640.3	-1022.9	239	9.5	10105.6	-1054.9
6296	7.8	235141.7	-0917.9	60	8.5	01525.8	-1005.0	150	9.0	03654.8	-1021.6	240	3.5	10118.3	-1056.6
6297	9.2	235201.9	-0903.6	61	9.1	01553.4	-1046.9	151	9.0	03733.1	-1042.6	241	9.4	10119.7	-1047.7
6298	10.	235202.8	-0947.8	62	9.4	01625.5	-1016.1	152	9.8	03739.8	-1048.4	242	9.0	10137.9	-1013.7
6299	9.6	235229.1	-0947.1	63	9.8	01631.4	-1034.2	153	9.8	03748.8	-1017.8	243	8.2	10147.2	-1052.1
6300	9.3	235241.6	-0900.3	64	10.	01636.9	-1000.5	154	10.	03806.5	-1038.6	244	9.7	10222.7	-1044.5
6301	8.9	235257.9	-0954.2	65	30.0	01641.3	-1008.1	155	8.7	03807.9	-1020.4	245	9.7	10225.6	-1048.1
6302	9.5	235318.8	-0950.0	66	9.6	01710.1	-1042.3	156	10.	03831.5	-1032.9	246	9.7	10239.7	-1016.7
6303	9.8	235330.1	-0915.0	67	9.4	01750.0	-1046.0	157	9.7	03853.4	-1019.2	247	9.0	10306.8	-1027.5
6304	8.8	235352.9	-0944.1	68	9.2	01758.4	-1053.2	158	8.9	03900.7	-1015.3	248	9.0	10349.6	-1042.5
6305	9.2	235412.7	-0920.0	69	9.4	01809.2	-1053.2	159	8.3	03911.9	-1022.1	249	9.1	10408.7	-1015.9
6306	9.1	235415.4	-0959.3	70	9.8	01812.4	-1002.5	160	9.3	03941.0	-1005.6	250	10.	10426.5	-1038.6
6307	9.0	235446.3	-0947.7	71	9.2	01832.3	-1022.0	161	8.6	03945.2	-1044.6	251	10.	10427.1	-1046.6

252	10.	10448.3 -1001.5	342	9.8	13022.1 -1029.7	432	9.0	15935.1 -1047.8	522	6.8	23205.9 -1027.3
253	10.	10451.4 -1033.6	343	6.3	13022.5 -1008.4	433	9.2	15950.6 -1058.3	523	9.4	23223.8 -1026.9
254	10.	10515.0 -1051.3	344	9.0	13043.4 -1020.6	434	9.3	20037.0 -1042.8	524	9.2	23241.1 -1012.8
255	9.1	10602.5 -1007.6	345	10.	13052.6 -1055.5	435	8.8	20048.8 -1033.2	525	6.2	23308.5 -1004.5
256	10.	10605.5 -1044.1	346	9.3	13124.3 -1037.5	436	9.9	20058.5 -1022.5	526	9.2	23324.4 -1036.7
257	9.3	10608.3 -1012.6	347	8.3	13135.7 -1057.8	437	7.0	20112.1 -1044.0	527	9.1	23331.8 -1013.5
258	10.	10615.5 -1048.6	348	9.1	13236.3 -1030.0	438	9.1	20134.2 -1046.6	528	9.8	23340.0 -1003.1
259	8.8	10653.2 -1034.3	349	7.8	13241.8 -1042.7	439	9.1	20218.9 -1052.4	529	9.8	23400.0 -1055.9
260	7.8	10725.0 -1044.3	350	9.4	13300.6 -1047.9	440	8.5	20224.3 -1033.5	530	8.8	23411.8 -1023.0
261	9.6	10739.6 -1049.2	351	9.4	13305.1 -1027.6	441	8.7	20230.1 -1019.9	531	9.8	23416.9 -1024.4
262	9.7	10810.5 -1050.5	352	9.5	13308.7 -1037.9	442	10.	20237.1 -1002.6	532	9.9	23418.1 -1019.8
263	8.2	10832.3 -1033.3	353	10.	13322.3 -1041.7	443	10.	20318.2 -1001.0	533	9.5	23540.3 -1048.1
264	9.5	10845.3 -1015.7	354	10.	13323.7 -1051.0	444	9.5	20323.6 -1042.4	534	10.	23551.0 -1001.5
265	9.5	10857.5 -1035.1	355	9.0	13327.4 -1034.1	445	9.5	20338.7 -1028.7	535	10.	23604.1 -1042.5
266	9.5	10920.9 -1018.1	356	10.	13351.8 -1051.5	446	9.5	20412.7 -1001.5	536	9.4	23609.3 -1018.4
267	9.3	10925.7 -1056.4	357	8.6	13358.3 -1042.1	447	6.5	20415.6 -1044.1	537	9.4	23609.7 -1021.2
268	9.8	10933.9 -1047.1	358	9.0	13406.4 -1006.1	448	9.8	20521.9 -1016.9	538	9.8	23627.6 -1050.5
269	9.8	10949.0 -1005.0	359	9.4	13439.6 -1005.7	449	9.3	20531.5 -1036.1	539	9.5	23630.2 -1035.4
270	8.7	10959.9 -1057.3	360	9.8	13444.3 -1014.5	450	9.2	20544.2 -1021.4	540	9.8	23637.2 -1031.3
271	8.7	11000.9 -1043.9	361	9.5	13517.0 -1020.5	451	9.5	20552.1 -1017.3	541	9.4	23731.2 -1005.7
272	8.9	11017.4 -1010.6	362	9.3	13537.3 -1015.2	452	9.5	20621.7 -1006.2	542	9.1	23820.1 -1028.1
273	10.	11018.6 -1019.6	363	9.9	13544.2 -1021.9	453	8.3	20625.3 -1025.6	543	9.5	23825.9 -1056.4
274	9.0	11021.9 -1006.9	364	10.	13619.8 -1014.4	454	9.1	20634.4 -1050.5	544	9.1	23915.8 -1016.9
275	9.3	11042.1 -1054.0	365	10.	13627.4 -1032.3	455	8.5	20636.3 -1045.1	545	9.5	23924.9 -1046.9
276	9.1	11043.7 -1025.4	366	9.5	13716.3 -1049.1	456	9.5	20724.7 -1017.5	546	9.0	23927.6 -1025.2
277	9.0	11044.4 -1042.4	367	8.8	13721.7 -1020.4	457	9.6	20726.8 -1057.6	547	9.1	23930.4 -1045.7
278	10.	11136.4 -1042.8	368	9.6	13748.5 -1048.6	458	9.4	20755.9 -1018.3	548	9.5	23953.9 -1044.4
279	8.4	11156.0 -1008.8	369	9.5	13809.6 -1006.1	459	10.	20759.2 -1001.4	549	8.9	23957.1 -1028.3
280	9.1	11205.4 -1034.0	370	9.0	13839.1 -1003.9	460	7.0	20820.4 -1008.5	550	9.2	24003.9 -1010.6
281	9.8	11210.6 -1023.8	371	9.9	13911.9 -1014.8	461	9.1	20857.0 -1033.3	551	9.7	24024.6 -1013.3
282	9.7	11218.5 -1037.1	372	9.4	13931.5 -1017.2	462	7.5	20906.9 -1029.5	552	9.1	24026.2 -1005.5
283	10.	11223.7 -1043.1	373	9.2	13944.3 -1045.9	463	9.2	20956.5 -1057.2	553	9.4	24050.8 -1015.1
284	8.7	11237.9 -1044.6	374	9.5	13946.0 -1028.7	464	9.4	21046.9 -1055.9	554	9.8	24107.5 -1049.7
285	9.5	11241.2 -1023.9	375	9.4	13950.8 -1044.8	465	9.8	21105.1 -1034.8	555	10.	24110.6 -1021.2
286	7.2	11249.0 -1038.6	376	8.3	13955.7 -1019.4	466	9.4	21117.2 -1045.3	556	10.	24218.6 -1053.3
287	9.2	11253.2 -1004.5	377	9.0	14004.5 -1032.4	467	10.	21129.0 -1055.3	557	9.4	24231.7 -1001.0
288	8.8	11303.3 -1030.6	378	8.7	14014.6 -1013.2	468	10.	21134.2 -1044.4	558	8.0	24233.3 -1008.1
289	9.3	11334.8 -1029.0	379	9.5	14102.8 -1013.0	469	10.	21152.5 -1004.5	559	9.3	24240.1 -1019.2
290	9.8	11400.1 -1048.6	380	10.	14109.7 -1034.0	470	9.4	21217.8 -1021.7	560	9.8	24249.4 -1036.5
291	9.7	11415.2 -1053.1	381	9.5	14111.9 -1047.5	471	9.5	21220.6 -1053.9	561	9.2	24304.3 -1052.8
292	10.	11416.0 -1018.7	382	9.1	14139.3 -1024.2	472	9.5	21248.1 -1006.1	562	9.3	24304.6 -1058.0
293	9.0	11426.3 -1026.1	383	9.8	14201.0 -1016.4	473	9.8	21329.5 -1053.3	563	9.9	24313.2 -1005.9
294	9.1	11441.7 -1013.4	384	9.8	14219.5 -1027.8	474	9.5	21343.9 -1024.1	564	9.5	24316.8 -1033.9
295	8.7	11445.0 -1013.0	385	9.5	14256.7 -1042.9	475	9.5	21349.7 -1042.4	565	9.7	24356.9 -1055.9
296	9.0	11526.7 -1020.9	386	9.4	14259.1 -1057.5	476	10.	21409.5 -1002.9	566	8.8	24403.1 -1051.2
297	9.8	11559.1 -1013.5	387	9.5	14309.4 -1018.5	477	9.5	21415.0 -1017.7	567	9.8	24420.8 -1031.0
298	9.0	11630.8 -1041.2	388	9.2	14320.2 -1004.5	478	9.3	21422.6 -1003.8	568	9.3	24510.7 -1059.1
299	8.3	11649.9 -1034.0	389	9.0	14435.2 -1030.4	479	8.5	21443.1 -1003.3	569	6.5	24546.2 -1002.5
300	9.8	11706.7 -1031.0	390	9.1	14436.9 -1038.7	480	9.9	21450.5 -1043.4	570	9.8	24609.3 -1033.5
301	10.	11720.5 -1039.4	391	8.5	14453.8 -1017.9	481	9.4	21451.0 -1047.9	571	9.5	24612.5 -1043.2
302	9.5	11725.2 -1027.4	392	8.0	14506.3 -1027.0	482	8.6	21537.2 -1051.7	572	9.1	24641.8 -1014.8
303	9.8	11743.8 -1022.5	393	9.5	14528.0 -1014.5	483	9.4	21550.0 -1024.5	573	10.	24703.4 -1033.8
304	9.8	11758.0 -1052.0	394	9.5	14558.9 -1056.0	484	9.5	21604.8 -1020.3	574	10.	24705.2 -1013.6
305	9.3	11814.3 -1010.3	395	9.5	14652.0 -1035.6	485	9.9	21620.1 -1001.1	575	9.8	24737.3 -1031.5
306	10.	11836.6 -1040.2	396	9.9	14653.8 -1003.7	486	9.4	21708.5 -1027.6	576	10.	24800.9 -1006.8
307	9.3	11839.8 -1053.9	397	9.6	14655.3 -1010.3	487	8.1	21756.7 -1051.3	577	8.3	24847.3 -1001.7
308	9.2	11941.4 -1003.9	398	9.8	14706.6 -1014.0	488	8.3	21807.1 -1015.8	578	9.8	24916.9 -1012.6
309	7.2	12014.6 -1002.7	399	7.8	14803.9 -1032.5	489	9.4	21835.2 -1020.7	579	9.5	24949.9 -1030.0
310	9.5	12025.0 -1028.1	400	10.	14806.2 -1013.4	490	10.	21839.4 -1012.2	580	8.2	24953.8 -1057.7
311	8.5	12051.3 -1047.5	401	9.6	14900.1 -1003.2	491	8.3	21848.8 -1033.8	581	9.0	25026.7 -1051.8
312	9.1	12055.1 -1001.8	402	9.8	14919.2 -1010.9	492	8.8	21926.1 -1016.2	582	9.7	25027.5 -1014.9
313	9.2	12059.3 -1057.2	403	6.7	15004.4 -1056.0	493	9.3	21948.5 -1039.4	583	9.1	25134.0 -1033.0
314	9.8	12109.4 -1019.3	404	9.5	15028.5 -1018.0	494	9.8	22020.7 -1048.5	584	9.4	25139.2 -1046.1
315	9.0	12116.5 -1033.1	405	9.8	15030.9 -1001.7	495	8.3	22038.0 -1027.2	585	6.5	25145.8 -1021.4
316	7.2	12219.2 -1014.5	406	9.8	15040.7 -1041.0	496	9.0	22112.2 -1003.3	586	8.3	25226.7 -1051.2
317	9.8	12225.2 -1031.5	407	9.1	15041.0 -1005.0	497	8.5	22130.1 -1022.5	587	9.5	25228.4 -1022.3
318	9.5	12230.5 -1024.3	408	9.5	15108.9 -1012.6	498	8.8	22133.5 -1014.9	588	9.4	25233.5 -1048.8
319	9.2	12242.7 -1040.0	409	9.2	15131.0 -1028.8	499	9.5	22202.8 -1028.9	589	9.9	25254.3 -1059.4
320	10.	12254.1 -1015.1	410	9.7	15144.1 -1031.4	500	10.	22205.9 -1008.5	590	9.7	25325.3 -1014.9
321	10.	12349.8 -1038.6	411	9.8	15148.8 -1028.3	501	9.5	22206.4 -1053.4	591	8.2	25353.9 -1036.6
322	9.9	12351.1 -1043.5	412	8.5	15200.1 -1053.3	502	9.5	22238.9 -1008.7	592	9.0	25415.9 -1054.4
323	9.5	12355.0 -1056.5	413	8.1	15209.4 -1017.0	503	8.5	22240.8 -1003.1	593	9.0	25452.2 -1045.8
324	8.0	12357.8 -1003.4	414	9.5	15232.6 -1033.2	504	9.1	22339.7 -1003.6	594	6.0	25454.9 -1031.9
325	8.4	12408.3 -1018.1	415	9.7	15243.3 -1015.0	505	9.9	22352.3 -1005.9	595	10.	25531.6 -1010.9
326	8.0	12418.1 -1026.8	416	9.5	15253.0 -1003.4	506	9.5	22432.5 -1046.5	596	9.4	25536.9 -1001.1
327	9.9	12458.9 -1024.2	417	9.0	15338.8 -1018.0	507	9.1	22603.2 -1059.5	597	9.3	25540.7 -1006.0
328	8.8	12512.2 -1015.2	418	9.0	15348.1 -1007.0	508	9.4	22630.9 -1005.0	598	9.4	25621.4 -1039.6
329	9.8	12547.0 -1027.7	419	9.5	15353.1 -1050.6	509	9.2	22640.5 -1014.5	599	9.4	25633.5 -1053.2
330	9.1	12622.0 -1015.6	420	9.5	15409.6 -1010.5	510	10.	22643.7 -1021.1	600	10.	25653.2 -1033.1
331	9.5	12626.4 -1008.1	421	8.8	15442.5 -1027.4	511	9.5	22731.2 -1042.8	601	9.0	25723.7 -1025.3
332	9.3	12644.7 -1019.9	422	9.3	15557.3 -1037.6	512	8.0	22758.3 -1031.4	602	8.5	25747.0 -1044.4
333	9.8	12646.0 -1010.8	423	10.	15622.0 -1002.5	513	8.0	22801.4 -1004.8	603	9.1	25759.2 -1000.6
334	9.8	12649.9 -1021.6	424	7.5	15626.7 -1009.6	514	9.2	22807.9 -1003.4	604	10.	25838.8 -1008.4
335	9.5	12744.4 -1003.9	425	9.3	15635.5 -1054.3	515	9.5	22900.2 -1044.4	605	9.9	25858.8 -1032.0
336	10.	12752.5 -1053.1	426	9.8	15658.6 -1048.9	516	9.5	22911.3 -1053.5	606	9.6	25907.3 -1055.4
337	9.4	12827.9 -1019.8	427	8.9	15759.6 -1003.3	517	9.8	22954.2 -1049.4	607	9.5	25909.0 -1000.6
338	9.6	12905.9 -1017.1	428	9.0	15814.7 -1029.1	518	8.9	23001.4 -1003.9	608	9.9	25913.2 -1023.0
339	9.6	12912.5 -1045.7	429	8.8	15858.2 -1054.3	519	9.4	23043.3 -1031.4	609	9.9	25918.5 -1050.7
340	9.9	12923.9 -1014.8	430	7.0	15903.6 -1057.9	520	9.9	23123.2 -1015.5	610	7.0	25933.0 -1048.5
341	10.	12947.7 -1055.7	431	8.5	15918.4 -1041.2	521	8.8	23204.1 -1009.6	611	9.3	25934.9 -1017.5

-10 612 3h00m

612	10.	30007.3	-1034.1	702	9.2	32714.8	-1031.9	792	9.4	34939.0	-1006.1	882	7.5	40941.5	-1027.1
613	9.4	30009.7	-1024.6	703	9.9	32722.6	-1053.2	793	6.5	34940.6	-1010.5	883	9.8	41040.9	-1045.4
614	10.	30024.6	-1059.4	704	6.5	32739.3	-1021.4	794	9.2	35009.0	-1014.9	884	9.1	41047.8	-1020.3
615	9.6	30038.3	-1018.1	705	9.0	32750.8	-1023.6	795	9.2	35012.1	-1052.6	885	9.3	41051.6	-1028.1
616	10.	30040.0	-1041.3	706	9.1	32815.0	-1003.8	796	8.0	35040.9	-1006.8	886	9.5	41121.4	-1039.7
617	9.8	30103.6	-1052.5	707	10.	32822.4	-1030.0	797	9.1	35047.4	-1040.8	887	9.1	41134.5	-1048.6
618	9.0	30116.4	-1046.2	708	8.6	32858.5	-1040.5	798	9.8	35100.3	-1016.5	888	9.6	41146.1	-1052.0
619	10.	30124.6	-1014.9	709	9.4	32906.2	-1018.2	799	9.2	35103.9	-1039.0	889	9.2	41157.1	-1040.0
620	8.0	30126.1	-1006.3	710	9.2	32919.8	-1002.6	800	9.4	35104.6	-1035.4	890	10.	41217.5	-1046.0
621	9.3	30129.7	-1054.1	711	10.	32942.8	-1031.6	801	9.7	35114.0	-1040.8	891	9.0	41224.3	-1006.3
622	9.5	30149.6	-1006.1	712	9.8	33009.1	-1049.9	802	9.7	35122.5	-1037.2	892	8.4	41242.0	-1056.1
623	9.5	30210.0	-1037.9	713	8.8	33029.9	-1008.9	803	9.7	35144.4	-1028.5	893	9.4	41247.1	-1058.5
624	9.9	30215.6	-1027.7	714	9.9	33108.6	-1041.1	804	10.	35145.2	-1003.9	894	10.	41253.0	-1016.2
625	9.1	30233.1	-1046.1	715	10.	33120.4	-1000.8	805	10.	35147.0	-1021.6	895	8.5	41320.6	-1051.1
626	8.3	30240.0	-1007.5	716	9.3	33156.9	-1027.0	806	9.5	35157.8	-1023.2	896	9.5	41331.7	-1031.7
627	9.5	30248.2	-1021.1	717	6.1	33229.6	-1054.6	807	9.0	35228.3	-1023.8	897	10.	41356.2	-1015.2
628	10.	30255.3	-1059.9	718	9.3	33231.7	-1045.3	808	8.2	35242.2	-1044.1	898	9.8	41405.2	-1031.6
629	9.8	30301.0	-1013.0	719	9.4	33259.7	-1049.8	809	9.0	35249.6	-1054.0	899	9.7	41416.5	-1022.7
630	9.4	30307.0	-1015.8	720	9.4	33313.1	-1045.5	810	9.5	35336.5	-1037.6	900	9.5	41420.1	-1046.5
631	9.5	30317.0	-1038.3	721	10.	33323.4	-1008.7	811	10.	35350.5	-1040.5	901	10.	41506.0	-1045.2
632	10.	30342.7	-1004.8	722	10.	33418.5	-1056.0	812	10.	35353.8	-1018.3	902	8.0	41509.1	-1017.7
633	9.1	30452.1	-1059.4	723	9.8	33509.0	-1008.7	813	8.7	35400.6	-1051.5	903	8.3	41518.8	-1036.9
634	9.3	30502.4	-1036.8	724	8.8	33513.3	-1017.9	814	9.0	35400.7	-1051.3	904	9.3	41519.6	-1025.1
635	9.4	30508.6	-1012.1	725	9.1	33516.9	-1012.1	815	9.5	35430.7	-1052.0	905	8.8	41537.0	-1023.3
636	10.	30600.9	-1029.6	726	9.4	33529.1	-1034.7	816	9.8	35433.9	-1033.3	906	10.	41639.0	-1011.9
637	10.	30609.3	-1004.3	727	8.8	33551.4	-1058.5	817	9.3	35504.4	-1026.3	907	9.0	41649.4	-1036.9
638	8.1	30622.5	-1032.4	728	3.3	33617.9	-1015.0	818	9.0	35508.2	-1053.5	908	9.2	41705.5	-1042.0
639	9.9	30641.1	-1059.3	729	6.0	33638.3	-1056.7	819	9.0	35517.4	-1030.4	909	9.9	41718.2	-1001.1
640	9.0	30723.1	-1045.4	730	7.7	33646.7	-1004.0	820	9.5	35522.5	-1022.2	910	9.7	41741.2	-1028.4
641	9.6	30727.3	-1019.7	731	9.4	33647.8	-1055.7	821	9.8	35523.0	-1038.0	911	9.5	41802.1	-1045.7
642	7.5	30732.0	-1013.9	732	9.8	33659.7	-1050.2	822	9.6	35607.4	-1028.8	912	8.7	41808.3	-1043.3
643	10.	30806.3	-1055.4	733	9.3	33704.4	-1003.1	823	8.2	35630.7	-1057.8	913	9.5	41814.1	-1007.2
644	9.3	30850.0	-1011.9	734	9.5	33704.7	-1014.8	824	9.4	35714.8	-1017.2	914	9.3	41814.2	-1010.3
645	10.	30913.6	-1014.0	735	9.2	33714.1	-1032.4	825	10.	35719.3	-1030.0	915	9.6	41838.1	-1021.7
646	9.5	30929.0	-1005.9	736	8.0	33747.7	-1042.2	826	9.5	35720.1	-1026.5	916	8.5	41847.3	-1055.2
647	9.9	30949.5	-1029.4	737	9.3	33750.9	-1054.6	827	9.5	35724.2	-1011.7	917	6.8	41848.3	-1015.7
648	9.0	31040.1	-1029.6	738	9.3	33757.2	-1049.4	828	9.2	35725.9	-1049.4	918	9.8	41927.8	-1028.5
649	7.2	31100.6	-1058.4	739	8.9	33841.7	-1045.0	829	9.5	35726.0	-1054.5	919	7.8	41933.2	-1052.4
650	8.0	31120.1	-1015.7	740	9.8	33858.0	-1005.5	830	10.	35726.9	-1031.5	920	9.8	41949.9	-1016.4
651	10.	31125.9	-1055.5	741	7.0	33915.7	-1019.9	831	8.0	35730.5	-1038.1	921	9.5	42005.3	-1032.5
652	9.3	31135.3	-1046.8	742	9.8	33925.1	-1030.4	832	10.	35758.0	-1032.3	922	9.1	42049.1	-1015.3
653	9.3	31204.0	-1001.0	743	8.5	33937.3	-1010.5	833	10.	35827.2	-1045.3	923	9.8	42102.7	-1050.0
654	9.7	31214.5	-1008.2	744	9.6	33956.8	-1050.7	834	6.8	35859.1	-1041.9	924	9.1	42103.8	-1000.7
655	9.4	31315.4	-1022.9	745	9.4	34013.4	-1008.9	835	9.8	35913.3	-1037.2	925	8.4	42138.7	-1051.6
656	9.2	31332.1	-1006.2	746	10.	34038.9	-1051.5	836	9.1	35938.5	-1031.4	926	8.3	42200.5	-1020.9
657	9.0	31349.8	-1052.0	747	10.	34049.6	-1046.4	837	9.9	35958.9	-1027.1	927	8.9	42228.7	-1048.0
658	9.6	31403.3	-1045.5	748	9.7	34109.8	-1040.0	838	9.7	40004.8	-1011.1	928	9.2	42238.1	-1031.6
659	9.0	31441.2	-1020.4	749	9.7	34139.2	-1037.8	839	6.7	40006.9	-1023.2	929	9.7	42240.8	-1055.3
660	9.3	31501.4	-1046.2	750	9.4	34143.4	-1010.3	840	9.7	40008.0	-1034.1	930	9.7	42245.7	-1022.0
661	8.8	31501.6	-1010.4	751	9.7	34151.0	-1002.9	841	7.2	40019.8	-1009.1	931	9.9	42304.4	-1032.9
662	10.	31554.6	-1025.0	752	9.7	34202.0	-1010.8	842	9.1	40031.9	-1026.6	932	9.3	42320.3	-1029.1
663	9.0	31602.2	-1006.4	753	9.9	34229.0	-1016.1	843	9.3	40033.7	-1009.1	933	8.7	42336.1	-1014.2
664	9.9	31613.3	-1048.6	754	9.5	34235.9	-1048.1	844	9.0	40046.0	-1030.3	934	9.9	42353.1	-1057.4
665	8.8	31623.4	-1045.7	755	10.	34304.1	-1016.7	845	9.7	40055.8	-1016.8	935	10.	42403.9	-1007.6
666	9.3	31637.8	-1044.0	756	9.7	34319.7	-1006.5	846	9.8	40109.5	-1004.8	936	9.8	42414.2	-1027.3
667	10.	31640.6	-1001.6	757	8.2	34329.8	-1045.7	847	9.1	40159.0	-1000.9	937	9.0	42439.8	-1026.3
668	10.	31652.9	-1012.9	758	9.9	34354.6	-1034.5	848	9.8	40202.4	-1059.8	938	9.7	42443.9	-1019.3
669	10.	31656.5	-1054.0	759	8.2	34405.4	-1010.4	849	9.2	40232.7	-1045.0	939	9.5	42456.1	-1011.5
670	10.	31715.1	-1032.8	760	9.5	34428.2	-1010.2	850	9.7	40233.9	-1055.0	940	9.2	42504.5	-1006.9
671	9.7	31739.1	-1003.8	761	9.4	34435.1	-1005.0	851	9.0	40234.0	-1031.1	941	9.8	42512.2	-1047.1
672	9.0	31742.6	-1056.0	762	9.5	34436.9	-1043.2	852	10.	40252.3	-1029.4	942	9.0	42518.9	-1053.6
673	9.4	31820.1	-1003.2	763	8.3	34459.1	-1057.9	853	9.5	40255.2	-1033.0	943	8.5	42523.1	-1014.3
674	9.5	31839.7	-1030.0	764	9.8	34544.9	-1044.3	854	9.0	40257.1	-1004.2	944	9.5	42523.4	-1048.4
675	9.8	31857.0	-1054.2	765	10.	34554.8	-1037.8	855	9.0	40315.6	-1033.4	945	9.5	42527.0	-1033.7
676	9.5	31901.9	-1015.5	766	9.9	34557.0	-1013.2	856	9.2	40436.9	-1012.0	946	9.5	42531.5	-1009.7
677	9.2	31902.3	-1047.2	767	9.3	34603.7	-1001.3	857	9.7	40443.1	-1027.0	947	9.8	42532.4	-1002.1
678	10.	31905.4	-1006.1	768	9.8	34612.7	-1005.3	858	8.6	40516.4	-1050.7	948	9.3	42553.2	-1046.5
679	8.4	31944.9	-1001.7	769	9.6	34617.4	-1009.6	859	10.	40527.3	-1048.9	949	9.1	42559.6	-1039.4
680	9.6	32006.7	-1023.8	770	9.5	34623.5	-1024.5	860	8.3	40540.0	-1056.7	950	10.	42605.0	-1035.6
681	9.3	32124.2	-1001.6	771	7.8	34629.4	-1058.7	861	9.8	40550.6	-1000.3	951	8.9	42609.8	-1008.7
682	9.7	32145.0	-1045.2	772	9.5	34719.9	-1042.6	862	9.5	40552.6	-1032.8	952	9.4	42629.5	-1032.8
683	8.3	32150.4	-1040.7	773	9.5	34720.3	-1019.1	863	7.7	40635.5	-1045.2	953	9.5	42648.1	-1024.7
684	9.2	32151.3	-1009.0	774	8.5	34720.8	-1051.5	864	9.3	40657.3	-1015.8	954	9.6	42705.2	-1042.2
685	9.3	32202.1	-1052.9	775	9.5	34724.4	-1044.0	865	9.8	40713.6	-1002.1	955	9.6	42708.5	-1034.1
686	10.	32202.2	-1025.2	776	9.3	34726.7	-1023.9	866	10.	40725.4	-1020.7	956	9.8	42719.1	-1005.6
687	9.1	32203.3	-1052.3	777	9.3	34748.4	-1007.7	867	4.8	40730.0	-1037.4	957	8.9	42742.4	-1053.7
688	9.4	32235.7	-1017.6	778	9.1	34813.3	-1036.4	868	10.	40732.3	-1022.5	958	8.2	42818.4	-1002.3
689	10.	32300.6	-1054.5	779	9.4	34817.8	-1000.2	869	9.9	40733.7	-1040.0	959	7.3	42819.2	-1002.3
690	9.4	32333.7	-1002.6	780	9.8	34821.3	-1034.2	870	9.8	40734.9	-1044.0	960	9.8	42848.2	-1036.1
691	6.8	32341.0	-1013.9	781	9.4	34831.8	-1036.0	871	9.6	40753.6	-1026.6	961	9.8	42848.4	-1021.1
692	9.8	32440.5	-1043.7	782	9.9	34838.9	-1037.5	872	8.1	40755.2	-1056.6	962	10.	42859.3	-1001.6
693	9.7	32458.6	-1021.1	783	8.3	34842.5	-1058.1	873	9.2	40757.4	-1042.7	963	9.3	42901.7	-1029.8
694	8.0	32614.3	-1032.3	784	9.8	34847.0	-1043.4	874	9.1	40806.1	-1001.9	964	10.	42909.6	-1047.2
695	9.2	32617.9	-1011.2	785	9.0	34904.7	-1024.4	875	9.0	40809.0	-1001.2	965	9.1	42932.5	-1017.1
696	8.6	32618.3	-1033.6	786	9.1	34906.4	-1045.5	876	9.5	40834.1	-1002.6	966	8.9	42939.3	-1032.2
697	9.1	32630.2	-1020.9	787	8.5	34914.0	-1015.4	877	9.3	40851.6	-1028.9	967	8.3	43004.6	-1011.4
698	10.	32630.7	-1000.3	788	9.6	34934.1	-1018.6	878	8.3	40858.0	-1019.5	968	8.6	43031.9	-1008.9
699	9.4	32636.8	-1005.0	789	9.3	34936.9	-1040.4	879	10.	40907.6	-1053.4	969	9.8	43041.7	-1046.6
700	9.3	32652.9	-1008.1	790	9.5	34938.4	-1041.9	880	9.6	40920.2	-1015.6	970	9.5	43117.5	-1015.8
701	9.5	32657.4	-1041.9	791	9.2	34938.6	-1005.4	881	10.	40939.1	-1052.8	971	9.1	43125.8	-1016.8

-10 971 4h31m

-10 972 4h3im

-10 1331 5h51m

972	9.0	43137.0	-1030.0	1062	9.8	45227.7	-1027.9	1152	8.5	51231.2	-1054.2	1242	9.8	53117.2	-1054.3
973	9.0	43204.9	-1058.9	1063	8.0	45234.9	-1034.5	1153	8.5	51232.2	-1054.2	1243	9.3	53134.4	-1052.2
974	9.8	43231.7	-1050.2	1064	9.8	45235.8	-1056.2	1154	9.3	51305.4	-1014.3	1244	9.5	53139.9	-1029.4
975	9.4	43236.4	-1037.4	1065	8.8	45246.9	-1032.5	1155	9.1	51309.3	-1058.1	1245	10.	53146.3	-1049.0
976	10.	43237.6	-1017.2	1066	5.5	45258.7	-1028.7	1156	8.8	51312.3	-1009.0	1246	9.4	53207.3	-1059.4
977	8.4	43256.2	-1059.2	1067	9.5	45305.0	-1059.7	1157	9.7	51318.9	-1036.3	1247	9.5	53209.4	-1052.2
978	9.2	43256.8	-1027.3	1068	9.2	45314.6	-1035.1	1158	9.5	51320.8	-1034.1	1248	9.5	53222.8	-1023.6
979	9.5	43325.5	-1014.7	1069	9.1	45317.8	-1055.8	1159	8.7	51349.9	-1040.8	1249	10.	53237.8	-1021.7
980	8.8	43340.1	-1055.4	1070	9.4	45336.8	-1004.4	1160	9.3	51407.1	-1050.5	1250	9.2	53243.5	-1039.6
981	9.0	43340.6	-1042.2	1071	8.8	45418.8	-1004.9	1161	9.0	51414.2	-1030.4	1251	9.2	53254.8	-1024.0
982	8.8	43354.7	-1047.8	1072	9.5	45423.2	-1013.5	1162	9.5	51426.0	-1043.4	1252	9.2	53308.8	-1000.2
983	9.0	43359.2	-1021.2	1073	8.0	45438.3	-1051.9	1163	9.0	51443.4	-1011.7	1253	9.5	53311.8	-1019.9
984	10.	43406.1	-1014.2	1074	9.9	45440.5	-1040.1	1164	9.3	51444.3	-1009.0	1254	9.5	53316.3	-1049.4
985	9.3	43408.3	-1028.5	1075	9.5	45506.5	-1014.5	1165	9.5	51526.9	-1040.2	1255	8.5	53341.0	-1031.0
986	9.7	43449.4	-1005.9	1076	9.3	45556.6	-1041.8	1166	9.4	51549.1	-1058.7	1256	9.0	53342.7	-1016.7
987	10.	43514.0	-1007.6	1077	9.8	45618.6	-1041.4	1167	10.	51552.4	-1005.0	1257	9.0	53349.9	-1027.0
988	10.	43519.1	-1034.7	1078	10.	45636.4	-1009.0	1168	9.0	51553.5	-1037.8	1258	7.0	53355.9	-1029.2
989	10.	43520.9	-1008.7	1079	9.5	45652.8	-1045.9	1169	8.9	51554.5	-1042.4	1259	9.7	53359.5	-1058.9
990	10.	43522.3	-1034.0	1080	9.2	45656.9	-1035.6	1170	9.4	51557.6	-1050.9	1260	9.3	53400.2	-1043.0
991	9.4	43623.3	-1028.2	1081	9.3	45658.4	-1047.0	1171	9.6	51606.9	-1038.6	1261	9.5	53434.8	-1023.9
992	9.5	43650.1	-1037.6	1082	9.5	45702.5	-1028.7	1172	9.3	51615.5	-1054.5	1262	9.3	53440.9	-1029.3
993	8.0	43654.7	-1057.5	1083	7.5	45709.2	-1050.8	1173	9.0	51635.0	-1044.6	1263	9.5	53451.3	-1047.6
994	8.5	43657.9	-1024.7	1084	9.9	45716.3	-1002.0	1174	8.0	51643.8	-1033.4	1264	10.	53506.5	-1012.3
995	9.6	43658.4	-1005.0	1085	9.2	45730.0	-1020.9	1175	9.0	51700.3	-1008.0	1265	7.3	53544.6	-1042.0
996	9.2	43705.0	-1054.1	1086	8.6	45736.6	-1044.8	1176	9.5	51730.5	-1018.7	1266	8.9	53546.1	-1026.7
997	9.6	43710.3	-1059.1	1087	8.5	45800.5	-1043.5	1177	9.3	51731.2	-1029.4	1267	9.7	53554.2	-1029.1
998	9.0	43713.0	-1020.2	1088	9.8	45812.5	-1011.7	1178	6.3	51810.7	-1028.1	1268	9.4	53602.8	-1033.4
999	8.5	43731.6	-1012.9	1089	9.5	45836.0	-1057.1	1179	9.0	51818.2	-1004.4	1269	9.0	53628.7	-1047.1
1000	9.4	43733.3	-1031.1	1090	8.5	45837.1	-1001.6	1180	9.5	51828.0	-1056.8	1270	10.	53707.3	-1058.0
1001	9.9	43753.9	-1055.0	1091	9.3	45848.6	-1043.9	1181	9.7	51828.1	-1000.0	1271	7.0	53726.3	-1004.8
1002	9.1	43807.8	-1009.7	1092	9.5	45858.8	-1005.9	1182	10.	51844.9	-1020.6	1272	9.3	53821.7	-1002.2
1003	9.8	43816.4	-1052.5	1093	8.8	45907.4	-1019.3	1183	10.	51852.9	-1010.2	1273	9.0	53836.2	-1057.4
1004	9.6	43829.4	-1003.3	1094	9.2	45910.3	-1029.8	1184	10.	51900.0	-1020.4	1274	8.0	53842.1	-1049.5
1005	10.	43841.9	-1056.2	1095	9.0	45920.6	-1005.9	1185	8.5	51901.6	-1024.9	1275	9.0	53908.9	-1044.5
1006	8.7	43918.9	-1029.7	1096	7.9	45920.8	-1037.2	1186	8.0	51915.3	-1053.0	1276	10.	53929.8	-1007.3
1007	9.1	43922.6	-1006.8	1097	9.3	45923.6	-1038.0	1187	10.	51928.1	-1042.3	1277	9.3	53934.2	-1058.0
1008	9.5	43935.2	-1016.2	1098	9.6	45949.6	-1036.0	1188	10.	51928.7	-1018.8	1278	9.0	53954.1	-1054.0
1009	9.5	43950.8	-1015.8	1099	8.8	45957.1	-1003.2	1189	10.	51933.3	-1006.1	1279	8.0	54017.8	-1040.4
1010	9.5	43953.0	-1042.7	1100	9.5	50040.1	-1054.5	1190	10.	52010.6	-1020.4	1280	9.5	54033.6	-1002.5
1011	9.3	44027.5	-1024.0	1101	8.5	50052.1	-1003.6	1191	9.5	52024.0	-1044.1	1281	6.5	54037.7	-1035.5
1012	9.0	44029.9	-1045.2	1102	9.5	50115.7	-1041.1	1192	8.5	52028.2	-1049.2	1282	9.3	54058.9	-1039.1
1013	8.9	44056.4	-1058.1	1103	9.5	50123.8	-1038.5	1193	9.0	52037.3	-1005.2	1283	9.3	54111.1	-1014.5
1014	9.3	44104.8	-1041.3	1104	9.0	50140.0	-1048.3	1194	8.8	52058.6	-1017.3	1284	9.3	54139.7	-1035.5
1015	9.2	44111.0	-1047.5	1105	9.4	50150.0	-1000.6	1195	9.7	52109.4	-1007.6	1285	8.5	54152.3	-1019.0
1016	8.4	44112.2	-1051.1	1106	9.3	50208.6	-1028.1	1196	8.8	52142.0	-1036.8	1286	9.0	54202.0	-1012.3
1017	9.5	44114.4	-1010.3	1107	10.	50217.6	-1027.6	1197	10.	52157.3	-1050.6	1287	9.5	54213.0	-1048.4
1018	9.8	44157.3	-1025.2	1108	9.2	50300.4	-1041.9	1198	10.	52210.9	-1033.6	1288	9.7	54222.6	-1053.7
1019	9.0	44228.5	-1050.0	1109	9.5	50317.0	-1035.8	1199	9.3	52215.2	-1048.8	1289	9.0	54225.3	-1021.2
1020	9.3	44229.4	-1043.1	1110	9.5	50323.9	-1046.1	1200	9.5	52224.6	-1016.3	1290	10.	54305.3	-1000.2
1021	9.0	44235.1	-1051.3	1111	9.5	50339.3	-1012.6	1201	10.	52258.6	-1018.1	1291	10.	54309.0	-1034.5
1022	10.	44237.5	-1035.5	1112	9.4	50345.2	-1008.1	1202	8.4	52258.8	-1002.9	1292	9.4	54314.8	-1007.1
1023	9.5	44257.2	-1008.8	1113	9.2	50347.9	-1018.3	1203	9.0	52323.7	-1022.1	1293	9.3	54322.9	-1059.9
1024	8.9	44319.1	-1031.6	1114	9.4	50408.3	-1057.1	1204	7.0	52407.5	-1011.3	1294	9.4	54336.6	-1000.9
1025	9.5	44335.2	-1004.4	1115	10.	50410.0	-1037.8	1205	9.5	52414.0	-1056.1	1295	9.2	54400.2	-1015.0
1026	8.3	44414.5	-1001.5	1116	9.8	50431.0	-1036.0	1206	9.8	52423.1	-1017.5	1296	10.	54406.5	-1027.5
1027	9.3	44440.3	-1040.6	1117	9.0	50436.3	-1011.1	1207	9.5	52426.0	-1035.4	1297	9.4	54417.0	-1010.5
1028	7.2	44447.7	-1032.3	1118	9.8	50443.1	-1045.9	1208	9.4	52438.5	-1012.6	1298	9.5	54421.0	-1042.2
1029	9.5	44457.4	-1043.0	1119	8.3	50445.1	-1058.5	1209	9.0	52451.0	-1039.8	1299	9.5	54431.9	-1002.7
1030	9.7	44502.6	-1029.4	1120	8.0	50445.7	-1033.8	1210	8.5	52509.4	-1006.8	1300	8.8	54433.9	-1003.3
1031	9.6	44537.6	-1030.2	1121	9.4	50455.0	-1044.8	1211	9.5	52519.0	-1038.1	1301	9.3	54452.5	-1025.9
1032	7.8	44543.4	-1044.1	1122	10.	50501.6	-1044.8	1212	9.5	52531.9	-1033.7	1302	9.6	54453.1	-1059.4
1033	9.2	44551.5	-1046.6	1123	9.8	50517.2	-1044.6	1213	10.	52536.5	-1011.8	1303	8.0	54456.1	-1028.6
1034	9.9	44619.4	-1053.8	1124	9.5	50535.9	-1044.1	1214	9.0	52558.9	-1032.2	1304	9.5	54500.9	-1038.0
1035	9.6	44631.6	-1055.5	1125	9.0	50631.0	-1048.5	1215	8.0	52613.0	-1035.3	1305	9.0	54505.0	-1007.2
1036	9.1	44644.0	-1045.6	1126	9.3	50641.7	-1049.4	1216	9.5	52622.2	-1001.0	1306	9.5	54605.0	-1040.3
1037	9.8	44646.2	-1018.8	1127	10.	50644.2	-1035.6	1217	9.3	52638.3	-1022.8	1307	10.	54617.0	-1045.2
1038	9.1	44657.6	-1052.9	1128	9.5	50657.4	-1017.4	1218	9.3	52653.7	-1057.5	1308	9.0	54627.0	-1042.9
1039	9.6	44707.3	-1008.6	1129	9.0	50707.7	-1033.5	1219	10.	52721.2	-1049.6	1309	8.5	54637.0	-1042.9
1040	9.1	44740.8	-1057.5	1130	9.5	50727.5	-1022.6	1220	10.	52721.7	-1046.9	1310	10.	54640.5	-1027.3
1041	9.4	44747.1	-1048.3	1131	7.5	50737.7	-1035.5	1221	8.6	52728.4	-1009.4	1311	9.5	54644.3	-1002.3
1042	8.8	44750.2	-1001.5	1132	9.7	50757.6	-1030.2	1222	9.0	52730.7	-1022.3	1312	9.5	54705.0	-1042.5
1043	8.8	44757.4	-1050.7	1133	9.7	50757.9	-1020.4	1223	10.	52732.9	-1009.3	1313	10.	54720.1	-1010.8
1044	9.4	44801.7	-1003.4	1134	9.5	50806.2	-1011.1	1224	7.5	52738.0	-1036.6	1314	10.	54721.5	-1043.8
1045	10.	44824.6	-1001.2	1135	9.2	50811.2	-1008.4	1225	9.2	52741.2	-1016.0	1315	9.5	54730.8	-1000.5
1046	9.1	44833.9	-1038.9	1136	9.5	50815.3	-1012.1	1226	9.5	52748.0	-1011.3	1316	9.6	54808.4	-1009.4
1047	8.7	44837.5	-1018.3	1137	9.4	50839.9	-1011.1	1227	9.7	52754.8	-1058.7	1317	9.6	54816.5	-1001.7
1048	10.	44842.4	-1051.3	1138	10.	50851.8	-1008.2	1228	8.5	52759.7	-1000.5	1318	9.0	54853.8	-1053.2
1049	10.	44855.2	-1012.8	1139	9.0	50857.3	-1030.8	1229	9.7	52830.6	-1017.9	1319	9.0	54912.0	-1007.5
1050	8.9	44912.5	-1023.6	1140	9.0	50918.6	-1024.8	1230	9.0	52847.5	-1013.8	1320	9.2	54943.6	-1038.8
1051	9.3	44926.4	-1001.0	1141	9.5	50937.1	-1058.3	1231	9.0	52851.5	-1039.7	1321	8.0	54944.9	-1039.7
1052	9.7	44945.2	-1018.6	1142	10.	51028.1	-1001.1	1232	9.3	52904.3	-1003.1	1322	9.1	54949.5	-1043.4
1053	9.0	44956.7	-1004.7	1143	9.5	51030.8	-1033.7	1233	10.	52919.9	-1026.3	1323	9.0	55002.0	-1008.5
1054	9.2	45002.9	-1038.7	1144	9.0	51054.1	-1050.7	1234	9.0	52936.4	-1003.5	1324	10.	55005.2	-1051.4
1055	9.8	45038.1	-1022.3	1145	9.5	51106.9	-1040.4	1235	8.5	52949.1	-1036.2	1325	7.8	55015.3	-1052.6
1056	9.0	45051.9	-1039.2	1146	9.3	51129.8	-1008.7	1236	9.0	52952.8	-1022.7	1326	9.5	55038.0	-1037.9
1057	9.6	45103.7	-1040.6	1147	9.5	51142.9	-1046.9	1237	10.	53000.8	-1022.7	1327	9.0	55040.2	-1050.4
1058	9.0	45118.2	-1028.7	1148	9.6	51147.1	-1051.4	1238	9.0	53007.5	-1010.2	1328	9.5	55049.1	-1005.6
1059	9.5	45128.1	-1014.5	1149	8.4	51150.8	-1040.4	1239	10.	53025.7	-1018.2	1329	9.2	55059.6	-1006.9
1060	9.5	45146.7	-1031.2	1150	8.5	51208.4	-1014.9	1240	8.0	53045.9	-1029.4	1330	10.	55128.6	-1030.8
1061	9.1	45217.4	-1024.3	1151	9.5	51227.7	-1029.2	1241	9.0	53103.5	-1010.7	1331	8.5	55132.3	-1053.6

-10 1332 5h51m

-10 1691 6h40m

1332	8.0	55143.3	-1051.8	1422	10.	60615.8	-1051.2	1512	8.9	61823.0	-1013.1	1602	9.0	62923.1	-1043.2
1333	9.1	55215.6	-1028.9	1423	7.8	60629.5	-1036.4	1513	9.4	61823.4	-1013.2	1603	9.5	62935.5	-1058.5
1334	9.5	55219.3	-1053.5	1424	9.0	60631.0	-1017.6	1514	9.7	61826.6	-1025.0	1604	9.1	62949.3	-1051.2
1335	9.2	55230.1	-1045.0	1425	9.9	60633.5	-1056.7	1515	7.8	61827.4	-1052.0	1605	9.8	63011.2	-1057.0
1336	9.4	55253.9	-1056.1	1426	8.7	60647.7	-1046.7	1516	9.1	61834.3	-1033.5	1606	8.8	63013.2	-1045.8
1337	9.2	55312.7	-1033.3	1427	9.4	60649.1	-1040.6	1517	9.5	61849.1	-1009.1	1607	10.	63014.0	-1014.2
1338	9.8	55315.3	-1019.9	1428	9.1	60701.7	-1046.5	1518	10.	61850.7	-1022.1	1608	9.2	63041.1	-1046.7
1339	9.4	55322.6	-1027.5	1429	10.	60717.3	-1031.5	1519	10.	61856.8	-1007.5	1609	9.5	63048.5	-1007.8
1340	10.	55331.1	-1030.3	1430	10.	60719.0	-1015.0	1520	10.	61902.5	-1023.0	1610	9.0	63049.0	-1002.0
1341	8.5	55350.8	-1002.0	1431	8.5	60729.5	-1001.8	1521	9.3	61908.6	-1004.3	1611	9.7	63055.7	-1038.1
1342	9.5	55351.0	-1037.7	1432	10.	60748.4	-1019.6	1522	9.4	61916.7	-1047.8	1612	9.6	63058.7	-1000.7
1343	8.8	55353.1	-1011.3	1433	9.8	60750.6	-1033.8	1523	9.5	61938.6	-1042.9	1613	9.7	63104.2	-1045.1
1344	8.5	55410.9	-1003.7	1434	9.0	60755.5	-1011.1	1524	9.8	61941.7	-1026.8	1614	9.8	63118.6	-1024.6
1345	9.0	55428.0	-1041.2	1435	10.	60757.9	-1052.3	1525	9.5	62001.8	-1047.5	1615	9.8	63122.5	-1053.2
1346	9.3	55428.8	-1001.1	1436	9.7	60805.8	-1016.8	1526	9.7	62006.5	-1020.5	1616	10.	63140.3	-1016.0
1347	9.0	55432.0	-1008.3	1437	9.8	60815.4	-1013.7	1527	9.8	62009.0	-1035.9	1617	10.	63147.6	-1023.5
1348	9.3	55434.9	-1004.7	1438	9.4	60827.0	-1006.3	1528	9.3	62012.1	-1039.2	1618	9.8	63148.1	-1020.4
1349	5.6	55501.8	-1035.9	1439	10.	60832.3	-1058.5	1529	9.8	62019.2	-1002.1	1619	9.8	63155.5	-1038.0
1350	9.5	55514.2	-1016.3	1440	9.4	60832.9	-1037.0	1530	10.	62033.7	-1009.5	1620	9.8	63203.7	-1016.9
1351	9.5	55523.4	-1001.7	1441	9.3	60842.2	-1048.6	1531	9.8	62035.2	-1047.8	1621	10.	63213.0	-1036.0
1352	9.0	55525.0	-1044.0	1442	9.6	60849.1	-1059.8	1532	9.2	62044.6	-1040.2	1622	9.4	63240.9	-1037.9
1353	9.6	55526.6	-1001.7	1443	8.4	60856.7	-1047.5	1533	9.1	62107.5	-1023.1	1623	9.4	63243.2	-1041.0
1354	9.6	55545.0	-1006.9	1444	9.0	60908.2	-1012.9	1534	9.4	62108.6	-1005.6	1624	8.8	63245.8	-1045.7
1355	9.0	55546.4	-1025.6	1445	8.9	60909.1	-1007.2	1535	9.4	62115.7	-1033.4	1625	10.	63246.4	-1036.0
1356	10.	55602.4	-1057.0	1446	9.9	60933.6	-1039.8	1536	9.2	62131.5	-1002.7	1626	9.0	63250.1	-1040.9
1357	9.5	55612.5	-1008.2	1447	10.	60941.7	-1026.9	1537	9.5	62136.5	-1056.9	1627	9.4	63252.0	-1027.2
1358	9.2	55630.0	-1041.2	1448	8.4	60958.2	-1001.2	1538	9.7	62136.9	-1028.7	1628	9.2	63253.0	-1027.9
1359	9.5	55700.4	-1021.6	1449	9.6	60959.9	-1053.7	1539	9.8	62137.7	-1026.2	1629	10.	63253.5	-1002.4
1360	9.5	55706.8	-1001.5	1450	9.1	61011.4	-1052.3	1540	9.5	62141.2	-1059.1	1630	9.7	63309.1	-1024.1
1361	8.5	55741.8	-1002.8	1451	10.	61020.1	-1010.6	1541	9.0	62144.1	-1019.3	1631	8.4	63315.0	-1011.5
1362	10.	55749.1	-1029.1	1452	9.0	61031.6	-1040.0	1542	9.5	62150.0	-1056.4	1632	9.1	63317.3	-1004.7
1363	9.4	55757.8	-1039.0	1453	9.6	61035.6	-1011.5	1543	9.0	62152.8	-1008.2	1633	9.2	63326.0	-1029.6
1364	9.0	55805.6	-1034.1	1454	9.6	61041.7	-1046.0	1544	9.1	62153.8	-1015.0	1634	9.4	63326.6	-1048.2
1365	9.0	55812.3	-1017.1	1455	7.0	61045.8	-1040.0	1545	9.2	62154.3	-1033.9	1635	9.2	63336.2	-1046.0
1366	9.2	55815.5	-1059.1	1456	9.5	61045.8	-1005.8	1546	8.5	62210.6	-1015.0	1636	9.8	63341.4	-1054.5
1367	9.2	55833.0	-1038.1	1457	10.	61052.3	-1014.5	1547	8.8	62229.4	-1020.1	1637	10.	63346.0	-1036.8
1368	6.2	55836.2	-1013.9	1458	9.4	61058.0	-1035.9	1548	9.1	62248.9	-1051.2	1638	8.7	63353.6	-1041.5
1369	10.	55856.0	-1021.2	1459	9.2	61104.6	-1025.6	1549	9.7	62254.6	-1042.4	1639	9.7	63401.9	-1046.4
1370	9.9	55901.0	-1039.3	1460	9.4	61115.5	-1056.6	1550	9.1	62259.3	-1051.0	1640	9.2	63404.7	-1026.3
1371	10.	55903.0	-1039.3	1461	8.7	61116.2	-1011.1	1551	9.0	62309.6	-1043.7	1641	8.8	63405.2	-1000.3
1372	9.0	55905.1	-1011.6	1462	9.5	61122.8	-1055.0	1552	8.3	62318.5	-1039.2	1642	9.0	63409.4	-1014.1
1373	10.	55923.8	-1034.9	1463	9.1	61127.6	-1008.7	1553	9.3	62328.1	-1003.9	1643	9.7	63428.1	-1050.0
1374	8.5	55925.3	-1052.3	1464	9.5	61141.8	-1050.3	1554	9.1	62333.7	-1025.8	1644	9.3	63430.7	-1018.4
1375	10.	55948.0	-1009.8	1465	9.4	61148.5	-1020.4	1555	8.6	62335.8	-1029.4	1645	9.6	63437.2	-1036.2
1376	9.5	55956.1	-1028.1	1466	9.5	61151.8	-1010.8	1556	9.1	62351.4	-1053.0	1646	9.3	63438.7	-1053.1
1377	9.0	55957.2	-1015.2	1467	8.9	61152.9	-1019.2	1557	8.6	62422.8	-1019.1	1647	9.8	63439.8	-1017.9
1378	10.	60016.5	-1051.7	1468	9.0	61157.6	-1013.1	1558	10.	62424.9	-1023.1	1648	10.	63509.8	-1012.1
1379	9.5	60016.8	-1035.7	1469	9.8	61210.2	-1029.7	1559	8.9	62432.9	-1054.9	1649	9.0	63520.7	-1006.5
1380	10.	60033.5	-1059.3	1470	0.	61213.1	-1023.5	1560	10.	62433.2	-1043.8	1650	9.4	63521.3	-1002.8
1381	9.5	60049.0	-1041.9	1471	9.5	61230.7	-1048.9	1561	10.	62445.6	-1059.0	1651	8.9	63523.3	-1022.2
1382	9.3	60052.0	-1038.8	1472	9.8	61244.7	-1011.4	1562	10.	62451.6	-1038.5	1652	9.7	63524.2	-1036.7
1383	9.5	60104.2	-1015.2	1473	9.8	61247.7	-1028.3	1563	9.8	62455.1	-1025.0	1653	10.	63530.2	-1018.4
1384	9.7	60105.4	-1021.5	1474	10.	61256.2	-1044.0	1564	9.8	62501.5	-1055.8	1654	9.1	63538.5	-1009.7
1385	10.	60109.9	-1049.6	1475	9.2	61306.0	-1040.0	1565	9.3	62501.7	-1014.7	1655	7.8	63548.0	-1036.2
1386	7.8	60119.7	-1033.0	1476	8.5	61309.4	-1034.6	1566	9.5	62509.0	-1038.3	1656	9.3	63550.7	-1019.4
1387	9.3	60120.5	-1007.3	1477	9.3	61313.9	-1000.4	1567	10.	62512.6	-1037.9	1657	9.5	63557.9	-1042.6
1388	9.5	60123.3	-1049.4	1478	9.9	61320.0	-1045.8	1568	10.	62539.7	-1006.3	1658	9.8	63559.2	-1002.0
1389	8.5	60126.5	-1025.8	1479	8.0	61325.5	-1040.0	1569	10.	62553.8	-1006.1	1659	9.4	63602.3	-1032.0
1390	9.5	60128.4	-1034.7	1480	9.1	61326.1	-1032.4	1570	9.3	62554.4	-1051.4	1660	9.5	63604.9	-1050.1
1391	9.0	60156.5	-1058.4	1481	7.3	61328.3	-1049.2	1571	9.7	62611.0	-1053.9	1661	9.5	63626.0	-1009.0
1392	9.5	60159.4	-1022.2	1482	10.	61331.4	-1020.1	1572	8.8	62612.1	-1055.4	1662	9.0	63628.3	-1055.9
1393	9.0	60215.6	-1030.7	1483	8.7	61333.0	-1022.0	1573	10.	62629.9	-1032.4	1663	8.8	63630.7	-1024.5
1394	8.5	60221.0	-1009.7	1484	9.2	61337.5	-1023.1	1574	9.0	62642.7	-1016.2	1664	9.5	63638.1	-1040.7
1395	9.0	60222.6	-1045.0	1485	8.6	61345.9	-1001.8	1575	9.2	62642.8	-1039.6	1665	9.1	63641.6	-1010.6
1396	9.5	60226.9	-1006.1	1486	9.4	61405.8	-1033.6	1576	9.4	62652.5	-1018.9	1666	9.3	63643.7	-1048.3
1397	10.	60233.9	-1031.2	1487	9.8	61406.2	-1027.0	1577	9.8	62658.8	-1013.9	1667	9.2	63649.1	-1019.9
1398	10.	60239.4	-1055.8	1488	9.0	61408.2	-1029.1	1578	9.7	62702.8	-1053.9	1668	9.8	63716.0	-1037.2
1399	9.3	60254.4	-1023.1	1489	9.0	61409.3	-1031.5	1579	9.4	62706.7	-1051.4	1669	8.3	63720.9	-1051.0
1400	9.5	60256.4	-1003.5	1490	10.	61431.7	-1002.5	1580	8.8	62711.0	-1037.2	1670	9.0	63725.1	-1019.1
1401	9.0	60300.1	-1010.6	1491	8.5	61432.6	-1027.6	1581	9.8	62718.2	-1059.6	1671	9.0	63725.3	-1037.8
1402	9.0	60327.6	-1024.9	1492	9.7	61435.4	-1002.4	1582	9.6	62720.2	-1043.9	1672	8.3	63729.6	-1059.2
1403	9.7	60348.2	-1011.6	1493	8.5	61455.0	-1003.5	1583	9.1	62723.3	-1051.9	1673	10.	63747.7	-1058.6
1404	9.0	60353.2	-1030.2	1494	10.	61505.1	-1009.5	1584	9.1	62724.6	-1045.7	1674	9.0	63753.4	-1030.8
1405	10.	60402.1	-1039.1	1495	9.1	61511.6	-1025.7	1585	9.7	62725.0	-1013.9	1675	9.8	63818.2	-1052.9
1406	9.5	60409.5	-1020.8	1496	9.7	61532.8	-1021.8	1586	9.7	62728.9	-1006.5	1676	10.	63827.1	-1002.2
1407	8.5	60413.2	-1044.9	1497	9.5	61545.4	-1036.5	1587	9.4	62731.0	-1020.7	1677	9.2	63827.4	-1057.9
1408	9.5	60419.2	-1046.2	1498	9.8	61552.2	-1030.5	1588	9.5	62731.8	-1011.5	1678	9.0	63830.1	-1041.5
1409	9.8	60433.0	-1038.7	1499	9.0	61610.6	-1025.2	1589	9.4	62737.6	-1020.7	1679	9.3	63842.5	-1037.7
1410	9.4	60441.8	-1035.1	1500	9.2	61615.5	-1035.9	1590	10.	62738.2	-1047.5	1680	10.	63853.9	-1005.5
1411	7.3	60450.7	-1013.0	1501	8.9	61638.8	-1041.8	1591	9.6	62752.3	-1016.6	1681	9.3	63854.7	-1036.4
1412	10.	60510.6	-1009.6	1502	10.	61639.0	-1047.4	1592	9.4	62815.5	-1000.4	1682	9.0	63855.3	-1029.5
1413	9.0	60513.3	-1050.3	1503	10.	61653.3	-1032.2	1593	9.4	62827.6	-1010.8	1683	9.1	63918.4	-1008.8
1414	9.2	60527.7	-1028.9	1504	8.7	61709.6	-1037.7	1594	9.5	62827.9	-1015.0	1684	10.	63924.7	-1043.1
1415	10.	60535.9	-1020.1	1505	9.1	61711.2	-1003.7	1595	8.6	62834.7	-1028.3	1685	9.8	63930.4	-1010.7
1416	7.8	60537.6	-1027.5	1506	9.8	61731.4	-1017.3	1596	9.5	62850.1	-1007.9	1686	9.5	63938.3	-1015.8
1417	9.7	60540.4	-1018.7	1507	9.4	61733.8	-1020.7	1597	9.8	62855.4	-1032.2	1687	9.2	63950.5	-1019.6
1418	9.4	60559.8	-1032.4	1508	8.7	61750.7	-1028.2	1598	8.7	62856.0	-1020.3	1688	9.4	63959.9	-1050.2
1419	7.5	60600.3	-1015.7	1509	9.8	61756.9	-1029.1	1599	8.5	62901.4	-1051.7	1689	9.0	64006.7	-1001.0
1420	9.8	60605.1	-1031.1	1510	8.8	61802.8	-1020.9	1600	9.8	62902.9	-1046.0	1690	9.0	64020.0	-1034.9
1421	10.	60607.0	-1002.3	1511	9.8	61812.1	-1042.3	1601	9.2	62905.9	-1012.6	1691	10.	64022.7	-1015.0

1692	9.4	64024.8	-1047.9	1782	9.9	65052.0	-1040.8	1872	9.6	65952.8	-1037.6	1962	9.5	71010.9	-1020.0
1693	9.3	64027.9	-1015.3	1783	9.3	65054.3	-1052.2	1873	9.3	70000.4	-1007.5	1963	9.0	71013.8	-1000.2
1694	10.	64029.8	-1006.0	1784	9.3	65057.2	-1052.9	1874	10.	70032.8	-1002.7	1964	9.1	71020.7	-1004.3
1695	9.3	64033.3	-1051.1	1785	9.8	65104.1	-1048.1	1875	9.8	70034.0	-1020.5	1965	10.	71023.8	-1002.7
1696	10.	64043.6	-1014.1	1786	7.3	65108.4	-1035.4	1876	10.	70038.3	-1003.5	1966	9.5	71040.7	-1013.5
1697	9.0	64045.0	-1053.1	1787	6.5	65116.9	-1007.8	1877	9.3	70040.7	-1055.6	1967	9.4	71050.2	-1015.7
1698	9.4	64049.5	-1052.8	1788	9.1	65128.4	-1046.0	1878	9.8	70049.4	-1027.0	1968	9.4	71103.2	-1056.8
1699	9.8	64051.5	-1040.7	1789	8.7	65136.3	-1027.4	1879	9.4	70100.0	-1035.4	1969	9.2	71107.1	-1011.1
1700	9.7	64101.3	-1036.9	1790	9.5	65138.0	-1008.7	1880	9.0	70100.3	-1007.5	1970	9.5	71114.1	-1056.6
1701	10.	64102.0	-1045.5	1791	8.9	65149.6	-1054.1	1881	9.8	70107.4	-1055.8	1971	8.5	71116.1	-1023.9
1702	7.8	64109.3	-1056.8	1792	9.3	65204.1	-1023.5	1882	9.7	70108.8	-1024.0	1972	9.4	71117.5	-1059.0
1703	10.	64114.6	-1051.6	1793	8.5	65206.0	-1002.4	1883	9.8	70116.5	-1023.0	1973	9.8	71122.3	-1011.5
1704	9.8	64130.0	-1027.4	1794	9.6	65210.4	-1041.1	1884	9.3	70120.4	-1021.0	1974	8.8	71124.0	-1043.2
1705	9.8	64130.8	-1023.3	1795	8.5	65216.4	-1035.5	1885	8.5	70124.4	-1033.8	1975	9.7	71137.2	-1020.4
1706	9.5	64132.4	-1057.1	1796	9.3	65221.3	-1031.0	1886	8.4	70125.1	-1004.4	1976	8.7	71141.1	-1055.9
1707	9.0	64140.4	-1055.6	1797	10.	65224.8	-1015.8	1887	8.7	70126.9	-1023.1	1977	9.2	71205.9	-1059.1
1708	9.2	64143.7	-1009.8	1798	9.6	65233.5	-1017.3	1888	9.1	70150.1	-1004.6	1978	9.3	71209.6	-1013.2
1709	8.3	64144.6	-1041.2	1799	9.5	65237.8	-1057.5	1889	9.0	70202.7	-1057.1	1979	9.3	71209.7	-1023.8
1710	9.8	64202.3	-1026.0	1800	9.6	65240.0	-1016.7	1890	8.8	70213.3	-1001.9	1980	9.5	71215.3	-1006.8
1711	9.4	64212.5	-1058.2	1801	9.7	65242.5	-1031.8	1891	9.8	70216.4	-1016.8	1981	9.8	71221.0	-1055.0
1712	9.3	64212.9	-1059.0	1802	9.3	65254.3	-1057.3	1892	6.8	70228.2	-1006.8	1982	9.5	71221.9	-1027.2
1713	9.8	64236.4	-1047.6	1803	9.5	65258.6	-1038.2	1893	9.5	70228.7	-1019.0	1983	8.9	71226.5	-1039.0
1714	10.	64252.2	-1012.7	1804	8.9	65303.6	-1004.8	1894	8.9	70229.8	-1025.8	1984	9.0	71229.3	-1033.6
1715	9.8	64259.8	-1020.2	1805	10.	65326.0	-1053.2	1895	9.5	70236.0	-1048.0	1985	8.7	71231.8	-1015.2
1716	10.	64302.1	-1008.6	1806	10.	65326.0	-1055.7	1896	9.8	70242.3	-1052.6	1986	9.2	71233.6	-1056.3
1717	9.7	64302.9	-1033.9	1807	9.8	65331.2	-1056.9	1897	8.8	70248.1	-1048.3	1987	9.4	71234.6	-1017.7
1718	9.5	64324.7	-1027.4	1808	9.8	65336.8	-1003.3	1898	9.4	70302.5	-1023.2	1988	9.3	71234.6	-1013..
1719	9.8	64339.9	-1047.4	1809	9.7	65338.2	-1040.1	1899	9.4	70324.1	-1046.7	1989	9.7	71241.4	-1010.0
1720	9.3	64345.5	-1018.1	1810	9.5	65339.5	-1049.3	1900	8.0	70326.9	-1053.2	1990	9.4	71301.2	-1059..
1721	9.7	64347.3	-1010.3	1811	9.5	65417.5	-1015.0	1901	9.8	70327.1	-1023.7	1991	9.0	71304.0	-1002..
1722	9.0	64349.7	-1040.7	1812	9.9	65425.6	-1052.1	1902	9.8	70349.6	-1019.0	1992	9.5	71319.5	-1042.0
1723	9.7	64353.0	-1036.1	1813	9.4	65429.9	-1000.1	1903	9.8	70350.4	-1034.2	1993	9.7	71323.6	-1010.4
1724	8.8	64357.8	-1031.0	1814	9.3	65432.6	-1004.6	1904	9.0	70409.2	-1030.1	1994	9.5	71325.4	-1049.8
1725	10.	64410.1	-1021.4	1815	9.2	65435.6	-1031.7	1905	9.8	70415.7	-1058.6	1995	9.4	71336.5	-1037.5
1726	9.8	64411.9	-1014.9	1816	9.5	65447.5	-1047.2	1906	8.1	70424.3	-1018.3	1996	8.5	71340.7	-1058.6
1727	9.3	64420.9	-1039.4	1817	9.4	65449.9	-1026.4	1907	9.0	70425.6	-1027.9	1997	9.4	71341.5	-1050.5
1728	9.7	64423.6	-1056.2	1818	7.0	65500.4	-1041.1	1908	7.5	70428.8	-1011.6	1998	9.0	71344.7	-1041.7
1729	8.0	64431.2	-1056.9	1819	9.8	65514.6	-1023.5	1909	9.8	70447.5	-1028.6	1999	9.1	71345.7	-1017.9
1730	9.8	64438.6	-1056.7	1820	9.4	65515.8	-1052.7	1910	9.3	70454.0	-1016.5	2000	9.5	71351.4	-1012.9
1731	8.9	64438.8	-1031.0	1821	9.0	65519.5	-1058.0	1911	9.5	70457.1	-1041.5	2001	9.3	71355.1	-1020.4
1732	9.5	64449.1	-1045.5	1822	9.5	65521.0	-1004.0	1912	9.8	70459.0	-1011.8	2002	9.2	71412.3	-1036.8
1733	9.2	64455.7	-1019.6	1823	9.8	65522.3	-1023.0	1913	9.6	70514.1	-1020.7	2003	9.7	71412.3	-1018.6
1734	9.4	64508.6	-1046.3	1824	8.8	65523.4	-1028.2	1914	9.2	70526.6	-1042.8	2004	9.5	71421.3	-1026.2
1735	9.8	64519.7	-1015.4	1825	9.6	65532.2	-1011.5	1915	9.2	70526.7	-1016.2	2005	9.1	71436.0	-1004.2
1736	9.1	64520.4	-1034.5	1826	9.4	65540.5	-1030.3	1916	8.8	70537.6	-1045.1	2006	10.	71442.6	-1001.4
1737	9.0	64522.3	-1003.6	1827	9.8	65548.1	-1018.0	1917	9.9	70544.8	-1007.1	2007	9.3	71443.4	-1002.3
1738	9.3	64533.2	-1005.6	1828	9.1	65553.4	-1037.1	1918	9.2	70548.5	-1053.4	2008	9.8	71458.5	-1054.1
1739	9.0	64536.9	-1005.6	1829	9.5	65555.6	-1051.7	1919	9.8	70548.9	-1041.9	2009	9.2	71459.7	-1028.1
1740	9.6	64544.5	-1054.2	1830	9.8	65557.3	-1007.2	1920	9.8	70601.4	-1011.4	2010	9.3	71503.1	-1007.7
1741	9.0	64545.2	-1007.1	1831	9.5	65601.6	-1032.7	1921	9.5	70608.8	-1058.7	2011	9.3	71503.1	-1055.2
1742	8.7	64550.2	-1055.7	1832	8.7	65602.5	-1009.1	1922	9.8	70616.9	-1035.5	2012	9.4	71504.6	-1017.0
1743	9.0	64556.8	-1016.0	1833	8.9	65613.0	-1054.5	1923	9.5	70619.2	-1028.5	2013	9.2	71524.0	-1050.7
1744	9.3	64607.4	-1008.9	1834	8.2	65618.8	-1059.1	1924	9.3	70624.1	-1024.4	2014	9.8	71530.0	-1001.1
1745	9.8	64619.6	-1053.5	1835	9.6	65624.5	-1041.3	1925	9.0	70639.7	-1016.0	2015	9.0	71551.7	-1033.1
1746	9.8	64630.9	-1003.0	1836	8.4	65625.4	-1055.3	1926	9.2	70641.8	-1014.8	2016	9.7	71540.2	-1057.2
1747	10.	64648.1	-1009.6	1837	10.	65631.7	-1013.5	1927	10.	70702.2	-1000.1	2017	9.6	71543.2	-1058.7
1748	9.3	64654.2	-1041.3	1838	9.4	65634.1	-1009.5	1928	8.1	70708.2	-1011.8	2018	9.1	71600.3	-1011.9
1749	10.	64718.7	-1033.8	1839	9.4	65634.6	-1029.7	1929	9.8	70713.5	-1032.3	2019	8.9	71603.2	-1016.0
1750	9.5	64721.1	-1042.9	1840	10.	65635.2	-1004.3	1930	9.3	70720.9	-1012.3	2020	9.7	71617.1	-1034.4
1751	9.2	64746.9	-1020.9	1841	9.2	65646.7	-1018.7	1931	9.8	70725.2	-1022.5	2021	8.7	71620.8	-1048.7
1752	9.5	64749.8	-1000.4	1842	10.	65650.0	-1013.7	1932	9.7	70726.3	-1028.9	2022	9.2	71624.1	-1048.6
1753	9.0	64753.3	-1054.7	1843	9.5	65650.8	-1054.6	1933	6.4	70735.3	-1003.9	2023	8.9	71635.9	-1015.9
1754	9.7	64806.4	-1045.8	1844	9.5	65709.2	-1017.0	1934	9.0	70741.1	-1002.5	2024	9.4	71640.7	-1003.0
1755	9.3	64812.8	-1023.5	1845	9.8	65711.9	-1059.7	1935	9.4	70741.4	-1002.3	2025	9.2	71642.7	-1005.2
1756	7.8	64829.8	-1000.2	1846	8.6	65717.2	-1004.0	1936	9.1	70746.0	-1017.9	2026	8.9	71655.6	-1040.5
1757	8.8	64836.0	-1035.9	1847	9.6	65724.3	-1021.6	1937	9.5	70757.7	-1044.4	2027	10.	71658.0	-1052.7
1758	8.3	64841.9	-1002.9	1848	7.3	65733.6	-1014.4	1938	9.5	70803.7	-1041.4	2028	9.3	71710.0	-1011.9
1759	9.6	64848.0	-1005.2	1849	9.4	65748.2	-1055.5	1939	9.6	70811.3	-1016.3	2029	9.5	71724.1	-1040.4
1760	9.6	64857.4	-1007.5	1850	9.0	65801.8	-1018.0	1940	9.3	70827.0	-1049.0	2030	10.	71729.1	-1039.3
1761	9.1	64903.7	-1025.4	1851	9.8	65802.0	-1014.0	1941	9.5	70827.2	-1037.7	2031	9.3	71730.2	-1042.3
1762	10.	64910.2	-1056.7	1852	9.4	65814.6	-1056.6	1942	9.8	70830.5	-1031.4	2032	9.5	71732.5	-1052.6
1763	9.8	64917.4	-1032.5	1853	9.8	65817.1	-1036.9	1943	8.7	70835.6	-1038.5	2033	9.4	71823.7	-1045.6
1764	9.0	64921.1	-1000.3	1854	9.5	65818.2	-1038.2	1944	9.4	70836.4	-1009.5	2034	9.8	71840.8	-1008.0
1765	9.8	64923.3	-1039.4	1855	9.5	65820.2	-1057.7	1945	6.3	70851.2	-1020.1	2035	8.9	71845.9	-1028.7
1766	10.	64925.6	-1027.2	1856	9.1	65823.0	-1053.4	1946	9.6	70852.2	-1025.4	2036	9.5	71902.4	-1012.7
1767	9.0	64934.9	-1005.4	1857	9.1	65837.3	-1036.8	1947	9.1	70903.0	-1043.8	2037	8.6	71904.0	-1026.1
1768	9.4	64939.3	-1043.2	1858	8.8	65845.9	-1012.6	1948	9.5	70903.2	-1005.0	2038	8.4	71917.0	-1015.8
1769	9.8	64951.4	-1025.2	1859	9.3	65849.5	-1056.6	1949	9.5	70903.3	-1015.7	2039	9.8	71921.3	-1029.8
1770	9.8	64953.4	-1022.4	1860	9.8	65851.6	-1006.9	1950	9.3	70907.2	-1052.4	2040	8.6	71937.7	-1039.4
1771	8.5	65006.2	-1048.3	1861	9.5	65857.3	-1026.3	1951	9.1	70919.6	-1037.8	2041	9.8	71937.8	-1025.2
1772	9.0	65014.0	-1045.5	1862	7.0	65859.6	-1026.7	1952	9.6	70931.2	-1034.8	2042	9.8	71944.8	-1003.8
1773	8.2	65016.7	-1005.4	1863	9.3	65900.8	-1033.3	1953	9.5	70932.8	-1028.9	2043	9.3	71947.6	-1046.5
1774	7.2	65019.7	-1038.4	1864	9.5	65901.4	-1020.7	1954	9.1	70933.5	-1050.7	2044	9.6	71949.7	-1011.7
1775	9.8	65022.1	-1024.7	1865	9.2	65903.1	-1052.6	1955	9.5	70934.3	-1023.6	2045	9.5	71952.1	-1032.9
1776	9.4	65023.4	-1011.4	1866	9.5	65904.6	-1034.5	1956	9.7	70944.3	-1029.6	2046	8.7	71954.0	-1045.9
1777	9.5	65031.3	-1039.4	1867	9.0	65906.5	-1053.7	1957	10.	70947.1	-1025.6	2047	8.9	71954.1	-1013.0
1778	9.2	65032.5	-1055.6	1868	9.7	65927.0	-1012.3	1958	9.4	70957.4	-1041.2	2048	9.7	71954.8	-1015.7
1779	8.7	65032.6	-1045.1	1869	9.5	65929.4	-1007.4	1959	9.8	71005.1	-1034.0	2049	9.8	71955.3	-1008.4
1780	9.7	65043.6	-1032.8	1870	9.8	65935.7	-1058.4	1960	9.7	71009.6	-1013.4	2050	9.5	72008.8	-1028.0
1781	9.1	65043.9	-1016.1	1871	8.2	65936.2	-1000.1	1961	9.4	71010.2	-1050.2	2051	9.8	72011.0	-1016.7

-10 2052 7h20m

-10 2411 8h04m

2052	9.8	72018.4	-1022.2	2142	9.2	73153.9	-1019.1	2232	9.3	74148.4	-1037.3	2322	9.4	75251.9	-1004.4
2053	9.4	72028.9	-1047.2	2143	10.	73219.0	-1003.5	2233	9.1	74150.5	-1005.6	2323	9.4	75301.4	-1023.4
2054	9.3	72035.2	-1033.7	2144	9.5	73222.0	-1036.4	2234	9.5	74201.1	-1056.7	2324	9.5	75302.7	-1052.5
2055	8.9	72047.6	-1054.8	2145	9.8	73240.9	-1009.8	2235	9.3	74205.2	-1005.5	2325	9.5	75306.7	-1010.1
2056	9.8	72048.9	-1023.3	2146	9.7	73242.1	-1008.1	2236	8.8	74210.3	-1045.4	2326	9.8	75310.9	-1023.5
2057	9.8	72111.3	-1027.4	2147	9.8	73243.8	-1044.9	2237	6.8	74214.9	-1049.3	2327	9.4	75313.2	-1043.8
2058	9.5	72113.6	-1037.8	2148	9.4	73249.1	-1007.9	2238	9.3	74216.6	-1059.4	2328	9.5	75316.1	-1055.0
2059	8.8	72118.1	-1039.2	2149	9.1	73253.4	-1018.3	2239	7.0	74219.2	-1008.2	2329	8.8	75319.7	-1001.1
2060	9.5	72122.0	-1055.7	2150	9.5	73330.7	-1058.8	2240	9.5	74224.0	-1034.5	2330	9.0	75337.6	-1038.9
2061	8.0	72126.7	-1058.1	2151	9.5	73339.4	-1009.8	2241	9.5	74244.3	-1032.6	2331	9.5	75340.8	-1005.0
2062	9.8	72156.4	-1045.4	2152	9.5	73346.2	-1015.1	2242	9.5	74249.5	-1021.1	2332	9.0	75345.6	-1046.3
2063	9.7	72207.2	-1036.8	2153	9.1	73353.1	-1024.9	2243	9.4	74250.7	-1036.5	2333	9.8	75345.9	-1006.5
2064	9.4	72215.5	-1006.2	2154	9.3	73353.3	-1014.9	2244	9.5	74259.1	-1013.0	2334	9.7	75402.1	-1012.6
2065	9.0	72218.7	-1045.5	2155	9.1	73354.6	-1028.4	2245	9.3	74307.0	-1017.5	2335	9.5	75415.0	-1028.1
2066	9.5	72224.8	-1019.0	2156	9.6	73401.2	-1027.9	2246	9.4	74310.5	-1058.8	2336	9.5	75425.0	-1015.4
2067	5.5	72229.5	-1001.9	2157	9.8	73404.1	-1054.8	2247	9.2	74314.1	-1020.9	2337	9.3	75426.8	-1016.5
2068	9.8	72234.9	-1005.7	2158	9.4	73416.1	-1001.8	2248	9.6	74315.0	-1046.2	2338	9.8	75433.6	-1055.5
2069	9.7	72237.6	-1000.7	2159	8.7	73417.7	-1003.8	2249	9.3	74349.8	-1058.5	2339	9.5	75439.9	-1040.4
2070	9.2	72244.5	-1014.8	2160	9.8	73427.4	-1037.3	2250	9.8	74353.4	-1059.9	2340	9.8	75447.9	-1009.2
2071	9.5	72302.1	-1019.4	2161	9.6	73429.6	-1027.6	2251	9.7	74356.4	-1031.0	2341	9.4	75450.3	-1041.6
2072	8.6	72306.3	-1057.0	2162	9.0	73437.8	-1023.2	2252	9.5	74400.3	-1038.8	2342	8.8	75458.8	-1022.9
2073	9.3	72308.7	-1057.4	2163	9.6	73438.3	-1025.4	2253	6.0	74402.7	-1045.7	2343	9.7	75504.9	-1032.0
2074	9.3	72325.7	-1046.4	2164	9.9	73447.2	-1055.3	2254	9.7	74404.4	-1002.7	2344	9.5	75508.8	-1010.6
2075	9.8	72336.2	-1041.5	2165	8.2	73449.5	-1027.3	2255	9.2	74408.2	-1044.8	2345	9.8	75514.4	-1010.7
2076	9.3	72339.7	-1043.1	2166	8.8	73454.4	-1055.2	2256	9.1	74415.0	-1021.0	2346	9.4	75517.8	-1023.5
2077	9.7	72346.5	-1053.8	2167	8.8	73457.3	-1006.0	2257	8.0	74426.5	-1048.1	2347	9.7	75548.9	-1047.1
2078	9.2	72356.6	-1046.9	2168	9.2	73501.6	-1024.1	2258	9.3	74435.8	-1000.2	2348	9.8	75549.2	-1000.5
2079	8.7	72400.4	-1015.0	2169	9.3	73502.0	-1000.1	2259	9.0	74442.1	-1000.0	2349	9.3	75550.6	-1017.9
2080	9.3	72405.0	-1002.5	2170	9.3	73518.7	-1057.6	2260	9.5	74455.1	-1004.8	2350	9.4	75555.0	-1003.2
2081	9.2	72407.8	-1001.3	2171	8.6	73525.4	-1032.6	2261	9.5	74457.9	-1023.7	2351	9.0	75555.7	-1042.3
2082	9.3	72413.4	-1039.8	2172	8.4	73528.2	-1036.1	2262	9.9	74458.3	-1006.7	2352	9.3	75600.2	-1041.0
2083	9.8	72420.9	-1021.7	2173	9.8	73545.6	-1036.7	2263	7.8	74503.8	-1039.4	2353	9.8	75610.8	-1003.7
2084	9.8	72426.1	-1053.8	2174	9.9	73554.4	-1001.7	2264	9.3	74514.8	-1028.7	2354	9.4	75622.8	-1043.6
2085	9.4	72431.7	-1025.3	2175	8.9	73603.5	-1033.4	2265	9.0	74514.9	-1048.3	2355	9.0	75627.0	-1005.5
2086	9.5	72456.5	-1019.2	2176	9.1	73605.3	-1018.1	2266	8.7	74521.9	-1023.6	2356	8.5	75640.5	-1041.0
2087	9.3	72504.7	-1011.7	2177	8.8	73614.2	-1026.2	2267	9.8	74524.3	-1047.8	2357	8.9	75648.6	-1035.3
2088	9.5	72509.4	-1050.2	2178	9.1	73621.5	-1043.6	2268	9.9	74533.5	-1057.5	2358	9.3	75650.5	-1037.6
2089	9.5	72517.3	-1050.6	2179	9.4	73622.7	-1055.9	2269	9.2	74535.9	-1012.3	2359	9.5	75652.5	-1029.7
2090	9.8	72521.8	-1052.6	2180	10.	73624.8	-1017.0	2270	9.8	74536.4	-1034.2	2360	8.6	75657.6	-1005.1
2091	9.5	72525.2	-1018.0	2181	9.9	73626.5	-1048.5	2271	10.	74546.1	-1029.1	2361	9.4	75711.7	-1016.8
2092	8.4	72525.8	-1011.8	2182	9.2	73637.4	-1001.6	2272	9.5	74558.7	-1001.4	2362	7.3	75712.2	-1001.6
2093	8.7	72554.5	-1053.0	2183	9.5	73642.4	-1032.2	2273	9.2	74600.6	-1022.2	2363	9.7	75717.0	-1049.4
2094	9.5	72556.6	-1037.2	2184	9.4	73643.5	-1037.2	2274	9.8	74644.0	-1013.3	2364	9.5	75717.9	-1054.2
2095	9.6	72613.9	-1024.5	2185	9.3	73644.2	-1040.1	2275	9.7	74652.8	-1002.5	2365	9.1	75728.6	-1006.4
2096	9.3	72616.5	-1034.4	2186	9.0	73702.0	-1025.7	2276	9.6	74657.8	-1006.1	2366	8.7	75736.4	-1014.0
2097	9.5	72620.7	-1038.9	2187	8.8	73703.5	-1043.6	2277	9.4	74658.0	-1013.6	2367	9.5	75740.7	-1029.8
2098	9.5	72622.4	-1049.0	2188	9.5	73703.9	-1023.4	2278	7.7	74708.6	-1011.3	2368	10.	75748.8	-1006.4
2099	9.3	72624.0	-1043.0	2189	9.2	73709.5	-1011.8	2279	8.5	74709.2	-1046.5	2369	9.4	75753.4	-1045.9
2100	8.8	72624.3	-1010.4	2190	8.3	73710.4	-1058.2	2280	9.6	74721.2	-1028.0	2370	9.0	75806.9	-1002.2
2101	9.3	72627.9	-1050.1	2191	8.7	73719.3	-1023.9	2281	9.4	74746.3	-1002.5	2371	9.5	75833.0	-1006.2
2102	10.	72644.5	-1016.7	2192	9.5	73748.2	-1022.9	2282	9.5	74746.6	-1058.1	2372	8.9	75835.7	-1012.6
2103	9.4	72650.2	-1014.0	2193	9.8	73756.7	-1018.3	2283	8.7	74748.1	-1004.5	2373	9.5	75841.9	-1049.6
2104	8.5	72710.9	-1044.3	2194	9.8	73800.4	-1012.0	2284	8.3	74755.6	-1042.0	2374	9.3	75843.0	-1024.3
2105	8.1	72717.1	-1056.0	2195	9.8	73801.0	-1021.9	2285	8.4	74803.9	-1049.1	2375	8.6	75844.3	-1054.9
2106	9.5	72719.0	-1030.8	2196	8.7	73804.9	-1025.3	2286	9.6	74807.4	-1021.5	2376	9.4	75846.5	-1035.8
2107	9.5	72730.8	-1020.0	2197	9.7	73817.1	-1011.9	2287	9.5	74815.7	-1038.2	2377	8.2	75848.0	-1015.5
2108	9.1	72741.9	-1002.0	2198	8.2	73820.9	-1028.5	2288	9.5	74818.5	-1039.7	2378	10.	75905.6	-1020.5
2109	9.5	72749.8	-1055.3	2199	9.3	73822.8	-1039.4	2289	7.8	74824.3	-1046.6	2379	9.4	75909.4	-1042.0
2110	9.4	72752.2	-1031.8	2200	9.8	73824.3	-1047.3	2290	9.4	74829.1	-1035.2	2380	9.8	75916.8	-1012.0
2111	8.8	72754.2	-1048.6	2201	8.7	73825.5	-1031.2	2291	9.5	74834.6	-1049.8	2381	9.5	75917.2	-1006.5
2112	9.6	72757.3	-1057.2	2202	9.5	73838.2	-1025.1	2292	9.5	74836.3	-1018.8	2382	9.1	75937.7	-1034.1
2113	9.0	72805.1	-1029.5	2203	9.8	73844.8	-1056.3	2293	9.5	74836.9	-1006.7	2383	9.5	75938.2	-1059.6
2114	8.4	72805.8	-1017.8	2204	9.7	73846.6	-1038.6	2294	7.5	74838.7	-1016.8	2384	9.5	75941.4	-1018.7
2115	9.4	72806.8	-1029.5	2205	9.7	73847.4	-1036.5	2295	8.3	74904.8	-1017.7	2385	9.0	75952.4	-1021.1
2116	9.3	72809.7	-1004.2	2206	9.8	73854.3	-1044.6	2296	9.0	74916.3	-1010.9	2386	9.0	80004.1	-1003.2
2117	9.3	72826.7	-1027.3	2207	9.5	73856.9	-1052.5	2297	9.1	74935.6	-1040.5	2387	9.8	80009.2	-1010.1
2118	9.4	72826.9	-1048.0	2208	9.5	73904.9	-1012.2	2298	9.6	74936.5	-1014.3	2388	9.8	80039.1	-1052.1
2119	9.8	72838.8	-1029.1	2209	9.6	73905.4	-1020.7	2299	8.8	74952.5	-1028.7	2389	9.4	80039.7	-1055.3
2120	9.7	72847.8	-1012.6	2210	9.4	73911.1	-1034.6	2300	9.1	74952.7	-1013.1	2390	9.5	80051.2	-1009.9
2121	9.8	72854.3	-1052.8	2211	9.7	73919.9	-1004.4	2301	9.8	75001.8	-1042.8	2391	9.5	80112.4	-1012.6
2122	9.8	72902.9	-1015.8	2212	9.8	73930.0	-1037.0	2302	9.1	75010.7	-1013.9	2392	9.5	80115.9	-1054.5
2123	9.3	72918.1	-1034.8	2213	9.1	73940.2	-1045.3	2303	9.4	75027.2	-1014.0	2393	9.8	80120.8	-1035.1
2124	9.2	72927.2	-1025.3	2214	9.5	73949.3	-1050.3	2304	8.3	75031.5	-1013.1	2394	9.8	80126.3	-1007.5
2125	9.3	72946.4	-1047.5	2215	9.3	73957.9	-1006.5	2305	9.4	75036.5	-1038.0	2395	9.0	80132.2	-1052.3
2126	8.1	72948.6	-1019.3	2216	9.2	74001.7	-1039.2	2306	9.3	75038.4	-1047.1	2396	9.3	80149.1	-1022.7
2127	9.2	73000.2	-1007.4	2217	9.8	74002.6	-1055.0	2307	9.2	75040.7	-1034.5	2397	9.4	80155.7	-1002.3
2128	9.3	73001.9	-1003.0	2218	8.8	74012.2	-1031.8	2308	9.5	75104.9	-1009.4	2398	9.2	80156.2	-1047.3
2129	9.2	73003.3	-1020.2	2219	9.8	74018.5	-1035.5	2309	8.0	75111.1	-1029.8	2399	9.4	80158.3	-1043.3
2130	8.9	73014.7	-1027.4	2220	9.2	74018.6	-1023.3	2310	10.	75112.7	-1001.0	2400	6.6	80203.9	-1055.1
2131	9.2	73033.6	-1049.7	2221	9.7	74020.7	-1010.7	2311	9.7	75124.2	-1058.5	2401	9.3	80227.8	-1034.1
2132	9.6	73035.6	-1013.7	2222	9.3	74036.5	-1000.2	2312	9.6	75130.8	-1034.7	2402	9.5	80232.5	-1056.8
2133	9.4	73047.7	-1038.7	2223	9.5	74047.8	-1054.6	2313	8.7	75155.4	-1033.2	2403	9.3	80242.9	-1056.3
2134	9.4	73056.2	-1053.3	2224	10.	74051.1	-1008.0	2314	8.7	75156.1	-1038.8	2404	9.2	80307.3	-1043.1
2135	9.5	73057.1	-1033.4	2225	9.2	74103.8	-1058.6	2315	8.8	75204.4	-1050.9	2405	9.4	80315.4	-1021.4
2136	9.8	73059.7	-1052.0	2226	9.5	74111.6	-1054.7	2316	9.5	75209.3	-1016.9	2406	9.3	80335.3	-1005.1
2137	7.1	73119.1	-1017.5	2227	9.3	74121.0	-1040.1	2317	9.2	75215.1	-1008.1	2407	9.7	80349.3	-1025.8
2138	9.8	73138.8	-1047.8	2228	8.5	74127.1	-1038.6	2318	8.9	75226.4	-1049.9	2408	9.3	80404.7	-1017.6
2139	9.4	73144.2	-1030.1	2229	8.9	74136.5	-1019.1	2319	8.8	75229.6	-1005.3	2409	9.1	80405.6	-1011.2
2140	9.1	73150.7	-1053.1	2230	9.5	74137.2	-1020.0	2320	9.6	75231.0	-1015.6	2410	9.5	80405.9	-1005.0
2141	8.3	73151.8	-1013.3	2231	9.3	74141.9	-1031.7	2321	9.8	75246.1	-1052.5	2411	9.7	80409.6	-1041.9

2412	9.1	80411.2	-1031.5	2502	9.0	81717.3	-1058.9	2592	9.8	83237.1	-1054.4	2682	9.3	84655.8	-1010.4
2413	9.1	80419.1	-1050.6	2503	8.8	81718.4	-1042.4	2593	9.5	83246.3	-1025.5	2683	9.4	84702.2	-1038.0
2414	9.4	80425.3	-1026.2	2504	9.4	81725.2	-1051.8	2594	9.6	83252.6	-1021.5	2684	9.8	84702.7	-1019.0
2415	9.5	80438.4	-1033.6	2505	9.4	81733.4	-1016.5	2595	8.7	83323.8	-1027.3	2685	7.9	84710.3	-1022.5
2416	9.3	80440.3	-1008.9	2506	7.8	81733.8	-1002.7	2596	9.3	83335.0	-1053.2	2686	9.8	84716.6	-1044.9
2417	9.8	80447.0	-1001.5	2507	9.2	81738.2	-1015.9	2597	9.6	83341.2	-1020.0	2687	9.2	84738.4	-1001.7
2418	9.0	80449.1	-1018.3	2508	8.3	81752.6	-1016.9	2598	9.1	83343.5	-1013.8	2688	6.8	84741.1	-1049.4
2419	8.8	80451.8	-1054.9	2509	9.1	81820.0	-1010.9	2599	9.3	83346.7	-1058.3	2689	9.3	84751.6	-1029.7
2420	9.5	80507.4	-1045.0	2510	10.	81833.1	-1001.2	2600	9.3	83406.8	-1037.2	2690	7.9	84801.0	-1026.1
2421	9.0	80511.1	-1016.4	2511	9.0	81836.6	-1018.8	2601	9.1	83407.6	-1039.0	2691	9.0	84816.8	-1050.2
2422	7.8	80529.0	-1024.2	2512	9.0	81846.7	-1002.7	2602	9.6	83408.2	-1053.3	2692	7.1	84820.2	-1049.0
2423	9.4	80542.9	-1031.6	2513	9.3	81855.1	-1029.8	2603	9.3	83410.3	-1033.4	2693	8.4	84902.2	-1020.4
2424	8.9	80544.2	-1006.8	2514	6.3	81904.4	-1002.6	2604	9.5	83417.0	-1035.9	2694	8.1	84907.0	-1035.9
2425	9.4	80556.5	-1000.2	2515	9.1	81917.0	-1008.4	2605	10.	83419.2	-1011.8	2695	10.	84918.9	-1017.3
2426	9.3	80558.4	-1040.2	2516	9.3	81919.7	-1034.5	2606	9.4	83422.1	-1035.0	2696	9.3	84920.5	-1040.7
2427	9.3	80608.9	-1011.2	2517	9.7	81937.4	-1054.3	2607	9.5	83422.7	-1048.5	2697	8.1	84934.7	-1032.8
2428	9.1	80612.4	-1034.4	2518	9.0	81946.7	-1032.6	2608	9.5	83434.9	-1019.0	2698	9.5	84937.2	-1041.2
2429	9.4	80619.7	-1002.0	2519	9.7	81947.5	-1018.2	2609	9.4	83440.3	-1033.4	2699	8.9	84948.7	-1033.1
2430	9.5	80634.5	-1051.1	2520	9.4	81954.6	-1041.6	2610	9.2	83521.6	-1013.1	2700	9.6	85011.9	-1025.7
2431	8.9	80635.8	-1032.0	2521	9.0	81955.6	-1025.9	2611	8.3	83531.1	-1030.3	2701	9.3	85023.4	-1005.2
2432	9.2	80639.4	-1035.0	2522	9.2	81955.7	-1004.1	2612	9.1	83549.4	-1054.2	2702	9.6	85025.5	-1033.9
2433	9.4	80652.1	-1001.1	2523	9.8	82007.5	-1055.2	2613	9.3	83551.8	-1029.2	2703	9.4	85050.7	-1050.0
2434	10.	80734.4	-1019.0	2524	9.5	82008.9	-1048.4	2614	9.4	83552.2	-1021.6	2704	9.8	85055.1	-1001.5
2435	9.1	80750.3	-1001.3	2525	9.2	82010.4	-1053.7	2615	9.3	83557.4	-1029.6	2705	9.7	85059.3	-1035.9
2436	9.0	80804.7	-1019.2	2526	9.1	82020.5	-1055.8	2616	9.6	83611.1	-1057.9	2706	10.	85108.2	-1001.3
2437	8.9	80810.2	-1005.9	2527	10.	82029.2	-1002.6	2617	9.5	83615.0	-1048.0	2707	8.9	85108.4	-1025.0
2438	9.5	80813.4	-1037.5	2528	9.8	82029.6	-1045.5	2618	9.5	83640.9	-1020.0	2708	9.3	85123.2	-1055.0
2439	8.0	80832.1	-1051.0	2529	9.3	82029.8	-1027.5	2619	8.5	83702.4	-1002.2	2709	8.3	85139.9	-1046.2
2440	9.4	80832.9	-1039.9	2530	9.2	82037.0	-1051.9	2620	9.8	83703.6	-1057.1	2710	9.3	85141.6	-1034.2
2441	9.3	80838.7	-1048.6	2531	9.1	82105.0	-1059.5	2621	9.8	83707.7	-1054.9	2711	9.5	85154.8	-1020.4
2442	9.3	80843.0	-1041.7	2532	9.8	82115.4	-1017.1	2622	8.8	83711.6	-1035.4	2712	9.6	85257.5	-1025.0
2443	8.7	80849.1	-1000.4	2533	9.5	82115.9	-1050.4	2623	9.8	83712.8	-1022.5	2713	9.6	85303.1	-1023.0
2444	10.	80859.9	-1056.9	2534	9.8	82116.5	-1012.2	2624	10.	83721.2	-1011.5	2714	9.6	85311.3	-1036.9
2445	9.5	80900.2	-1017.6	2535	9.1	82117.3	-1054.9	2625	9.6	83739.7	-1027.4	2715	9.5	85331.6	-1048.5
2446	9.7	80902.9	-1002.2	2536	9.3	82117.5	-1035.1	2626	9.2	83753.3	-1013.4	2716	8.9	85341.6	-1034.4
2447	9.2	80933.8	-1017.5	2537	10.	82125.9	-1051.8	2627	9.3	83821.1	-1042.1	2717	9.4	85354.2	-1008.3
2448	9.7	81005.3	-1041.0	2538	9.4	82130.0	-1004.4	2628	10.	83833.4	-1043.4	2718	9.5	85356.0	-1009.9
2449	9.3	81006.1	-1042.9	2539	8.7	82137.5	-1054.5	2629	9.7	83844.1	-1013.0	2719	10.	85415.2	-1021.2
2450	9.2	81006.7	-1047.5	2540	9.7	82200.0	-1036.6	2630	9.2	83847.6	-1035.9	2720	8.0	85427.4	-1040.2
2451	7.7	81010.9	-1025.5	2541	10.	82213.1	-1052.8	2631	9.3	83904.1	-1052.0	2721	9.5	85442.3	-1016.6
2452	9.0	81014.1	-1013.3	2542	9.2	82217.8	-1010.2	2632	9.7	83904.3	-1042.8	2722	8.5	85444.7	-1041.6
2453	8.0	81018.5	-1001.4	2543	9.8	82242.0	-1017.7	2633	9.5	83905.1	-1044.8	2723	9.7	85457.4	-1032.1
2454	9.4	81027.1	-1058.1	2544	9.1	82246.5	-1022.3	2634	6.0	83909.7	-1028.8	2724	8.4	85522.5	-1019.9
2455	9.0	81027.7	-1028.9	2545	10.	82255.0	-1016.6	2635	6.9	83911.2	-1018.1	2725	9.2	85545.2	-1013.0
2456	9.3	81032.1	-1033.6	2546	8.1	82323.9	-1008.1	2636	8.3	83918.6	-1051.9	2726	10.	85555.6	-1051.3
2457	9.5	81050.5	-1016.7	2547	9.3	82325.9	-1023.8	2637	9.1	83920.4	-1008.1	2727	9.7	85606.2	-1024.6
2458	9.8	81103.8	-1046.4	2548	9.5	82334.3	-1035.3	2638	9.3	83930.4	-1025.2	2728	9.4	85610.1	-1001.6
2459	9.5	81110.2	-1000.3	2549	8.7	82335.4	-1045.9	2639	9.3	83932.0	-1011.9	2729	9.2	85625.9	-1002.0
2460	9.5	81111.3	-1041.8	2550	8.1	82415.1	-1027.0	2640	9.3	83941.6	-1024.8	2730	9.8	85645.2	-1023.3
2461	8.7	81111.7	-1002.8	2551	8.9	82422.1	-1058.6	2641	8.6	84009.1	-1014.9	2731	9.5	85716.0	-1010.8
2462	9.5	81114.9	-1049.9	2552	9.8	82425.2	-1005.6	2642	8.9	84009.4	-1021.3	2732	8.4	85717.9	-1005.2
2463	10.	81115.3	-1052.9	2553	9.2	82429.7	-1049.6	2643	9.8	84033.5	-1042.1	2733	10.	85735.2	-1013.0
2464	9.3	81120.0	-1032.2	2554	9.2	82432.5	-1041.6	2644	9.1	84058.1	-1048.9	2734	9.1	85743.9	-1009.3
2465	10.	81122.8	-1051.9	2555	9.9	82513.6	-1021.8	2645	9.9	84120.4	-1037.3	2735	9.9	85755.6	-1023.1
2466	9.4	81123.2	-1055.5	2556	9.4	82517.3	-1001.0	2646	9.2	84124.1	-1041.0	2736	8.5	85803.5	-1048.3
2467	9.7	81127.7	-1032.4	2557	9.3	82527.5	-1004.7	2647	10.	84140.6	-1044.2	2737	9.6	85806.9	-1051.0
2468	9.1	81129.8	-1002.2	2558	8.1	82534.3	-1055.0	2648	9.8	84201.7	-1027.6	2738	9.3	85829.9	-1011.6
2469	10.	81147.5	-1000.3	2559	9.5	82551.4	-1031.2	2649	9.4	84206.5	-1049.1	2739	9.8	85847.9	-1027.3
2470	9.7	81148.3	-1023.2	2560	9.4	82555.8	-1017.4	2650	8.5	84207.5	-1019.9	2740	9.2	85900.4	-1012.9
2471	9.4	81149.2	-1027.0	2561	9.7	82603.3	-1053.1	2651	7.0	84224.2	-1021.2	2741	7.9	85902.0	-1045.8
2472	9.2	81201.5	-1012.1	2562	9.4	82612.9	-1002.2	2652	9.5	84226.6	-1014.2	2742	9.2	85909.2	-1016.9
2473	9.8	81201.5	-1010.4	2563	9.3	82614.9	-1002.2	2653	9.5	84228.0	-1014.6	2743	9.3	85929.8	-1057.8
2474	9.4	81223.7	-1034.4	2564	9.9	82634.3	-1047.1	2654	7.5	84229.6	-1029.2	2744	9.8	85933.0	-1059.9
2475	9.8	81233.1	-1035.2	2565	8.0	82654.5	-1028.5	2655	9.7	84251.1	-1059.0	2745	9.4	90003.7	-1053.7
2476	9.8	81252.5	-1014.0	2566	9.0	82658.6	-1010.8	2656	9.7	84302.0	-1020.9	2746	8.4	90018.0	-1009.1
2477	8.8	81313.1	-1052.6	2567	9.5	82710.0	-1002.9	2657	9.5	84312.4	-1018.6	2747	9.2	90020.8	-1032.0
2478	9.2	81314.1	-1000.1	2568	10.	82716.5	-1009.8	2658	8.4	84317.7	-1036.2	2748	9.7	90021.8	-1035.4
2479	9.5	81323.3	-1018.0	2569	10.	82741.9	-1004.5	2659	9.3	84322.3	-1049.1	2749	9.8	90034.3	-1008.7
2480	9.0	81323.7	-1052.5	2570	8.5	82759.2	-1026.1	2660	9.3	84357.9	-1014.2	2750	9.3	90050.8	-1046.1
2481	9.4	81323.7	-1043.5	2571	9.5	82818.0	-1047.5	2661	9.6	84404.6	-1013.6	2751	9.8	90105.7	-1003.2
2482	9.3	81323.8	-1018.8	2572	8.4	82838.9	-1017.4	2662	10.	84407.6	-1027.6	2752	9.8	90112.5	-1023.4
2483	8.9	81325.2	-1014.5	2573	9.5	82844.5	-1050.9	2663	9.2	84408.6	-1014.7	2753	9.6	90116.4	-1014.5
2484	9.4	81348.3	-1027.7	2574	9.5	82851.8	-1031.8	2664	9.5	84415.3	-1041.9	2754	7.1	90152.4	-1010.4
2485	9.7	81405.6	-1039.2	2575	7.7	82856.5	-1047.5	2665	8.9	84436.1	-1054.7	2755	9.8	90155.6	-1058.0
2486	9.6	81424.5	-1034.6	2576	9.2	82916.7	-1004.4	2666	9.2	84438.9	-1006.3	2756	9.2	90200.2	-1015.5
2487	9.3	81429.9	-1051.5	2577	9.5	82926.7	-1034.1	2667	9.4	84444.0	-1014.9	2757	8.5	90210.4	-1059.3
2488	9.2	81435.0	-1002.3	2578	7.8	82934.5	-1003.8	2668	8.4	84453.0	-1036.2	2758	9.1	90231.8	-1003.9
2489	9.8	81436.0	-1004.5	2579	9.2	82946.2	-1051.7	2669	9.8	84503.1	-1013.5	2759	9.3	90252.6	-1038.9
2490	6.8	81441.8	-1035.3	2580	10.	83012.9	-1015.1	2670	9.1	84512.3	-1006.7	2760	9.8	90306.8	-1045.7
2491	6.9	81501.7	-1017.4	2581	9.3	83019.7	-1038.9	2671	9.8	84517.3	-1026.7	2761	8.8	90321.5	-1051.1
2492	9.5	81519.1	-1054.8	2582	9.5	83032.8	-1009.4	2672	8.7	84519.1	-1042.9	2762	8.2	90435.9	-1052.9
2493	8.9	81520.0	-1015.0	2583	8.5	83040.2	-1026.6	2673	9.3	84519.6	-1010.0	2763	9.8	90439.5	-1043.7
2494	9.3	81530.0	-1059.9	2584	10.	83109.6	-1002.4	2674	10.	84543.0	-1055.0	2764	9.5	90448.8	-1009.7
2495	8.9	81539.2	-1013.6	2585	9.0	83111.4	-1037.5	2675	8.8	84557.7	-1059.6	2765	9.8	90515.7	-1010.6
2496	9.1	81557.1	-1018.4	2586	9.5	83124.5	-1016.5	2676	9.3	84603.7	-1046.1	2766	7.6	90518.4	-1029.1
2497	9.3	81608.0	-1032.3	2587	9.6	83127.9	-1051.6	2677	8.9	84616.4	-1040.7	2767	8.0	90528.0	-1008.1
2498	8.9	81619.6	-1031.8	2588	7.9	83129.1	-1019.0	2678	7.2	84631.8	-1050.7	2768	8.8	90532.0	-1058.2
2499	9.3	81621.9	-1019.7	2589	9.5	83131.6	-1023.5	2679	9.6	84637.5	-1001.3	2769	8.0	90536.2	-1053.8
2500	9.5	81628.3	-1047.8	2590	10.	83149.3	-1015.2	2680	9.8	84638.5	-1023.4	2770	9.6	90538.0	-1048.3
2501	9.3	81647.7	-1011.9	2591	9.7	83209.7	-1030.4	2681	9.3	84653.2	-1007.6	2771	9.8	90553.0	-1041.9

-10 2772 9h05m

-10 3131 10h41m

2772	9.6	90553.1	-1021.1	2862	9.0	92633.9	-1045.0	2952	9.5	94926.3	-1047.0	3042	9.1	101215.1	-1009.8
2773	9.6	90553.6	-1009.8	2863	10.	92655.4	-1049.9	2953	9.9	94932.2	-1037.6	3043	9.3	101326.5	-1006.4
2774	9.5	90602.0	-1003.3	2864	9.9	92702.3	-1007.6	2954	9.5	94936.5	-1008.2	3044	9.5	101414.7	-1002.8
2775	9.1	90603.3	-1005.2	2865	9.2	92704.7	-1059.9	2955	9.3	95008.2	-1013.9	3045	9.1	101425.0	-1046.6
2776	8.4	90614.9	-1012.1	2866	9.1	92715.4	-1023.9	2956	9.4	95026.2	-1055.1	3046	9.3	101500.6	-1035.3
2777	9.3	90622.6	-1037.9	2867	9.8	92733.6	-1059.2	2957	8.7	95044.9	-1008.1	3047	9.4	101500.8	-1031.6
2778	9.3	90623.2	-1016.3	2868	9.5	92746.5	-1042.7	2958	8.8	95055.4	-1016.0	3048	9.3	101501.8	-1027.2
2779	8.4	90624.8	-1029.9	2869	9.3	92749.0	-1043.9	2959	9.3	95058.0	-1002.2	3049	9.8	101520.8	-1030.1
2780	7.9	90626.6	-1037.9	2870	9.4	92817.1	-1029.8	2960	9.9	95124.3	-1024.5	3050	9.8	101535.7	-1041.0
2781	9.8	90626.8	-1018.6	2871	10.	92825.3	-1037.0	2961	8.3	95134.5	-1023.1	3051	8.4	101550.3	-1032.8
2782	9.8	90654.2	-1012.2	2872	9.3	92852.2	-1007.8	2962	10.	95139.8	-1010.9	3052	9.8	101640.8	-1033.2
2783	9.3	90657.3	-1024.5	2873	9.0	92854.2	-1011.9	2963	9.4	95156.8	-1034.9	3053	9.4	101647.9	-1012.7
2784	9.7	90709.4	-1048.6	2874	7.3	92928.3	-1037.5	2964	9.1	95220.5	-1004.7	3054	9.0	101659.6	-1015.1
2785	9.7	90742.6	-1028.1	2875	10.	92929.7	-1047.8	2965	8.2	95230.3	-1000.9	3055	9.6	101702.1	-1004.6
2786	8.6	90828.2	-1027.8	2876	8.8	92933.2	-1009.2	2966	8.7	95230.3	-1022.5	3056	9.3	101710.4	-1011.5
2787	9.7	90842.5	-1042.4	2877	9.0	92941.4	-1057.0	2967	9.5	95243.4	-1010.2	3057	9.5	101720.7	-1055.5
2788	9.3	90859.1	-1038.4	2878	8.4	92949.1	-1028.8	2968	9.0	95304.0	-1039.7	3058	9.5	101735.3	-1058.1
2789	8.5	90926.6	-1025.0	2879	9.7	93006.3	-1015.7	2969	10.	95309.2	-1033.6	3059	10.	101735.7	-1055.0
2790	9.3	90929.5	-1043.3	2880	9.5	93047.8	-1027.0	2970	9.8	95315.8	-1055.6	3060	9.4	101758.7	-1028.4
2791	9.7	90931.4	-1011.4	2881	10.	93110.9	-1048.2	2971	9.5	95324.6	-1019.6	3061	10.	101810.5	-1018.6
2792	8.8	90938.0	-1034.5	2882	9.2	93116.6	-1001.8	2972	8.5	95327.9	-1012.1	3062	9.5	101857.7	-1028.5
2793	8.6	90940.4	-1020.4	2883	10.	93137.8	-1031.4	2973	9.4	95337.3	-1013.3	3063	9.4	101919.9	-1046.4
2794	6.3	90956.2	-1029.8	2884	9.3	93208.5	-1004.8	2974	8.7	95401.0	-1023.6	3064	9.5	102008.8	-1038.6
2795	9.3	91000.4	-1007.9	2885	9.1	93225.1	-1033.5	2975	10.	95410.1	-1017.9	3065	9.2	102055.7	-1035.4
2796	8.9	91015.6	-1008.5	2886	8.0	93241.7	-1003.7	2976	9.0	95410.3	-1003.3	3066	9.4	102137.4	-1037.3
2797	10.	91026.1	-1045.5	2887	9.7	93309.6	-1046.6	2977	10.	95418.8	-1018.7	3067	9.7	102144.0	-1028.5
2798	9.5	91056.2	-1027.7	2888	6.1	93315.7	-1006.6	2978	9.7	95431.4	-1041.9	3068	9.4	102145.6	-1043.1
2799	8.8	91113.8	-1041.1	2889	10.	93340.4	-1015.0	2979	10.	95509.0	-1017.1	3069	9.4	102151.9	-1054.9
2800	9.2	91118.1	-1028.7	2890	10.	93439.5	-1019.0	2980	9.6	95538.5	-1025.6	3070	9.7	102230.9	-1013.9
2801	7.5	91213.1	-1032.7	2891	8.9	93449.3	-1034.8	2981	8.9	95545.2	-1042.6	3071	9.1	102305.7	-1016.1
2802	8.9	91215.4	-1037.5	2892	9.4	93509.6	-1025.0	2982	8.6	95548.1	-1031.9	3072	9.0	102310.8	-1049.5
2803	9.2	91226.2	-1059.8	2893	9.4	93528.7	-1017.9	2983	8.8	95558.6	-1028.7	3073	7.3	102322.0	-1033.5
2804	6.8	91233.4	-1042.3	2894	8.3	93534.5	-1013.3	2984	8.8	95558.7	-1046.1	3074	9.4	102322.7	-1006.9
2805	8.3	91245.2	-1034.8	2895	9.2	93539.5	-1020.1	2985	7.2	95614.2	-1001.6	3075	9.7	102425.5	-1010.6
2806	10.	91253.2	-1052.1	2896	10.	93547.2	-1050.7	2986	9.2	95628.6	-1017.4	3076	7.0	102450.7	-1040.5
2807	9.3	91309.0	-1003.2	2897	8.8	93547.5	-1001.8	2987	8.0	95813.0	-1030.1	3077	9.4	102451.8	-1012.2
2808	8.5	91312.8	-1007.2	2898	9.3	93557.1	-1037.5	2988	9.3	95835.0	-1029.2	3078	9.1	102455.5	-1059.3
2809	8.6	91355.1	-1059.2	2899	8.8	93611.7	-1053.6	2989	9.1	95837.7	-1000.6	3079	9.3	102501.4	-1049.2
2810	9.8	91401.7	-1058.6	2900	9.3	93615.8	-1007.1	2990	9.2	95857.1	-1058.4	3080	9.8	102531.9	-1003.5
2811	8.9	91402.0	-1046.3	2901	9.3	93619.0	-1011.1	2991	8.8	95931.7	-1023.4	3081	9.2	102558.3	-1020.2
2812	9.5	91417.7	-1017.9	2902	9.8	93621.1	-1031.9	2992	8.9	95948.7	-1050.5	3082	9.8	102608.6	-1059.2
2813	9.2	91429.3	-1030.6	2903	10.	93635.6	-1028.7	2993	9.5	95954.1	-1041.5	3083	8.7	102612.9	-1002.9
2814	9.2	91433.8	-1037.2	2904	9.7	93641.1	-1035.4	2994	8.6	100000.0	-1036.9	3084	9.0	102620.8	-1010.5
2815	8.8	91441.9	-1013.7	2905	9.1	93647.9	-1021.7	2995	8.1	100041.3	-1020.5	3085	8.2	102659.9	-1031.6
2816	9.8	91452.3	-1013.6	2906	9.3	93708.0	-1045.9	2996	9.2	100053.8	-1032.8	3086	9.0	102715.0	-1030.7
2817	9.3	91452.7	-1029.5	2907	9.5	93718.2	-1045.7	2997	9.5	100112.2	-1038.1	3087	9.6	102717.9	-1014.1
2818	9.6	91500.0	-1055.9	2908	9.5	93746.7	-1016.5	2998	8.0	100120.5	-1024.6	3088	9.5	102723.2	-1054.5
2819	9.5	91501.1	-1043.1	2909	10.	93810.3	-1055.0	2999	9.5	100123.1	-1005.9	3089	8.3	102724.9	-1022.3
2820	9.7	91515.2	-1022.1	2910	9.4	93828.1	-1029.0	3000	6.6	100137.9	-1010.6	3090	9.5	102753.0	-1032.0
2821	9.2	91526.5	-1026.0	2911	9.4	93828.8	-1054.8	3001	9.8	100154.2	-1001.4	3091	10.	102806.9	-1011.1
2822	8.8	91545.6	-1033.9	2912	7.7	93837.0	-1041.5	3002	9.4	100155.0	-1028.5	3092	9.9	102945.4	-1010.9
2823	9.6	91552.8	-1014.5	2913	9.7	93837.7	-1022.1	3003	8.8	100155.5	-1049.9	3093	9.4	102953.6	-1033.4
2824	9.4	91600.1	-1013.5	2914	9.6	93859.2	-1033.2	3004	9.3	100159.2	-1059.7	3094	6.8	103000.7	-1059.9
2825	9.1	91601.5	-1030.3	2915	9.3	93913.5	-1021.8	3005	9.1	100201.1	-1028.8	3095	9.3	103003.3	-1005.5
2826	9.6	91608.4	-1053.1	2916	9.8	93937.6	-1057.2	3006	8.9	100254.4	-1009.4	3096	8.5	103006.4	-1045.5
2827	9.3	91620.3	-1052.8	2917	10.	93944.4	-1004.9	3007	9.9	100257.3	-1035.3	3097	9.6	103010.4	-1017.6
2828	8.5	91631.5	-1011.9	2918	6.8	94004.9	-1004.3	3008	9.5	100304.6	-1018.6	3098	9.5	103011.9	-1016.5
2829	9.7	91639.1	-1049.0	2919	8.7	94005.7	-1007.8	3009	9.6	100321.3	-1050.4	3099	8.4	103013.4	-1017.3
2830	9.8	91649.6	-1055.5	2920	9.8	94016.6	-1037.8	3010	9.0	100333.2	-1045.8	3100	8.3	103032.5	-1017.8
2831	9.8	91652.9	-1011.1	2921	9.7	94019.9	-1053.9	3011	9.4	100349.4	-1052.6	3101	9.5	103040.8	-1059.1
2832	8.6	91659.1	-1028.1	2922	9.3	94021.1	-1032.3	3012	9.6	100349.8	-1036.7	3102	8.0	103045.5	-1045.5
2833	10.	91721.1	-1003.8	2923	9.0	94044.6	-1052.8	3013	9.5	100353.1	-1014.1	3103	8.6	103055.9	-1027.7
2834	7.5	91752.5	-1018.9	2924	9.8	94046.2	-1054.8	3014	9.5	100357.5	-1016.4	3104	9.5	103056.0	-1042.6
2835	9.0	91838.6	-1058.3	2925	9.0	94056.0	-1041.8	3015	9.5	100418.8	-1033.3	3105	9.3	103115.3	-1004.4
2836	10.	91857.4	-1023.1	2926	8.8	94057.3	-1012.3	3016	9.6	100421.7	-1034.2	3106	9.8	103136.4	-1057.3
2837	9.5	91955.7	-1043.1	2927	9.5	94058.2	-1013.2	3017	9.2	100431.1	-1018.0	3107	9.2	103211.2	-1017.4
2838	8.6	92055.2	-1055.7	2928	8.8	94127.6	-1051.7	3018	9.5	100440.4	-1033.6	3108	9.0	103239.8	-1015.7
2839	10.	92108.0	-1059.2	2929	9.1	94146.5	-1006.4	3019	9.5	100457.7	-1009.5	3109	9.0	103301.0	-1049.2
2840	9.7	92108.5	-1043.1	2930	9.3	94149.8	-1003.6	3020	8.2	100509.5	-1025.6	3110	9.8	103323.3	-1036.3
2841	9.5	92117.1	-1016.5	2931	9.8	94203.7	-1055.5	3021	8.9	100542.7	-1029.2	3111	9.3	103326.1	-1055.8
2842	9.3	92130.1	-1011.3	2932	9.2	94223.4	-1005.6	3022	9.9	100600.6	-1027.3	3112	8.3	103345.6	-1013.3
2843	9.0	92139.5	-1019.5	2933	9.6	94232.4	-1015.5	3023	9.8	100604.9	-1053.7	3113	9.5	103407.3	-1022.4
2844	9.3	92203.0	-1001.6	2934	9.7	94236.7	-1023.0	3024	9.2	100613.7	-1030.3	3114	9.0	103425.9	-1039.6
2845	9.4	92211.8	-1025.3	2935	9.7	94254.6	-1040.9	3025	9.1	100629.8	-1057.2	3115	9.5	103432.5	-1048.9
2846	9.4	92223.6	-1029.4	2936	9.8	94305.8	-1050.6	3026	9.5	100644.6	-1057.4	3116	9.5	103440.4	-1037.7
2847	9.8	92238.7	-1004.6	2937	9.8	94339.5	-1031.7	3027	8.0	100829.8	-1028.0	3117	9.5	103512.9	-1046.2
2848	10.	92238.8	-1028.0	2938	9.5	94410.0	-1011.2	3028	8.7	100859.4	-1044.8	3118	9.5	103543.4	-1053.2
2849	9.7	92250.8	-1011.6	2939	9.3	94418.1	-1014.8	3029	6.3	100900.3	-1029.0	3119	8.3	103600.1	-1018.0
2850	9.5	92257.3	-1017.5	2940	6.3	94435.3	-1039.6	3030	9.3	100929.9	-1002.1	3120	9.1	103605.2	-1005.2
2851	8.8	92327.7	-1001.5	2941	9.1	94439.8	-1040.5	3031	8.8	100938.4	-1002.8	3121	9.2	103629.0	-1056.3
2852	9.2	92346.8	-1039.6	2942	9.2	94440.5	-1037.1	3032	10.	101010.1	-1005.8	3122	8.0	103732.9	-1009.0
2853	9.1	92438.0	-1047.8	2943	9.3	94603.7	-1000.2	3033	9.5	101038.8	-1032.7	3123	9.3	103820.5	-1019.1
2854	9.1	92441.1	-1046.6	2944	9.4	94609.2	-1052.2	3034	9.1	101120.2	-1057.0	3124	9.2	103828.2	-1059.5
2855	9.5	92502.0	-1055.9	2945	9.8	94650.5	-1047.7	3035	9.3	101122.6	-1059.4	3125	8.0	103831.7	-1006.2
2856	7.7	92508.8	-1012.5	2946	9.2	94728.4	-1056.4	3036	9.5	101129.7	-1059.6	3126	9.6	103852.6	-1016.9
2857	7.6	92524.5	-1032.8	2947	9.3	94748.7	-1031.3	3037	7.8	101151.8	-1026.7	3127	9.4	103932.3	-1019.3
2858	9.0	92536.2	-1031.2	2948	7.0	94807.7	-1020.9	3038	8.5	101154.2	-1059.9	3128	9.7	104052.5	-1018.9
2859	9.5	92540.7	-1015.4	2949	9.7	94845.8	-1043.8	3039	8.5	101203.9	-1001.4	3129	9.4	104053.2	-1021.5
2860	9.2	92623.9	-1018.3	2950	8.7	94848.5	-1034.0	3040	8.0	101206.8	-1039.1	3130	9.8	104102.1	-1047.5
2861	9.5	92624.8	-1032.6	2951	8.8	94857.4	-1046.9	3041	8.7	101210.6	-1015.4	3131	10.	104157.1	-1002.2

3132	9.2	104202.4	-1017.2	3222	9.4	110604.4	-1002.3	3312	9.8	113130.0	-1019.6	3402	8.6	115921.3	-1052.4
3133	8.7	104230.5	-1020.9	3223	9.0	110626.0	-1015.1	3313	9.8	113152.0	-1016.8	3403	9.5	115930.9	-1006.1
3134	9.7	104237.2	-1056.5	3224	9.7	110634.6	-1016.8	3314	9.5	113213.0	-1034.7	3404	9.7	120004.3	-1020.2
3135	9.2	104258.3	-1055.3	3225	9.6	110729.1	-1030.5	3315	9.5	113327.4	-1029.7	3405	9.0	120009.1	-1017.1
3136	9.5	104311.0	-1046.9	3226	8.6	110736.6	-1026.5	3316	9.5	113341.4	-1009.0	3406	9.4	120020.8	-1015.9
3137	9.5	104311.4	-1025.0	3227	7.2	110805.6	-1047.7	3317	9.7	113347.0	-1059.8	3407	9.4	120024.4	-1012.7
3138	8.9	104458.6	-1055.3	3228	9.8	110914.3	-1023.7	3318	9.9	113356.6	-1014.1	3408	9.6	120044.5	-1010.0
3139	7.0	104503.7	-1020.4	3229	8.9	110919.2	-1041.4	3319	9.7	113406.6	-1010.4	3409	9.8	120047.7	-1025.5
3140	9.5	104524.5	-1038.5	3230	9.2	111005.6	-1051.9	3320	9.8	113425.4	-1017.6	3410	9.8	120050.1	-1019.5
3141	7.5	104532.8	-1039.2	3231	10.	111005.8	-1038.6	3321	10.	113434.7	-1044.3	3411	9.5	120154.4	-1006.2
3142	9.5	104553.4	-1039.5	3232	8.8	111007.3	-1004.8	3322	9.9	113436.9	-1001.7	3412	9.7	120234.7	-1016.6
3143	9.6	104600.5	-1005.3	3233	10.	111014.6	-1007.8	3323	9.5	113438.1	-1017.4	3413	9.6	120236.6	-1056.5
3144	9.8	104601.4	-1013.9	3234	9.0	111017.1	-1018.8	3324	9.8	113451.8	-1020.9	3414	9.0	120250.7	-1041.9
3145	9.1	104623.2	-1021.6	3235	9.8	111035.0	-1054.4	3325	8.5	113503.4	-1042.8	3415	9.5	120338.2	-1047.7
3146	8.8	104626.8	-1038.1	3236	10.	111053.0	-1049.5	3326	9.5	113606.3	-1006.7	3416	9.6	120352.8	-1015.4
3147	9.8	104628.6	-1055.1	3237	9.8	111117.8	-1057.2	3327	9.5	113618.3	-1008.9	3417	9.2	120409.2	-1029.1
3148	9.1	104725.0	-1019.1	3238	9.5	111126.2	-1009.5	3328	9.7	113622.9	-1015.3	3418	8.8	120425.2	-1035.6
3149	8.2	104726.3	-1045.7	3239	7.9	111135.8	-1058.5	3329	9.9	113624.4	-1025.4	3419	9.1	120443.7	-1045.7
3150	8.9	104731.3	-1058.0	3240	9.0	111143.2	-1037.5	3330	9.8	113641.3	-1054.5	3420	8.0	120458.1	-1051.0
3151	9.4	104748.7	-1033.6	3241	9.6	111156.0	-1018.8	3331	8.8	113714.7	-1009.4	3421	9.3	120504.2	-1057.7
3152	8.3	104804.9	-1005.0	3242	9.1	111217.5	-1025.9	3332	9.1	113724.8	-1039.9	3422	9.4	120532.9	-1010.6
3153	8.5	104812.9	-1054.5	3243	8.4	111222.5	-1058.2	3333	9.5	113741.5	-1011.9	3423	10.	120539.6	-1043.7
3154	9.3	104822.4	-1005.2	3244	9.7	111227.5	-1040.9	3334	10.	113752.3	-1053.5	3424	9.4	120549.6	-1039.0
3155	9.7	104847.6	-1017.5	3245	9.8	111237.0	-1030.3	3335	9.5	113801.2	-1040.0	3425	9.9	120618.6	-1035.5
3156	9.0	104904.4	-1003.0	3246	8.7	111244.3	-1018.3	3336	8.9	113803.4	-1039.7	3426	9.4	120644.6	-1042.7
3157	9.5	105001.4	-1045.4	3247	9.1	111311.7	-1002.4	3337	8.9	113901.3	-1051.8	3427	9.7	120703.6	-1047.0
3158	9.5	105014.1	-1059.7	3248	9.4	111332.4	-1045.1	3338	8.8	113936.9	-1008.6	3428	9.4	120724.9	-1012.2
3159	8.2	105015.9	-1018.5	3249	10.	111402.4	-1052.5	3339	9.2	114020.7	-1053.2	3429	9.9	120734.1	-1045.9
3160	9.5	105017.5	-1037.4	3250	9.4	111435.9	-1046.7	3340	9.5	114028.3	-1046.3	3430	9.5	120747.9	-1011.6
3161	9.5	105019.3	-1051.4	3251	9.3	111505.3	-1020.1	3341	9.3	114059.5	-1007.8	3431	9.5	120801.5	-1036.5
3162	9.4	105028.1	-1000.5	3252	8.9	111519.9	-1022.8	3342	9.1	114127.5	-1013.8	3432	9.9	120811.7	-1001.4
3163	9.8	105049.8	-1045.1	3253	9.8	111550.4	-1039.3	3343	10.	114137.4	-1019.2	3433	9.8	120852.0	-1036.1
3164	9.6	105109.4	-1018.5	3254	9.4	111619.1	-1002.4	3344	10.	114219.3	-1007.6	3434	9.3	120910.1	-1025.8
3165	8.7	105113.2	-1038.3	3255	9.6	111641.8	-1059.1	3345	9.6	114238.7	-1049.4	3435	9.8	120927.8	-1054.4
3166	9.4	105115.9	-1000.1	3256	9.4	111649.6	-1014.7	3346	8.7	114244.9	-1014.7	3436	9.9	120929.0	-1037.4
3167	9.5	105116.6	-1024.0	3257	8.3	111651.3	-1020.0	3347	9.0	114249.2	-1043.3	3437	9.1	121016.2	-1020.7
3168	10.	105155.6	-1030.7	3258	9.2	111653.9	-1015.2	3348	9.3	114253.3	-1029.5	3438	10.	121019.1	-1005.5
3169	9.8	105156.6	-1010.1	3259	9.1	111701.4	-1052.5	3349	9.5	114256.8	-1037.2	3439	10.	121022.7	-1041.4
3170	8.8	105201.8	-1010.8	3260	4.5	111717.1	-1003.4	3350	9.8	114302.2	-1015.4	3440	8.5	121023.2	-1011.9
3171	10.	105227.3	-1010.1	3261	9.5	111732.8	-1045.1	3351	9.5	114334.2	-1041.2	3441	10.	121107.2	-1011.3
3172	10.	105232.1	-1031.8	3262	10.	111740.9	-1021.7	3352	9.5	114343.1	-1054.0	3442	9.0	121143.0	-1043.4
3173	9.9	105233.2	-1037.4	3263	8.7	111741.6	-1024.8	3353	8.6	114343.9	-1024.1	3443	10.	121145.4	-1021.3
3174	9.1	105251.1	-1016.7	3264	10.	111831.0	-1004.5	3354	9.0	114344.6	-1029.5	3444	10.	121146.6	-1000.0
3175	9.5	105326.4	-1051.5	3265	9.6	111831.8	-1047.8	3355	9.0	114411.2	-1043.3	3445	9.6	121204.4	-1055.2
3176	8.8	105342.7	-1041.4	3266	10.	111914.3	-1055.2	3356	10.	114426.2	-1003.0	3446	8.5	121221.8	-1010.4
3177	9.1	105351.8	-1051.7	3267	9.5	112000.0	-1007.4	3357	8.8	114447.6	-1030.0	3447	9.0	121241.9	-1035.2
3178	9.0	105356.7	-1044.4	3268	9.2	112009.8	-1050.1	3358	9.1	114456.8	-1019.2	3448	9.8	121250.5	-1026.9
3179	9.3	105403.6	-1030.0	3269	10.	112025.5	-1001.8	3359	9.8	114505.1	-1054.0	3449	10.	121326.1	-1001.6
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3183	9.8	105556.0	-1022.2	3273	9.4	112120.0	-1059.5	3363	8.2	114717.7	-1014.5	3453	8.7	121404.0	-1058.4
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3187	9.6	105708.4	-1029.2	3277	9.8	112203.8	-1036.7	3367	9.4	114809.0	-1041.6	3457	8.6	121506.4	-1045.1
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3191	9.6	105821.8	-1019.8	3281	9.0	112335.2	-1025.6	3371	9.6	114857.0	-1054.0	3461	9.8	121552.9	-1030.8
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-10 3492 12h25m

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3567 9.4 124631.1 -1036.0	3657 9.3 131309.6 -1003.6	3747 9.8 133754.9 -1032.1	3837 8.6 140248.9 -1042.0
3568 9.8 124632.6 -1034.1	3658 10. 131320.4 -1032.7	3748 8.0 133810.8 -1029.7	3838 9.1 140254.8 -1057.4
3569 9.6 124640.5 -1014.8	3659 9.0 131321.1 -1018.4	3749 10. 133828.4 -1003.4	3839 9.5 140305.3 -1024.4
3570 6.0 124645.6 -1051.5	3660 8.0 131357.6 -1059.2	3750 9.8 133841.3 -1028.5	3840 9.6 140306.4 -1036.6
3571 10. 124647.9 -1033.5	3661 9.6 131402.0 -1014.6	3751 9.2 133913.8 -1041.2	3841 9.8 140329.3 -1026.4
3572 9.8 124648.6 -1043.3	3662 10. 131418.6 -1019.9	3752 9.5 133922.9 -1024.7	3842 9.5 140404.2 -1017.6
3573 9.8 124712.6 -1027.1	3663 9.0 131437.4 -1051.5	3753 9.0 134008.6 -1033.3	3843 9.5 140437.3 -1043.9
3574 10. 124714.1 -1031.5	3664 10. 131439.0 -1041.6	3754 9.5 134011.1 -1002.0	3844 9.5 140443.3 -1029.7
3575 9.6 124724.0 -1027.1	3665 9.7 131446.5 -1046.3	3755 9.4 134014.3 -1004.1	3845 9.8 140454.2 -1056.0
3576 8.9 124802.3 -1040.8	3666 9.1 131531.8 -1037.9	3756 8.9 134020.5 -1045.5	3846 9.8 140502.8 -1025.9
3577 9.7 124808.1 -1008.9	3667 8.6 131541.3 -1017.0	3757 10. 134022.5 -1032.3	3847 9.5 140509.3 -1016.8
3578 8.8 124829.3 -1031.4	3668 9.5 131549.7 -1049.2	3758 10. 134026.1 -1045.8	3848 9.2 140536.0 -1024.9
3579 9.8 124906.0 -1018.9	3669 9.4 131550.2 -1035.1	3759 8.5 134030.7 -1003.4	3849 9.2 140538.3 -1024.0
3580 9.6 124916.2 -1028.0	3670 8.0 131619.6 -1006.8	3760 9.4 134047.9 -1025.7	3850 9.5 140541.3 -1017.8
3581 8.5 124924.0 -1005.7	3671 9.5 131634.6 -1000.2	3761 8.8 134049.4 -1034.6	3851 9.6 140605.0 -1056.7

-10 3851 14h06m

-10 3852 14h06m

-10 4210 15h49m

3852	9.6	140606.8	-1042.1	3942	9.8	143342.7	-1033.4	4032	9.4	145836.0	-1037.1	4121	9.1	152444.2	-1041.4
3853	10.	140634.9	-1005.0	3943	8.5	143351.5	-1013.4	4033	10.	145842.7	-1042.5	4122	8.5	152539.3	-1034.6
3854	10.	140710.4	-1033.9	3944	9.8	143357.8	-1044.8	4034	9.7	145843.4	-1058.3	4123	9.6	152546.7	-1003.4
3855	10.	140713.2	-1038.9	3945	9.7	143407.2	-1019.5	4035	9.6	145850.6	-1039.9	4124	9.6	152648.5	-1021.0
3856	9.5	140726.4	-1008.3	3946	9.7	143439.2	-1044.7	4036	9.4	145909.8	-1054.3	4125	8.9	152703.4	-1002.3
3857	9.4	140737.2	-1043.4	3947	8.6	143516.9	-1013.3	4037	9.8	145946.7	-1029.1	4126	9.2	152751.2	-1051.5
3858	9.5	140753.9	-1001.8	3948	10.	143640.4	-1008.2	4038	9.8	145951.6	-1028.4	4127	9.5	152828.2	-1056.5
3859	9.5	140758.6	-1048.2	3949	9.6	143644.7	-1047.5	4039	9.5	150010.6	-1034.2	4128	9.3	152844.4	-1057.7
3860	9.6	140810.5	-1013.6	3950	8.5	143702.1	-1015.1	4040	9.3	150028.0	-1009.4	4129	9.8	152858.2	-1008.7
3861	9.2	140811.0	-1031.9	3951	9.0	143703.3	-1036.6	4041	9.5	150032.7	-1025.3	4130	9.3	152907.1	-1034.6
3862	9.6	140818.1	-1003.4	3952	9.8	143711.8	-1013.3	4042	9.8	150119.6	-1048.1	4131	9.6	152918.6	-1009.5
3863	9.7	140858.2	-1018.3	3953	9.6	143715.9	-1003.3	4043	9.8	150205.5	-1004.3	4132	9.0	152924.4	-1007.5
3864	10.	140912.1	-1048.9	3954	9.4	143718.1	-1023.4	4044	8.5	150206.2	-1042.4	4133	9.6	152926.2	-1040.0
3865	9.2	140925.5	-1058.9	3955	9.3	143731.6	-1029.6	4045	9.0	150252.6	-1022.0	4134	9.4	152935.2	-1009.8
3866	9.1	140936.5	-1055.7	3956	8.5	143748.7	-1048.2	4046	9.8	150253.8	-1055.0	4135	9.9	153016.2	-1010.8
3867	9.4	141000.3	-1005.5	3957	8.9	143752.9	-1042.2	4047	9.8	150310.7	-1026.2	4136	9.4	153034.8	-1019.0
3868	10.	141030.6	-1037.4	3958	9.0	143829.1	-1028.8	4048	9.3	150315.5	-1004.1	4137	10.	153048.3	-1019.3
3869	9.5	141032.2	-1007.6	3959	9.8	143838.0	-1054.8	4049	7.8	150327.3	-1055.2	4138	9.5	153118.0	-1048.4
3870	9.7	141128.3	-1033.1	3960	9.8	143845.5	-1055.5	4050	8.7	150329.1	-1030.5	4139	9.7	153137.9	-1022.6
3871	10.	141130.5	-1054.3	3961	9.0	143914.7	-1056.5	4051	9.7	150418.0	-1015.6	4140	8.8	153141.9	-1032.3
3872	9.8	141148.2	-1034.5	3962	8.1	143915.4	-1045.3	4052	9.8	150426.5	-1005.5	4141	9.1	153214.7	-1002.7
3873	9.8	141151.6	-1012.8	3963	9.4	144000.1	-1041.0	4053	9.8	150436.6	-1022.7	4142	9.5	153234.6	-1009.7
3874	10.	141202.5	-1059.2	3964	9.1	144002.4	-1056.3	4054	10.	150451.9	-1055.0	4143	8.5	153237.0	-1024.6
3875	9.5	141220.6	-1037.3	3965	9.1	144031.0	-1023.4	4055	7.0	150523.1	-1027.6	4144	9.5	153253.8	-1018.5
3876	9.4	141223.3	-1023.5	3966	9.5	144113.3	-1004.7	4056	9.4	150528.8	-1054.6	4145	9.0	153402.6	-1050.6
3877	9.4	141224.8	-1019.2	3967	7.7	144121.4	-1013.0	4057	9.3	150536.2	-1038.6	4146	8.3	153405.1	-1040.3
3878	9.6	141245.1	-1019.7	3968	9.8	144126.7	-1057.2	4058	10.	150628.1	-1057.0	4147	10.	153444.2	-1013.1
3879	9.4	141327.8	-1012.9	3969	10.	144129.6	-1043.0	4059	9.8	150639.9	-1004.5	4148	9.4	153501.0	-1058.4
3880	7.8	141329.6	-1043.9	3970	9.4	144141.5	-1022.7	4060	10.	150652.6	-1032.7	4149	7.0	153517.0	-1027.7
3881	9.8	141332.2	-1033.1	3971	9.8	144152.0	-1030.4	4061	9.2	150724.5	-1001.6	4150	10.	153534.1	-1008.8
3882	8.0	141404.2	-1000.0	3972	9.4	144234.8	-1053.3	4062	10.	150728.6	-1023.3	4151	9.9	153536.1	-1017.7
3883	9.6	141441.0	-1046.0	3973	9.3	144319.7	-1019.3	4063	8.5	150730.2	-1054.8	4152	9.5	153545.6	-1055.7
3884	9.1	141502.1	-1014.4	3974	9.8	144352.9	-1036.5	4064	10.	150736.0	-1002.5	4153	9.8	153602.6	-1014.9
3885	9.8	141504.0	-1042.3	3975	9.1	144407.5	-1044.3	4065	9.0	150751.2	-1008.0	4154	8.4	153605.5	-1023.0
3886	10.	141504.7	-1003.6	3976	8.0	144430.2	-1052.4	4066	9.8	150751.5	-1025.7	4155	8.8	153606.2	-1046.7
3887	9.3	141508.8	-1009.5	3977	8.2	144437.0	-1036.1	4067	8.5	150814.5	-1003.2	4156	10.	153617.3	-1022.2
3888	8.0	141511.2	-1005.0	3978	9.3	144529.0	-1022.9	4068	9.5	150850.5	-1024.1	4157	9.9	153621.1	-1055.1
3889	9.8	141557.6	-1055.4	3979	9.8	144536.5	-1006.4	4069	9.3	150851.3	-1029.2	4158	9.6	153633.6	-1006.9
3890	9.5	141628.7	-1008.5	3980	9.8	144544.7	-1041.2	4070	9.6	150853.0	-1025.7	4159	9.6	153635.3	-1057.4
3891	9.0	141647.7	-1026.4	3981	9.5	144623.0	-1014.4	4071	9.2	150901.6	-1028.6	4160	9.5	153745.7	-1002.8
3892	9.2	141649.2	-1002.2	3982	9.2	144631.6	-1014.3	4072	8.9	150928.5	-1041.8	4161	9.6	153751.5	-1030.6
3893	10.	141703.5	-1019.5	3983	9.8	144752.4	-1032.9	4073	9.5	151003.6	-1051.0	4162	9.2	153839.6	-1052.3
3894	9.8	141707.0	-1046.2	3984	9.2	144809.6	-1013.9	4074	8.7	151010.0	-1030.0	4163	9.9	153845.0	-1035.8
3895	9.8	141711.6	-1027.9	3985	9.5	144809.7	-1020.7	4075	9.3	151043.8	-1056.6	4164	9.5	153907.6	-1053.4
3896	9.9	141725.9	-1051.5	3986	9.8	144841.4	-1030.0	4076	9.6	151105.0	-1033.4	4165	9.1	153915.4	-1010.1
3897	9.9	141734.6	-1026.6	3987	9.2	144845.3	-1017.7	4077	10.	151110.5	-1001.4	4166	9.9	153955.0	-1014.9
3898	9.6	141747.7	-1058.1	3988	9.3	144848.0	-1046.0	4078	10.	151122.0	-1007.2	4167	10.	154013.9	-1045.4
3899	9.9	141840.1	-1005.8	3989	5.5	144854.4	-1049.1	4079	9.5	151124.4	-1018.7	4168	9.4	154058.4	-1032.9
3900	8.8	141850.4	-1058.4	3990	9.0	144911.6	-1055.4	4080	8.7	151126.5	-1039.2	4169	9.7	154109.7	-1011.3
3901	9.5	141856.6	-1036.6	3991	9.3	145013.4	-1049.6	4081	9.5	151130.0	-1024.9	4170	9.5	154122.4	-1036.6
3902	9.5	141908.2	-1000.2	3992	9.0	145017.9	-1044.8	4082	9.5	151148.4	-1006.3	4171	9.7	154136.3	-1016.2
3903	10.	141918.6	-1008.3	3993	9.3	145022.9	-1045.9	4083	8.9	151158.0	-1038.7	4172	9.0	154138.4	-1023.6
3904	8.5	142000.4	-1040.2	3994	7.0	145022.9	-1034.2	4084	8.6	151217.6	-1037.4	4173	9.3	154202.5	-1051.4
3905	9.6	142010.6	-1023.2	3995	9.5	145023.3	-1054.9	4085	8.3	151237.9	-1030.0	4174	8.6	154204.4	-1036.7
3906	9.4	142021.0	-1054.8	3996	9.3	145037.2	-1002.8	4086	9.1	151324.6	-1012.6	4175	9.5	154207.6	-1052.5
3907	9.0	142055.6	-1031.0	3997	8.7	145041.4	-1023.9	4087	8.1	151341.4	-1057.5	4176	8.7	154251.7	-1016.6
3908	9.4	142056.4	-1024.8	3998	10.	145044.0	-1007.9	4088	8.0	151444.9	-1007.6	4177	9.6	154301.5	-1054.2
3909	9.8	142107.6	-1026.8	3999	6.2	145103.4	-1033.4	4089	9.4	151447.8	-1039.5	4178	8.0	154302.2	-1032.8
3910	9.0	142144.3	-1007.4	4000	10.	145106.7	-1047.8	4090	8.0	151453.0	-1041.0	4179	9.0	154334.9	-1024.7
3911	10.	142225.0	-1007.9	4001	9.2	145120.6	-1053.2	4091	9.4	151500.9	-1023.6	4180	8.9	154346.5	-1042.6
3912	9.4	142227.0	-1032.2	4002	9.4	145148.2	-1001.7	4092	8.5	151511.8	-1055.9	4181	9.4	154352.0	-1041.7
3913	10.	142229.6	-1006.3	4003	9.2	145149.8	-1003.1	4093	9.4	151517.4	-1044.5	4182	9.4	154420.8	-1022.5
3914	9.8	142246.6	-1017.2	4004	9.3	145153.4	-1058.8	4094	9.6	151557.7	-1030.9	4183	9.4	154423.4	-1041.7
3915	9.7	142325.9	-1044.2	4005	9.3	145154.6	-1019.8	4095	8.8	151638.3	-1020.6	4184	9.2	154427.9	-1027.7
3916	9.8	142357.5	-1027.8	4006	9.2	145201.5	-1036.6	4096	9.2	151638.5	-1031.3	4185	9.7	154440.3	-1019.6
3917	9.6	142359.0	-1025.9	4007	7.5	145202.2	-1020.6	4097	9.2	151656.4	-1014.1	4186	9.4	154503.7	-1023.5
3918	9.3	142404.7	-1035.2	4008	9.5	145205.3	-1006.5	4098	7.8	151719.3	-1028.4	4187	9.3	154510.0	-1051.1
3919	9.4	142421.4	-1016.0	4009	9.8	145246.3	-1037.8	4099	9.1	151721.3	-1037.0	4188	9.1	154516.5	-1005.2
3920	8.2	142424.9	-1017.4	4010	9.2	145246.6	-1006.4	4100	9.5	151733.9	-1002.7	4189	9.5	154526.9	-1048.8
3921	9.1	142433.1	-1022.0	4011	9.3	145252.8	-1032.7	4101	9.8	151741.4	-1014.1	4190	10.	154541.0	-1055.3
3922	9.5	142518.3	-1005.0	4012	9.1	145305.2	-1015.5	4102	9.2	151800.5	-1016.0	4191	9.0	154544.9	-1007.3
3923	9.3	142540.7	-1000.0	4013	9.1	145359.9	-1031.2	4102a	9.5	151803.4	-1035.7	4192	9.0	154559.0	-1013.1
3924	9.2	142627.7	-1015.3	4014	10.	145435.1	-1047.1	4103	9.1	151805.6	-1037.9	4193	8.9	154600.5	-1055.0
3925	9.0	142629.9	-1032.3	4015	9.8	145447.4	-1039.8	4104	9.5	151806.5	-1000.6	4194	10.	154609.8	-1024.7
3926	9.0	142636.0	-1021.5	4016	9.3	145455.8	-1007.4	4105	9.8	151924.8	-1014.0	4195	6.8	154616.8	-1039.4
3927	8.8	142657.0	-1014.0	4017	9.2	145511.7	-1056.7	4106	9.1	151931.8	-1054.9	4196	9.8	154617.2	-1009.8
3928	8.7	142718.9	-1053.5	4018	9.5	145538.1	-1040.5	4107	7.5	151957.7	-1026.9	4197	9.2	154619.3	-1029.5
3929	9.7	142729.3	-1054.5	4019	8.0	145602.2	-1025.9	4108	7.5	152018.3	-1056.7	4198	9.7	154633.8	-1010.6
3930	10.	142753.1	-1001.8	4020	10.	145613.4	-1056.8	4109	9.9	152041.6	-1049.8	4199	10.	154641.8	-1003.8
3931	9.5	142758.3	-1045.9	4021	8.6	145625.7	-1027.2	4110	10.	152106.4	-1021.1	4200	10.	154717.4	-1051.9
3932	9.0	142839.3	-1027.5	4022	9.7	145644.8	-1017.3	4111	10.	152109.8	-1007.7	4201	9.5	154725.8	-1040.2
3933	9.3	142943.3	-1015.0	4023	10.	145645.8	-1057.4	4112	9.7	152111.3	-1010.4	4202	9.6	154729.5	-1037.6
3934	9.8	143021.7	-1055.5	4024	9.8	145724.7	-1021.9	4113	9.5	152122.6	-1028.1	4203	9.6	154731.1	-1004.8
3935	9.5	143048.2	-1055.6	4025	10.	145733.6	-1056.4	4114	9.5	152123.8	-1009.6	4204	9.0	154748.3	-1031.4
3936	8.5	143126.2	-1058.0	4026	8.9	145735.2	-1001.6	4115	9.5	152216.3	-1044.3	4205	9.5	154826.7	-1025.6
3937	9.5	143137.7	-1024.8	4027	9.8	145804.3	-1056.7	4116	9.8	152239.9	-1018.1	4206	8.5	154834.7	-1040.3
3938	9.8	143142.8	-1037.1	4028	10.	145806.1	-1012.3	4117	9.7	152242.8	-1021.5	4207	8.5	154842.3	-1033.1
3939	10.	143243.5	-1055.4	4029	8.7	145814.0	-1038.0	4118	9.4	152259.1	-1059.8	4208	10.	154848.3	-1047.6
3940	9.0	143312.5	-1006.1	4030	9.0	145820.7	-1009.8	4119	8.1	152343.2	-1045.0	4209	8.9	154904.7	-1037.1
3941	8.0	143329.7	-1044.4	4031	9.7	145825.8	-1042.5	4120	9.2	152350.2	-1040.8	4210	9.7	154905.4	-1002.7

-10 4211 15h49m

4211	7.5	154911.7	-1027.6	4301	9.5	161329.2	-1050.5	4391	9.5	163945.7	-1006.6	4481	9.4	171417.9	-1028.6
4212	10.	154923.9	-1005.5	4302	8.8	161336.9	-1006.0	4392	9.1	164016.6	-1002.8	4482	9.1	171449.3	-1032.2
4213	9.8	154935.9	-1014.4	4303	9.5	161341.8	-1026.7	4393	9.4	164135.0	-1010.2	4483	9.8	171455.5	-1028.6
4214	9.0	154951.9	-1042.2	4304	9.5	161359.4	-1005.5	4394	5.1	164149.4	-1031.1	4484	8.9	171509.4	-1016.0
4215	9.8	154956.8	-1032.2	4305	7.9	161435.2	-1058.9	4395	9.1	164153.8	-1055.4	4485	9.2	171528.8	-1031.9
4216	8.0	155115.8	-1031.6	4306	9.1	161448.1	-1055.3	4396	9.2	164211.1	-1024.7	4486	9.6	171536.8	-1020.4
4217	9.8	155138.3	-1051.3	4307	9.4	161509.4	-1023.0	4397	9.7	164217.5	-1045.4	4487	9.5	171642.7	-1035.4
4218	9.2	155139.7	-1023.9	4308	9.0	161557.9	-1041.6	4398	9.8	164304.4	-1023.1	4488	9.4	171701.0	-1056.0
4219	9.0	155145.2	-1023.4	4309	7.8	161605.1	-1041.2	4399	9.1	164352.3	-1023.1	4489	10.	171722.0	-1019.4
4220	9.2	155206.3	-1010.0	4310	9.5	161609.3	-1055.4	4400	9.8	164359.8	-1002.7	4490	9.5	171731.5	-1015.0
4221	9.6	155303.5	-1019.1	4311	9.0	161613.8	-1052.6	4401	9.5	164447.9	-1015.4	4491	10.	171736.1	-1024.7
4222	9.8	155314.5	-1006.6	4312	9.5	161634.6	-1037.6	4402	9.7	164449.3	-1057.2	4492	9.1	171811.8	-1034.5
4223	9.8	155320.3	-1053.6	4313	10.	161700.0	-1031.8	4403	8.3	164532.5	-1030.8	4493	7.5	171814.7	-1051.7
4224	9.4	155322.8	-1031.9	4314	9.4	161704.9	-1025.9	4404	9.7	164537.7	-1039.1	4494	9.4	171828.6	-1017.0
4225	9.7	155335.3	-1056.9	4315	9.8	161834.8	-1040.9	4405	9.5	164604.0	-1057.2	4495	9.7	171918.3	-1018.0
4226	8.5	155335.9	-1051.8	4316	9.5	161856.4	-1042.8	4406	10.	164651.4	-1018.2	4496	9.3	171938.8	-1038.3
4227	8.6	155402.6	-1053.0	4317	9.2	161905.3	-1049.4	4407	9.4	164705.7	-1057.4	4497	8.9	171955.6	-1018.3
4228	9.8	155404.6	-1042.9	4318	9.5	161918.9	-1042.9	4408	9.4	164715.5	-1037.8	4498	9.3	172010.0	-1054.7
4229	9.3	155418.7	-1017.5	4319	9.0	161920.9	-1027.4	4409	9.0	164730.6	-1010.6	4499	9.2	172040.3	-1024.2
4230	9.0	155451.7	-1013.3	4320	8.5	161946.8	-1051.4	4410	9.4	164733.7	-1058.8	4500	9.9	172052.2	-1014.1
4231	9.5	155501.1	-1018.6	4321	9.6	161957.4	-1023.3	4411	9.5	164750.1	-1003.0	4501	8.8	172108.6	-1039.5
4232	10.	155512.0	-1056.3	4322	8.3	162055.5	-1000.8	4412	10.	164840.7	-1020.6	4502	9.7	172114.1	-1025.4
4233	9.0	155528.0	-1058.0	4323	9.5	162122.3	-1052.3	4413	8.7	164843.1	-1043.1	4503	9.2	172219.9	-1014.4
4234	9.3	155550.6	-1054.3	4324	9.0	162127.2	-1053.7	4414	9.7	164852.6	-1056.9	4504	9.2	172223.9	-1048.8
4235	9.2	155601.8	-1049.2	4325	10.	162137.8	-1033.4	4415	9.8	164916.2	-1055.7	4505	9.7	172242.6	-1044.8
4236	9.5	155622.8	-1051.4	4326	9.8	162141.8	-1008.0	4416	9.7	164920.6	-1010.0	4506	9.2	172251.5	-1046.8
4237	4.4	155624.5	-1057.8	4327	7.0	162149.5	-1048.2	4417	6.8	164925.1	-1043.8	4507	7.7	172315.0	-1051.1
4238	9.8	155625.7	-1019.7	4328	9.5	162208.3	-1048.0	4418	8.0	165012.5	-1018.8	4508	10.	172325.8	-1035.8
4239	9.6	155655.6	-1041.9	4329	7.5	162228.4	-1007.1	4419	10.	165032.9	-1054.6	4509	9.3	172328.5	-1012.7
4240	9.6	155700.9	-1033.6	4330	9.5	162239.4	-1024.0	4420	9.1	165149.0	-1042.3	4510	9.4	172328.9	-1001.0
4241	8.6	155704.0	-1049.2	4331	8.7	162243.4	-1020.0	4421	9.8	165158.1	-1056.8	4511	9.2	172336.3	-1003.4
4242	8.7	155749.0	-1024.3	4332	8.7	162249.1	-1029.1	4422	9.9	165229.3	-1044.6	4512	8.1	172352.9	-1020.5
4243	9.1	155814.2	-1035.9	4333	9.9	162317.8	-1024.4	4423	8.3	165233.7	-1051.2	4513	9.8	172355.7	-1056.8
4244	9.0	155814.8	-1028.8	4334	9.5	162435.4	-1009.6	4424	10.	165241.5	-1029.4	4514	8.7	172406.1	-1036.5
4245	9.9	155818.7	-1055.2	4335	9.8	162447.9	-1054.0	4425	7.8	165422.4	-1044.4	4515	9.7	172422.4	-1013.9
4246	9.0	155843.5	-1007.9	4336	6.9	162457.4	-1015.0	4426	9.3	165444.7	-1019.2	4516	10.	172447.9	-1035.7
4247	9.8	155845.4	-1000.4	4337	9.8	162537.8	-1053.7	4427	9.8	165458.3	-1032.2	4517	9.3	172448.4	-1008.8
4248	9.4	155847.0	-1018.1	4338	8.5	162552.2	-1027.1	4428	9.8	165509.1	-1057.8	4518	9.3	172518.1	-1018.6
4249	10.	155900.9	-1003.2	4339	8.0	162610.0	-1022.2	4429	9.5	165512.2	-1045.6	4519	9.5	172532.0	-1052.8
4250	10.	155905.7	-1000.0	4340	8.4	162612.9	-1011.0	4430	9.5	165521.3	-1012.3	4520	9.1	172554.3	-1055.8
4251	9.1	155907.6	-1047.0	4341	9.8	162615.0	-1032.5	4431	9.6	165523.5	-1006.2	4521	9.8	172654.7	-1035.2
4252	9.0	155948.1	-1004.2	4342	9.7	162615.1	-1052.4	4432	9.8	165601.2	-1044.7	4522	9.2	172750.2	-1013.7
4253	9.3	160020.7	-1016.8	4343	8.9	162618.4	-1003.6	4433	9.6	165604.5	-1025.4	4523	9.5	172801.7	-1051.7
4254	9.4	160059.3	-1013.9	4344	9.5	162623.6	-1018.8	4434	9.8	165605.5	-1042.7	4524	9.9	172803.9	-1042.7
4255	8.2	160111.8	-1033.4	4345	9.4	162657.8	-1057.1	4435	9.4	165625.2	-1056.6	4525	9.4	172838.5	-1056.1
4256	9.4	160117.6	-1027.3	4346	10.	162711.9	-1046.0	4436	7.0	165632.3	-1052.4	4526	9.5	172911.7	-1017.4
4257	9.8	160146.0	-1032.5	4347	9.4	162753.3	-1047.1	4437	9.4	165638.8	-1033.5	4527	10.	172952.9	-1016.0
4258	8.0	160152.4	-1045.1	4348	9.5	162826.6	-1015.0	4438	9.8	165731.9	-1001.6	4528	6.5	173006.8	-1049.9
4259	9.6	160217.7	-1008.4	4349	9.8	162906.0	-1025.7	4439	9.5	165810.0	-1026.6	4529	9.8	173038.5	-1059.0
4260	10.	160218.9	-1023.8	4350	3.0	162911.0	-1016.3	4440	7.8	165828.4	-1036.2	4530	8.7	173051.8	-1047.7
4261	9.8	160233.8	-1045.3	4351	9.3	162923.4	-1005.0	4441	9.2	165842.1	-1022.3	4531	9.4	173100.0	-1048.3
4262	9.6	160248.7	-1009.6	4352	9.6	162925.3	-1027.2	4442	8.8	165931.9	-1038.8	4532	8.8	173118.8	-1037.0
4263	9.5	160313.5	-1015.8	4353	9.2	162945.9	-1053.2	4443	9.5	170007.7	-1047.4	4533	9.3	173126.5	-1023.5
4264	8.3	160332.9	-1052.9	4354	8.7	163037.6	-1033.4	4444	9.5	170116.9	-1042.5	4534	9.1	173211.4	-1033.6
4265	8.7	160400.6	-1014.7	4355	9.4	163039.0	-1044.7	4445	9.1	170147.6	-1019.7	4535	9.5	173237.8	-1045.1
4266	8.8	160402.9	-1022.9	4356	10.	163041.2	-1011.8	4446	9.0	170213.8	-1047.0	4536	9.4	173321.2	-1012.4
4267	8.0	160421.8	-1049.3	4357	9.4	163048.3	-1036.1	4447	8.4	170233.5	-1041.3	4537	9.0	173331.1	-1014.8
4268	8.5	160431.4	-1006.6	4358	9.0	163051.3	-1009.2	4448	9.6	170312.1	-1013.9	4538	10.	173403.7	-1056.6
4269	9.5	160505.3	-1044.5	4359	9.7	163100.6	-1040.7	4449	8.6	170338.4	-1027.1	4539	9.6	173432.9	-1028.5
4270	9.9	160521.3	-1054.3	4360	9.6	163104.4	-1014.5	4450	9.4	170348.0	-1014.6	4540	8.4	173452.2	-1043.0
4271	9.7	160530.7	-1021.7	4361	9.8	163115.2	-1050.4	4451	9.9	170411.5	-1017.7	4541	9.3	173530.4	-1054.7
4272	9.6	160530.9	-1027.8	4362	9.8	163137.9	-1012.4	4452	9.2	170429.9	-1037.7	4542	9.4	173532.1	-1048.0
4273	9.5	160549.9	-1012.9	4363	9.6	163147.6	-1015.6	4453	7.8	170430.5	-1005.9	4543	9.5	173622.0	-1003.9
4274	9.2	160550.6	-1012.1	4364	9.7	163151.6	-1040.4	4454	9.5	170433.1	-1007.1	4544	9.4	173623.2	-1043.7
4275	9.4	160611.4	-1040.0	4365	10.	163156.8	-1028.0	4455	9.3	170450.3	-1034.3	4545	7.6	173634.1	-1016.0
4276	7.7	160620.0	-1002.6	4366	9.2	163234.2	-1041.8	4456	8.5	170500.5	-1030.4	4546	7.0	173749.7	-1017.0
4277	9.0	160630.3	-1050.5	4367	9.7	163255.3	-1024.2	4457	10.	170501.8	-1024.3	4547	9.4	173859.8	-1043.5
4278	8.3	160635.6	-1017.5	4368	9.6	163313.4	-1034.1	4458	9.1	170519.8	-1010.4	4548	9.7	173917.7	-1018.8
4279	9.6	160712.8	-1046.0	4369	9.8	163345.6	-1017.5	4459	9.4	170533.9	-1001.1	4549	9.4	173925.6	-1052.3
4280	7.5	160727.6	-1040.2	4370	9.7	163348.2	-1037.3	4460	9.0	170533.8	-1005.4	4550	9.3	173946.7	-1033.4
4281	9.1	160743.0	-1027.3	4371	9.6	163401.7	-1058.9	4461	9.1	170607.8	-1041.5	4551	9.5	173947.1	-1017.3
4282	9.7	160821.4	-1018.3	4372	9.8	163413.2	-1051.8	4462	7.5	170734.4	-1007.7	4552	9.5	174001.0	-1034.4
4283	10.	160829.4	-1011.8	4373	7.1	163434.8	-1053.2	4463	9.3	170808.8	-1043.2	4553	7.8	174037.7	-1013.1
4284	9.9	160836.7	-1020.3	4374	9.3	163454.4	-1010.5	4464	8.3	170850.0	-1044.0	4554	8.9	174125.3	-1043.3
4285	9.9	160838.6	-1039.9	4375	10.	163510.8	-1010.2	4465	8.2	170901.1	-1030.0	4555	9.8	174126.4	-1015.6
4286	9.5	160841.0	-1019.8	4376	9.4	163533.6	-1056.9	4466	9.3	170911.1	-1037.0	4556	8.8	174137.6	-1053.7
4287	9.4	160854.8	-1017.3	4377	9.4	163535.7	-1005.1	4467	8.6	170925.4	-1041.1	4557	8.4	174145.0	-1025.4
4288	9.4	160938.9	-1019.2	4378	9.8	163600.3	-1015.8	4468	9.0	170957.5	-1012.0	4558	9.9	174155.2	-1050.8
4289	9.8	161012.6	-1055.7	4379	9.8	163607.1	-1047.1	4469	9.2	171004.0	-1058.2	4559	9.5	174344.0	-1004.7
4290	9.7	161041.5	-1043.8	4380	9.7	163624.6	-1057.9	4470	7.3	171040.5	-1003.4	4560	6.5	174459.2	-1051.6
4291	8.7	161044.3	-1056.0	4381	10.	163648.7	-1012.2	4471	9.3	171108.7	-1058.3	4561	7.8	174510.0	-1019.8
4292	9.0	161051.4	-1025.7	4382	9.6	163701.1	-1021.9	4472	9.7	171112.8	-1029.4	4562	9.7	174544.7	-1015.8
4293	9.5	161058.8	-1038.2	4383	7.8	163722.2	-1023.5	4473	9.8	171121.0	-1029.2	4563	10.	174616.7	-1015.0
4294	9.4	161133.8	-1038.2	4384	8.2	163734.9	-1039.2	4474	9.6	171140.3	-1008.9	4564	9.1	174758.3	-1021.7
4295	9.6	161216.5	-1016.9	4385	10.	163807.1	-1038.6	4475	9.8	171204.7	-1058.5	4565	8.5	174826.8	-1009.4
4296	9.1	161236.4	-1023.5	4386	9.5	163831.7	-1011.1	4476	8.7	171207.8	-1032.9	4566	9.8	174850.5	-1007.1
4297	8.9	161249.3	-1050.7	4387	9.5	163852.3	-1023.7	4477	6.7	171250.8	-1032.6	4567	9.5	174851.4	-1002.0
4298	9.8	161312.3	-1042.7	4388	8.3	163856.1	-1052.4	4478	9.2	171308.3	-1058.1	4568	9.7	174852.0	-1018.7
4299	9.5	161316.4	-1011.7	4389	9.2	163927.7	-1058.6	4479	8.3	171339.7	-1054.7	4569	9.0	174903.5	-1055.9
4300	9.0	161321.8	-1031.7	4390	8.7	163934.1	-1015.5	4480	9.4	171350.8	-1038.7	4570	9.1	174948.7	-1020.4

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4571	9.5	174952.3	-1014.0	4661	9.2	181221.3	-1047.9	4751	9.4	183251.0	-1022.1	4841	8.6	184435.4	-1022.9
4572	9.5	175017.4	-1035.5	4662	9.5	181222.9	-1014.9	4752	9.4	183256.1	-1039.8	4842	9.4	184448.6	-1031.1
4573	9.7	175106.9	-1008.8	4663	9.4	181250.0	-1001.7	4753	9.5	183302.7	-1015.9	4843	10.	184452.0	-1035.5
4574	9.5	175111.5	-1036.0	4664	10.	181309.8	-1010.4	4754	9.8	183312.9	-1054.9	4844	9.2	184453.3	-1031.0
4575	10.	175157.8	-1042.6	4665	9.9	181311.4	-1002.6	4755	9.5	183318.5	-1030.2	4845	10.	184453.6	-1005.7
4576	9.8	175219.8	-1004.8	4666	10.	181330.6	-1027.5	4756	8.3	183326.0	-1031.8	4846	9.9	184454.5	-1012.0
4577	9.3	175232.2	-1053.7	4667	9.1	181422.9	-1009.6	4757	9.0	183352.4	-1041.7	4847	9.8	184455.7	-1002.9
4578	9.6	175234.1	-1026.4	4668	9.8	181425.5	-1028.8	4758	10.	183414.4	-1030.6	4848	8.0	184514.4	-1024.0
4579	9.5	175243.5	-1019.8	4669	9.2	181426.8	-1011.7	4759	9.0	183424.1	-1013.8	4849	10.	184530.5	-1006.0
4580	9.0	175249.5	-1055.9	4670	8.4	181430.5	-1023.5	4760	9.0	183431.0	-1033.9	4850	10.	184531.6	-1017.3
4581	9.0	175254.5	-1011.2	4671	9.4	181445.0	-1004.7	4761	9.8	183442.5	-1046.6	4851	9.4	184534.2	-1045.7
4582	9.8	175300.3	-1019.5	4672	9.4	181453.3	-1020.1	4762	9.4	183449.0	-1026.3	4852	9.0	184551.6	-1026.3
4583	7.6	175330.2	-1013.2	4673	6.4	181501.5	-1017.0	4763	9.8	183449.7	-1047.7	4853	9.2	184601.1	-1013.7
4584	9.2	175332.8	-1015.9	4674	10.	181511.4	-1058.5	4764	8.7	183459.9	-1007.7	4854	9.3	184611.4	-1057.9
4585	9.4	175342.3	-1047.9	4675	9.5	181514.8	-1049.5	4765	10.	183508.0	-1057.7	4855	8.8	184612.2	-1041.5
4586	9.2	175411.7	-1011.5	4676	9.5	181522.4	-1047.8	4766	10.	183517.4	-1011.6	4856	9.6	184613.7	-1055.1
4587	9.0	175419.5	-1030.3	4677	9.9	181540.3	-1023.7	4767	9.4	183526.0	-1059.4	4857	9.5	184619.7	-1040.4
4588	8.3	175424.8	-1006.5	4678	9.1	181549.8	-1013.8	4768	8.3	183540.0	-1052.3	4858	9.3	184627.3	-1055.8
4589	9.8	175455.3	-1009.3	4679	9.2	181559.2	-1010.4	4769	9.8	183545.6	-1042.5	4859	9.0	184636.0	-1007.3
4590	8.4	175502.6	-1025.5	4680	9.0	181605.9	-1046.0	4770	10.	183548.3	-1058.2	4860	9.3	184636.6	-1026.9
4591	9.8	175507.8	-1015.2	4681	9.5	181616.8	-1026.0	4771	8.5	183600.0	-1017.9	4861	9.2	184643.1	-1054.4
4592	8.9	175512.2	-1051.7	4682	9.0	181618.2	-1053.0	4772	9.4	183606.7	-1057.3	4862	9.0	184650.2	-1053.5
4593	9.8	175516.3	-1018.7	4683	10.	181623.5	-1003.4	4773	9.5	183607.5	-1002.8	4863	7.4	184653.7	-1041.2
4594	9.5	175528.7	-1026.5	4684	8.3	181628.5	-1029.1	4774	9.7	183610.5	-1050.9	4864	9.8	184701.7	-1024.0
4595	9.4	175534.0	-1016.1	4685	9.8	181643.9	-1055.4	4775	9.6	183611.0	-1055.0	4865	9.5	184703.4	-1040.7
4596	9.6	175557.7	-1016.0	4686	9.7	181656.2	-1033.2	4776	8.3	183638.0	-1035.0	4866	9.6	184710.5	-1008.6
4597	9.4	175601.1	-1053.3	4687	9.2	181705.7	-1012.8	4777	8.5	183639.4	-1045.0	4867	8.8	184714.7	-1035.9
4598	7.4	175617.0	-1054.5	4688	9.2	181705.9	-1004.3	4778	9.6	183644.3	-1018.4	4868	9.5	184716.3	-1004.8
4599	9.6	175623.5	-1040.8	4689	9.7	181707.9	-1029.2	4779	9.0	183645.4	-1040.8	4869	9.3	184722.5	-1018.7
4600	8.9	175631.7	-1047.0	4690	9.1	181711.9	-1006.1	4780	9.5	183717.6	-1058.7	4870	8.8	184731.0	-1008.2
4601	9.7	175648.1	-1010.4	4691	9.8	181720.3	-1046.5	4781	9.7	183724.3	-1015.3	4871	9.7	184755.1	-1055.6
4602	8.5	175704.6	-1030.8	4692	9.8	181819.8	-1046.0	4782	9.3	183729.3	-1059.0	4872	9.5	184813.9	-1012.5
4603	9.8	175725.7	-1034.8	4693	10.	181833.6	-1019.7	4783	9.7	183731.4	-1017.0	4873	9.4	184816.5	-1056.3
4604	9.5	175731.9	-1044.7	4694	9.5	181838.3	-1048.5	4784	9.2	183731.7	-1040.5	4874	9.8	184816.5	-1006.1
4605	9.8	175734.2	-1035.8	4695	9.4	181846.6	-1009.3	4785	9.8	183734.5	-1046.8	4875	9.5	184830.2	-1034.6
4606	9.5	175737.4	-1006.7	4696	9.0	181914.6	-1014.6	4786	9.2	183749.3	-1056.1	4876	9.0	184830.9	-1042.4
4607	9.2	175749.3	-1002.9	4697	9.4	181915.8	-1038.8	4787	7.0	183751.0	-1038.3	4877	10.	184857.9	-1052.9
4608	9.5	175753.8	-1009.2	4698	9.2	181934.3	-1044.5	4788	8.5	183755.8	-1008.8	4878	9.0	184859.1	-1055.0
4609	9.5	175803.7	-1045.2	4699	9.4	181944.4	-1007.3	4789	9.5	183756.5	-1023.7	4879	9.1	184904.8	-1008.2
4610	9.9	175809.3	-1011.9	4700	9.6	182013.8	-1044.0	4790	9.8	183800.7	-1049.1	4880	10.	184913.4	-1035.1
4611	8.7	175833.1	-1017.9	4701	9.6	182020.9	-1017.4	4791	9.4	183800.8	-1023.7	4881	9.7	184928.6	-1016.5
4612	8.7	175835.7	-1047.9	4702	9.7	182024.9	-1014.8	4792	8.2	183802.7	-1025.9	4882	9.9	184929.5	-1007.4
4613	10.	175913.8	-1018.4	4703	9.3	182032.1	-1054.7	4793	8.5	183824.5	-1028.7	4883	8.6	184936.9	-1012.1
4614	9.6	175930.6	-1023.7	4704	9.1	182042.0	-1003.3	4794	9.5	183825.0	-1003.1	4884	9.3	184941.1	-1025.3
4615	9.6	175949.4	-1005.5	4705	8.1	182046.5	-1018.8	4795	9.7	183828.2	-1056.8	4885	9.5	184942.2	-1018.4
4616	8.0	180015.7	-1033.9	4706	9.9	182115.0	-1019.4	4796	9.6	183843.0	-1004.5	4886	9.4	185002.2	-1026.2
4617	9.3	180026.2	-1059.7	4707	8.8	182141.4	-1023.1	4797	6.1	183843.3	-1016.5	4887	9.5	185006.7	-1026.0
4618	9.4	180042.3	-1012.2	4708	9.1	182149.9	-1045.7	4798	10.	183845.9	-1025.6	4888	9.8	185008.3	-1055.8
4619	8.5	180130.6	-1050.4	4709	7.7	182229.5	-1057.6	4799	9.5	183846.3	-1031.1	4889	9.5	185027.1	-1007.6
4620	9.3	180139.1	-1042.7	4710	9.5	182257.1	-1055.7	4800	9.4	183914.2	-1034.5	4890	9.3	185032.8	-1035.1
4621	9.6	180314.8	-1009.3	4711	9.5	182304.0	-1034.4	4801	9.6	183923.4	-1026.6	4891	10.	185036.0	-1007.6
4622	9.0	180330.7	-1017.8	4712	9.8	182321.0	-1001.2	4802	9.4	183949.5	-1031.4	4892	9.2	185037.9	-1009.5
4623	9.5	180334.9	-1055.0	4713	5.5	182323.9	-1053.4	4803	9.5	183959.1	-1041.5	4893	9.5	185039.7	-1021.0
4624	9.0	180408.9	-1003.8	4714	9.6	182325.1	-1043.1	4804	8.5	184001.2	-1018.0	4894	8.8	185047.8	-1047.1
4625	8.2	180422.2	-1045.6	4715	9.4	182354.3	-1030.2	4805	9.4	184001.7	-1050.6	4895	9.8	185059.8	-1009.7
4626	9.3	180423.2	-1055.8	4716	9.1	182408.2	-1016.8	4806	9.5	184029.6	-1045.7	4896	9.1	185105.4	-1011.5
4627	9.4	180443.7	-1011.7	4717	8.5	182500.4	-1048.4	4807	9.7	184037.5	-1055.9	4897	9.2	185111.6	-1014.1
4628	9.8	180449.8	-1006.6	4718	9.0	182523.0	-1032.6	4808	9.9	184037.6	-1031.8	4898	9.8	185116.2	-1011.6
4629	9.0	180459.6	-1029.3	4719	8.8	182548.0	-1004.8	4809	9.6	184054.4	-1019.5	4899	10.	185122.0	-1004.9
4630	9.3	180544.1	-1026.7	4720	9.0	182555.9	-1044.4	4810	9.9	184055.4	-1037.8	4900	8.8	185123.2	-1026.0
4631	10.	180616.0	-1002.0	4721	9.5	182605.0	-1013.6	4811	9.5	184057.0	-1036.9	4901	8.0	185126.3	-1046.6
4632	8.8	180620.7	-1043.0	4722	9.0	182625.5	-1000.2	4812	9.4	184058.5	-1005.1	4902	9.0	185143.5	-1018.7
4633	10.	180621.3	-1038.2	4723	8.0	182634.9	-1038.1	4813	9.3	184110.4	-1059.0	4903	9.6	185205.2	-1053.7
4634	9.5	180647.4	-1021.8	4724	9.5	182636.9	-1053.5	4814	9.4	184111.4	-1023.7	4904	9.5	185208.8	-1028.9
4635	9.8	180653.5	-1027.9	4725	8.7	182723.6	-1016.0	4815	8.7	184112.5	-1006.0	4905	10.	185209.6	-1003.5
4636	9.4	180656.4	-1058.2	4726	9.0	182755.4	-1038.8	4816	9.0	184113.6	-1044.6	4906	9.4	185216.7	-1027.1
4637	9.3	180722.4	-1000.6	4727	8.1	182805.2	-1059.9	4817	9.0	184115.7	-1022.9	4907	9.5	185219.5	-1002.0
4638	9.4	180732.6	-1052.3	4728	9.1	182813.0	-1041.3	4818	9.7	184117.7	-1053.2	4908	9.3	185243.2	-1049.6
4639	9.0	180758.8	-1008.0	4729	9.4	182856.9	-1045.0	4819	7.8	184131.1	-1032.6	4909	9.7	185251.9	-1049.6
4640	9.5	180807.7	-1022.3	4730	9.4	182928.1	-1016.8	4820	9.2	184132.7	-1022.3	4910	9.5	185302.4	-1017.6
4641	9.8	180848.6	-1023.7	4731	10.	182930.0	-1007.0	4821	9.5	184136.1	-1032.8	4911	9.4	185306.5	-1022.9
4642	8.0	180852.2	-1030.0	4732	8.8	182940.0	-1050.7	4822	9.8	184158.4	-1020.7	4912	9.1	185307.3	-1017.2
4643	9.5	180902.4	-1057.1	4733	9.5	182946.4	-1010.2	4823	8.9	184217.6	-1042.5	4913	9.4	185309.4	-1011.4
4644	9.5	180943.6	-1056.7	4734	9.6	182950.0	-1038.1	4824	9.4	184233.1	-1044.2	4914	9.1	185314.2	-1021.2
4645	9.7	180949.4	-1014.6	4735	9.8	182950.0	-1026.0	4825	9.0	184236.7	-1017.4	4915	8.9	185328.1	-1014.0
4646	8.6	181028.4	-1054.6	4736	9.4	183009.5	-1019.4	4826	9.4	184246.5	-1001.2	4916	9.5	185328.9	-1016.2
4647	9.0	181033.7	-1024.8	4737	9.5	183011.4	-1038.1	4827	10.	184255.7	-1023.8	4917	9.3	185329.3	-1009.1
4648	9.5	181103.9	-1005.2	4738	9.0	183030.9	-1007.9	4828	8.6	184304.8	-1023.7	4918	8.8	185334.7	-1054.4
4649	8.8	181122.7	-1046.0	4739	9.3	183101.8	-1056.8	4829	9.8	184307.6	-1027.8	4919	9.4	185341.6	-1015.6
4650	8.8	181126.2	-1030.5	4740	9.8	183110.5	-1006.3	4830	9.5	184317.6	-1029.0	4920	9.5	185346.3	-1047.4
4651	8.4	181133.1	-1059.1	4741	9.7	183114.5	-1036.2	4831	9.7	184319.7	-1052.4	4921	9.1	185350.3	-1019.4
4652	8.2	181144.3	-1056.7	4742	9.8	183125.1	-1011.7	4832	9.1	184322.1	-1038.4	4922	9.2	185351.6	-1020.8
4653	8.3	181148.7	-1031.5	4743	9.9	183133.6	-1035.7	4833	9.4	184329.7	-1014.2	4923	9.1	185353.1	-1022.6
4654	9.2	181153.8	-1043.7	4744	9.5	183142.4	-1009.0	4834	9.5	184331.1	-1033.7	4924	9.3	185409.2	-1034.7
4655	9.5	181201.4	-1001.2	4745	9.8	183143.2	-1031.1	4835	8.6	184339.9	-1057.2	4925	10.	185420.7	-1011.0
4656	9.1	181202.9	-1026.1	4746	9.5	183154.4	-1008.1	4836	9.5	184344.6	-1040.7	4926	6.5	185431.6	-1055.6
4657	9.3	181206.4	-1002.3	4747	8.9	183159.3	-1019.7	4837	9.4	184344.9	-1019.0	4927	9.3	185433.7	-1031.4
4658	9.5	181209.8	-1019.3	4748	9.1	183220.5	-1019.5	4838	9.2	184405.7	-1008.7	4928	9.5	185514.5	-1001.0
4659	9.8	181216.1	-1039.8	4749	8.7	183230.5	-1050.5	4839	9.5	184420.4	-1020.3	4929	9.1	185517.5	-1041.5
4660	9.7	181219.8	-1058.7	4750	9.5	183234.0	-1023.2	4840	9.5	184427.9	-1033.3	4930	9.0	185537.0	-1057.9

4931	8.8	185559.7	-1028.4	5021	9.3	190903.3	-1006.1	5111	9.0	192522.0	-1010.9	5201	9.2	194315.2	-1033.5
4932	8.9	185602.3	-1054.3	5022	10.	190931.6	-1017.5	5112	9.0	192536.7	-1046.1	5202	9.4	194358.1	-1010.7
4933	9.1	185606.8	-1044.7	5023	9.8	191002.0	-1040.0	5113	9.8	192557.1	-1033.0	5203	7.3	194403.6	-1043.1
4934	9.0	185608.7	-1029.1	5024	9.8	191023.0	-1049.1	5114	9.8	192557.8	-1018.9	5204	10.	194409.2	-1024.6
4935	9.6	185614.5	-1021.0	5025	10.	191027.1	-1001.6	5115	8.6	192609.7	-1042.4	5205	9.8	194421.1	-1000.5
4936	9.4	185615.6	-1017.2	5026	10.	191027.6	-1014.8	5116	9.1	192628.2	-1036.8	5206	9.8	194422.1	-1039.6
4937	9.5	185627.3	-1052.0	5027	9.8	191031.1	-1042.7	5117	9.8	192628.3	-1049.0	5207	9.5	194500.6	-1032.7
4938	9.6	185637.5	-1059.7	5028	8.7	191104.2	-1024.4	5118	9.0	192641.6	-1034.2	5208	9.5	194518.5	-1045.5
4939	9.7	185652.6	-1011.9	5029	9.6	191122.4	-1024.1	5119	10.	192659.8	-1013.5	5209	9.8	194522.3	-1002.9
4940	9.4	185655.3	-1038.4	5030	9.4	191127.9	-1034.7	5120	9.8	192700.7	-1015.7	5210	8.6	194532.8	-1028.9
4941	10.	185659.5	-1003.9	5031	9.5	191138.0	-1033.6	5121	9.3	192702.0	-1035.2	5211	9.5	194547.6	-1039.1
4942	9.6	185736.8	-1025.1	5032	9.5	191150.4	-1005.5	5122	5.3	192707.3	-1052.4	5212	9.8	194554.6	-1016.9
4943	9.4	185739.8	-1025.2	5033	9.4	191157.2	-1051.7	5123	9.3	192740.2	-1042.5	5213	9.9	194600.2	-1015.0
4944	9.3	185741.1	-1004.5	5034	8.5	191217.5	-1012.3	5124	9.5	192747.4	-1014.2	5214	9.6	194603.3	-1024.4
4945	9.8	185753.7	-1003.9	5035	7.3	191224.2	-1049.3	5125	9.5	192748.3	-1052.0	5215	9.2	194620.8	-1059.9
4946	8.9	185758.8	-1051.0	5036	9.1	191232.9	-1005.2	5126	8.3	192750.7	-1040.8	5216	9.4	194621.5	-1000.8
4947	9.7	185809.5	-1007.6	5037	9.4	191256.8	-1023.7	5127	8.9	192807.1	-1028.7	5217	8.2	194633.3	-1029.1
4948	8.7	185820.6	-1056.1	5038	9.4	191306.4	-1002.7	5128	9.8	192818.8	-1034.3	5218	10.	194642.5	-1050.3
4949	8.9	185827.3	-1000.9	5039	8.9	191308.4	-1002.7	5129	9.8	192823.9	-1019.5	5219	10.	194642.6	-1041.6
4950	9.8	185831.9	-1019.4	5040	9.4	191310.6	-1000.5	5130	8.3	192848.3	-1045.3	5220	9.9	194647.9	-1012.1
4951	9.1	185834.2	-1030.8	5041	8.3	191322.9	-1026.5	5131	7.2	192853.1	-1028.6	5221	9.7	194655.5	-1049.9
4952	9.6	185842.7	-1028.7	5042	10.	191324.2	-1026.0	5132	9.8	192856.9	-1026.1	5222	10.	194656.7	-1032.5
4953	10.	185846.3	-1035.0	5043	9.5	191324.4	-1000.2	5133	9.5	192935.8	-1051.4	5223	8.8	194733.5	-1056.9
4954	9.6	185851.1	-1044.0	5044	10.	191333.3	-1019.8	5134	9.2	192938.3	-1014.4	5224	9.8	194748.1	-1041.6
4955	9.0	185852.8	-1022.0	5045	8.9	191335.8	-1037.9	5135	8.0	192939.2	-1003.3	5225	9.9	194748.1	-1047.0
4956	9.8	185855.0	-1006.0	5046	9.8	191344.1	-1046.8	5136	9.6	192940.5	-1017.4	5226	9.0	194759.4	-1000.8
4957	9.7	185902.4	-1035.2	5047	9.1	191347.6	-1039.6	5137	7.2	192945.9	-1017.8	5227	9.8	194816.0	-1038.9
4958	9.5	185917.4	-1037.0	5048	9.2	191350.8	-1029.8	5138	9.0	193017.6	-1000.2	5228	9.5	194858.7	-1040.8
4959	10.	185936.0	-1049.6	5049	9.6	191408.2	-1022.8	5139	9.5	193042.6	-1014.1	5229	9.8	194901.0	-1007.7
4960	9.4	185936.5	-1044.3	5050	9.2	191426.1	-1038.2	5140	7.1	193045.4	-1038.9	5230	7.5	194957.5	-1025.0
4961	9.5	185940.4	-1010.0	5051	10.	191430.6	-1045.5	5141	9.7	193045.6	-1015.4	5231	9.2	195000.4	-1025.2
4962	9.5	185941.9	-1053.9	5052	9.1	191437.3	-1032.7	5142	8.8	193046.3	-1039.4	5232	9.6	195000.6	-1000.5
4963	9.2	185945.7	-1022.1	5053	8.5	191444.5	-100..8	5143	8.2	193057.3	-1039.8	5233	9.6	195005.2	-1043.9
4964	9.6	185946.1	-1055.5	5054	9.4	191452.9	-1023.0	5144	9.8	193115.0	-1036.2	5234	9.0	195044.7	-1044.1
4965	9.4	185948.0	-1024.0	5055	8.7	191454.5	-1018.4	5145	9.5	193118.8	-1044.1	5235	9.0	195111.7	-1056.5
4966	9.6	185951.1	-1051.8	5056	9.7	191503.6	-1057.0	5146	9.7	193141.2	-1019.3	5236	9.0	195124.2	-1055.8
4967	9.1	185955.3	-1034.6	5057	7.0	191509.5	-1058.6	5147	9.8	193154.9	-1008.4	5237	10.	195128.1	-1046.2
4968	9.7	190000.2	-1033.9	5058	9.1	191516.4	-1016.3	5148	9.3	193204.3	-1010.3	5238	6.3	195153.9	-1019.8
4969	8.7	190043.7	-1019.8	5059	9.2	191517.4	-1047.1	5149	9.5	193227.6	-1056.0	5239	9.2	195225.9	-102..2
4970	9.7	190050.3	-1027.0	5060	9.4	191523.2	-1052.3	5150	9.5	193232.6	-1054.3	5240	9.5	195230.8	-1011.7
4971	8.0	190106.8	-1004.3	5061	9.1	191548.9	-1006.4	5151	9.3	193248.2	-1030.2	5241	9.5	195236.6	-1050.1
4972	8.5	190114.3	-1026.5	5062	9.0	191555.5	-1034.1	5152	9.9	193309.8	-1058.9	5242	9.2	195245.8	-1058.2
4973	9.2	190145.4	-1033.5	5063	10.	191556.0	-1042.2	5153	9.7	193324.6	-1013.6	5243	9.5	195246.7	-1046.5
4974	9.9	190149.5	-1013.5	5064	10.	191621.7	-1017.5	5154	9.4	193333.3	-1015.2	5244	9.8	195301.7	-1041.4
4975	9.0	190212.9	-1053.5	5065	9.8	191646.1	-1011.0	5155	9.0	193404.1	-1025.8	5245	9.5	195322.7	-1043.8
4976	9.8	190214.0	-1055.2	5066	9.0	191656.4	-1006.0	5156	9.1	193410.6	-1035.8	5246	9.5	195327....	-1055.3
4977	9.6	190227.3	-1021.1	5067	9.5	191704.0	-1036.4	5157	9.3	193421.8	-1000.2	5247	9.4	195336.1	-1040.7
4978	9.6	190239.3	-1027.3	5068	10.	191724.8	-1008.2	5158	10.	193429.2	-1028.6	5248	9.2	195341.1	-1017.7
4979	9.3	190242.4	-1019.4	5069	9.4	191759.7	-1039.1	5159	9.4	193431.9	-1022.3	5249	9.0	195352.6	-1032.7
4980	9.3	190251.4	-1010.6	5070	9.9	191804.0	-1034.8	5160	9.8	193437.2	-1029.7	5250	9.4	195510.0	-1029.8
4981	8.9	190301.8	-1001.9	5071	9.7	191805.9	-1001.9	5161	9.6	193438.1	-1018.7	5251	10.	195523.4	-1025.1
4982	9.8	190306.0	-1047.8	5072	9.7	191809.8	-1019.0	5162	9.8	193523.7	-1033.1	5252	10.	195559.5	-1045.7
4983	9.1	190318.5	-1043.1	5073	9.5	191813.6	-1016.0	5163	9.8	193536.7	-1040.4	5253	9.6	195602.3	-1041.9
4984	8.3	190327.7	-1015.4	5074	9.8	191828.4	-1005.6	5164	9.4	193544.2	-1036.4	5254	9.8	195611.4	-1029.0
4985	8.6	190358.6	-1049.0	5075	9.6	191842.9	-1053.3	5165	9.3	193546.6	-1050.0	5255	9.6	195620.5	-1042.1
4986	9.4	190404.8	-1001.0	5076	9.6	191843.2	-1056.6	5166	9.1	193549.4	-1008.0	5256	10.	195622.6	-1029.8
4987	9.5	190405.4	-1014.6	5077	10.	191849.3	-1031.1	5167	9.5	193554.7	-1005.6	5257	10.	195623.1	-1031.8
4988	8.3	190414.0	-1038.0	5078	8.3	191857.3	-1032.0	5168	9.8	193555.9	-1014.5	5258	9.8	195624.7	-1016.9
4989	9.1	190433.3	-1026.4	5079	9.8	191902.5	-1022.2	5169	10.	193638.2	-1037.0	5259	9.3	195625.9	-1057.4
4990	9.5	190507.9	-1003.3	5080	9.7	191910.8	-1055.1	5170	9.7	193642.7	-1020.5	5260	9.5	195632.1	-1026.6
4991	9.0	190521.2	-1029.6	5081	9.7	191921.2	-1000.5	5171	9.7	193645.8	-1055.4	5261	9.5	195640.8	-1046.2
4992	9.5	190532.1	-1005.3	5082	8.2	191938.0	-1022.4	5172	7.0	193654.3	-1055.0	5262	9.1	195641.5	-1045.8
4993	9.9	190534.2	-1054.2	5083	9.3	191944.2	-1055.4	5173	9.5	193706.8	-1033.7	5263	9.5	195644.7	-1054.2
4994	8.5	190535.7	-1035.3	5084	9.2	191944.5	-1009.7	5174	9.4	193720.2	-1000.1	5264	9.2	195650.9	-1055.4
4995	9.9	190543.1	-1053.4	5085	9.8	191952.3	-1052.4	5175	9.5	193750.3	-1042.4	5265	9.2	195652.2	-1046.9
4996	9.9	190544.6	-1058.6	5086	9.5	192007.1	-1023.2	5176	8.9	193822.6	-1011.0	5266	9.1	195702.2	-1050.5
4997	9.3	190549.9	-1034.3	5087	9.8	192013.9	-1015.6	5177	10.	193830.2	-1030.0	5267	8.5	195703.2	-1059.4
4998	10.	190550.1	-1054.5	5088	9.4	192017.6	-1059.9	5178	9.5	193838.0	-1001.3	5268	8.6	195710.1	-1053.7
4999	9.6	190555.1	-1016.3	5089	8.2	192038.7	-1038.3	5179	9.0	193854.0	-1059.5	5269	9.7	195716.1	-1010.1
5000	9.9	190557.6	-1029.7	5090	9.3	192049.0	-1023.8	5180	10.	193854.9	-1052.4	5270	10.	195725.7	-1016.9
5001	10.	190605.2	-1059.4	5091	9.7	192125.9	-1016.6	5181	8.4	193912.8	-1024.6	5271	9.5	195806.2	-1042.5
5002	8.7	190614.4	-1012.3	5092	10.	192132.5	-1017.6	5182	9.6	193929.2	-1028.5	5272	9.5	195812.6	-1051.7
5003	9.5	190618.6	-1004.3	5093	9.5	192148.5	-1001.7	5183	8.7	193932.7	-1001.0	5273	9.9	195816.8	-1040.2
5004	9.5	190619.3	-1003.2	5094	9.8	192150.8	-1048.0	5184	10.	193951.8	-1056.7	5274	9.3	195818.9	-1033.7
5005	9.1	190628.1	-1011.5	5095	9.5	192154.1	-1033.0	5185	9.2	194009.1	-1012.4	5275	9.5	195821.4	-1046.2
5006	9.5	190647.4	-1008.9	5096	9.1	192219.2	-1054.1	5186	9.5	194028.8	-1048.1	5276	9.7	195830.0	-1004.1
5007	8.1	190653.4	-1058.1	5097	8.4	192223.3	-1048.0	5187	9.3	194033.5	-1011.8	5277	9.8	195835.0	-1002.7
5008	9.6	190657.3	-1007.7	5098	9.5	192228.4	-1007.3	5188	9.8	194033.7	-1003.9	5278	9.3	195906.2	-1059.2
5009	10.	190700.9	-1029.9	5099	9.1	192243.1	-1035.2	5189	9.1	194045.7	-1011.0	5279	9.8	195926.6	-1053.6
5010	9.8	190701.6	-1019.6	5100	8.8	192258.7	-1009.9	5190	9.8	194047.2	-1043.8	5280	10.	195930.4	-1054.3
5011	9.8	190712.0	-1045.6	5101	9.0	192301.2	-1056.1	5191	7.9	194109.3	-1020.4	5281	9.6	195957.9	-1037.4
5012	9.6	190713.1	-1035.3	5102	8.8	192311.2	-1040.9	5192	9.3	194123.2	-1012.2	5282	9.5	200023.4	-1011.4
5013	9.6	190715.5	-1058.3	5103	9.1	192324.7	-1042.9	5193	9.4	194126.6	-1004.9	5283	9.9	200029.2	-1053.5
5014	9.4	190757.8	-1016.3	5104	9.5	192340.5	-1000.0	5194	9.5	194139.4	-1044.0	5284	7.3	200034.0	-1043.5
5015	9.2	190809.1	-1050.7	5105	9.1	192353.0	-1009.1	5195	7.0	194212.8	-1022.1	5285	6.0	200035.9	-1028.7
5016	8.7	190821.3	-1011.6	5106	9.3	192406.8	-1052.9	5196	9.2	194223.9	-1054.4	5286	9.8	200053.1	-1053.2
5017	9.0	190823.9	-1020.2	5107	9.9	192409.1	-1028.7	5197	9.0	194251.0	-1029.4	5287	8.7	200056.3	-1045.3
5018	8.2	190844.4	-1025.5	5108	9.0	192420.9	-1017.1	5198	9.5	194252.9	-1010.8	5288	8.5	200112.7	-1055.7
5019	9.5	190851.3	-1001.0	5109	10.	192505.2	-1018.9	5199	9.5	194302.3	-1023.4	5289	9.8	200137.6	-1009.0
5020	8.9	190855.4	-1021.2	5110	9.8	192524.7	-1037.2	5200	9.0	194313.8	-1005.5	5290	8.7	200139.4	-1034.5

-10 5291 20h01m

-10 5650 21h12m

5291	10.	200140.8	-1012.8	5381	9.7	201646.3	-1033.5	5471	8.8	203249.7	-1043.6	5561	8.5	205126.4	-1048.8
5292	9.3	200150.9	-1010.4	5382	10.	201650.9	-1052.2	5472	8.5	203311.9	-1001.9	5562	8.0	205136.5	-1003.3
5293	9.6	200204.4	-1013.8	5383	9.0	201705.7	-1046.2	5473	8.5	203315.4	-1009.2	5563	10.	205153.1	-1028.5
5294	8.8	200209.8	-1057.4	5384	9.8	201716.4	-1037.7	5474	9.2	203359.8	-1040.2	5564	9.6	205208.9	-1048.3
5295	8.9	200216.4	-1012.1	5385	9.5	201727.1	-1029.2	5475	9.8	203400.9	-1055.5	5565	9.5	205229.4	-1032.6
5296	9.6	200226.3	-1048.1	5386	8.5	201732.9	-1053.6	5476	9.5	203408.4	-1026.3	5566	9.5	205316.4	-1046.8
5297	9.3	200230.7	-1059.2	5387	9.7	201748.9	-1014.1	5477	10.	203412.0	-1002.0	5567	9.7	205323.4	-1056.1
5298	9.9	200316.0	-1045.0	5388	8.9	201751.7	-1057.4	5478	10.	203415.2	-1052.2	5568	9.9	205349.9	-1058.9
5299	10.	200332.8	-1009.4	5389	9.5	201804.3	-1046.4	5479	9.2	203449.2	-1051.4	5569	9.8	205352.2	-1018.3
5300	9.8	200335.8	-1047.0	5390	9.3	201809.9	-1011.9	5480	9.5	203501.8	-1042.2	5570	9.0	205353.6	-1022.0
5301	10.	200336.7	-1018.7	5391	9.5	201824.4	-1022.3	5481	9.5	203510.4	-1036.9	5571	9.9	205355.0	-1031.9
5302	10.	200337.0	-1023.4	5392	9.8	201841.5	-1026.6	5482	9.8	203512.3	-1042.0	5572	10.	205419.1	-1029.5
5303	9.0	200339.5	-1033.7	5393	9.7	201850.5	-1009.8	5483	9.5	203519.5	-1023.4	5573	10.	205428.0	-1038.4
5304	9.2	200345.8	-1045.3	5394	10.	201856.2	-1045.5	5484	9.4	203534.9	-1018.4	5574	9.4	205430.3	-1014.8
5305	10.	200409.0	-1006.4	5395	9.2	201859.8	-1019.6	5485	9.4	203535.3	-1021.2	5575	8.9	205430.9	-1014.3
5306	10.	200431.8	-1017.5	5396	9.6	201931.0	-1035.7	5486	9.6	203617.0	-1003.7	5576	9.1	205435.9	-1048.6
5307	9.0	200433.4	-1041.2	5397	9.0	201958.4	-1036.6	5487	9.0	203630.4	-1008.0	5577	8.1	205439.1	-1000.9
5308	9.0	200439.9	-1007.9	5398	9.8	202014.2	-1007.9	5488	9.5	203651.9	-1033.9	5578	6.8	205443.5	-1033.9
5309	9.4	200441.5	-1003.9	5399	9.0	202024.5	-1024.1	5489	9.6	203715.3	-1032.6	5579	9.7	205452.6	-1001.5
5310	9.0	200442.1	-1042.7	5400	9.1	202048.8	-1012.0	5490	9.8	203730.9	-1032.9	5580	8.6	205455.9	-1047.3
5311	9.1	200453.6	-1046.7	5401	9.3	202115.2	-1000.8	5491	10.	203731.1	-1016.3	5581	9.3	205504.5	-1006.0
5312	9.8	200454.7	-1018.1	5402	9.2	202122.2	-1011.3	5492	9.6	203743.4	-1031.1	5582	10.	205512.4	-1044.4
5313	9.4	200515.5	-1025.0	5403	10.	202124.0	-1023.7	5493	8.3	203748.2	-1038.7	5583	9.8	205532.9	-1057.4
5314	9.5	200527.3	-1049.6	5404	9.3	202125.8	-1039.1	5494	9.1	203801.7	-1030.2	5584	8.5	205602.0	-1028.6
5315	10.	200532.7	-1058.5	5405	8.5	202142.4	-1028.9	5495	9.5	203805.4	-1037.7	5585	10.	205609.4	-1049.4
5316	9.5	200541.8	-1047.1	5406	9.4	202152.0	-1055.6	5496	9.8	203816.9	-1052.0	5586	10.	205611.9	-1050.2
5317	9.1	200545.0	-1029.2	5407	9.1	202152.1	-1046.1	5497	6.2	203819.0	-1012.6	5587	9.6	205634.6	-1011.9
5318	9.3	200553.8	-1046.4	5408	9.8	202207.5	-1016.0	5498	9.1	203829.5	-1020.1	5588	9.2	205654.6	-1012.5
5319	9.1	200555.3	-1058.3	5409	9.2	202209.9	-1033.0	5499	9.0	203847.9	-1025.3	5589	9.6	205706.6	-1056.1
5320	9.4	200559.3	-1059.2	5410	9.3	202213.1	-1033.7	5500	9.5	203849.3	-1018.2	5590	9.6	205713.3	-1015.4
5321	10.	200604.0	-1000.9	5411	9.8	202217.5	-1012.7	5501	9.0	203850.0	-1004.4	5591	9.8	205720.8	-1053.0
5322	7.8	200606.1	-1003.1	5412	9.5	202223.5	-1015.5	5502	9.1	203850.8	-1055.7	5592	8.8	205723.0	-1038.7
5323	9.5	200619.4	-1020.2	5413	9.8	202226.2	-1006.6	5503	9.2	203927.2	-1015.5	5593	9.4	205732.0	-1036.4
5324	9.7	200625.4	-1012.6	5414	7.8	202302.4	-1030.6	5504	8.2	203943.9	-1034.7	5594	10.	205753.2	-1004.6
5325	9.5	200651.6	-1007.2	5415	9.1	202309.2	-1008.1	5505	9.8	203947.0	-1016.0	5595	9.5	205800.8	-1011.0
5326	9.4	200711.7	-1054.5	5416	9.4	202321.5	-1015.4	5506	4.2	203949.5	-1001.3	5596	9.0	205828.9	-1057.5
5327	9.1	200714.5	-1010.0	5417	9.8	202324.4	-1028.6	5507	9.2	204009.7	-1052.1	5597	9.5	205829.6	-1053.8
5328	9.8	200722.4	-1030.9	5418	9.7	202345.5	-1018.3	5508	8.0	204016.9	-1016.8	5598	9.9	205845.9	-1020.7
5329	9.8	200732.9	-1057.0	5419	9.7	202351.1	-1053.9	5509	9.0	204018.8	-1034.1	5599	10.	205849.3	-1007.3
5330	9.4	200737.4	-1053.0	5420	9.4	202410.9	-1031.1	5510	9.6	204034.6	-1019.7	5600	8.3	205918.0	-1027.8
5331	9.8	200743.1	-1006.1	5421	9.9	202417.8	-1005.6	5511	8.7	204037.4	-1011.6	5601	8.8	205922.1	-1022.2
5332	8.9	200759.9	-1035.6	5422	9.9	202422.7	-1006.2	5512	9.8	204045.3	-1040.3	5602	9.5	205930.2	-1004.2
5333	8.5	200816.6	-1001.6	5423	6.2	202429.1	-1020.4	5513	9.5	204101.4	-1019.4	5603	9.4	205938.0	-1031.1
5334	9.8	200816.8	-1042.7	5424	9.5	202432.4	-1029.8	5514	9.4	204117.3	-1044.8	5604	10.	205939.4	-1025.0
5335	10.	200826.3	-1048.0	5425	9.3	202437.2	-1051.1	5515	9.0	204118.7	-1053.3	5605	9.8	205946.9	-1052.5
5336	9.5	200833.6	-1058.6	5426	10.	202442.3	-1006.3	5516	9.5	204130.9	-1020.4	5606	8.0	210002.4	-1047.4
5337	9.9	200845.1	-1003.4	5427	9.1	202521.4	-1037.0	5517	10.	204146.5	-1020.6	5607	9.0	210011.3	-1021.3
5338	8.1	200911.0	-1008.4	5428	10.	202522.2	-1051.0	5518	8.9	204214.6	-1020.6	5608	9.3	210013.4	-1058.0
5339	9.8	200936.8	-1041.7	5429	9.5	202527.8	-1019.3	5519	9.4	204247.8	-1005.6	5609	8.8	210022.3	-1028.0
5340	10.	200944.5	-1001.2	5430	10.	202534.3	-1007.2	5520	9.4	204247.9	-1033.8	5610	9.2	210026.9	-1047.9
5341	9.7	201004.2	-1021.0	5431	8.5	202601.4	-1036.8	5521	9.0	204251.6	-1000.9	5611	9.3	210029.1	-1029.5
5342	9.7	201035.1	-1017.4	5432	10.	202625.2	-1045.0	5522	10.	204307.4	-1053.5	5612	9.5	210031.2	-1001.5
5343	9.5	201049.1	-1000.1	5433	9.2	202626.5	-1023.8	5523	9.8	204316.4	-1008.3	5613	9.8	210117.5	-1047.7
5344	8.0	201053.8	-1019.9	5434	9.9	202631.9	-1032.4	5524	9.1	204327.2	-1051.6	5614	9.8	210146.1	-1035.4
5345	10.	201101.8	-1049.6	5435	9.8	202637.6	-1049.6	5525	9.8	204346.6	-1002.5	5615	8.3	210147.3	-1015.8
5346	10.	201112.8	-1025.0	5436	9.5	202655.4	-1059.8	5526	7.5	204354.1	-1051.6	5616	9.4	210214.6	-1027.5
5347	9.5	201122.9	-1037.3	5437	9.5	202709.3	-1042.9	5527	9.9	204357.4	-1025.7	5617	8.6	210231.3	-1032.4
5348	9.8	201128.5	-1015.7	5438	8.0	202711.3	-1004.3	5528	9.8	204358.9	-1016.8	5618	9.1	210253.0	-1012.4
5349	9.7	201143.2	-1053.4	5439	9.5	202714.2	-1045.3	5529	9.5	204415.7	-1057.1	5619	8.0	210254.4	-1048.0
5350	9.5	201216.4	-1032.7	5440	9.8	202715.8	-1014.5	5530	9.4	204437.9	-1034.4	5620	9.5	210338.6	-1029.3
5351	8.5	201222.7	-1049.4	5441	9.5	202729.3	-1044.7	5531	9.6	204441.2	-1011.0	5621	10.	210514.5	-1033.1
5352	9.1	201228.0	-1025.5	5442	9.8	202741.1	-1059.6	5532	9.3	204453.5	-1022.5	5622	10.	210528.1	-1025.3
5353	9.4	201237.5	-1010.8	5443	9.6	202744.3	-1043.1	5533	8.8	204453.6	-1036.4	5623	9.9	210542.6	-1000.1
5354	9.8	201254.1	-1058.6	5444	9.7	202758.6	-1014.4	5534	9.9	204457.0	-1039.4	5624	8.9	210550.9	-1013.4
5355	9.5	201257.6	-1038.9	5445	10.	202806.0	-1027.5	5535	9.5	204503.8	-1035.1	5625	9.5	210605.3	-1005.7
5356	8.4	201303.0	-1008.2	5446	9.0	202814.1	-1021.6	5536	9.8	204508.4	-1047.6	5626	9.3	210615.1	-1055.4
5357	9.8	201308.4	-1018.7	5447	9.0	202829.3	-1043.7	5537	9.2	204510.5	-1024.0	5627	9.8	210644.4	-1007.6
5358	9.6	201327.6	-1026.8	5448	8.8	202834.0	-1020.5	5538	9.7	204517.8	-1001.6	5628	9.4	210700.8	-1017.3
5359	7.7	201335.4	-1035.7	5449	9.4	202836.9	-1005.5	5539	9.3	204532.0	-1001.4	5629	9.8	210703.1	-1032.2
5360	9.4	201355.9	-1031.3	5450	9.8	202918.5	-1055.6	5540	9.8	204605.1	-1004.6	5630	8.7	210733.3	-1056.9
5361	9.1	201406.3	-1057.9	5451	10.	202921.6	-1011.7	5541	9.9	204710.5	-1037.5	5631	9.1	210738.9	-1055.8
5362	9.8	201413.6	-1001.9	5452	9.8	202927.7	-1040.5	5542	9.7	204715.9	-1049.8	5632	10.	210742.3	-1007.8
5363	9.8	201422.6	-1000.5	5453	9.5	202930.1	-1022.3	5543	9.4	204726.4	-1052.2	5633	10.	210841.5	-1039.2
5364	9.0	201445.5	-1038.5	5454	9.1	202938.8	-1040.0	5544	9.7	204745.6	-1024.4	5634	10.	210854.9	-1040.8
5365	9.2	201446.7	-1009.7	5455	9.7	202942.7	-1052.3	5545	10.	204759.2	-1008.9	5635	9.1	210856.6	-1044.4
5366	9.1	201447.2	-1045.6	5456	9.5	203002.8	-1039.2	5546	9.2	204815.9	-1044.8	5636	7.2	210908.6	-1044.3
5367	9.4	201450.6	-1014.9	5457	10.	203020.7	-1052.4	5547	9.4	204832.2	-1001.2	5637	8.7	210931.6	-1040.8
5368	9.5	201458.9	-1028.2	5458	9.3	203052.3	-1011.5	5548	9.3	204841.3	-1021.0	5638	9.7	210932.5	-1021.5
5369	6.3	201508.1	-1006.9	5459	10.	203057.4	-1050.7	5549	9.3	204850.7	-1011.8	5639	9.8	211012.6	-1041.0
5370	9.0	201515.4	-1034.0	5460	9.0	203059.9	-1005.5	5550	8.7	204900.9	-1052.3	5640	9.9	211037.0	-1019.4
5371	10.	201528.2	-1003.5	5461	9.5	203105.9	-1011.5	5551	8.7	204902.1	-1028.6	5641	9.5	211121.1	-1039.9
5372	9.4	201543.7	-1020.3	5462	9.9	203135.7	-1042.4	5552	9.6	204902.6	-1027.5	5642	9.5	211126.8	-1009.3
5373	9.7	201603.3	-1059.3	5463	9.5	203141.4	-1028.1	5553	6.2	204903.5	-1014.9	5643	9.5	211127.9	-1017.7
5374	9.0	201605.4	-1019.4	5464	9.5	203151.6	-1051.2	5554	9.4	204915.9	-1013.8	5644	8.2	211128.2	-1010.9
5375	9.8	201620.0	-1019.7	5465	9.7	203152.9	-1000.7	5555	10.	205007.6	-1028.0	5645	9.3	211128.4	-1041.9
5376	9.0	201622.0	-1026.0	5466	9.0	203158.8	-1034.1	5556	10.	205031.4	-1052.2	5646	10.	211144.3	-1006.0
5377	9.2	201624.5	-1024.5	5467	9.0	203200.9	-1034.3	5557	9.6	205034.7	-1005.8	5647	10.	211159.4	-1001.7
5378	10.	201632.8	-1041.4	5468	10.	203220.9	-1027.8	5558	9.7	205044.0	-1057.0	5648	9.5	211200.6	-1058.0
5379	9.5	201633.4	-1053.9	5469	9.5	203235.5	-1021.1	5559	9.2	205101.0	-1044.2	5649	9.8	211205.6	-1007.8
5380	9.8	201634.8	-1046.7	5470	8.9	203237.8	-1042.1	5560	9.4	205110.9	-1050.2	5650	9.5	211207.2	-1046.9

-10 5651 21h12m

-10 6010 22h45m

5651	8.9	211218.7	-1050.0	5741	9.8	213409.6	-1046.2	5831	9.5	215803.3	-1058.9	5921	9.8	222054.6	-1004.6
5652	9.6	211232.2	-1040.8	5742	9.6	213422.7	-1051.9	5832	9.4	215815.7	-1027.3	5922	10.	222106.6	-1056.4
5653	9.6	211242.2	-1036.6	5743	10.	213424.7	-1037.2	5833	9.5	215830.0	-1003.3	5923	8.5	222122.7	-1040.4
5654	9.8	211245.9	-1001.4	5744	9.8	213440.0	-1011.5	5834	9.5	215843.2	-1041.8	5924	9.0	222123.7	-1040.8
5655	9.2	211333.2	-1026.1	5745	9.0	213446.7	-1034.4	5835	10.	215905.8	-1032.7	5925	7.5	222124.4	-1028.7
5656	9.6	211402.4	-1015.9	5746	9.3	213451.8	-1007.5	5836	9.4	215908.5	-1059.3	5926	10.	222128.1	-1014.8
5657	9.3	211402.7	-1016.7	5747	8.7	213457.2	-1017.7	5837	7.7	220004.0	-1047.2	5927	10.	222128.1	-1009.9
5658	8.7	211409.4	-1056.0	5748	10.	213509.6	-1011.3	5838	9.4	220004.3	-1044.8	5928	9.9	222135.0	-1041.9
5659	9.4	211423.4	-1007.6	5749	9.4	213536.2	-1057.0	5839	9.2	220012.2	-1022.6	5929	8.5	222139.3	-1024.0
5660	9.4	211442.2	-1030.1	5750	9.0	213545.2	-1032.5	5840	9.3	220024.0	-1004.5	5930	8.7	222202.8	-1047.3
5661	10.	211457.7	-1040.4	5751	8.5	213549.7	-1039.1	5841	9.5	220057.3	-1020.9	5931	9.4	222224.6	-1049.0
5662	10.	211548.8	-1054.2	5752	10.	213618.4	-1027.7	5842	9.5	220105.2	-1045.1	5932	9.5	222248.9	-1031.5
5663	9.0	211626.1	-1017.7	5753	9.8	213649.8	-1059.7	5843	9.9	220117.5	-1037.5	5933	9.8	222257.8	-1053.8
5664	9.1	211630.5	-1059.2	5754	9.6	213650.7	-1053.3	5844	9.0	220121.3	-1044.0	5934	9.3	222310.5	-1044.9
5665	9.5	211635.1	-1056.5	5755	8.8	213706.7	-1052.5	5845	9.6	220132.9	-1056.6	5935	9.4	222324.4	-1013.4
5666	9.6	211708.8	-1040.6	5756	9.5	213721.6	-1058.8	5846	9.5	220203.2	-1040.4	5936	8.5	222338.5	-1024.8
5667	9.4	211712.2	-1036.1	5757	9.8	213740.7	-1004.1	5847	10.	220218.7	-1017.1	5937	9.9	222338.6	-1038.0
5668	5.5	211724.8	-1021.7	5758	9.5	213843.1	-1055.9	5848	9.3	220226.8	-1058.5	5938	9.5	222353.7	-1001.4
5669	8.8	211730.3	-1031.1	5759	9.8	213908.4	-1046.0	5849	9.0	220229.1	-1027.9	5939	10.	222411.6	-1059.6
5670	9.8	211744.4	-1016.1	5760	9.0	213919.8	-1048.3	5850	9.7	220229.6	-1017.1	5940	10.	222420.7	-1045.8
5671	9.0	211910.9	-1037.4	5761	8.3	213941.8	-1025.5	5851	8.3	220240.5	-1005.5	5941	9.6	222421.1	-1043.3
5672	9.5	211917.5	-1001.7	5762	9.5	213956.5	-1005.0	5852	9.4	220250.6	-1013.1	5942	9.5	222441.9	-1022.5
5673	9.2	211918.8	-1041.2	5763	9.2	214001.3	-1032.7	5853	9.8	220303.8	-1021.4	5943	9.0	222519.2	-1001.4
5674	10.	212007.8	-1038.5	5764	8.5	214011.3	-1032.1	5854	9.1	220314.6	-1007.3	5944	9.1	222554.0	-1025.5
5675	9.4	212008.0	-1015.7	5765	9.6	214041.0	-1012.7	5855	9.0	220328.4	-1026.4	5945	9.8	222610.3	-1021.9
5676	9.7	212010.6	-1006.5	5766	9.2	214042.9	-1058.2	5856	9.3	220330.6	-1003.3	5946	9.3	222611.7	-1050.5
5677	9.2	212022.4	-1034.8	5767	10.	214100.5	-1052.8	5857	9.4	220335.9	-1025.5	5947	6.8	222627.6	-1021.3
5678	9.3	212110.9	-1045.8	5768	9.5	214109.5	-1004.9	5858	9.5	220356.8	-1022.5	5948	8.5	222642.5	-1002.6
5679	9.4	212117.0	-1001.7	5769	9.8	214229.4	-1030.3	5859	9.6	220403.9	-1042.1	5949	8.9	222707.7	-1051.0
5680	9.5	212124.5	-1014.7	5770	9.6	214256.2	-1010.4	5860	8.7	220408.4	-1027.4	5950	9.5	222711.3	-1016.4
5681	9.0	212129.3	-1054.1	5771	9.7	214312.9	-1001.8	5861	9.8	220419.6	-1006.2	5951	9.5	222831.6	-1023.5
5682	9.4	212134.9	-1057.4	5772	9.3	214315.6	-1007.3	5862	10.	220433.9	-1050.1	5952	9.2	222832.2	-1043.1
5683	10.	212145.8	-1041.8	5773	9.6	214317.2	-1000.2	5863	9.9	220437.9	-1045.6	5953	9.1	222908.9	-1009.0
5684	9.6	212147.3	-1017.2	5774	7.5	214319.9	-1043.1	5864	9.8	220443.9	-1041.6	5954	9.0	222918.7	-1008.4
5685	10.	212219.8	-1002.7	5775	9.3	214332.6	-1041.8	5865	10.	220516.6	-1007.0	5955	10.	222950.8	-1051.6
5686	9.3	212222.9	-1057.1	5776	9.7	214351.2	-1020.1	5866	9.8	220517.9	-1052.0	5956	9.7	222957.0	-1032.0
5687	9.5	212224.0	-1021.7	5777	9.8	214441.9	-1012.9	5867	9.2	220526.8	-1044.0	5957	10.	223009.0	-1025.9
5688	10.	212225.7	-1014.9	5778	9.4	214444.3	-1053.6	5868	9.8	220621.9	-1041.8	5958	9.1	223020.6	-1009.3
5689	9.9	212226.9	-1031.1	5779	7.8	214446.7	-1005.7	5869	9.1	220642.8	-1050.0	5959	9.9	223021.6	-1035.7
5690	9.5	212316.4	-1044.1	5780	9.0	214457.0	-1030.1	5870	9.4	220708.4	-1051.3	5960	9.4	223043.6	-1013.4
5691	9.5	212320.6	-1035.6	5781	9.2	214516.4	-1036.2	5871	9.0	220720.9	-1044.9	5961	8.0	223118.5	-1051.4
5692	9.5	212331.3	-1007.1	5782	10.	214531.5	-1035.1	5872	9.3	220745.0	-1019.9	5962	10.	223121.9	-1024.2
5693	9.0	212339.6	-1055.7	5783	8.3	214535.7	-1056.0	5873	9.0	220748.5	-1049.8	5963	6.9	223137.8	-1046.9
5694	9.9	212345.0	-1052.2	5784	9.5	214545.9	-1037.1	5874	8.8	220754.1	-1020.2	5964	9.4	223148.3	-1050.4
5695	8.9	212346.9	-1045.1	5785	6.8	214550.0	-1059.6	5875	9.3	220820.7	-1037.1	5965	9.1	223150.7	-1020.6
5696	7.0	212349.5	-1022.8	5786	8.5	214557.4	-1027.5	5876	9.8	220836.1	-1011.3	5966	7.0	223228.9	-1006.9
5697	10.	212422.0	-1028.5	5787	10.	214627.1	-1018.1	5877	9.7	220906.4	-1018.6	5967	9.8	223300.4	-1052.8
5698	9.5	212428.0	-1055.5	5788	9.6	214635.6	-1052.7	5878	10.	220948.2	-1048.7	5968	9.4	223303.2	-1027.3
5699	10.	212429.3	-1007.4	5789	9.9	214701.0	-1040.0	5879	8.3	221007.0	-1027.9	5969	9.5	223326.7	-1021.3
5700	9.8	212434.0	-1050.2	5790	9.3	214710.8	-1017.9	5880	9.5	221035.6	-1032.2	5970	9.5	223332.6	-1025.2
5701	9.5	212451.4	-1027.7	5791	9.5	214722.0	-1029.3	5881	9.9	221038.4	-1007.4	5971	9.1	223411.7	-1059.1
5702	9.7	212459.7	-1056.8	5792	9.5	214730.5	-1053.1	5882	10.	221044.2	-1047.0	5972	10.	223415.3	-1028.9
5703	9.3	212514.7	-1035.7	5793	10.	214809.6	-1047.1	5883	9.9	221102.7	-1044.9	5973	8.0	223421.9	-1053.0
5704	9.3	212528.4	-1015.4	5794	8.8	214834.6	-1011.6	5884	9.7	221115.4	-1000.5	5974	8.2	223452.9	-1040.5
5705	7.7	212549.1	-1018.2	5795	8.3	214841.0	-1016.2	5885	8.3	221155.8	-1021.6	5975	7.0	223523.0	-1051.8
5706	9.4	212629.3	-1008.5	5796	9.8	214906.5	-1047.0	5886	9.2	221244.8	-1057.6	5976	9.8	223531.6	-1009.7
5707	9.4	212629.5	-1024.1	5797	9.8	214939.6	-1045.3	5887	10.	221245.1	-1034.7	5977	9.3	223607.8	-1029.2
5708	9.4	212653.8	-1013.0	5798	9.8	214948.6	-1008.3	5888	9.2	221250.5	-1040.8	5978	9.8	223622.3	-1036.2
5709	9.0	212738.7	-1056.4	5799	9.4	215005.2	-1058.8	5889	9.8	221303.4	-1001.8	5979	10.	223627.9	-1007.6
5710	9.5	212745.0	-1027.7	5800	9.5	215050.5	-1053.5	5890	9.3	221335.2	-1034.9	5980	9.8	223657.2	-1034.0
5711	8.5	212754.0	-1037.8	5801	10.	215055.0	-1000.8	5891	9.7	221346.8	-1038.5	5981	9.5	223715.4	-1000.6
5712	9.6	212810.8	-1051.4	5802	10.	215102.4	-1021.4	5892	9.7	221349.1	-1058.2	5982	7.3	223743.3	-1024.3
5713	9.5	212837.5	-1021.3	5803	8.5	215115.1	-1052.4	5893	9.1	221402.8	-1038.0	5983	9.4	223747.6	-1048.2
5714	7.3	212903.1	-1049.0	5804	8.3	215123.6	-1027.4	5894	9.8	221410.9	-1011.1	5984	9.4	223810.7	-1056.4
5715	10.	212940.3	-1048.1	5805	9.8	215132.0	-1011.8	5895	9.5	221411.3	-1004.1	5985	9.4	223825.0	-1043.8
5716	10.	212940.7	-1040.5	5806	10.	215156.0	-1034.0	5896	8.9	221412.2	-1020.3	5986	8.0	223841.8	-1027.5
5717	8.8	212953.1	-1039.2	5807	10.	215212.7	-1048.6	5897	9.4	221504.6	-1013.0	5987	9.2	223909.9	-1027.2
5718	9.5	212955.6	-1031.4	5808	10.	215233.6	-1014.1	5898	9.5	221511.8	-1037.9	5988	9.3	223922.0	-1003.5
5719	10.	213001.3	-1029.4	5809	9.9	215307.1	-1053.8	5899	9.4	221604.8	-1056.9	5989	10.	223923.9	-1000.5
5720	8.0	213004.9	-1014.6	5810	9.5	215347.6	-1054.6	5900	10.	221605.3	-1029.0	5990	10.	223925.1	-1047.7
5721	9.8	213114.3	-1008.8	5811	10.	215356.6	-1032.8	5901	9.6	221606.5	-1032.7	5991	9.3	223945.9	-1033.1
5722	9.3	213132.4	-1008.6	5812	8.0	215407.3	-1034.1	5902	8.2	221607.2	-1024.6	5992	9.3	224000.5	-1050.0
5723	9.6	213132.9	-1035.8	5813	9.3	215412.1	-1038.4	5903	9.8	221611.5	-1029.1	5993	9.2	224024.0	-1058.2
5724	9.0	213138.3	-1034.5	5814	9.5	215423.6	-1053.6	5904	7.0	221627.4	-1055.5	5994	9.8	224025.7	-1011.2
5725	8.8	213142.5	-1058.4	5815	10.	215435.7	-1010.8	5905	8.2	221648.3	-1032.0	5995	10.	224030.2	-1053.7
5726	10.	213147.3	-1044.9	5816	9.5	215442.6	-1026.6	5906	8.8	221650.4	-1040.9	5996	9.5	224051.8	-1017.4
5727	9.8	213200.0	-1000.6	5817	9.8	215518.1	-1059.7	5907	9.1	221703.0	-1019.9	5997	9.3	224132.0	-1037.0
5728	8.0	213225.1	-1026.5	5818	10.	215547.4	-1001.4	5908	8.5	221703.3	-1009.8	5998	9.8	224201.1	-1053.7
5729	8.5	213239.8	-1038.7	5819	9.8	215555.2	-1054.7	5909	9.8	221708.7	-1002.8	5999	9.8	224231.9	-1030.2
5730	9.3	213244.1	-1025.6	5820	9.3	215558.1	-1032.3	5910	9.8	221721.4	-1053.2	6000	10.	224303.4	-1010.8
5731	8.6	213246.6	-1051.7	5821	9.7	215600.7	-1013.4	5911	9.7	221725.0	-1009.7	6001	10.	224308.3	-1009.7
5732	10.	213255.6	-1006.4	5822	9.2	215622.9	-1007.6	5912	10.	221735.3	-1041.0	6002	8.2	224336.1	-1005.6
5733	10.	213308.3	-1005.3	5823	10.	215640.9	-1004.5	5913	9.8	221758.7	-1019.5	6003	9.1	224340.8	-1019.3
5734	9.2	213309.1	-1051.5	5824	9.5	215652.7	-1043.3	5914	9.2	221819.3	-1056.7	6004	9.6	224353.1	-1040.0
5735	9.1	213317.1	-1051.3	5825	10.	215656.8	-1050.9	5915	9.5	221839.1	-1025.1	6005	9.5	224432.7	-1048.3
5736	9.9	213318.1	-1039.2	5826	10.	215707.8	-1009.8	5916	9.0	221844.9	-1044.1	6006	8.7	224452.4	-1018.6
5737	9.3	213339.9	-1017.6	5827	10.	215721.6	-1015.6	5917	10.	221903.5	-1039.0	6007	9.5	224503.7	-1014.5
5738	9.9	213346.0	-1002.5	5828	10.	215727.0	-1004.1	5918	8.3	221920.0	-1041.3	6008	6.8	224508.2	-1049.3
5739	9.3	213351.4	-1003.1	5829	9.2	215748.5	-1015.1	5919	9.3	222021.7	-1017.5	6009	10.	224516.8	-1016.9
5740	9.3	213403.7	-1043.5	5830	8.8	215751.7	-1036.0	5920	9.7	222041.4	-1038.0	6010	9.8	224526.7	-1047.4

6011	10.	224529.8	-1012.4	6101	9.4	231503.3	-1013.5	6191	9.0	234603.2	-1048.2	51	9.5	01342.5	-1128.4
6012	9.8	224542.5	-1024.4	6102	9.6	231506.1	-1020.5	6192	7.8	234634.9	-1005.8	52	8.5	01358.6	-1129.1
6013	9.7	224547.6	-1028.0	6103	9.1	231518.8	-1026.3	6193	8.8	234638.0	-1011.9	53	9.4	01422.5	-1101.8
6014	9.7	224625.3	-1050.8	6104	9.3	231538.7	-1023.2	6194	9.8	234648.2	-1049.8	54	10.	01454.4	-1123.1
6015	9.2	224630.0	-1010.0	6105	8.0	231547.0	-1010.8	6195	9.8	234702.3	-1002.5	55	9.5	01524.8	-1154.5
6016	8.7	224720.2	-1008.8	6106	9.8	231606.9	-1040.8	6196	9.2	234705.1	-1037.1	56	9.3	01525.5	-1122.6
6017	9.5	224740.1	-1023.9	6107	9.5	231648.9	-1032.1	6197	9.4	234733.7	-1054.0	57	9.3	01541.7	-1107.2
6018	8.7	224750.3	-1052.9	6108	9.2	231657.9	-1025.8	6198	7.0	234736.8	-1016.1	58	9.2	01608.0	-1157.9
6019	8.8	224756.1	-1026.2	6109	9.8	231713.1	-1055.1	6199	9.4	234812.1	-1019.5	59	9.5	01613.9	-1104.6
6020	10.	224800.3	-1048.3	6110	9.8	231724.5	-1045.0	6200	9.3	234813.9	-1034.8	60	9.3	01639.1	-1131.4
6021	9.5	224813.0	-1018.3	6111	9.4	231751.0	-1051.3	6201	10.	234851.3	-1006.0	61	9.5	01645.6	-1124.3
6022	9.1	224842.2	-1040.6	6112	9.5	231827.6	-1027.6	6202	10.	234854.1	-1052.2	62	9.8	01647.4	-1155.0
6023	9.4	224849.7	-1044.3	6113	10.	231829.5	-1002.3	6203	8.3	234856.8	-1018.3	63	9.0	01702.8	-1127.2
6024	9.4	224917.1	-1014.0	6114	8.3	231904.6	-1049.5	6204	9.0	234920.3	-1050.0	64	9.5	01759.8	-1158.0
6025	10.	224928.4	-1044.7	6115	9.0	231954.4	-1012.2	6205	9.4	234921.1	-1013.4	65	9.2	01815.8	-1150.7
6026	9.8	224938.0	-1013.7	6116	9.0	231954.6	-1024.7	6206	7.3	235002.4	-1026.7	66	9.0	01829.1	-1115.0
6027	9.8	225023.3	-1035.4	6117	9.5	232058.7	-1003.5	6207	9.3	235021.7	-1041.2	67	9.5	01850.7	-1103.3
6028	9.6	225048.6	-1022.2	6118	9.9	232108.6	-1003.5	6208	9.5	235057.8	-1012.7	68	9.8	01912.9	-1157.6
6029	10.	225103.4	-1040.7	6119	8.5	232121.2	-1053.6	6209	9.5	235158.4	-1004.0	69	9.5	01920.7	-1131.5
6030	9.4	225119.6	-1048.1	6120	7.0	232131.6	-1003.7	6210	9.4	235251.5	-1029.9	70	10.	01922.7	-1130.4
6031	9.4	225124.9	-1004.7	6121	9.2	232136.4	-1055.5	6211	9.0	235321.7	-1019.7	71	9.0	01940.8	-1156.8
6032	10.	225140.2	-1000.7	6122	9.8	232152.0	-1026.9	6212	8.5	235406.6	-1014.5	72	9.1	01947.5	-1103.7
6033	9.3	225155.2	-1026.2	6123	9.3	232215.2	-1003.0	6213	9.6	235444.5	-1050.2	73	8.9	02048.6	-1118.0
6034	9.6	225258.7	-1029.5	6124	9.3	232232.1	-1011.6	6214	9.3	235455.4	-1012.6	74	9.1	02050.2	-1119.0
6035	9.8	225300.9	-1046.4	6125	8.5	232321.5	-1057.3	6215	9.8	235558.3	-1053.7	75	9.8	02120.3	-1148.1
6036	9.6	225302.6	-1007.9	6126	9.5	232420.6	-1030.0	6216	9.5	235630.5	-1052.2	76	9.0	02122.6	-1106.6
6037	9.3	225321.4	-1055.2	6127	9.1	232445.2	-1041.1	6217	9.5	235640.3	-1022.0	77	9.0	02126.9	-1141.8
6038	7.6	225333.5	-1019.8	6128	9.5	232448.2	-1012.7	6218	9.8	235641.0	-1002.2	78	9.0	02151.4	-1154.5
6039	9.8	225359.8	-1001.2	6129	9.2	232517.6	-1015.8	6219	9.2	235645.6	-1057.1	79	9.0	02205.6	-1149.4
6040	9.3	225420.1	-1001.6	6130	8.5	232534.2	-1010.1	6220	9.5	235649.4	-1033.4	80	10.	02238.9	-1145.9
6041	9.8	225423.3	-1035.8	6131	8.8	232540.9	-1015.8	6221	8.5	235654.5	-1003.4	81	9.4	02248.0	-1159.8
6042	9.4	225445.8	-1056.8	6132	9.5	232609.3	-1049.3	6222	9.2	235711.6	-1051.8	82	10.	02257.6	-1116.3
6043	10.	225449.1	-1010.6	6133	9.3	232628.2	-1004.4	6223	9.3	235721.4	-1040.4	83	9.4	02311.0	-1146.4
6044	9.3	225501.3	-1031.6	6134	8.0	232649.2	-1030.4	6224	9.5	235728.2	-1058.8	84	10.	02319.2	-1109.0
6045	8.9	225530.2	-1021.5	6135	9.0	232652.3	-1051.4	6225	10.	235741.0	-1047.1	85	8.8	02352.3	-1139.6
6046	9.8	225536.6	-1007.7	6136	9.8	232736.3	-1055.0	6226	9.1	235756.9	-1038.6	86	10.	02418.7	-1117.7
6047	10.	225553.7	-1049.3	6137	9.7	232739.0	-1026.2	6227	7.5	235804.8	-1025.4	87	9.1	02517.3	-1157.5
6048	9.8	225622.5	-1048.8	6138	9.4	232739.1	-1027.5	6228	9.0	235807.7	-1056.2	88	9.8	02546.6	-1128.7
6049	10.	225633.5	-1038.5	6139	8.0	232746.7	-1029.2	6229	8.8	235811.0	-1014.2	89	9.1	02553.4	-1131.5
6050	9.8	225640.6	-1059.8	6140	9.7	232819.0	-1058.6	6230	10.	235906.6	-1052.4	90	9.3	02613.6	-1146.6
6051	9.2	225649.5	-1059.9	6141	9.7	232848.6	-1048.0	1	9.0	00006.6	-1130.9	91	9.5	02617.8	-1115.5
6052	8.8	225726.8	-1022.0	6142	9.4	232906.4	-1007.9	2	8.5	00023.7	-1156.2	92	9.6	02618.9	-1120.9
6053	10.	225749.0	-1000.9	6143	10.	232933.3	-1018.5	3	9.5	00046.1	-1100.2	93	9.6	02619.7	-1139.8
6054	9.7	225750.0	-1018.3	6144	9.4	233001.4	-1002.8	4	9.4	00101.0	-1115.0	94	9.5	02645.9	-1131.1
6055	9.8	225816.7	-1049.8	6145	7.8	233012.9	-1046.4	5	9.4	00117.5	-1113.2	95	9.2	02647.6	-1144.0
6056	9.0	225836.3	-1010.3	6146	9.0	233023.6	-1028.8	6	9.0	00128.8	-1155.6	96	9.8	02710.3	-1144.8
6057	9.1	225839.9	-1003.3	6147	10.	233104.1	-1007.7	7	9.1	00136.5	-1112.0	97	10.	02720.0	-1159.1
6058	7.7	225842.7	-1023.2	6148	8.7	233144.9	-1047.1	8	9.9	00151.8	-1152.9	98	9.6	02733.6	-1100.0
6059	9.3	225855.9	-1050.4	6149	9.5	233206.2	-1049.6	9	9.8	00224.7	-1139.8	99	9.4	02803.7	-1148.5
6060	9.9	225914.8	-1021.8	6150	10.	233209.8	-1040.0	10	10.	00231.8	-1107.2	100	9.4	02817.3	-1104.1
6061	10.	225952.5	-1031.4	6151	9.5	233211.8	-1031.9	11	9.7	00242.6	-1131.4	101	9.5	02831.0	-1147.5
6062	9.4	225954.8	-1057.6	6152	9.4	233218.5	-1025.7	12	9.0	00256.7	-1146.2	102	9.1	02832.4	-1115.0
6063	9.1	230007.0	-1020.4	6153	9.3	233310.0	-1040.9	13	9.8	00300.4	-1157.5	103	8.6	02842.3	-1109.2
6064	8.6	230009.4	-1027.1	6154	9.8	233312.9	-1026.9	14	10.	00303.9	-1127.2	104	8.9	02901.8	-1109.9
6065	9.6	230033.2	-1057.0	6155	9.2	233344.5	-1014.6	15	9.0	00304.6	-1147.5	105	7.5	02931.5	-1155.3
6066	9.9	230046.8	-1040.0	6156	9.6	233345.0	-1004.7	16	9.1	00317.8	-1139.6	106	9.3	03044.1	-1138.1
6067	9.7	230057.8	-1054.7	6157	9.7	233455.7	-1015.6	17	9.7	00327.6	-1146.3	107	9.7	03045.3	-1132.7
6068	9.8	230129.9	-1057.7	6158	9.3	233542.4	-1006.6	18	9.2	00329.7	-1121.6	108	9.2	03047.5	-1126.5
6069	9.2	230141.7	-1020.5	6159	8.9	233557.3	-1020.1	19	8.9	00340.7	-1141.1	109	7.8	03113.1	-1129.3
6070	10.	230149.9	-1053.4	6160	8.0	233608.1	-1028.6	20	9.6	00341.5	-1137.6	110	9.8	03142.0	-1129.0
6071	9.8	230151.6	-1048.3	6161	9.7	233630.9	-1051.3	21	8.6	00428.6	-1158.3	111	9.5	03153.4	-1153.7
6072	10.	230229.0	-1042.8	6162	9.3	233645.8	-1024.9	22	9.9	00504.9	-1141.2	112	9.4	03216.7	-1137.7
6073	10.	230311.9	-1023.2	6163	10.	233658.2	-1055.6	23	9.2	00520.7	-1150.0	113	6.9	03224.2	-1156.6
6074	9.7	230339.6	-1052.1	6164	9.0	233716.0	-1009.5	24	9.8	00527.9	-1105.3	114	9.8	03304.8	-1114.4
6075	9.4	230411.0	-1015.5	6165	9.8	233723.8	-1040.0	25	9.4	00528.6	-1148.9	115	9.7	03306.8	-1108.6
6076	10.	230414.7	-1050.9	6166	9.8	233753.2	-1012.2	26	10.	00556.3	-1143.1	116	9.1	03344.7	-1117.0
6077	9.5	230418.5	-1023.1	6167	8.9	233837.8	-1016.0	27	9.9	00629.4	-1158.8	117	9.8	03345.3	-1147.1
6078	10.	230433.0	-1017.2	6168	8.3	233951.9	-1037.2	28	9.0	00635.1	-1145.9	118	9.1	03348.3	-1104.5
6079	10.	230435.3	-1010.5	6169	8.3	234010.0	-1044.1	29	9.7	00646.3	-1129.8	119	9.8	03403.8	-1141.7
6080	9.3	230456.1	-1037.8	6170	8.7	234056.1	-1003.3	30	9.9	00708.2	-1122.0	120	9.5	03431.6	-1129.6
6081	9.2	230503.0	-1058.5	6171	9.1	234143.8	-1025.9	31	10.	00732.5	-1144.5	121	9.8	03432.4	-1121.6
6082	7.0	230525.0	-1021.3	6172	9.3	234146.6	-1019.5	32	9.2	00736.7	-1113.1	122	9.5	03522.7	-1100.9
6083	9.4	230533.6	-1034.0	6173	9.5	234154.9	-1023.5	33	8.8	00816.2	-1150.5	123	9.5	03524.8	-1145.1
6084	8.6	230556.2	-1042.8	6174	9.2	234201.9	-1021.8	34	9.5	00830.8	-1143.2	124	10.	03534.2	-1145.3
6085	9.8	230625.0	-1013.8	6175	9.8	234221.5	-1014.5	35	9.5	00856.5	-1152.5	125	8.3	03542.8	-1117.6
6086	7.8	230708.6	-1028.6	6176	8.9	234242.4	-1022.0	36	9.1	00935.4	-1108.8	126	9.5	03633.2	-1124.3
6087	10.	230722.0	-1054.3	6177	6.5	234245.6	-1046.7	37	9.0	00937.8	-1116.0	127	9.5	03643.3	-1118.0
6088	8.8	230848.3	-1020.2	6178	9.7	234305.6	-1014.8	38	9.4	00957.5	-1147.9	128	5.0	03651.9	-1126.6
6089	10.	230934.7	-1059.7	6179	9.7	234347.2	-1006.8	39	9.8	01001.1	-1151.2	129	9.6	03653.4	-1110.7
6090	9.3	230938.5	-1018.0	6180	9.4	234352.4	-1027.0	40	10.	01039.2	-1141.7	130	10.	03658.0	-1144.3
6091	9.8	231054.8	-1009.7	6181	10.	234400.5	-1038.4	41	9.4	01043.0	-1131.3	131	9.5	03710.6	-1105.9
6092	9.3	231055.4	-1003.4	6182	9.5	234403.3	-1013.6	42	9.7	01050.1	-1154.3	132	9.2	03718.6	-1125.9
6093	9.4	231114.7	-1032.8	6183	9.1	234414.4	-1023.3	43	9.3	01102.5	-1101.8	133	10.	03741.3	-1127.4
6094	5.7	231124.0	-1024.3	6184	9.4	234449.6	-1036.7	44	8.0	01124.9	-1145.2	134	9.5	03809.9	-1151.2
6095	8.5	231206.3	-1028.0	6185	8.3	234456.0	-1021.7	45	9.7	01229.9	-1144.9	135	8.3	03815.3	-1152.8
6096	9.2	231303.8	-1028.2	6186	9.5	234501.6	-1022.4	46	8.3	01254.2	-1158.5	136	9.6	03828.0	-1147.5
6097	9.5	231319.2	-1031.6	6187	9.2	234501.7	-1012.7	47	10.	01313.7	-1139.5	137	10.	03933.2	-1159.8
6098	7.5	231418.9	-1033.4	6188	8.5	234519.0	-1021.8	48	9.9	01330.4	-1109.5	138	9.3	03938.1	-1124.0
6099	10.	231435.8	-1010.2	6189	9.5	234538.2	-1045.9	49	9.3	01334.9	-1103.0	139	8.0	03941.2	-1157.2
6100	9.5	231454.3	-1023.2	6190	9.0	234545.7	-1015.6	50	9.8	01339.0	-1131.1	140	9.1	04007.8	-1110.9

141	9.5	04024.4 -1116.1	231	10.	10650.5 -1147.8	321	9.6	13434.7 -1121.6	411	9.6	20128.3 -1108.4
142	8.0	04031.3 -1141.8	232	9.5	10655.3 -1131.2	322	10.	13447.9 -1110.0	412	8.7	20138.5 -1141.2
143	9.0	04045.4 -1139.7	233	9.4	10700.3 -1140.7	323	8.5	13502.3 -1149.8	413	10.	20150.2 -1143.7
144	9.5	04057.3 -1150.0	234	10.	10706.5 -1100.7	324	9.4	13505.8 -1100.7	414	9.5	20208.6 -1159.6
145	10.	04105.7 -1128.7	235	9.5	10725.4 -1124.1	325	9.5	13507.5 -1136.0	415	9.3	20213.3 -1113.5
146	10.	04136.5 -1133.2	236	9.3	10801.9 -1115.2	326	9.5	13516.7 -1136.1	416	8.4	20238.5 -1106.4
147	9.5	04146.9 -1111.8	237	8.8	10937.0 -1101.8	327	9.5	13532.3 -1122.1	417	9.5	20318.3 -1152.6
148	10.	04150.5 -1135.6	238	9.0	10958.6 -1131.4	328	9.5	13546.9 -1149.2	418	9.8	20324.4 -1122.2
149	8.0	04216.4 -1145.4	239	9.4	11000.7 -1154.4	329	8.5	13611.2 -1148.4	419	9.5	20400.1 -1150.8
150	9.5	04219.1 -1143.8	240	9.5	11113.6 -1154.6	330	9.8	13614.6 -1157.3	420	9.7	20429.5 -1104.7
151	9.5	04220.8 -1136.4	241	9.5	11138.8 -1104.2	331	9.5	13638.7 -1121.4	421	9.7	20508.7 -1144.4
152	9.4	04235.0 -1117.7	242	8.4	11145.8 -1144.3	332	9.8	13707.1 -1140.2	422	9.3	20527.9 -1113.0
153	5.8	04251.2 -1125.9	243	9.3	11151.0 -1113.4	333	9.7	13715.5 -1101.1	423	9.1	20606.9 -1110.7
154	9.2	04322.4 -1140.9	244	9.5	11209.5 -1117.8	334	9.5	13733.4 -1155.7	424	10.	20623.3 -1101.7
155	9.5	04334.0 -1140.1	245	8.8	11218.1 -1126.4	335	9.5	13749.8 -1137.2	425	9.0	20637.6 -1112.5
156	10.	04340.3 -1112.3	246	9.4	11257.5 -1104.3	336	9.2	13757.2 -1120.3	426	8.5	20716.9 -1120.8
157	9.5	04348.8 -1146.3	247	9.5	11308.7 -1111.9	337	9.5	13758.3 -1133.0	427	9.5	20810.8 -1128.7
158	9.6	04350.9 -1137.9	248	6.3	11315.2 -1159.6	338	8.9	13825.9 -1100.5	428	9.5	20844.0 -1108.2
159	9.5	04407.0 -1113.1	249	9.5	11317.6 -1110.5	339	9.6	13853.4 -1130.6	429	9.6	20900.6 -1109.1
160	9.6	04409.0 -1140.9	250	9.0	11334.5 -1146.8	340	9.5	13857.0 -1149.1	430	9.5	20912.7 -1134.6
161	9.3	04451.9 -1105.7	251	10.	11403.1 -1141.6	341	7.3	13921.9 -1119.0	431	9.3	20921.4 -1143.5
162	9.7	04457.1 -1127.3	252	10.	11421.2 -1130.7	342	9.8	13930.0 -1155.4	432	9.1	20959.3 -1155.4
163	9.0	04500.4 -1131.4	253	9.9	11431.6 -1126.4	343	9.3	13935.4 -1125.7	433	9.4	21010.2 -1141.3
164	9.1	04512.1 -1139.8	254	9.8	11438.7 -1137.4	344	9.9	13952.7 -1148.7	434	9.8	21059.5 -1102.1
165	10.	04548.3 -1106.5	255	8.3	11515.2 -1122.2	345	9.5	14020.0 -1101.4	435	9.2	21107.3 -1156.0
166	9.3	04600.5 -1147.0	256	9.2	11538.9 -1146.7	346	8.7	14036.6 -1142.5	436	9.0	21125.6 -1152.2
167	9.0	04619.3 -1127.8	257	10.	11538.9 -1112.1	347	9.8	14106.2 -1100.5	437	9.6	21125.7 -1138.9
168	10.	04634.7 -1139.1	258	9.1	11611.8 -1102.7	348	9.0	14136.9 -1133.1	438	9.7	21144.0 -1113.0
169	9.6	04802.5 -1141.2	259	9.0	11623.6 -1130.1	349	9.1	14143.4 -1136.0	439	9.0	21208.2 -1119.9
170	9.3	04812.9 -1153.8	260	9.3	11635.7 -1128.5	350	9.9	14153.4 -1125.8	440	8.2	21221.4 -1117.2
171	8.5	04815.4 -1132.1	261	9.8	11701.1 -1121.4	351	7.0	14215.7 -1125.5	441	9.3	21230.3 -1125.7
172	8.7	04822.0 -1150.5	262	9.6	11702.7 -1113.8	352	4.7	14227.7 -1124.1	442	8.8	21248.7 -1103.1
173	9.0	04833.3 -1124.3	263	9.8	11707.6 -1116.1	353	8.1	14234.3 -1105.4	443	9.4	21333.9 -1156.9
174	9.0	04920.6 -1133.6	264	9.5	11709.7 -1131.2	354	9.3	14247.8 -1129.0	444	9.4	21350.1 -1121.3
175	9.8	04939.0 -1129.1	265	8.9	11726.2 -1122.4	355	9.9	14341.5 -1144.5	445	9.4	21411.8 -1136.3
176	9.1	04941.0 -1105.2	266	7.8	11736.0 -1111.2	356	9.4	14342.4 -1121.7	446	9.3	21413.7 -1136.5
177	8.0	05015.7 -1115.5	267	8.7	11822.1 -1144.7	357	9.5	14344.3 -1114.7	447	9.5	21446.9 -1105.5
178	9.5	05044.2 -1106.5	268	9.3	11847.7 -1151.0	358	8.8	14414.4 -1113.3	448	5.5	21457.7 -1126.6
179	8.9	05049.3 -1153.9	269	9.8	11903.3 -1140.4	359	3.5	14418.1 -1103.0	449	9.4	21457.9 -1106.4
180	9.7	05114.5 -1148.5	270	9.8	11930.7 -1142.0	360	9.2	14426.6 -1100.8	450	9.7	21513.9 -1151.5
181	9.0	05131.4 -1138.2	271	9.8	12007.3 -1118.0	361	9.0	14524.3 -1110.4	451	8.9	21515.3 -1147.2
182	9.8	05132.1 -1115.7	272	6.2	12033.3 -1139.4	362	9.5	14603.3 -1105.1	452	9.1	21605.7 -1120.5
183	10.	05139.0 -1146.9	273	9.5	12049.4 -1137.7	363	9.1	14612.4 -1128.4	453	9.2	21609.5 -1154.0
184	9.4	05239.1 -1125.0	274	9.9	12057.8 -1132.4	364	7.5	14630.3 -1107.9	454	9.5	21633.8 -1136.1
185	9.9	05258.9 -1155.0	275	10.	12127.4 -1144.6	365	9.6	14703.9 -1108.9	455	8.8	21647.6 -1101.6
186	10.	05322.8 -1145.6	276	10.	12204.7 -1149.3	366	9.5	14720.0 -1125.6	456	9.5	21654.2 -1123.8
187	10.	05401.8 -1113.1	277	8.5	12206.3 -1102.2	367	8.5	14720.5 -1144.5	457	8.8	21807.4 -1108.1
188	8.7	05419.7 -1100.8	278	8.9	12239.2 -1140.0	368	9.3	14723.4 -1103.6	458	9.5	21839.7 -1143.8
189	10.	05424.2 -1129.7	279	8.0	12243.6 -1118.6	369	10.	14730.2 -1159.5	459	8.0	21846.3 -1117.3
190	9.4	05500.0 -1137.6	280	9.2	12300.9 -1123.4	370	8.9	14800.5 -1127.5	460	9.1	21911.8 -1146.3
191	8.2	05501.7 -1126.6	281	9.9	12315.0 -1151.1	371	9.8	14815.2 -1152.2	461	9.0	21925.7 -1110.6
192	9.3	05505.3 -1111.7	282	10.	12325.2 -1121.5	372	9.5	14837.5 -1121.0	462	9.4	21933.5 -1157.0
193	9.2	05532.3 -1118.8	283	8.8	12325.4 -1135.7	373	9.3	14902.9 -1140.7	463	8.9	22026.5 -1148.0
194	9.9	05539.3 -1109.0	284	9.5	12354.4 -1124.4	374	9.9	14938.5 -1129.2	464	9.0	22038.3 -1114.2
195	8.7	05555.1 -1114.4	285	8.2	12402.5 -1138.7	375	9.5	14946.1 -1104.9	465	9.4	22052.2 -1107.5
196	9.1	05558.4 -1133.0	286	9.0	12405.5 -1151.9	376	9.4	14946.9 -1100.6	466	9.4	22119.9 -1126.2
197	9.5	05610.9 -1156.5	287	9.8	12415.8 -1105.5	377	10.	15017.7 -1110.8	467	8.6	22132.8 -1116.8
198	10.	05616.8 -1108.7	288	9.4	12416.7 -1122.4	378	8.9	15022.5 -1153.7	468	7.0	22144.1 -1159.9
199	9.9	05636.8 -1159.3	289	9.3	12423.1 -1156.6	379	8.9	15102.6 -1109.3	469	9.5	22149.4 -1138.5
200	9.9	05639.7 -1155.3	290	7.3	12436.2 -1100.2	380	8.5	15108.1 -1124.2	470	8.1	22219.9 -1145.0
201	9.5	05720.3 -1130.5	291	8.0	12519.8 -1102.7	381	9.3	15114.0 -1110.6	471	8.8	22227.7 -1159.5
202	9.7	05744.0 -1114.0	292	9.3	12527.4 -1123.0	382	10.	15116.2 -1130.9	472	9.3	22244.0 -1156.1
203	9.4	05804.4 -1100.0	293	9.5	12536.5 -1138.5	383	9.2	15155.5 -1143.0	473	9.9	22302.7 -1120.0
204	9.5	05827.0 -1138.0	294	9.5	12559.7 -1135.0	384	9.3	15202.9 -1121.9	474	9.1	22357.5 -1130.8
205	9.5	05841.2 -1158.4	295	9.3	12632.9 -1157.7	385	9.3	15216.0 -1109.5	475	9.3	22409.1 -1114.3
206	9.4	05842.2 -1147.1	296	9.7	12644.2 -1101.7	386	7.5	15358.7 -1144.9	476	8.9	22428.4 -1139.5
207	7.3	05851.1 -1145.5	297	9.7	12647.8 -1128.0	387	9.1	15422.6 -1104.6	477	9.5	22457.6 -1133.6
208	9.8	05928.6 -1125.5	298	9.3	12648.2 -1109.5	388	9.8	15436.9 -1104.3	478	8.6	22548.6 -1117.3
209	9.8	05937.1 -1138.9	299	9.7	12707.8 -1127.6	389	9.4	15444.4 -1150.0	479	8.8	22551.7 -1107.6
210	9.0	05947.9 -1155.5	300	9.8	12747.6 -1157.7	390	9.4	15525.7 -1147.4	480	9.2	22611.2 -1101.1
211	8.8	10008.7 -1120.8	301	9.7	12800.0 -1114.8	391	9.3	15550.4 -1157.3	481	8.7	22613.1 -1106.1
212	9.5	10023.4 -1113.4	302	9.1	12814.6 -1145.7	392	9.5	15608.1 -1108.2	482	9.4	22616.1 -1158.2
213	9.5	10038.4 -1115.7	303	9.3	12822.7 -1107.4	393	9.2	15638.4 -1148.6	483	9.7	22619.4 -1123.4
214	9.7	10148.3 -1111.5	304	8.9	12839.8 -1126.4	394	9.6	15651.8 -1148.3	484	9.2	22808.9 -1132.5
215	9.3	10200.3 -1137.3	305	9.5	12913.1 -1136.2	395	9.6	15652.6 -1110.7	485	9.7	22811.1 -1132.4
216	10.	10200.9 -1151.1	306	8.4	13018.1 -1104.0	396	9.5	15702.4 -1121.9	486	9.7	22901.1 -1122.2
217	8.5	10212.3 -1136.0	307	9.3	13022.1 -1125.3	397	9.0	15702.7 -1142.8	487	10.	22904.5 -1136.0
218	9.3	10230.6 -1119.2	308	9.0	13026.7 -1133.5	398	9.5	15721.3 -1133.3	488	9.3	22906.3 -1133.0
219	9.8	10234.4 -1143.0	309	9.5	13034.8 -1146.1	399	9.8	15731.2 -1121.9	489	7.2	22915.4 -1148.0
220	8.6	10258.7 -1107.6	310	9.8	13040.9 -1125.5	400	8.9	15755.9 -1132.8	490	10.	22935.6 -1143.5
221	9.7	10326.9 -1140.5	311	9.2	13044.6 -1128.4	401	9.4	15807.7 -1116.3	491	9.5	22935.9 -1151.5
222	9.6	10412.8 -1105.6	312	7.9	13054.1 -1104.4	402	9.3	15945.8 -1118.2	492	9.0	23004.4 -1127.2
223	9.5	10455.9 -1129.8	313	8.5	13127.8 -1126.0	403	9.5	15949.0 -1145.1	493	8.1	23007.5 -1149.9
224	7.7	10501.9 -1142.8	314	9.5	13143.0 -1112.8	404	9.0	20014.3 -1114.4	494	9.5	23014.2 -1145.0
225	9.8	10513.0 -1128.5	315	7.8	13149.6 -1113.9	405	9.2	20015.2 -1112.2	495	9.8	23035.3 -1112.4
226	10.	10513.0 -1152.6	316	10.	13215.7 -1119.5	406	9.1	20022.6 -1151.4	496	9.5	23209.9 -1133.9
227	8.6	10516.7 -1104.4	317	8.5	13215.7 -1132.3	407	9.4	20024.0 -1140.7	497	9.8	23218.4 -1103.5
228	9.2	10535.4 -1129.2	318	9.0	13310.6 -1110.5	408	9.2	20031.7 -1110.9	498	9.7	23238.9 -1143.9
229	9.8	10618.5 -1156.0	319	9.8	13354.2 -1124.0	409	9.3	20101.6 -1158.0	499	10.	23253.4 -1130.4
230	9.5	10648.4 -1135.5	320	9.1	13400.4 -1150.4	410	9.8	20126.5 -1141.4	500	9.6	23331.2 -1147.5

-11 501 2h34m

-11 860 4h15m

501	9.6	23409.7	-1140.2	591	9.9	25849.9	-1104.6	681	10.	32514.2	-1100.1	771	9.5	35233.3	-1145.0
502	9.3	23412.4	-1118.7	592	8.9	25857.9	-1154.7	682	8.9	32522.5	-1114.0	772	9.3	35301.1	-1137.0
503	9.4	23438.7	-1148.3	593	9.6	25919.7	-1145.2	683	8.7	32526.0	-1143.5	773	9.8	35301.8	-1131.5
504	9.1	23440.4	-1108.6	594	9.5	25927.6	-1140.3	684	9.2	32612.9	-1100.9	774	9.8	35309.4	-1154.9
505	9.3	23456.1	-1103.1	595	9.5	30005.6	-1133.9	685	9.0	32618.8	-1139.7	775	9.9	35310.9	-1156.4
506	9.2	23524.9	-1112.2	596	9.6	30031.5	-1132.3	686	9.4	32619.2	-1131.2	776	10.	35319.5	-1108.3
507	8.7	23528.8	-1124.7	597	9.7	30107.0	-1133.0	687	9.7	32654.0	-1105.9	777	8.6	35321.0	-1104.9
508	8.7	23539.6	-1101.4	598	10.	30132.9	-1144.8	688	9.5	32659.5	-1108.9	778	9.3	35321.4	-1142.2
509	9.6	23548.0	-1122.6	599	9.2	30146.7	-1135.6	689	9.5	32707.2	-1141.3	779	9.8	35420.1	-1104.9
510	9.3	23626.6	-1138.1	600	9.8	30149.1	-1118.0	690	9.5	32722.1	-1129.7	780	10.	35425.4	-1156.0
511	9.5	23628.5	-1109.7	601	9.8	30215.5	-1111.7	691	8.8	32741.6	-1116.9	781	9.0	35436.5	-1143.9
512	9.4	23633.3	-1158.4	602	9.1	30316.7	-1144.1	692	9.5	32751.7	-1133.9	782	9.1	35504.4	-1149.2
513	10.	23714.9	-1113.4	603	7.3	30352.7	-1140.5	693	9.5	32814.6	-1101.7	783	9.5	35516.0	-1110.4
514	9.2	23733.5	-1101.0	604	8.5	30401.2	-1139.2	694	8.5	32837.3	-1133.4	784	9.1	35537.5	-1118.7
515	9.4	23745.1	-1134.7	605	9.6	30414.9	-1158.0	695	10.	32851.2	-1131.9	785	8.5	35540.2	-1149.2
516	9.2	23805.4	-1149.3	606	9.5	30438.5	-1100.8	696	5.8	32902.8	-1141.1	786	9.4	35541.4	-1127.1
517	9.4	23823.0	-1118.6	607	9.2	30455.3	-1154.4	697	9.5	32932.0	-1154.1	787	9.0	35554.6	-1120.5
518	9.6	23834.5	-1101.3	608	10.	30524.1	-1110.6	698	9.5	32935.6	-1159.3	788	9.0	35605.5	-1119.6
519	9.1	23835.4	-1122.6	609	9.3	30540.8	-1136.9	699	9.8	32946.7	-1134.1	789	9.2	35621.1	-1103.4
520	9.0	23836.0	-1118.8	610	9.9	30542.2	-1126.1	700	9.5	33000.7	-1121.0	790	9.3	35642.1	-1126.3
521	9.3	23836.3	-1127.5	611	9.5	30605.0	-1106.8	701	9.4	33022.0	-1152.1	791	9.0	35701.4	-1118.0
522	8.6	23838.1	-1143.4	612	9.1	30605.7	-1103.9	702	9.2	33030.3	-1134.5	792	9.5	35709.5	-1159.9
523	9.5	23859.0	-1112.2	613	9.8	30612.1	-1138.5	703	7.8	33125.6	-1140.7	793	9.9	35726.0	-1140.8
524	10.	24047.2	-1142.0	614	9.6	30629.3	-1139.8	704	9.8	33204.6	-1138.9	794	10.	35744.8	-1152.5
525	9.8	24109.4	-1100.2	615	9.3	30635.2	-1128.6	705	9.4	33217.8	-1136.2	795	9.4	35751.0	-1109.0
526	9.4	24110.7	-1145.8	616	9.9	30757.3	-1141.4	706	7.0	33257.2	-1125.0	796	9.8	35806.9	-1147.8
527	9.1	24124.2	-1149.8	617	9.3	30801.3	-1144.3	707	9.6	33310.3	-1142.1	797	9.2	35824.0	-1156.5
528	9.1	24154.0	-1107.2	618	9.5	30811.1	-1109.5	708	9.8	33326.5	-1148.4	798	9.3	35851.2	-1100.7
529	8.0	24218.8	-1109.1	619	9.1	30840.9	-1142.2	709	10.	33327.2	-1145.3	799	9.5	35918.3	-1104.9
530	9.4	24224.2	-1123.2	620	9.6	30858.8	-1127.9	710	8.3	33340.0	-1145.0	800	9.6	35953.3	-1155.9
531	9.5	24229.1	-1120.3	621	9.5	30907.4	-1154.4	711	9.5	33419.0	-1120.7	801	10.	40011.4	-1152.2
532	9.5	24249.4	-1128.8	622	9.1	30912.7	-1128.4	712	9.1	33420.7	-1113.1	802	9.1	40044.5	-1146.2
533	9.1	24301.1	-1116.9	623	10.	30915.2	-1109.5	713	9.4	33434.9	-1106.0	803	9.0	40045.1	-1107.6
534	9.8	24313.4	-1141.4	624	8.8	30916.8	-1123.4	714	8.9	33436.2	-1121.3	804	9.4	40046.4	-1131.9
535	9.8	24407.1	-1109.9	625	9.0	30918.2	-1145.4	715	9.1	33453.6	-1120.3	805	9.0	40103.6	-1122.7
536	10.	24415.6	-1102.3	626	9.9	31007.4	-1148.8	716	8.5	33454.5	-1109.2	806	9.5	40106.5	-1158.0
537	9.6	24419.2	-1140.5	627	9.0	31017.2	-1142.2	717	10.	33512.3	-1122.2	807	9.0	40107.3	-1106.9
538	9.3	24517.3	-1142.0	628	10.	31019.5	-1156.3	718	9.7	33523.4	-1147.4	808	9.5	40157.9	-1157.5
539	9.9	24545.3	-1144.8	629	9.5	31021.7	-1143.1	719	9.5	33534.1	-1142.5	809	8.8	40204.9	-1119.1
540	9.8	24546.2	-1109.4	630	8.9	31024.3	-1135.2	720	9.2	33611.4	-1135.4	810	10.	40214.4	-1143.8
541	9.8	24604.3	-1126.7	631	10.	31032.9	-1134.3	721	9.9	33612.2	-1117.5	811	10.	40240.3	-1128.5
542	9.5	24605.0	-1124.6	632	8.7	31102.8	-1106.2	722	10.	33713.8	-1116.6	812	10.	40246.8	-1158.4
543	9.4	24607.8	-1127.1	633	9.2	31103.1	-1150.8	723	10.	33715.0	-1120.8	813	9.2	40254.3	-1100.0
544	9.5	24608.9	-1137.0	634	9.2	31105.7	-1153.6	724	9.3	33746.0	-1114.3	814	9.1	40256.9	-1139.4
545	9.7	24704.6	-1153.9	635	9.5	31139.9	-1153.8	725	9.9	33746.3	-1142.4	815	9.6	40311.9	-1138.5
546	6.8	24706.4	-1101.8	636	9.7	31153.8	-1128.0	726	8.1	33747.6	-1114.0	816	9.3	40316.2	-1114.6
547	7.6	24713.9	-1140.7	637	9.5	31214.3	-1127.5	727	10.	33818.6	-1125.9	817	9.4	40336.3	-1133.9
548	10.	24742.1	-1148.0	638	9.1	31222.9	-1133.6	728	9.9	33824.9	-1144.2	818	9.5	40346.2	-1156.8
549	9.7	24746.7	-1116.6	639	10.	31226.9	-1153.0	729	9.8	33836.8	-1145.4	819	9.2	40346.7	-1126.4
550	10.	24800.0	-1146.5	640	7.8	31240.0	-1156.1	730	10.	33858.1	-1114.6	820	9.7	40346.7	-1100.9
551	9.4	24841.3	-1119.9	641	9.5	31240.7	-1108.8	731	9.4	33927.2	-1135.0	821	7.8	40352.8	-1142.8
552	9.7	24845.7	-1142.9	642	9.8	31311.9	-1146.7	732	9.2	33932.1	-1122.9	822	9.5	40354.5	-1135.9
553	9.5	24902.1	-1154.5	643	9.6	31320.3	-1100.6	733	9.9	33944.0	-1100.0	823	9.6	40413.4	-1135.9
554	9.2	24907.7	-1141.9	644	9.8	31354.3	-1140.7	734	9.9	33946.3	-1101.6	824	9.1	40432.2	-1147.2
555	9.4	24916.5	-1112.3	645	8.6	31431.5	-1135.6	735	9.5	34015.4	-1127.6	825	8.9	40446.3	-1117.8
556	9.8	24946.7	-1159.6	646	8.8	31435.1	-1144.6	736	8.2	34015.5	-1156.6	826	9.8	40532.3	-1141.3
557	9.4	24947.1	-1104.7	647	9.3	31441.8	-1122.4	737	9.5	34021.2	-1131.7	827	9.5	40537.6	-1132.4
558	9.1	24949.7	-1100.0	648	10.	31452.4	-1123.7	738	9.9	34030.7	-1115.1	828	9.0	40555.0	-1143.0
559	9.7	24951.5	-1124.4	649	9.8	31453.9	-1146.7	739	9.2	34047.3	-1132.1	829	8.6	40604.6	-1129.8
560	9.3	25112.1	-1101.4	650	9.0	31525.3	-1112.3	740	10.	34050.0	-1104.2	830	9.8	40629.6	-1113.8
561	9.4	25117.7	-1104.1	651	9.8	31612.4	-1129.0	741	10.	34058.5	-1151.2	831	9.1	40636.5	-1124.5
562	9.3	25123.9	-1144.3	652	7.5	31619.7	-1151.7	742	9.5	34153.2	-1116.4	832	9.4	40700.7	-1140.7
563	9.8	25128.0	-1102.7	653	9.0	31628.5	-1155.1	743	9.4	34219.4	-1147.4	833	9.2	40702.5	-1117.8
564	8.8	25154.8	-1132.1	654	9.1	31633.8	-1146.4	744	9.8	34222.7	-1141.8	834	9.3	40715.3	-1131.2
565	9.8	25156.5	-1101.6	655	9.4	31645.4	-1122.4	745	8.5	34310.8	-1134.9	835	9.0	40742.5	-1119.0
566	9.0	25218.8	-1125.9	656	9.0	31656.7	-1123.3	746	9.5	34315.6	-1107.6	836	9.4	40801.4	-1143.5
567	9.3	25226.3	-1106.6	657	9.8	31705.0	-1142.5	747	10.	34328.1	-1104.9	837	9.9	40803.2	-1126.8
568	8.1	25230.3	-1115.4	658	9.5	31736.9	-1129.9	748	9.5	34440.9	-1147.2	838	9.3	40803.3	-1140.9
569	9.4	25250.2	-1154.8	659	9.5	31751.9	-1129.6	749	9.9	34446.4	-1122.8	839	9.4	40854.7	-1137.7
570	9.4	25311.6	-1145.0	660	9.7	31807.2	-1140.7	750	9.5	34507.2	-1109.2	840	9.8	40904.3	-1158.2
571	8.5	25322.2	-1152.2	661	9.4	31926.5	-1130.7	751	9.1	34515.8	-1119.2	841	9.4	40941.8	-1156.5
572	9.4	25355.8	-1144.6	662	9.8	31945.0	-1116.0	752	9.5	34529.7	-1156.2	842	10.	40953.2	-1128.8
573	9.1	25405.2	-1102.7	663	9.4	32013.4	-1147.9	753	9.1	34543.3	-1118.6	843	9.8	41005.2	-1123.8
574	9.8	25441.0	-1135.2	664	9.9	32018.4	-1107.0	754	9.3	34633.4	-1124.7	844	9.4	41007.1	-1137.1
575	9.5	25446.4	-1116.3	665	9.9	32056.9	-1108.6	755	9.8	34646.3	-1159.7	845	9.6	41007.5	-1117.7
576	9.5	25521.5	-1100.4	666	9.9	32059.4	-1108.6	756	9.5	34649.4	-1126.7	846	9.2	41040.9	-1127.4
577	9.3	25526.1	-1105.1	667	6.0	32105.7	-1147.3	757	9.3	34713.0	-1143.0	847	9.4	41107.6	-1110.1
578	9.2	25535.0	-1128.8	668	9.2	32122.3	-1130.0	758	9.2	34729.5	-1134.3	848	9.4	41122.8	-1121.5
579	7.5	25633.5	-1132.7	669	9.3	32201.2	-1155.1	759	8.9	34753.3	-1107.5	849	10.	41134.7	-1112.8
580	9.4	25638.9	-1118.4	670	9.3	32219.6	-1154.0	760	9.3	34802.4	-1123.8	850	9.7	41201.4	-1124.9
581	9.3	25646.3	-1155.2	671	7.6	32221.4	-1103.7	761	9.5	34845.0	-1131.4	851	9.9	41225.8	-1151.6
582	9.3	25653.4	-1158.8	672	9.4	32247.1	-1148.1	762	8.3	34917.3	-1105.2	852	9.8	41235.7	-1150.9
583	8.8	25710.3	-1101.3	673	8.1	32303.6	-1138.7	763	9.4	34936.4	-1144.0	853	9.5	41243.4	-1117.4
584	9.3	25727.5	-1119.5	674	9.7	32313.6	-1143.5	764	7.2	34938.1	-1116.6	854	9.8	41245.3	-1144.6
585	8.7	25733.5	-1134.6	675	9.1	32342.7	-1151.7	765	9.5	35006.3	-1104.9	855	8.6	41318.4	-1154.5
586	9.1	25737.0	-1129.1	676	9.1	32347.3	-1156.7	766	9.3	35017.4	-1150.4	856	10.	41337.6	-1109.7
587	9.4	25746.9	-1155.9	677	9.8	32407.3	-1157.0	767	9.6	35025.7	-1124.3	857	9.0	41410.9	-1158.6
588	9.8	25805.3	-1138.8	678	9.0	32417.7	-1153.2	768	8.8	35041.7	-1152.7	858	8.0	41414.3	-1150.7
589	9.2	25811.2	-1143.4	679	8.5	32418.6	-1125.7	769	9.6	35052.9	-1111.7	859	10.	41529.9	-1129.4
590	9.5	25827.6	-1137.7	680	9.5	32456.7	-1154.4	770	8.0	35207.2	-1151.3	860	9.6	41532.2	-1118.0

861	9.8	41536.3	-1151.9	951	9.5	43826.5	-1149.8	1041	9.5	45503.5	-1136.1	1131	9.5	51228.7	-1142.9
862	9.1	41537.9	-1125.0	952	9.4	43835.6	-1125.8	1042	9.5	45504.9	-1100.0	1132	10.	51236.7	-1110.6
863	9.0	41551.9	-1149.3	953	9.1	43839.9	-1106.0	1043	9.5	45513.0	-1110.6	1133	9.3	51247.3	-1121.5
864	9.5	41609.7	-1140.1	954	10.	43913.8	-1159.2	1044	9.0	45518.7	-1118.4	1134	8.2	51253.1	-1110.7
865	9.4	41627.0	-1110.0	955	7.3	43921.7	-1149.7	1045	9.6	45540.4	-1157.0	1135	10.	51258.3	-1120.1
866	9.0	41704.4	-1156.5	956	9.8	43950.7	-1154.5	1046	9.3	45547.0	-1149.5	1136	9.5	51302.9	-1154.5
867	9.4	41707.2	-1127.6	957	9.3	43953.5	-1103.6	1047	9.2	45556.3	-1150.1	1137	9.4	51303.1	-1139.8
868	9.5	41710.6	-1117.1	958	9.1	44001.0	-1114.4	1048	9.5	45647.5	-1109.4	1138	8.5	51326.1	-1113.0
869	9.2	41711.3	-1121.5	959	9.8	44001.9	-1112.6	1049	8.7	45704.6	-1151.9	1139	9.5	51329.8	-1150.5
870	9.3	41735.1	-1116.8	960	9.4	44040.4	-1121.3	1050	8.7	45708.2	-1144.4	1140	9.0	51338.7	-1143.8
871	9.4	41820.9	-1154.5	961	9.1	44041.6	-1120.6	1051	10.	45708.6	-1150.3	1141	9.5	51340.6	-1108.9
872	9.1	41856.8	-1123.4	962	10.	44048.9	-1112.4	1052	9.5	45744.0	-1109.6	1142	9.5	51347.7	-1142.8
873	9.0	41910.0	-1130.0	963	9.8	44053.7	-1146.7	1053	9.1	45750.3	-1122.8	1143	9.5	51350.3	-1122.3
874	9.5	41913.5	-1131.2	964	9.1	44103.1	-1150.4	1054	7.8	45800.9	-1153.7	1144	9.5	51356.1	-1112.0
875	10.	41922.3	-1119.1	965	9.2	44110.9	-1111.2	1055	9.3	45802.4	-1155.7	1145	9.5	51407.1	-1138.8
876	9.7	41946.0	-1124.2	966	9.0	44121.6	-1126.0	1056	9.7	45808.2	-1117.6	1146	8.5	51411.7	-1145.1
877	8.7	42011.0	-1139.2	967	9.3	44127.5	-1119.6	1057	9.0	45813.1	-1110.8	1147	9.0	51446.6	-1137.5
878	10.	42019.8	-1121.7	968	10.	44131.5	-1146.2	1058	9.5	45851.2	-1117.8	1148	9.4	51459.9	-1154.0
879	9.7	42042.4	-1124.2	969	9.1	44137.8	-1107.8	1059	10.	45900.3	-1125.8	1149	10.	51504.6	-1134.8
880	7.5	42057.5	-1126.6	970	9.6	44145.1	-1150.9	1060	8.8	45913.0	-1141.9	1150	9.5	51531.4	-1127.6
881	8.7	42109.5	-1129.8	971	9.6	44218.3	-1151.4	1061	9.5	45920.3	-1124.9	1151	9.5	51535.5	-1134.3
882	9.2	42134.7	-1116.2	972	8.9	44220.2	-1143.2	1062	9.5	45931.3	-1123.6	1152	9.6	51600.7	-1143.7
883	9.8	42148.9	-1153.1	973	9.8	44228.1	-1121.7	1063	8.8	45938.7	-1150.9	1153	9.5	51601.5	-1146.7
884	9.6	42156.5	-1124.1	974	9.5	44247.8	-1130.1	1064	9.0	45939.1	-1113.8	1154	9.7	51606.9	-1156.1
885	9.7	42156.5	-1104.3	975	9.5	44247.8	-1147.0	1065	9.5	45951.6	-1143.8	1155	10.	51608.8	-1151.4
886	8.2	42204.1	-1122.6	976	9.5	44259.8	-1107.4	1066	9.3	45954.2	-1118.3	1156	9.3	51613.3	-1129.3
887	9.8	42226.7	-1102.9	977	9.6	44309.9	-1158.9	1067	9.0	50011.8	-1155.3	1157	9.7	51621.7	-1102.8
888	9.6	42237.8	-1141.7	978	9.2	44347.3	-1157.2	1068	9.5	50014.1	-1141.9	1158	8.3	51646.3	-1120.1
889	9.3	42249.2	-1138.0	979	9.8	44354.3	-1133.4	1069	9.5	50029.0	-1105.6	1159	9.8	51647.9	-1129.4
890	9.1	42251.2	-1101.8	980	9.8	44355.6	-1158.5	1070	8.5	50035.6	-1145.0	1160	9.0	51654.2	-1156.3
891	8.1	42325.9	-1152.6	981	8.0	44423.8	-1106.9	1071	9.5	50038.0	-1108.0	1161	9.8	51726.3	-1102.7
892	10.	42336.3	-1154.6	982	8.5	44424.7	-1113.0	1072	9.5	50053.8	-1158.5	1162	9.7	51748.3	-1118.1
893	9.5	42351.2	-1156.0	983	9.5	44521.2	-1105.6	1073	9.5	50101.2	-1119.2	1163	9.3	51752.4	-1127.9
894	8.9	42355.6	-1115.5	984	9.6	44529.8	-1140.5	1074	9.3	50105.6	-1113.9	1164	8.5	51752.7	-1107.4
895	9.6	42404.8	-1159.4	985	10.	44531.1	-1122.5	1075	9.5	50106.3	-1127.2	1165	10.	51801.3	-1121.7
896	9.7	42410.1	-1131.8	986	9.4	44532.1	-1112.9	1076	10.	50127.2	-1116.4	1166	9.1	51803.5	-1138.2
897	9.8	42452.6	-1108.6	987	9.2	44544.0	-1153.4	1077	9.5	50139.7	-1153.0	1167	8.5	51825.4	-1126.7
898	9.4	42522.0	-1124.2	988	9.8	44553.4	-1133.0	1078	9.3	50152.3	-1126.6	1168	9.0	51826.4	-1126.7
899	8.7	42627.2	-1108.5	989	9.5	44600.8	-1156.7	1079	10.	50209.7	-1151.6	1169	9.8	51845.9	-1158.3
900	6.5	42630.9	-1105.6	990	9.6	44605.4	-1159.4	1080	9.2	50213.1	-1110.5	1170	8.8	51917.2	-1102.7
901	9.3	42641.0	-1124.6	991	9.5	44629.3	-1131.6	1081	10.	50223.8	-1154.7	1171	9.0	51942.0	-1139.6
902	9.0	42653.2	-1159.4	992	9.8	44708.9	-1120.6	1082	8.0	50234.2	-1118.5	1172	9.6	51943.8	-1145.3
903	9.2	42706.0	-1144.0	993	8.3	44715.7	-1121.1	1083	9.0	50242.0	-1108.7	1173	9.5	51945.3	-1119.8
904	8.5	42751.6	-1156.4	994	9.5	44727.9	-1134.7	1084	9.0	50302.8	-1158.3	1174	9.5	52003.9	-1157.7
905	9.2	42753.3	-1146.0	995	8.9	44748.2	-1150.6	1085	9.5	50307.1	-1101.9	1175	9.7	52042.7	-1142.1
906	10.	42809.9	-1115.3	996	9.6	44757.4	-1137.3	1086	9.5	50315.6	-1147.6	1176	9.7	52046.9	-1159.1
907	8.9	42838.0	-1152.6	997	9.5	44758.1	-1103.9	1087	9.4	50320.7	-1151.6	1177	9.5	52048.4	-1125.2
908	9.4	42846.0	-1123.2	998	9.0	44806.0	-1136.7	1088	8.5	50328.5	-1140.0	1178	9.5	52057.7	-1142.2
909	9.6	42926.9	-1103.1	999	9.6	44808.9	-1108.8	1089	7.5	50347.7	-1149.9	1179	10.	52114.0	-1132.8
910	9.1	42931.5	-1154.6	1000	8.4	44819.4	-1159.1	1090	8.8	50350.3	-1105.8	1180	9.7	52121.8	-1101.7
911	8.5	42935.2	-1133.5	1001	9.0	44841.3	-1157.3	1091	10.	50409.2	-1119.5	1181	9.7	52123.3	-1125.1
912	9.4	42938.4	-1131.7	1002	8.7	44845.3	-1106.8	1092	10.	50418.7	-1153.4	1182	9.0	52135.6	-1137.2
913	10.	42958.0	-1154.6	1003	8.7	44845.5	-1137.0	1093	9.5	50431.3	-1125.2	1183	9.5	52138.3	-1119.8
914	9.5	43000.9	-1122.7	1004	10.	44908.5	-1139.1	1094	9.0	50442.4	-1120.1	1184	9.0	52142.2	-1111.8
915	9.3	43047.1	-1131.4	1005	10.	44911.9	-1105.6	1095	9.5	50443.0	-1103.7	1185	9.2	52143.1	-1139.5
916	9.8	43055.4	-1119.6	1006	9.5	44919.9	-1109.0	1096	9.5	50458.0	-1126.5	1186	9.5	52158.1	-1106.9
917	9.5	43102.3	-1116.4	1007	9.5	44931.7	-1148.7	1097	9.5	50508.2	-1115.8	1187	9.4	52159.7	-1100.8
918	9.4	43104.0	-1126.5	1008	8.5	44933.0	-1117.0	1098	7.8	50509.0	-1108.2	1188	9.0	52210.5	-1122.0
919	10.	43116.7	-1157.5	1009	10.	44950.6	-1147.2	1099	9.0	50514.3	-1126.1	1189	9.3	52214.6	-1132.7
920	8.3	43117.8	-1127.4	1010	9.5	44951.9	-1136.4	1100	8.0	50529.8	-1158.7	1190	9.2	52217.6	-1130.5
921	9.1	43121.8	-1140.9	1011	8.5	44956.4	-1110.5	1101	9.2	50602.2	-1118.5	1191	9.5	52230.9	-1147.9
922	9.3	43138.3	-1141.2	1012	8.6	45023.0	-1114.5	1102	10.	50627.8	-1152.9	1192	9.5	52239.8	-1145.2
923	10.	43151.4	-1105.5	1013	8.4	45036.2	-1121.6	1103	10.	50629.1	-1110.0	1193	9.7	52252.7	-1136.3
924	9.5	43203.2	-1107.6	1014	9.3	45051.9	-1141.9	1104	10.	50637.6	-1113.2	1194	9.5	52317.9	-1148.7
925	9.3	43203.3	-1105.3	1015	10.	45101.9	-1102.9	1105	8.5	50640.3	-1129.3	1195	8.3	52320.6	-1133.1
926	10.	43231.1	-1116.9	1016	8.7	45106.3	-1151.9	1106	9.3	50653.2	-1121.2	1196	9.5	52323.4	-1121.5
927	10.	43237.5	-1151.8	1017	10.	45126.8	-1156.1	1107	10.	50657.6	-1101.5	1197	9.0	52331.9	-1152.6
928	9.1	43241.2	-1159.2	1018	9.8	45137.7	-1153.1	1108	9.2	50711.7	-1148.9	1198	10.	52355.2	-1159.7
929	8.9	43243.7	-1121.9	1019	9.3	45139.5	-1140.0	1109	9.2	50753.4	-1129.6	1199	9.2	52411.2	-1110.0
930	9.2	43253.7	-1144.2	1020	9.0	45216.0	-1137.2	1110	10.	50801.3	-1123.3	1200	9.2	52439.4	-1118.9
931	9.3	43303.4	-1114.0	1021	9.5	45218.2	-1128.5	1111	9.5	50817.3	-1125.7	1201	9.6	52440.6	-1156.2
932	9.7	43335.8	-1146.3	1022	9.9	45224.3	-1129.8	1112	9.5	50826.7	-1147.0	1202	10.	52444.3	-1134.1
933	10.	43353.4	-1147.9	1023	9.5	45235.9	-1153.0	1113	9.0	50840.9	-1152.8	1203	9.4	52457.4	-1118.4
934	9.3	43411.1	-1127.5	1024	9.7	45236.4	-1110.0	1114	9.5	50855.1	-1107.3	1204	9.5	52503.1	-1103.2
935	9.0	43433.0	-1120.6	1025	9.8	45246.1	-1112.5	1115	9.5	50900.9	-1100.0	1205	9.5	52603.8	-1140.7
936	9.0	43501.7	-1159.5	1026	10.	45303.6	-1144.9	1116	10.	50912.8	-1150.6	1206	9.5	52605.2	-1106.3
937	9.5	43502.9	-1112.7	1027	9.5	45325.6	-1145.8	1117	7.0	50923.5	-1131.0	1207	9.5	52621.2	-1107.5
938	8.3	43510.0	-1152.2	1028	9.0	45326.7	-1130.9	1118	9.0	50933.9	-1158.7	1208	8.8	52622.9	-1132.3
939	9.1	43521.1	-1155.3	1029	9.1	45344.4	-1106.1	1119	8.0	50944.4	-1125.1	1209	9.2	52633.2	-1109.2
940	9.5	43524.8	-1135.7	1030	10.	45348.3	-1131.1	1120	10.	50959.3	-1121.5	1210	9.5	52653.9	-1147.7
941	9.8	43547.5	-1121.3	1031	9.1	45357.9	-1101.5	1121	10.	51006.9	-1132.5	1211	9.5	52708.2	-1115.2
942	9.4	43606.8	-1137.5	1032	10.	45411.7	-1144.9	1122	10.	51016.6	-1140.7	1212	9.0	52713.2	-1106.2
943	9.9	43615.7	-1144.1	1033	10.	45412.9	-1155.1	1123	10.	51021.8	-1151.4	1213	9.5	52718.8	-1143.3
944	9.9	43656.8	-1134.9	1034	9.5	45414.2	-1118.2	1124	10.	51028.8	-1151.8	1214	8.0	52719.3	-1127.8
945	9.0	43703.7	-1127.7	1035	9.5	45415.3	-1137.6	1125	9.7	51046.9	-1156.7	1215	10.	52728.7	-1138.4
946	9.9	43710.2	-1135.4	1036	7.0	45415.9	-1125.1	1126	9.0	51056.1	-1108.0	1216	9.5	52731.1	-1159.8
947	9.3	43713.3	-1100.0	1037	8.5	45417.5	-1110.1	1127	9.5	51057.6	-1126.9	1217	8.5	52736.9	-1151.7
948	10.	43802.3	-1159.6	1038	9.3	45439.3	-1140.2	1128	10.	51128.4	-1138.3	1218	9.2	52754.6	-1132.9
949	9.3	43816.7	-1102.6	1039	9.7	45442.5	-1116.4	1129	10.	51155.3	-1122.3	1219	8.0	52800.0	-1153.9
950	9.8	43821.8	-1107.6	1040	7.0	45458.5	-1109.1	1130	9.0	51213.3	-1117.4	1220	9.5	52801.8	-1145.9

-11 1221 5h28m

-11 1580 6h33m

1221	9.5	52805.0	-1154.8	1311	9.7	54606.0	-1152.0	1401	10.	60303.5	-1142.7	1491	9.5	61954.0	-1136.5
1222	9.4	52807.8	-1141.0	1312	9.1	54610.2	-1158.4	1402	10.	60328.5	-1145.4	1492	8.8	62004.7	-1107.7
1223	9.1	52823.4	-1119.6	1313	10.	54617.0	-1147.6	1403	9.1	60334.1	-1194.8	1493	8.8	62029.8	-1145.2
1224	9.2	52833.9	-1148.6	1314	9.8	54619.6	-1154.7	1404	8.5	60342.6	-1150.1	1494	9.8	62110.5	-1104.0
1225	9.5	52841.9	-1151.7	1315	8.6	54625.3	-1138.7	1405	9.5	60419.5	-1144.9	1495	9.0	62124.2	-1116.1
1226	10.	52847.8	-1132.9	1316	9.3	54631.5	-1151.7	1406	9.5	60426.7	-1106.5	1496	9.4	62124.6	-1122.2
1227	8.8	52908.0	-1156.6	1317	9.5	54705.0	-1150.3	1407	9.4	60438.3	-1130.2	1497	10.	62145.5	-1147.2
1228	9.3	52925.8	-1140.9	1318	10.	54730.6	-1126.2	1408	9.4	60452.8	-1149.8	1498	8.9	62149.3	-1151.2
1229	9.4	52939.8	-1146.3	1319	9.5	54740.8	-1138.3	1409	8.7	60511.5	-1154.5	1499	8.6	62200.8	-1132.8
1230	9.5	52942.3	-1110.6	1320	8.5	54754.0	-1151.1	1410	9.1	60530.2	-1128.6	1500	7.8	62208.7	-1110.7
1231	8.5	52951.0	-1153.9	1321	6.0	54758.3	-1148.0	1411	9.5	60532.8	-1142.2	1501	9.8	62222.9	-1153.3
1232	9.7	52955.4	-1124.4	1322	9.7	54802.4	-1100.3	1412	9.3	60547.0	-1103.3	1502	9.4	62224.4	-1135.1
1233	9.0	53006.9	-1149.4	1323	8.9	54809.7	-1120.8	1413	8.5	60556.8	-1109.3	1503	9.4	62226.8	-1108.8
1234	9.0	53017.6	-1132.0	1324	10.	54815.5	-1101.6	1414	10.	60615.4	-1159.0	1504	10.	62229.4	-1125.5
1235	9.5	53018.3	-1110.1	1325	9.3	54848.8	-1115.5	1415	9.8	60649.5	-1109.6	1505	9.0	62233.4	-1142.3
1236	9.2	53020.9	-1148.5	1326	8.5	54904.4	-1141.0	1416	9.8	60655.5	-1120.0	1506	8.0	62241.1	-1122.4
1237	9.5	53021.8	-1141.8	1327	9.3	54908.8	-1157.1	1417	9.6	60657.6	-1149.2	1507	9.8	62251.5	-1148.5
1238	6.5	53023.0	-1152.1	1328	9.0	54922.4	-1141.9	1418	9.4	60711.3	-1132.4	1508	9.8	62309.8	-1131.6
1239	9.0	53025.3	-1110.1	1329	9.4	54924.8	-1158.4	1419	9.1	60712.3	-1110.1	1509	9.8	62309.9	-1153.9
1240	9.0	53027.6	-1129.7	1330	8.0	54941.9	-1117.7	1420	8.7	60713.2	-1108.7	1510	9.0	62317.0	-1137.6
1241	9.0	53042.1	-1159.2	1331	9.5	54950.8	-1158.8	1421	10.	60725.6	-1100.1	1511	9.4	62320.7	-1102.4
1242	9.8	53043.6	-1131.6	1332	9.5	55000.6	-1103.8	1422	9.5	60727.3	-1159.9	1512	9.0	62322.9	-1143.8
1243	9.3	53052.0	-1154.4	1333	9.0	55003.5	-1147.2	1423	9.9	60728.4	-1133.0	1513	10.	62323.7	-1126.4
1244	9.0	53125.7	-1137.4	1334	10.	55010.6	-1150.8	1424	9.3	60803.4	-1114.4	1514	7.5	62348.5	-1158.9
1245	10.	53125.9	-1151.8	1335	10.	55011.4	-1140.1	1425	8.5	60804.4	-1106.3	1515	9.3	62410.3	-1112.1
1246	9.2	53133.4	-1120.8	1336	9.1	55027.9	-1150.8	1426	8.8	60809.1	-1145.5	1516	10.	62411.5	-1152.5
1247	9.9	53146.2	-1143.3	1337	9.5	55031.9	-1119.5	1427	8.7	60827.9	-1152.3	1517	10.	62443.6	-1159.6
1248	10.	53156.4	-1119.5	1338	10.	55040.2	-1105.7	1428	8.8	60833.0	-1135.6	1518	9.5	62451.4	-1145.5
1249	9.0	53215.2	-1107.0	1339	10.	55048.1	-1126.5	1429	6.8	60838.3	-1151.3	1519	9.6	62452.9	-1149.9
1250	9.5	53225.3	-1146.3	1340	9.4	55117.5	-1146.1	1430	9.2	60841.0	-1137.6	1520	7.0	62559.3	-1103.8
1251	8.0	53237.4	-1117.1	1341	10.	55121.1	-1128.2	1431	9.8	60849.1	-1131.2	1521	9.1	62600.2	-1125.9
1252	9.0	53257.6	-1131.8	1342	9.2	55129.1	-1126.1	1432	9.2	60859.4	-1132.4	1522	10.	62603.0	-1138.1
1253	9.3	53319.0	-1153.6	1343	9.5	55135.0	-1122.1	1433	9.5	60906.5	-1135.8	1523	9.6	62605.3	-1151.5
1254	9.0	53330.4	-1119.7	1344	9.5	55142.6	-1148.9	1434	8.8	60940.7	-1106.0	1524	8.5	62606.5	-1157.8
1255	9.0	53340.1	-1159.5	1345	8.5	55149.1	-1103.6	1435	10.	60948.8	-1127.3	1525	9.4	62606.8	-1120.9
1256	9.5	53354.4	-1120.1	1346	9.0	55158.8	-1116.3	1436	7.0	60958.0	-1159.7	1526	9.3	62623.7	-1148.8
1257	9.0	53406.1	-1157.2	1347	9.3	55222.8	-1157.4	1437	9.2	61011.1	-1122.3	1527	10.	62635.7	-1106.8
1258	7.0	53406.4	-1116.7	1348	9.5	55227.5	-1145.8	1438	8.5	61036.0	-1119.9	1528	10.	62642.7	-1141.3
1259	9.5	53418.1	-1159.1	1349	9.0	55250.4	-1142.7	1439	9.8	61054.8	-1132.4	1529	8.8	62655.4	-1145.3
1260	8.8	53422.4	-1103.9	1350	10.	55254.5	-1144.9	1440	9.4	61057.0	-1135.8	1530	9.4	62657.5	-1158.9
1261	9.7	53427.0	-1114.8	1351	9.0	55257.4	-1140.0	1441	9.5	61102.1	-1139.3	1531	9.1	62659.5	-1137.6
1262	9.5	53438.6	-1131.8	1352	9.0	55307.4	-1139.1	1442	9.5	61110.7	-1108.3	1532	9.4	62710.2	-1126.2
1263	9.5	53441.7	-1138.5	1353	9.7	55326.7	-1153.3	1443	9.7	61123.0	-1151.7	1533	8.3	62716.6	-1121.7
1264	9.0	53446.8	-1146.1	1354	10.	55328.9	-1120.3	1444	9.0	61156.9	-1132.3	1534	10.	62722.3	-1140.6
1265	10.	53534.6	-1132.3	1355	9.5	55331.8	-1159.1	1445	9.5	61215.3	-1109.2	1535	9.6	62734.2	-1107.6
1266	9.9	53536.6	-1134.6	1356	9.5	55422.6	-1147.8	1446	9.1	61224.8	-1151.7	1536	8.1	62744.7	-1106.7
1267	7.5	53546.8	-1142.0	1357	9.0	55428.4	-1142.4	1447	9.3	61226.6	-1148.4	1537	10.	62756.0	-1119.7
1268	9.5	53547.1	-1129.9	1358	9.5	55433.3	-1101.6	1448	9.8	61230.7	-1107.6	1538	10.	62807.4	-1134.4
1269	8.5	53616.0	-1153.6	1359	8.8	55450.1	-1102.5	1449	8.9	61249.7	-1100.3	1539	9.1	62812.7	-1125.0
1270	8.0	53651.6	-1121.9	1360	9.7	55537.0	-1122.3	1450	9.6	61253.9	-1148.1	1540	9.8	62814.3	-1140.3
1271	9.2	53653.0	-1149.1	1361	9.5	55552.0	-1108.3	1451	9.1	61258.0	-1155.5	1541	10.	62820.7	-1106.0
1272	9.2	53654.1	-1157.1	1362	9.5	55601.8	-1114.7	1452	10.	61317.6	-1100.5	1542	10.	62822.5	-1110.0
1273	9.3	53701.3	-1108.0	1363	8.0	55607.0	-1120.3	1453	10.	61333.4	-1142.6	1543	9.2	62830.9	-1106.7
1274	10.	53751.0	-1151.4	1364	9.0	55610.7	-1109.2	1454	9.3	61342.9	-1113.2	1544	10.	62832.4	-1151.9
1275	9.0	53805.2	-1106.6	1365	9.5	55612.2	-1130.8	1455	10.	61403.7	-1124.8	1545	9.5	62833.5	-1156.1
1276	9.3	53816.0	-1148.8	1366	8.5	55620.7	-1153.2	1456	9.6	61411.9	-1137.4	1546	8.8	62836.4	-1134.0
1277	9.4	53816.6	-1159.5	1367	9.2	55646.7	-1106.7	1457	8.9	61412.7	-1147.0	1547	9.0	62841.4	-1153.0
1278	9.0	53822.0	-1147.8	1368	9.4	55649.7	-1109.4	1458	8.8	61415.5	-1137.1	1548	9.1	62852.0	-1142.4
1279	10.	53845.4	-1114.8	1369	9.5	55656.3	-1136.6	1459	6.8	61420.1	-1145.3	1549	10.	62857.1	-1130.5
1280	10.	53913.8	-1137.1	1370	10.	55713.8	-1110.3	1460	5.9	61439.0	-1142.3	1550	7.5	62906.9	-1115.8
1281	9.5	53934.7	-1129.4	1371	9.6	55717.1	-1103.2	1461	8.7	61448.9	-1100.6	1551	9.2	62919.4	-1142.0
1282	8.0	53942.9	-1104.9	1372	9.2	55726.7	-1109.4	1462	9.7	61504.5	-1146.0	1552	9.5	62932.7	-1126.6
1283	9.2	53944.9	-1142.9	1373	9.5	55737.8	-1159.4	1463	9.8	61537.2	-1100.4	1553	8.9	62958.4	-1127.8
1284	9.5	54006.0	-1151.4	1374	9.5	55738.7	-1109.4	1464	9.3	61541.0	-1117.7	1554	8.2	63004.0	-1118.2
1285	9.5	54015.8	-1138.8	1375	9.0	55755.1	-1128.2	1465	9.5	61541.4	-1136.2	1555	9.8	63017.6	-1112.6
1286	9.0	54037.7	-1133.0	1376	9.5	55806.4	-1138.9	1466	9.4	61541.9	-1144.9	1556	10.	63019.2	-1112.4
1287	9.0	54038.1	-1127.2	1377	9.7	55809.0	-1124.6	1467	10.	61551.2	-1117.7	1557	9.5	63021.1	-1131.7
1288	9.0	54042.8	-1134.3	1378	9.7	55836.9	-1117.9	1468	10.	61551.8	-1127.0	1558	9.1	63024.3	-1114.0
1289	9.5	54119.8	-1135.2	1379	10.	55842.2	-1131.3	1469	9.2	61616.4	-1145.8	1559	9.7	63040.8	-1152.8
1290	9.5	54123.1	-1155.3	1380	10.	55842.9	-1118.4	1470	9.8	61627.0	-1117.0	1560	10.	63043.0	-1102.5
1291	8.5	54146.6	-1124.4	1381	9.8	55845.3	-1134.5	1471	9.8	61630.6	-1151.0	1561	8.7	63045.0	-1120.2
1292	9.5	54151.9	-1145.1	1382	9.0	55923.2	-1131.3	1472	9.3	61653.4	-1136.4	1562	9.2	63047.3	-1114.0
1293	9.0	54159.4	-1114.6	1383	9.0	55957.7	-1156.6	1473	9.6	61654.3	-1131.4	1563	9.8	63047.7	-1153.1
1294	9.7	54213.8	-1134.3	1384	10.	60001.6	-1148.6	1474	9.4	61702.1	-1139.9	1564	8.5	63051.3	-1133.5
1295	10.	54214.3	-1137.9	1385	10.	60003.6	-1102.9	1475	9.4	61707.0	-1136.3	1565	9.8	63102.9	-1133.5
1296	9.0	54216.4	-1109.8	1386	7.0	60004.7	-1109.3	1476	10.	61707.9	-1127.0	1566	10.	63118.5	-1107.1
1297	9.0	54219.3	-1107.6	1387	9.0	60014.3	-1137.8	1477	10.	61717.1	-1141.0	1567	10.	63120.0	-1144.7
1298	9.8	54243.1	-1153.5	1388	9.5	60019.2	-1132.9	1478	6.0	61724.1	-1127.0	1568	9.0	63132.2	-1125.2
1299	8.8	54316.1	-1152.5	1389	9.2	60022.6	-1103.0	1479	9.7	61759.5	-1129.3	1569	9.4	63141.0	-1139.3
1300	9.5	54328.7	-1128.9	1390	9.8	60100.5	-1145.9	1480	9.8	61826.5	-1110.7	1570	8.5	63215.2	-1108.2
1301	9.7	54348.6	-1146.6	1391	9.5	60118.6	-1107.9	1481	9.0	61832.6	-1130.2	1571	9.9	63217.0	-1134.9
1302	10.	54357.5	-1119.1	1392	9.0	60138.1	-1127.5	1482	9.4	61837.2	-1134.6	1572	9.8	63225.3	-1101.9
1303	9.5	54403.7	-1131.2	1393	7.2	60138.7	-1107.5	1483	9.8	61848.4	-1112.7	1573	9.4	63225.7	-1112.1
1304	7.0	54435.9	-1140.9	1394	9.8	60140.2	-1112.5	1484	9.0	61857.4	-1115.1	1574	10.	63229.8	-1135.1
1305	8.5	54511.6	-1123.4	1395	8.5	60221.2	-1131.6	1485	9.2	61857.9	-1156.7	1575	9.1	63230.5	-1156.7
1306	9.6	54519.9	-1142.5	1396	9.0	60233.4	-1139.6	1486	9.0	61902.1	-1110.2	1576	8.0	63242.6	-1154.7
1307	9.5	54520.6	-1123.5	1397	9.0	60237.8	-1156.2	1487	9.4	61914.1	-1123.5	1577	8.2	63246.5	-1134.5
1308	9.0	54529.1	-1157.9	1398	9.7	60247.3	-1137.3	1488	8.5	61921.3	-1151.6	1578	9.0	63307.4	-1112.0
1309	9.5	54547.8	-1133.7	1399	9.5	60258.9	-1116.3	1489	9.4	61937.3	-1112.1	1579	9.9	63315.4	-1153.6
1310	9.5	54603.3	-1106.1	1400	9.5	60300.1	-1125.7	1490	9.1	61953.2	-1148.1	1580	9.4	63316.3	-1148.5

-11 1581 6h33m

-11 1940 7h20m

1581	9.3	63319.2	-1127.0	1671	9.4	64534.7	-1136.6	1761	9.3	65705.5	-1122.0	1851	9.5	70644.3	-1116.5
1582	10.	63327.0	-1116.9	1672	9.4	64607.0	-1129.4	1762	9.4	65706.6	-1116.0	1852	10.	70741.2	-1150.5
1583	9.0	63335.0	-1158.6	1673	7.5	64609.4	-1158.6	1763	9.2	65707.9	-1121.7	1853	8.6	70743.1	-1159.0
1584	10.	63401.0	-1138.5	1674	9.0	64615.6	-1133.0	1764	9.7	65716.4	-1112.4	1854	10.	70747.9	-1129.0
1585	9.5	63412.5	-1143.0	1675	8.3	64629.4	-1102.9	1765	10.	65716.9	-1116.2	1855	9.4	70754.8	-1142.1
1586	9.2	63415.8	-1112.1	1676	9.4	64646.3	-1143.2	1766	9.0	65727.6	-1111.3	1856	9.4	70801.4	-1107.6
1587	9.8	63428.5	-1149.3	1677	9.0	64657.5	-1130.1	1767	9.7	65734.3	-1107.0	1857	9.5	70803.1	-1151.5
1588	9.0	63431.2	-1128.0	1678	7.8	64659.7	-1105.1	1768	9.8	65741.8	-1147.0	1858	8.3	70812.6	-1137.5
1589	10.	63435.6	-1147.8	1679	9.3	64716.0	-1157.3	1769	9.5	65742.2	-1136.3	1859	10.	70823.9	-1131.3
1590	8.3	63438.3	-1110.5	1680	9.8	64728.5	-1140.3	1770	7.9	65751.9	-1118.6	1860	9.7	70826.7	-1144.6
1591	9.8	63454.2	-1108.1	1681	4.0	64728.8	-1151.1	1771	9.0	65752.7	-1146.0	1861	10.	70845.1	-1136.1
1592	10.	63510.1	-1122.6	1682	9.5	64730.0	-1135.0	1772	8.4	65753.2	-1154.6	1862	9.4	70846.7	-1137.9
1593	9.8	63512.7	-1112.0	1683	9.9	64730.2	-1131.2	1773	8.8	65756.2	-1102.5	1863	8.4	70906.0	-1100.6
1594	9.0	63516.7	-1125.7	1684	8.7	64746.4	-1112.3	1774	9.2	65805.2	-1142.2	1864	9.1	70919.9	-1130.1
1595	9.4	63522.3	-1113.8	1685	9.3	64812.1	-1124.7	1775	9.3	65805.3	-1126.1	1865	9.5	70929.2	-1157.6
1596	9.5	63528.9	-1147.0	1686	9.0	64813.0	-1132.1	1776	9.8	65812.9	-1128.8	1866	9.1	70935.1	-1150.2
1597	9.8	63542.2	-1108.0	1687	8.9	64816.2	-1135.0	1777	9.4	65820.1	-1145.1	1867	8.5	70949.6	-1114.1
1598	9.4	63545.6	-1140.4	1688	9.0	64819.0	-1144.6	1778	9.4	65830.1	-1103.8	1868	10.	70955.0	-1112.1
1599	9.9	63554.5	-1158.8	1689	9.0	64822.1	-1114.9	1779	10.	65831.7	-1123.9	1869	10.	70958.3	-1144.7
1600	9.7	63607.8	-1111.4	1690	10.	64822.6	-1148.3	1780	9.8	65851.3	-1145.7	1870	9.7	71006.4	-1154.8
1601	9.3	63610.3	-1117.9	1691	9.6	64826.2	-1135.2	1781	9.5	65851.6	-1121.2	1871	9.5	71007.5	-1156.6
1602	8.0	63611.9	-1137.3	1692	9.6	64830.8	-1145.5	1782	9.8	65858.8	-1141.8	1872	9.1	71014.2	-1128.0
1603	9.8	63622.3	-1138.4	1693	9.4	64838.1	-1117.8	1783	9.5	65917.0	-1117.6	1873	9.7	71020.5	-1120.5
1604	9.1	63624.2	-1154.3	1694	10.	64840.9	-1126.3	1784	9.0	65923.0	-1102.6	1874	7.1	71021.0	-1146.3
1605	9.5	63626.6	-1118.0	1695	9.2	64857.2	-1140.7	1785	10.	65928.9	-1130.6	1875	9.8	71042.0	-1131.3
1606	9.5	63626.7	-1116.1	1696	9.8	64858.0	-1137.9	1786	9.5	65935.6	-1137.7	1876	9.8	71045.4	-1154.5
1607	9.6	63651.4	-1122.2	1697	9.2	64859.5	-1140.5	1787	9.1	65937.6	-1102.2	1877	9.5	71050.6	-1152.2
1608	9.4	63657.3	-1154.0	1698	9.8	64907.4	-1155.2	1788	8.9	65943.2	-1119.1	1878	9.6	71054.1	-1122.0
1609	10.	63702.6	-1150.0	1699	9.2	64911.7	-1121.1	1789	9.7	65946.0	-1114.0	1879	8.9	71102.6	-1142.1
1610	9.4	63705.9	-1116.3	1700	9.7	64922.6	-1144.6	1790	5.8	65951.8	-1104.0	1880	9.5	71107.6	-1122.9
1611	9.5	63712.4	-1141.8	1701	10.	64928.4	-1143.2	1791	9.1	65959.8	-1124.0	1881	8.5	71121.3	-1108.3
1612	9.3	63718.8	-1111.0	1702	9.6	64935.6	-1133.9	1792	9.8	70002.9	-1139.3	1882	9.4	71124.7	-1156.5
1613	9.3	63723.7	-1144.3	1703	9.8	64941.5	-1121.1	1793	8.4	70007.7	-1106.3	1883	9.5	71126.9	-1142.3
1614	10.	63755.4	-1152.4	1704	9.5	65005.9	-1157.4	1794	9.8	70015.9	-1129.0	1884	9.7	71217.1	-1153.0
1615	9.7	63758.2	-1147.4	1705	9.0	65006.0	-1111.5	1795	8.3	70029.4	-1157.9	1885	9.0	71226.4	-1111.8
1616	9.7	63803.0	-1138.3	1706	9.5	65008.8	-1153.8	1796	9.8	70029.4	-1113.3	1886	10.	71243.6	-1119.2
1617	9.1	63806.1	-1139.6	1707	9.6	65021.1	-1133.6	1797	8.9	70030.1	-1144.8	1887	9.5	71245.4	-1121.7
1618	8.8	63819.0	-1116.0	1708	10.	65029.5	-1130.4	1798	9.8	70039.4	-1156.5	1888	9.8	71253.3	-1146.1
1619	9.5	63821.9	-1132.9	1709	10.	65038.2	-1143.5	1799	9.4	70050.7	-1108.5	1889	9.0	71254.9	-1157.0
1620	9.6	63824.5	-1138.5	1710	9.5	65053.4	-1156.5	1800	9.3	70058.7	-1134.9	1890	9.8	71257.9	-1112.9
1621	9.2	63827.3	-1100.0	1711	9.8	65106.0	-1116.2	1801	9.1	70107.2	-1141.5	1891	9.0	71308.4	-1138.8
1622	9.7	63859.1	-1104.0	1712	9.3	65118.3	-1137.1	1802	10.	70111.3	-1119.9	1892	9.8	71312.4	-1130.9
1623	9.4	63901.6	-1151.3	1713	9.4	65129.2	-1120.0	1803	8.5	70112.0	-1122.1	1893	9.4	71316.3	-1128.6
1624	9.4	63910.0	-1116.5	1714	8.5	65140.5	-1114.2	1804	9.4	70115.2	-1148.1	1894	10.	71345.4	-1141.2
1625	10.	63918.6	-1144.7	1715	9.2	65155.5	-1129.9	1805	7.6	70117.1	-1141.8	1895	9.5	71346.4	-1143.0
1626	10.	63920.0	-1159.0	1716	9.3	65156.0	-1137.8	1806	9.9	70117.5	-1157.8	1896	9.9	71356.1	-1113.7
1627	9.7	63937.0	-1139.5	1717	9.2	65157.4	-1146.6	1807	10.	70118.5	-1157.4	1897	9.8	71407.1	-1138.8
1628	9.5	63938.8	-1143.9	1718	9.8	65209.4	-1111.8	1808	9.3	70128.4	-1103.6	1898	9.4	71411.8	-1120.4
1629	9.4	63945.3	-1131.6	1719	8.8	65223.9	-1128.4	1809	9.5	70132.7	-1130.8	1899	9.2	71411.9	-1124.7
1630	9.3	63948.3	-1139.9	1720	8.7	65233.6	-1118.1	1810	10.	70133.3	-1140.1	1900	9.6	71413.6	-1122.9
1631	9.5	64010.4	-1155.3	1721	9.8	65240.8	-1148.0	1811	9.4	70133.5	-1144.1	1901	9.2	71414.9	-1119.0
1632	9.5	64014.9	-1152.7	1722	9.4	65247.5	-1152.8	1812	8.5	70136.6	-1137.8	1902	9.4	71415.1	-1152.6
1633	9.4	64019.1	-1141.5	1723	9.5	65250.8	-1143.1	1813	9.7	70142.6	-1155.7	1903	10.	71424.5	-1117.4
1634	9.8	64031.0	-1146.3	1724	9.4	65251.5	-1135.9	1814	9.8	70142.9	-1147.0	1904	10.	71429.3	-1105.7
1635	9.8	64046.9	-1119.4	1725	8.5	65253.2	-1146.1	1815	9.5	70201.6	-1107.7	1905	9.5	71433.9	-1130.7
1636	8.5	64100.0	-1134.1	1726	9.5	65302.0	-1111.8	1816	9.1	70206.2	-1116.4	1906	9.3	71436.4	-1111.8
1637	9.0	64104.2	-1134.3	1727	9.8	65311.4	-1124.7	1817	9.5	70206.5	-1100.3	1907	8.7	71452.0	-1133.7
1638	8.9	64117.5	-1142.7	1728	8.7	65318.1	-1148.7	1818	10.	70248.2	-1154.5	1908	9.5	71457.6	-1137.7
1639	9.8	64119.8	-1115.5	1729	9.3	65325.4	-1136.1	1819	9.3	70253.1	-1150.6	1909	9.1	71517.9	-1111.8
1640	9.5	64124.1	-1128.4	1730	9.2	65330.6	-1131.7	1820	9.8	70255.9	-1150.6	1910	9.5	71530.7	-1123.2
1641	8.9	64127.4	-1151.7	1731	10.	65331.5	-1113.1	1821	9.8	70321.4	-1129.8	1911	8.6	71534.3	-1143.6
1642	8.8	64132.8	-1106.9	1732	9.8	65334.5	-1150.2	1822	8.0	70321.6	-1134.7	1912	9.5	71601.6	-1157.6
1643	9.7	64134.6	-1116.5	1733	9.4	65338.5	-1159.3	1823	9.8	70323.4	-1151.8	1913	9.3	71605.3	-1149.8
1644	8.6	64147.0	-1141.3	1734	9.8	65345.6	-1115.8	1824	9.2	70334.4	-1100.9	1914	9.8	71605.9	-1110.0
1645	9.8	64153.6	-1122.3	1735	9.2	65350.8	-1102.6	1825	9.4	70353.6	-1115.5	1915	9.5	71610.7	-1139.9
1646	9.6	64158.9	-1110.3	1736	9.9	65354.2	-1119.9	1826	8.2	70358.7	-1120.6	1916	9.8	71613.4	-1135.4
1647	9.6	64207.6	-1141.5	1737	9.5	65357.8	-1104.7	1827	9.0	70359.9	-1131.1	1917	9.4	71622.5	-1124.7
1648	9.7	64221.4	-1111.5	1738	9.1	65415.6	-1131.2	1828	10.	70417.5	-1118.0	1918	9.3	71651.1	-1137.7
1649	9.8	64233.5	-1111.5	1739	10.	65423.3	-1136.3	1829	9.7	70427.7	-1116.3	1919	9.8	71710.1	-1151.7
1650	8.9	64237.6	-1101.9	1740	9.9	65423.8	-1116.7	1830	7.5	70430.6	-1148.3	1920	10.	71715.7	-1105.0
1651	9.6	64238.6	-1107.1	1741	10.	65431.0	-1129.4	1831	9.8	70432.4	-1108.0	1921	9.0	71725.4	-1111.1
1652	9.6	64248.3	-1149.1	1742	9.1	65433.0	-1101.5	1832	9.5	70436.0	-1114.5	1922	8.7	71726.8	-1108.0
1653	9.5	64254.5	-1115.5	1743	9.8	65438.4	-1107.5	1833	9.8	70501.1	-1105.8	1923	9.2	71732.2	-1101.2
1654	9.2	64302.7	-1120.5	1744	9.8	65449.0	-1129.0	1834	9.7	70501.5	-1126.9	1924	8.2	71742.6	-1155.5
1655	9.0	64307.0	-1132.5	1745	9.3	65456.6	-1101.0	1835	10.	70514.6	-1146.6	1925	9.0	71750.6	-1106.8
1656	9.0	64318.0	-1112.4	1746	9.7	65458.8	-1142.1	1836	9.3	70524.4	-1109.2	1926	9.9	71754.0	-1159.5
1657	9.3	64353.8	-1124.0	1747	7.2	65501.3	-1105.7	1837	9.1	70527.0	-1148.7	1927	9.7	71758.1	-1125.3
1658	9.8	64355.7	-1129.6	1748	9.3	65506.9	-1144.2	1838	10.	70529.3	-1125.3	1928	9.5	71825.9	-1110.0
1659	9.5	64357.2	-1146.1	1749	9.5	65507.2	-1149.3	1839	10.	70533.2	-1122.7	1929	9.8	71831.7	-1124.6
1660	9.1	64406.3	-1137.6	1750	9.3	65512.6	-1158.4	1840	9.3	70540.5	-1132.4	1930	8.7	71834.0	-1101.1
1661	9.0	64426.0	-1115.9	1751	9.8	65513.7	-1137.2	1841	9.0	70543.1	-1150.9	1931	9.5	71843.1	-1112.5
1662	9.0	64429.0	-1114.3	1752	9.8	65526.4	-1100.1	1842	9.2	70543.9	-1156.5	1932	9.5	71847.4	-1110.5
1663	9.6	64443.1	-1132.7	1753	9.8	65529.3	-1121.8	1843	10.	70547.3	-1103.1	1933	9.5	71856.7	-1124.6
1664	9.4	64449.7	-1102.3	1754	9.8	65535.8	-1129.4	1844	9.7	70554.8	-1105.5	1934	8.4	71910.1	-1143.1
1665	10.	64506.5	-1114.4	1755	8.7	65554.6	-1114.9	1845	8.7	70600.2	-1150.0	1935	9.7	71911.9	-1139.3
1666	10.	64507.1	-1109.7	1756	9.2	65603.6	-1141.7	1846	9.4	70600.6	-1103.2	1936	9.8	71919.4	-1146.9
1667	8.0	64514.7	-1102.0	1757	9.4	65604.4	-1134.0	1847	8.3	70602.2	-1121.5	1937	8.5	71923.4	-1147.2
1668	9.3	64520.0	-1128.8	1758	9.5	65610.4	-1146.1	1848	9.4	70617.2	-1122.8	1938	9.2	71951.4	-1117.9
1669	10.	64525.9	-1100.2	1759	9.8	65624.5	-1113.4	1849	6.3	70619.4	-1100.6	1939	9.9	71959.3	-1153.8
1670	9.0	64531.2	-1122.2	1760	9.0	65655.7	-1120.0	1850	9.5	70635.7	-1121.5	1940	8.3	72011.2	-1104.7

-11 1941 7h20m

-11 2300 8h09m

1941	8.9	72015.8	-1125.9	2031	9.2	73123.2	-1151.7	2121	9.0	74325.6	-1112.8	2211	9.4	75624.3	-1127.4
1942	8.3	72017.6	-1155.7	2032	9.5	73128.7	-1113.0	2122	9.8	74338.7	-1128.0	2212	9.1	75631.6	-1113.5
1943	9.8	72029.5	-1129.5	2033	9.1	73147.7	-1155.5	2123	10.	74348.2	-1105.0	2213	9.6	75634.6	-1115.0
1944	9.8	72030.3	-1131.6	2034	8.3	73149.7	-1155.9	2124	9.0	74410.9	-1105.0	2214	10.	75639.7	-1135.5
1945	8.3	72031.6	-1112.4	2035	9.7	73158.9	-1104.0	2125	10.	74442.8	-1154.0	2215	9.5	75642.1	-1146.3
1946	9.2	72034.8	-1145.5	2036	9.9	73211.0	-1102.8	2126	9.5	74500.7	-1132.0	2216	9.3	75646.6	-1114.8
1947	9.3	72049.4	-1104.0	2037	8.5	73217.3	-1130.4	2127	9.0	74504.6	-1138.2	2217	9.0	75648.4	-1140.0
1948	9.5	72055.0	-1130.7	2038	9.7	73218.3	-1114.9	2128	9.6	74505.8	-1127.0	2218	9.3	75652.0	-1153.8
1949	9.8	72057.2	-1122.4	2039	7.5	73237.7	-1113.8	2129	9.0	74517.2	-1128.6	2219	9.5	75713.5	-1149.4
1950	8.7	72103.1	-1126.2	2040	9.8	73244.8	-1146.8	2130	9.5	74519.7	-1137.7	2220	9.7	75722.4	-1102.7
1951	6.3	72103.5	-1115.9	2041	8.7	73246.9	-1106.0	2131	9.4	74526.7	-1108.6	2221	9.4	75722.5	-1118.9
1952	9.1	72103.9	-1143.6	2042	9.8	73249.5	-1121.9	2132	9.3	74527.9	-1159.8	2222	9.0	75722.6	-1126.9
1953	9.3	72115.0	-1138.1	2043	9.6	73255.3	-1156.2	2133	8.5	74530.5	-1117.3	2223	9.3	75725.5	-1119.3
1954	9.6	72137.3	-1118.5	2044	9.8	73255.4	-1128.3	2134	9.5	74532.7	-1125.3	2224	9.1	75734.2	-1107.5
1955	9.9	72139.9	-1101.8	2045	9.2	73307.0	-1135.7	2135	9.8	74535.1	-1121.2	2225	9.4	75745.6	-1142.4
1956	9.8	72145.7	-1159.0	2046	9.5	73308.4	-1105.6	2136	8.9	74544.7	-1133.1	2226	8.5	75753.7	-1137.1
1957	10.	72150.6	-1124.3	2047	9.1	73309.2	-1151.9	2137	9.4	74554.4	-1153.2	2227	10.	75836.9	-1140.1
1958	10.	72154.9	-1122.5	2048	10.	73315.1	-1101.4	2138	9.8	74601.5	-1117.3	2228	9.8	75837.6	-1113.7
1959	10.	72155.0	-1134.6	2049	9.1	73317.3	-1135.7	2139	9.8	74606.4	-1102.4	2229	9.2	75841.0	-1104.7
1960	9.1	72157.1	-1152.3	2050	9.0	73321.3	-1131.2	2140	9.8	74610.2	-1108.4	2230	9.6	75845.8	-1148.4
1961	9.6	72157.9	-1144.5	2051	9.4	73322.0	-1131.7	2141	8.2	74614.6	-1115.0	2231	10.	75849.7	-1153.1
1962	9.0	72213.7	-1148.0	2052	8.2	73325.0	-1145.0	2142	10.	74619.0	-1141.0	2232	10.	75851.5	-1157.5
1963	9.7	72218.1	-1156.3	2053	10.	73332.4	-1150.5	2143	9.0	74622.5	-1143.5	2233	9.3	75856.3	-1147.7
1964	9.0	72228.7	-1146.0	2054	6.9	73332.5	-1125.4	2144	9.8	74632.2	-1108.2	2234	8.9	75908.1	-1144.7
1965	9.4	72235.0	-1121.9	2055	10.	73334.2	-1143.5	2145	9.4	74634.4	-1154.8	2235	10.	75925.0	-1149.9
1966	9.3	72246.4	-1132.2	2056	9.0	73337.8	-1132.6	2146	9.5	74635.5	-1131.2	2236	8.5	75926.4	-1125.2
1967	8.9	72249.0	-1103.6	2057	9.8	73355.0	-1105.3	2147	9.5	74636.6	-1124.7	2237	8.8	75937.7	-1109.9
1968	8.9	72258.8	-1105.4	2058	9.0	73416.2	-1111.6	2148	9.4	74640.7	-1109.3	2238	9.5	75949.3	-1147.4
1969	9.5	72303.1	-1148.0	2059	9.5	73417.5	-1121.6	2149	9.8	74648.5	-1150.5	2239	9.0	75959.9	-1153.5
1970	9.6	72304.4	-1159.8	2060	9.5	73422.4	-1154.7	2150	8.3	74652.3	-1153.4	2240	9.5	80026.3	-1129.2
1971	9.5	72316.9	-1130.6	2061	10.	73423.8	-1158.6	2151	9.5	74656.9	-1121.6	2241	9.2	80027.9	-1101.8
1972	9.4	72317.4	-1144.8	2062	9.1	73432.5	-1155.8	2152	8.9	74657.8	-1155.0	2242	9.5	80031.0	-1120.8
1973	9.4	72337.1	-1159.8	2063	8.9	73448.4	-1101.5	2153	9.5	74704.8	-1154.9	2243	8.8	80034.9	-1125.5
1974	9.9	72343.6	-1144.8	2064	9.8	73451.7	-1135.3	2154	9.2	74721.0	-1116.4	2244	9.1	80042.4	-1147.7
1975	10.	72343.8	-1143.5	2065	9.4	73456.3	-1146.3	2155	9.3	74722.4	-1132.9	2245	8.3	80046.7	-1114.7
1976	9.4	72347.2	-1115.5	2066	8.0	73513.7	-1130.9	2156	9.4	74735.5	-1141.5	2246	9.3	80051.3	-1156.9
1977	10.	72351.9	-1159.3	2067	8.8	73522.8	-1100.7	2157	9.1	74754.4	-1129.1	2247	9.6	80108.6	-1148.8
1978	9.5	72403.6	-1148.7	2068	9.8	73529.5	-1157.0	2158	9.2	74808.8	-1153.3	2248	9.4	80112.0	-1137.7
1979	9.8	72413.0	-1122.4	2069	9.6	73540.4	-1101.9	2159	9.2	74810.0	-1154.4	2249	9.8	80112.6	-1135.4
1980	8.7	72438.7	-1156.0	2070	9.7	73541.1	-1118.4	2160	9.7	74812.3	-1125.6	2250	9.0	80129.5	-1112.3
1981	9.8	72445.2	-1117.0	2071	9.0	73546.5	-1151.4	2161	9.7	74815.3	-1136.7	2251	9.5	80133.5	-1116.0
1982	9.4	72448.1	-1119.1	2072	9.5	73557.9	-1127.8	2162	9.2	74828.8	-1148.4	2252	10.	80137.0	-1141.2
1983	10.	72504.5	-1151.9	2073	9.1	73604.9	-1143.9	2163	8.5	74830.1	-1123.7	2253	9.4	80201.9	-1113.2
1984	9.3	72507.6	-1118.1	2074	9.9	73614.3	-1105.0	2164	9.5	74831.1	-1109.7	2254	9.5	80218.4	-1106.8
1985	9.0	72519.8	-1114.0	2075	9.2	73637.4	-1155.8	2165	9.3	74834.1	-1142.4	2255	8.5	80220.6	-1109.5
1986	9.0	72524.8	-1110.3	2076	9.7	73639.3	-1142.6	2166	9.8	74845.7	-1151.0	2256	9.1	80229.4	-1146.8
1987	8.6	72534.7	-1114.8	2077	9.8	73646.7	-1112.5	2167	9.7	74855.0	-1103.2	2257	9.0	80230.1	-1120.7
1988	9.1	72535.3	-1134.7	2078	9.5	73651.2	-1114.1	2168	9.9	74902.3	-1151.1	2258	9.3	80233.9	-1139.3
1989	10.	72547.3	-1103.8	2079	9.5	73659.5	-1136.3	2169	9.0	74907.1	-1103.3	2259	9.5	80238.8	-1158.9
1990	9.0	72547.9	-1108.1	2080	9.5	73706.9	-1100.7	2170	8.9	74915.2	-1133.6	2260	9.5	80242.7	-1111.4
1991	10.	72605.2	-1157.4	2081	9.5	73708.6	-1131.8	2171	9.1	74933.9	-1119.1	2261	9.3	80243.1	-1134.2
1992	9.0	72605.4	-1144.3	2082	9.8	73714.7	-1121.3	2172	9.8	74946.1	-1145.0	2262	8.5	80243.8	-1100.5
1993	10.	72613.8	-1110.7	2083	9.8	73731.6	-1110.5	2173	9.7	74951.5	-1147.6	2263	9.2	80254.5	-1105.3
1994	8.8	72622.1	-1118.3	2084	9.3	73735.6	-1112.7	2174	9.5	74958.6	-1101.0	2264	8.9	80309.8	-1148.9
1995	10.	72635.7	-1145.6	2085	9.8	73742.6	-1115.2	2175	9.5	75010.1	-1150.0	2265	9.4	80337.3	-1102.5
1996	9.4	72643.8	-1102.9	2086	8.7	73745.5	-1158.2	2176	9.2	75017.6	-1103.4	2266	9.0	80341.1	-1107.4
1997	8.9	72646.0	-1158.3	2087	9.8	73803.0	-1156.4	2177	9.0	75024.0	-1135.8	2267	9.0	80410.2	-1129.8
1998	9.4	72655.5	-1153.4	2088	8.2	73814.2	-1125.0	2178	9.4	75034.0	-1115.0	2268	8.3	80416.4	-1120.4
1999	9.8	72703.6	-1104.9	2089	9.0	73820.1	-1155.5	2179	9.0	75042.2	-1141.5	2269	9.5	80421.3	-1121.3
2000	9.3	72721.3	-1143.9	2090	9.8	73837.3	-1147.2	2180	9.4	75059.2	-1124.7	2270	9.3	80430.4	-1144.7
2001	9.0	72735.8	-1114.5	2091	9.1	73841.2	-1136.4	2181	9.2	75101.1	-1130.2	2271	10.	80432.5	-1115.0
2002	9.8	72740.9	-1145.4	2092	8.9	73857.7	-1103.6	2182	8.5	75106.7	-1128.0	2272	9.3	80439.0	-1146.6
2003	8.9	72744.9	-1156.7	2093	9.8	73911.0	-1159.3	2183	9.8	75107.5	-1142.9	2273	8.5	80446.7	-1155.3
2004	9.4	72755.0	-1149.6	2094	9.5	73917.9	-1144.4	2184	10.	75123.4	-1157.6	2274	9.1	80456.4	-1118.6
2005	9.5	72758.7	-1123.1	2095	9.6	73937.8	-1103.5	2185	10.	75141.0	-1152.2	2275	8.4	80501.8	-1102.5
2006	10.	72802.7	-1137.9	2096	9.6	73940.9	-1156.8	2186	9.4	75150.9	-1140.4	2276	9.0	80514.7	-1126.4
2007	9.5	72812.2	-1113.5	2097	7.5	73945.5	-1119.4	2187	8.5	75207.8	-1107.6	2277	9.8	80535.6	-1129.7
2008	9.3	72820.0	-1153.8	2098	9.5	73951.9	-1142.2	2188	8.8	75217.2	-1124.8	2278	9.2	80558.4	-1153.5
2009	9.7	72820.5	-1150.1	2099	9.1	73952.5	-1123.8	2189	9.0	75223.2	-1142.4	2279	9.4	80559.1	-1150.6
2010	9.5	72839.0	-1157.4	2100	8.7	74029.9	-1150.8	2190	9.7	75228.3	-1148.3	2280	9.4	80634.5	-1150.3
2011	9.5	72850.1	-1143.0	2101	9.4	74036.4	-1123.4	2191	8.9	75229.3	-1156.5	2281	9.5	80645.7	-1107.5
2012	9.0	72858.6	-1108.3	2102	9.3	74044.5	-1104.0	2192	9.4	75253.4	-1110.4	2282	9.1	80710.3	-1128.1
2013	9.4	72858.7	-1153.0	2103	9.8	74058.7	-1110.6	2193	9.3	75300.9	-1102.0	2283	8.6	80712.9	-1119.6
2014	10.	72921.4	-1104.8	2104	9.0	74101.1	-1148.7	2194	10.	75317.8	-1143.3	2284	8.4	80740.8	-1105.6
2015	9.4	72924.6	-1145.8	2105	9.2	74108.3	-1137.2	2195	9.2	75326.0	-1102.4	2285	9.5	80750.6	-1133.0
2016	8.9	72927.8	-1151.4	2106	6.0	74109.2	-1150.2	2196	9.0	75329.2	-1111.0	2286	9.6	80758.0	-1103.5
2017	9.0	72932.4	-1127.8	2107	9.1	74110.5	-1158.2	2197	9.3	75337.5	-1153.7	2287	9.5	80804.2	-1109.4
2018	10.	72939.7	-1112.5	2108	9.5	74119.5	-1133.9	2198	9.3	75359.8	-1103.2	2288	9.4	80805.4	-1113.7
2019	10.	72940.1	-1158.4	2109	10.	74137.8	-1113.1	2199	9.5	75414.3	-1105.8	2289	9.0	80818.7	-1130.0
2020	9.0	73004.6	-1113.7	2110	9.8	74138.9	-1100.2	2200	9.8	75429.9	-1150.2	2290	9.8	80827.0	-1100.1
2021	9.4	73009.7	-1110.6	2111	8.3	74142.4	-1151.4	2201	9.7	75431.6	-1144.2	2291	9.3	80837.8	-1102.4
2022	9.0	73012.0	-1104.3	2112	9.6	74213.6	-1114.2	2202	9.3	75443.3	-1133.3	2292	8.8	80845.7	-1158.6
2023	9.5	73012.7	-1137.4	2113	9.6	74227.8	-1120.5	2203	9.0	75445.0	-1120.0	2293	8.9	80850.8	-1148.2
2024	9.3	73023.5	-1124.9	2114	8.0	74229.1	-1104.1	2204	9.4	75447.5	-1149.3	2294	9.8	80857.8	-1103.7
2025	9.0	73023.8	-1108.8	2115	10.	74246.2	-1157.1	2205	9.5	75452.1	-1123.9	2295	9.8	80918.3	-1130.8
2026	9.6	73030.3	-1146.2	2116	9.4	74246.7	-1146.2	2206	9.6	75514.9	-1100.6	2296	9.3	80924.2	-1119.4
2027	9.5	73031.1	-1150.0	2117	9.0	74258.7	-1133.8	2207	8.5	75525.0	-1153.5	2297	8.5	80928.2	-1107.3
2028	9.5	73035.3	-1146.7	2118	9.8	74314.2	-1145.2	2208	8.7	75541.2	-1134.6	2298	9.8	80930.4	-1122.2
2029	9.7	73110.8	-1110.5	2119	9.0	74322.9	-1159.7	2209	8.5	75546.0	-1157.6	2299	9.1	80932.9	-1122.8
2030	9.9	73122.1	-1150.8	2120	10.	74324.8	-1159.6	2210	9.5	75546.8	-1146.9	2300	9.1	80936.2	-1119.0

-11 2301 8h09m

-11 2660 9h25m

2301	9.4	80938.9	-1124.1	2391	9.4	82731.4	-1128.0	2481	9.1	84459.1	-1156.5	2571	9.6	90323.8	-1138.9
2302	9.8	80959.8	-1139.3	2392	9.8	82743.2	-1105.1	2482	9.2	84534.3	-1124.2	2572	9.6	90413.9	-1124.3
2303	9.8	81003.2	-1151.3	2393	9.4	82745.5	-1137.2	2483	8.0	84556.1	-1110.2	2573	9.6	90432.7	-1151.7
2304	9.3	81008.5	-1112.2	2394	9.8	82756.0	-1110.0	2484	9.8	84607.6	-1131.9	2574	9.3	90442.6	-1134.4
2305	8.5	81030.9	-1119.2	2395	9.5	82756.6	-1129.5	2485	9.8	84616.7	-1108.7	2575	8.6	90452.1	-1135.2
2306	9.8	81041.3	-1139.9	2396	9.1	82756.6	-1121.6	2486	9.5	84630.0	-1153.5	2576	9.8	90456.9	-1141.6
2307	9.1	81051.9	-1155.0	2397	10.	82757.5	-1100.9	2487	9.9	84633.6	-1108.2	2577	8.4	90503.7	-1114.5
2308	9.5	81119.8	-1124.4	2398	8.8	82811.0	-1113.0	2488	9.1	84707.5	-1103.0	2578	9.1	90533.6	-1104.8
2309	9.0	81130.1	-1137.1	2399	8.7	82815.6	-1133.6	2489	9.8	84729.9	-1139.8	2579	9.9	90536.8	-1152.2
2310	9.3	81148.6	-1134.8	2400	9.4	82841.7	-1158.5	2490	9.3	84746.1	-1159.7	2580	9.1	90615.3	-1157.7
2311	9.4	81156.2	-1142.0	2401	9.8	82858.2	-1125.2	2491	10.	84759.9	-1147.3	2581	10.	90625.5	-1139.7
2312	8.8	81216.5	-1105.8	2402	9.2	82906.1	-1152.4	2492	9.2	84802.2	-1140.7	2582	9.6	90628.6	-1118.0
2313	8.5	81220.0	-1104.2	2403	8.5	82907.3	-1106.5	2493	8.9	84819.9	-1104.0	2583	8.7	90641.1	-1147.2
2314	8.8	81224.0	-1111.7	2404	9.8	82914.2	-1153.4	2494	9.1	84822.0	-1132.3	2584	9.8	90709.7	-1149.0
2315	8.0	81237.3	-1126.2	2405	9.6	82922.5	-1140.1	2495	9.1	84830.2	-1139.1	2585	9.3	90712.4	-1153.0
2316	9.0	81239.8	-1141.1	2406	9.7	82924.7	-1153.9	2496	9.8	84845.7	-1112.6	2586	9.5	90745.7	-1143.9
2317	8.5	81248.6	-1109.2	2407	8.8	82925.4	-1155.8	2497	9.5	84847.3	-1153.0	2587	9.8	90745.9	-1105.3
2318	9.1	81326.5	-1140.6	2408	9.8	82957.3	-1123.7	2498	9.0	84858.3	-1120.2	2588	9.3	90757.7	-1131.6
2319	9.5	81336.7	-1127.5	2409	9.3	83038.5	-1113.7	2499	9.3	84921.5	-1139.4	2589	9.8	90816.9	-1148.8
2320	9.8	81346.0	-1110.0	2410	9.3	83045.7	-1158.9	2500	9.1	84922.5	-1112.7	2590	9.1	90838.6	-1114.9
2321	9.2	81352.7	-1158.7	2411	7.0	83106.5	-1114.6	2501	10.	84949.6	-1126.2	2591	8.5	90851.6	-1102.1
2322	9.4	81400.7	-1157.3	2412	9.4	83143.4	-1111.4	2502	9.9	84959.6	-1128.7	2592	9.0	90858.1	-1137.8
2323	9.5	81402.4	-1111.6	2413	8.8	83152.6	-1107.1	2503	8.9	85002.9	-1151.9	2593	9.7	90902.9	-1142.1
2324	9.5	81412.6	-1157.0	2414	9.6	83159.6	-1129.4	2504	9.8	85026.4	-1118.0	2594	8.6	90928.3	-1119.5
2325	9.8	81415.8	-1148.5	2415	8.2	83207.4	-1136.5	2505	9.8	85030.6	-1130.7	2595	9.4	90943.2	-1109.0
2326	9.5	81438.8	-1119.9	2416	9.1	83208.7	-1159.8	2506	9.8	85047.4	-1104.5	2596	9.7	90943.9	-1101.2
2327	9.4	81454.3	-1123.0	2417	9.5	83212.6	-1145.5	2507	9.8	85048.5	-1144.0	2597	9.8	91009.1	-1111.9
2328	9.2	81457.9	-1147.8	2418	9.5	83234.9	-1133.8	2508	9.6	85049.5	-1147.6	2598	9.1	91015.3	-1155.8
2329	9.3	81511.4	-1102.6	2419	9.2	83301.9	-1120.9	2509	9.0	85058.7	-1149.4	2599	9.8	91016.7	-1111.9
2330	9.1	81540.0	-1147.6	2420	5.7	83309.4	-1157.9	2510	9.3	85141.1	-1122.9	2600	9.1	91018.1	-1124.2
2331	9.1	81551.0	-1137.0	2421	9.8	83314.0	-1119.0	2511	9.5	85144.1	-1107.9	2601	7.7	91030.9	-1121.4
2332	8.4	81600.3	-1155.7	2422	9.5	83320.2	-1102.6	2512	9.7	85154.2	-1104.6	2602	9.0	91051.2	-1110.0
2333	8.7	81606.7	-1102.4	2423	9.5	83331.3	-1153.0	2513	9.4	85209.5	-1109.7	2603	10.	91103.6	-1130.0
2334	10.	81611.6	-1144.9	2424	9.5	83347.6	-1124.4	2514	9.5	85213.1	-1156.3	2604	8.7	91107.6	-1142.9
2335	8.7	81612.5	-1135.7	2425	7.8	83347.9	-1139.7	2515	9.6	85241.0	-1109.0	2605	10.	91126.4	-1146.4
2336	9.5	81615.2	-1126.1	2426	7.8	83349.2	-1124.4	2516	10.	85244.2	-1147.6	2606	9.5	91141.9	-1137.5
2337	9.3	81621.7	-1157.2	2427	9.2	83431.1	-1151.3	2517	9.5	85244.6	-1126.0	2607	9.5	91153.1	-1156.0
2338	9.1	81626.8	-1112.5	2428	9.6	83454.2	-1102.5	2518	9.9	85249.6	-1146.8	2608	10.	91244.7	-1108.3
2339	9.0	81641.1	-1154.6	2429	9.1	83503.8	-1159.1	2519	9.5	85301.8	-1114.1	2609	5.5	91247.8	-1121.9
2340	9.8	81654.2	-1116.6	2430	9.6	83504.6	-1159.8	2520	8.0	85310.4	-1153.9	2610	9.3	91320.3	-1124.2
2341	9.6	81705.3	-1155.3	2431	9.5	83509.6	-1137.1	2521	7.8	85324.4	-1140.7	2611	9.0	91354.4	-1157.5
2342	9.6	81709.4	-1100.5	2432	6.8	83515.4	-1127.1	2522	9.8	85326.1	-1106.4	2612	9.5	91357.8	-1142.3
2343	9.7	81731.6	-1102.2	2433	9.8	83525.2	-1135.8	2523	7.3	85336.8	-1134.4	2613	9.8	91406.2	-1139.3
2344	8.9	81740.0	-1102.7	2434	9.8	83547.0	-1122.4	2524	9.2	85342.6	-1145.0	2614	9.0	91431.8	-1113.5
2345	7.5	81746.2	-1103.1	2435	9.9	83547.8	-1144.9	2525	9.8	85400.7	-1138.8	2615	9.8	91432.5	-1143.7
2346	9.5	81754.9	-1136.5	2436	9.6	83559.5	-1146.5	2526	9.0	85414.8	-1154.8	2616	9.5	91507.6	-1112.1
2347	9.1	81802.7	-1151.7	2437	7.8	83614.7	-1154.0	2527	9.7	85419.8	-1159.2	2617	9.8	91508.4	-1129.5
2348	9.5	81826.3	-1150.6	2438	9.4	83631.6	-1152.2	2528	8.5	85434.0	-1108.4	2618	9.5	91511.1	-1150.8
2349	9.8	81826.6	-1125.3	2439	9.4	83642.6	-1150.8	2529	9.2	85444.5	-1152.9	2619	9.6	91514.0	-1112.5
2350	10.	81826.9	-1102.5	2440	9.5	83702.3	-1102.0	2530	9.4	85456.3	-1156.0	2620	10.	91530.5	-1150.7
2351	9.5	81838.7	-1125.3	2441	9.2	83704.2	-1127.0	2531	9.8	85502.8	-1139.4	2621	8.5	91554.5	-1105.6
2352	8.3	81848.6	-1157.5	2442	9.5	83704.5	-1139.4	2532	9.5	85506.4	-1159.6	2622	9.8	91605.9	-1139.5
2353	9.5	81858.0	-1157.4	2443	9.3	83721.8	-1130.0	2533	9.8	85520.3	-1113.4	2623	8.9	91632.8	-1104.4
2354	9.8	81904.4	-1102.6	2444	8.8	83723.2	-1155.2	2534	9.3	85527.1	-1132.6	2624	9.1	91655.1	-1110.9
2355	8.3	81912.1	-1130.6	2445	9.9	83757.2	-1147.9	2535	9.1	85535.1	-1156.9	2625	9.9	91709.9	-1138.8
2356	9.8	81916.9	-1103.7	2446	9.8	83804.2	-1156.8	2536	9.4	85632.0	-1106.4	2626	9.7	91730.8	-1119.2
2357	9.7	81918.5	-1140.5	2447	9.5	83804.6	-1151.9	2537	8.3	85639.2	-1159.0	2627	9.3	91732.1	-1129.0
2358	8.0	81946.8	-1117.9	2448	10.	83809.5	-1116.5	2538	9.5	85640.8	-1141.0	2628	9.1	91801.6	-1127.5
2359	9.3	81954.7	-1157.8	2449	9.5	83818.1	-1112.7	2539	9.0	85641.1	-1120.9	2629	9.3	91812.2	-1151.4
2360	9.3	81955.7	-1156.9	2450	9.8	83851.6	-1103.7	2540	9.4	85705.4	-1144.1	2630	9.6	91841.0	-1150.8
2361	8.3	81958.3	-1146.7	2451	9.5	83905.6	-1153.3	2541	9.9	85708.4	-1131.8	2631	9.3	91844.1	-1108.7
2362	9.2	82011.8	-1122.5	2452	8.8	83906.2	-1100.0	2542	9.8	85751.2	-1142.7	2632	9.3	91847.9	-1136.5
2363	9.8	82052.1	-1126.4	2453	9.5	83933.7	-1152.8	2543	8.2	85800.9	-1107.2	2633	9.4	91906.4	-1102.5
2364	9.2	82104.3	-1159.0	2454	9.5	83940.2	-1100.5	2544	9.2	85811.8	-1105.8	2634	9.8	91911.7	-1123.7
2365	9.7	82128.9	-1148.9	2455	9.6	83953.5	-1149.2	2545	9.3	85832.1	-1110.2	2635	6.5	91919.9	-1154.8
2366	9.5	82137.6	-1123.7	2456	10.	84003.6	-1135.8	2546	9.5	85845.9	-1127.3	2636	9.0	91921.2	-1151.8
2367	9.3	82227.3	-1133.0	2457	9.7	84011.2	-1159.5	2547	8.9	85902.8	-1109.7	2637	9.5	91927.3	-1117.0
2368	9.0	82228.5	-1136.5	2458	9.1	84017.2	-1101.2	2548	9.1	85940.2	-1116.0	2638	9.5	91927.9	-1122.9
2369	9.2	82307.3	-1148.8	2459	8.7	84026.3	-1143.0	2549	9.8	85953.9	-1140.2	2639	9.8	91943.1	-1126.5
2370	9.0	82336.2	-1121.6	2460	9.5	84038.6	-1157.3	2550	10.	90013.7	-1155.4	2640	9.8	91955.4	-1152.0
2371	9.2	82345.7	-1140.3	2461	10.	84040.4	-1144.8	2551	9.9	90021.3	-1103.7	2641	9.8	92007.9	-1104.0
2372	7.7	82352.8	-1119.0	2462	9.7	84049.9	-1149.6	2552	9.1	90039.9	-1147.3	2642	9.8	92031.7	-1151.4
2373	9.3	82406.8	-1157.7	2463	9.5	84100.0	-1144.0	2553	9.4	90040.5	-1138.4	2643	8.6	92045.0	-1131.1
2374	9.9	82421.5	-1149.8	2464	9.4	84102.1	-1114.0	2554	7.5	90047.0	-1126.4	2644	9.3	92052.0	-1145.0
2375	9.5	82428.5	-1141.7	2465	9.5	84103.4	-1153.5	2555	9.4	90047.1	-1156.7	2645	9.4	92126.5	-1129.6
2376	9.2	82435.3	-1159.6	2466	9.8	84204.3	-1122.9	2556	9.4	90047.9	-1158.2	2646	9.2	92209.5	-1106.2
2377	9.6	82441.4	-1141.0	2467	9.3	84225.4	-1158.5	2557	8.6	90057.1	-1144.5	2647	9.1	92229.3	-1151.3
2378	9.5	82505.4	-1155.6	2468	8.2	84248.1	-1155.2	2558	9.6	90057.2	-1126.4	2648	8.8	92233.9	-1146.3
2379	9.5	82525.5	-1101.4	2469	9.0	84259.3	-1133.0	2559	8.0	90120.0	-1101.3	2649	9.8	92336.5	-1153.1
2380	9.1	82528.3	-1144.9	2470	9.4	84303.2	-1138.5	2560	8.4	90122.0	-1126.0	2650	9.3	92423.0	-1149.4
2381	9.4	82548.9	-1140.7	2471	9.6	84303.9	-1139.4	2561	9.2	90128.9	-1149.0	2651	9.5	92426.8	-1135.0
2382	9.0	82604.5	-1102.6	2472	10.	84344.3	-1143.6	2562	9.8	90143.3	-1112.4	2652	7.0	92428.5	-1125.9
2383	9.8	82626.2	-1107.4	2473	9.1	84346.9	-1147.8	2563	9.3	90148.6	-1140.0	2653	9.6	92429.3	-1159.6
2384	9.3	82631.5	-1115.4	2474	9.8	84355.2	-1126.2	2564	9.6	90206.0	-1143.0	2654	9.4	92430.5	-1137.5
2385	9.2	82651.1	-1154.2	2475	9.7	84356.1	-1140.9	2565	6.1	90213.8	-1146.4	2655	9.5	92455.4	-1153.0
2386	9.8	82655.7	-1127.9	2476	9.3	84418.8	-1146.4	2566	9.5	90224.6	-1121.5	2656	8.7	92509.7	-1139.4
2387	10.	82656.4	-1131.0	2477	9.3	84420.9	-1158.4	2567	9.3	90302.5	-1154.4	2657	9.8	92515.0	-1144.7
2388	8.5	82701.7	-1143.0	2478	9.8	84423.2	-1143.4	2568	9.5	90309.4	-1147.3	2658	9.0	92557.2	-1159.6
2389	9.5	82712.5	-1115.5	2479	9.1	84441.8	-1141.3	2569	9.6	90311.6	-1150.3	2659	8.5	92557.7	-1156.9
2390	8.2	82722.6	-1151.2	2480	9.0	84445.7	-1122.8	2570	8.5	90321.6	-1101.8	2660	9.5	92559.4	-1131.2

-11 2661 9h26m

-11 3020 10h58m

2661	10.	92610.2	-1149.2	2751	9.1	94557.9	-1131.7	2841	8.5	101005.8	-1124.2	2931	9.5	103432.8	-1128.6
2662	9.5	92702.2	-1115.7	2752	8.5	94609.3	-1155.0	2842	9.8	101015.7	-1114.3	2932	9.9	103518.0	-1109.1
2663	9.4	92707.6	-1144.1	2753	9.5	94627.6	-1130.0	2843	7.8	101036.8	-1121.1	2933	9.8	103623.0	-1130.2
2664	9.0	92707.7	-1102.3	2754	9.2	94627.6	-1124.5	2844	9.3	101054.2	-1156.9	2934	9.8	103635.7	-1159.7
2665	9.3	92714.6	-1109.8	2755	9.0	94649.2	-1157.5	2845	10.	101103.5	-1131.5	2935	9.2	103645.6	-1113.1
2666	9.6	92719.3	-1120.9	2756	9.1	94732.8	-1122.5	2846	9.4	101104.4	-1153.6	2936	9.5	103747.6	-1124.8
2667	9.0	92719.5	-1135.1	2757	9.0	94740.3	-1121.4	2847	9.7	101108.0	-1151.1	2937	9.0	103817.1	-1105.5
2668	8.5	92745.1	-1157.7	2758	7.5	94758.4	-1147.0	2848	9.5	101125.3	-1120.3	2938	9.4	103843.9	-1144.7
2669	9.5	92746.1	-1157.8	2759	9.8	94821.1	-1110.7	2849	8.5	101159.9	-1133.0	2939	9.8	103936.5	-1153.9
2670	6.3	92750.4	-1128.9	2760	9.5	94838.2	-1122.9	2850	9.7	101204.5	-1146.9	2940	9.4	103937.3	-1100.8
2671	9.8	92757.7	-1109.3	2761	9.1	94911.7	-1146.1	2851	6.5	101209.8	-1148.1	2941	8.5	103954.0	-1114.9
2672	9.5	92759.5	-1126.9	2762	9.3	94932.6	-1107.3	2852	10.	101229.9	-1130.5	2942	9.5	104003.6	-1148.7
2673	9.4	92809.8	-1133.9	2763	9.1	94942.5	-1135.0	2853	9.4	101238.3	-1129.0	2943	9.9	104005.1	-1107.2
2674	7.8	92842.7	-1118.1	2764	9.4	94946.4	-1141.0	2854	9.8	101251.5	-1101.3	2944	9.0	104014.9	-1108.2
2675	9.2	92848.9	-1102.0	2765	8.4	94950.2	-1159.6	2855	9.5	101259.4	-1158.7	2945	9.5	104038.4	-1105.6
2676	10.	92852.9	-1144.2	2766	9.4	95021.8	-1141.4	2856	9.6	101302.2	-1104.8	2946	9.3	104039.2	-1115.1
2677	9.5	92909.4	-1149.0	2767	9.1	95029.0	-1152.4	2857	9.0	101304.7	-1128.3	2947	9.7	104044.8	-1147.5
2678	9.5	92949.4	-1105.0	2768	10.	95107.2	-1150.3	2858	8.9	101316.3	-1125.0	2948	8.9	104045.1	-1152.7
2679	10.	92953.1	-1157.1	2769	9.4	95112.8	-1133.8	2859	9.5	101317.0	-1140.7	2949	8.1	104056.5	-1124.0
2680	9.6	93013.0	-1145.3	2770	9.4	95127.5	-1107.5	2860	8.9	101320.5	-1127.8	2950	8.6	104058.8	-1121.9
2681	8.6	93013.4	-1134.2	2771	10.	95214.5	-1101.0	2861	9.8	101329.2	-1149.0	2951	9.8	104113.6	-1150.5
2682	9.5	93053.7	-1122.2	2772	9.8	95216.6	-1134.4	2862	9.8	101337.8	-1139.8	2952	9.6	104126.8	-1100.4
2683	9.5	93057.7	-1147.5	2773	9.5	95308.4	-1127.1	2863	9.2	101356.2	-1155.5	2953	9.8	104145.3	-1120.8
2684	9.5	93101.3	-1130.2	2774	9.5	95331.7	-1100.3	2864	9.7	101421.7	-1100.1	2954	9.0	104149.2	-1114.4
2685	9.3	93106.8	-1151.9	2775	9.0	95333.2	-1127.3	2865	9.7	101443.1	-1144.1	2955	10.	104155.0	-1150.9
2686	8.6	93136.1	-1159.4	2776	9.4	95430.5	-1159.2	2866	9.4	101513.8	-1122.3	2956	10.	104218.1	-1108.0
2687	7.8	93138.6	-1108.5	2777	9.5	95446.2	-1148.2	2867	9.0	101517.2	-1142.2	2957	8.2	104219.2	-1111.6
2688	9.5	93218.0	-1107.6	2778	9.5	95508.4	-1107.8	2868	9.5	101521.9	-1100.2	2958	9.6	104222.2	-1141.1
2689	9.5	93219.8	-1118.8	2779	9.5	95524.6	-1114.3	2869	9.8	101538.0	-1109.5	2959	9.0	104314.9	-1136.8
2690	10.	93219.9	-1101.0	2780	9.6	95531.5	-1104.8	2870	9.3	101617.8	-1108.8	2960	9.6	104319.0	-1148.0
2691	9.8	93224.3	-1135.5	2781	9.0	95534.4	-1136.7	2871	7.6	101628.6	-1145.5	2961	9.3	104323.5	-1106.3
2692	9.4	93227.8	-1146.6	2782	9.5	95609.8	-1102.8	2872	9.5	101629.5	-1126.9	2962	8.7	104324.3	-1110.0
2693	9.3	93228.9	-1148.9	2783	9.4	95610.9	-1144.5	2873	9.8	101648.6	-1113.5	2963	10.	104353.2	-1123.2
2694	9.6	93246.0	-1103.4	2784	9.8	95636.6	-1151.8	2874	9.1	101758.3	-1135.6	2964	9.5	104403.4	-1138.8
2695	9.6	93332.0	-1107.9	2785	9.7	95639.1	-1102.4	2875	9.5	101818.8	-1126.2	2965	9.4	104406.1	-1120.2
2696	9.5	93345.1	-1150.0	2786	9.7	95729.5	-1143.8	2876	9.2	101833.0	-1156.8	2966	9.6	104428.2	-1137.9
2697	9.5	93345.1	-1141.3	2787	7.8	95733.1	-1101.5	2877	9.0	101841.0	-1116.7	2967	9.9	104524.0	-1108.2
2698	8.8	93345.3	-1116.8	2788	8.5	95759.0	-1116.1	2878	9.1	101851.7	-1133.6	2968	9.1	104618.2	-1151.1
2699	9.0	93347.4	-1139.1	2789	8.3	95803.1	-1128.4	2879	9.5	101910.0	-1153.8	2969	9.1	104644.0	-1104.2
2700	9.5	93409.3	-1148.5	2790	9.3	95807.4	-1105.4	2880	8.3	101914.6	-1120.2	2970	6.8	104644.8	-1139.8
2701	9.2	93420.3	-1139.1	2791	9.1	95816.1	-1100.4	2881	8.4	101956.8	-1136.3	2971	9.5	104706.4	-1121.2
2702	7.7	93443.5	-1157.5	2792	9.5	95818.6	-1123.4	2882	10.	102005.2	-1144.0	2972	9.8	104714.8	-1148.7
2703	9.8	93453.1	-1150.3	2793	9.7	95830.7	-1155.5	2883	9.5	102009.1	-1106.4	2973	9.0	104752.7	-1126.2
2704	9.5	93514.2	-1157.2	2794	8.5	95832.8	-1148.7	2884	9.1	102153.0	-1159.6	2974	7.5	104801.1	-1121.1
2705	9.4	93525.0	-1157.0	2795	9.1	95841.5	-1158.8	2885	8.5	102154.2	-1131.9	2975	9.5	104808.0	-1108.2
2706	9.6	93531.1	-1141.0	2796	8.7	95845.0	-1119.0	2886	7.8	102159.3	-1141.6	2976	9.8	104827.2	-1119.3
2707	10.	93633.1	-1152.5	2797	9.4	95848.1	-1147.8	2887	9.3	102206.7	-1134.9	2977	9.9	104901.4	-1152.6
2708	9.8	93636.7	-1132.5	2798	10.	95904.2	-1151.6	2888	9.5	102302.4	-1155.3	2978	9.5	104910.1	-1116.8
2709	9.8	93643.6	-1143.2	2799	9.8	95905.4	-1128.3	2889	8.3	102310.1	-1123.9	2979	9.6	104915.0	-1103.1
2710	9.7	93657.1	-1152.5	2800	9.4	95907.6	-1125.7	2890	9.5	102320.0	-1118.9	2980	9.4	105009.3	-1136.3
2711	9.5	93706.6	-1120.2	2801	9.6	95908.5	-1143.0	2891	9.4	102345.0	-1149.6	2981	8.5	105022.6	-1123.0
2712	8.3	93712.0	-1112.9	2802	9.8	95914.0	-1123.2	2892	9.8	102350.6	-1125.4	2982	9.1	105026.1	-1142.4
2713	8.0	93741.2	-1100.2	2803	8.1	95935.2	-1146.2	2893	8.0	102355.0	-1100.8	2983	8.5	105057.3	-1137.2
2714	9.3	93817.0	-1143.7	2804	9.1	95945.5	-1124.8	2894	9.1	102404.4	-1110.0	2984	9.4	105057.8	-1117.0
2715	8.8	93826.3	-1148.5	2805	9.4	95949.0	-1118.4	2895	9.1	102416.9	-1156.9	2985	9.1	105207.6	-1142.1
2716	9.8	93902.9	-1133.8	2806	9.5	100014.0	-1149.0	2896	9.7	102419.7	-1104.6	2986	9.2	105212.4	-1158.6
2717	8.5	93943.0	-1114.2	2807	9.7	100101.5	-1143.5	2897	9.2	102429.4	-1115.8	2987	9.2	105217.0	-1153.1
2718	7.8	93944.2	-1116.2	2808	9.8	100103.0	-1141.9	2898	8.3	102452.2	-1127.3	2988	9.4	105232.8	-1137.1
2719	9.1	93948.6	-1142.9	2809	9.5	100117.6	-1144.8	2899	10.	102514.8	-1107.2	2989	9.7	105233.3	-1145.9
2720	9.8	93958.2	-1143.2	2810	9.5	100117.9	-1135.7	2900	10.	102515.7	-1101.0	2990	9.5	105254.2	-1101.9
2721	8.5	94035.5	-1123.8	2811	8.2	100130.6	-1148.7	2901	9.7	102517.2	-1118.4	2991	8.3	105301.5	-1122.0
2722	8.3	94046.4	-1154.7	2812	8.8	100144.4	-1154.6	2902	9.1	102519.9	-1156.9	2992	9.5	105302.4	-1154.1
2723	9.5	94050.9	-1114.7	2813	9.5	100149.7	-1136.3	2903	9.5	102541.4	-1147.0	2993	8.0	105303.2	-1100.3
2724	8.7	94058.5	-1153.3	2814	9.3	100214.5	-1123.6	2904	8.7	102601.8	-1102.7	2994	7.7	105327.8	-1151.6
2725	9.0	94115.4	-1119.1	2815	9.6	100227.5	-1125.8	2905	9.4	102605.7	-1105.1	2995	8.0	105336.0	-1118.0
2726	9.8	94153.9	-1108.6	2816	7.5	100231.8	-1110.9	2906	8.5	102612.3	-1143.3	2996	7.5	105337.6	-1146.5
2727	9.4	94202.8	-1100.2	2817	10.	100240.3	-1131.0	2907	9.8	102630.1	-1136.5	2997	9.8	105345.8	-1157.5
2728	9.5	94210.3	-1157.6	2818	6.8	100249.9	-1123.0	2908	9.8	102636.4	-1157.0	2998	9.8	105354.3	-1149.7
2729	9.8	94216.4	-1154.1	2819	9.5	100313.4	-1123.4	2909	9.8	102644.5	-1146.2	2999	8.5	105407.8	-1107.4
2730	9.3	94226.0	-1103.0	2820	3.5	100330.7	-1138.3	2910	9.7	102654.3	-1103.8	3000	9.4	105408.2	-1112.8
2731	6.3	94229.5	-1106.6	2821	9.9	100336.4	-1156.0	2911	8.6	102708.7	-1106.8	3001	8.0	105408.8	-1117.1
2732	8.5	94239.3	-1136.4	2822	9.5	100430.9	-1155.7	2912	9.0	102738.9	-1128.3	3002	8.0	105412.5	-1158.4
2733	9.4	94243.4	-1122.0	2823	9.1	100440.8	-1135.4	2913	9.0	102746.6	-1102.1	3003	9.3	105450.3	-1137.3
2734	9.7	94246.5	-1138.8	2824	9.8	100500.3	-1120.4	2914	9.0	102811.3	-1159.7	3004	8.4	105454.5	-1104.0
2735	9.5	94255.4	-1132.1	2825	8.3	100538.9	-1118.9	2915	9.5	102829.1	-1148.7	3005	9.5	105501.5	-1118.7
2736	8.3	94315.3	-1136.1	2826	9.5	100628.1	-1140.0	2916	7.8	102850.2	-1109.6	3006	8.8	105519.2	-1136.2
2737	10.	94335.6	-1137.0	2827	9.3	100643.4	-1104.7	2917	9.4	102912.0	-1137.9	3007	9.6	105552.7	-1118.5
2738	9.0	94339.1	-1137.7	2828	9.0	100657.4	-1104.2	2918	5.7	102919.4	-1127.4	3008	9.8	105555.4	-1124.9
2739	9.5	94342.5	-1126.5	2829	8.0	100714.3	-1152.4	2919	9.1	102955.4	-1133.3	3009	9.8	105611.7	-1147.1
2740	8.0	94349.7	-1103.4	2830	9.8	100724.8	-1130.4	2920	9.4	103000.6	-1152.4	3010	9.7	105622.9	-1117.1
2741	9.3	94356.1	-1136.6	2831	9.2	100729.3	-1101.2	2921	7.2	103016.5	-1138.7	3011	9.2	105627.5	-1148.6
2742	9.2	94411.0	-1132.9	2832	8.8	100744.9	-1123.2	2922	9.1	103041.4	-1116.2	3012	9.0	105627.7	-1148.3
2743	9.8	94415.4	-1129.0	2833	7.3	100749.3	-1118.1	2923	10.	103042.8	-1147.8	3013	9.6	105653.4	-1128.8
2744	9.3	94417.8	-1116.8	2834	9.0	100758.0	-1156.3	2924	9.8	103046.9	-1151.0	3014	8.9	105653.8	-1104.0
2745	10.	94441.4	-1145.7	2835	7.5	100805.0	-1104.4	2925	6.5	103140.2	-1141.2	3015	9.0	105701.7	-1155.0
2746	9.1	94443.9	-1128.5	2836	9.4	100842.6	-1143.2	2926	9.4	103152.6	-1108.4	3016	10.	105801.5	-1126.4
2747	9.8	94449.6	-1103.5	2837	9.8	100854.4	-1129.5	2927	9.8	103158.2	-1116.2	3017	9.8	105810.7	-1144.3
2748	9.5	94454.4	-1159.2	2838	8.3	100940.6	-1100.4	2928	9.3	103307.8	-1100.4	3018	9.0	105817.3	-1122.9
2749	10.	94513.2	-1116.9	2839	9.6	100950.1	-1107.8	2929	8.5	103345.8	-1126.7	3019	9.8	105820.5	-1136.7
2750	10.	94545.9	-1148.9	2840	9.4	101001.2	-1111.9	2930	9.8	103347.1	-1113.0	3020	9.1	105821.6	-1150.2

-11 3021 10h58m

-11 3380 12h44m

3021	10.	105823.1	-1123.4	3111	9.1	112316.8	-1156.2	3201	9.9	114714.8	-1156.0	3291	6.8	121550.5	-1100.5
3022	8.6	105843.8	-1122.8	3112	9.8	112403.3	-1141.2	3202	8.2	114725.6	-1156.5	3292	9.8	121626.7	-1115.9
3023	10.	105906.0	-1101.6	3113	9.5	112415.1	-1125.6	3203	9.3	114734.8	-1136.1	3293	9.3	121644.1	-1123.5
3024	9.4	105924.0	-1117.3	3114	9.2	112422.2	-1135.0	3204	9.3	114751.2	-1157.8	3294	8.8	121703.6	-1128.6
3025	9.5	105932.6	-1150.9	3115	9.4	112435.7	-1118.9	3205	8.9	114752.3	-1131.2	3295	9.1	121707.9	-1122.7
3026	9.2	105935.3	-1104.0	3116	7.4	112456.5	-1135.4	3206	9.3	114834.1	-1146.0	3296	9.8	121738.0	-1158.6
3027	8.6	105946.9	-1109.7	3117	9.5	112459.5	-1113.3	3207	8.6	114854.8	-1127.7	3297	9.8	121754.1	-1121.7
3028	10.	110004.5	-1103.8	3118	9.6	112501.2	-1135.0	3208	9.6	114914.5	-1138.6	3298	10.	121827.8	-1101.5
3029	9.2	110015.3	-1102.7	3119	9.4	112507.9	-1151.2	3209	9.0	114915.7	-1134.3	3299	8.8	121829.1	-1105.3
3030	8.2	110024.3	-1148.0	3120	9.4	112512.6	-1137.8	3210	9.2	114924.0	-1116.2	3300	9.6	121838.0	-1143.4
3031	9.4	110025.7	-1152.4	3121	8.8	112529.0	-1146.0	3211	7.2	114932.4	-1118.0	3301	9.3	121841.6	-1130.8
3032	10.	110045.8	-1119.5	3122	9.5	112530.5	-1132.6	3212	9.8	115024.2	-1131.9	3302	9.8	121850.7	-1122.0
3033	10.	110057.4	-1115.2	3123	8.2	112531.5	-1113.7	3213	9.8	115050.6	-1112.4	3303	9.3	121856.4	-1150.8
3034	9.7	110058.9	-1152.6	3124	9.7	112641.7	-1101.6	3214	9.2	115102.9	-1119.1	3304	9.8	121914.0	-1126.9
3035	9.0	110108.6	-1139.9	3125	10.	112655.4	-1137.1	3215	9.1	115119.0	-1114.2	3305	9.4	121931.7	-1120.0
3036	9.6	110115.6	-1101.3	3126	9.5	112715.5	-1123.3	3216	9.8	115141.6	-1149.9	3306	9.8	122013.7	-1103.7
3037	8.7	110116.2	-1112.9	3127	9.7	112716.8	-1116.4	3217	9.8	115214.3	-1129.5	3307	8.9	122041.6	-1145.8
3038	10.	110157.0	-1132.2	3128	8.9	112723.6	-1111.9	3218	9.3	115219.7	-1157.7	3308	8.4	122108.2	-1114.0
3039	9.6	110203.5	-1136.0	3129	7.3	112736.1	-1117.2	3219	9.8	115308.0	-1105.4	3309	9.5	122115.5	-1147.5
3040	9.4	110209.1	-1116.4	3130	9.7	112757.1	-1143.2	3220	8.0	115323.3	-1121.0	3310	9.3	122134.4	-1152.2
3041	9.8	110234.7	-1109.7	3131	9.9	112802.0	-1158.1	3221	9.4	115323.6	-1155.5	3311	8.3	122229.0	-1115.7
3042	9.6	110239.1	-1141.9	3132	7.5	112815.4	-1136.0	3222	9.8	115404.3	-1121.0	3312	9.6	122238.2	-1139.7
3043	9.6	110254.0	-1131.7	3133	9.6	112855.3	-1132.7	3223	9.2	115430.4	-1104.7	3313	9.4	122333.5	-1139.0
3044	9.5	110301.2	-1146.0	3134	9.4	112915.1	-1103.4	3224	8.8	115454.2	-1126.6	3314	8.2	122353.8	-1140.9
3045	9.8	110310.5	-1132.1	3135	9.0	112920.8	-1134.1	3225	8.0	115501.4	-1107.1	3315	9.3	122417.8	-1144.8
3046	9.0	110450.4	-1137.2	3136	9.0	112928.3	-1132.7	3226	8.3	115504.9	-1109.9	3316	9.8	122420.7	-1140.1
3047	9.5	110520.8	-1102.2	3137	9.5	112953.5	-1155.7	3227	9.3	115520.6	-1139.2	3317	8.1	122422.3	-1152.5
3048	9.6	110529.4	-1117.5	3138	7.5	112959.3	-1132.2	3228	8.6	115531.1	-1100.1	3318	9.4	122441.3	-1133.5
3049	9.8	110535.2	-1112.9	3139	9.4	113002.5	-1113.7	3229	10.	115550.2	-1123.3	3319	9.5	122507.6	-1123.7
3050	9.5	110537.3	-1108.9	3140	9.6	113005.7	-1115.9	3230	9.9	115557.9	-1109.0	3320	8.8	122513.5	-1158.9
3051	7.2	110540.7	-1159.7	3141	9.8	113039.2	-1110.8	3231	9.9	115625.3	-1112.1	3321	9.1	122522.3	-1118.0
3052	10.	110547.6	-1145.9	3142	9.2	113059.4	-1126.2	3232	9.1	115654.0	-1148.3	3322	9.0	122535.8	-1113.1
3053	9.5	110555.0	-1131.4	3143	9.5	113123.6	-1149.0	3233	9.8	115712.7	-1118.0	3323	9.8	122541.4	-1145.7
3054	10.	110624.8	-1144.9	3144	9.0	113134.0	-1120.1	3234	9.8	115743.5	-1127.5	3324	8.9	122549.4	-1150.6
3055	9.8	110651.1	-1148.3	3145	9.2	113208.9	-1122.4	3235	9.1	115744.0	-1116.4	3325	8.7	122602.0	-1151.8
3056	9.6	110702.2	-1110.8	3146	9.8	113222.7	-1131.3	3236	9.5	115836.4	-1131.5	3326	9.4	122658.4	-1102.4
3057	10.	110736.1	-1158.9	3147	9.0	113232.8	-1121.9	3237	9.8	115904.9	-1101.2	3327	9.3	122740.5	-1128.4
3058	9.4	110742.9	-1132.3	3148	9.8	113238.3	-1127.5	3238	6.3	115922.6	-1126.0	3328	6.3	122802.5	-1113.0
3059	10.	110745.1	-1148.9	3149	9.8	113300.5	-1107.0	3239	9.3	115926.5	-1142.0	3329	9.8	122813.7	-1125.5
3060	8.7	110747.0	-1130.2	3150	9.1	113305.5	-1149.6	3240	9.4	115956.5	-1137.1	3330	8.7	122814.3	-1113.5
3061	9.3	110757.1	-1109.5	3151	9.9	113305.6	-1117.0	3241	9.8	115958.9	-1159.2	3331	8.8	122814.6	-1113.1
3062	8.3	110817.3	-1128.7	3152	9.7	113309.6	-1142.9	3242	9.4	120028.0	-1152.6	3332	9.3	122819.3	-1110.7
3063	6.5	110822.8	-1147.0	3153	9.5	113319.7	-1128.9	3243	9.6	120042.2	-1120.1	3333	6.5	122822.5	-1116.1
3064	9.7	110830.4	-1127.8	3154	9.1	113322.8	-1126.2	3244	9.6	120045.9	-1120.1	3334	8.7	122831.5	-1127.7
3065	10.	110839.1	-1155.1	3155	9.1	113335.7	-1123.8	3245	9.9	120128.0	-1148.8	3335	8.5	122854.0	-1144.8
3066	9.1	110850.0	-1145.7	3156	9.6	113450.1	-1158.3	3246	7.0	120200.0	-1102.3	3336	9.1	122916.8	-1155.0
3067	9.6	110914.0	-1123.9	3157	9.0	113508.7	-1122.7	3247	8.8	120200.5	-1125.7	3337	8.3	122919.1	-1134.8
3068	8.5	110929.7	-1152.7	3158	9.4	113512.8	-1125.6	3248	9.0	120202.6	-1102.3	3338	8.0	123046.4	-1135.1
3069	9.8	111015.3	-1128.5	3159	9.2	113529.8	-1146.1	3249	9.8	120214.4	-1156.6	3339	9.8	123109.9	-1108.6
3070	9.6	111020.0	-1110.2	3160	9.8	113531.9	-1100.0	3250	9.1	120251.8	-1141.6	3340	9.8	123150.5	-1157.0
3071	9.5	111047.0	-1118.6	3161	9.8	113541.7	-1128.5	3251	7.9	120348.3	-1117.1	3341	8.9	123240.7	-1151.6
3072	8.8	111123.5	-1139.6	3162	9.8	113544.2	-1104.4	3252	9.7	120353.1	-1111.8	3342	9.0	123241.6	-1102.6
3073	9.7	111159.5	-1137.9	3163	9.0	113552.6	-1158.7	3253	9.5	120413.2	-1104.6	3343	9.0	123249.0	-1138.0
3074	9.3	111206.6	-1121.7	3164	9.1	113607.5	-1145.5	3254	8.8	120431.8	-1101.4	3344	9.7	123252.2	-1101.2
3075	9.9	111212.9	-1159.8	3165	9.6	113621.0	-1124.1	3255	10.	120437.1	-1104.6	3345	9.5	123300.3	-1129.1
3076	9.9	111235.2	-1135.8	3166	9.1	113623.0	-1123.6	3256	7.8	120529.7	-1158.6	3346	9.3	123304.6	-1152.5
3077	9.4	111259.3	-1129.4	3167	9.7	113628.6	-1137.0	3257	9.0	120553.8	-1141.3	3347	9.4	123402.4	-1131.0
3078	8.5	111315.1	-1152.9	3168	9.4	113635.3	-1117.2	3258	10.	120555.1	-1136.4	3348	9.5	123451.5	-1154.9
3079	8.7	111336.8	-1122.7	3169	9.8	113702.9	-1113.3	3259	9.9	120614.6	-1115.0	3349	9.5	123503.1	-1156.5
3080	9.8	111356.7	-1132.9	3170	9.9	113705.1	-1155.6	3260	9.6	120642.8	-1153.5	3350	9.2	123538.0	-1113.2
3081	7.7	111414.5	-1154.3	3171	9.3	113715.5	-1101.7	3261	9.6	120648.8	-1133.8	3351	8.5	123604.6	-1147.5
3082	9.9	111500.4	-1118.1	3172	9.5	113744.2	-1103.2	3262	8.5	120716.6	-1149.9	3352	9.5	123611.9	-1117.0
3083	8.9	111513.5	-1151.4	3173	9.4	113758.4	-1149.6	3263	9.0	120727.8	-1149.0	3353	6.5	123614.8	-1113.3
3084	9.3	111538.4	-1159.3	3174	9.8	113826.1	-1129.9	3264	9.1	120802.7	-1157.3	3354	8.9	123620.1	-1115.3
3085	7.9	111605.2	-1118.3	3175	9.4	113832.0	-1157.2	3265	8.8	120808.6	-1139.3	3355	9.3	123620.5	-1119.0
3086	9.8	111611.6	-1103.1	3176	8.0	113852.8	-1113.1	3266	9.8	120813.8	-1124.6	3356	9.5	123637.0	-1133.1
3087	9.4	111640.0	-1113.8	3177	9.7	113940.4	-1143.9	3267	10.	120821.9	-1117.9	3357	9.2	123637.2	-1108.8
3088	9.8	111703.2	-1135.8	3178	8.8	113943.6	-1101.1	3268	8.5	120846.0	-1113.2	3358	9.3	123651.1	-1151.5
3089	9.8	111734.0	-1146.2	3179	9.8	113945.8	-1115.7	3269	9.0	120911.2	-1132.6	3359	8.3	123814.3	-1125.6
3090	8.3	111744.5	-1145.3	3180	8.9	113947.5	-1138.0	3270	9.6	120927.7	-1100.6	3360	9.5	123831.7	-1104.3
3091	8.4	111759.4	-1110.1	3181	9.8	114016.5	-1135.4	3271	9.5	120934.2	-1139.0	3361	7.0	123900.5	-1101.2
3092	8.2	111806.7	-1122.4	3182	9.8	114042.7	-1119.3	3272	8.7	120952.3	-1128.2	3362	9.8	123915.2	-1116.9
3093	9.8	111823.3	-1157.9	3183	8.7	114108.6	-1139.1	3273	9.6	120957.9	-1116.6	3363	9.6	123918.2	-1119.1
3094	9.1	111827.5	-1144.5	3184	8.2	114142.7	-1148.6	3274	9.4	121007.7	-1137.6	3364	9.6	123919.4	-1157.1
3095	9.8	111855.1	-1145.0	3185	9.8	114206.0	-1156.9	3275	9.4	121014.8	-1128.0	3365	7.8	123944.2	-1129.2
3096	9.4	111857.2	-1152.1	3186	8.8	114313.9	-1153.9	3276	9.0	121035.2	-1152.1	3366	7.5	124010.7	-1146.9
3097	9.1	111943.8	-1117.2	3187	9.8	114316.6	-1147.8	3277	9.8	121150.6	-1135.3	3367	9.9	124026.6	-1141.5
3098	6.0	111951.6	-1133.4	3188	9.6	114334.0	-1108.7	3278	9.0	121201.6	-1133.4	3368	9.9	124033.5	-1156.6
3099	9.0	112003.2	-1140.3	3189	9.8	114358.0	-1142.6	3279	9.3	121218.4	-1145.5	3369	8.3	124053.2	-1144.5
3100	7.7	112012.5	-1138.3	3190	6.3	114400.0	-1123.1	3280	10.	121239.7	-1126.6	3370	9.3	124114.8	-1148.8
3101	9.7	112014.0	-1133.5	3191	9.8	114406.9	-1129.4	3281	9.0	121244.3	-1112.3	3371	9.1	124127.1	-1102.6
3102	9.3	112040.4	-1147.8	3192	9.5	114443.3	-1138.7	3282	9.5	121303.1	-1132.0	3372	9.4	124129.2	-1114.4
3103	9.8	112044.1	-1128.3	3193	9.5	114517.6	-1152.3	3283	9.2	121310.3	-1115.5	3373	8.9	124134.7	-1122.3
3104	9.5	112107.8	-1158.7	3194	9.8	114518.5	-1147.9	3284	9.8	121311.6	-1132.9	3374	8.9	124149.1	-1108.9
3105	8.7	112121.7	-1130.6	3195	9.3	114555.4	-1120.0	3285	9.4	121314.8	-1118.8	3375	8.7	124239.0	-1147.8
3106	9.5	112128.8	-1158.7	3196	9.2	114553.7	-1139.6	3286	8.5	121354.5	-1158.8	3376	9.5	124239.8	-1104.4
3107	9.5	112136.2	-1116.4	3197	9.4	114556.5	-1148.4	3287	9.8	121401.5	-1141.3	3377	9.4	124328.1	-1133.3
3108	9.4	112145.7	-1119.8	3198	9.3	114605.1	-1116.4	3288	9.8	121410.7	-1150.3	3378	8.3	124346.9	-1103.2
3109	9.8	112257.0	-1131.6	3199	9.5	114606.9	-1123.6	3289	9.6	121534.5	-1138.5	3379	9.0	124420.0	-1113.1
3110	9.1	112304.7	-1115.8	3200	8.4	114621.4	-1145.1	3290	9.5	121544.0	-1138.1	3380	9.1	124452.2	-1138.9

3381	9.6	124453.9	-1148.0	3471	9.4	130853.6	-1144.7	3561	9.5	133128.0	-1125.0	3651	8.3	135435.0	-1120.0
3382	9.9	124501.8	-1149.7	3472	9.2	130905.2	-1140.3	3562	7.3	133135.8	-1120.8	3652	9.3	135441.5	-1100.6
3383	9.5	124505.0	-1109.4	3473	8.7	130913.3	-1100.1	3563	9.5	133220.3	-1146.3	3653	9.5	135501.6	-1135.7
3384	8.5	124537.5	-1108.3	3474	9.8	130918.6	-1153.3	3564	8.9	133234.5	-1158.1	3654	9.8	135505.7	-1156.6
3385	9.6	124537.6	-1154.5	3475	9.5	130933.4	-1134.7	3565	9.7	133248.1	-1133.6	3655	9.1	135524.1	-1155.1
3386	9.4	124645.3	-1154.6	3476	8.0	130934.4	-1145.5	3566	9.5	133252.4	-1136.0	3656	9.9	135528.0	-1125.2
3387	9.4	124703.3	-1106.2	3477	10.	130937.4	-1121.7	3567	9.1	133329.8	-1143.4	3657	8.9	135530.6	-1105.7
3388	9.6	124708.8	-1157.9	3478	9.5	130951.5	-1128.8	3568	9.3	133343.2	-1141.3	3658	9.9	135611.6	-1145.3
3389	9.5	124724.3	-1154.5	3479	9.8	131002.9	-1102.5	3569	9.7	133436.5	-1104.0	3659	7.5	135627.8	-1125.8
3390	9.1	124808.2	-1115.6	3480	10.	131003.8	-1121.8	3570	9.8	133446.7	-1147.9	3660	9.5	135628.1	-1156.0
3391	9.4	124817.5	-1116.1	3481	9.7	131019.7	-1105.1	3571	9.8	133451.3	-1135.1	3661	9.5	135703.0	-1148.4
3392	9.8	124821.9	-1109.6	3482	8.9	131031.3	-1120.4	3572	7.0	133453.7	-1120.9	3662	9.0	135728.1	-1156.4
3393	9.6	124833.5	-1108.3	3483	9.9	131042.8	-1143.6	3573	9.8	133506.3	-1135.2	3663	9.5	135819.4	-1119.5
3394	9.3	124834.0	-1112.0	3484	9.8	131107.1	-1137.2	3574	9.0	133516.5	-1145.1	3664	8.3	135827.5	-1108.5
3395	7.3	124908.8	-1109.3	3485	9.8	131108.4	-1127.2	3575	9.4	133517.3	-1122.4	3665	9.8	135836.5	-1133.9
3396	10.	124917.3	-1154.1	3486	7.5	131112.3	-1114.4	3576	9.4	133519.0	-1117.3	3666	9.4	135853.2	-1110.8
3397	9.8	124917.5	-1158.8	3487	7.3	131120.6	-1152.9	3577	9.7	133541.6	-1155.7	3667	9.5	135951.9	-1106.3
3398	6.7	124938.7	-1116.6	3488	9.1	131125.7	-1112.8	3578	9.4	133541.6	-1152.1	3668	8.6	140001.0	-1128.0
3399	9.1	125008.1	-1106.1	3489	8.9	131131.7	-1140.4	3579	8.5	133603.7	-1110.4	3669	9.5	140002.9	-1121.8
3400	10.	125026.1	-1159.0	3490	8.0	131158.1	-1143.1	3580	9.4	133639.7	-1108.6	3670	8.2	140038.0	-1152.2
3401	9.3	125047.5	-1154.7	3491	10.	131220.3	-1159.3	3581	9.5	133711.8	-1126.9	3671	6.5	140043.4	-1107.8
3402	9.0	125051.9	-1147.4	3492	9.0	131221.7	-1142.3	3582	9.5	133715.5	-1141.6	3672	9.4	140044.0	-1144.8
3403	7.9	125056.3	-1143.4	3493	9.2	131246.3	-1136.2	3583	9.3	133721.8	-1156.4	3673	9.4	140057.0	-1121.5
3404	10.	125109.4	-1132.9	3494	9.9	131329.5	-1141.9	3584	8.8	133728.1	-1106.1	3674	9.5	140057.7	-1141.0
3405	9.7	125125.6	-1146.7	3495	9.6	131343.0	-1146.1	3585	9.5	133735.8	-1129.1	3675	9.7	140117.9	-1113.9
3406	9.5	125141.0	-1137.2	3496	9.5	131346.7	-1114.5	3586	9.7	133742.0	-1143.4	3676	9.2	140137.0	-1142.2
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3408	9.2	125206.5	-1137.5	3498	6.7	131429.0	-1149.0	3588	9.4	133756.5	-1106.9	3678	9.0	140209.6	-1128.2
3409	9.8	125239.2	-1117.2	3499	9.4	131449.4	-1142.5	3589	9.5	133800.8	-1126.5	3679	9.8	140223.9	-1158.3
3410	9.5	125248.6	-1149.0	3500	9.2	131544.0	-1140.2	3590	9.5	133801.4	-1136.3	3680	7.3	140321.4	-1115.6
3411	9.4	125314.8	-1125.8	3501	9.7	131546.0	-1144.0	3591	5.6	133813.0	-1141.7	3681	8.8	140322.2	-1145.5
3412	9.3	125319.2	-1116.4	3502	9.3	131558.2	-1108.2	3592	9.6	133821.7	-1101.5	3682	9.5	140346.8	-1122.6
3413	8.0	125340.3	-1150.2	3503	9.5	131601.4	-1123.1	3593	9.7	133824.3	-1101.8	3683	9.0	140348.8	-1112.4
3414	8.8	125403.2	-1135.0	3504	9.8	131722.3	-1157.3	3594	9.7	133833.3	-1152.4	3684	7.8	140359.9	-1155.4
3415	9.4	125423.9	-1148.2	3505	9.5	131749.4	-1139.2	3595	9.7	133842.8	-1124.6	3685	9.3	140412.8	-1150.2
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3417	9.8	125438.6	-1108.2	3507	8.7	131759.9	-1143.7	3597	9.4	133939.7	-1123.6	3687	9.2	140448.8	-1116.8
3418	7.3	125439.1	-1119.3	3508	9.4	131807.8	-1157.1	3598	9.7	134037.7	-1122.0	3688	9.6	140500.9	-1146.7
3419	9.4	125451.2	-1117.8	3509	9.3	131810.3	-1156.0	3599	9.9	134040.0	-1145.6	3689	9.1	140519.8	-1149.8
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3421	9.1	125528.5	-1122.5	3511	9.7	131825.4	-1138.7	3601	10.	134052.9	-1136.3	3691	9.0	140534.9	-1128.0
3422	9.3	125528.8	-1154.3	3512	9.5	131830.5	-1104.2	3602	9.5	134119.9	-1136.7	3692	9.4	140541.8	-1133.6
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3424	9.2	125603.1	-1100.4	3514	9.8	131843.3	-1149.3	3604	7.7	134201.3	-1149.8	3694	9.4	140623.2	-1106.5
3425	9.1	125607.1	-1147.9	3515	9.2	131900.5	-1117.3	3605	9.3	134222.6	-1157.8	3695	9.5	140653.3	-1157.4
3426	9.5	125613.3	-1107.4	3516	5.2	131904.2	-1157.1	3606	9.1	134222.9	-1117.4	3696	7.8	140736.5	-1133.7
3427	9.6	125614.0	-1135.8	3517	9.5	131956.5	-1134.3	3607	9.7	134310.7	-1131.4	3697	8.2	140806.5	-1130.6
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3430	9.8	125650.7	-1133.0	3520	9.3	132029.	-1107.6	3610	8.8	134336.3	-1103.5	3700	9.3	140854.2	-1106.1
3431	9.7	125702.8	-1126.9	3521	9.5	132041.2	-1127.2	3611	8.5	134350.2	-1140.0	3701	9.7	140858.0	-1115.2
3432	9.7	125705.1	-1126.9	3522	9.5	132045.1	-1156.8	3612	9.3	134357.0	-1108.5	3702	9.7	140910.6	-1112.5
3433	10.	125742.9	-1138.1	3523	8.9	132045.9	-1152.6	3613	10.	134411.0	-1158.2	3703	9.0	140920.5	-1108.1
3434	9.5	125751.6	-1109.5	3524	9.7	132102.1	-1140.4	3614	9.3	134443.1	-1155.0	3704	9.6	140956.2	-1143.0
3435	9.2	125753.8	-1134.9	3525	8.9	132102.8	-1137.8	3615	9.5	134458.2	-1128.9	3705	9.6	141011.2	-1159.7
3436	8.9	125753.9	-1105.7	3526	9.4	132129.6	-1138.4	3616	9.1	134458.7	-1154.3	3706	9.5	141021.7	-1128.2
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3438	9.8	125808.9	-1149.6	3528	10.	132331.9	-1134.4	3618	9.5	134507.5	-1108.0	3708	8.8	141058.0	-1107.9
3439	9.8	125918.9	-1155.7	3529	9.8	132349.9	-1153.6	3619	9.3	134516.6	-1159.5	3709	9.0	141059.4	-1155.1
3440	9.7	125926.2	-1123.4	3530	9.5	132358.2	-1128.6	3620	9.5	134527.5	-1114.1	3710	8.7	141059.8	-1142.8
3441	9.7	125929.0	-1113.4	3531	9.5	132413.2	-1153.3	3621	9.4	134531.6	-1104.9	3711	7.8	141101.4	-1123.3
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3443	9.3	130027.0	-1113.0	3533	9.4	132426.8	-1136.2	3623	8.4	134600.1	-1135.6	3713	9.8	141138.8	-1148.3
3444	9.6	130032.8	-1149.3	3534	9.5	132435.0	-1136.2	3624	9.5	134632.7	-1133.7	3714	9.3	141159.9	-1124.0
3445	9.5	130051.6	-1149.0	3535	7.8	132443.2	-1154.9	3625	9.4	134718.6	-1142.7	3715	9.8	141229.0	-1125.1
3446	9.3	130056.8	-1144.1	3536	9.5	132445.0	-1116.1	3626	8.2	134726.8	-1144.1	3716	8.3	141257.6	-1141.9
3447	9.1	130125.2	-1109.6	3537	9.0	132447.2	-1154.9	3627	9.8	134745.6	-1159.0	3717	9.5	141302.7	-1154.0
3448	9.0	130125.5	-1147.3	3538	9.4	132453.1	-1141.6	3628	7.8	134747.6	-1130.4	3718	9.9	141305.3	-1103.0
3449	9.5	130202.5	-1109.2	3539	10.	132454.9	-1151.8	3629	10.	134758.2	-1150.3	3719	10.	141309.5	-1102.7
3450	9.7	130231.8	-1136.0	3540	9.4	132457.0	-1115.4	3630	9.2	134801.6	-1112.4	3720	9.4	141318.7	-1156.7
3451	9.5	130241.6	-1119.4	3541	9.5	132500.2	-1111.8	3631	9.5	134813.7	-1114.7	3721	9.1	141323.3	-1110.2
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3454	9.0	130355.8	-1152.0	3544	9.7	132642.5	-1121.0	3634	9.8	134841.8	-1123.4	3724	8.9	141420.6	-1152.7
3455	9.7	130403.3	-1104.1	3545	8.3	132646.6	-1155.5	3635	9.8	134843.6	-1121.2	3725	8.7	141425.0	-1108.5
3456	9.2	130421.5	-1134.0	3546	9.2	132653.9	-1124.8	3636	9.8	134850.7	-1134.6	3726	8.1	141457.0	-1123.4
3457	8.5	130424.5	-1137.3	3547	9.5	132722.9	-1113.4	3637	9.8	134852.0	-1117.1	3727	9.9	141457.7	-1120.5
3458	9.5	130456.5	-1137.5	3548	9.8	132744.6	-1153.8	3638	10.	134859.2	-1152.1	3728	9.5	141536.3	-1152.8
3459	9.8	130523.1	-1103.2	3549	9.1	132808.7	-1149.7	3639	9.1	134925.0	-1158.7	3729	6.3	141537.6	-1102.8
3460	10.	130529.6	-1130.6	3550	9.9	132818.3	-1112.2	3640	9.0	134925.4	-1150.0	3730	9.4	141539.6	-1148.1
3461	9.4	130539.0	-1138.7	3551	9.0	132841.0	-1125.9	3641	8.8	135033.3	-1154.9	3731	9.4	141547.6	-1144.2
3462	9.3	130552.5	-1127.2	3552	9.4	132841.3	-1100.0	3642	6.7	135041.2	-1120.4	3732	9.6	141620.3	-1152.5
3463	9.3	130556.1	-1149.1	3553	10.	132844.8	-1155.5	3643	9.8	135057.8	-1130.1	3733	9.4	141631.4	-1111.5
3464	9.8	130604.7	-1143.0	3554	9.5	132914.6	-1150.9	3644	9.9	135111.9	-1133.0	3734	9.5	141639.1	-1128.9
3465	9.7	130612.9	-1130.2	3555	9.3	132938.0	-1131.7	3645	9.9	135112.3	-1130.1	3735	8.5	141640.1	-1145.6
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3467	9.5	130637.5	-1148.4	3557	9.8	133025.5	-1145.6	3647	9.6	135151.4	-1157.9	3737	9.7	141704.4	-1132.4
3468	9.5	130739.4	-1113.6	3558	9.2	133052.1	-1137.1	3648	9.8	135213.6	-1118.9	3738	9.4	141721.8	-1138.9
3469	7.0	130814.9	-1134.7	3559	9.1	133118.3	-1111.0	3649	8.3	135218.1	-1104.4	3739	9.4	141745.5	-1136.5
3470	7.5	130834.6	-1151.2	3560	9.7	133122.8	-1117.9	3650	8.5	135326.6	-1113.5	3740	9.2	141817.3	-1123.0

3741	10.	141844.5	-1146.5	3831	9.4	144744.7	-1147.2	3921	9.0	151129.0	-1105.8	4011	10.	153954.2	-1102.3
3742	9.8	141905.1	-1130.3	3832	9.7	144758.2	-1137.4	3922	9.5	151131.9	-1144.7	4012	9.5	154035.7	-1130.1
3743	9.8	141946.8	-1114.6	3833	9.1	144758.9	-1144.3	3923	9.0	151145.3	-1127.8	4013	9.7	154129.7	-1141.4
3744	9.4	142014.3	-1115.0	3834	8.5	144801.2	-1129.3	3924	9.3	151201.9	-1140.1	4014	8.2	154215.6	-1107.6
3745	9.3	142044.3	-1145.0	3835	9.5	144811.9	-1151.6	3925	9.7	151214.7	-1138.8	4015	9.8	154223.2	-1100.7
3746	9.6	142136.2	-1105.6	3836	10.	144830.9	-1150.1	3926	8.9	151225.9	-1139.7	4016	9.5	154241.0	-1122.5
3747	9.8	142150.9	-1159.4	3837	9.8	144831.8	-1140.1	3927	9.2	151227.4	-1114.0	4017	9.0	154256.2	-1135.1
3748	10.	142154.3	-1119.2	3838	10.	144850.7	-1144.1	3928	9.5	151229.8	-1158.5	4018	9.4	154318.4	-1158.8
3749	9.8	142227.7	-1121.6	3839	9.6	144903.2	-1131.2	3929	9.8	151234.2	-1131.7	4019	9.7	154415.4	-1138.0
3750	9.9	142233.2	-1115.2	3840	9.8	144920.2	-1137.3	3930	9.8	151258.1	-1100.1	4020	8.9	154415.7	-1135.9
3751	10.	142304.0	-1127.7	3841	7.0	144951.6	-1151.3	3931	8.3	151334.7	-1133.7	4021	9.7	154418.8	-1143.2
3752	10.	142309.2	-1101.0	3842	9.8	144955.3	-1110.0	3932	8.2	151343.5	-1102.3	4022	9.8	154424.4	-1154.0
3753	8.3	142329.2	-1113.6	3843	9.5	145015.8	-1155.5	3933	9.6	151410.6	-1151.4	4023	10.	154432.9	-1145.5
3754	9.5	142432.2	-1117.6	3844	9.1	145037.9	-1153.1	3934	9.8	151427.5	-1141.6	4024	9.5	154457.0	-1143.5
3755	9.5	142438.3	-1108.5	3845	9.9	145042.4	-1157.1	3935	9.8	151506.6	-1132.3	4025	8.8	154502.7	-1123.7
3756	9.5	142446.7	-1139.0	3846	10.	145107.7	-1157.1	3936	9.7	151517.4	-1105.3	4026	9.0	154506.8	-1158.0
3757	9.4	142448.2	-1112.3	3847	10.	145120.0	-1133.7	3937	9.0	151536.8	-1146.7	4027	9.5	154550.6	-1112.1
3758	9.9	142551.3	-1143.2	3848	10.	145121.9	-1136.7	3938	9.5	151539.4	-1118.0	4028	9.0	154557.3	-1141.0
3759	10.	142629.4	-1154.0	3849	9.5	145130.7	-1118.6	3939	9.7	151555.1	-1116.0	4029	9.5	154607.1	-1131.3
3760	9.8	142706.1	-1146.7	3850	9.4	145133.1	-1121.6	3940	6.0	151555.4	-1150.8	4030	9.5	154631.2	-1136.3
3761	9.1	142713.1	-1135.9	3851	9.2	145216.2	-1116.0	3941	9.8	151559.5	-1121.2	4031	9.3	154637.9	-1104.4
3762	9.4	142714.6	-1124.2	3852	9.8	145227.1	-1133.0	3942	9.0	151709.5	-1108.0	4032	9.4	154638.6	-1150.5
3763	9.1	142734.1	-1106.8	3853	9.4	145238.3	-1152.2	3943	9.8	151740.4	-1149.9	4033	9.5	154659.1	-1133.4
3764	9.5	142748.8	-1157.4	3854	8.0	145238.7	-1117.8	3944	8.2	151810.1	-1111.3	4034	9.6	154731.0	-1152.7
3765	9.1	142811.6	-1137.7	3855	9.7	145244.0	-1142.3	3945	9.5	151821.5	-1148.4	4035	10.	154734.3	-1151.8
3766	8.5	142845.7	-1151.2	3856	9.8	145306.1	-1133.5	3946	9.2	151828.4	-1139.9	4036	9.6	154833.1	-1135.7
3767	8.5	142853.2	-1100.5	3857	9.0	145346.8	-1152.0	3947	9.0	151848.3	-1149.3	4037	9.4	154904.0	-1103.1
3768	9.5	142858.6	-1104.2	3858	8.6	145349.9	-1144.6	3948	9.0	151859.0	-1128.1	4038	9.7	154954.5	-1143.3
3769	9.0	142906.8	-1157.4	3859	9.6	145408.1	-1140.7	3949	8.9	151937.9	-1147.3	4039	9.8	155012.4	-1151.1
3770	6.0	142916.3	-1141.2	3860	9.0	145412.2	-1109.6	3950	9.3	151949.7	-1118.4	4040	9.3	155028.9	-1111.5
3771	9.8	142921.1	-1154.6	3861	10.	145413.8	-1135.7	3951	9.7	152005.0	-1142.5	4041	10.	155112.3	-1151.6
3772	9.9	142928.2	-1110.4	3862	9.0	145426.2	-1110.3	3952	8.4	152128.6	-1113.7	4042	9.8	155113.4	-1156.7
3773	9.2	142938.6	-1125.1	3863	9.6	145435.0	-1143.4	3953	9.5	152140.1	-1128.2	4043	9.8	155121.5	-1157.7
3774	9.5	143028.2	-1148.7	3864	9.5	145435.5	-1104.8	3954	9.6	152211.7	-1143.4	4044	7.7	155257.2	-1155.5
3775	9.3	143042.0	-1105.8	3865	9.7	145440.4	-1150.5	3955	8.9	152221.3	-1140.9	4045	9.5	155310.5	-1111.7
3776	9.4	143046.3	-1103.5	3866	9.5	145502.5	-1103.9	3956	10.	152238.6	-1154.0	4046	9.8	155317.6	-1123.3
3777	10.	143106.2	-1127.6	3867	9.2	145603.6	-1118.0	3957	9.1	152239.4	-1147.1	4047	9.0	155318.8	-1144.3
3778	9.9	143118.1	-1112.6	3868	10.	145618.7	-1159.1	3958	9.6	152251.3	-1140.2	4048	9.0	155339.3	-1131.7
3779	9.2	143153.3	-1129.4	3869	9.2	145625.8	-1128.5	3959	9.2	152307.4	-1121.7	4049	8.4	155401.5	-1110.0
3780	8.9	143154.3	-1144.6	3870	9.3	145634.0	-1132.0	3960	9.2	152333.0	-1126.7	4050	10.	155413.2	-1147.1
3781	9.5	143156.1	-1136.5	3871	9.4	145640.4	-1156.2	3961	9.5	152338.5	-1131.1	4051	9.0	155423.1	-1121.0
3782	9.3	143156.1	-1130.0	3872	9.4	145641.7	-1157.2	3962	9.5	152417.6	-1104.7	4052	9.2	155425.6	-1113.6
3783	9.0	143207.8	-1157.2	3873	8.3	145646.8	-1106.1	3963	9.3	152438.6	-1152.6	4053	10.	155504.7	-1152.9
3784	10.	143222.5	-1113.6	3874	8.6	145701.8	-1149.7	3964	9.0	152531.2	-1113.7	4054	9.8	155547.3	-1142.1
3785	9.1	143301.6	-1111.6	3875	9.8	145714.9	-1148.6	3965	10.	152536.7	-1154.5	4055	9.3	155559.6	-1119.0
3786	9.6	143316.6	-1132.6	3876	9.4	145736.2	-1157.8	3966	9.5	152552.6	-1152.8	4056	7.3	155625.7	-1127.3
3787	9.5	143316.9	-1141.5	3877	9.8	145810.1	-1107.3	3967	9.2	152624.3	-1141.7	4057	7.6	155627.4	-1102.9
3788	9.1	143402.5	-1139.5	3878	9.5	145821.6	-1106.8	3968	9.9	152629.7	-1134.1	4058	8.2	155628.1	-1103.0
3789	7.0	143410.5	-1136.8	3879	9.8	145907.5	-1137.2	3969	8.6	152639.5	-1121.8	4059	9.8	155646.2	-1149.9
3790	9.7	143411.5	-1105.4	3880	9.1	150004.0	-1105.9	3970	9.8	152716.8	-1111.7	4060	8.5	155705.3	-1114.2
3791	8.4	143429.4	-1131.5	3881	7.5	150013.4	-1129.5	3971	9.4	152718.7	-1122.5	4061	9.9	155708.7	-1148.6
3792	9.8	143443.9	-1113.0	3882	9.5	150023.8	-1105.2	3972	9.1	152723.8	-1131.8	4062	9.5	155755.5	-1112.9
3793	8.9	143450.2	-1158.5	3883	9.9	150028.1	-1155.6	3973	9.0	152725.3	-1111.7	4063	9.3	155800.9	-1123.3
3794	9.5	143527.2	-1145.1	3884	10.	150039.5	-1151.0	3974	9.3	152738.5	-1100.8	4064	8.0	155805.6	-1154.9
3795	8.6	143543.5	-1100.0	3885	8.8	150046.0	-1110.2	3975	9.0	152740.0	-1153.4	4065	9.6	155806.0	-1115.2
3796	9.8	143556.0	-1106.4	3886	7.8	150101.4	-1114.3	3976	10.	152801.9	-1126.2	4066	8.8	155819.1	-1154.6
3797	8.3	143626.8	-1100.2	3887	10.	150111.8	-1149.5	3977	9.0	152830.4	-1131.2	4067	8.3	155822.4	-1144.3
3798	9.8	143631.9	-1134.7	3888	9.5	150127.4	-1137.8	3978	9.6	153014.5	-1119.7	4068	7.5	155835.2	-1130.6
3799	9.8	143744.9	-1140.0	3889	9.7	150130.1	-1145.9	3979	9.3	153020.4	-1122.2	4069	9.7	155851.1	-1155.3
3800	8.4	143752.3	-1144.5	3890	9.9	150130.9	-1141.3	3980	9.2	153023.9	-1122.0	4070	8.7	155855.3	-1108.2
3801	9.8	143817.8	-1140.8	3891	8.8	150145.0	-1101.2	3981	10.	153047.4	-1142.0	4071	9.1	155859.6	-1154.2
3802	9.4	143854.6	-1158.4	3892	8.8	150206.9	-1135.8	3982	9.4	153108.1	-1100.8	4072	9.4	155903.8	-1143.0
3803	9.5	143942.2	-1145.0	3893	9.7	150208.1	-1122.3	3983	9.3	153108.3	-1146.4	4073	8.4	155933.9	-1110.4
3804	9.8	143942.4	-1141.1	3894	9.8	150212.4	-1142.3	3984	9.4	153123.7	-1141.1	4074	8.0	155943.5	-1131.6
3805	8.5	143951.3	-1145.6	3895	9.4	150212.6	-1131.7	3985	9.5	153138.3	-1142.6	4075	9.5	155954.6	-1150.3
3806	9.1	143959.1	-1156.9	3896	9.4	150216.7	-1100.2	3986	8.6	153159.8	-1143.4	4076	9.6	160012.1	-1152.1
3807	9.7	144004.4	-1115.3	3897	9.6	150217.3	-1153.4	3987	9.3	153228.2	-1133.5	4077	9.3	160024.8	-1159.0
3808	9.9	144043.9	-1113.5	3898	8.7	150240.4	-1140.6	3988	8.9	153246.8	-1147.3	4078	9.5	160034.9	-1140.5
3809	9.4	144048.6	-1157.1	3899	9.0	150258.2	-1142.2	3989	8.5	153312.4	-1124.0	4079	8.9	160101.6	-1157.2
3810	9.5	144049.8	-1120.9	3900	9.3	150343.9	-1131.8	3990	9.4	153337.0	-1132.2	4080	9.0	160119.8	-1110.1
3811	9.9	144208.3	-1148.9	3901	9.8	150346.1	-1156.6	3991	9.2	153343.3	-1144.0	4081	7.8	160120.4	-1158.7
3812	10.	144209.3	-1127.0	3902	9.8	150400.0	-1119.7	3992	9.4	153432.4	-1104.6	4082	9.0	160149.6	-1155.9
3813	9.7	144231.1	-1112.8	3903	9.8	150403.4	-1132.4	3993	9.8	153525.1	-1134.4	4083	9.1	160209.7	-1114.5
3814	7.0	144244.4	-1124.8	3904	8.7	150445.2	-1150.1	3994	9.8	153528.6	-1133.1	4084	9.5	160239.8	-1152.3
3815	9.8	144250.9	-1139.5	3905	9.8	150502.9	-1111.2	3995	9.5	153539.6	-1120.8	4085	9.5	160240.6	-1143.5
3816	9.8	144258.9	-1123.0	3906	9.5	150514.0	-1156.8	3996	10.	153547.6	-1143.8	4086	8.7	160253.2	-1141.4
3817	9.3	144329.3	-1125.7	3907	9.2	150522.4	-1127.0	3997	8.9	153608.4	-1136.0	4087	8.7	160321.6	-1123.4
3818	9.8	144349.3	-1128.5	3908	9.7	150543.8	-1140.2	3998	9.0	153617.7	-1130.1	4088	9.5	160331.9	-1156.5
3819	9.3	144445.8	-1116.3	3909	8.3	150550.5	-1150.3	3999	10.	153620.3	-1157.0	4089	9.5	160405.7	-1139.4
3820	9.4	144452.6	-1117.0	3910	9.3	150637.9	-1144.6	4000	9.5	153634.5	-1139.4	4090	9.5	160424.5	-1144.7
3821	7.3	144459.8	-1147.0	3911	9.1	150713.8	-1130.7	4001	9.3	153801.2	-1134.3	4091	9.4	160430.3	-1127.0
3822	8.5	144524.7	-1138.0	3912	9.9	150832.5	-1113.5	4002	9.0	153802.7	-1118.0	4092	8.7	160449.4	-1158.6
3823	10.	144543.5	-1115.4	3913	9.5	150833.2	-1155.5	4003	9.3	153822.7	-1114.2	4093	10.	160513.5	-1119.1
3824	10.	144558.1	-1150.2	3914	9.5	150852.4	-1104.5	4004	9.2	153824.6	-1147.9	4094	9.3	160530.9	-1126.9
3825	8.6	144618.9	-1104.9	3915	9.0	150859.6	-1100.9	4005	9.5	153835.5	-1140.9	4095	10.	160546.3	-1140.8
3826	9.8	144628.0	-1152.8	3916	9.8	150917.7	-1101.4	4006	9.0	153847.1	-1105.8	4096	5.8	160549.5	-1127.5
3827	5.8	144630.5	-1118.3	3917	9.7	151011.5	-1100.2	4007	9.3	153849.2	-1127.8	4097	8.5	160602.8	-1121.4
3828	9.7	144636.5	-1108.4	3918	9.5	151022.4	-1154.6	4008	9.6	153907.1	-1152.0	4098	9.5	160603.8	-1129.5
3829	10.	144637.4	-1114.0	3919	9.8	151055.9	-1145.9	4009	9.1	153913.1	-1146.2	4099	9.4	160606.2	-1151.9
3830	10.	144728.3	-1105.0	3920	9.6	151100.8	-1151.7	4010	8.0	153920.1	-1146.1	4100	9.3	160655.0	-1100.5

4101	8.5	160658.5	-1120.5	4191	8.7	163328.8	-1129.8	4281	9.3	165422.4	-1141.7	4371	9.8	171654.0	-1154.3
4102	9.2	160848.0	-1128.5	4192	9.2	163331.4	-1127.4	4282	9.6	165423.0	-1143.3	4372	9.1	171738.8	-1150.3
4103	9.5	160927.4	-1139.4	4193	9.6	163336.9	-1122.7	4283	9.2	165442.2	-1109.9	4373	9.8	171816.2	-1100.3
4104	8.8	161003.0	-1141.8	4194	9.5	163424.3	-1143.5	4284	9.2	165452.5	-1126.3	4374	9.8	171818.3	-1122.0
4105	9.3	161014.9	-1128.9	4195	9.8	163504.3	-1112.5	4285	9.6	165504.1	-1142.8	4375	9.8	171830.0	-1123.8
4106	9.4	161021.1	-1108.0	4196	9.6	163514.8	-1115.1	4286	9.5	165605.4	-1106.6	4376	9.1	171845.6	-1124.0
4107	8.9	161029.5	-1133.4	4197	9.4	163525.7	-1127.9	4287	9.5	165633.0	-1105.4	4377	8.8	171846.2	-1132.8
4108	8.3	161044.7	-1108.6	4198	9.0	163545.3	-1130.5	4288	9.4	165652.1	-1159.6	4378	9.6	171859.1	-1114.8
4109	9.5	161115.6	-1113.9	4199	9.9	163600.5	-1121.7	4289	10.	165657.5	-1149.2	4379	10.	171931.0	-1136.0
4110	8.6	161137.0	-1146.5	4200	8.8	163608.2	-1143.1	4290	9.4	165658.7	-1150.7	4380	8.4	171945.0	-1151.2
4111	9.0	161149.9	-1133.5	4201	10.	163612.3	-1153.0	4291	9.5	165713.2	-1143.3	4381	9.4	172033.2	-1122.6
4112	9.0	161214.4	-1136.0	4202	9.5	163612.9	-1125.0	4292	9.0	165745.6	-1126.3	4382	9.5	172038.3	-1130.7
4113	9.5	161215.0	-1153.9	4203	9.7	163614.1	-1157.2	4293	9.0	165749.8	-1106.2	4383	9.5	172041.2	-1134.5
4114	9.3	161227.0	-1151.7	4204	8.9	163627.6	-1157.0	4294	9.3	165751.6	-1153.7	4384	9.1	172052.7	-1132.3
4115	9.4	161227.8	-1110.7	4205	9.4	163631.8	-1104.4	4295	9.3	165803.9	-1122.0	4385	8.3	172055.0	-1155.0
4116	9.5	161303.5	-1137.0	4206	9.2	163718.3	-1141.5	4296	9.0	165833.1	-1134.3	4386	9.8	172131.9	-1102.4
4117	9.3	161306.4	-1140.0	4207	9.8	163825.7	-1141.8	4297	9.8	165837.2	-1118.0	4387	9.5	172144.8	-1117.3
4118	9.8	161308.2	-1154.4	4208	9.8	163831.9	-1156.0	4298	9.3	165850.7	-1106.2	4388	7.9	172145.6	-1101.2
4119	9.8	161338.9	-1105.9	4209	8.7	163856.3	-1120.9	4299	8.8	165916.0	-1159.(	4389	9.4	172152.3	-1129.1
4120	9.5	161402.2	-1100.6	4210	9.2	163900.5	-1135.8	4300	9.8	165921.4	-1137.8	4390	8.5	172214.5	-1130.3
4121	9.1	161407.4	-1105.9	4211	9.5	163914.0	-1115.0	4301	9.8	165945.4	-1154.1	4391	9.1	172243.5	-1115.2
4122	9.1	161419.4	-1135.8	4212	9.5	163923.3	-1111.6	4302	9.4	170009.7	-1111.9	4392	9.3	172256.0	-1139.5
4123	9.3	161446.3	-1154.4	4213	9.8	164000.1	-1115.2	4303	9.3	170015.5	-1115.7	4393	9.3	172256.3	-1104.4
4124	10.	161507.5	-1145.4	4214	9.8	164029.0	-1147.1	4304	7.1	170020.3	-1150.3	4394	8.9	172304.3	-1114.0
4125	9.3	161525.8	-1140.5	4215	9.1	164056.1	-1108.9	4305	8.8	170051.2	-1117.5	4395	9.7	172314.2	-1134.4
4126	9.5	161527.4	-1116.1	4216	9.5	164157.7	-1151.2	4306	9.8	170059.2	-1143.4	4396	9.8	172314.7	-1125.7
4127	9.5	161600.9	-1120.0	4217	8.9	164219.6	-1136.4	4307	9.5	170150.1	-1124.9	4397	8.3	172330.1	-1143.0
4128	9.3	161604.5	-1113.5	4218	8.5	164226.4	-1103.6	4308	9.5	170152.1	-1119.6	4398	9.3	172335.8	-1121.1
4129	7.3	161610.7	-1133.2	4219	9.5	164248.9	-1107.2	4309	9.9	170155.7	-1145.5	4399	9.2	172344.6	-1145.1
4130	9.4	161646.4	-1109.3	4220	9.5	164344.2	-1125.8	4310	9.9	170224.2	-1148.4	4400	10.	172354.5	-1145.1
4131	9.4	161656.9	-1103.3	4221	9.8	164419.2	-1151.1	4311	9.8	170233.6	-1135.6	4401	8.4	172406.8	-1150.4
4132	8.6	161701.2	-1132.7	4222	10.	164422.8	-1126.0	4312	9.1	170243.8	-1133.8	4402	9.4	172423.7	-1100.1
4133	9.8	161713.3	-1102.9	4223	9.5	164442.8	-1159.3	4313	9.3	170300.8	-1152.0	4403	8.0	172444.9	-1108.7
4134	9.0	161756.5	-1151.8	4224	9.0	164445.9	-1126.9	4314	9.4	170311.1	-1133.8	4404	9.1	172446.2	-1145.0
4135	8.2	161818.4	-1109.0	4225	9.0	164452.3	-1112.0	4315	9.0	170356.1	-1127.3	4405	9.4	172524.3	-1141.4
4136	9.2	161835.1	-1120.8	4226	7.4	164507.2	-1125.8	4316	8.7	170416.6	-1125.7	4406	9.6	172558.2	-1121.5
4137	10.	161853.8	-1143.2	4227	8.4	164530.0	-1130.9	4317	10.	170429.7	-1122.4	4407	10.	172610.4	-1159.1
4138	9.1	161858.2	-1156.6	4228	9.7	164548.9	-1118.4	4318	9.5	170438.3	-1151.9	4408	9.4	172620.0	-1104.1
4139	9.6	161901.9	-1150.8	4229	9.2	164612.2	-1149.9	4319	9.0	170502.0	-1144.2	4409	9.5	172639.8	-1155.8
4140	8.5	161904.3	-1145.7	4230	9.1	164625.7	-1148.9	4320	9.8	170525.9	-1148.1	4410	9.0	172640.1	-1108.5
4141	9.4	161917.4	-1105.6	4231	6.5	164635.8	-1133.0	4321	8.7	170529.7	-1105.9	4411	6.0	172642.1	-1108.2
4142	9.6	161917.7	-1140.4	4232	9.8	164645.3	-1156.6	4322	9.7	170538.4	-1147.4	4412	9.3	172647.8	-1142.6
4143	9.3	161922.3	-1140.5	4233	8.8	164645.6	-1118.7	4323	9.0	170554.3	-1125.7	4413	8.6	172647.9	-1135.8
4144	9.1	161929.4	-1124.6	4234	7.6	164711.0	-1103.7	4324	9.3	170554.5	-1118.9	4414	8.5	172718.2	-1126.2
4145	9.2	161940.4	-1106.9	4235	8.5	164725.3	-1139.2	4325	9.4	170728.2	-1135.1	4415	9.6	172744.5	-1147.0
4146	9.5	161944.9	-1108.9	4236	9.7	164725.7	-1133.1	4326	9.6	170735.3	-1143.3	4416	9.4	172745.5	-1145.7
4147	9.0	162022.4	-1120.6	4237	8.7	164731.7	-1106.4	4327	9.8	170742.6	-1156.7	4417	8.7	172802.9	-1155.1
4148	9.2	162039.3	-1121.6	4238	8.9	164739.8	-1111.9	4328	9.2	170754.4	-1101.9	4418	9.3	172805.2	-1152.7
4149	9.0	162046.4	-1156.4	4239	9.7	164742.2	-1142.6	4329	9.8	170802.7	-1118.0	4419	8.5	172842.4	-1159.4
4150	10.	162047.2	-1148.4	4240	9.7	164747.0	-1142.3	4330	9.5	170803.3	-1136.5	4420	9.4	172845.6	-1144.0
4151	8.6	162107.2	-1142.1	4241	9.7	164749.9	-1113.2	4331	9.4	170835.1	-1125.7	4421	9.1	172907.6	-1127.6
4152	9.8	162132.8	-1133.2	4242	9.7	164831.6	-1108.8	4332	8.8	170856.8	-1159.1	4422	9.8	172919.0	-1101.5
4153	9.4	162150.1	-1116.2	4243	10.	164847.4	-1126.2	4333	9.4	170906.3	-1102.3	4423	9.4	172930.7	-1127.7
4154	8.3	162150.9	-1142.4	4244	10.	164934.2	-1155.6	4334	9.5	170912.5	-1142.8	4424	9.6	173021.3	-1105.9
4155	9.0	162215.3	-1121.8	4245	9.7	164914.3	-1158.7	4335	9.4	170935.1	-1158.0	4425	9.0	173032.1	-1125.8
4156	9.0	162219.2	-1100.2	4246	9.5	164927.7	-1113.2	4336	9.7	170951.2	-1147.8	4426	9.2	173035.0	-1144.4
4157	9.4	162226.6	-1159.0	4247	9.0	164947.0	-1144.2	4337	9.3	171028.1	-1120.9	4427	9.5	173045.4	-1132.3
4158	9.7	162249.4	-1111.5	4248	9.4	164950.9	-1154.3	4338	9.8	171046.5	-1129.5	4428	9.1	173045.4	-1121.4
4159	8.7	162400.9	-1148.3	4249	7.2	164957.2	-1150.9	4339	9.7	171048.5	-1141.0	4429	9.4	173118.4	-1125.2
4160	9.8	162402.0	-1100.7	4250	9.8	165009.2	-1138.7	4340	9.8	171102.6	-1115.8	4430	7.8	173124.5	-1110.8
4161	9.2	162425.1	-1103.2	4251	9.6	165010.2	-1142.3	4341	7.4	171104.1	-1149.8	4431	8.8	173129.7	-1101.5
4162	8.5	162429.9	-1138.4	4252	9.5	165021.3	-1119.3	4342	9.8	171127.2	-1114.0	4432	9.3	173141.9	-1125.5
4163	9.8	162434.5	-1102.1	4253	9.5	165037.3	-1131.1	4343	9.4	171144.7	-1127.6	4433	8.9	173142.1	-1145.4
4164	10.	162444.1	-1145.5	4254	9.8	165038.9	-1121.1	4344	8.0	171148.1	-1111.7	4434	9.8	173149.4	-1141.3
4165	9.5	162505.7	-1157.9	4255	9.3	165041.0	-1113.2	4345	8.8	171200.8	-1124.2	4435	8.0	173149.9	-1122.8
4166	9.6	162548.5	-1103.9	4256	9.0	165041.3	-1152.3	4346	9.8	171213.6	-1148.1	4436	9.3	173225.9	-1159.9
4167	9.8	162626.0	-1107.4	4257	9.6	165054.0	-1112.8	4347	9.8	171216.6	-1106.6	4437	9.3	173249.7	-1127.5
4168	9.8	162637.9	-1138.6	4258	9.0	165112.6	-1149.6	4348	8.3	171216.7	-1128.5	4438	9.3	173315.4	-1156.2
4169	9.6	162652.6	-1139.4	4259	9.7	165114.7	-1100.7	4349	7.8	171221.0	-1127.9	4439	9.7	173317.2	-1104.7
4170	9.7	162725.8	-1108.5	4260	9.8	165123.1	-1156.6	4350	9.2	171231.6	-1118.0	4440	9.8	173407.3	-1118.1
4171	9.1	162737.9	-1115.5	4261	9.5	165124.1	-1123.5	4351	9.8	171238.2	-1140.5	4441	9.8	173423.0	-1147.4
4172	9.1	162812.7	-1125.2	4262	10.	165126.7	-1100.6	4352	8.8	171255.1	-1123.7	4442	9.6	173437.6	-1129.8
4173	9.2	162813.2	-1130.1	4263	9.8	165130.0	-1131.6	4353	9.8	171300.0	-1131.7	4443	9.4	173440.1	-1133.4
4174	8.8	162820.2	-1124.9	4264	9.6	165153.4	-1154.0	4354	7.3	171306.3	-1154.5	4444	9.1	173512.2	-1141.7
4175	8.2	162914.3	-1102.9	4265	9.7	165204.4	-1152.9	4355	7.8	171316.2	-1147.9	4445	9.5	173516.2	-1113.3
4176	9.4	162927.0	-1116.9	4266	9.4	165206.4	-1140.8	4356	10.	171316.6	-1100.6	4446	9.4	173523.9	-1122.7
4177	7.7	162927.3	-1134.1	4267	9.7	165206.9	-1146.4	4357	9.5	171319.2	-1118.4	4447	9.9	173526.8	-1136.7
4178	9.9	163003.7	-1121.9	4268	9.0	165208.4	-1131.6	4358	9.8	171327.9	-1144.8	4448	9.9	173526.9	-1143.0
4179	8.4	163027.5	-1114.7	4269	9.6	165211.3	-1144.6	4359	9.8	171401.6	-1157.7	4449	9.0	173531.0	-1136.2
4180	9.8	163059.5	-1108.8	4270	9.2	165250.8	-1151.4	4360	9.4	171406.6	-1104.5	4450	9.7	173614.4	-1143.8
4181	8.3	163128.5	-1123.5	4271	9.5	165254.6	-1101.8	4361	9.3	171457.0	-1122.1	4451	8.9	173616.7	-1157.2
4182	9.5	163132.0	-1140.7	4272	9.5	165259.9	-1103.5	4362	9.3	171523.9	-1132.7	4452	9.5	173636.1	-1121.1
4183	9.5	163136.1	-1128.4	4273	9.8	165310.1	-1122.6	4363	9.8	171525.6	-1109.0	4453	9.1	173644.0	-1114.3
4184	10.	163137.9	-1110.5	4274	9.7	165210.3	-1145.0	4364	10.	171535.8	-1129.8	4454	8.9	173648.6	-1141.7
4185	9.7	163147.9	-1108.4	4275	9.4	165345.5	-1123.6	4365	9.7	171537.0	-1125.5	4455	9.1	173703.1	-1146.8
4186	9.2	163205.5	-1123.8	4276	9.4	165345.6	-1152.2	4366	9.7	171555.4	-1150.3	4456	8.5	173735.0	-1131.0
4187	10.	163238.1	-1124.6	4277	9.2	165346.4	-1138.0	4367	7.8	171559.2	-1133.1	4457	9.1	173819.5	-1149.1
4188	9.8	163250.4	-1145.7	4278	9.0	165409.4	-1152.5	4368	9.5	171606.7	-1113.0	4458	9.4	173928.7	-1142.3
4189	9.2	163252.1	-1157.4	4279	9.7	165421.3	-1138.2	4369	9.0	171639.9	-1145.4	4459	9.3	174028.1	-1151.6
4190	8.5	163305.3	-1133.8	4280	8.4	165419.8	-1141.0	4370	9.5	171642.6	-1129.8	4460	7.8	174100.6	-1117.3

4461	9.4	174105.9	-1137.7	4551	9.8	180310.5	-1126.3	4641	9.5	182003.8	-1146.6	4731	9.5	183558.6	-1145.7
4462	9.0	174109.0	-1138.6	4552	9.5	180323.1	-1154.4	4642	9.0	182008.5	-1110.0	4732	9.5	183603.0	-1142.0
4463	8.8	174128.5	-1150.9	4553	9.8	180323.6	-1136.8	4643	9.4	182017.3	-1158.9	4733	9.4	183614.4	-1101.7
4464	9.4	174149.0	-1153.1	4554	7.2	180324.0	-1119.6	4644	9.1	182030.9	-1153.3	4734	9.1	183635.9	-1125.0
4465	9.5	174208.0	-1156.5	4555	9.7	180359.8	-1112.1	4645	9.4	182044.7	-1147.7	4735	6.8	183700.2	-1136.0
4466	8.9	174228.5	-1144.9	4556	9.5	180402.5	-1104.1	4646	9.3	182158.9	-1151.8	4736	9.5	183700.8	-1121.1
4467	9.6	174249.2	-1157.8	4557	9.0	180423.2	-1122.5	4647	9.8	182206.8	-1131.1	4737	9.1	183707.3	-1112.3
4468	9.6	174253.8	-1130.0	4558	9.8	180437.9	-1150.5	4648	8.5	182209.1	-1132.7	4738	9.4	183722.7	-1101.7
4469	9.6	174253.8	-1149.3	4559	9.4	180438.3	-1115.2	4649	9.5	182209.3	-1127.7	4739	9.6	183730.3	-1135.5
4470	9.8	174308.9	-1154.4	4560	9.1	180509.0	-1115.5	4650	9.2	182228.0	-1158.7	4740	9.0	183734.5	-1111.4
4471	8.6	174353.1	-1116.9	4561	9.1	180513.7	-1126.6	4651	9.0	182238.9	-1153.7	4741	9.9	183749.6	-1109.4
4472	9.5	174430.5	-1128.1	4562	9.0	180526.1	-1155.5	4652	9.5	182246.0	-1141.8	4742	9.0	183751.4	-1115.3
4473	9.5	174502.4	-1141.0	4563	9.8	180526.3	-1136.0	4653	9.8	182258.3	-1145.3	4743	9.7	183754.7	-1132.1
4474	9.8	174532.9	-1142.3	4564	9.3	180536.8	-1130.9	4654	9.5	182259.6	-1150.1	4744	9.7	183835.4	-1107.9
4475	6.5	174603.1	-1118.0	4565	9.5	180623.2	-1106.7	4655	8.3	182305.0	-1159.0	4745	9.7	183840.2	-1132.1
4476	9.8	174604.0	-1144.7	4566	8.5	180634.6	-1115.2	4656	9.2	182326.1	-1146.8	4746	9.8	183858.2	-1121.2
4477	9.1	174604.4	-1138.3	4567	9.9	180651.9	-1151.1	4657	9.5	182330.0	-1140.5	4747	9.3	183900.5	-1150.0
4478	6.8	174650.5	-1136.0	4568	9.8	180706.7	-1109.2	4658	9.6	182333.4	-1143.4	4748	8.4	183909.7	-1122.2
4479	9.5	174700.7	-1111.2	4569	9.5	180720.3	-1147.6	4659	9.4	182337.0	-1119.5	4749	9.6	183941.4	-1101.7
4480	9.5	174718.2	-1100.5	4570	9.3	180729.5	-1123.5	4660	9.1	182340.0	-1157.3	4750	9.3	183945.0	-1149.0
4481	9.0	174732.1	-1154.8	4571	9.5	180733.7	-1156.0	4661	9.1	182340.6	-1152.8	4751	9.0	183953.8	-1142.4
4482	8.8	174752.2	-1131.4	4572	7.8	180752.1	-1103.3	4662	9.7	182354.0	-1120.5	4752	8.9	183955.6	-1116.4
4483	9.1	174812.9	-1113.7	4573	7.5	180759.5	-1113.3	4663	8.5	182354.3	-1145.0	4753	7.2	184015.7	-1132.9
4484	9.4	174821.6	-1101.6	4574	9.7	180803.3	-1143.1	4664	9.4	182405.4	-1155.6	4754	9.6	184036.1	-1110.8
4485	9.5	174831.5	-1134.0	4575	9.6	180809.4	-1103.4	4665	9.1	182407.4	-1151.6	4755	9.8	184039.2	-1109.8
4486	8.3	174833.3	-1154.1	4576	9.3	180823.2	-1136.9	4666	9.8	182411.8	-1129.7	4756	9.0	184041.1	-1151.8
4487	9.1	174839.9	-1100.2	4577	9.8	180829.8	-1146.5	4667	9.0	182414.7	-1123.4	4757	8.0	184112.7	-1107.9
4488	9.8	174903.2	-1113.9	4578	8.0	180844.2	-1127.1	4668	8.9	182433.8	-1126.1	4758	8.0	184121.6	-1156.8
4489	9.4	174921.2	-1129.8	4579	9.4	180845.8	-1151.1	4669	9.5	182448.0	-1158.3	4759	9.8	184122.8	-1104.4
4490	7.7	174931.9	-1130.6	4580	9.8	180911.7	-1132.8	4670	9.0	182455.5	-1142.4	4760	8.8	184124.5	-1120.0
4491	8.3	174938.3	-1139.8	4581	9.8	180917.9	-1148.0	4671	9.5	182522.9	-1122.1	4761	9.5	184135.4	-1141.2
4492	9.1	174940.1	-1114.0	4582	9.3	180919.3	-1151.8	4672	8.8	182526.1	-1144.2	4762	9.1	184139.8	-1135.6
4493	9.3	174944.6	-1101.2	4583	8.7	180936.1	-1117.5	4673	9.3	182529.1	-1130.9	4763	9.5	184141.4	-1124.2
4494	9.4	174957.7	-1138.5	4584	9.4	180941.8	-1109.3	4674	9.2	182544.1	-1118.0	4764	8.8	184142.1	-1142.4
4495	8.8	175002.7	-1155.5	4585	9.8	180946.4	-1158.3	4675	9.3	182553.1	-1140.6	4765	9.5	184142.7	-1114.4
4496	9.1	175026.4	-1159.8	4586	8.9	180958.6	-1120.7	4676	9.6	182609.8	-1144.7	4766	9.3	184157.2	-1119.6
4497	10.	175032.0	-1146.4	4587	9.5	181000.4	-1157.8	4677	9.2	182614.9	-1135.6	4767	9.7	184201.2	-1118.8
4498	8.1	175034.0	-1150.8	4588	9.9	181003.9	-1151.7	4678	10.	182651.5	-1128.2	4768	9.4	184201.9	-1103.9
4499	9.4	175036.5	-1140.4	4589	9.5	181048.2	-1134.1	4679	9.5	182652.2	-1101.3	4769	9.5	184202.4	-1156.5
4500	9.7	175040.6	-1100.6	4590	8.6	181049.3	-1103.7	4680	9.8	182657.2	-1134.0	4770	9.4	184212.7	-1130.5
4501	8.9	175041.2	-1144.2	4591	9.3	181051.6	-1119.8	4681	5.3	182658.9	-1105.1	4771	9.5	184216.8	-1134.8
4502	9.4	175050.0	-1122.1	4592	9.1	181057.7	-1129.0	4682	9.5	182713.4	-1154.1	4772	9.3	184224.1	-1116.8
4503	9.3	175103.8	-1128.1	4593	8.7	181101.7	-1141.3	4683	9.5	182739.5	-1147.0	4773	8.7	184226.4	-1109.8
4504	9.4	175104.5	-1140.9	4594	9.4	181122.7	-1100.3	4684	9.8	182800.0	-1150.5	4774	9.5	184234.3	-1148.8
4505	9.4	175111.7	-1157.9	4595	9.1	181139.5	-1158.2	4685	9.4	182800.3	-1100.8	4775	9.1	184301.3	-1143.8
4506	9.3	175115.0	-1109.4	4596	7.5	181147.1	-1120.6	4686	9.3	182843.2	-1110.4	4776	9.8	184302.4	-1110.3
4507	8.5	175151.5	-1132.0	4597	9.6	181201.1	-1150.2	4687	9.3	182849.0	-1156.8	4777	9.8	184303.0	-1158.1
4508	9.1	175206.9	-1115.3	4598	9.5	181202.2	-1130.2	4688	9.4	182903.7	-1107.6	4778	9.7	184303.8	-1133.4
4509	9.8	175211.6	-1103.8	4599	9.5	181215.4	-1152.6	4689	9.5	182904.2	-1159.3	4779	9.1	184306.1	-1115.6
4510	8.4	175216.0	-1114.9	4600	9.1	181215.2	-1120.2	4690	9.2	182918.2	-1159.4	4780	9.4	184314.9	-1108.4
4511	9.6	175229.8	-1116.3	4601	9.8	181218.4	-1142.2	4691	9.4	182928.4	-1147.3	4781	9.5	184316.7	-1137.5
4512	9.8	175252.2	-1141.6	4602	9.4	1813 0.6	-1121.9	4692	8.5	182945.4	-1128.3	4782	9.4	184335.1	-1156.4
4513	9.3	175308.1	-1127.6	4603	9.2	1813.4.4	-1140.6	4693	9.5	182954.7	-1101.4	4783	9.1	184340.5	-1119.2
4514	9.7	175325.6	-1136.7	4604	9.3	181322.6	-1145.4	4694	9.1	183006.3	-1122.0	4784	9.5	184407.0	-1113.0
4515	9.1	175330.7	-1154.2	4605	9.1	181342.0	-1142.2	4695	9.3	183018.4	-1132.5	4785	9.8	184409.2	-1130.1
4516	9.5	175338.6	-1135.3	4606	7.8	181343.5	-1158.9	4696	9.2	183024.6	-1107.0	4786	7.8	184410.9	-1148.0
4517	9.2	175404.4	-1106.1	4607	9.1	181349.4	-1143.7	4697	9.4	183029.8	-1115.5	4787	9.2	184411.3	-1142.1
4518	9.5	175431.7	-1110.6	4608	9.1	181350.3	-1128.2	4698	9.8	183030.8	-1118.0	4788	9.5	184419.8	-1104.5
4519	8.5	175442.3	-1137.9	4609	9.7	181409.0	-1130.6	4699	9.2	183059.1	-1145.0	4789	9.5	184430.1	-1121.0
4520	9.8	175454.5	-1121.3	4610	9.7	181413.0	-1146.6	4700	8.8	183117.2	-1109.1	4790	9.4	184437.8	-1103.3
4521	9.1	175522.0	-1118.2	4611	9.5	181423.4	-1152.6	4701	9.4	183152.6	-1105.7	4791	9.7	184443.0	-1144.5
4522	9.8	175525.4	-1130.0	4612	9.8	181430.6	-1133.9	4702	7.3	183153.5	-1113.8	4792	9.5	184451.7	-1130.1
4523	9.8	175551.8	-1103.7	4613	8.3	181431.9	-1155.5	4703	9.7	183210.0	-1100.8	4793	8.2	184456.0	-1136.5
4524	9.9	175621.8	-1123.0	4614	8.9	181446.6	-1140.6	4704	9.0	183221.0	-1111.3	4794	9.8	184506.6	-1109.1
4525	10.	175629.8	-1121.8	4615	9.2	181448.4	-1144.1	4705	9.8	183237.9	-1100.1	4795	7.8	184510.7	-1131.3
4526	9.5	175650.5	-1116.6	4616	8.8	181448.7	-1120.9	4706	9.1	183307.8	-1108.7	4796	9.8	184517.0	-1120.4
4527	8.0	175658.1	-1130.5	4617	9.5	181454.3	-1127.6	4707	9.3	183310.3	-1115.0	4797	9.5	184517.1	-1152.2
4528	9.1	175717.0	-1125.7	4618	9.4	181509.8	-1152.0	4708	9.4	183315.2	-1151.1	4798	9.8	184522.9	-1133.1
4529	6.8	175726.9	-1101.4	4619	9.3	181522.7	-1129.9	4709	8.5	183336.4	-1130.1	4799	9.8	184529.5	-1146.7
4530	9.7	175738.4	-1145.9	4620	9.4	181523.7	-1159.5	4710	9.5	183341.3	-1104.4	4800	9.7	184536.7	-1117.9
4531	8.9	175750.2	-1142.9	4621	9.8	181557.8	-1140.9	4711	9.4	183342.9	-1126.4	4801	9.4	184538.0	-1117.5
4532	9.0	175807.7	-1119.5	4622	9.5	181602.4	-1158.2	4712	9.3	183343.7	-1130.6	4802	9.7	184601.8	-1138.0
4533	9.4	175811.1	-1136.0	4623	9.5	181607.7	-1117.9	4713	9.6	183350.8	-1111.9	4803	9.8	184611.2	-1119.9
4534	8.8	175826.7	-1156.7	4624	9.0	181610.0	-1131.0	4714	9.5	183402.0	-1120.6	4804	7.8	184621.3	-1146.1
4535	8.5	175841.3	-1129.3	4625	9.4	181622.1	-1127.6	4715	9.8	183422.1	-1129.3	4805	9.0	184624.2	-1149.1
4536	9.3	175844.9	-1136.9	4626	8.7	181643.7	-1126.2	4716	9.0	183422.2	-1133.3	4806	9.5	184628.5	-1109.9
4537	9.5	175911.6	-1155.6	4627	9.6	181647.3	-1138.8	4717	8.5	183425.4	-1114.6	4807	9.8	184646.5	-1112.1
4538	9.8	175924.7	-1144.7	4628	9.8	181658.6	-1115.4	4718	9.4	183427.8	-1103.1	4808	9.8	184657.7	-1126.2
4539	9.8	175942.5	-1123.0	4629	9.7	181719.3	-1141.3	4719	9.5	183438.6	-1145.5	4809	9.5	184710.1	-1158.8
4540	10.	180030.2	-1136.8	4630	9.1	181829.7	-1143.1	4720	9.7	183450.7	-1117.7	4810	9.5	184725.9	-1118.6
4541	7.1	180052.6	-1145.3	4631	8.0	181836.9	-1126.1	4721	9.7	183502.3	-1110.7	4811	9.4	184731.2	-1128.2
4542	9.2	180056.6	-1136.5	4632	9.1	181853.9	-1153.9	4722	9.8	183507.2	-1147.3	4812	9.2	184733.5	-1102.8
4543	9.7	180057.7	-1149.0	4633	9.5	181855.0	-1149.2	4723	10.	183508.4	-1113.0	4813	9.0	184742.6	-1155.4
4544	9.3	180112.5	-1121.8	4634	9.0	181857.6	-1129.8	4724	9.6	183518.7	-1138.8	4814	9.5	184746.9	-1100.2
4545	6.8	180139.6	-1144.6	4635	9.8	181926.1	-1119.7	4725	9.8	183525.9	-1117.1	4815	9.1	184753.5	-1112.5
4546	8.9	180146.9	-1146.0	4636	9.5	181931.2	-1121.8	4726	6.8	183527.5	-1128.5	4816	9.1	184754.8	-1113.0
4547	9.4	180209.7	-1148.0	4637	9.8	181938.8	-1145.1	4727	9.4	183529.8	-1111.0	4817	9.5	184817.3	-1109.0
4548	7.3	180242.4	-1102.0	4638	9.1	181944.9	-1148.9	4728	9.8	183532.2	-1104.4	4818	7.2	184820.0	-1130.1
4549	9.3	180255.5	-1117.4	4639	10.	181945.1	-1140.2	4729	8.7	183534.5	-1137.8	4819	9.8	184821.4	-1144.4
4550	9.2	180300.4	-1106.9	4640	9.2	181955.3	-1139.2	4730	9.1	183549.1	-1153.1	4820	8.7	184838.3	-1137.0

4821	9.5	184850.2	-1159.3	4911	9.8	190532.5	-1100.2	5001	9.5	191846.7	-1105.0	5091	9.2	193430.9	-1146.3
4822	9.5	184853.6	-1155.7	4912	8.5	190533.9	-1128.0	5002	9.9	191900.0	-1134.0	5092	9.5	193433.6	-1130.2
4823	9.1	184930.7	-1123.4	4913	7.3	190551.1	-1126.8	5003	8.9	191906.1	-1140.2	5093	9.4	193448.0	-1110.1
4824	9.4	184937.7	-1123.6	4914	9.5	190557.2	-1108.8	5004	9.4	191908.8	-1113.0	5094	9.5	193453.7	-1138.6
4825	9.0	184957.0	-1141.8	4915	9.3	190610.3	-1155.2	5005	9.8	191926.7	-1107.3	5095	9.5	193502.9	-1149.3
4826	8.8	185009.7	-1100.0	4916	8.8	190633.5	-1144.9	5006	9.6	192002.3	-1106.4	5096	8.5	193506.1	-1129.4
4827	9.3	185024.2	-1151.1	4917	9.5	190636.1	-1148.2	5007	9.6	192003.7	-1136.5	5097	7.8	193511.6	-1100.6
4828	9.5	185035.3	-1133.3	4918	8.9	190644.2	-1107.0	5008	9.9	192023.2	-1103.6	5098	9.5	193528.0	-1114.9
4829	9.0	185050.9	-1138.2	4919	9.4	190652.1	-1109.4	5009	8.8	192025.5	-1126.7	5099	9.8	193534.5	-1114.5
4830	9.8	185116.8	-1109.5	4920	9.5	190710.2	-1109.0	5010	9.5	192025.9	-1128.2	5100	9.5	193605.2	-1144.0
4831	10.	185125.0	-1108.3	4921	9.0	190721.6	-1157.6	5011	9.4	192032.8	-1152.0	5101	9.5	193611.5	-1119.4
4832	9.0	185127.0	-1125.6	4922	10.	190731.8	-1147.8	5012	9.1	192057.2	-1151.5	5102	9.1	193614.6	-1147.8
4833	9.5	185133.4	-1140.0	4923	9.6	190740.3	-1116.0	5013	9.4	192103.9	-1154.7	5103	9.5	193617.8	-1141.5
4834	9.7	185139.1	-1114.2	4924	9.3	190747.1	-1154.2	5014	9.0	192128.4	-1118.8	5104	9.8	193621.5	-1117.6
4835	9.0	185214.2	-1106.7	4925	9.2	190753.9	-1134.4	5015	8.5	192147.4	-1119.5	5105	8.5	193623.8	-1122.1
4836	9.1	185216.7	-1137.0	4926	9.4	190758.9	-1132.0	5016	9.5	192150.1	-1143.1	5106	8.5	193628.2	-1127.5
4837	9.0	185223.9	-1106.5	4927	9.0	190815.2	-1159.4	5017	9.4	192158.6	-1100.9	5107	10.	193634.6	-1125.0
4838	8.8	185244.6	-1118.1	4928	9.1	190816.0	-1136.1	5018	8.5	192201.9	-1114.2	5108	8.2	193642.7	-1132.0
4839	9.7	185256.6	-1152.7	4929	7.5	190824.9	-1149.3	5019	9.3	192205.9	-1121.7	5109	9.9	193722.1	-1128.8
4840	8.9	185322.2	-1117.5	4930	9.3	190830.0	-1135.7	5020	9.5	192221.9	-1117.8	5110	9.3	193734.5	-1153.1
4841	9.8	185332.2	-1153.6	4931	9.0	190833.8	-1132.5	5021	9.8	192227.6	-1141.3	5111	9.3	193740.2	-1131.3
4842	8.8	185347.6	-1142.4	4932	7.0	190848.6	-1113.8	5022	9.1	192231.8	-1152.0	5112	9.4	193744.0	-1159.4
4843	9.0	185427.7	-1121.1	4933	9.6	190916.2	-1101.0	5023	9.1	192234.5	-1132.9	5113	8.6	193750.0	-1114.1
4844	9.4	185432.8	-1158.2	4934	8.9	190921.4	-1149.4	5024	10.	192235.1	-1115.9	5114	9.0	193758.9	-1100.4
4845	10.	185437.6	-1140.6	4935	10.	190929.1	-1103.1	5025	6.8	192254.8	-1147.2	5115	9.2	193807.3	-1101.2
4846	9.5	185447.7	-1120.8	4936	9.3	190935.5	-1116.6	5026	9.0	192310.2	-1118.7	5116	9.5	193820.9	-1104.0
4847	9.9	185456.4	-1136.0	4937	9.0	190941.2	-1108.9	5027	9.4	192322.3	-1111.4	5117	8.9	193830.1	-1117.8
4848	8.9	185502.7	-1119.7	4938	9.0	190944.2	-1114.0	5028	9.7	192332.3	-1106.2	5118	9.8	193839.8	-1119.6
4849	7.8	185504.2	-1114.6	4939	9.0	190956.1	-1133.5	5029	9.6	192359.7	-1106.5	5119	9.0	193840.4	-1150.0
4850	9.3	185507.8	-1148.3	4940	8.3	190956.1	-1140.4	5030	7.3	192401.6	-1134.5	5120	10.	193843.3	-1144.2
4851	9.6	185508.4	-1105.7	4941	9.5	191001.2	-1152.6	5031	9.5	192413.4	-1126.1	5121	9.4	193854.2	-1109.7
4852	6.7	185509.8	-1123.7	4942	9.8	191008.3	-1124.5	5032	9.0	192418.5	-1111.0	5122	9.5	193901.3	-1144.7
4853	9.1	185530.2	-1151.3	4943	7.8	191008.5	-1141.8	5033	10.	192418.8	-1108.5	5123	9.0	193903.9	-1105.5
4854	9.0	185538.3	-1135.5	4944	9.7	191011.6	-1147.3	5034	9.6	192430.3	-1153.8	5124	9.8	193927.5	-1105.4
4855	9.3	185545.3	-1135.3	4945	9.5	191015.1	-1105.8	5035	9.4	192432.3	-1148.2	5125	9.2	193928.2	-1137.0
4856	9.4	185549.2	-1120.0	4946	9.0	191033.4	-1138.4	5036	9.6	192501.9	-1159.1	5126	9.8	193933.7	-1115.9
4857	9.3	185613.0	-1141.0	4947	9.0	191045.2	-1107.5	5037	8.5	192520.4	-1141.0	5127	9.4	193941.2	-1129.3
4858	9.5	185627.2	-1155.3	4948	8.3	191050.1	-1108.7	5038	9.3	192527.2	-1150.0	5128	9.4	193957.3	-1136.3
4859	9.5	185637.2	-1117.0	4949	9.5	191056.3	-1155.6	5039	9.2	192530.2	-1150.7	5129	9.3	194023.7	-1144.9
4860	9.8	185655.4	-1131.7	4950	8.3	191057.7	-1110.9	5040	9.1	192543.4	-1154.3	5130	9.3	194027.0	-1104.4
4861	9.3	185658.7	-1117.5	4951	9.8	191103.4	-1131.2	5041	9.5	192556.1	-1149.6	5131	6.1	194102.9	-1113.8
4862	9.5	185701.2	-1114.0	4952	9.5	191111.7	-1140.4	5042	9.5	192606.5	-1121.8	5132	9.4	194105.7	-1134.6
4863	9.9	185702.3	-1125.5	4953	9.4	191114.4	-1102.9	5043	9.5	192611.7	-1148.4	5133	9.2	194106.8	-1112.2
4864	9.7	185715.3	-1105.5	4954	8.5	191143.0	-1137.6	5044	8.6	192623.1	-1135.5	5134	9.5	194107.0	-1125.8
4865	9.3	185716.4	-1146.7	4955	9.3	191152.8	-1150.8	5045	9.5	192638.8	-1127.3	5135	10.	194108.7	-1141.9
4866	8.8	185730.4	-1146.2	4956	9.5	191220.0	-1151.8	5046	9.9	192643.6	-1121.4	5136	9.5	194109.5	-1150.2
4867	9.8	185737.6	-1111.2	4957	9.7	191225.0	-1102.2	5047	10.	192646.2	-1134.9	5137	9.8	194111.8	-1145.2
4868	9.0	185738.8	-1129.2	4958	9.7	191232.1	-1140.9	5048	8.4	192649.0	-1129.0	5138	9.8	194124.5	-1101.7
4869	8.8	185750.2	-1100.2	4959	9.6	191236.5	-1101.2	5049	9.5	192651.7	-1158.4	5139	9.4	194134.8	-1136.7
4870	8.8	185812.0	-1148.7	4960	9.0	191241.5	-1133.1	5050	8.8	192725.0	-1105.6	5140	8.8	194137.9	-1120.6
4871	7.5	185814.2	-1151.7	4961	7.2	191248.9	-1133.9	5051	9.5	192812.7	-1146.1	5141	10.	194143.3	-1146.0
4872	9.5	185830.4	-1131.2	4962	9.4	191249.1	-1123.0	5052	9.3	192831.0	-1157.5	5142	9.9	194144.1	-1137.9
4873	9.4	185858.4	-1132.5	4963	9.0	191325.3	-1118.5	5053	9.6	192832.9	-1142.6	5143	7.2	194144.8	-1145.9
4874	9.5	185922.1	-1111.7	4964	9.0	191330.8	-1112.7	5054	8.8	192834.9	-1133.2	5144	7.7	194151.8	-1105.0
4875	9.0	185941.4	-1132.0	4965	9.8	191335.7	-1134.2	5055	8.9	192839.5	-1141.1	5145	9.5	194224.4	-1135.0
4876	9.2	185948.2	-1120.6	4966	9.4	191344.7	-1147.3	5056	9.8	192850.5	-1154.4	5146	9.0	194235.0	-1108.7
4877	9.0	185956.6	-1112.6	4967	9.5	191354.0	-1142.0	5057	9.4	192852.7	-1156.3	5147	9.0	194236.0	-1109.1
4878	9.5	190016.1	-1103.9	4968	9.4	191403.4	-1130.6	5058	9.8	192909.4	-1120.2	5148	9.4	194240.9	-1148.6
4879	8.5	190025.8	-1124.9	4969	9.0	191417.4	-1131.1	5059	9.9	192918.6	-1130.6	5149	5.9	194248.0	-1107.3
4880	9.3	190030.3	-1159.2	4970	9.5	191428.0	-1115.8	5060	9.5	192932.7	-1100.4	5150	9.3	194256.9	-1107.1
4881	8.9	190032.6	-1143.1	4971	9.0	191431.0	-1112.9	5061	9.8	192941.2	-1139.8	5151	9.0	194314.2	-1124.2
4882	9.0	190113.4	-1134.0	4972	7.5	191431.8	-1153.5	5062	9.0	192945.5	-1120.6	5152	8.8	194319.7	-1139.2
4883	9.4	190118.2	-1118.0	4973	10.	191505.3	-1116.5	5063	8.8	192948.6	-1129.3	5153	9.5	194320.0	-1137.9
4884	9.5	190130.0	-1155.0	4974	9.8	191505.8	-1119.6	5064	9.0	193006.1	-1129.3	5154	9.2	194334.0	-1117.5
4885	9.0	190131.1	-1107.3	4975	9.8	191513.4	-1135.8	5065	9.4	193009.5	-1116.8	5155	9.5	194340.4	-1131.5
4886	9.3	190143.9	-1113.9	4976	10.	191521.3	-1130.9	5066	8.5	193023.6	-1128.2	5156	7.5	194342.5	-1118.4
4887	9.6	190145.7	-1102.9	4977	9.4	191529.4	-1148.5	5067	9.7	193036.4	-1147.1	5157	9.3	194345.3	-1145.1
4888	9.3	190156.6	-1113.4	4978	9.4	191538.5	-1134.6	5068	9.9	193037.7	-1138.5	5158	9.8	194346.6	-1139.3
4889	9.3	190210.3	-1159.4	4979	9.9	191540.8	-1119.7	5069	9.3	193124.3	-1151.2	5159	7.0	194408.2	-1115.1
4890	9.0	190212.8	-1110.5	4980	9.7	191545.3	-1132.9	5070	10.	193141.1	-1135.4	5160	7.7	194420.3	-1144.3
4891	9.8	190217.2	-1156.8	4981	9.0	191605.5	-1134.0	5071	9.0	193148.2	-1155.5	5161	9.8	194422.1	-1158.5
4892	9.1	190220.5	-1141.6	4982	9.8	191607.7	-1112.9	5072	9.0	193152.6	-1134.2	5162	7.8	194426.4	-1119.4
4893	9.0	190221.1	-1127.5	4983	9.7	191629.1	-1103.1	5073	9.5	193200.0	-1118.0	5163	9.8	194439.3	-1114.8
4894	9.8	190244.2	-1142.9	4984	9.5	191643.7	-1111.7	5074	9.4	193205.2	-1136.3	5164	9.7	194509.2	-1155.2
4895	9.2	190247.7	-1129.7	4985	9.5	191705.9	-1125.0	5075	8.5	193209.9	-1159.5	5165	9.8	194524.4	-1119.9
4896	9.2	190304.7	-1115.6	4986	8.2	191715.5	-1147.2	5076	9.3	193215.2	-1149.3	5166	9.5	194527.9	-1131.5
4897	9.5	190311.6	-1101.9	4987	8.9	191718.2	-1104.1	5077	9.3	193217.7	-1104.2	5167	9.3	194539.1	-1158.8
4898	9.1	190321.2	-1131.5	4988	9.8	191731.0	-1139.6	5078	8.8	193305.8	-1125.1	5168	9.0	194539.9	-1118.3
4899	9.6	190340.7	-1100.4	4989	9.5	191735.3	-1116.7	5079	9.2	193325.9	-1145.5	5169	9.3	194620.3	-1149.9
4900	9.3	190358.8	-1156.5	4990	8.9	191747.8	-1130.0	5080	9.5	193332.8	-1115.7	5170	9.5	194621.7	-1120.1
4901	9.3	190406.8	-1151.8	4991	9.0	191752.2	-1104.7	5081	9.4	193340.5	-1127.6	5171	9.5	194639.5	-1109.6
4902	9.5	190424.9	-1128.6	4992	8.5	191758.6	-1133.1	5082	9.7	193348.1	-1145.6	5172	10.	194652.1	-1150.0
4903	9.5	190426.3	-1127.3	4993	9.4	191803.5	-1129.9	5083	9.5	193350.2	-1148.9	5173	9.4	194712.0	-1104.8
4904	7.2	190440.3	-1147.2	4994	9.5	191805.5	-1150.8	5084	9.5	193351.7	-1102.2	5174	10.	194731.3	-1120.7
4905	9.2	190444.4	-1130.9	4995	9.4	191807.3	-1152.8	5085	8.5	193352.6	-1136.4	5175	9.0	194742.2	-1110.8
4906	9.4	190504.9	-1153.3	4996	9.6	191813.2	-1152.5	5086	8.5	193354.9	-1155.1	5176	9.1	194758.9	-1140.0
4907	9.8	190515.8	-1124.6	4997	8.2	191815.1	-1154.1	5087	9.1	193402.0	-1123.5	5177	9.2	194806.0	-1123.9
4908	9.0	190522.7	-1113.0	4998	9.2	191832.4	-1145.1	5088	9.0	193407.0	-1150.9	5178	9.1	194818.9	-1142.1
4909	9.0	190524.2	-1114.3	4999	8.8	191836.9	-1122.6	5089	9.5	193424.0	-1119.1	5179	9.5	194845.2	-1156.9
4910	9.1	190530.1	-1148.7	5000	9.5	191842.8	-1114.1	5090	9.5	193424.4	-1152.4	5180	9.8	194914.0	-1113.8

-11 5181 19h49m

-11 5540 21h02m

5181	9.5	194940.4	-1135.0	5271	9.8	200706.0	-1146.5	5361	10.	202525.2	-1123.1
5182	9.3	194951.9	-1139.6	5272	9.1	200707.2	-1115.6	5362	9.7	202529.1	-1122.5
5183	9.8	195017.4	-1140.6	5273	9.6	200713.8	-1139.9	5363	8.9	202532.7	-1156.1
5184	9.5	195042.0	-1119.4	5274	9.1	200723.5	-1136.0	5364	9.4	202630.1	-1110.8
5185	10.	195043.9	-1117.2	5275	9.8	200736.6	-1109.9	5365	8.7	202634.3	-1146.5
5186	9.2	195055.7	-1106.1	5276	10.	200736.6	-1112.3	5366	9.4	202639.3	-1132.7
5187	8.3	195057.1	-1151.8	5277	9.8	200751.5	-1138.9	5367	9.3	202639.6	-1156.0
5188	9.8	195111.2	-1126.1	5278	9.3	200811.3	-1129.0	5368	9.5	202647.1	-1124.0
5189	9.5	195124.5	-1130.1	5279	9.8	200819.9	-1159.8	5369	9.3	202649.6	-1124.0
5190	9.5	195127.7	-1122.5	5280	9.1	200824.6	-1112.3	5370	8.4	202722.8	-1150.3
5191	9.1	195145.6	-1107.7	5281	9.0	200828.4	-1141.5	5371	9.8	202741.6	-1143.4
5192	9.5	195153.0	-1142.5	5282	9.8	200831.6	-1126.4	5372	9.5	202748.6	-1107.7
5193	9.5	195159.9	-1140.7	5283	9.2	200848.1	-1123.5	5373	9.8	202801.3	-1141.4
5194	8.2	195242.3	-1152.4	5284	9.5	200852.5	-1142.9	5374	10.	202803.1	-1114.6
5195	10.	195251.9	-1109.4	5285	8.7	200859.9	-1125.0	5375	9.8	202810.0	-1116.0
5196	9.7	195251.9	-1149.4	5286	9.3	200905.1	-1132.7	5376	8.9	202844.6	-1108.0
5197	9.0	195253.5	-1155.9	5287	9.3	200913.9	-1158.1	5377	9.1	202853.0	-1106.2
5198	9.3	195304.2	-1134.8	5288	9.5	200929.1	-1117.3	5378	8.9	202920.8	-1134.5
5199	7.5	195317.6	-1110.5	5289	9.9	200945.0	-1128.4	5379	7.0	203000.1	-1131.8
5200	9.5	195329.5	-1159.0	5290	7.7	201007.0	-1102.7	5380	9.5	203031.9	-1115.0
5201	9.1	195329.6	-1113.7	5291	9.6	201010.6	-1118.0	5381	9.5	203102.7	-1116.4
5202	9.5	195334.5	-1133.9	5292	9.6	201036.7	-1112.0	5382	9.8	203126.9	-1147.0
5203	9.7	195346.8	-1149.6	5293	9.9	201043.4	-1149.0	5383	9.7	203143.4	-1104.6
5204	9.5	195424.0	-1134.7	5294	9.6	201054.0	-1101.0	5384	9.5	203200.8	-1135.1
5205	9.5	195426.1	-1110.5	5295	7.8	201108.2	-1114.9	5385	9.8	203215.5	-1126.4
5206	9.8	195430.0	-1148.7	5296	9.3	201132.9	-1145.7	5386	10.	203231.8	-1133.1
5207	8.5	195437.7	-1157.8	5297	9.4	201134.9	-1104.1	5387	9.5	203253.6	-1115.0
5208	9.6	195516.0	-1115.7	5298	9.6	201148.1	-1120.9	5388	9.5	203304.6	-1114.3
5209	9.2	195516.0	-1139.4	5299	9.6	201153.1	-1121.1	5389	9.5	203308.8	-1149.5
5210	10.	195528.1	-1122.3	5300	8.9	201202.0	-1135.4	5390	10.	203322.5	-1121.9
5211	9.4	195528.5	-1142.2	5301	9.4	201211.6	-1113.6	5391	9.6	203330.8	-1117.5
5212	10.	195530.2	-1135.0	5302	9.3	201212.0	-1142.1	5392	9.5	203332.2	-1117.5
5213	9.1	195543.1	-1113.0	5303	9.2	201241.9	-1106.3	5393	9.5	203349.7	-1147.8
5214	9.5	195551.6	-1104.0	5304	9.0	201256.1	-1110.9	5394	7.5	203349.8	-1127.5
5215	9.6	195610.9	-1100.1	5305	6.5	201303.5	-1126.5	5395	9.6	203400.6	-1101.2
5216	10.	195624.3	-1148.7	5306	9.8	201309.2	-1100.2	5396	9.8	203409.5	-1123.6
5217	8.6	195706.2	-1108.3	5307	9.0	201313.8	-1122.2	5397	9.5	203410.0	-1145.1
5218	9.0	195708.6	-1117.7	5308	9.9	201320.6	-1124.3	5398	9.5	203436.3	-1148.6
5219	9.5	195714.4	-1121.6	5309	8.7	201330.0	-1133.9	5399	9.5	203438.5	-1123.4
5220	9.7	195718.5	-1141.1	5310	9.7	201423.1	-1150.6	5400	9.5	203439.4	-1115.1
5221	9.8	195723.0	-1104.3	5311	9.5	201428.0	-1131.5	5401	7.5	203445.5	-1129.7
5222	9.1	195732.6	-1110.9	5312	9.6	201456.2	-1100.5	5402	7.8	203522.1	-1115.1
5223	9.4	195738.1	-1106.9	5313	8.8	201515.1	-1120.8	5403	9.9	203542.1	-1107.2
5224	9.7	195750.4	-1156.0	5314	9.3	201518.7	-1144.5	5404	9.1	203548.0	-1123.2
5225	9.9	195752.7	-1151.9	5315	9.7	201521.3	-1102.7	5405	9.6	203600.0	-1103.8
5226	9.6	195800.3	-1110.2	5316	9.3	201527.1	-1119.5	5406	9.6	203615.7	-1136.4
5227	9.5	195820.9	-1126.8	5317	7.8	201548.2	-1107.9	5407	9.7	203617.0	-1133.9
5228	9.5	195823.2	-1102.4	5318	9.5	201603.5	-1107.6	5408	8.0	203642.8	-1100.4
5229	9.5	195836.0	-1126.8	5319	9.0	201606.6	-1128.2	5409	8.4	203701.2	-1132.9
5230	8.9	195842.5	-1103.2	5320	9.8	201611.2	-1113.2	5410	9.8	203703.0	-1151.8
5231	8.5	195908.7	-1106.9	5321	9.3	201613.6	-1133.9	5411	10.	203716.7	-1126.2
5232	9.5	195909.3	-1108.5	5322	9.5	201639.0	-1149.0	5412	8.5	203717.1	-1137.8
5233	9.8	195928.1	-1111.2	5323	8.5	201642.0	-1157.8	5413	9.9	203721.5	-1152.7
5234	9.4	195932.0	-1136.6	5324	9.8	201644.1	-1123.3	5414	9.9	203741.1	-1145.2
5235	9.5	195933.9	-1145.5	5325	8.9	201657.3	-1139.6	5415	9.1	203747.0	-1154.4
5236	8.7	195939.2	-1110.0	5326	9.4	201711.5	-1129.8	5416	9.6	203757.8	-1144.3
5237	9.5	195948.8	-1148.7	5327	8.9	201728.1	-1147.9	5417	8.5	203809.6	-1132.9
5238	9.9	195949.9	-1102.9	5328	9.2	201732.7	-1110.9	5418	9.0	203811.0	-1152.2
5239	9.4	200014.6	-1125.2	5329	9.8	201748.8	-1135.8	5419	9.6	203841.4	-1102.8
5240	9.5	200032.5	-1129.1	5330	9.0	201812.0	-1153.4	5420	8.3	203843.2	-1114.6
5241	9.2	200112.1	-1133.6	5331	9.3	201812.8	-1143.4	5421	10.	203848.1	-1135.1
5242	9.8	200129.8	-1156.2	5332	8.3	201820.7	-1142.5	5422	9.4	203934.0	-1155.7
5243	9.5	200139.1	-1112.7	5333	9.2	201843.6	-1104.7	5423	9.5	203939.0	-1154.6
5244	9.9	200147.1	-1143.9	5334	9.2	201907.6	-1111.5	5424	9.8	203947.4	-1141.1
5245	8.9	200208.8	-1146.5	5335	9.8	201923.8	-1100.1	5425	9.6	203958.0	-1156.3
5246	9.5	200215.5	-1140.9	5336	9.5	201938.2	-1104.1	5426	9.9	204009.2	-1120.6
5247	9.7	200217.9	-1135.5	5337	9.8	202008.0	-1116.0	5427	9.3	204016.7	-1107.9
5248	9.9	200302.6	-1119.7	5338	9.5	202009.1	-1121.6	5428	9.9	204019.6	-1136.1
5249	8.8	200312.5	-1135.1	5339	8.7	202010.6	-1124.0	5429	9.4	204036.1	-1104.6
5250	9.8	200320.7	-1159.2	5340	9.6	202032.6	-1112.3	5430	10.	204038.6	-1137.0
5251	9.6	200322.0	-1111.6	5341	8.2	202040.5	-1133.4	5431	9.6	204043.8	-1105.7
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5253	9.6	200405.7	-1155.7	5343	8.5	202047.8	-1141.6	5433	9.3	204121.5	-1100.7
5254	7.6	200409.1	-1108.7	5344	9.0	202115.6	-1124.4	5434	7.8	204129.0	-1159.3
5255	9.3	200416.4	-1138.4	5345	9.9	202135.0	-1117.2	5435	9.6	204134.2	-1157.2
5256	8.7	200419.2	-1145.5	5346	9.0	202212.1	-1114.3	5436	9.7	204231.4	-1104.2
5257	8.8	200446.5	-1135.9	5347	8.5	202218.5	-1134.8	5437	9.5	204300.7	-1121.0
5258	7.7	200448.7	-1116.6	5348	9.8	202218.9	-1118.2	5438	9.9	204301.5	-1109.5
5259	8.8	200449.9	-1100.3	5349	9.0	202309.6	-1125.6	5439	9.7	204307.3	-1102.4
5260	9.1	200453.2	-1132.7	5350	9.5	202310.2	-1108.9	5440	9.5	204322.7	-1102.2
5261	9.2	200522.1	-1111.2	5351	8.8	202311.1	-1150.4	5441	9.5	204326.9	-1110.0
5262	9.5	200534.6	-1127.2	5352	9.5	202334.7	-1140.5	5442	9.5	204328.6	-1157.3
5263	9.5	200534.8	-1131.0	5353	10.	202344.7	-1136.5	5443	9.8	204331.1	-1139.2
5264	9.4	200535.0	-1159.3	5354	10.	202400.8	-1100.6	5444	10.	204335.1	-1103.6
5265	9.8	200555.6	-1121.9	5355	9.4	202403.1	-1133.7	5445	9.6	204342.6	-1123.5
5266	9.7	200619.0	-1139.2	5356	9.6	202442.1	-1119.2	5446	9.1	204403.7	-1113.4
5267	9.8	200624.6	-1120.5	5357	9.7	202442.8	-1146.2	5447	7.2	204404.9	-1158.9
5268	9.2	200644.5	-1118.3	5358	10.	202454.0	-1129.3	5448	9.0	204408.6	-1157.5
5269	7.5	200651.1	-1119.1	5359	9.5	202514.6	-1112.1	5449	9.7	204415.4	-1125.7
5270	9.8	200656.5	-1132.9	5360	10.	202518.5	-1138.5	5450	9.5	204456.6	-1133.8
5451	9.5	204458.5	-1133.7								
5452	10.	204515.6	-1150.7								
5453	9.4	204534.7	-1111.2								
5454	9.1	204545.6	-1139.8								
5455	9.5	204559.1	-1122.6								
5456	7.2	204609.2	-1128.3								
5457	10.	204616.1	-1124.6								
5458	9.5	204616.1	-1135.4								
5459	9.4	204619.6	-1128.9								
5460	8.9	204632.1	-1122.4								
5461	8.9	204634.8	-1145.4								
5462	9.7	204644.2	-1151.6								
5463	8.0	204729.1	-1152.0								
5464	9.8	204735.7	-1139.6								
5465	9.0	204744.9	-1125.6								
5466	9.5	204749.3	-1115.3								
5467	9.8	204750.0	-1103.5								
5468	9.2	204756.2	-1135.9								
5469	9.5	204803.2	-1135.2								
5470	9.3	204803.7	-1120.0								
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5472	9.4	204829.2	-1151.3								
5473	9.5	204838.8	-1120.4								
5474	9.2	204858.5	-1109.3								
5475	9.7	204902.2	-1158.5								
5476	9.8	204911.2	-1154.9								
5477	9.4	204953.2	-1105.6								
5478	9.0	205013.7	-1108.4								
5479	9.9	205020.2	-1107.4								
5480	9.6	205025.6	-1139.3								
5481	9.8	205042.9	-1120.1								
5482	9.4	205050.7	-1120.5								
5483	9.9	205103.6	-1147.7								
5484	8.7	205120.7	-1116.5								
5485	9.1	205127.7	-1115.8								
5486	9.4	205137.6	-1126.7								
5487	9.4	205145.2	-1114.7								
5488	9.8	205147.8	-1100.2								
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5491	7.1	205216.2	-1111.1								
5492	8.0	205226.4	-1134.2								
5493	9.0	205238.7	-1135.5								
5494	9.1	205244.8	-1150.0								
5495	9.5	205311.5	-1154.0								
5496	9.2	205312.4	-1130.3								
5497	10.	205319.7	-1119.6								
5498	8.9	205328.2	-1118.7								
5499	9.4	205347.6	-1159.3								
5500	9.7	205350.0	-1106.3								
5501	9.6	205408.1	-1153.7								
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5504	8.9	205459.2	-1128.4								
5505	9.5	205459.2	-1141.0								
5506	9.0	205509.1	-1137.8								
5507	8.6	205515.2	-1136.9								
5508	9.4	205532.0	-1124.0								
5509	9.0	205557.1	-1144.5								
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5515	8.5	205706.1	-1139.6								
5516	8.9	205707.3	-1105.9								
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5518	9.8	205735.8	-1146.3								
5519	9.8	205740.8	-1114.6								
5520	10.	205742.2	-1118.7								
5521	10.	205750.1	-1151.7								
5522	9.1	205750.7	-1137.3								
5523	9.8	205754.1	-1152.4								
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5525	9.1	205758.9	-1149.8								
5526	9.8	205803.2	-1142.7								
5527	9.4	205826.2	-1120.7								
5528	10.5	205840.7	-1136.5								
5529	9.4	205921.1	-1156.3								
5530	8.2	205940.0	-1150.0								
5531	10.	210019.3	-1142.0								
5532	9.5	210059.2	-1135.5								
5533	8.1	210110.2	-1123.7								
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5535	9.8	210136.1	-1117.5								
5536	9.8	210136.9	-1149.1								
5537	9.5	210137.4	-1131.7								
5538	5.2	210141.2	-1157.6								
5539	9.2	210218.1	-1139.1								
5540	9.6	210230.2	-1117.7								

-11 5541 21h03m

-11 5900 22h35m

5541	9.3	210301.1	-1138.8	5631	9.3	212939.1	-1104.2	5721	9.8	215042.8	-1107.6
5542	9.5	210427.7	-1104.4	5632	8.6	212945.4	-1140.3	5722	9.3	215048.3	-1134.5
5543	9.3	210430.2	-1127.8	5633	9.8	213017.2	-1120.9	5723	9.8	215106.6	-1157.3
5544	9.3	210452.8	-1106.4	5634	9.0	213020.1	-1105.5	5724	8.2	215114.6	-1158.3
5545	9.2	210454.5	-1114.6	5635	9.0	213021.0	-1133.1	5725	9.5	215118.1	-1131.2
5546	9.6	210455.2	-1137.5	5636	9.2	213028.3	-1110.9	5726	7.5	215159.3	-1100.2
5547	9.4	210505.2	-1137.1	5637	9.8	213046.7	-1135.7	5727	10.	215222.9	-1117.9
5548	9.8	210544.4	-1159.5	5638	10.	213051.0	-1129.2	5728	9.8	215228.2	-1136.3
5549	8.8	210558.0	-1122.2	5639	9.3	213132.6	-1105.7	5729	8.6	215235.6	-1111.0
5550	10.	210558.4	-1159.5	5640	6.3	213140.4	-1113.8	5730	9.4	215255.7	-1146.2
5551	9.8	210601.3	-1154.1	5641	9.5	213145.4	-1119.6	5731	9.3	215321.4	-1152.3
5552	8.6	210609.2	-1146.7	5642	9.4	213156.4	-1152.3	5732	9.3	215336.5	-1116.2
5553	6.5	210625.2	-1112.4	5643	8.8	213200.2	-1149.8	5733	9.1	215405.2	-1109.2
5554	9.8	210629.7	-1132.1	5644	9.1	213216.5	-1159.0	5734	9.5	215446.5	-1142.7
5555	9.7	210643.2	-1101.3	5645	8.5	213221.7	-1127.3	5735	9.1	215501.2	-1121.6
5556	9.9	210726.1	-1119.8	5646	9.6	213234.2	-1124.7	5736	9.3	215537.8	-1151.6
5557	9.3	210736.3	-1103.1	5647	9.0	213252.6	-1108.5	5737	9.3	215611.3	-1118.6
5558	9.5	210800.6	-1122.9	5648	8.5	213319.2	-1126.2	5738	9.5	215620.6	-1156.4
5559	9.5	210843.2	-1136.8	5649	9.8	213334.8	-1159.0	5739	9.5	215625.8	-1144.1
5560	9.6	210851.3	-1141.0	5650	10.	213421.4	-1111.0	5740	9.3	215629.7	-1120.2
5561	9.8	210930.3	-1147.2	5651	8.8	213440.2	-1143.5	5741	9.4	215649.3	-1135.4
5562	9.8	210941.4	-1157.4	5652	9.2	213510.5	-1118.3	5742	8.7	215653.7	-1135.0
5563	9.0	211004.5	-1125.0	5653	8.7	213545.6	-1147.8	5743	9.8	215708.6	-1148.3
5564	9.5	211031.8	-1138.1	5654	9.2	213606.9	-1142.2	5744	9.7	215753.9	-1148.6
5565	9.5	211038.2	-1127.3	5655	9.8	213608.2	-1136.3	5745	9.5	215802.2	-1146.2
5566	9.0	211053.8	-1113.6	5656	9.8	213611.7	-1139.6	5746	9.5	215808.8	-1126.5
5567	9.5	211059.5	-1120.9	5657	8.5	213630.3	-1126.5	5747	9.3	215811.5	-1130.3
5568	9.3	211129.6	-1118.1	5658	9.8	213654.1	-1159.9	5748	9.9	215829.7	-1104.9
5569	9.2	211133.7	-1134.6	5659	10.	213703.4	-1102.1	5749	9.6	215836.4	-1102.0
5570	10.	211141.2	-1136.4	5660	9.7	213713.3	-1102.1	5750	10.	215905.0	-1152.0
5571	9.8	211151.2	-1132.8	5661	9.2	213717.8	-1124.0	5751	9.1	215908.9	-1106.7
5572	8.8	211216.1	-1105.2	5662	9.9	213743.0	-1143.2	5752	10.	215912.2	-1106.5
5573	9.7	211223.2	-1139.9	5663	9.9	213803.9	-1154.8	5753	9.5	215914.3	-1140.7
5574	8.6	211224.5	-1124.8	5664	9.4	213820.7	-1150.8	5754	9.3	215919.8	-1140.5
5575	9.9	211229.3	-1148.5	5665	10.	213828.8	-1149.0	5755	9.7	215932.4	-1142.0
5576	9.4	211251.8	-1147.9	5666	10.	213836.8	-1159.7	5756	6.8	215933.4	-1109.1
5577	9.3	211255.1	-1141.8	5667	8.3	213839.9	-1128.7	5757	9.8	215938.7	-1123.4
5578	8.0	211257.5	-1157.7	5668	10.	213841.2	-1138.8	5758	9.9	215959.1	-1126.1
5579	9.5	211316.8	-1131.6	5669	9.7	213933.8	-1150.0	5759	9.2	220014.5	-1138.0
5580	9.8	211403.4	-1147.6	5670	9.7	213936.4	-1148.6	5760	9.1	220024.8	-1137.5
5581	9.5	211418.7	-1107.9	5671	9.2	214005.9	-1156.8	5761	9.4	220029.1	-1129.3
5582	9.6	211443.8	-1124.4	5672	9.8	214044.6	-1106.5	5762	9.5	220041.8	-1121.9
5583	8.7	211518.2	-1150.5	5673	9.0	214044.8	-1138.0	5763	9.8	220109.9	-1159.8
5584	8.3	211520.8	-1112.4	5674	9.4	214057.3	-1148.0	5764	9.8	220119.2	-1149.0
5585	10.	211524.5	-1156.2	5675	9.4	214102.4	-1151.8	5765	8.7	220124.5	-1113.9
5586	9.8	211531.4	-1143.4	5676	9.3	214111.4	-1140.2	5766	9.1	220201.9	-1140.2
5587	9.0	211555.0	-1118.8	5677	9.4	214211.7	-1142.0	5767	9.5	220214.2	-1145.7
5588	9.1	211624.7	-1114.0	5678	9.8	214238.2	-1103.3	5768	9.5	220229.0	-1125.0
5589	9.0	211644.7	-1134.6	5679	9.4	214239.0	-1134.6	5769	9.5	220234.7	-1106.5
5590	9.9	211654.4	-1149.1	5680	9.7	214240.7	-1104.8	5770	6.5	220248.0	-1151.7
5591	9.8	211656.2	-1112.0	5681	9.0	214257.9	-1125.7	5771	8.9	220248.9	-1146.2
5592	9.5	211702.3	-1107.8	5682	8.3	214309.0	-1119.2	5772	9.1	220250.3	-1111.8
5593	9.9	211750.0	-1152.5	5683	9.3	214338.4	-1123.8	5773	10.	220308.4	-1139.8
5594	9.0	211751.0	-1108.9	5684	9.3	214359.7	-1142.9	5774	9.5	220319.9	-1106.0
5595	9.9	211801.3	-1121.5	5685	9.5	214402.0	-1119.1	5775	8.5	220350.6	-1144.5
5596	9.2	211823.4	-1117.5	5686	10.	214407.0	-1119.2	5776	10.	220425.9	-1100.8
5597	9.6	211835.7	-1144.7	5687	9.5	214412.0	-1156.0	5777	7.3	220433.1	-1146.7
5598	8.2	211835.7	-1132.3	5688	9.8	214450.7	-1104.0	5778	8.3	220455.8	-1108.5
5599	10.	211839.1	-1101.3	5689	9.8	214457.6	-1142.3	5779	9.6	220507.1	-1137.5
5600	10.	211852.4	-1138.4	5690	6.8	214515.0	-1114.3	5780	9.5	220514.8	-1135.3
5601	9.6	211933.5	-1124.7	5691	9.5	214536.0	-1146.1	5781	9.0	220525.3	-1153.5
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5607	9.8	212156.5	-1124.0	5697	10.	214650.4	-1156.4	5787	9.4	220735.5	-1143.6
5608	9.4	212158.5	-1135.4	5698	9.7	214658.5	-1106.7	5788	10.	220738.9	-1118.4
5609	9.1	212203.4	-1151.9	5699	10.	214709.3	-1145.2	5789	9.5	220821.9	-1103.1
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5611	9.6	212257.9	-1149.2	5701	9.3	214728.1	-1122.4	5791	9.0	220859.0	-1154.6
5612	10.	212314.9	-1133.9	5702	9.8	214733.0	-1128.0	5792	8.7	220900.1	-1114.7
5613	9.4	212332.1	-1128.4	5703	9.7	214749.5	-1150.2	5793	9.2	220904.1	-1109.0
5614	9.5	212334.8	-1158.5	5704	9.0	214809.1	-1107.2	5794	9.5	220920.7	-1121.6
5615	9.7	212357.6	-1140.7	5705	9.0	214813.6	-1156.2	5795	9.8	220923.9	-1124.5
5616	9.7	212359.8	-1143.7	5706	9.4	214814.7	-1101.7	5796	9.5	220932.0	-1120.2
5617	9.8	212402.1	-1146.7	5707	9.3	214817.5	-1135.8	5797	9.0	220940.1	-1159.5
5618	9.1	212428.8	-1109.8	5708	9.8	214827.8	-1104.1	5798	9.2	220955.3	-1130.1
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5620	9.9	212543.5	-1122.0	5710	10.	214837.6	-1156.3	5800	10.	221010.3	-1104.8
5621	9.9	212602.7	-1120.9	5711	9.6	214913.4	-1117.7	5801	9.8	221011.5	-1124.2
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5623	9.1	212632.7	-1133.8	5713	9.4	214921.4	-1118.4	5803	9.3	221035.1	-1112.4
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5627	9.6	212825.3	-1115.1	5717	9.7	214944.2	-1159.1	5807	8.8	221135.1	-1131.0
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5813	10.	221347.6	-1123.4								
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5867	9.1	222642.2	-1100.2								
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5871	9.0	222725.6	-1158.5								
5872	9.5	222728.1	-1126.5								
5873	9.8	222745.0	-1131.6								
5874	10.	222806.2	-1138.8								
5875	8.6	222859.8	-1102.3								
5876	9.2	222907.4	-1147.5								
5877	9.8	222918.1	-1130.3								
5878	9.2	222919.0	-1147.2								
5879	9.8	222928.1	-1113.0								
5880	8.6	222935.4	-1101.2								
5881	9.4	222941.7	-1103.7								
5882	10.	222954.6	-1157.7								
5883	10.	222955.2	-1123.7								
5884	9.6	223012.5	-1142.0								
5885	9.4	223032.5	-1151.1								
5886	9.9	223052.6	-1144.4								
5887	10.	223057.2	-1144.0								
5888	9.9	223058.8	-1135.4								
5889	9.1	223124.1	-1144.9								
5890	10.	223152.7	-1148.1								
5891	9.4	223308.3	-1102.9								
5892	9.1	223322.4	-1111.0								
5893	9.5	223323.7	-1113.9								
5894	9.5	223352.7	-1111.2								
5895	9.8	223355.8	-1150.4								
5896	9.4	223417.0	-1122.8								
5897	9.5	223426.2	-1105.9								
5898	9.7	223438.3	-1101.2								
5899	9.0	223444.1	-1107.4								
5900	9.3	223503.9	-1100.3								

5901	9.3	223506.8	-1154.5	5991	9.7	225634.6	-1141.2	6081	10.	232100.8	-1105.1
5902	9.7	223517.2	-1142.0	5992	10.	225639.9	-1103.9	6082	9.5	232106.1	-1126.9
5903	9.4	223523.5	-1124.4	5993	9.5	225653.1	-1117.7	6083	9.1	232117.3	-1158.6
5904	9.5	223540.3	-1132.9	5994	10.	225701.9	-1144.8	6084	9.4	232146.5	-1116.3
5905	9.0	223554.2	-1120.1	5995	10.	225740.5	-1108.1	6085	9.8	232156.2	-1142.9
5906	9.3	223605.5	-1152.3	5996	8.0	225814.7	-1140.3	6086	9.0	232211.6	-1133.9
5907	9.0	223643.3	-1116.1	5997	7.3	225818.5	-1113.3	6087	9.6	232216.9	-1111.5
5908	9.7	223645.2	-1140.6	5998	9.1	225827.5	-1109.5	6088	8.5	232244.4	-1114.9
5909	8.9	223726.6	-1115.6	5999	9.1	225844.4	-1112.4	6089	9.5	232358.5	-1101.9
5910	9.5	223812.5	-1109.7	6000	10.	225906.0	-1106.3	6090	8.6	232418.6	-1140.2
5911	9.3	223823.9	-1117.6	6001	9.5	225914.3	-1146.8	6091	9.6	232422.4	-1158.2
5912	7.2	223835.1	-1155.5	6002	9.4	225945.2	-1150.3	6092	8.6	232425.3	-1147.6
5913	10.	223841.5	-1121.1	6003	9.5	230024.9	-1138.2	6093	9.8	232437.5	-1115.8
5914	9.6	223907.2	-1159.0	6004	9.6	230046.3	-1153.7	6094	9.0	232443.9	-1111.7
5915	9.8	223920.1	-1117.7	6005	10.	230048.1	-1115.1	6095	9.2	232447.8	-1150.5
5916	10.	223921.4	-1109.6	6006	9.5	230104.2	-1140.1	6096	9.1	232450.9	-1157.9
5917	9.8	223925.9	-1118.9	6007	9.6	230109.4	-1127.5	6097	9.8	232453.9	-1101.8
5918	10.	223927.9	-1154.0	6008	9.5	230118.3	-1116.8	6098	7.0	232454.8	-1147.8
5919	9.5	224010.2	-1139.8	6009	9.5	230123.8	-1106.8	6099	9.3	232538.9	-1103.7
5920	9.7	224043.6	-1158.5	6010	10.	230124.6	-1124.2	6100	10.	232608.1	-1120.0
5921	9.4	224043.8	-1128.9	6011	8.7	230133.0	-1128.5	6101	9.7	232648.9	-1101.8
5922	9.6	224044.4	-1108.5	6012	9.5	230141.9	-1130.9	6102	9.5	232656.2	-1131.5
5923	6.3	224052.5	-1119.1	6013	9.3	230149.3	-1107.9	6103	9.5	232658.0	-1108.9
5924	9.7	224056.4	-1102.6	6014	8.8	230157.5	-1158.0	6104	9.2	232710.6	-1138.4
5925	10.	224109.7	-1134.7	6015	8.0	230222.6	-1118.3	6105	9.0	232713.8	-1110.2
5926	10.	224116.9	-1113.5	6016	10.	230300.4	-1112.7	6106	8.9	232719.7	-1123.0
5927	9.8	224139.5	-1137.6	6017	9.4	230316.6	-1112.4	6107	9.1	232720.6	-1124.0
5928	10.	224144.1	-1130.0	6018	10.	230318.9	-1113.3	6108	9.3	232727.7	-1123.4
5929	10.	224154.0	-1126.3	6019	9.4	230327.6	-1147.1	6109	9.8	232740.0	-1147.8
5930	8.7	224158.8	-1144.6	6020	9.3	230330.0	-1127.4	6110	7.3	232757.1	-1121.4
5931	8.9	224207.9	-1149.9	6021	8.6	230355.9	-1118.1	6111	8.0	232827.3	-1129.2
5932	8.9	224228.9	-1102.2	6022	9.9	230412.6	-1153.9	6112	9.0	232830.2	-1130.3
5933	8.2	224229.6	-1110.4	6023	9.0	230503.5	-1107.5	6113	9.6	232859.6	-1139.2
5934	10.	224247.3	-1104.0	6024	9.4	230543.5	-1140.4	6114	9.7	232920.3	-1131.7
5935	10.	224251.8	-1133.8	6025	9.0	230602.8	-1124.0	6115	10.	232926.9	-1153.2
5936	9.3	224323.9	-1115.2	6026	9.9	230605.5	-1122.7	6116	9.1	232957.1	-1107.8
5937	9.0	224345.2	-1153.8	6027	8.0	230608.4	-1106.2	6117	9.4	233103.8	-1158.1
5938	9.0	224354.3	-1121.8	6028	9.5	230618.6	-1116.7	6118	9.3	233118.4	-1144.8
5939	9.4	224401.7	-1127.3	6029	9.1	230624.4	-1145.9	6119	9.4	233129.2	-1117.9
5940	8.5	224433.0	-1143.4	6030	9.1	230625.3	-1117.2	6120	10.	233133.3	-1130.2
5941	8.9	224522.7	-1112.1	6031	8.5	230657.0	-1114.7	6121	9.0	233225.9	-1143.9
5942	9.9	224527.4	-1136.7	6032	6.3	230707.3	-1128.5	6122	9.6	233229.7	-1115.0
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5944	8.8	224536.6	-1148.6	6034	9.4	230759.3	-1137.4	6124	9.6	233247.4	-1102.6
5945	9.7	224537.2	-1159.4	6035	9.1	230809.7	-1135.6	6125	8.8	233259.5	-1101.7
5946	8.2	224653.1	-1104.5	6036	8.8	230812.4	-1150.0	6126	10.	233324.5	-1147.1
5947	9.6	224718.2	-1100.5	6037	9.7	230820.6	-1121.5	6127	9.8	233358.4	-1144.7
5948	9.3	224719.4	-1117.0	6038	8.8	230821.5	-1109.3	6128	9.8	233437.5	-1115.1
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5951	10.	224814.1	-1123.9	6041	10.	230916.3	-1138.9	6131	8.9	233606.2	-1109.8
5952	8.7	224828.8	-1150.3	6042	8.3	230932.3	-1109.5	6132	8.9	233646.1	-1147.3
5953	8.1	224913.5	-1102.1	6043	9.4	231022.2	-1135.1	6133	9.9	233656.7	-1120.8
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5957	10.	224932.9	-1121.8	6047	10.	231131.0	-1140.9	6137	9.5	233911.3	-1132.5
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5989	10.	225557.1	-1120.9	6079	10.	232024.9	-1150.2	6169	9.4	235058.1	-1109.9
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6172	10.	235234.1	-1108.6								
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13	9.5	00412.5	-1210.5								
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23	10.	00701.7	-1209.5								
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25	10.	00725.9	-1240.3								
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27	9.1	00751.7	-1221.8								
28	8.1	00825.7	-1247.9								
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32	9.7	00924.1	-1203.2								
33	9.4	00925.4	-1255.9								
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53	9.0	01550.8	-1206.6								
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57	9.7	01718.0	-1256.4	147	9.5	04300.5	-1220.7	237	9.1	11024.5	-1252.7	327	9.4	13840.9	-1202.9
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59	7.8	01728.9	-1230.9	149	9.4	04358.4	-1209.3	239	9.7	11115.1	-1219.7	329	9.1	13904.3	-1246.3
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61	9.4	01824.5	-1243.0	151	10.	04420.8	-1225.4	241	9.5	11245.2	-1223.7	331	9.2	13943.4	-1252.9
62	9.9	01842.2	-1255.9	152	9.3	04424.5	-1218.0	242	9.5	11255.2	-1222.8	332	9.5	14042.1	-1223.5
63	8.5	01846.5	-1211.0	153	9.3	04435.0	-1236.6	243	7.8	11319.0	-1213.2	333	10.	14052.8	-1238.9
64	10.	01931.7	-1253.4	154	8.9	04456.8	-1239.5	244	10.	11321.4	-1249.5	334	9.8	14115.1	-1259.9
65	9.6	01933.5	-1220.5	155	9.5	04510.7	-1222.2	245	9.0	11329.3	-1232.6	335	9.0	14123.2	-1231.3
66	9.7	01953.6	-1224.0	156	9.4	04544.0	-1255.8	246	9.4	11335.5	-1220.4	336	9.8	14212.2	-1232.9
67	9.5	01955.6	-1247.1	157	9.2	04616.8	-1239.2	247	8.5	11423.2	-1220.6	337	9.4	14223.2	-1230.5
68	9.4	01957.0	-1251.9	158	10.	04655.5	-1201.9	248	9.4	11427.4	-1247.1	338	9.9	14229.7	-1259.6
69	9.1	02013.2	-1249.8	159	9.5	04716.2	-1242.1	249	9.5	11521.3	-1239.7	339	10.	14230.3	-1251.8
70	9.3	02025.7	-1223.0	160	9.5	04721.3	-1248.4	250	9.1	11608.2	-1216.5	340	9.0	14238.9	-1238.0
71	9.4	02038.3	-1231.8	161	9.2	04753.7	-1259.3	251	8.9	11618.4	-1227.9	341	9.1	14253.5	-1249.4
72	6.7	02039.1	-1227.2	162	6.0	04845.4	-1203.2	252	8.6	11637.8	-1209.6	342	9.4	14255.1	-1201.7
73	10.	02050.1	-1200.1	163	9.0	04850.2	-1219.1	253	9.2	11803.9	-1213.6	343	8.5	14320.0	-1251.5
74	9.1	02051.2	-1205.7	164	9.5	04908.8	-1248.0	254	8.9	11810.6	-1254.0	344	9.8	14343.2	-1256.4
75	6.7	02110.7	-1202.4	165	9.8	04934.8	-1221.8	255	8.8	11810.6	-1220.8	345	9.2	14353.1	-1221.4
76	9.3	02148.7	-1251.2	166	9.2	04937.5	-1208.6	256	10.	11827.1	-1259.4	346	8.8	14509.6	-1230.9
77	7.8	02149.1	-1224.0	167	9.1	05016.6	-1216.1	257	10.	11844.3	-1248.2	347	10.	14530.6	-1213.2
78	10.	02200.4	-1240.2	168	9.4	05029.1	-1210.1	258	9.4	11847.1	-1221.0	348	10.	14701.3	-1258.8
79	10.	02210.2	-1221.7	169	9.5	05044.0	-1207.2	259	8.8	11902.4	-1258.4	349	7.8	14708.2	-1220.6
80	9.4	02210.6	-1218.1	170	8.7	05109.6	-1250.1	260	9.0	11928.4	-1224.1	350	8.0	14714.0	-1234.1
81	9.3	02316.4	-1213.0	171	10.	05118.5	-1252.9	261	9.4	11943.4	-1224.5	351	10.	14745.2	-1256.7
82	10.	02325.4	-1231.3	172	9.7	05120.2	-1238.6	262	9.5	12014.9	-1201.0	352	8.3	14747.7	-1213.4
83	8.0	02359.5	-1201.5	173	6.5	05128.1	-1209.4	263	9.5	12018.2	-1253.0	353	9.6	14834.8	-1222.5
84	8.4	02410.1	-1204.4	174	10.	05134.1	-1226.1	264	9.1	12035.8	-1242.5	354	9.6	14851.5	-1214.9
85	10.	02418.2	-1226.5	175	10.	05209.2	-1236.4	265	7.3	12106.2	-1259.6	355	9.1	14900.1	-1244.7
86	10.	02441.3	-1206.8	176	9.1	05211.5	-1240.1	266	10.	12107.9	-1209.8	356	9.7	14910.7	-1245.0
87	9.2	02441.4	-1215.8	177	9.2	05224.0	-1243.4	267	7.7	12126.0	-1216.5	357	9.7	14929.4	-1257.5
88	9.6	02448.2	-1206.0	178	9.4	05227.7	-1213.1	268	8.9	12202.0	-1222.3	358	8.8	14950.9	-1256.4
89	10.	02506.9	-1255.7	179	9.0	05258.7	-1248.1	269	10.	12204.8	-1257.5	359	9.1	14952.8	-1223.0
90	9.5	02512.7	-1252.6	180	9.7	05301.7	-1209.6	270	9.5	12211.5	-1214.9	360	9.8	14954.8	-1230.9
91	9.1	02514.2	-1237.6	181	10.	05303.4	-1255.5	271	9.5	12221.5	-1204.9	361	9.3	15023.3	-1254.1
92	10.	02551.5	-1208.6	182	9.4	05303.4	-1219.5	272	9.8	12227.5	-1201.8	362	9.9	15026.7	-1230.2
93	9.7	02603.3	-1238.0	183	8.1	05315.3	-1258.5	273	9.8	12246.9	-1229.8	363	9.3	15040.4	-1257.2
94	8.5	02703.8	-1205.2	184	9.5	05330.3	-1235.5	274	10.	12259.7	-1252.1	364	8.6	15050.1	-1240.1
95	10.	02744.2	-1245.0	185	9.2	05349.1	-1211.0	275	9.5	12319.5	-1206.1	365	8.2	15125.7	-1244.8
96	9.5	02754.2	-1224.5	186	9.5	05402.5	-1226.2	276	9.4	12330.4	-1209.0	366	8.9	15127.8	-1204.4
97	9.7	02808.6	-1215.0	187	10.	05426.5	-1248.5	277	9.5	12332.0	-1211.9	367	6.3	15139.3	-1200.2
98	9.3	02814.1	-1237.4	188	9.4	05430.6	-1255.1	278	9.6	12346.6	-1203.3	368	8.1	15212.7	-1236.1
99	8.8	02901.5	-1205.6	189	9.4	05441.0	-1220.8	279	9.4	12417.6	-1217.8	369	9.6	15306.0	-1257.6
100	8.8	02930.4	-1228.0	190	8.6	05451.5	-1202.2	280	9.8	12421.1	-1210.9	370	9.7	15330.7	-1217.8
101	9.3	02948.7	-1212.7	191	10.	05454.3	-1235.9	281	9.0	12451.6	-1226.4	371	10.	15428.6	-1227.4
102	9.4	02951.2	-1205.6	192	10.	05509.6	-1255.1	282	9.6	12540.5	-1220.3	372	8.5	15444.6	-1242.6
103	9.2	02953.5	-1226.3	193	9.4	05545.5	-1201.7	283	10.	12550.6	-1222.9	373	7.8	15448.9	-1231.2
104	9.3	03017.1	-1200.4	194	9.3	05613.4	-1257.0	284	10.	12613.4	-1249.8	374	9.3	15450.5	-1240.1
105	9.5	03018.9	-1234.3	195	9.7	05631.5	-1242.2	285	9.3	12616.4	-1230.0	375	9.2	15527.2	-1235.7
106	9.3	03024.5	-1252.6	196	8.2	05633.3	-1226.8	286	8.5	12633.5	-1257.6	376	9.4	15542.0	-1223.0
107	9.7	03105.0	-1256.1	197	9.5	05654.2	-1224.8	287	9.1	12636.1	-1220.3	377	9.5	15549.0	-1255.0
108	9.6	03109.8	-1242.1	198	10.	05734.5	-1242.1	288	9.1	12640.7	-1236.8	378	9.2	15616.1	-1212.5
109	8.8	03113.5	-1258.3	199	10.	05738.7	-1255.6	289	9.5	12645.5	-1258.5	379	9.5	15628.6	-1225.0
110	9.4	03132.9	-1235.0	200	9.5	05754.5	-1241.6	290	10.	12656.1	-1206.9	380	10.	15631.3	-1221.7
111	9.6	03147.4	-1225.4	201	9.1	05811.7	-1212.4	291	9.9	12730.2	-1203.4	381	8.5	15703.1	-1259.9
112	9.6	03147.4	-1215.7	202	10.	05819.2	-1222.4	292	8.5	12751.4	-1249.8	382	6.4	15707.3	-1233.0
113	9.3	03154.0	-1216.8	203	9.5	05841.8	-1202.3	293	9.0	12820.8	-1235.8	383	9.1	15710.4	-1200.3
114	9.0	03155.8	-1235.7	204	9.5	05956.8	-1257.2	294	8.8	12827.3	-1241.0	384	9.5	15717.5	-1215.0
115	9.5	03200.0	-1256.2	205	9.3	10014.8	-1252.3	295	9.5	12834.1	-1215.2	385	9.3	15718.4	-1247.5
116	9.5	03206.6	-1255.8	206	10.	10044.4	-1231.8	296	9.3	12837.9	-1206.8	386	9.6	15745.5	-1215.1
117	8.5	03327.2	-1209.9	207	9.8	10047.8	-1216.5	297	9.2	12838.1	-1227.0	387	9.2	15830.0	-1219.5
118	10.	03335.6	-1259.4	208	10.	10048.1	-1243.4	298	10.	13018.8	-1253.6	388	9.1	15918.4	-1245.3
119	9.2	03442.5	-1227.2	209	7.8	10056.5	-1256.7	299	9.7	13033.1	-1202.7	389	10.	15944.3	-1230.5
120	9.2	03445.1	-1252.3	210	8.5	10148.0	-1252.2	300	10.	13139.5	-1226.4	390	10.	20001.0	-1248.1
121	7.0	03454.8	-1235.9	211	10.	10206.4	-1225.5	301	9.2	13144.1	-1249.3	391	9.4	20005.6	-1213.6
122	8.9	03504.4	-1256.9	212	9.1	10209.3	-1253.5	302	9.3	13154.7	-1216.2	392	9.1	20006.2	-1216.8
123	9.3	03530.5	-1230.8	213	7.5	10222.5	-1227.0	303	10.	13210.6	-1244.1	393	8.2	20007.1	-1222.6
124	9.1	03603.2	-1252.8	214	9.4	10309.9	-1225.2	304	8.4	13211.5	-1246.6	394	9.2	20023.8	-1217.0
125	9.1	03610.9	-1242.0	215	10.	10319.9	-1210.9	305	9.1	13259.7	-1252.4	395	8.3	20104.9	-1234.4
126	6.0	03632.0	-1248.0	216	8.3	10332.5	-1247.7	306	9.0	13259.8	-1212.4	396	10.	20131.0	-1244.0
127	9.6	03738.7	-1254.5	217	8.1	10347.4	-1209.5	307	8.8	13305.3	-1235.2	397	9.5	20152.7	-1218.1
128	7.8	03742.3	-1256.5	218	9.5	10417.9	-1214.9	308	9.5	13313.2	-1207.0	398	10.	20157.2	-1256.4
129	10.	03827.2	-1231.5	219	10.	10424.3	-1212.2	309	9.0	13314.8	-1202.7	399	10.	20206.6	-1210.7
130	9.5	03843.3	-1232.1	220	9.0	10440.3	-1229.4	310	9.3	13328.3	-1219.5	400	9.6	20239.5	-1239.0
131	10.	03844.8	-1236.5	221	9.7	10443.8	-1241.3	311	9.0	13334.8	-1217.5	401	9.8	20253.7	-1226.4
132	7.3	03856.3	-1214.2	222	9.1	10507.1	-1250.0	312	9.6	13343.5	-1257.6	402	9.3	20259.5	-1243.9
133	10.	03941.5	-1239.1	223	10.	10512.7	-1236.7	313	9.0	13411.8	-1252.9	403	8.8	20329.4	-1216.5
134	9.9	03946.4	-1240.2	224	9.3	10520.6	-1250.8	314	9.5	13430.3	-1226.3	404*	9.1	20343.6	-1242.6
135	9.5	03948.9	-1255.7	225	10.	10554.9	-1245.7	315	5.8	13434.8	-1202.4	405	9.6	20355.2	-1200.9
136	10.	04058.5	-1220.8	226	8.3	10628.2	-1242.0	316	9.8	13440.1	-1239.8	406	9.7	20404.1	-1241.8
137	10.	04104.9	-1210.7	227	8.4	10650.9	-1236.3	317	9.8	13502.3	-1202.1	407	10.	20441.9	-1257.8
138	10.	04123.4	-1209.2	228	9.9	10707.0	-1240.5	318	9.1	13539.4	-1215.6	408	9.9	20546.3	-1256.2
139	9.5	04124.8	-1205.0	229	9.8	10739.0	-1248.7	319	9.0	13541.1	-1253.7	409	10.	20603.7	-1229.2
140	9.5	04125.3	-1209.3	230	8.9	10834.6	-1218.4	320	9.4	13554.7	-1225.3	410	10.	20619.0	-1228.6
141	10.	04203.1	-1250.3	231	9.6	10851.5	-1212.2	321	8.5	13623.4	-1208.4	411	9.8	20632.2	-1219.5
142	9.0	04207.0	-1233.0	232	9.3	10859.8	-1257.1	322	7.3	13716.4	-1201.5	412	9.6	20648.5	-1228.6
143	9.0	04219.5	-1259.8	233	7.5	10910.9	-1251.7	323	8.5	13731.5	-1223.4	413	9.2	20705.0	-1222.6
144	10.	04223.7	-1226.2	234	9.4	10925.1	-1232.0	324	9.1	13732.3	-1200.1	414	9.8	20705.3	-1232.7

415	9.8	20725.7	-1215.0	505	9.2	23347.2	-1228.5	595	9.6	25957.1	-1210.8	685	9.6	33237.7	-1248.6
416	10.	20726.6	-1232.6	506	9.2	23424.0	-1212.7	596	9.4	30002.5	-1217.7	686	8.8	33259.8	-1209.0
417	9.4	20730.8	-1220.2	507	10.	23427.4	-1231.9	597	9.2	30005.9	-1234.9	687	8.7	33314.8	-1232.2
418	7.5	20810.0	-1243.5	508	9.9	23428.4	-1227.6	598	9.5	30037.9	-1214.9	688	9.1	33336.9	-1210.8
419	9.2	20819.4	-1253.2	509	9.3	23454.8	-1204.8	599	9.5	30052.6	-1252.2	689	6.8	33421.2	-1216.1
420	9.4	20830.8	-1217.1	510	8.9	23517.3	-1251.1	600	7.8	30105.2	-1235.9	690	9.5	33435.2	-1218.3
421	8.9	20838.9	-1222.6	511	9.0	23527.5	-1255.9	601	9.6	30110.4	-1228.2	691	9.5	33438.7	-1259.1
422	9.3	20903.0	-1252.4	512	9.0	23556.3	-1247.2	602	9.4	30147.5	-1249.6	692	9.8	33439.0	-1229.1
423	9.1	20929.4	-1233.4	513	9.3	23611.1	-1237.6	603	8.4	30219.6	-1217.1	693	10.	33453.4	-1211.4
424	9.3	21021.9	-1250.7	514	9.9	23615.9	-1259.2	604	9.5	30227.5	-1245.3	694	9.0	33509.7	-1248.5
425	9.4	21032.2	-1237.0	515	8.4	23644.6	-1230.7	605	9.4	30318.1	-1232.7	695	9.9	33516.4	-1234.9
426	9.9	21058.6	-1212.5	516	9.2	23653.2	-1218.8	606	8.9	30337.7	-1212.1	696	10.	33528.8	-1249.5
427	9.9	21104.9	-1245.7	517	8.8	23737.4	-1206.8	607	9.7	30401.8	-1228.6	697	9.8	33617.4	-1254.8
428	9.9	21111.7	-1229.8	518	9.4	23745.5	-1256.4	608	10.	30409.9	-1212.2	698	8.5	33629.9	-1210.5
429	9.4	21119.9	-1243.8	519	8.3	23814.9	-1246.6	609	9.4	30424.3	-1207.6	699	9.5	33632.3	-1201.6
430	9.8	21121.3	-1230.7	520	9.5	23818.8	-1244.1	610	9.1	30500.8	-1232.0	700	9.2	33641.0	-1226.8
431	9.3	21218.8	-1234.6	521	9.1	23841.3	-1239.6	611	9.0	30509.5	-1212.0	701	9.1	33727.7	-1248.0
432	9.5	21255.9	-1203.3	522	9.5	23948.1	-1208.8	612	9.5	30524.8	-1214.5	702	8.0	33738.3	-1231.0
433	9.8	21303.5	-1251.0	523	9.7	24039.4	-1232.5	613	9.4	30526.9	-1229.7	703	9.0	33753.9	-1214.8
434	9.5	21304.6	-1252.8	524	9.5	24051.7	-1218.4	614	8.7	30533.0	-1210.1	704	9.4	33824.8	-1258.6
435	9.7	21306.1	-1226.9	525	9.4	24108.2	-1221.9	615	9.2	30541.6	-1253.7	705	9.5	33825.0	-1231.9
436	7.5	21341.4	-1216.5	526	9.1	24225.0	-1247.1	616	9.8	30547.7	-1223.0	706	10.	33914.3	-1248.4
437	9.4	21348.7	-1259.2	527	9.7	24233.8	-1233.2	617	9.5	30632.6	-1231.1	707	4.3	33917.2	-1233.4
438	9.9	21357.1	-1254.3	528	9.8	24255.1	-1206.3	618	9.0	30638.0	-1203.7	708	9.0	33946.4	-1253.0
439	8.9	21414.6	-1251.9	529	9.5	24312.4	-1238.8	619	8.9	30703.5	-1248.3	709	10.	33955.8	-1256.2
440	9.8	21416.7	-1258.0	530	9.2	24323.7	-1254.9	620	9.7	30732.2	-1232.3	710	9.8	33956.6	-1242.1
441	8.1	21417.4	-1201.4	531	8.6	24324.2	-1207.6	621	9.3	30750.4	-1244.6	711	9.1	34032.9	-1253.5
442	8.5	21444.9	-1235.1	532	9.0	24333.1	-1208.3	622	9.4	30824.4	-1241.6	712	9.5	34105.7	-1243.3
443	9.8	21524.5	-1233.9	533	9.8	24352.3	-1248.2	623	9.4	30837.6	-1252.3	713	9.4	34110.7	-1210.4
444	9.8	21526.2	-1240.3	534	9.7	24400.2	-1229.5	624	9.5	30846.3	-1234.6	714	9.2	34111.3	-1248.8
445	9.8	21603.3	-1224.2	535	9.1	24426.7	-1205.9	625	9.2	30904.0	-1227.2	715	10.	34125.1	-1255.5
446	9.5	21736.6	-1222.9	536	9.3	24454.4	-1219.5	626	9.7	30909.2	-1233.9	716	8.5	34137.0	-1213.1
447	9.4	21737.0	-1236.6	537	9.1	24506.5	-1212.2	627	7.2	30920.8	-1231.5	717	9.3	34148.3	-1248.7
448	8.8	21737.4	-1229.2	538	9.3	24509.6	-1252.4	628	10.	30924.6	-1232.7	718	9.5	34200.6	-1220.9
449	9.6	21813.8	-1214.0	539	9.2	24525.5	-1242.3	629	9.8	30954.2	-1253.8	719	9.2	34202.6	-1230.3
450	9.5	21833.1	-1227.1	540	9.0	24540.2	-1233.5	630	9.5	31023.9	-1228.2	720	9.1	34222.0	-1203.0
451	4.7	21856.8	-1256.7	541	10.	24553.7	-1238.2	631	9.5	31036.7	-1254.5	721	9.9	34235.9	-1231.4
452	9.2	21909.3	-1231.1	542	9.8	24557.3	-1218.2	632	8.5	31052.5	-1245.4	722	9.8	34301.4	-1207.4
453	9.0	21940.3	-1231.6	543	9.4	24609.2	-1214.2	633	9.0	31054.3	-1223.5	723	9.5	34308.8	-1202.7
454	9.0	22023.7	-1242.0	544	9.1	24617.4	-1248.2	634	9.0	31211.2	-1256.0	724	10.	34315.5	-1253.2
455	9.6	22042.2	-1221.7	545	9.7	24621.6	-1231.5	635	9.1	31317.5	-1236.9	725	8.9	34324.0	-1210.8
456	8.4	22045.1	-1237.7	546	9.4	24627.4	-1221.3	636	9.9	31420.8	-1231.4	726	9.5	34335.8	-1233.8
457	8.0	22118.2	-1222.0	547	9.3	24633.3	-1227.0	637	9.5	31426.0	-1221.8	727	8.8	34340.3	-1247.0
458	9.6	22131.9	-1256.5	548	9.1	24637.2	-1205.2	638	9.5	31430.3	-1227.6	728	9.5	34342.6	-1236.5
459	9.5	22204.7	-1207.9	549	9.5	24645.1	-1258.8	639	9.8	31436.7	-1255.2	729	8.0	34345.1	-1226.0
460	9.5	22213.8	-1249.9	550	10.	24654.6	-1258.5	640	8.0	31505.8	-1251.0	730	9.6	34354.6	-1231.8
461	9.0	22217.7	-1242.8	551	9.8	24655.3	-1216.8	641	8.3	31541.7	-1213.4	731	8.9	34407.5	-1218.3
462	8.5	22222.7	-1237.2	552	10.	24727.5	-1237.8	642	9.5	31557.1	-1220.1	732	10.	34422.6	-1204.7
463	9.2	22223.9	-1203.4	553	9.4	24741.2	-1207.0	643	9.5	31608.1	-1250.6	733	9.5	34442.2	-1240.9
464	8.9	22251.9	-1214.2	554	8.9	24834.4	-1217.6	644	9.4	31620.2	-1210.5	734	10.	34446.7	-1235.1
465	10.	22301.2	-1203.1	555	8.5	24841.1	-1256.9	645	10.	31648.6	-1204.1	735	9.1	34450.9	-1205.7
466	10.	22306.0	-1212.3	556	10.	24901.9	-1240.4	646	9.4	31706.1	-1251.2	736	10.	34453.4	-1251.8
467	9.0	22307.1	-1253.5	557	9.5	24909.5	-1201.7	647	9.1	31722.2	-1201.3	737	7.5	34504.2	-1224.5
468	9.5	22318.3	-1239.0	558	9.5	24915.4	-1226.5	648	8.8	31804.6	-1231.3	738	9.4	34531.6	-1230.3
469	8.2	22350.5	-1252.0	559	9.5	24925.9	-1214.6	649	9.0	31817.4	-1252.0	739	9.2	34607.5	-1225.1
470	9.8	22413.5	-1224.5	560	9.3	24953.1	-1255.0	650	10.	31830.8	-1229.8	740	9.8	34620.0	-1251.5
471	9.0	22415.7	-1237.4	561	10.	25002.3	-1211.8	651	9.7	31854.5	-1213.2	741	9.8	34630.6	-1245.5
472	9.4	22440.9	-1248.8	562	9.9	25004.6	-1233.6	652	9.8	31856.7	-1200.0	742	10.	34630.6	-1215.6
473	9.9	22442.6	-1229.6	563	9.5	25031.8	-1242.5	653	9.8	32002.6	-1239.0	743	9.2	34639.1	-1253.5
474	9.5	22445.3	-1218.5	564	8.5	25040.5	-1219.9	654	10.	32004.5	-1243.7	744	7.5	34711.6	-1253.1
475	9.5	22455.8	-1243.0	565	9.2	25103.5	-1246.9	655	9.4	32022.7	-1247.0	745	9.7	34731.3	-1232.2
476	9.8	22532.2	-1238.1	566	6.6	25115.9	-1235.5	656	9.3	32027.9	-1208.9	746	8.5	34757.6	-1214.5
477	9.4	22537.4	-1247.0	567	9.2	25125.3	-1241.6	657	9.3	32032.9	-1259.6	747	10.	34800.9	-1200.7
478	7.5	22548.1	-1203.5	568	10.	25129.0	-1210.2	658	9.4	32045.3	-1212.4	748	9.3	34812.6	-1205.9
479	9.0	22601.5	-1247.2	569	10.	25135.9	-1256.7	659	9.8	32053.1	-1256.6	749	9.7	34815.2	-1220.8
480	9.0	22605.4	-1239.6	570	9.7	25136.3	-1202.4	660	9.3	32209.2	-1240.1	750	10.	34820.4	-1252.9
481	7.0	22656.6	-1257.9	571	9.7	25157.5	-1233.9	661	8.5	32219.6	-1235.3	751	9.8	34821.4	-1202.5
482	9.5	22703.0	-1254.1	572	9.8	25216.6	-1254.9	662	9.7	32225.4	-1210.3	752	6.1	34826.7	-1231.6
483	9.7	22730.3	-1218.1	573	10.	25247.6	-1255.2	663	9.5	32249.4	-1230.3	753	9.5	34842.9	-1248.0
484	9.7	22740.4	-1234.3	574	9.3	25256.0	-1224.4	664	9.1	32309.3	-1258.3	754	9.4	34918.2	-1213.3
485	9.6	22759.9	-1222.6	575	9.4	25309.5	-1219.2	665	9.6	32316.0	-1249.6	755	10.	34956.9	-1200.2
486	9.2	22838.7	-1233.8	576	7.5	25321.8	-1202.2	666	7.0	32318.8	-1208.7	756	8.9	35056.3	-1219.4
487	9.5	22843.6	-1200.7	577	9.5	25328.1	-1250.8	667	9.2	32411.6	-1223.2	757	9.6	35109.1	-1234.2
488	8.3	22846.4	-1239.8	578	9.8	25344.0	-1217.2	668	9.3	32422.5	-1214.1	758	9.9	35110.8	-1225.5
489	9.0	22925.2	-1253.4	579	9.0	25403.7	-1253.0	669	9.3	32436.1	-1219.0	759	9.7	35118.2	-1221.4
490	9.4	22941.9	-1222.5	580	9.7	25521.9	-1206.5	670	9.0	32445.5	-1255.7	760	9.3	35124.7	-1257.1
491	9.6	22956.6	-1226.8	581	8.5	25535.3	-1259.6	671	9.5	32528.9	-1244.2	761	10.	35126.0	-1248.9
492	9.0	23010.7	-1256.0	582	9.8	25553.3	-1229.6	672	8.6	32534.3	-1227.6	762	9.0	35156.8	-1200.0
493	9.2	23014.6	-1234.3	583	9.4	25611.9	-1257.5	673	9.6	32705.2	-1222.4	763	9.6	35200.1	-1210.7
494	10.	23055.7	-1256.0	584	9.1	25626.1	-1229.3	674	8.8	32723.4	-1233.4	764	8.5	35218.5	-1247.4
495	9.1	23056.5	-1222.5	585	9.6	25626.7	-1229.9	675	9.5	32734.1	-1227.2	765	9.1	35221.5	-1220.8
496	8.4	23108.2	-1201.1	586	9.5	25636.0	-1255.0	676	8.0	32746.5	-1246.8	766	5.5	35242.4	-1259.4
497	9.1	23125.4	-1217.0	587	9.5	25650.6	-1259.2	677	9.5	32855.9	-1234.8	767	9.4	35250.4	-1249.6
498	10.	23138.5	-1239.8	588	9.1	25718.2	-1257.0	678	9.5	33023.2	-1202.4	768	8.2	35319.8	-1249.7
499	9.1	23210.8	-1210.0	589	9.7	25729.2	-1224.2	679	9.8	33051.1	-1242.3	769	9.6	35344.3	-1233.9
500	8.2	23216.6	-1222.1	590	8.0	25754.4	-1244.5	680	8.5	33100.3	-1201.6	770	10.	35415.7	-1226.0
501	4.7	23232.9	-1229.4	591	9.5	25811.3	-1238.6	681	7.8	33117.3	-1243.2	771	9.6	35440.9	-1200.6
502	9.3	23305.3	-1254.4	592	8.8	25814.0	-1203.0	682	9.8	33135.5	-1242.8	772	9.5	35457.2	-1215.8
503	9.1	23318.7	-1247.7	593	9.4	25829.5	-1226.6	683	9.5	33220.0	-1217.7	773	9.9	35501.9	-1232.9
504	9.9	23336.8	-1203.5	594	9.5	25855.8	-1225.0	684	9.4	33223.8	-1222.2	774	10.	35515.7	-1251.4

-12 775 3h55m

-12 1134 5h13m

775	9.9	35521.4	-1221.5	865	9.8	41433.2	-1212.3	955	5.8	43207.8	-1224.5	1045	9.8	45249.6	-1228.6
776	10.	35540.8	-1235.5	866	9.0	41452.5	-1200.0	956	10.	43231.2	-1237.1	1046	10.	45310.0	-1216.7
777	9.3	35543.2	-1252.4	867	9.1	41510.6	-1205.6	957	10.	43231.5	-1243.6	1047	4.8	45310.7	-1245.1
778	9.9	35550.0	-1242.6	868	9.1	41515.7	-1206.4	958	8.4	43239.8	-1249.0	1048	9.4	45327.7	-1218.8
779	9.7	35601.8	-1258.0	869	9.1	41524.4	-1248.0	959	9.5	43251.6	-1249.4	1049	9.7	45336.5	-1243.1
780	9.1	35615.7	-1213.5	870	9.7	41559.8	-1214.9	960	9.5	43254.0	-1236.5	1050	9.8	45341.6	-1245.2
781	9.4	35617.7	-1214.2	871	9.0	41613.6	-1254.2	961	9.0	43303.3	-1249.0	1051	10.	45436.0	-1257.4
782	9.2	35628.9	-1259.4	872	9.2	41617.0	-1219.8	962	9.8	43325.8	-1223.0	1052	9.5	45448.4	-1252.6
783	9.9	35656.4	-1224.5	873	9.5	41622.1	-1232.3	963	9.1	43335.7	-1223.7	1053	9.5	45536.1	-1212.9
784	8.3	35712.4	-1209.0	874	9.6	41639.6	-1225.6	964	9.0	43340.3	-1203.1	1054	8.5	45550.0	-1251.3
785	10.	35724.7	-1231.8	875	10.	41640.3	-1242.1	965	9.1	43419.1	-1215.2	1055	9.3	45551.8	-1243.7
786	8.9	35730.8	-1254.8	876	9.1	41706.3	-1251.4	966	9.4	43440.8	-1204.0	1056	8.9	45602.6	-1206.6
787	9.7	35744.0	-1232.6	877	8.5	41707.7	-1253.9	967	9.9	43445.4	-1210.9	1057	10.	45612.5	-1255.0
788	8.5	35756.2	-1212.3	878	9.5	41718.7	-1237.8	968	9.8	43455.9	-1228.4	1058	8.3	45613.6	-1238.7
789	8.0	35806.4	-1211.8	879	9.5	41731.7	-1230.8	969	6.9	43457.6	-1245.4	1059	9.8	45642.9	-1247.7
790	10.	35826.1	-1242.9	880	8.7	41742.8	-1251.6	970	8.8	43528.6	-1226.4	1060	9.9	45644.1	-1204.2
791	9.5	35827.9	-1220.6	881	9.5	41743.2	-1208.7	971	9.9	43601.6	-1220.0	1061	9.3	45704.9	-1232.2
792	9.8	35843.9	-1218.8	882	8.5	41748.7	-1238.1	972	10.	43609.1	-1237.3	1062	9.0	45710.6	-1222.7
793	8.4	35853.0	-1201.1	883	10.	41806.7	-1258.1	973	8.8	43702.4	-1234.3	1063	9.3	45738.3	-1212.1
794	9.5	35857.0	-1227.1	884	9.4	41807.3	-1211.1	974	9.8	43715.5	-1212.2	1064	9.7	45758.8	-1243.1
795	9.4	35905.5	-1205.0	885	9.7	41809.0	-1229.7	975	9.3	43736.7	-1256.4	1065	9.7	45800.7	-1258.8
796	9.0	35908.0	-1205.4	886	9.4	41810.4	-1235.1	976	9.8	43810.4	-1222.5	1066	10.	45807.6	-1252.0
797	9.8	35928.1	-1247.3	887	9.3	41907.3	-1258.8	977	9.1	43812.0	-1227.6	1067	9.9	45818.3	-1224.7
798	8.7	35929.2	-1218.2	888	9.5	41908.5	-1208.8	978	9.1	43827.5	-1252.6	1068	8.6	45825.8	-1232.0
799	10.	40000.5	-1209.7	889	9.9	41909.7	-1217.9	979	9.8	43842.3	-1241.0	1069	9.7	45858.5	-1227.2
800	9.5	40012.3	-1251.9	890	10.	41916.1	-1251.0	980	9.8	43852.0	-1250.1	1070	9.5	45914.5	-1230.5
801	9.4	40012.6	-1209.7	891	9.9	41931.2	-1229.7	981	9.4	43853.4	-1206.7	1071	9.6	45928.0	-1228.0
802	9.9	40039.5	-1213.1	892	9.7	41940.0	-1244.3	982	7.7	43904.6	-1212.8	1072	9.5	45941.0	-1209.5
803	9.1	40116.4	-1254.3	893	9.5	41948.6	-1205.7	983	9.8	43937.8	-1243.9	1073	10.	50003.6	-1225.6
804	9.8	40118.7	-1232.4	894	9.7	42012.7	-1217.7	984	10.	43938.1	-1212.0	1074	9.7	50018.2	-1219.9
805	9.7	40133.0	-1211.6	895	10.	42038.3	-1210.5	985	9.6	43950.6	-1228.2	1075	8.0	50037.9	-1203.8
806	8.5	40158.5	-1258.3	896	8.5	42044.9	-1258.3	986	10.	43951.0	-1218.5	1076	6.2	50041.0	-1240.7
807	8.4	40237.4	-1222.6	897	9.2	42046.8	-1257.5	987	9.5	43951.9	-1253.2	1077	9.5	50045.6	-1233.4
808	9.5	40250.2	-1215.8	898	9.7	42048.8	-1211.9	988	9.3	44022.1	-1237.1	1078	9.3	50054.9	-1225.6
809	10.	40255.6	-1247.4	899	8.8	42058.3	-1227.4	989	10.	44028.7	-1221.0	1079	9.5	50106.0	-1216.4
810	7.3	40257.4	-1256.7	900	8.7	42109.2	-1220.1	990	9.1	44040.2	-1215.4	1080	7.0	50106.2	-1246.5
811	9.4	40309.9	-1244.0	901	9.4	42109.7	-1253.6	991	9.4	44042.3	-1241.1	1081	9.8	50116.7	-1248.8
812	9.8	40329.1	-1208.9	902	9.2	42114.0	-1218.5	992	9.8	44057.2	-1235.2	1082	9.2	50203.0	-1239.4
813	10.	40347.8	-1251.3	903	8.2	42116.5	-1219.2	993	9.5	44059.9	-1202.1	1083	10.	50227.0	-1238.4
814	9.3	40405.2	-1215.1	904	8.2	42124.2	-1235.3	994	9.5	44130.7	-1232.1	1084	8.0	50246.1	-1213.0
815	9.8	40408.7	-1227.3	905	9.5	42150.9	-1228.8	995	9.6	44137.3	-1241.1	1085	9.5	50251.3	-1251.3
816	9.9	40414.3	-1229.0	906	7.8	42151.5	-1216.8	996	9.5	44144.8	-1258.3	1086	9.5	50257.5	-1258.0
817	9.5	40455.2	-1227.6	907	9.7	42208.4	-1214.8	997	8.0	44146.3	-1200.7	1087	10.	50303.6	-1232.4
818	9.5	40457.7	-1209.7	908	8.8	42219.4	-1232.0	998	9.8	44201.9	-1244.9	1088	10.	50312.9	-1236.1
819	9.1	40518.5	-1254.5	909	9.1	42233.0	-1244.9	999	9.6	44213.2	-1218.5	1089	9.3	50407.2	-1247.8
820	9.8	40519.9	-1229.7	910	9.4	42308.9	-1219.1	1000	9.9	44219.1	-1203.7	1090	9.0	50417.0	-1242.0
821	9.4	40538.8	-1218.2	911	9.6	42323.8	-1214.2	1001	9.8	44248.7	-1255.6	1091	9.2	50427.6	-1259.9
822	10.	40626.7	-1214.3	912	10.	42331.9	-1229.7	1002	8.0	44255.2	-1217.4	1092	6.5	50436.9	-1201.8
823	8.2	40635.1	-1240.0	913	9.9	42336.1	-1234.3	1003	7.9	44301.8	-1200.0	1093	9.5	50450.4	-1255.3
824	9.8	40645.8	-1251.4	914	9.1	42400.1	-1229.0	1004	8.8	44322.5	-1234.3	1094	9.1	50452.4	-1225.0
825	9.7	40658.1	-1258.7	915	7.0	42511.1	-1256.6	1005	9.3	44323.5	-1206.9	1095	5.0	50531.9	-1202.7
826	9.6	40702.5	-1235.1	916	9.9	42517.5	-1207.4	1006	9.8	44348.5	-1233.1	1096	9.0	50542.9	-1235.6
827	9.3	40713.7	-1244.7	917	9.7	42520.4	-1235.7	1007	9.0	44415.5	-1229.6	1097	9.5	50610.1	-1213.4
828	9.1	40714.3	-1231.1	918	9.0	42525.0	-1237.6	1008	9.8	44425.5	-1225.4	1098	8.5	50613.2	-1221.0
829	9.0	40730.4	-1233.8	919	9.3	42532.7	-1205.4	1009	9.7	44447.0	-1228.9	1099	9.2	50632.2	-1224.6
830	9.6	40732.2	-1245.8	920	9.2	42537.7	-1251.8	1010	8.0	44455.4	-1211.7	1100	9.5	50633.5	-1258.8
831	9.4	40758.9	-1224.7	921	9.6	42611.6	-1219.7	1011	8.2	44504.3	-1259.2	1101	9.5	50643.3	-1251.3
832	9.8	40823.8	-1208.5	922	8.7	42619.9	-1226.6	1012	9.4	44528.2	-1237.3	1102	9.5	50656.5	-1236.2
833	9.5	40823.9	-1249.8	923	7.0	42621.5	-1250.9	1013	10.	44545.0	-1205.7	1103	10.	50728.0	-1213.0
834	9.1	40840.8	-1249.1	924	9.4	42627.6	-1226.9	1014	8.5	44556.4	-1222.6	1104	9.0	50732.0	-1227.7
835	9.3	40845.0	-1204.0	925	9.5	42642.2	-1246.9	1015	9.9	44619.3	-1215.7	1105	9.5	50752.3	-1224.5
836	9.5	40908.1	-1257.4	926	9.6	42659.8	-1208.5	1016	10.	44635.7	-1212.8	1106	9.5	50807.1	-1207.5
837	9.5	40915.7	-1243.6	927	9.0	42702.5	-1249.0	1017	9.8	44643.3	-1242.2	1107	10.	50819.7	-1231.5
838	9.5	40938.3	-1230.7	928	9.1	42711.0	-1216.1	1018	9.2	44646.5	-1202.5	1108	8.5	50819.8	-1221.8
839	9.0	40944.9	-1248.4	929	8.9	42739.1	-1201.2	1019	9.1	44713.6	-1252.5	1109	9.2	50824.1	-1241.8
840	9.2	40951.0	-1253.8	930	9.6	42757.5	-1214.3	1020	8.0	44715.8	-1242.2	1110	8.5	50835.6	-1253.3
841	9.8	41003.1	-1251.4	931	9.6	42759.8	-1214.3	1021	9.0	44745.1	-1209.4	1111	8.5	50839.6	-1258.7
842	9.7	41005.7	-1243.8	932	9.8	42816.8	-1237.8	1022	9.6	44751.9	-1243.5	1112	8.3	50902.9	-1231.6
843	9.8	41017.2	-1229.0	933	9.5	42822.9	-1236.6	1023	9.8	44809.4	-1239.7	1113	9.2	50903.1	-1211.2
844	9.5	41019.5	-1200.9	934	9.1	42823.2	-1222.5	1024	9.8	44852.0	-1222.8	1114	9.8	50910.0	-1205.8
845	9.8	41020.7	-1231.8	935	9.3	42826.0	-1222.8	1025	9.5	44858.8	-1215.6	1115	9.0	50925.2	-1218.3
846	9.2	41028.6	-1258.4	936	9.3	42852.4	-1208.2	1026	9.4	44900.2	-1253.4	1116	9.5	50940.5	-1252.0
847	9.1	41034.8	-1214.2	937	9.4	42856.6	-1241.7	1027	9.5	44903.4	-1227.7	1117	8.7	50941.6	-1235.2
848	9.8	41043.0	-1214.0	938	10.	42912.0	-1209.8	1028	9.3	44907.8	-1238.4	1118	9.5	50954.0	-1237.9
849	9.3	41057.8	-1211.4	939	9.8	42912.3	-1258.0	1029	9.1	44934.3	-1202.2	1119	9.3	51004.3	-1246.4
850	9.4	41101.1	-1210.5	940	9.8	42921.7	-1251.7	1030	9.8	44934.6	-1238.3	1120	9.5	51029.1	-1238.6
851	9.7	41111.0	-1209.6	941	9.5	42952.7	-1221.8	1031	8.2	45010.1	-1246.4	1121	9.9	51032.6	-1224.4
852	9.8	41125.4	-1250.6	942	10.	42954.2	-1246.9	1032	9.0	45012.7	-1208.5	1122	9.5	51052.6	-1253.4
853	9.8	41129.5	-1253.3	943	9.4	43000.1	-1226.7	1033	10.	45021.4	-1220.2	1123	8.5	51100.6	-1256.9
854	9.8	41146.8	-1256.2	944	9.5	43001.7	-1251.1	1034	9.0	45038.9	-1256.8	1124	8.4	51107.0	-1225.9
855	8.3	41158.3	-1205.3	945	10.	43005.0	-1213.0	1035	8.6	45123.4	-1257.5	1125	9.5	51114.5	-1235.1
856	9.9	41208.1	-1256.6	946	9.7	43012.2	-1244.2	1036	9.5	45134.2	-1251.2	1126	9.5	51128.1	-1238.6
857	9.8	41245.6	-1256.6	947	8.1	43028.8	-1227.5	1037	9.7	45138.7	-1251.2	1127	9.8	51204.8	-1230.0
858	6.5	41306.4	-1245.1	948	8.5	43030.4	-1251.0	1038	9.7	45139.9	-1228.2	1128	10.	51214.1	-1239.4
859	8.9	41308.3	-1234.0	949	9.0	43038.4	-1209.8	1039	9.5	45151.2	-1212.7	1129	9.7	51216.4	-1222.2
860	10.	41338.7	-1209.1	950	9.6	43058.1	-1242.6	1040	8.7	45152.2	-1227.4	1130	9.7	51217.9	-1222.3
861	9.1	41406.0	-1224.3	951	10.	43103.3	-1206.9	1041	8.2	45223.0	-1259.1	1131	10.	51231.0	-1234.9
862	8.7	41411.6	-1216.3	952	9.2	43106.2	-1210.5	1042	9.1	45224.0	-1202.1	1132	6.2	51314.3	-1227.7
863	8.9	41412.5	-1252.6	953	9.2	43132.2	-1230.9	1043	10.	45227.1	-1207.5	1133	9.7	51335.0	-1231.9
864	9.1	41421.4	-1249.3	954	9.4	43200.9	-1230.3	1044	9.1	45239.5	-1243.8	1134	9.5	51337.0	-1201.2

-12 1135 5h13m

-12 1494 6h20m

1135	9.0	51339.6	-1211.0	1225	9.0	53210.7	-1251.2	1315	10.	54923.5	-1251.2	1405	8.5	60458.6	-1234.1
1136	9.0	51341.3	-1220.4	1226	9.3	53227.2	-1207.7	1316	10.	54943.0	-1236.5	1406	9.8	60529.1	-1200.8
1137	9.5	51408.4	-1227.5	1227	9.0	53242.2	-1209.8	1317	10.	54949.5	-1253.0	1407	8.8	60530.4	-1213.9
1138	9.4	51419.1	-1207.0	1228	9.5	53303.7	-1246.3	1318	9.7	55008.9	-1234.9	1408	9.0	60537.3	-1243.7
1139	9.5	51424.2	-1214.1	1229	9.7	53313.4	-1218.6	1319	9.0	55046.5	-1258.9	1409	9.3	60554.9	-1231.1
1140	10.	51452.6	-1257.3	1230	10.	53327.0	-1246.2	1320	9.5	55048.6	-1221.9	1410	9.0	60559.8	-1227.2
1141	10.	51516.4	-1251.5	1231	10.	53332.2	-1206.1	1321	9.3	55107.4	-1236.2	1411	9.6	60605.9	-1228.4
1142	8.7	51521.2	-1216.3	1232	8.0	53400.3	-1217.7	1322	9.7	55111.0	-1207.1	1412	10.	60614.3	-1243.6
1143	9.6	51525.4	-1221.5	1233	8.6	53412.1	-1224.0	1323	9.2	55120.3	-1245.1	1413	9.4	60638.2	-1237.5
1144	10.	51553.7	-1259.0	1234	9.0	53418.2	-1235.5	1324	9.0	55120.9	-1249.6	1414	10.	60638.3	-1253.8
1145	9.7	51604.2	-1217.7	1235	9.8	53427.3	-1206.1	1325	8.5	55131.1	-1211.7	1415	10.	60641.7	-1251.5
1146	9.5	51609.7	-1205.1	1236	9.8	53430.3	-1215.5	1326	10.	55132.9	-1202.3	1416	9.9	60651.1	-1241.5
1147	9.6	51610.2	-1219.2	1237	8.5	53431.1	-1205.3	1327	9.5	55140.7	-1248.6	1417	9.5	60737.9	-1232.5
1148	9.3	51629.6	-1226.4	1238	10.	53439.3	-1214.6	1328	10.	55206.9	-1255.3	1418	9.3	60744.6	-1201.3
1149	9.5	51640.0	-1235.6	1239	9.0	53506.2	-1208.4	1329	9.8	55212.4	-1225.0	1419	8.5	60759.9	-1250.4
1150	9.0	51650.2	-1206.9	1240	7.2	53506.9	-1222.9	1330	9.0	55229.1	-1220.8	1420	9.0	60807.0	-1217.8
1151	9.0	51651.9	-1203.2	1241	9.2	53513.5	-1236.7	1331	10.	55233.9	-1205.5	1421	8.9	60838.6	-1232.0
1152	9.0	51653.0	-1200.6	1242	9.0	53539.8	-1231.6	1332	8.4	55240.2	-1250.7	1422	8.8	60904.2	-1240.7
1153	9.5	51706.2	-1241.0	1243	9.5	53545.6	-1203.7	1333	9.1	55243.6	-1243.1	1423	8.8	60912.0	-1241.4
1154	9.0	51717.1	-1215.7	1244	9.5	53550.9	-1258.7	1334	10.	55250.9	-1225.4	1424	10.	60931.2	-1237.0
1155	9.5	51731.1	-1236.6	1245	8.0	53609.7	-1225.2	1335	10.	55253.9	-1249.0	1425	9.5	60937.6	-1247.7
1156	9.8	51834.4	-1253.6	1246	9.5	53702.3	-1226.1	1336	9.3	55320.0	-1240.5	1426	10.	61009.3	-1246.0
1157	7.0	51837.7	-1240.6	1247	9.7	53739.2	-1213.8	1337	6.0	55331.6	-1254.3	1427	9.9	61015.2	-1232.5
1158	10.	51844.5	-1247.3	1248	9.7	53745.4	-1216.9	1338	10.	55341.5	-1253.4	1428	8.8	61015.8	-1211.9
1159	9.5	51845.3	-1223.3	1249	9.2	53752.1	-1200.8	1339	10.	55342.4	-1223.7	1429	10.	61034.2	-1230.8
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1161	9.7	51928.2	-1217.6	1251	9.5	53804.4	-1213.3	1341	9.2	55352.6	-1256.5	1431	9.0	61046.5	-1259.2
1162	9.5	51935.8	-1259.7	1252	10.	53805.4	-1237.7	1342	9.2	55356.4	-1224.0	1432	10.	61053.9	-1212.1
1163	10.	51936.7	-1248.7	1253	8.8	53814.3	-1209.8	1343	10.	55410.4	-1224.0	1433	10.	61114.7	-1235.8
1164	9.1	51937.2	-1233.3	1254	9.3	53816.6	-1208.4	1344	9.7	55413.0	-1205.7	1434	9.0	61127.5	-1254.7
1165	9.7	51938.3	-1219.3	1255	9.5	53822.4	-1239.5	1345	9.7	55432.0	-1238.1	1435	9.5	61129.8	-1220.4
1166	10.	51949.7	-1249.8	1256	10.	53827.2	-1232.7	1346	9.5	55455.5	-1253.2	1436	9.1	61130.7	-1228.0
1167	9.5	51952.3	-1220.6	1257	9.7	53829.0	-1258.6	1347	8.5	55500.9	-1201.6	1437	9.0	61143.6	-1203.0
1168	10.	52003.9	-1247.2	1258	7.7	53842.9	-1230.0	1348	9.0	55515.5	-1231.1	1438	8.7	61150.2	-1230.7
1169	6.5	52020.0	-1201.3	1259	9.5	53856.3	-1208.3	1349	9.5	55515.9	-1223.5	1439	8.8	61157.2	-1237.6
1170	9.7	52021.0	-1233.5	1260	7.8	53919.1	-1229.0	1350	9.5	55520.1	-1222.6	1440	9.2	61212.7	-1223.4
1171	10.	52022.1	-1215.3	1261	8.5	53926.5	-1219.9	1351	9.3	55521.3	-1239.4	1441	9.0	61217.5	-1229.0
1172	9.2	52045.0	-1249.0	1262	10.	53928.6	-1244.8	1352	9.4	55526.6	-1254.2	1442	8.0	61235.8	-1228.5
1173	9.3	52119.6	-1254.3	1263	9.4	53943.8	-1251.0	1353	9.0	55541.3	-1244.2	1443	9.5	61239.7	-1230.5
1174	9.0	52148.3	-1243.1	1264	9.0	53944.8	-1251.9	1354	9.6	55542.1	-1233.4	1444	9.8	61320.2	-1248.1
1175	9.5	52209.3	-1211.6	1265	8.0	53949.6	-1247.0	1355	9.5	55543.3	-1222.1	1445	9.3	61321.0	-1201.4
1176	9.5	52215.8	-1216.5	1266	9.5	53959.4	-1215.5	1356	10.	55551.2	-1215.4	1446	9.3	61321.4	-1200.4
1177	10.	52217.1	-1204.4	1267	9.3	54018.8	-1251.0	1357	8.7	55552.7	-1257.7	1447	9.8	61411.3	-1213.6
1178	10.	52220.3	-1242.6	1268	9.5	54020.3	-1211.8	1358	9.8	55552.7	-1249.4	1448	9.5	61424.2	-1240.0
1179	9.0	52223.3	-1259.1	1269	7.5	54031.8	-1251.9	1359	9.0	55554.1	-1210.0	1449	9.5	61430.9	-1215.4
1180	9.3	52245.2	-1209.3	1270	9.5	54046.3	-1207.3	1360	9.7	55556.7	-1257.9	1450	9.1	61435.1	-1236.6
1181	10.	52321.4	-1246.1	1271	9.7	54053.4	-1237.2	1361	9.0	55625.0	-1207.5	1451	9.8	61444.2	-1237.2
1182	8.0	52331.6	-1252.4	1272	9.5	54131.4	-1239.4	1362	9.5	55634.2	-1239.8	1452	8.4	61444.7	-1204.4
1183	9.3	52335.0	-1226.1	1273	9.3	54144.0	-1259.9	1363	9.5	55704.2	-1215.0	1453	9.6	61502.5	-1255.1
1184	10.	52346.2	-1201.3	1274	9.5	54149.2	-1202.9	1364	9.7	55711.4	-1227.1	1454	9.6	61513.6	-1204.4
1185	9.5	52353.6	-1228.1	1275	9.0	54155.7	-1250.0	1365	9.5	55738.5	-1251.5	1455	9.8	61525.1	-1228.6
1186	9.5	52353.7	-1255.1	1276	8.3	54207.3	-1225.0	1366	9.0	55817.3	-1219.0	1456	9.5	61537.3	-1214.0
1187	9.3	52400.2	-1258.7	1277	10.	54213.2	-1203.8	1367	9.7	55828.5	-1213.4	1457	8.5	61549.4	-1253.2
1188	9.6	52401.3	-1208.7	1278	10.	54242.6	-1226.2	1368	9.4	55839.0	-1255.5	1458	10.	61551.2	-1236.0
1189	9.7	52402.3	-1231.6	1279	10.	54243.9	-1245.3	1369	9.5	55913.1	-1213.8	1459	9.7	61557.5	-1252.3
1190	9.3	52404.2	-1258.3	1280	8.5	54244.8	-1236.3	1370	9.5	55915.9	-1204.0	1460	9.4	61600.8	-1211.3
1191	9.5	52457.2	-1207.5	1281	8.0	54248.4	-1216.2	1371	9.8	55921.3	-1246.6	1461	9.4	61623.7	-1237.8
1192	9.7	52459.5	-1230.6	1282	9.5	54318.4	-1213.5	1372	10.	55921.7	-1240.8	1462	9.1	61626.0	-1254.3
1193	10.	52514.0	-1241.1	1283	9.7	54337.9	-1257.1	1373	9.8	55927.8	-1232.6	1463	9.0	61652.7	-1240.5
1194	9.3	52523.1	-1224.8	1284	10.	54340.3	-1208.6	1374	9.7	55934.3	-1247.1	1464	8.5	61701.5	-1230.2
1195	10.	52523.3	-1243.9	1285	9.4	54350.1	-1226.9	1375	8.8	55937.8	-1230.6	1465	9.5	61704.7	-1239.5
1196	9.5	52544.2	-1239.5	1286	10.	54352.6	-1229.6	1376	9.0	55955.3	-1249.6	1466	9.4	61705.1	-1255.0
1197	10.	52551.4	-1223.6	1287	9.5	54409.3	-1211.4	1377	10.	60004.8	-1258.4	1467	9.1	61705.9	-1234.5
1198	9.8	52556.5	-1231.4	1288	10.	54425.9	-1213.5	1378	9.4	60008.9	-1233.6	1468	9.8	61710.8	-1241.0
1199	9.5	52611.8	-1258.3	1289	10.	54434.6	-1229.0	1379	8.0	60012.9	-1202.8	1469	10.	61714.8	-1244.9
1200	9.0	52626.6	-1224.6	1290	9.5	54444.4	-1217.5	1380	9.3	60018.2	-1241.1	1470	6.3	61739.4	-1253.4
1201	8.6	52707.3	-1234.2	1291	9.2	54448.7	-1249.4	1381	9.5	60021.2	-1215.3	1471	9.5	61754.7	-1206.2
1202	9.8	52710.8	-1211.5	1292	8.8	54500.2	-1203.3	1382	9.0	60035.1	-1211.8	1472	9.5	61806.5	-1227.4
1203	9.7	52722.3	-1202.7	1293	10.	54504.3	-1217.8	1383	9.5	60040.4	-1223.9	1473	9.1	61807.1	-1234.9
1204	9.0	52730.5	-1232.1	1294	9.5	54508.5	-1231.7	1384	8.5	60055.9	-1201.1	1474	9.4	61812.3	-1248.2
1205	9.6	52731.1	-1238.5	1295	9.3	54535.3	-1205.8	1385	9.5	60107.2	-1218.0	1475	9.7	61814.6	-1233.0
1206	9.5	52815.6	-1250.9	1296	7.0	54556.6	-1248.2	1386	9.5	60114.3	-1244.7	1476	9.1	61817.0	-1256.2
1207	9.5	52828.2	-1236.2	1297	9.0	54602.4	-1213.5	1387	10.	60127.2	-1236.2	1477	9.5	61819.1	-1242.0
1208	9.1	52830.8	-1230.5	1298	10.	54609.6	-1256.8	1388	10.	60127.6	-1230.9	1478	9.8	61824.7	-1207.5
1209	10.	52848.8	-1215.3	1299	8.2	54621.3	-1240.4	1389	10.	60132.4	-1250.5	1479	9.2	61824.8	-1218.2
1210	9.9	52914.6	-1225.9	1300	10.	54623.6	-1226.5	1390	10.	60204.6	-1235.4	1480	9.0	61836.8	-1220.5
1211	9.5	52915.4	-1244.2	1301	9.0	54625.2	-1205.5	1391	8.5	60212.9	-1236.9	1481	8.5	61838.0	-1209.9
1212	8.8	52920.2	-1226.2	1302	9.0	54626.5	-1220.2	1392	9.1	60223.4	-1256.8	1482	9.3	61848.2	-1228.7
1213	10.	53000.9	-1259.0	1303	9.0	54632.7	-1251.7	1393	9.5	60230.0	-1208.2	1483	9.4	61901.8	-1246.7
1214	9.7	53025.5	-1245.0	1304	7.3	54711.5	-1225.8	1394	10.	60245.3	-1232.5	1484	9.5	61902.9	-1215.2
1215	9.0	53031.2	-1228.6	1305	9.2	54713.3	-1236.3	1395	10.	60252.1	-1213.5	1485	9.2	61909.6	-1201.8
1216	9.5	53035.0	-1256.2	1306	9.5	54727.2	-1201.0	1396	8.5	60313.8	-1231.3	1486	9.8	61913.3	-1247.7
1217	8.5	53052.5	-1247.3	1307	10.	54743.1	-1235.3	1397	10.	60332.1	-1210.0	1487	9.4	61914.9	-1249.5
1218	10.	53053.3	-1239.3	1308	9.4	54749.6	-1254.5	1398	10.	60348.5	-1247.3	1488	9.4	61929.9	-1231.2
1219	9.0	53055.1	-1204.7	1309	9.4	54755.7	-1259.8	1399	9.5	60357.2	-1217.1	1489	10.	61931.2	-1225.6
1220	9.5	53113.3	-1241.0	1310	7.5	54816.7	-1258.1	1400	9.5	60413.9	-1201.0	1490	9.3	61934.8	-1258.9
1221	9.3	53119.7	-1253.1	1311	9.8	54824.2	-1209.6	1401	9.7	60414.8	-1225.6	1491	9.7	61941.6	-1214.0
1222	8.5	53132.9	-1232.5	1312	10.	54837.3	-1223.1	1402	9.0	60425.3	-1242.9	1492	9.4	62000.1	-1202.0
1223	9.5	53143.4	-1243.8	1313	9.5	54843.4	-1247.4	1403	10.	60438.4	-1257.1	1493	10.	62007.0	-1258.0
1224	9.3	53152.6	-1249.9	1314	9.5	54905.0	-1208.7	1404	10.	60450.0	-1207.7	1494	8.0	62031.8	-1245.2

1495	9.7	62041.5 -1252.1	1585	7.3	63413.9 -1202.8	1675	9.6	64622.4 -1214.5	1765	9.5	65752.8 -1229.7
1496	10.	62050.1 -1201.6	1586	9.7	63435.3 -1222.9	1676	9.8	64624.1 -1243.3	1766	10.	65808.5 -1240.7
1497	9.5	62100.4 -1249.6	1587	8.8	63447.4 -1258.5	1677	9.1	64625.0 -1244.1	1767	9.0	65809.3 -1255.9
1498	10.	62101.7 -1240.9	1588	8.5	63448.1 -1247.8	1678	9.1	64625.9 -1248.1	1768	10.	65823.0 -1238.0
1499	9.4	62127.2 -1204.2	1589	9.4	63448.8 -1227.8	1679	9.7	64641.6 -1240.2	1769	9.8	65824.0 -1251.0
1500	7.7	62136.5 -1257.5	1590	9.5	63455.7 -1206.2	1680	9.3	64648.2 -1207.6	1770	9.6	65827.5 -1237.2
1501	9.8	62139.2 -1240.0	1591	9.1	63533.3 -1230.7	1681	9.4	64648.6 -1225.0	1771	8.5	65831.9 -1206.8
1502	8.8	62139.8 -1246.5	1592	10.	63535.5 -1240.3	1682	10.	64653.9 -1238.2	1772	9.8	65840.2 -1245.8
1503	7.6	62153.6 -1257.5	1593	9.1	63537.1 -1209.9	1683	9.5	64655.2 -1253.1	1773	9.6	65841.7 -1206.9
1504	9.9	62224.5 -1205.0	1594	10.	63539.3 -1256.7	1684	9.8	64715.4 -1257.6	1774	10.	65845.9 -1206.6
1505	9.1	62251.4 -1253.7	1595	9.6	63540.0 -1251.8	1685	10.	64726.1 -1235.0	1775	9.3	65853.7 -1200.6
1506	9.1	62256.2 -1206.1	1596	9.4	63551.7 -1250.7	1686	8.8	64730.9 -1242.4	1776	10.	65855.1 -1220.3
1507	8.2	62330.4 -1215.9	1597	8.5	63558.1 -1247.9	1687	9.3	64740.0 -1219.6	1777	7.3	65859.4 -1235.5
1508	9.6	62332.6 -1205.4	1598	9.1	63610.3 -1210.6	1688	9.4	64743.2 -1209.8	1778	9.8	65911.7 -1246.7
1509	9.4	62340.0 -1251.1	1599	9.0	63623.9 -1216.1	1689	9.2	64753.9 -1257.3	1779	9.5	65912.5 -1249.8
1510	9.0	62351.1 -1223.1	1600	9.8	63625.0 -1253.5	1690	9.9	64755.8 -1250.6	1780	9.2	65919.9 -1234.2
1511	9.3	62352.8 -1236.8	1601	9.5	63636.0 -1231.3	1691	9.5	64758.3 -1211.1	1781	8.5	65924.1 -1243.8
1512	10.	62356.8 -1231.6	1602	8.5	63637.5 -1246.0	1692	8.9	64802.6 -1230.2	1782	9.3	65932.6 -1207.4
1513	9.7	62358.8 -1236.1	1603	9.1	63644.3 -1256.2	1693	9.0	64807.5 -1220.7	1783	9.4	65940.0 -1236.2
1514	10.	62406.6 -1215.5	1604	9.8	63702.6 -1224.0	1694	9.0	64820.1 -1235.7	1784	10.	65945.9 -1219.0
1515	9.1	62413.3 -1224.9	1605	9.0	63704.2 -1242.3	1695	10.	64823.5 -1255.0	1785	9.5	65946.0 -1238.4
1516	8.8	62414.0 -1244.2	1606	10.	63719.8 -1234.5	1696	9.1	64832.1 -1248.7	1786	9.7	65949.8 -1231.2
1517	9.3	62415.4 -1213.9	1607	8.8	63730.0 -1240.4	1697	10.	64834.2 -1246.8	1787	9.6	65950.9 -1228.8
1518	5.0	62438.9 -1217.2	1608	9.1	63732.7 -1215.7	1698	9.0	64839.7 -1206.0	1788	6.9	65952.7 -1210.6
1519	8.5	62439.7 -1207.4	1609	9.2	63733.1 -1222.5	1699	9.5	64852.6 -1202.1	1789	9.4	65953.6 -1240.6
1520	7.2	62441.9 -1227.5	1610	9.0	63755.3 -1242.9	1700	9.9	64913.2 -1249.3	1790	8.3	70015.5 -1200.8
1521	9.9	62501.0 -1224.9	1611	9.5	63759.0 -1230.3	1701	9.7	64921.8 -1228.4	1791	10.	70021.9 -1255.8
1522	10.	62502.5 -1224.1	1612	9.8	63810.8 -1257.5	1702	9.8	64934.0 -1219.6	1792	8.3	70025.7 -1208.4
1523	9.9	62510.1 -1227.5	1613	9.4	63816.7 -1225.4	1703	9.0	64936.9 -1240.3	1793	10.	70028.4 -1231.7
1524	9.9	62512.3 -1245.0	1614	9.4	63824.1 -1201.4	1704	9.1	64941.1 -1247.4	1794	8.6	70032.8 -1251.8
1525	9.7	62523.0 -1220.8	1615	9.5	63834.9 -1259.9	1705	9.4	64948.7 -1252.8	1795	9.5	70042.2 -1244.8
1526	10.	62530.2 -1231.1	1616	9.5	63839.3 -1256.6	1706	9.8	65005.5 -1232.6	1796	9.5	70054.7 -1211.7
1527	10.	62532.3 -1233.3	1617	9.8	63850.6 -1227.1	1707	10.	65016.8 -1251.5	1797	9.8	70057.0 -1202.8
1528	9.7	62537.1 -1227.2	1618	9.3	63852.6 -1229.3	1708	9.3	65020.8 -1243.0	1798	9.2	70100.4 -1204.0
1529	9.8	62539.1 -1228.9	1619	9.3	63855.1 -1210.5	1709	9.8	65021.2 -1237.4	1799	10.	70111.0 -1219.6
1530	9.4	62541.9 -1246.6	1620	9.9	63922.7 -1251.6	1710	9.3	65023.7 -1200.7	1800	10.	70117.4 -1227.5
1531	9.5	62543.2 -1239.2	1621	9.4	63944.2 -1224.8	1711	9.5	65038.1 -1245.4	1801	9.8	70119.1 -1245.5
1532	10.	62550.8 -1229.0	1622	9.1	64005.6 -1245.9	1712	9.6	65046.5 -1220.1	1802	9.6	70119.5 -1202.1
1533	9.7	62607.4 -1213.0	1623	7.8	64022.6 -1202.5	1713	9.4	65049.0 -1242.1	1803	10.	70120.3 -1220.5
1534	9.3	62612.5 -1239.2	1624	9.0	64023.0 -1242.0	1714	8.5	65054.7 -1208.4	1804	9.1	70122.0 -1228.9
1535	9.1	62623.1 -1259.2	1625	9.3	64037.1 -1201.6	1715	9.5	65059.0 -1252.8	1805	9.7	70140.1 -1256.4
1536	8.5	62625.6 -1247.5	1626	9.1	64037.2 -1238.8	1716	9.5	65059.0 -1241.0	1806	8.7	70143.3 -1218.5
1537	9.3	62626.2 -1229.8	1627	9.4	64039.0 -1222.1	1717	9.1	65059.0 -1209.8	1807	9.8	70145.8 -1220.2
1538	9.8	62638.2 -1207.0	1628	9.5	64041.1 -1212.2	1718	9.7	65101.6 -1201.4	1808	8.5	70148.4 -1252.4
1539	9.4	62646.6 -1235.4	1629	9.2	64056.6 -1220.3	1719	9.7	65102.7 -1207.8	1809	7.5	70149.9 -1239.4
1540	8.9	62648.1 -1200.5	1630	9.8	64100.5 -1254.3	1720	9.2	65106.3 -1230.3	1810	9.4	70156.5 -1233.3
1541	10.	62656.8 -1228.5	1631	9.5	64113.3 -1209.7	1721	9.0	65115.1 -1246.4	1811	9.8	70156.6 -1228.4
1542	9.1	62710.7 -1231.6	1632	8.7	64118.7 -1219.2	1722	9.0	65128.5 -1249.0	1812	9.0	70203.3 -1223.5
1543	9.3	62730.7 -1210.4	1633	9.8	64134.9 -1258.8	1723	9.3	65131.1 -1242.7	1813	8.9	70211.8 -1205.6
1544	9.0	62740.5 -1221.8	1634	6.8	64145.0 -1241.1	1724	9.0	65142.7 -1247.6	1814	9.8	70240.1 -1219.0
1545	8.5	62806.1 -1207.3	1635	9.0	64146.4 -1216.6	1725	9.0	65157.0 -1219.2	1815	9.0	70247.4 -1257.1
1546	9.8	62806.9 -1248.5	1636	8.8	64150.2 -1205.0	1726	9.0	65227.1 -1204.7	1816	9.0	70303.7 -1251.0
1547	7.8	62819.7 -1229.8	1637	9.5	64155.3 -1229.0	1727	9.5	65229.6 -1243.1	1817	9.8	70306.5 -1237.7
1548	9.8	62820.0 -1221.6	1638	9.6	64209.0 -1208.3	1728	8.8	65235.5 -1240.5	1818	9.5	70322.5 -1213.2
1549	9.3	62831.9 -1257.9	1639	9.4	64222.6 -1242.6	1729	8.0	65253.0 -1248.0	1819	9.3	70325.4 -1202.0
1550	9.4	62836.9 -1243.0	1640	9.5	64225.1 -1223.3	1730	9.8	65258.2 -1230.8	1820	9.4	70325.9 -1219.7
1551	9.5	62851.9 -1242.0	1641	9.8	64226.7 -1251.2	1731	9.2	65320.5 -1225.8	1821	9.8	70333.3 -1228.1
1552	9.8	62856.6 -1258.0	1642	7.7	64232.3 -1230.5	1732	9.4	65326.9 -1216.5	1822	10.	70337.2 -1207.7
1553	9.6	62905.2 -1204.6	1643	9.0	64242.9 -1217.1	1733	9.0	65339.8 -1235.3	1823	8.9	70410.6 -1225.1
1554	9.5	62915.0 -1251.7	1644	9.5	64245.1 -1246.7	1734	9.3	65355.8 -1257.9	1824	8.6	70414.9 -1258.3
1555	9.5	62919.6 -1202.8	1645	9.2	64245.7 -1232.7	1735	9.1	65359.0 -1238.4	1825	9.0	70423.1 -1217.4
1556	9.0	62924.0 -1249.8	1646	9.5	64302.2 -1208.2	1736	8.7	65359.1 -1256.9	1826	10.	70426.5 -1237.5
1557	9.0	62924.3 -1243.1	1647	9.5	64303.6 -1259.1	1737	9.1	65408.5 -1239.0	1827	9.1	70427.6 -1217.4
1558	9.4	62942.5 -1238.6	1648	9.8	64306.7 -1251.3	1738	9.4	65427.0 -1231.6	1828	9.9	70439.5 -1210.4
1559	9.0	63010.5 -1243.8	1649	9.3	64312.2 -1205.9	1739	8.8	65445.7 -1207.5	1829	8.9	70441.4 -1237.4
1560	9.3	63013.3 -1243.2	1650	10.	64317.0 -1229.7	1740	8.2	65449.4 -1255.7	1830	9.8	70443.5 -1210.4
1561	9.3	63016.1 -1204.7	1651	8.3	64318.7 -1248.1	1741	9.5	65454.2 -1206.0	1831	9.2	70445.4 -1243.2
1562	8.6	63021.8 -1237.0	1652	7.6	64324.3 -1225.7	1742	9.2	65458.0 -1229.6	1832	7.8	70445.5 -1250.0
1563	8.8	63044.7 -1233.6	1653	9.4	64353.4 -1246.5	1743	9.8	65509.0 -1236.8	1833	9.5	70509.7 -1226.1
1564	9.8	63050.3 -1237.4	1654	9.1	64409.9 -1238.5	1744	9.5	65513.5 -1207.0	1834	9.6	70514.7 -1228.6
1565	9.0	63051.5 -1242.1	1655	10.	64411.0 -1232.9	1745	8.5	65524.4 -1218.0	1835	9.8	70520.6 -1246.5
1566	6.8	63059.7 -1250.6	1656	9.5	64420.7 -1258.0	1746	9.1	65524.4 -1234.9	1836	10.	70521.7 -1250.5
1567	9.4	63105.0 -1243.4	1657	9.8	64421.5 -1232.0	1747	8.8	65532.2 -1224.8	1837	10.	70525.2 -1257.9
1568	9.4	63106.9 -1227.5	1658	9.5	64430.2 -1212.5	1748	9.5	65553.6 -1201.9	1838	9.2	70534.4 -1242.7
1569	9.9	63132.3 -1222.4	1659	10.	64440.0 -1242.9	1749	9.8	65555.0 -1251.5	1839	9.8	70543.8 -1232.9
1570	9.5	63136.7 -1230.0	1660	9.2	64449.8 -1256.8	1750	8.0	65558.9 -1259.3	1840	9.4	70553.1 -1246.7
1571	8.5	63143.8 -1255.3	1661	8.8	64456.7 -1232.4	1751	9.3	65600.2 -1248.4	1841	9.8	70553.6 -1218.0
1572	9.3	63145.4 -1232.7	1662	9.1	64457.1 -1245.0	1752	8.0	65605.5 -1252.9	1842	8.5	70611.7 -1208.1
1573	9.5	63151.1 -1211.5	1663	10.	64505.2 -1250.3	1753	9.8	65625.8 -1210.0	1843	9.0	70613.6 -1221.8
1574	9.6	63151.6 -1227.1	1664	9.0	64511.4 -1257.5	1754	10.	65627.3 -1241.9	1844	9.0	70615.3 -1241.9
1575	10.	63200.7 -1250.9	1665	8.9	64513.0 -1242.1	1755	10.	65628.8 -1227.5	1845	9.0	70615.7 -1238.3
1576	9.5	63240.7 -1207.8	1666	9.7	64523.9 -1208.5	1756	9.0	65630.6 -1200.3	1846	10.	70615.7 -1226.4
1577	10.	63252.0 -1242.0	1667	9.5	64528.3 -1207.0	1757	9.1	65634.5 -1205.9	1847	9.0	70623.3 -1253.0
1578	9.5	63307.7 -1207.6	1668	9.1	64553.2 -1208.7	1758	9.8	65644.7 -1208.4	1848	9.5	70627.0 -1214.4
1579	10.	63310.8 -1254.1	1669	9.2	64555.8 -1212.8	1759	9.5	65702.7 -1208.5	1849	9.3	70637.5 -1200.3
1580	9.0	63328.0 -1232.5	1670	9.6	64558.8 -1255.0	1760	8.7	65706.8 -1220.7	1850	9.5	70648.2 -1220.9
1581	9.2	63341.1 -1247.5	1671	9.5	64607.7 -1230.4	1761	7.3	65711.8 -1252.8	1851	9.4	70652.1 -1256.1
1582	9.3	63351.6 -1254.2	1672	9.9	64613.7 -1250.6	1762	9.0	65717.4 -1255.8	1852	9.8	70659.1 -1238.6
1583	9.2	63405.3 -1254.5	1673	9.3	64615.6 -1225.3	1763	8.2	65718.6 -1204.5	1853	9.8	70700.8 -1255.4
1584	9.4	63409.6 -1230.1	1674	10.	64621.2 -1243.0	1764	9.1	65722.7 -1239.5	1854	9.6	70711.7 -1232.4

-12 1855 7h07m

-12 2214 7h48m

1855	10.	70713.9 -1234.1	1945	9.6	71737.1 -1252.0	2035	8.7	72740.9 -1203.2	2125	9.0	73834.5 -1205.4
1856	9.5	70714.2 -1222.9	1946	9.4	71737.2 -1256.5	2036	8.3	72746.5 -1231.9	2126	9.8	73843.4 -1230.0
1857	9.8	70722.1 -1221.0	1947	9.8	71740.0 -1259.9	2037	9.3	72746.8 -1251.0	2127	9.5	73850.6 -1204.7
1858	10.	70723.0 -1241.6	1948	9.6	71741.5 -1254.4	2038	9.5	72756.1 -1243.9	2128	10.	73858.9 -1220.5
1859	10.	70723.7 -1258.1	1949	9.4	71747.4 -1254.1	2039	10.	72813.0 -1227.2	2129	10.	73917.0 -1236.7
1860	7.9	70727.2 -1234.1	1950	9.8	71751.8 -1202.9	2040	9.4	72828.4 -1205.0	2130	8.0	73930.1 -1203.7
1861	9.0	70733.1 -1216.7	1951	9.7	71807.2 -1204.9	2041	9.4	72829.2 -1249.3	2131	9.3	73932.5 -1225.6
1862	9.5	70735.8 -1230.3	1952	9.6	71808.7 -1247.6	2042	9.4	72832.3 -1250.1	2132	10.	73939.4 -1208.9
1863	10.	70755.0 -1238.1	1953	9.5	71812.3 -1252.5	2043	10.	72833.5 -1238.0	2133	9.7	73941.2 -1250.7
1864	9.8	70825.3 -1255.4	1954	8.5	71812.8 -1203.2	2044	9.0	72857.0 -1227.5	2134	9.7	73950.3 -1259.7
1865	10.	70831.9 -1236.9	1955	9.5	71815.6 -1220.0	2045	9.0	72919.2 -1207.2	2135	6.8	73957.4 -1219.4
1866	9.8	70851.0 -1238.0	1956	9.8	71824.8 -1228.3	2046	10.	72926.3 -1211.7	2136	8.5	74009.3 -1259.8
1867	10.	70855.5 -1207.7	1957	9.1	71831.0 -1229.5	2047	10.	72939.0 -1241.5	2137	9.7	74018.8 -1216.4
1868	10.	70859.4 -1256.6	1958	9.8	71843.5 -1244.9	2048	10.	72950.1 -1226.1	2138	9.5	74019.6 -1249.3
1869	9.3	70902.1 -1258.4	1959	8.7	71856.5 -1217.4	2049	9.0	72956.7 -1210.1	2139	9.3	74019.9 -1257.8
1870	10.	70909.6 -1247.4	1960	9.1	71903.6 -1246.1	2050	9.0	72956.8 -1244.3	2140	9.3	74020.8 -1202.5
1871	7.3	70911.7 -1248.4	1961	9.1	71910.9 -1256.1	2051	9.8	72958.9 -1206.8	2141	9.8	74038.8 -1218.3
1872	8.1	70912.7 -1217.3	1962	9.0	71912.4 -1209.0	2052	8.4	73000.2 -1231.6	2142	10.	74046.6 -1248.1
1873	10.	70926.5 -1254.7	1963	9.0	71917.3 -1203.6	2053	9.6	73004.1 -1233.0	2143	9.5	74048.0 -1200.0
1874	9.4	70939.2 -1228.4	1964	9.8	71932.2 -1215.6	2054	9.1	73012.6 -1244.0	2144	9.5	74057.5 -1204.3
1875	9.9	70939.3 -1224.3	1965	9.0	71932.7 -1250.8	2055	9.0	73015.8 -1254.5	2145	8.7	74057.8 -1239.7
1876	9.8	70941.6 -1233.2	1966	10.	71936.6 -1249.0	2056	10.	73028.3 -1212.3	2146	9.1	74109.9 -1240.4
1877	9.2	71000.8 -1236.2	1967	10.	71938.3 -1251.2	2057	9.2	73040.2 -1250.3	2147	9.1	74112.1 -1223.0
1878	9.7	71004.9 -1240.8	1968	9.3	71939.2 -1241.2	2058	8.9	73047.9 -1259.0	2148	9.6	74123.3 -1215.3
1879	9.6	71007.2 -1235.5	1969	7.2	71952.9 -1254.0	2059	10.	73050.4 -1231.4	2149	9.2	74125.7 -1250.6
1880	9.3	71010.2 -1228.4	1970	9.8	71957.6 -1255.5	2060	9.0	73052.0 -1237.5	2150	9.3	74127.7 -1254.6
1881	9.3	71013.4 -1233.3	1971	8.5	71957.8 -1210.4	2061	9.8	73054.8 -1215.6	2151	9.2	74140.8 -1203.7
1882	9.0	71017.1 -1221.2	1972	9.8	71958.4 -1246.5	2062	9.1	73056.9 -1226.1	2152	9.8	74146.2 -1237.9
1883	8.5	71023.5 -1235.7	1973	9.1	72011.0 -1238.7	2063	9.5	73101.1 -1202.2	2153	9.0	74147.2 -1251.8
1884	9.3	71024.5 -1237.5	1974	9.0	72020.9 -1212.6	2064	10.	73110.3 -1224.5	2154	9.6	74201.8 -1256.6
1885	10.	71035.9 -1241.8	1975	9.8	72021.8 -1205.3	2065	9.1	73119.7 -1206.2	2155	9.5	74203.1 -1249.9
1886	9.2	71042.4 -1232.3	1976	9.2	72022.6 -1212.6	2066	9.0	73122.9 -1259.0	2156	10.	74204.5 -1244.6
1887	10.	71123.2 -1249.1	1977	9.8	72034.5 -1218.0	2067	9.5	73136.2 -1246.1	2157	9.5	74205.6 -1232.7
1888	10.	71123.7 -1236.0	1978	8.5	72037.7 -1203.9	2068	10.	73140.2 -1220.7	2158	9.5	74216.6 -1206.3
1889	9.3	71124.7 -1232.0	1979	8.5	72047.3 -1207.5	2069	10.	73146.3 -1237.6	2159	10.	74224.4 -1225.6
1890	9.9	71147.1 -1244.1	1980	10.	72058.8 -1258.2	2070	9.8	73155.1 -1219.3	2160	9.5	74229.6 -1207.4
1891	9.8	71155.9 -1213.8	1981	9.4	72104.3 -1223.9	2071	9.7	73203.8 -1218.2	2161	9.0	74233.6 -1253.9
1892	9.9	71200.8 -1226.5	1982	10.	72104.4 -1228.9	2072	10.	73205.2 -1244.1	2162	9.5	74234.8 -1218.1
1893	9.9	71201.0 -1230.2	1983	10.	72117.2 -1245.8	2073	9.8	73207.3 -1234.9	2163	10.	74238.9 -1239.4
1894	9.0	71222.4 -1259.9	1984	9.4	72125.7 -1225.4	2074	9.8	73212.9 -1225.8	2164	6.8	74244.3 -1258.8
1895	9.4	71227.4 -1259.3	1985	9.0	72127.3 -1250.0	2075	9.4	73214.0 -1253.4	2165	9.8	74258.2 -1229.6
1896	9.5	71230.4 -1208.4	1986	9.8	72131.4 -1228.2	2076	9.3	73249.7 -1206.8	2166	9.4	74259.5 -1205.6
1897	10.	71238.2 -1212.6	1987	9.8	72140.3 -1254.3	2077	9.8	73255.1 -1243.5	2167	10.	74308.7 -1252.1
1898	8.8	71238.2 -1214.7	1988	8.0	72142.9 -1239.8	2078	9.8	73255.4 -1238.1	2168	9.5	74310.0 -1203.8
1899	9.8	71242.6 -1210.3	1989	8.9	72216.8 -1203.4	2079	8.3	73259.8 -1211.1	2169	10.	74318.2 -1228.7
1900	9.7	71306.0 -1216.6	1990	9.0	72228.3 -1231.9	2080	9.8	73309.5 -1231.4	2170	9.3	74328.1 -1253.7
1901	9.7	71309.1 -1231.4	1991	7.5	72235.8 -1250.2	2081	10.	73310.2 -1249.9	2171	10.	74328.4 -1244.3
1902	9.5	71309.4 -1207.8	1992	9.2	72241.0 -1224.1	2082	9.8	73316.8 -1245.4	2172	9.8	74343.3 -1224.9
1903	9.5	71309.7 -1224.2	1993	8.9	72253.1 -1213.1	2083	9.0	73328.4 -1236.7	2173	9.8	74346.5 -1257.2
1904	8.7	71327.5 -1201.2	1994	8.7	72309.9 -1203.5	2084	9.1	73347.5 -1241.5	2174	8.5	74401.5 -1248.2
1905	9.4	71327.8 -1234.1	1995	10.	72321.1 -1213.0	2085	9.0	73350.0 -1201.8	2175	9.8	74419.1 -1251.7
1906	9.5	71402.4 -1256.6	1996	9.9	72343.6 -1241.7	2086	9.4	73350.1 -1247.8	2176	8.1	74426.2 -1214.6
1907	9.5	71405.8 -1232.0	1997	9.2	72357.4 -1227.8	2087	8.5	73352.8 -1258.7	2177	9.9	74435.0 -1223.1
1908	9.8	71421.5 -1221.7	1998	8.0	72407.8 -1252.0	2088	9.9	73353.3 -1205.6	2178	9.6	74435.4 -1228.8
1909	8.8	71422.4 -1201.0	1999	9.2	72416.6 -1230.0	2089	9.4	73424.2 -1212.0	2179	7.0	74454.5 -1227.0
1910	9.8	71427.2 -1251.1	2000	10.	72423.5 -1208.9	2090	9.7	73429.7 -1251.0	2180	10.	74456.0 -1238.8
1911	8.8	71429.5 -1240.0	2001	9.1	72424.4 -1256.0	2091	9.1	73440.4 -1219.9	2181	9.3	74503.0 -1202.6
1912	10.	71430.9 -1234.8	2002	9.1	72427.4 -1228.9	2092	9.2	73509.5 -1251.6	2182	9.0	74503.1 -1236.0
1913	9.2	71436.8 -1257.6	2003	10.	72431.2 -1247.8	2093	10.	73514.7 -1228.5	2183	9.0	74504.8 -1219.6
1914	9.3	71437.5 -1223.1	2004	9.3	72431.9 -1220.0	2094	9.5	73517.3 -1243.5	2184	9.5	74507.4 -1243.7
1915	9.0	71449.0 -1244.2	2005	9.2	72432.7 -1225.1	2095	9.0	73522.8 -1232.4	2185	9.6	74520.4 -1210.7
1916	9.6	71450.1 -1246.7	2006	9.3	72434.8 -1213.2	2096	8.7	73524.3 -1256.1	2186	10.	74542.6 -1231.5
1917	10.	71453.7 -1249.8	2007	9.5	72440.3 -1235.5	2097	9.3	73535.8 -1215.5	2187	10.	74550.3 -1215.0
1918	10.	71455.9 -1221.0	2008	10.	72443.3 -1244.4	2098	8.3	73552.9 -1238.5	2188	9.4	74556.9 -1216.6
1919	10.	71506.8 -1258.7	2009	8.5	72448.5 -1228.2	2099	9.7	73554.2 -1213.6	2189	8.8	74559.8 -1237.9
1920	9.1	71522.3 -1221.4	2010	9.6	72457.7 -1241.6	2100	8.5	73605.4 -1219.9	2190	9.2	74601.0 -1244.3
1921	10.	71529.5 -1228.1	2011	9.5	72510.7 -1229.1	2101	9.0	73612.1 -1234.3	2191	10.	74618.2 -1232.8
1922	9.5	71538.4 -1211.8	2012	9.5	72512.3 -1226.5	2102	9.1	73612.7 -1213.0	2192	9.2	74621.4 -1225.5
1923	9.5	71544.2 -1201.5	2013	10.	72525.1 -1235.4	2103	9.8	73616.8 -1254.6	2193	10.	74625.5 -1246.8
1924	9.1	71600.5 -1238.5	2014	8.8	72526.7 -1245.4	2104	8.9	73627.5 -1203.4	2194	9.7	74653.5 -1233.6
1925	9.2	71605.4 -1230.6	2015	9.8	72532.3 -1211.5	2105	9.5	73630.6 -1241.6	2195	10.	74654.6 -1208.9
1926	9.4	71612.5 -1216.6	2016	9.0	72548.2 -1234.5	2106	9.5	73630.7 -1237.4	2196	10.	74707.0 -1235.1
1927	8.7	71613.6 -1215.0	2017	9.0	72549.0 -1234.5	2107	9.8	73634.5 -1244.8	2197	9.6	74707.8 -1217.2
1928	9.4	71619.5 -1221.0	2018	8.9	72555.1 -1234.2	2108	9.5	73635.3 -1259.5	2198	10.	74714.4 -1255.5
1929	9.2	71622.0 -1218.8	2019	9.3	72610.4 -1230.8	2109	9.6	73650.5 -1241.3	2199	9.3	74719.8 -1243.4
1930	9.3	71632.0 -1218.0	2020	9.0	72616.2 -1246.0	2110	9.8	73653.8 -1216.5	2200	9.8	74722.0 -1259.0
1931	10.	71636.8 -1229.7	2021	9.3	72619.7 -1244.0	2111	8.5	73654.9 -1225.4	2201	8.8	74722.2 -1243.1
1932	9.3	71640.0 -1211.5	2022	9.9	72622.4 -1228.9	2112	10.	73656.9 -1233.8	2202	9.1	74728.8 -1253.8
1933	8.9	71641.0 -1223.5	2023	9.4	72623.9 -1241.2	2113	10.	73659.9 -1221.3	2203	9.6	74733.1 -1212.7
1934	9.1	71644.0 -1219.0	2024	10.	72626.8 -1253.4	2114	9.5	73714.3 -1257.2	2204	8.4	74748.9 -1227.1
1935	9.8	71645.4 -1238.4	2025	8.8	72634.9 -1248.5	2115	10.	73714.8 -1222.7	2205	10	74750.2 -1215.0
1936	9.4	71653.3 -1252.4	2026	9.4	72635.5 -1243.1	2116	10.	73721.9 -1235.2	2206	8.6	74753.2 -1217.9
1937	9.1	71703.9 -1212.5	2027	9.6	72637.1 -1242.1	2117	9.4	73724.1 -1243.2	2207	8.8	74808.8 -1233.4
1938	8.8	71707.3 -1242.6	2028	9.8	72645.3 -1244.7	2118	9.2	73732.1 -1230.6	2208	8.1	74812.0 -1254.0
1939	9.2	71708.2 -1201.6	2029	10.	72650.5 -1214.2	2119	10.	73732.3 -1243.5	2209	10.	74820.9 -1249.0
1940	9.5	71713.0 -1251.6	2030	9.8	72651.5 -1208.8	2120	9.3	73736.5 -1225.6	2210	10.	74822.1 -1241.7
1941	9.4	71716.6 -1207.6	2031	9.0	72703.8 -1253.2	2121	9.0	73808.6 -1248.0	2211	10.	74823.4 -1236.3
1942	9.0	71717.3 -1229.0	2032	8.3	72723.9 -1243.6	2122	9.6	73821.4 -1236.2	2212	9.8	74830.4 -1237.7
1943	9.8	71727.9 -1257.0	2033	9.8	72729.7 -1229.2	2123	9.1	73828.7 -1212.3	2213	9.3	74840.5 -1242.3
1944	9.3	71731.0 -1203.3	2034	9.1	72733.9 -1215.8	2124	9.8	73829.8 -1216.5	2214	9.2	74844.8 -1259.2

-12 2215 7h48m

-12 2574 8h26m

2215	9.3	74847.8	-1214.2	2305	10.	75659.0	-1237.8	2395	9.1	80531.9	-1226.1
2216	10.	74901.4	-1223.1	2306	9.8	75702.2	-1250.5	2396	9.6	80536.5	-1240.5
2217	6.8	74911.8	-1213.6	2307	10.	75705.9	-1201.0	2397	9.8	80536.5	-1257.9
2218	9.8	74912.0	-1246.5	2308	9.4	75708.3	-1221.8	2398	9.4	80552.0	-1234.2
2219	10.	74913.9	-1222.1	2309	9.8	75708.7	-1219.5	2399	9.5	80609.0	-1240.9
2220	9.4	74914.8	-1240.9	2310	9.6	75709.7	-1216.1	2400	9.3	80610.9	-1209.6
2221	10.	74929.5	-1202.7	2311	9.3	75711.6	-1234.7	2401	9.5	80612.0	-1227.5
2222	10.	74930.6	-1229.8	2312	9.1	75717.3	-1234.3	2402	9.5	80614.2	-1238.8
2223	9.7	74935.3	-1259.1	2313	8.9	75730.0	-1232.3	2403	7.7	80618.6	-1216.8
2224	10.	74937.1	-1252.6	2314	10.	75739.3	-1249.7	2404	9.3	80621.9	-1201.4
2225	9.7	74937.8	-1244.3	2315	7.7	75742.0	-1243.5	2405	9.1	80629.9	-1242.1
2226	9.7	74943.3	-1224.1	2316	9.6	75743.7	-1249.5	2406	9.7	80631.1	-1249.8
2227	10.	74954.7	-1213.1	2317	9.2	75757.1	-1246.8	2407	9.1	80632.1	-1243.4
2228	10.	74956.4	-1221.2	2318	9.5	75800.4	-1246.2	2408	9.4	80637.1	-1234.9
2229	7.5	74958.4	-1232.9	2319	9.5	75809.7	-1225.1	2409	10.	80643.4	-1237.6
2230	9.9	75011.7	-1202.7	2320	10.	75826.0	-1240.1	2410	9.8	80644.2	-1253.2
2231	8.6	75014.6	-1202.8	2321	9.6	75829.6	-1220.3	2411	10.	80707.8	-1228.5
2232	9.8	75018.6	-1235.7	2322	9.5	75830.7	-1205.8	2412	10.	80708.9	-1242.3
2233	9.3	75025.5	-1247.9	2323	10.	75833.1	-1236.7	2413	10.	80721.7	-1224.0
2234	9.3	75026.7	-1253.3	2324	9.7	75840.7	-1217.0	2414	9.6	80733.0	-1230.9
2235	10.	75031.0	-1259.1	2325	9.8	75843.0	-1204.4	2415	10.	80801.3	-1220.3
2236	9.9	75038.1	-1229.0	2326	9.8	75843.9	-1217.6	2416	8.8	80810.1	-1259.6
2237	9.8	75041.3	-1234.4	2327	10.	75859.1	-1212.8	2417	9.8	80827.9	-1242.8
2238	9.7	75050.3	-1225.4	2328	8.5	75904.6	-1237.2	2418	9.7	80835.2	-1251.4
2239	9.3	75052.0	-1253.9	2329	8.9	75909.3	-1231.7	2419	9.8	80849.1	-1232.8
2240	9.5	75052.5	-1254.8	2330	8.8	75918.5	-1215.4	2420	9.4	80849.5	-1200.7
2241	9.8	75057.7	-1207.1	2331	10.	75921.6	-1226.3	2421	9.8	80855.7	-1250.0
2242	9.8	75058.4	-1222.9	2332	9.6	75925.6	-1238.4	2422	9.9	80856.5	-1230.5
2243	9.1	75110.0	-1258.6	2333	9.3	75929.9	-1236.9	2423	9.5	80857.8	-1200.7
2244	9.8	75118.7	-1211.3	2334	8.8	75931.3	-1252.1	2424	9.4	80901.8	-1243.8
2245	9.6	75131.7	-1255.2	2335	9.8	75935.5	-1208.2	2425	9.7	80903.6	-1240.0
2246	9.4	75135.0	-1252.3	2336	9.2	75936.5	-1248.4	2426	9.5	80904.3	-1212.8
2247	8.3	75143.3	-1234.8	2337	9.3	75939.8	-1224.2	2427	10.	80913.5	-1219.6
2248	10.	75146.3	-1244.6	2338	8.3	75939.8	-1242.1	2428	9.2	80913.8	-1218.3
2249	9.4	75149.2	-1233.0	2339	9.4	75947.6	-1241.2	2429	9.8	80913.9	-1223.3
2250	9.8	75158.7	-1213.5	2340	9.4	80000.1	-1213.6	2430	9.0	80917.3	-1232.0
2251	9.5	75205.4	-1211.0	2341	9.8	80025.5	-1235.6	2431	9.2	80914.4	-1211.0
2252	8.7	75208.4	-1255.4	2342	10.	80032.4	-1228.9	2432	9.4	80916.6	-1226.0
2253	9.3	75210.3	-1247.0	2343	9.8	80034.3	-1210.9	2433	9.3	80915.8	-1227.6
2254	9.4	75212.2	-1230.1	2344	8.9	80045.9	-1254.6	2434	10.	81002.7	-1251.9
2255	9.7	75221.1	-1239.4	2345	9.5	80050.5	-1223.0	2435	8.3	81002.9	-1208.6
2256	9.6	75222.0	-1259.9	2346	8.9	80058.0	-1232.1	2436	9.0	81007.6	-1207.6
2257	9.6	75228.7	-1216.5	2347	9.8	80113.8	-1224.0	2437	9.5	81013.4	-1212.0
2258	10.	75238.8	-1209.3	2348	10.	80115.2	-1245.1	2438	8.3	81020.9	-1226.5
2259	8.7	75239.0	-1256.2	2349	10.	80117.1	-1246.2	2439	9.8	81024.7	-1254.4
2260	8.5	75242.1	-1207.0	2350	9.3	80119.9	-1230.4	2440	9.7	81027.4	-1211.5
2261	9.5	75250.4	-1253.5	2351	9.8	80126.9	-1204.9	2441	9.0	81031.1	-1232.3
2262	10.	75253.2	-1215.3	2352	8.9	80144.1	-1237.7	2442	10.	81032.0	-1250.4
2263	7.6	75258.3	-1228.2	2353	9.7	80148.6	-1202.3	2443	10.	81041.8	-1232.0
2264	8.7	75311.7	-1258.0	2354	9.8	80154.1	-1214.7	2444	9.6	81042.6	-1214.4
2265	9.8	75314.5	-1246.2	2355	8.6	80159.2	-1219.8	2445	9.8	81058.9	-1236.0
2266	9.3	75334.2	-1239.9	2356	9.4	80220.4	-1206.7	2446	9.8	81100.1	-1217.9
2267	9.1	75334.9	-1251.4	2357	9.5	80221.5	-1257.9	2447	9.8	81127.9	-1221.4
2268	9.3	75336.5	-1208.5	2358	9.7	80225.9	-1243.2	2448	10.	81130.5	-1252.7
2269	8.5	75339.6	-1206.5	2359	10.	80242.3	-1250.6	2449	6.3	81131.6	-1208.7
2270	9.5	75353.7	-1239.6	2360	8.7	80252.6	-1228.5	2450	9.5	81141.2	-1259.5
2271	10.	75355.1	-1237.8	2361	9.7	80301.2	-1228.5	2451	9.3	81142.0	-1247.2
2272	9.0	75356.4	-1240.1	2362	9.7	80302.3	-1231.8	2452	9.6	81142.4	-1239.9
2273	8.9	75359.7	-1240.6	2363	9.8	80306.5	-1200.2	2453	9.6	81149.6	-1209.3
2274	9.0	75401.6	-1238.9	2364	9.2	80309.4	-1219.4	2454	10.	81150.5	-1224.1
2275	30.0	75401.7	-1226.6	2365	10.	80311.5	-1251.4	2455	10.	81153.2	-1217.3
2276	9.2	75406.7	-1259.6	2366	9.5	80315.8	-1233.0	2456	9.3	81201.4	-1239.0
2277	9.8	75411.3	-1216.0	2367	9.8	80317.5	-1223.8	2457	8.8	81202.4	-1231.7
2278	9.7	75427.7	-1222.8	2368	9.3	80321.0	-1246.4	2458	9.6	81204.5	-1241.8
2279	8.7	75436.4	-1249.5	2369	9.3	80324.2	-1246.4	2459	9.4	81215.7	-1243.9
2280	8.3	75437.4	-1223.4	2370	9.0	80325.1	-1244.3	2460	9.4	81225.0	-1252.8
2281	10.	75440.3	-1215.3	2371	10.	80328.8	-1225.3	2461	9.1	81243.4	-1258.5
2282	9.3	75446.3	-1223.9	2372	9.5	80334.4	-1205.0	2462	8.8	81254.1	-1222.5
2283	8.8	75453.6	-1219.9	2373	10.	80347.9	-1224.2	2463	7.0	81305.4	-1224.2
2284	9.5	75455.7	-1219.0	2374	9.8	80349.1	-1227.4	2464	9.3	81308.9	-1205.6
2285	9.9	75502.1	-1242.2	2375	9.0	80354.2	-1201.4	2465	9.4	81316.6	-1254.1
2286	9.1	75508.8	-1208.9	2376	9.8	80355.0	-1215.0	2466	9.5	81322.0	-1236.1
2287	10.	75509.1	-1210.9	2377	9.7	80359.4	-1247.7	2467	10.	81340.3	-1204.0
2288	8.3	75518.7	-1223.9	2378	9.5	80401.7	-1225.0	2468	9.6	81342.8	-1223.2
2289	10.	75522.0	-1237.3	2379	9.2	80401.8	-1220.2	2469	9.6	81400.0	-1258.2
2290	9.9	75530.9	-1230.2	2380	9.5	80402.5	-1227.8	2470	9.2	81414.4	-1208.2
2291	9.0	75531.8	-1224.4	2381	9.7	80412.9	-1224.8	2471	10.	81420.1	-1249.1
2292	9.9	75534.5	-1219.2	2382	9.2	80421.2	-1237.6	2472	9.6	81420.8	-1224.6
2293	9.1	75539.1	-1247.8	2383	9.0	80424.0	-1230.1	2473	10.	81423.5	-1231.7
2294	9.7	75550.7	-1241.6	2384	9.4	80427.8	-1247.8	2474	9.5	81433.7	-1220.3
2295	9.9	75553.8	-1208.1	2385	5.0	80428.1	-1229.9	2475	9.3	81434.9	-1234.8
2296	9.8	75606.4	-1242.4	2386	9.5	80441.8	-1254.8	2476	10.	81439.9	-1256.1
2297	10.	75619.4	-1200.0	2387	8.9	80450.7	-1212.5	2477	9.4	81442.0	-1254.3
2298	9.4	75620.2	-1253.9	2388	9.5	80450.9	-1235.7	2478	9.8	81444.6	-1221.9
2299	10.	75630.3	-1223.5	2389	9.8	80453.3	-1250.5	2479	9.8	81452.1	-1224.0
2300	9.0	75633.0	-1229.2	2390	8.8	80459.1	-1214.9	2480	10.	81506.3	-1224.9
2301	9.1	75633.3	-1236.3	2391	9.8	80509.4	-1252.8	2481	9.3	81510.0	-1255.2
2302	8.5	75637.1	-1248.0	2392	9.1	80512.8	-1227.3	2482	9.3	81512.7	-1219.2
2303	9.8	75654.9	-1215.3	2393	9.5	80524.1	-1241.4	2483	9.3	81528.5	-1206.3
2304	10.	75657.4	-1226.1	2394	9.4	80524.5	-1229.9	2484	9.3	81530.9	-1226.1
2485	10.	81539.6	-1249.6								
2486	9.5	81540.5	-1220.5								
2487	8.6	81547.1	-1211.7								
2488	10.	81549.7	-1202.8								
2489	9.6	81558.6	-1251.8								
2490	6.6	81559.1	-1235.3								
2491	9.7	81613.2	-1227.0								
2492	10.	81619.8	-1232.0								
2493	9.8	81623.9	-1233.5								
2494	9.8	81628.3	-1259.1								
2495	9.5	81631.5	-1237.6								
2496	9.8	81639.2	-1220.2								
2497	8.5	81639.6	-1202.1								
2498	9.0	81648.1	-1246.5								
2499	9.2	81704.1	-1245.6								
2500	8.8	81707.2	-1214.2								
2501	8.7	81721.7	-1219.6								
2502	9.4	81729.3	-1201.4								
2503	9.4	81729.4	-1243.4								
2504	9.4	81742.7	-1211.8								
2505	9.8	81750.6	-1209.6								
2506	9.5	81753.4	-1219.6								
2507	9.4	81755.6	-1254.8								
2508	9.8	81800.3	-1209.5								
2509	9.4	81805.4	-1200.3								
2510	7.0	81810.7	-1217.3								
2511	9.7	81821.4	-1237.8								
2512	9.8	81833.1	-1238.0								
2513	9.4	81836.2	-1208.2								
2514	9.7	81837.5	-1256.0								
2515	9.8	81842.6	-1226.8								
2516	9.7	81913.4	-1229.1								
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2519	9.3	81935.6	-1217.0								
2520	9.8	81943.7	-1251.3								
2521	10.	81944.3	-1248.4								
2522	9.1	81948.4	-1225.9								
2523	9.3	81949.8	-1210.6								
2524	6.0	81952.0	-1203.5								
2525	10.	81955.4	-1227.6								
2526	10.	81956.0	-1217.9								
2527	9.3	81956.6	-1252.7								
2528	9.8	81957.3	-1237.0								
2529	10.	82001.0	-1216.8								
2530	8.3	82001.7	-1224.0								
2531	9.2	82007.9	-1216.8								
2532	10.	82015.9	-1208.5								
2533	9.5	82029.8	-1206.4								
2534	9.2	82032.5	-1240.3								
2535	10.	82046.8	-1216.1								
2536	10.	82047.0	-1252.1								
2537	8.8	82055.2	-1217.5								
2538	9.6	82100.8	-1253.6								
2539	9.8	82101.6	-1244.7								
2540	9.8	82111.9	-1258.3								
2541	9.1	82113.8	-1235.0								
2542	9.5	82115.5	-1216.1								
2543	8.5	82121.9	-1245.6								
2544	9.8	82122.9	-1241.4								
2545	9.1	82123.7	-1209.3								
2546	8.5	82130.2	-1211.3								
2547	8.8	82135.0	-1215.0								
2548	9.4	82207.5	-1242.9								
2549	9.0	82225.1	-1258.0								
2550	9.4	82227.6	-1233.3								
2551	8.3	82234.3	-1224.6								
2552	8.1	82236.1	-1221.6								
2553	9.5	82256.2	-1235.2								
2554	9.1	82309.5	-1217.3								
2555	9.3	82317.0	-1252.0								
2556	9.3	82329.8	-1233.3								
2557	7.2	82336.5	-1258.8								
2558	8.2	82337.9	-1208.6								
2559	9.1	82344.5	-1252.0								
2560	9.1	82350.8	-1227.3								
2561	9.5	82402.7	-1236.6								
2562	8.9	82403.2	-1209.8								
2563	10.	82410.4	-1242.9								
2564	10.	82416.9	-1222.6								
2565	9.4	82458.2	-1202.4								
2566	9.1	82458.6	-1256.4								
2567	9.5	82506.4	-1201.6								
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2569	9.3	82538.8	-1224.4								
2570	9.6	82538.8	-1201.0								
2571	10.	82550.5	-1224.4								
2572	9.3	82553.0	-1222.4								
2573	9.0	82613.1	-1228.0								
2574	9.5	82624.9	-1232.0								

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2575	8.5	82628.6	-1258.1	2665	9.1	83900.2	-1242.0	2755	9.5	85232.8	-1223.7	2845	9.2	90946.1	-1241.7
2576	9.4	82629.0	-1221.7	2666	9.1	83916.4	-1256.5	2756	9.6	85244.3	-1250.8	2846	9.8	90946.6	-1251.9
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2579	9.5	82640.6	-1259.8	2669	9.2	83951.2	-1249.6	2759	8.8	85325.2	-1250.7	2849	9.2	91015.7	-1209.4
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2582	9.6	82706.2	-1234.0	2672	8.7	84031.0	-1256.9	2762	8.5	85353.9	-1215.2	2852	8.8	91056.8	-1246.7
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2585	9.7	82744.5	-1251.0	2675	8.0	84044.4	-1259.5	2765	10.	85448.4	-1228.0	2855	9.4	91112.8	-1213.5
2586	9.0	82759.2	-1201.5	2676	9.8	84112.0	-1203.8	2766	9.7	85502.3	-1257.5	2856	10.	91140.0	-1258.2
2587	9.7	82809.8	-1205.9	2677	9.5	84118.9	-1211.3	2767	10.	85508.1	-1246.8	2857	9.8	91214.0	-1248.6
2588	9.4	82813.5	-1250.2	2678	9.3	84127.0	-1250.0	2768	9.5	85525.6	-1208.7	2858	9.9	91217.2	-1232.1
2589	9.5	82829.0	-1224.5	2679	9.8	84135.1	-1217.7	2769	9.3	85527.2	-1222.4	2859	10.	91225.4	-1206.1
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2591	9.5	82833.4	-1215.8	2681	9.6	84137.6	-1218.9	2771	9.0	85553.7	-1211.8	2861	9.4	91248.3	-1245.7
2592	9.4	82840.9	-1235.5	2682	10.	84147.1	-1254.4	2772	9.1	85613.9	-1230.4	2862	9.4	91248.3	-1247.8
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2594	9.1	82844.5	-1233.6	2684	9.3	84205.5	-1235.9	2774	9.8	85641.2	-1202.8	2864	7.0	91258.5	-1241.5
2595	9.1	82848.0	-1232.0	2685	9.2	84207.9	-1217.7	2775	9.8	85655.3	-1256.4	2865	9.9	91312.4	-1258.2
2596	9.1	82852.8	-1208.4	2686	8.5	84210.3	-1211.7	2776	9.2	85657.0	-1202.6	2866	10.	91325.7	-1236.1
2597	9.4	82857.9	-1214.7	2687	9.2	84211.7	-1207.0	2777	8.8	85726.1	-1215.9	2867	9.5	91335.2	-1216.3
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2601	9.8	82934.4	-1233.8	2691	9.4	84226.1	-1227.5	2781	9.0	85759.1	-1227.0	2871	9.1	91407.3	-1212.2
2602	9.8	83003.8	-1206.5	2692	9.4	84227.8	-1220.4	2782	9.1	85811.0	-1207.0	2872	8.8	91414.2	-1246.4
2603	9.4	83020.3	-1235.4	2693	9.3	84229.7	-1231.0	2783	9.8	85813.7	-1255.1	2873	10.	91419.0	-1243.9
2604	9.4	83020.7	-1228.1	2694	9.4	84238.3	-1211.9	2784	8.3	85819.5	-1231.4	2874	9.2	91423.3	-1259.9
2605	9.3	83030.4	-1247.6	2695	9.8	84247.3	-1239.5	2785	8.5	85824.2	-1220.4	2875	9.5	91425.1	-1224.1
2606	9.2	83033.7	-1206.6	2696	9.9	84254.9	-1215.0	2786	9.0	85830.1	-1247.3	2876	9.4	91440.6	-1224.8
2607	6.7	83042.8	-1205.0	2697	9.3	84321.6	-1232.1	2787	9.7	85839.6	-1246.5	2877	7.5	91455.9	-1255.2
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2609	7.8	83056.7	-1201.6	2699	9.7	84326.5	-1238.2	2789	9.4	85846.6	-1230.8	2879	9.5	91535.4	-1208.4
2610	7.3	83100.8	-1211.7	2700	9.2	84328.3	-1247.4	2790	8.7	85847.1	-1220.4	2880	9.1	91539.8	-1201.9
2611	9.1	83108.4	-1252.6	2701	9.3	84329.3	-1246.9	2791	9.0	85859.7	-1253.1	2881	9.4	91551.5	-1249.2
2612	9.2	83114.3	-1211.9	2702	9.1	84329.8	-1211.8	2792	9.1	85907.0	-1238.6	2882	9.9	91554.3	-1254.4
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2614	10.	83131.0	-1257.0	2704	8.4	84338.9	-1246.0	2794	9.5	85930.6	-1221.4	2884	9.9	91649.3	-1257.5
2615	9.8	83137.1	-1227.5	2705	9.4	84359.9	-1249.8	2795	9.0	85935.0	-1213.7	2885	9.7	91702.0	-1237.9
2616	8.5	83143.8	-1242.0	2706	9.3	84406.5	-1233.2	2796	9.1	85937.7	-1249.5	2886	9.5	91704.1	-1219.7
2617	9.1	83148.1	-1247.6	2707	9.5	84420.3	-1211.6	2797	9.5	85954.3	-1230.1	2887	8.5	91719.2	-1214.1
2618	9.0	83155.8	-1245.4	2708	9.4	84456.8	-1210.3	2798	9.5	90003.6	-1216.7	2888	9.0	91802.4	-1240.3
2619	8.5	83205.9	-1219.5	2709	10.	84503.1	-1258.6	2799	9.5	90019.5	-1222.0	2889	9.1	91803.6	-1219.8
2620	6.9	83223.3	-1213.3	2710	9.1	84504.3	-1245.2	2800	7.0	90020.6	-1243.7	2890	9.4	91826.5	-1222.0
2621	9.5	83227.1	-1232.4	2711	9.8	84509.8	-1243.9	2801	9.8	90040.1	-1248.8	2891	8.0	91839.9	-1242.2
2622	9.8	83235.0	-1227.7	2712	10.	84525.4	-1257.0	2802	8.7	90041.7	-1206.1	2892	8.5	91916.8	-1252.3
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2624	9.8	83327.9	-1203.6	2714	7.0	84527.0	-1216.1	2804	9.7	90135.2	-1231.3	2894	10.	91929.8	-1254.1
2625	9.7	83336.8	-1231.1	2715	9.8	84530.0	-1236.3	2805	10.	90135.7	-1206.9	2895	9.4	91931.4	-1235.3
2626	9.1	83353.6	-1206.5	2716	6.2	84537.7	-1241.0	2806	9.4	90144.7	-1254.6	2896	7.5	92005.6	-1217.2
2627	9.5	83358.3	-1237.4	2717	9.5	84539.8	-1217.6	2807	9.0	90208.0	-1218.1	2897	9.0	92012.7	-1203.0
2628	9.1	83408.2	-1238.9	2718	9.4	84544.7	-1216.2	2808	9.0	90220.5	-1234.4	2898	9.1	92022.3	-1253.8
2629	9.8	83431.4	-1231.7	2719	9.4	84546.4	-1251.6	2809	8.8	90222.3	-1215.1	2899	9.1	92052.0	-1204.1
2630	9.1	83438.2	-1237.3	2720	8.5	84546.7	-1230.3	2810	9.1	90224.1	-1236.2	2900	9.8	92058.6	-1210.0
2631	9.3	83439.5	-1258.5	2721	9.0	84610.7	-1239.6	2811	10.	90229.2	-1226.7	2901	10.	92101.2	-1235.0
2632	8.8	83440.5	-1216.6	2722	9.4	84613.1	-1203.8	2812	10.	90233.3	-1223.1	2902	9.7	92129.5	-1229.3
2633	9.5	83449.9	-1207.4	2723	10.	84635.4	-1254.4	2813	10.	90238.1	-1206.0	2903	9.9	92133.9	-1238.8
2634	9.7	83513.0	-1227.6	2724	8.5	84657.3	-1244.4	2814	9.5	90302.6	-1251.0	2904	9.8	92154.7	-1206.7
2635	9.5	83513.0	-1214.5	2725	9.3	84707.5	-1218.2	2815	8.9	90311.6	-1232.5	2905	8.2	92157.6	-1256.3
2636	8.1	83530.3	-1246.7	2726	9.4	84713.7	-1212.7	2816	8.7	90324.8	-1235.1	2906	9.9	92159.2	-1229.9
2637	10.	83534.0	-1255.8	2727	9.2	84752.6	-1251.1	2817	10.	90356.7	-1234.1	2907	10.	92208.8	-1241.5
2638	9.8	83540.1	-1255.9	2728	9.5	84758.0	-1202.5	2818	8.2	90400.1	-1204.0	2908	9.6	92217.2	-1202.3
2639	10.	83544.7	-1231.5	2729	8.9	84830.3	-1246.0	2819	9.9	90408.2	-1244.9	2909	9.7	92245.9	-1246.8
2640	9.5	83606.4	-1252.0	2730	8.7	84831.2	-1217.3	2820	10.	90421.2	-1243.6	2910	10.	92246.5	-1251.6
2641	9.5	83613.6	-1204.8	2731	9.7	84833.8	-1248.7	2821	10.	90425.6	-1258.6	2911	9.0	92248.5	-1245.5
2642	9.6	83623.5	-1218.0	2732	10.	84864.2	-1228.3	2822	9.6	90437.0	-1210.0	2912	8.3	92249.8	-1206.0
2643	9.7	83627.4	-1219.0	2733	9.3	84902.7	-1259.8	2823	9.5	90444.1	-1223.5	2913	9.0	92318.0	-1206.0
2644	9.1	83647.6	-1229.8	2734	9.4	84906.9	-1220.3	2824	9.8	90459.4	-1214.0	2914	9.3	92319.6	-1228.4
2645	9.8	83648.8	-1247.5	2735	9.8	84918.3	-1202.9	2825	9.0	90510.9	-1249.1	2915	9.1	92326.2	-1235.5
2646	9.3	83649.2	-1231.1	2736	9.8	84939.4	-1238.4	2826	8.6	90516.4	-1246.0	2916	10.	92327.6	-1229.3
2647	9.8	83659.5	-1217.6	2737	9.4	84942.6	-1207.5	2827	10.	90521.3	-1228.8	2917	9.1	92357.7	-1252.8
2648	9.2	83701.1	-1242.1	2738	9.5	85005.2	-1216.2	2828	9.4	90544.3	-1220.8	2918	9.5	92415.7	-1251.7
2649	10.	83703.8	-1241.7	2739	9.7	85009.3	-1248.2	2829	9.8	90619.4	-1204.5	2919	9.5	92421.7	-1200.2
2650	9.1	83710.0	-1220.4	2740	9.7	85011.8	-1243.7	2830	9.6	90621.4	-1237.8	2920	8.5	92438.3	-1226.0
2651	9.8	83710.1	-1250.4	2741	9.8	85019.2	-1246.4	2831	9.3	90638.7	-1237.4	2921	9.1	92451.3	-1226.3
2652	9.3	83718.0	-1231.0	2742	8.6	85027.6	-1219.3	2832	8.6	90657.0	-1239.8	2922	9.4	92504.7	-1223.6
2653	9.1	83718.3	-1237.9	2743	10.	85030.0	-1248.2	2833	9.4	90711.0	-1209.0	2923	9.2	92511.2	-1216.7
2654	9.1	83719.7	-1229.7	2744	9.5	85031.1	-1207.1	2834	9.5	90729.3	-1211.5	2924	9.0	92552.3	-1237.4
2655	9.2	83728.9	-1255.7	2745	9.5	85032.0	-1259.8	2835	9.6	90735.7	-1228.3	2925	10.	92552.9	-1256.8
2656	8.8	83739.4	-1207.3	2746	9.5	85034.4	-1231.7	2836	9.3	90753.5	-1220.2	2926	8.0	92557.9	-1252.5
2657	9.0	83740.9	-1240.5	2747	9.5	85034.5	-1232.6	2837	9.4	90800.1	-1201.3	2927	8.5	92618.3	-1233.1
2658	9.1	83743.5	-1228.1	2748	9.7	85049.2	-1231.3	2838	9.8	90806.8	-1222.3	2928	9.4	92650.4	-1216.8
2659	8.3	83815.3	-1253.0	2749	8.9	85055.7	-1231.9	2839	8.5	90813.9	-1216.2	2929	9.5	92650.8	-1252.8
2660	9.5	83829.4	-1208.4	2750	9.8	85120.0	-1202.3	2840	9.2	90836.7	-1235.9	2930	9.4	92650.9	-1251.0
2661	9.2	83843.1	-1244.8	2751	8.8	85149.1	-1236.6	2841	7.5	90845.4	-1231.6	2931	9.3	92706.2	-1214.2
2662	9.8	83843.5	-1218.4	2752	9.4	85151.4	-1214.0	2842	9.4	90900.7	-1210.4	2932	9.3	92714.1	-1252.8
2663	8.0	83853.1	-1245.4	2753	9.7	85201.2	-1245.2	2843	9.5	90905.8	-1222.0	2933	10.	92719.7	-1233.6
2664	8.8	83854.3	-1208.4	2754	9.4	85206.3	-1253.3	2844	9.8	90928.1	-1217.8	2934	9.5	92725.3	-1235.8

-12 2934 9h27m

2935	9.7	92740.0	-1232.2	3025	9.4	94752.9	-1202.2	3115	10.	100621.4	-1247.1	3205	7.0	102813.7	-1206.2
2936	10.	92748.3	-1254.1	3026	9.2	94800.1	-1248.3	3116	9.8	100631.8	-1233.6	3206	9.1	102819.2	-1208.2
2937	9.8	92806.7	-1214.2	3027	10.	94826.9	-1222.0	3117	9.7	100651.4	-1233.8	3207	10.	102823.6	-1231.7
2938	9.4	92815.0	-1225.6	3028	9.5	94845.7	-1240.6	3118	10.	100653.0	-1253.6	3208	8.0	102829.8	-1215.1
2939	9.5	92827.4	-1218.0	3029	8.7	94849.1	-1247.7	3119	8.5	100733.6	-1250.4	3209	9.4	102836.1	-1213.8
2940	9.5	92847.2	-1228.1	3030	9.8	94920.3	-1228.7	3120	9.8	100745.8	-1221.2	3210	9.6	102858.2	-1229.0
2941	9.8	92847.7	-1250.3	3031	6.8	94929.7	-1246.7	3121	9.0	100750.2	-1245.3	3211	9.3	102906.7	-1238.7
2942	9.5	92849.8	-1256.8	3032	10.	94954.0	-1247.2	3122	9.7	100805.3	-1231.7	3212	9.5	102919.5	-1250.8
2943	9.0	92911.4	-1213.6	3033	9.2	94957.9	-1214.5	3123	9.8	100826.5	-1252.0	3213	9.0	102929.8	-1243.4
2944	8.7	92916.8	-1254.9	3034	9.5	95005.0	-1215.4	3124	9.1	100840.1	-1211.4	3214	8.5	102940.5	-1247.2
2945	10.	92927.5	-1213.3	3035	9.8	95026.5	-1254.3	3125	9.8	100903.1	-1225.7	3215	9.5	102952.9	-1227.1
2946	9.0	92931.9	-1234.9	3036	9.0	95030.5	-1231.9	3126	10.	100913.1	-1245.8	3216	9.4	102958.4	-1252.8
2947	10.	92938.7	-1239.5	3037	9.3	95049.0	-1243.4	3127	9.4	100934.8	-1235.7	3217	9.3	103004.7	-1202.6
2948	9.1	93011.9	-1201.9	3038	9.0	95049.7	-1206.8	3128	9.6	100941.3	-1208.6	3218	30.0	103023.6	-1238.1
2949	9.6	93027.8	-1219.7	3039	7.3	95106.2	-1226.2	3129	7.3	100941.5	-1222.8	3219	8.0	103045.6	-1211.5
2950	9.8	93028.1	-1218.1	3040	9.5	95129.6	-1233.8	3130	9.8	101011.3	-1228.4	3220	10.	103046.7	-1245.3
2951	8.5	93040.6	-1239.3	3041	9.0	95130.4	-1236.5	3131	9.3	101035.6	-1206.5	3221	9.7	103052.2	-1223.3
2952	9.5	93102.4	-1251.7	3042	9.2	95134.5	-1245.6	3132	8.3	101045.0	-1248.5	3222	9.1	103055.1	-1212.1
2953	9.0	93109.5	-1252.3	3043	9.2	95136.6	-1203.0	3133	9.4	101053.9	-1250.5	3223	9.3	103057.7	-1246.0
2954	9.8	93111.1	-1215.8	3044	9.5	95153.7	-1237.4	3134	9.8	101057.5	-1222.8	3224	8.8	103129.4	-1259.9
2955	9.1	93122.0	-1201.1	3045	7.5	95211.6	-1203.8	3135	9.0	101104.4	-1237.1	3225	9.8	103130.3	-1208.6
2956	10.	93126.1	-1238.5	3046	8.9	95239.5	-1247.6	3136	7.0	101118.0	-1234.9	3226	9.4	103142.9	-1215.8
2957	9.8	93127.8	-1247.5	3047	9.6	95307.8	-1230.5	3137	9.1	101119.6	-1237.5	3227	9.9	103208.2	-1220.9
2958	9.8	93222.6	-1213.9	3048	9.6	95309.6	-1237.9	3138	9.5	101208.3	-1216.6	3228	7.5	103227.3	-1214.5
2959	9.5	93229.9	-1230.6	3049	9.0	95333.4	-1255.7	3139	10.	101240.4	-1201.3	3229	10.	103237.5	-1226.8
2960	6.8	93303.2	-1220.5	3050	9.5	95345.2	-1230.5	3140	9.8	101251.5	-1218.0	3230	8.6	103300.8	-1239.0
2961	9.5	93313.2	-1224.0	3051	9.5	95428.0	-1201.0	3141	8.5	101300.2	-1222.8	3231	9.9	103316.2	-1236.0
2962	9.4	93358.9	-1210.4	3052	9.5	95430.9	-1207.0	3142	9.0	101304.3	-1244.8	3232	10.	103316.7	-1241.7
2963	8.1	93400.6	-1226.5	3053	9.1	95433.4	-1213.7	3143	9.0	101313.9	-1217.5	3233	8.2	103316.9	-1231.4
2964	9.7	93403.1	-1232.5	3054	10.	95433.4	-1249.3	3144	9.0	101317.7	-1228.4	3234	9.8	103324.6	-1235.6
2965	9.2	93413.2	-1217.5	3055	7.5	95448.4	-1211.9	3145	9.0	101422.4	-1222.3	3235	8.7	103324.8	-1245.2
2966	9.2	93450.0	-1239.2	3056	9.5	95512.0	-1246.0	3146	9.0	101432.4	-1214.9	3236	9.0	103346.0	-1220.3
2967	9.0	93456.0	-1247.0	3057	6.8	95531.4	-1236.0	3147	7.0	101504.5	-1240.5	3237	8.0	103346.8	-1222.8
2968	9.8	93505.4	-1245.7	3058	9.5	95538.3	-1219.3	3148	8.7	101512.3	-1256.8	3238	10.	103346.8	-1255.0
2969	10.	93507.3	-1253.8	3059	9.2	95606.0	-1232.8	3149	9.3	101513.5	-1239.8	3239	9.4	103350.2	-1234.9
2970	9.6	93507.8	-1256.0	3060	9.2	95610.4	-1236.1	3150	6.8	101612.4	-1238.5	3240	9.3	103352.0	-1201.7
2971	8.3	93508.2	-1215.8	3061	9.5	95611.9	-1244.3	3151	9.8	101619.1	-1230.5	3241	10.	103408.8	-1200.0
2972	8.7	93511.2	-1224.3	3062	8.3	95620.9	-1210.6	3152	9.1	101619.5	-1252.0	3242	9.4	103442.1	-1237.5
2973	9.2	93514.0	-1230.5	3063	9.5	95634.0	-1245.6	3153	9.8	101619.5	-1235.0	3243	9.3	103507.8	-1206.7
2974	9.6	93524.1	-1223.7	3064	7.3	95635.1	-1211.3	3154	8.5	101652.2	-1235.3	3244	9.8	103521.2	-1246.5
2975	9.8	93533.1	-1255.8	3065	9.4	95639.2	-1236.0	3155	8.7	101656.3	-1256.4	3245	9.8	103552.5	-1229.5
2976	9.5	93549.7	-1218.3	3066	9.5	95701.8	-1256.8	3156	9.8	101658.0	-1259.3	3246	9.6	103559.8	-1200.0
2977	9.8	93604.8	-1257.1	3067	9.4	95716.5	-1238.3	3157	10.	101710.8	-1221.0	3247	9.3	103613.3	-1217.8
2978	8.9	93653.9	-1226.2	3068	9.4	95728.7	-1256.9	3158	8.8	101718.3	-1221.9	3248	9.4	103613.5	-1231.5
2979	9.0	93720.9	-1247.6	3069	10.	95736.4	-1238.8	3159	9.3	101745.0	-1257.8	3249	9.5	103615.7	-1206.7
2980	9.5	93722.7	-1202.0	3070	9.5	95739.4	-1241.9	3160	9.0	101816.5	-1224.0	3250	9.6	103616.4	-1243.2
2981	9.0	93816.5	-1233.4	3071	9.1	95749.6	-1259.1	3161	7.5	101819.9	-1201.7	3251	9.4	103644.8	-1224.7
2982	9.6	93846.1	-1220.7	3072	9.5	95755.8	-1218.5	3162	7.3	101845.2	-1224.0	3252	8.8	103701.2	-1203.7
2983	8.5	93859.7	-1234.4	3073	4.5	95804.7	-1221.9	3163	9.1	101856.4	-1210.0	3253	9.4	103756.1	-1220.2
2984	9.4	93902.2	-1211.7	3074	8.5	95822.8	-1216.5	3164	9.8	101906.8	-1219.2	3254	9.8	103759.7	-1211.4
2985	9.6	93906.3	-1254.5	3075	8.8	95834.0	-1251.5	3165	9.9	101920.4	-1238.0	3255	9.2	103802.6	-1205
2986	9.3	93912.6	-1220.0	3076	9.3	95854.5	-1225.2	3166	10.	101937.6	-1251.8	3256	10.	103806.6	-1254
2987	10.	93927.2	-1208.2	3077	9.5	95902.6	-1234.3	3167	9.2	101958.7	-1248.0	3257	10.	103824.6	-1240
2988	9.4	94023.8	-1207.0	3078	10.	95911.2	-1257.8	3168	9.8	102022.5	-1227.4	3258	9.0	103828.1	-1255
2989	10.	94023.8	-1228.4	3079	9.3	95916.3	-1251.3	3169	9.1	102036.1	-1255.3	3259	9.5	103828.4	-1200
2990	8.9	94037.8	-1251.0	3080	9.1	95932.7	-1256.1	3170	9.3	102038.2	-1202.9	3260	9.7	103837.4	-1235
2991	9.4	94041.3	-1207.2	3081	9.4	95948.9	-1200.2	3171	9.3	102045.7	-1246.5	3261	9.3	103848.6	-1255
2992	9.5	94058.5	-1254.3	3082	9.8	95950.0	-1214.7	3172	9.1	102047.0	-1257.9	3262	9.8	103904.2	-1221
2993	10.	94117.4	-1240.4	3083	8.8	95953.8	-1211.1	3173	9.8	102121.2	-1250.3	3263	9.6	103910.7	-1213
2994	8.8	94120.8	-1250.7	3084	9.8	100022.2	-1228.3	3174	9.5	102146.5	-1203.0	3264	7.0	103914.5	-1241
2995	9.2	94122.0	-1252.3	3085	9.0	100025.9	-1230.9	3175	9.8	102208.6	-1223.2	3265	9.0	103925.6	-1247
2996	8.9	94125.7	-1230.1	3086	9.4	100043.3	-1216.8	3176	9.8	102225.4	-1227.6	3266	9.7	103929.0	-1224
2997	9.5	94136.1	-1248.2	3087	9.3	100044.8	-1205.9	3177	9.7	102244.0	-1234.2	3267	9.9	103949.6	-1257
2998	9.6	94145.8	-1254.5	3088	9.7	100050.9	-1243.5	3178	9.6	102314.2	-1246.5	3268	9.1	104001.2	-1202
2999	9.4	94210.8	-1200.8	3089	8.3	100051.5	-1249.4	3179	9.6	102346.1	-1250.4	3269	9.8	104023.7	-1227
3000	9.0	94212.8	-1246.1	3090	9.5	100054.4	-1247.7	3180	9.5	102346.6	-1254.9	3270	9.7	104048.7	-1230
3001	8.7	94224.2	-1200.1	3091	10.	100055.7	-1253.9	3181	6.0	102352.6	-1250.6	3271	9.3	104112.9	-1258
3002	8.0	94255.5	-1207.8	3092	9.2	100113.8	-1242.8	3182	9.5	102357.2	-1224.8	3272	10.	104114.9	-1220
3003	9.0	94350.7	-1244.6	3093	9.1	100117.6	-1221.0	3183	9.3	102403.8	-1238.1	3273	10.	104119.7	-1221
3004	8.3	94359.6	-1216.4	3094	9.0	100130.6	-1219.9	3184	8.8	102416.6	-1221.5	3274	10.	104224.0	-1238
3005	8.6	94407.2	-1251.4	3095	9.3	100144.9	-1237.2	3185	9.3	102426.2	-1247.2	3275	9.8	104237.0	-1256
3006	9.4	94423.3	-1205.0	3096	9.4	100156.0	-1224.1	3186	9.5	102426.9	-1244.8	3276	9.0	104250.7	-1235
3007	8.8	94426.1	-1214.6	3097	7.8	100157.9	-1229.3	3187	9.4	102439.0	-1251.6	3277	8.8	104312.7	-1240
3008	9.8	94430.3	-1239.4	3098	6.8	100217.8	-1239.2	3188	9.8	102453.4	-1246.3	3278	9.1	104319.9	-1240
3009	9.8	94509.2	-1252.8	3099	10.	100240.3	-1206.1	3189	9.7	102453.5	-1232.2	3279	9.8	104405.7	-1214
3010	9.8	94522.2	-1208.5	3100	8.8	100251.7	-1210.0	3190	9.3	102457.7	-1218.8	3280	8.0	104409.8	-1203
3011	9.5	94523.2	-1247.5	3101	5.8	100301.8	-1206.2	3191	9.8	102531.2	-1227.3	3281	9.2	104441.6	-1215
3012	8.6	94559.4	-1229.0	3102	10.	100307.9	-1231.8	3192	8.9	102540.1	-1222.8	3282	10.	104448.4	-1241
3013	8.5	94610.3	-1251.7	3103	9.0	100317.2	-1248.6	3193	9.5	102547.3	-1204.0	3283	9.4	104450.0	-1207
3014	9.1	94611.2	-1212.5	3104	8.4	100341.7	-1209.1	3194	6.8	102605.0	-1239.4	3284	9.0	104457.0	-1235
3015	9.3	94635.1	-1231.4	3105	10.	100347.1	-1255.8	3195	9.2	102606.2	-1215.5	3285	10.	104458.9	-1207
3016	9.8	94640.0	-1211.6	3106	9.7	100415.9	-1236.1	3196	9.3	102607.1	-1218.7	3286	9.1	104503.0	-1259
3017	9.1	94656.0	-1250.8	3107	9.7	100437.2	-1247.7	3197	9.8	102636.2	-1241.9	3287	9.7	104507.6	-1226
3018	9.5	94702.2	-1203.1	3108	8.5	100455.1	-1251.0	3198	9.8	102656.6	-1221.1	3288	9.6	104513.9	-1238
3019	8.4	94725.3	-1214.4	3109	9.8	100516.3	-1204.4	3199	9.4	102659.2	-1210.2	3289	10.	104611.4	-1236
3020	9.6	94731.7	-1237.9	3110	9.4	100524.1	-1220.1	3200	9.4	102721.7	-1211.1	3290	9.1	104701.1	-1223
3021	6.8	94732.0	-1215.1	3111	9.5	100533.7	-1242.5	3201	9.8	102727.3	-1200.1	3291	9.5	104701.2	-1254
3022	9.4	94740.9	-1227.0	3112	10.	100534.2	-1241.4	3202	9.0	102727.7	-1212.6	3292	9.1	104706.5	-1216
3023	9.5	94750.1	-1210.3	3113	10.	100606.8	-1231.1	3203	9.8	102748.4	-1215.3	3293	6.3	104706.6	-1259
3024	9.5	94752.2	-1200.0	3114	9.7	100619.8	-1225.5	3204	10.	102749.6	-1207.9	3294	9.0	104709.5	-1220

-12 3295 10h47m

-12 3654 12h24m

3295	9.1	104728.4	-1211.9	3385	10.	110928.0	-1243.0	3475	10.	113433.8	-1217.5	3565	10.	120009.9	-1221.1
3296	9.8	104757.4	-1245.1	3386	8.6	110940.4	-1216.9	3476	9.5	113445.9	-1209.5	3566	9.6	120021.8	-1206.0
3297	9.6	104807.0	-1217.5	3387	8.9	110950.1	-1221.4	3477	8.3	113458.8	-1225.2	3567	9.3	120146.5	-1211.8
3298	8.5	104815.3	-1239.6	3388	10.	110952.2	-1246.1	3478	9.8	113510.0	-1242.4	3568	9.1	120149.6	-1213.6
3299	9.5	104819.4	-1247.7	3389	9.4	111020.0	-1256.0	3479	9.6	113514.4	-1213.5	3569	7.7	120155.7	-1207.6
3300	9.3	104835.4	-1256.0	3390	10.	111043.5	-1202.0	3480	10.	113533.1	-1240.6	3570	9.9	120211.9	-1215.0
3301	10.	104838.9	-1259.3	3391	8.8	111046.0	-1213.4	3481	9.5	113639.9	-1219.7	3571	9.8	120216.4	-1259.0
3302	9.8	104841.8	-1247.2	3392	9.3	111047.8	-1226.9	3482	9.0	113728.0	-1254.7	3572	9.5	120230.5	-1240.1
3303	9.8	104851.5	-1224.1	3393	9.0	111100.3	-1235.5	3483	9.8	113823.7	-1244.5	3573	8.0	120232.0	-1237.6
3304	9.9	104859.6	-1255.0	3394	9.1	111101.5	-1238.1	3484	9.1	113833.4	-1205.0	3574	9.2	120245.4	-1216.7
3305	9.9	104859.6	-1253.5	3395	9.6	111104.0	-1201.9	3485	9.9	113849.9	-1256.8	3575	9.6	120253.0	-1216.5
3306	8.6	104912.0	-1201.4	3396	10.	111126.7	-1240.1	3486	9.7	113850.5	-1231.5	3576	9.5	120301.0	-1252.9
3307	9.8	104936.5	-1207.3	3397	9.3	111128.8	-1221.6	3487	9.8	113905.7	-1221.3	3577	9.6	120326.9	-1200.6
3308	10.	104937.3	-1247.9	3398	9.6	111154.2	-1222.1	3488	10.	113931.5	-1242.8	3578	8.8	120408.3	-1253.3
3309	9.7	104958.0	-1215.8	3399	9.9	111201.4	-1258.3	3489	9.1	114009.3	-1213.5	3579	9.4	120421.0	-1217.8
3310	9.7	105027.6	-1201.5	3400	10.	111218.7	-1219.7	3490	10.	114021.0	-1233.4	3580	9.9	120456.0	-1212.8
3311	9.3	105031.7	-1231.5	3401	9.1	111226.1	-1239.5	3491	9.8	114046.3	-1233.3	3581	9.5	120507.0	-1218.5
3312	9.2	105050.3	-1250.9	3402	9.5	111235.3	-1208.4	3492	9.8	114050.5	-1221.2	3582	9.2	120522.2	-1252.7
3313	10.	105101.8	-1228.4	3403	10.	111306.7	-1249.0	3493	9.7	114057.7	-1225.7	3583	9.5	120526.0	-1217.2
3314	9.4	105129.8	-1203.5	3404	9.8	111326.0	-1232.0	3494	9.5	114103.2	-1212.5	3584	9.5	120536.4	-1222.1
3315	9.7	105139.5	-1255.4	3405	9.2	111424.4	-1205.7	3495	9.7	114120.9	-1243.5	3585	9.5	120552.3	-1211.5
3316	8.9	105143.3	-1210.7	3406	10.	111428.1	-1245.7	3496	9.3	114124.3	-1229.6	3586	9.8	120624.1	-1209.3
3317	9.8	105156.2	-1244.6	3407	9.7	111429.7	-1223.0	3497	9.2	114140.1	-1226.0	3587	9.6	120639.4	-1221.5
3318	9.8	105206.1	-1228.9	3408	9.6	111432.0	-1231.6	3498	10.	114150.3	-1242.5	3588	9.0	120640.9	-1201.2
3319	9.0	105236.6	-1234.6	3409	8.0	111441.7	-1225.1	3499	8.4	114204.1	-1200.4	3589	8.5	120659.6	-1212.4
3320	8.9	105250.2	-1217.9	3410	9.8	111452.4	-1201.9	3500	10.	114210.4	-1236.4	3590	9.0	120711.2	-1248.3
3321	8.0	105254.8	-1233.4	3411	9.3	111501.8	-1225.4	3501	7.2	114222.9	-1250.5	3591	9.4	120726.0	-1241.8
3322	9.9	105321.3	-1259.9	3412	9.2	111511.0	-1228.1	3502	10.	114233.5	-1206.8	3592	9.1	120751.4	-1227.5
3323	10.	105328.7	-1254.0	3413	10.	111526.0	-1235.8	3503	9.5	114234.2	-1224.3	3593	9.2	120757.1	-1238.5
3324	9.8	105435.4	-1227.1	3414	9.7	111537.6	-1258.8	3504	8.3	114243.3	-1238.0	3594	9.4	120759.6	-1240.7
3325	9.8	105508.1	-1238.7	3415	9.4	111543.1	-1250.1	3505	7.2	114317.8	-1203.3	3595	9.1	120828.8	-1203.8
3326	9.3	105513.1	-1240.5	3416	9.6	111543.6	-1258.7	3506	9.1	114330.4	-1248.3	3596	9.8	120848.5	-1204.5
3327	9.1	105517.3	-1219.4	3417	8.6	111557.3	-1206.1	3507	8.3	114339.9	-1253.0	3597	9.4	120854.0	-1259.0
3328	9.3	105533.1	-1243.7	3418	9.8	111621.8	-1235.1	3508	7.1	114339.9	-1230.9	3598	9.1	120908.9	-1212.5
3329	9.6	105540.3	-1232.4	3419	9.3	111630.5	-1246.8	3509	9.8	114349.2	-1233.6	3599	9.1	121000.6	-1234.1
3330	9.6	105555.0	-1200.0	3420	8.9	111645.3	-1235.0	3510	9.2	114349.8	-1237.5	3600	9.1	121004.5	-1224.8
3331	9.3	105601.7	-1234.9	3421	8.5	111657.2	-1206.8	3511	9.9	114350.2	-1220.8	3601	9.9	121029.1	-1204.5
3332	9.6	105618.0	-1231.1	3422	10.	111729.7	-1239.6	3512	9.9	114352.4	-1229.1	3602	9.3	121108.0	-1259.6
3333	7.0	105622.6	-1239.4	3423	7.0	111835.9	-1257.3	3513	9.8	114412.9	-1217.9	3603	7.7	121131.9	-1244.0
3334	9.4	105637.2	-1259.7	3424	9.8	111906.8	-1201.4	3514	10.	114453.7	-1250.5	3604	9.1	121204.0	-1238.6
3335	9.4	105640.7	-1244.0	3425	9.5	111912.6	-1220.5	3515	9.1	114455.0	-1259.0	3605	9.5	121209.3	-1216.3
3336	9.4	105653.2	-1249.1	3426	9.0	111917.0	-1252.0	3516	9.8	114503.1	-1214.3	3606	9.3	121215.1	-1233.3
3337	10.	105718.6	-1244.9	3427	9.5	111920.0	-1258.9	3517	10.	114547.3	-1244.5	3607	9.6	121218.5	-1215.0
3338	9.7	105719.1	-1231.9	3428	9.4	111921.7	-1214.0	3518	10.	114621.0	-1252.2	3608	9.8	121222.4	-1206.2
3339	8.8	105738.1	-1229.6	3429	10.	111928.1	-1216.7	3519	10.	114645.0	-1233.4	3609	10.	121238.6	-1231.5
3340	9.6	105753.6	-1256.4	3430	10.	111930.9	-1239.1	3520	9.8	114645.2	-1206.7	3610	9.9	121241.1	-1241.3
3341	9.9	105758.8	-1227.0	3431	9.5	111939.2	-1235.8	3521	10.	114647.7	-1232.5	3611	9.2	121241.5	-1244.1
3342	9.8	105840.7	-1221.8	3432	8.2	112018.0	-1218.2	3522	9.6	114649.8	-1200.1	3612	9.1	121259.7	-1221.4
3343	8.0	105858.3	-1217.1	3433	9.8	112113.4	-1258.6	3523	9.8	114658.7	-1251.2	3613	8.0	121322.5	-1202.7
3344	9.8	105908.2	-1210.9	3434	9.5	112119.6	-1209.0	3524	9.5	114734.1	-1210.9	3614	5.0	121327.5	-1245.8
3345	9.7	105915.7	-1208.5	3435	10.	112141.8	-1236.2	3525	9.4	114743.0	-1223.5	3615	9.8	121330.7	-1219.5
3346	8.0	105916.3	-1238.0	3436	9.8	112148.7	-1254.8	3526	9.1	114833.1	-1206.4	3616	8.6	121407.2	-1252.7
3347	9.0	105916.4	-1237.6	3437	9.6	112152.1	-1214.9	3527	9.8	114835.6	-1207.8	3617	9.3	121412.0	-1249.4
3348	6.3	105926.7	-1213.1	3438	9.8	112243.5	-1212.0	3528	9.8	114844.0	-1215.4	3618	9.5	121430.8	-1225.7
3349	8.5	105959.5	-1252.7	3439	9.3	112301.9	-1250.2	3529	9.3	114846.4	-1234.3	3619	8.8	121431.7	-1251.6
3350	9.5	110054.4	-1236.4	3440	9.7	112306.6	-1212.3	3530	10.	114904.6	-1245.8	3620	9.1	121437.9	-1241.3
3351	9.1	110121.3	-1206.2	3441	8.7	112314.1	-1230.4	3531	10.	114915.9	-1253.0	3621	8.3	121440.7	-1221.7
3352	9.8	110130.0	-1248.2	3442	7.2	112319.5	-1214.8	3532	6.7	114931.8	-1256.7	3622	9.7	121504.6	-1223.4
3353	8.3	110144.2	-1226.9	3443	9.2	112330.6	-1211.9	3533	9.3	115009.9	-1219.8	3623	8.8	121516.6	-1218.5
3354	9.6	110144.3	-1223.5	3444	9.8	112449.9	-1202.9	3534	9.0	115014.4	-1249.6	3624	9.5	121536.9	-1222.5
3355	9.8	110224.2	-1225.0	3445	9.1	112507.7	-1244.6	3535	9.3	115015.3	-1256.2	3625	9.8	121543.7	-1212.5
3356	9.5	110236.6	-1210.7	3446	10.	112528.3	-1254.7	3536	9.3	115015.9	-1245.6	3626	9.6	121544.9	-1218.9
3357	9.0	110239.8	-1221.5	3447	9.6	112530.0	-1243.8	3537	9.5	115048.4	-1221.4	3627	9.3	121637.2	-1211.1
3358	9.0	110253.1	-1213.2	3448	9.2	112553.9	-1234.8	3538	8.8	115105.1	-1257.6	3628	9.4	121654.1	-1249.0
3359	9.0	110308.5	-1223.0	3449	9.8	112605.4	-1208.4	3539	9.0	115143.3	-1219.2	3629	9.2	121715.7	-1225.4
3360	9.7	110311.3	-1216.3	3450	10.	112616.7	-1259.0	3540	9.5	115147.8	-1225.6	3630	9.5	121718.4	-1242.7
3361	10.	110311.7	-1226.4	3451	9.1	112625.5	-1205.7	3541	9.2	115151.6	-1246.8	3631	9.8	121735.7	-1215.1
3362	7.5	110334.4	-1219.6	3452	9.7	112626.8	-1243.8	3542	9.8	115221.7	-1226.5	3632	9.4	121738.3	-1236.9
3363	9.5	110350.9	-1258.3	3453	10.	112646.3	-1250.3	3543	9.1	115240.2	-1223.4	3633	9.4	121757.5	-1225.2
3364	9.8	110357.5	-1211.9	3454	9.5	112652.7	-1244.2	3544	9.3	115254.3	-1243.3	3634	8.6	121758.9	-1232.2
3365	9.8	110400.8	-1230.7	3455	8.0	112655.0	-1203.8	3545	9.6	115255.6	-1232.5	3635	9.5	121807.6	-1218.5
3366	9.7	110420.9	-1239.3	3456	9.1	112714.2	-1222.5	3546	9.7	115349.5	-1200.7	3636	9.8	121852.4	-1256.1
3367	9.5	110433.2	-1202.1	3457	9.6	112723.4	-1209.2	3547	9.5	115406.7	-1227.5	3637	8.2	121902.2	-1259.4
3368	9.0	110506.1	-1203.2	3458	9.5	112732.2	-1226.5	3548	9.8	115424.5	-1202.2	3638	9.1	121908.6	-1243.4
3369	10.	110509.4	-1257.4	3459	9.4	112747.6	-1230.5	3549	10.	115434.7	-1227.5	3639	9.8	121946.3	-1231.8
3370	10.	110530.3	-1220.9	3460	9.4	112751.7	-1253.9	3550	8.9	115446.2	-1236.9	3640	8.8	122017.1	-1212.3
3371	9.5	110539.5	-1212.1	3461	9.1	112924.6	-1256.1	3551	9.4	115515.7	-1238.3	3641	8.8	122020.7	-1247.7
3372	9.4	110546.6	-1204.2	3462	9.9	112953.4	-1210.0	3552	9.8	115523.0	-1203.8	3642	9.5	122049.3	-1204.0
3373	9.7	110601.6	-1251.7	3463	9.5	113025.3	-1208.4	3553	9.0	115533.1	-1216.1	3643	9.1	122109.8	-1200.5
3374	9.9	110618.5	-1210.3	3464	9.5	113038.6	-1244.0	3554	9.4	115629.6	-1228.0	3644	8.5	122136.0	-1230.0
3375	9.2	110629.4	-1212.3	3465	9.0	113046.7	-1223.3	3555	9.7	115646.9	-1253.8	3645	9.5	122154.6	-1213.2
3376	8.2	110646.3	-1200.4	3466	5.2	113118.6	-1223.8	3556	9.5	115657.2	-1219.0	3646	9.4	122228.2	-1243.1
3377	9.6	110646.3	-1230.8	3467	8.8	113146.5	-1236.7	3557	9.4	115702.2	-1216.3	3647	6.5	122236.7	-1235.3
3378	9.8	110720.8	-1258.5	3468	9.8	113159.7	-1246.2	3558	9.4	115708.8	-1213.7	3648	9.1	122236.9	-1210.6
3379	9.5	110746.4	-1216.7	3469	9.9	113206.6	-1215.1	3559	9.2	115715.5	-1201.4	3649	9.4	122247.2	-1243.1
3380	9.0	110756.8	-1230.2	3470	7.0	113208.8	-1222.4	3560	8.7	115722.8	-1256.4	3650	9.4	122311.6	-1247.9
3381	8.5	110759.5	-1210.0	3471	10.	113317.7	-1240.7	3561	8.0	115835.7	-1230.5	3651	9.3	122315.4	-1223.8
3382	9.0	110832.3	-1222.3	3472	9.4	113358.6	-1242.8	3562	9.5	115847.6	-1216.4	3652	8.5	122358.7	-1246.0
3383	10.	110838.2	-1202.7	3473	8.9	113409.2	-1238.8	3563	9.5	115918.1	-1217.2	3653	9.8	122434.1	-1202.8
3384	9.1	110913.7	-1252.2	3474	10.	113433.7	-1241.5	3564	9.5	120008.3	-1206.7	3654	9.8	122450.0	-1214.0

3655	9.9	122510.7	-1254.1	3745	8.9	125600.4	-1236.0	3835	8.6	132521.1	-1246.0	3925	9.0	134930.1	-1245.5
3656	9.6	122516.3	-1255.6	3746	9.8	125631.4	-1207.7	3836	8.3	132525.5	-1226.7	3926	9.5	134934.4	-1254.1
3657	9.4	122525.4	-1258.3	3747	9.0	125651.1	-1229.3	3837	9.4	132525.6	-1252.9	3927	10.	135001.3	-1251.0
3658	9.3	122554.6	-1223.6	3748	9.5	125723.5	-1238.8	3838	9.6	132633.3	-1216.8	3928	10.	135021.3	-1249.7
3659	5.4	122603.2	-1201.6	3749	9.4	125731.9	-1202.2	3839	9.2	132640.1	-1201.2	3929	9.5	135100.3	-1250.7
3660	9.1	122611.3	-1204.7	3750	8.7	125734.4	-1200.0	3840	7.9	132646.8	-1235.8	3930	9.4	135113.2	-1257.5
3661	9.4	122623.4	-1202.0	3751	8.5	125758.4	-1200.4	3841	8.8	132648.6	-1241.4	3931	9.5	135133.4	-1201.6
3662	8.8	122631.8	-1206.4	3752	9.6	125811.4	-1215.8	3842	9.1	132650.0	-1242.0	3932	8.8	135220.1	-1200.1
3663	9.8	122831.6	-1246.9	3753	9.4	125812.2	-1208.0	3843	5.7	132658.3	-1228.0	3933	8.0	135220.8	-1245.3
3664	9.8	122844.7	-1241.7	3754	9.4	125818.8	-1223.5	3844	10.	132709.9	-1256.9	3934	10.	135230.5	-1248.0
3665	9.3	122914.8	-1223.7	3755	9.1	125834.9	-1258.5	3845	9.8	132725.5	-1214.8	3935	9.2	135257.4	-1252.4
3666	9.3	122919.5	-1234.2	3756	9.5	125841.4	-1227.9	3846	10.	132727.2	-1238.7	3936	9.5	135301.5	-1250.7
3667	9.5	122940.0	-1235.5	3757	9.3	130002.8	-1249.3	3847	9.7	132750.9	-1225.6	3937	10.	135308.2	-1228.1
3668	9.1	122955.2	-1202.7	3758	10.	130007.2	-1222.8	3848	8.3	132805.0	-1244.1	3938	9.4	135313.5	-1233.9
3669	9.2	123055.2	-1214.4	3759	9.6	130022.3	-1223.9	3849	9.5	132831.3	-1203.7	3939	10.	135335.2	-1251.0
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3674	10.	123324.2	-1214.5	3764	9.4	130152.4	-1226.1	3854	9.5	132922.6	-1235.0	3944	9.4	135355.1	-1230.8
3675	9.8	123343.0	-1213.0	3765	9.8	130201.8	-1246.4	3855	9.5	132933.0	-1240.3	3945	9.6	135454.5	-1256.1
3676	5.3	123344.7	-1213.1	3766	9.3	130214.8	-1238.0	3856	8.3	133044.9	-1249.1	3946	10.	135505.2	-1256.4
3677	9.2	123414.2	-1205.0	3767	8.5	130234.8	-1218.7	3857	9.9	133047.5	-1253.3	3947	9.5	135510.3	-1201.0
3678	9.0	123454.1	-1214.1	3768	9.5	130251.7	-1223.9	3858	10.	133102.4	-1249.4	3948	9.6	135517.6	-1203.5
3679	8.9	123455.8	-1244.1	3769	9.8	130318.7	-1213.0	3859	9.7	133103.0	-1216.4	3949	9.5	135552.0	-1223.8
3680	9.6	123514.8	-1227.4	3770	9.9	130328.3	-1216.5	3860	10.	133131.1	-1220.8	3950	8.7	135554.9	-1235.5
3681	7.8	123522.3	-1250.1	3771	9.9	130330.8	-1216.2	3861	9.2	133134.8	-1234.6	3951	9.0	135555.5	-1219.1
3682	9.4	123538.2	-1231.2	3772	8.3	130350.2	-1213.5	3862	9.2	133200.9	-1230.5	3952	7.8	135614.6	-1202.9
3683	8.9	123541.1	-1215.7	3773	9.3	130412.7	-1241.1	3863	9.7	133210.0	-1209.9	3953	9.5	135659.8	-1245.9
3684	9.3	123546.6	-1215.5	3774	9.5	130416.2	-1211.2	3864	9.7	133218.9	-1254.4	3954	9.9	135715.5	-1214.3
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3686	9.5	123638.3	-1241.2	3776	9.8	130432.0	-1226.4	3866	8.8	133231.1	-1211.3	3956	8.0	135805.5	-1200.2
3687	8.7	123648.3	-1254.7	3777	9.3	130451.9	-1228.0	3867	9.0	133250.2	-1211.9	3957	9.3	135808.3	-1234.6
3688	9.5	123648.9	-1229.7	3778	9.9	130516.1	-1206.7	3868	9.4	133312.9	-1205.3	3958	7.8	135810.0	-1222.6
3689	9.5	123735.1	-1244.0	3779	7.3	130542.4	-1241.7	3869	7.3	133316.4	-1202.6	3959	9.9	135825.4	-1208.0
3690	9.7	123744.8	-1239.7	3780	9.6	130605.9	-1218.8	3870	8.8	133414.4	-1217.8	3960	10.	135841.7	-1214.9
3691	9.4	123811.0	-1219.1	3781	9.4	130650.2	-1225.8	3871	9.2	133418.9	-1205.4	3961	9.8	135923.9	-1221.4
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3695	9.2	124014.4	-1224.9	3785	7.0	130919.7	-1223.8	3875	9.5	133509.2	-1257.0	3965	10.	140009.2	-1235.1
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3697	9.9	124057.6	-1251.7	3787	9.6	131050.5	-1211.4	3877	9.2	133520.4	-1229.1	3967	8.8	140020.4	-1240.7
3698	9.4	124106.0	-1215.3	3788	9.4	131108.5	-1254.9	3878	8.9	133608.8	-1224.7	3968	9.5	140028.9	-1205.7
3699	8.7	124115.7	-1235.5	3789	8.3	131110.7	-1225.8	3879	9.1	133623.3	-1239.4	3969	9.1	140058.8	-1253.3
3700	8.8	124128.1	-1250.6	3790	9.4	131139.5	-1227.8	3880	8.3	133629.3	-1205.5	3970	9.3	140100.6	-1234.9
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3711	9.1	124448.5	-1258.7	3801	9.5	131504.5	-1225.1	3891	9.4	133838.3	-1216.0	3981	10.	140226.2	-1234.8
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3713	10.	124542.5	-1207.0	3803	9.8	131506.8	-1211.5	3893	10.	133852.8	-1200.0	3983	30.0	140233.2	-1236.5
3714	8.3	124605.9	-1251.5	3804	10.	131513.9	-1202.6	3894	9.5	133857.3	-1217.2	3984	9.5	140238.3	-1228.4
3715	8.0	124651.8	-1208.6	3805	9.4	131515.4	-1230.9	3895	10.	133900.1	-1256.8	3985	10.	140238.7	-1208.8
3716	10.	124654.0	-1245.4	3806	9.6	131537.9	-1204.6	3896	9.7	133900.1	-1225.3	3986	10.	140246.4	-1226.3
3717	9.7	124701.8	-1244.9	3807	9.1	131547.4	-1254.2	3897	8.7	133920.2	-1223.1	3987	9.8	140257.4	-1201.5
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3721	9.3	124805.6	-1246.8	3811	10.	131707.6	-1227.7	3901	10.	134018.8	-1235.4	3991	10.	140311.5	-1210.7
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3725	9.8	124955.6	-1221.3	3815	9.0	131901.3	-1216.3	3905	9.8	134159.6	-1239.8	3995	9.4	140357.3	-1214.9
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3732	9.0	125157.1	-1215.2	3822	8.5	132019.2	-1249.4	3912	7.0	134351.2	-1217.6	4002	10.	140558.5	-1211.1
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3734	9.4	125300.8	-1254.5	3824	9.3	132207.2	-1255.6	3914	9.6	134433.8	-1244.2	4004	10.	140620.3	-1221.4
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3736	9.4	125337.2	-1226.0	3826	9.3	132241.8	-1210.3	3916	9.8	134521.7	-1211.7	4006	10.	140644.5	-1210.2
3737	9.1	125408.3	-1252.8	3827	9.7	132243.5	-1200.7	3917	10.	134550.4	-1259.9	4007	9.4	140648.1	-1255.6
3738	8.9	125409.7	-1223.2	3828	9.3	132310.2	-1202.7	3918	9.3	134558.8	-1235.2	4008	9.1	140701.2	-1212.9
3739	9.8	125420.5	-1209.3	3829	9.3	132328.2	-1207.6	3919	9.5	134628.3	-1257.3	4009	9.4	140703.7	-1217.5
3740	9.5	125434.2	-1216.7	3830	6.8	132331.8	-1242.0	3920	9.8	134637.1	-1225.5	4010	9.5	140738.6	-1239.1
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3744	9.4	125559.0	-1227.5	3834	9.7	132505.6	-1258.1	3924	9.5	134841.6	-1258.2	4014	9.0	140858.5	-1249.9

4015	10.	141001.1	-1229.1	4105	8.6	143019.0	-1226.0	4195	9.5	145654.7	-1213.5	4285	9.1	152703.2	-1220.3
4016	9.5	141014.8	-1250.5	4106	10.	143048.0	-1201.2	4196	9.1	145734.3	-1255.8	4286	7.7	152719.0	-1201.0
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4018	4.8	141116.5	-1241.7	4108	9.8	143103.5	-1257.0	4198	7.0	145837.6	-1220.4	4288	9.6	152732.5	-1257.6
4019	8.7	141121.0	-1245.4	4109	10.	143229.2	-1251.5	4199	9.5	145853.5	-1251.0	4289	9.7	152734.5	-1206.6
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4026	10.	141343.5	-1220.9	4116	9.3	143520.4	-1245.5	4206	8.3	150156.7	-1225.2	4296	10.	152919.5	-1229.4
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4037	8.0	141559.0	-1216.5	4127	10.	143704.3	-1236.0	4217	9.5	150439.4	-1207.9	4307	10.	153222.9	-1243.4
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4039	9.7	141621.1	-1235.9	4129	9.4	143823.5	-1221.2	4219	9.2	150559.8	-1214.0	4309	9.8	153229.2	-1227.9
4040	9.5	141653.0	-1222.7	4130	9.3	143849.8	-1236.5	4220	9.3	150622.9	-1216.0	4310	9.8	153253.4	-1249.0
4041	9.6	141722.5	-1206.7	4131	9.7	143933.9	-1200.7	4221	9.4	150706.4	-1202.8	4311	9.5	153324.0	-1247.5
4042	6.7	141726.4	-1242.1	4132	9.4	143945.1	-1208.0	4222	9.7	150720.3	-1231.5	4312	9.3	153326.0	-1213.6
4043	9.4	141729.6	-1251.7	4133	8.3	143945.4	-1219.2	4223	9.3	150802.5	-1218.5	4313	10.	153339.0	-1224.6
4044	9.4	141729.9	-1226.1	4134	6.0	144001.0	-1213.6	4224	8.9	150808.2	-1222.0	4314	9.4	153339.4	-1242.5
4045	9.5	141736.4	-1238.9	4135	9.5	144013.8	-1249.8	4225	7.8	150833.3	-1240.8	4315	8.5	153353.5	-1217.3
4046	9.7	141740.5	-1203.8	4136	9.5	144051.5	-1208.2	4226	9.5	150839.8	-1214.5	4316	9.2	153402.8	-1259.0
4047	9.0	141744.5	-1208.2	4137	7.8	144054.4	-1236.4	4227	7.0	150850.6	-1229.9	4317	9.8	153405.9	-1226.7
4048	10.	141830.5	-1200.9	4138	8.6	144059.5	-1210.5	4228	9.8	150916.3	-1254.5	4318	9.1	153452.5	-1234.9
4049	9.8	141845.5	-1259.8	4139	9.7	144102.0	-1211.6	4229	9.8	150942.9	-1214.5	4319	9.0	153505.4	-1201.4
4050	9.0	141903.7	-1214.7	4140	9.5	144125.8	-1241.4	4230	9.8	151023.5	-1215.4	4320	6.7	153506.0	-1225.2
4051	10.	141912.8	-1239.9	4141	8.0	144204.5	-1254.1	4231	10.	151025.1	-1208.5	4321	9.0	153526.9	-1239.9
4052	9.5	141922.9	-1208.0	4142	9.3	144205.0	-1209.0	4232	8.2	151025.7	-1223.4	4322	9.2	153542.9	-1215.0
4053	8.8	141927.6	-1247.5	4143	9.9	144211.9	-1216.8	4233	9.6	151059.2	-1231.6	4323	9.5	153543.7	-1203.2
4054	9.0	141950.8	-1244.4	4144	9.4	144251.9	-1234.4	4234	9.6	151114.5	-1255.6	4324	9.5	153633.3	-1256.6
4055	6.8	141955.1	-1242.0	4145	9.0	144259.3	-1244.6	4235	9.5	151132.5	-1213.0	4325	9.7	153645.3	-1233.0
4056	9.1	142018.2	-1225.1	4146	9.5	144307.2	-1252.8	4236	9.4	151138.3	-1216.8	4326	9.4	153651.0	-1232.8
4057	9.9	142027.9	-1216.8	4147	9.9	144340.2	-1245.6	4237	9.1	151145.3	-1247.5	4327	9.6	153728.7	-1229.6
4058	9.8	142028.6	-1222.4	4148	10.	144354.4	-1229.5	4238	8.0	151210.8	-1229.7	4328	9.7	153803.9	-1254.3
4059	9.9	142048.2	-1244.9	4149	10.	144358.8	-1235.1	4239	9.6	151212.7	-1256.5	4329	9.1	153815.4	-1223.6
4060	9.4	142058.7	-1257.0	4150	9.5	144402.4	-1223.3	4240	9.7	151323.4	-1211.9	4330	9.6	153816.2	-1258.6
4061	9.5	142059.0	-1208.7	4151	9.3	144411.0	-1208.8	4241	9.2	151324.0	-1222.1	4331	9.4	153825.9	-1232.2
4062	9.4	142124.8	-1219.3	4152	8.0	144417.7	-1254.1	4242	9.8	151359.2	-1259.3	4332	9.5	153846.9	-1234.8
4063	9.2	142140.9	-1201.4	4153	10.	144418.7	-1245.2	4243	9.2	151359.3	-1209.5	4333	9.9	153901.4	-1229.4
4064	9.1	142212.8	-1232.6	4154	9.4	144424.4	-1212.6	4244	9.2	151435.8	-1207.3	4334	10.	153903.3	-1252.9
4065	10.	142219.0	-1228.5	4155	9.5	144433.4	-1207.9	4245	9.3	151531.8	-1210.5	4335	9.6	153932.6	-1223.7
4066	9.8	142230.6	-1243.7	4156	7.8	144500.9	-1202.4	4246	9.0	151549.3	-1232.3	4336	9.0	153948.9	-1217.0
4067	9.5	142239.4	-1216.9	4157	9.0	144507.4	-1224.0	4247	9.5	151628.2	-1208.1	4337	9.1	153954.3	-1214.5
4068	9.0	142253.8	-1257.7	4158	9.3	144528.7	-1251.9	4248	9.8	151630.7	-1227.6	4338	9.3	154009.4	-1224.4
4069	9.3	142257.2	-1245.9	4159	9.9	144534.9	-1219.6	4249	9.3	151631.1	-1220.8	4339	9.5	154043.3	-1237.2
4070	9.4	142301.9	-1227.0	4160	9.9	144621.3	-1225.1	4250	8.5	151631.6	-1222.7	4340	9.8	154142.1	-1207.7
4071	9.8	142303.9	-1201.2	4161	10.	144624.2	-1239.5	4251	9.5	151704.7	-1220.6	4341	9.9	154201.1	-1251.2
4072	8.8	142313.8	-1249.3	4162	10.	144725.7	-1249.3	4252	9.5	151735.6	-1251.4	4342	9.0	154223.9	-1212.0
4073	9.0	142333.3	-1258.0	4163	9.5	144738.8	-1221.0	4253	8.3	151741.6	-1221.4	4343	9.9	154229.2	-1249.3
4074	7.8	142355.1	-1232.7	4164	8.9	144747.4	-1203.3	4254	9.8	151813.1	-1205.6	4344	9.3	154235.3	-1238.6
4075	9.4	142356.2	-1258.0	4165	8.5	144752.2	-1236.8	4255	10.	151818.6	-1250.4	4345	9.3	154236.2	-1243.7
4076	9.8	142405.8	-1222.5	4166	9.8	144757.7	-1240.4	4256	9.4	151820.0	-1258.0	4346	8.7	154236.2	-1257.0
4077	8.4	142406.1	-1204.6	4167	9.5	144809.2	-1242.5	4257	9.6	151838.2	-1202.0	4347	9.8	154252.7	-1216.7
4078	10.	142416.2	-1252.9	4168	9.7	144813.7	-1239.9	4258	9.6	151846.8	-1222.6	4348	9.6	154300.0	-1215.5
4079	8.5	142440.8	-1221.6	4169	9.0	144830.9	-1241.5	4259	9.3	151936.9	-1220.8	4349	10.	154300.9	-1230.3
4080	9.5	142449.3	-1207.5	4170	8.9	144918.8	-1220.5	4260	9.2	152024.1	-1235.6	4350	8.2	154319.0	-1211.0
4081	9.2	142451.7	-1250.0	4171	10.	144923.1	-1249.1	4261	9.8	152044.7	-1214.2	4351	9.8	154333.0	-1256.8
4082	9.5	142453.1	-1208.7	4172	9.9	144930.3	-1211.4	4262	8.6	152055.2	-1213.2	4352	9.1	154353.7	-1252.6
4083	9.9	142502.2	-1243.6	4173	7.5	144942.4	-1208.1	4263	9.6	152128.1	-1225.8	4353	7.3	154355.3	-1205.4
4084	9.0	142543.1	-1253.8	4174	9.3	144945.8	-1215.7	4264	9.5	152158.1	-1205.4	4354	10.	154410.7	-1256.2
4085	9.6	142611.2	-1249.8	4175	9.3	144947.0	-1243.1	4265	7.8	152201.0	-1216.4	4355	9.9	154420.2	-1212.4
4086	9.0	142614.7	-1236.1	4176	9.6	144954.1	-1247.8	4266	9.8	152229.0	-1255.5	4356	9.5	154445.2	-1252.6
4087	8.7	142615.9	-1250.4	4177	9.8	145020.6	-1239.4	4267	8.3	152235.5	-1214.1	4357	9.2	154454.8	-1222.5
4088	9.8	142616.8	-1203.5	4178	7.8	145047.3	-1211.0	4268	7.5	152320.7	-1229.3	4358	9.9	154455.3	-1248.0
4089	9.0	142643.8	-1216.2	4179	9.9	145051.9	-1249.8	4269	9.5	152331.0	-1222.8	4359	9.4	154543.0	-1212.4
4090	9.3	142710.3	-1217.0	4180	10.	145113.8	-1251.6	4270	9.8	152338.1	-1208.8	4360	9.2	154548.7	-1245.0
4091	8.5	142716.7	-1206.0	4181	9.7	145129.2	-1242.8	4271	9.2	152354.8	-1218.5	4361	10.	154557.1	-1254.7
4092	9.0	142745.2	-1248.8	4182	9.6	145132.0	-1216.5	4272	9.1	152413.5	-1252.1	4362	9.5	154609.4	-1231.6
4093	9.7	142756.0	-1232.2	4183	10.	145203.2	-1247.3	4273	9.5	152421.1	-1213.4	4363	9.2	154651.3	-1258.9
4094	9.8	142757.7	-1241.0	4184	9.7	145205.7	-1224.3	4274	9.3	152438.3	-1245.2	4364	9.8	154651.8	-1200.2
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4096	9.4	142859.2	-1217.0	4186	9.4	145250.0	-1256.1	4276	9.4	152455.6	-1200.4	4366	9.2	154713.1	-1201.3
4097	8.9	142914.0	-1231.1	4187	8.5	145331.9	-1205.8	4277	9.2	152505.0	-1235.9	4367	9.4	154714.6	-1257.5
4098	9.3	142915.2	-1213.2	4188	8.9	145336.5	-1245.2	4278	7.2	152514.7	-1230.9	4368	9.3	154723.7	-1246.5
4099	9.8	142920.8	-1201.3	4189	9.6	145407.0	-1232.2	4279	8.5	152529.5	-1217.7	4369	9.8	154736.6	-1258.3
4100	9.0	142931.7	-1203.1	4190	10.	145411.7	-1250.7	4280	9.3	152625.1	-1235.1	4370	9.8	154811.8	-1232.5
4101	9.1	142959.3	-1230.2	4191	10.	145450.5	-1239.9	4281	9.3	152629.0	-1215.6	4371	9.3	154819.6	-1251.6
4102	9.1	143008.6	-1238.4	4192	7.3	145511.6	-1217.3	4282	9.8	152655.6	-1213.1	4372	9.2	154836.3	-1229.8
4103	9.9	143012.1	-1225.1	4193	9.2	145531.2	-1241.8	4283	9.3	152700.7	-1232.0	4373	9.1	154852.2	-1219.4
4104	7.0	143016.6	-1216.5	4194	9.0	145631.1	-1219.0	4284	9.1	152700.7	-1221.2	4374	9.0	154853.7	-1232.3

-12 4375 15h48m

-12 4734 17h14m

4375	9.3	154856.6	-1259.5	4465	9.9	160818.0	-1205.3	4555	9.0	162816.5	-1237.6	4645	9.5	165434.5	-1251.1
4376	10.	154900.8	-1248.9	4466	9.5	160822.4	-1244.2	4556	9.3	162820.0	-1216.2	4646	8.3	165436.4	-1220.2
4377	10.	154913.2	-1258.8	4467	9.5	160824.6	-1205.2	4557	8.4	162914.6	-1228.3	4647	9.6	165447.5	-1230.1
4378	9.3	154924.8	-1216.8	4468	9.5	160836.8	-1212.7	4558	9.5	162919.2	-1244.2	4648	9.6	165513.6	-1247.2
4379	9.6	154939.8	-1252.4	4469	9.0	160841.3	-1210.4	4559	9.5	162926.4	-1200.0	4649	9.5	165518.1	-1225.1
4380	9.3	154941.5	-1202.3	4470	9.5	160901.2	-1247.5	4560	9.7	162931.1	-1257.9	4650	9.3	165518.3	-1212.1
4381	9.6	155000.2	-1239.5	4471	9.1	160948.3	-1204.6	4561	9.5	162958.9	-1207.4	4651	8.1	165538.7	-1239.1
4382	9.5	155009.4	-1237.2	4472	9.5	160957.2	-1213.9	4562	9.0	163022.2	-1202.8	4652	9.2	165559.9	-1204.0
4383	9.8	155026.7	-1213.2	4473	8.9	161007.4	-1233.8	4563	8.0	163106.9	-1202.3	4653	9.8	165620.0	-1215.0
4384	8.4	155053.6	-1244.9	4474	10.	161010.5	-1248.2	4564	9.3	163112.0	-1226.7	4654	9.3	165620.4	-1252.1
4385	9.7	155103.6	-1256.5	4475	10.	161036.7	-1256.9	4565	9.0	163159.1	-1258.9	4655	6.8	165623.2	-1227.9
4386	10.	155106.4	-1245.0	4476	9.2	161113.8	-1241.1	4566	9.6	163206.9	-1233.0	4656	9.7	165630.5	-1233.4
4387	9.2	155123.6	-1234.7	4477	9.8	161116.2	-1227.0	4567	8.5	163219.6	-1228.6	4657	9.8	165652.1	-1208.5
4388	9.2	155157.8	-1203.5	4478	9.8	161205.1	-1205.5	4568	9.7	163222.3	-1224.5	4658	9.5	165706.6	-1207.6
4389	9.5	155208.5	-1248.0	4479	9.0	161215.4	-1227.0	4569	9.7	163230.2	-1215.6	4659	9.5	165712.1	-1212.1
4390	9.8	155214.2	-1202.8	4480	6.5	161223.1	-1233.2	4570	9.8	163238.1	-1232.3	4660	9.8	165726.6	-1214.4
4391	8.4	155217.1	-1242.2	4481	8.9	161243.2	-1220.7	4571	9.0	163257.0	-1204.5	4661	9.0	165813.0	-1217.5
4392	10.	155231.0	-1251.4	4482	9.4	161244.0	-1215.6	4572	9.8	163314.7	-1252.0	4662	7.3	165814.1	-1212.6
4393	8.7	155257.8	-1227.5	4483	9.2	161254.5	-1228.0	4573	9.5	163321.6	-1213.3	4663	9.3	165832.4	-1243.4
4394	9.3	155311.1	-1243.6	4484	9.7	161307.7	-1200.6	4574	9.1	163358.0	-1209.6	4664	9.0	165857.3	-1250.6
4395	9.0	155324.6	-1242.3	4485	8.2	161315.8	-1245.4	4575	9.6	163404.3	-1229.8	4665	8.4	165921.8	-1232.6
4396	9.8	155401.2	-1231.5	4486	8.9	161323.1	-1234.6	4576	9.2	163413.9	-1224.0	4666	9.3	165925.6	-1256.1
4397	9.4	155414.6	-1236.0	4487	8.8	161324.6	-1200.9	4577	10.	163435.9	-1238.0	4667	9.9	165929.2	-1257.1
4398	9.3	155434.5	-1206.1	4488	9.1	161340.3	-1213.4	4578	9.7	163448.2	-1237.1	4668	9.0	165932.1	-1209.0
4399	9.3	155446.4	-1221.4	4489	9.5	161344.8	-1202.9	4579	9.0	163452.9	-1216.6	4669	9.5	165959.5	-1209.4
4400	9.3	155447.1	-1230.2	4490	9.0	161353.0	-1234.7	4580	9.8	163534.3	-1208.8	4670	7.5	170037.9	-1255.8
4401	9.5	155505.2	-1207.3	4491	9.0	161353.7	-1223.6	4581	9.5	163537.2	-1222.3	4671	9.7	170057.3	-1203.7
4402	10.	155542.6	-1240.0	4492	9.5	161356.8	-1202.4	4582	9.0	163622.5	-1208.5	4672	9.4	170103.3	-1228.4
4403	9.4	155547.2	-1201.9	4493	8.5	161429.1	-1204.7	4583	8.2	163623.8	-1200.1	4673	9.5	170124.0	-1210.8
4404	9.6	155612.6	-1234.5	4494	8.5	161441.2	-1251.2	4584	9.6	163648.9	-1217.9	4674	9.3	170132.1	-1211.5
4405	9.5	155616.1	-1233.6	4495	9.4	161515.6	-1238.7	4585	9.8	163653.4	-1242.3	4675	9.6	170133.8	-1222.2
4406	8.8	155619.5	-1257.7	4496	9.8	161533.8	-1200.7	4586	9.0	163655.3	-1212.8	4676	9.0	170137.4	-1243.2
4407	8.8	155631.7	-1258.2	4497	9.3	161601.7	-1242.3	4587	8.5	163706.1	-1213.1	4677	9.0	170142.1	-1206.8
4408	8.9	155632.0	-1248.5	4498	9.5	161611.0	-1231.4	4588	5.8	163707.2	-1250.0	4678	6.2	170235.9	-1230.6
4409	9.5	155728.4	-1252.1	4499	9.3	161646.7	-1248.8	4589	10.	163716.7	-1218.7	4679	9.5	170243.6	-1203.7
4410	9.7	155732.9	-1226.9	4500	10.	161646.8	-1227.6	4590	9.9	163741.6	-1239.5	4680	9.1	170351.5	-1211.0
4411	10.	155735.0	-1239.2	4501	8.8	161713.4	-1250.4	4591	8.4	163742.4	-1206.2	4681	9.1	170402.5	-1207.3
4412	8.8	155735.3	-1219.2	4502	9.8	161713.8	-1229.6	4592	9.7	163754.5	-1221.5	4682	9.3	170404.4	-1223.8
4413	9.6	155740.1	-1203.2	4503	9.7	161722.3	-1235.7	4593	9.9	163806.3	-1234.7	4683	9.4	170410.7	-1211.4
4414	9.8	155831.0	-1229.3	4504	9.0	161736.6	-1220.2	4594	9.4	163938.8	-1256.1	4684	9.3	170428.1	-1232.8
4415	8.5	155833.3	-1206.0	4505	10.	161737.6	-1222.2	4595	9.6	164122.1	-1257.7	4685	8.7	170447.8	-1235.5
4416	9.6	155833.5	-1228.0	4506	9.4	161752.1	-1210.7	4596	9.4	164144.1	-1240.7	4686	7.8	170506.3	-1233.2
4417	9.4	155836.4	-1249.5	4507	9.4	161800.1	-1213.0	4597	8.5	164151.7	-1249.2	4687	9.5	170508.2	-1241.7
4418	9.4	155857.0	-1235.4	4508	9.0	161827.1	-1215.9	4598	7.1	164200.1	-1207.7	4688	9.0	170509.5	-1244.9
4419	9.5	155913.5	-1239.2	4509	9.6	161831.8	-1230.8	4599	9.8	164206.8	-1205.1	4689	9.4	170537.7	-1257.5
4420	8.0	155916.4	-1244.4	4510	30.0	161840.2	-1205.5	4600	9.8	164231.9	-1241.2	4690	9.8	170554.6	-1244.0
4421	9.5	155917.4	-1256.9	4511	9.5	161917.4	-1250.2	4601	9.3	164258.5	-1204.3	4691	9.8	170601.6	-1207.8
4422	9.1	155918.3	-1228.3	4512	9.5	161942.7	-1235.5	4602	9.8	164300.1	-1216.2	4692	9.2	170607.9	-1216.2
4423	9.8	155925.0	-1228.0	4513	9.5	161948.7	-1219.4	4603	9.4	164311.9	-1211.3	4693	9.5	170619.6	-1204.1
4424	8.2	155929.2	-1233.3	4514	10.	161950.5	-1210.1	4604	8.1	164318.5	-1226.9	4694	9.2	170620.5	-1211.0
4425	5.8	155933.6	-1220.7	4515	8.6	161957.2	-1246.0	4605	9.5	164339.7	-1244.2	4695	9.8	170628.1	-1238.5
4426	9.9	155957.1	-1208.8	4516	9.8	162013.7	-1208.3	4606	9.8	164433.5	-1229.5	4696	9.1	170651.9	-1217.8
4427	8.5	160000.5	-1236.8	4517	9.4	162020.8	-1201.3	4607	9.8	164509.1	-1250.4	4697	9.3	170738.2	-1232.2
4428	9.8	160017.0	-1238.4	4518	9.8	162105.0	-1259.3	4608	10.	164510.2	-1238.2	4698	9.8	170812.7	-1237.8
4429	8.5	160020.4	-1244.2	4519	9.6	162125.7	-1231.6	4609	9.5	164515.7	-1220.1	4699	9.2	170813.1	-1200.7
4430	9.8	160023.6	-1217.6	4520	9.5	162135.5	-1259.5	4610	9.3	164537.6	-1221.1	4700	9.1	170813.8	-1246.8
4431	9.1	160033.9	-1221.4	4521	9.7	162209.6	-1212.3	4611	8.9	164545.8	-1247.7	4701	9.7	170815.3	-1208.5
4432	9.4	160037.5	-1235.4	4522	9.6	162213.6	-1203.1	4612	9.1	164551.1	-1206.5	4702	9.8	170838.4	-1211.9
4433	9.5	160042.6	-1214.0	4523	9.5	162213.9	-1218.1	4613	9.6	164624.3	-1232.0	4703	9.5	170849.0	-1228.1
4434	9.2	160105.6	-1248.5	4524	9.8	162233.5	-1217.6	4614	8.7	164624.6	-1253.6	4704	7.0	170850.5	-1256.4
4435	9.9	160110.5	-1252.2	4525	8.9	162235.6	-1247.5	4615	9.5	164625.3	-1225.1	4705	9.3	170854.0	-1211.3
4436	10.	160111.8	-1235.4	4526	9.5	162241.6	-1253.5	4616	9.4	164646.2	-1212.7	4706	9.5	170918.0	-1209.1
4437	7.1	160118.5	-1239.9	4527	8.3	162244.1	-1248.7	4617	9.0	164739.1	-1219.4	4707	7.0	170944.3	-1209.1
4438	10.	160129.4	-1251.6	4528	9.3	162315.0	-1211.9	4618	9.5	164746.7	-1258.1	4708	9.8	171009.1	-1201.8
4439	9.8	160137.6	-1241.4	4529	9.8	162325.2	-1229.5	4619	9.8	164800.1	-1216.8	4709	8.7	171017.5	-1207.1
4440	9.4	160148.5	-1239.7	4530	9.3	162328.6	-1256.0	4620	9.3	164830.8	-1232.4	4710	9.1	171028.9	-1253.5
4441	7.3	160150.2	-1230.3	4531	10.	162337.8	-1256.4	4621	9.5	164833.8	-1232.5	4711	7.9	171030.6	-1226.9
4442	9.3	160154.6	-1211.9	4532	9.2	162401.5	-1256.9	4622	9.0	164849.6	-1258.0	4712	9.0	171039.2	-1223.1
4443	10.	160309.9	-1226.6	4533	6.8	162404.6	-1206.3	4623	8.0	164922.3	-1200.0	4713	8.3	171057.0	-1219.6
4444	9.7	160320.6	-1203.6	4534	9.3	162407.8	-1243.2	4624	9.4	164922.4	-1219.6	4714	9.8	171112.8	-1247.5
4445	8.6	160327.0	-1204.8	4535	9.1	162418.1	-1208.6	4625	8.7	164923.8	-1227.3	4715	9.8	171128.6	-1229.8
4446	9.5	160403.5	-1211.0	4536	9.1	162424.0	-1226.8	4626	9.5	164944.0	-1204.3	4716	9.3	171148.8	-1248.2
4447	9.3	160408.7	-1235.1	4537	20.0	162424.1	-1244.6	4627	8.9	165011.1	-1224.2	4717	9.8	171157.2	-1250.3
4448	9.0	160450.3	-1248.8	4538	10.	162432.4	-1235.2	4628	9.2	165012.6	-1248.7	4718	9.1	171201.7	-1259.8
4449	9.8	160455.1	-1240.5	4539	10.	162432.6	-1238.3	4629	9.4	165053.5	-1243.2	4719	9.4	171205.5	-1256.8
4450	9.4	160506.1	-1242.7	4540	9.5	162434.8	-1212.0	4630	10.	165103.7	-1231.5	4720	9.3	171208.2	-1202.1
4451	9.6	160506.6	-1220.1	4541	9.3	162434.8	-1222.5	4631	8.0	165107.9	-1258.3	4721	8.7	171213.4	-1247.4
4452	9.5	160530.3	-1236.2	4542	9.5	162456.5	-1216.0	4632	10.	165109.0	-1247.3	4722	4.5	171239.8	-1241.4
4453	8.9	160532.6	-1217.3	4543	7.3	162506.5	-1228.8	4633	40.0	165122.5	-1240.0	4723	9.6	171240.5	-1219.3
4454	7.7	160533.2	-1239.4	4544	9.9	162514.4	-1258.0	4634	9.0	165144.1	-1247.2	4724	9.0	171241.3	-1241.7
4455	10.	160611.3	-1233.7	4545	9.8	162518.3	-1232.6	4635	9.4	165152.7	-1232.1	4725	7.8	171245.0	-1216.4
4456	9.4	160616.6	-1218.5	4546	7.0	162526.0	-1214.9	4636	9.4	165156.5	-1225.8	4726	7.8	171249.9	-1256.4
4457	9.8	160622.0	-1226.7	4547	9.7	162531.7	-1230.3	4637	9.6	165221.8	-1202.5	4727	8.8	171253.3	-1230.2
4458	9.5	160623.8	-1219.5	4548	9.8	162554.6	-1235.7	4638	9.4	165232.3	-1218.2	4728	9.0	171318.1	-1248.4
4459	10.	160632.3	-1251.7	4549	10.	162620.9	-1258.5	4639	9.3	165244.5	-1209.8	4729	9.8	171321.7	-1229.0
4460	8.3	160702.3	-1251.5	4550	9.4	162726.4	-1259.2	4640	9.0	165308.4	-1247.3	4730	9.4	171335.6	-1244.5
4461	10.	160706.2	-1211.8	4551	9.2	162740.7	-1252.3	4641	8.7	165308.4	-1200.0	4731	9.7	171345.4	-1201.3
4462	8.6	160708.5	-1222.8	4552	9.5	162742.4	-1249.4	4642	9.9	165325.5	-1245.2	4732	9.7	171358.9	-1229.9
4463	7.5	160729.8	-1218.3	4553	9.3	162805.0	-1216.2	4643	9.0	165402.0	-1214.2	4733	9.5	171419.5	-1256.3
4464	9.6	160815.8	-1251.1	4554	9.8	162805.0	-1247.4	4644	9.5	165426.6	-1216.9	4734	8.2	171435.5	-1235.8

C-3

-12 4735 17h14m

-12 5094 18h24m

4735	8.9	171442.4	-1215.1	4825	9.3	173649.6	-1239.0	4915	9.5	175731.4	-1213.9	5005	9.8	181145.0	-1228.3
4736	9.1	171457.7	-1221.4	4826	9.8	173654.5	-1240.5	4916	8.3	175758.8	-1221.8	5006	10.	181145.4	-1221.9
4737	9.4	171514.0	-1202.4	4827	9.1	173706.4	-1258.6	4917	9.4	175801.5	-1235.5	5007	9.1	181156.7	-1246.8
4738	9.8	171521.1	-1245.5	4828	9.3	173731.1	-1206.1	4918	8.3	175805.1	-1238.3	5008	9.3	181201.0	-1242.0
4739	9.8	171522.4	-1237.1	4829	9.8	173756.4	-1224.0	4919	8.7	175814.2	-1250.0	5009	9.1	181210.1	-1213.9
4740	9.3	171553.2	-1237.1	4830	9.6	173800.5	-1229.5	4920	9.7	175836.4	-1226.1	5010	9.8	181225.4	-1220.0
4741	9.5	171627.0	-1212.1	4831	9.1	173800.5	-1227.6	4921	9.6	175838.5	-1209.1	5011	9.1	181226.2	-1254.4
4742	9.8	171650.1	-1205.7	4832	9.7	173835.6	-1241.7	4922	9.6	175841.5	-1230.9	5012	9.6	181227.2	-1210.0
4743	9.5	171709.5	-1252.9	4833	9.7	173844.4	-1207.3	4923	10.	175848.9	-1218.1	5013	9.5	181234.7	-1226.0
4744	9.1	171713.5	-1227.2	4834	9.1	173905.8	-1252.9	4924	10.	175854.3	-1215.2	5014	8.9	181245.2	-1247.7
4745	9.0	171725.8	-1213.2	4835	9.9	173921.6	-1210.4	4925	9.9	175904.5	-1251.3	5015	9.3	181259.2	-1232.8
4746	9.3	171746.0	-1210.1	4836	9.6	173927.8	-1206.5	4926	9.1	175905.2	-1256.4	5016	9.1	181317.1	-1232.5
4747	9.5	171746.0	-1211.2	4837	9.3	173931.2	-1254.0	4927	9.8	175908.2	-1219.2	5017	9.5	181327.2	-1231.9
4748	9.4	171813.9	-1227.6	4838	9.5	173933.9	-1224.0	4928	9.5	175950.4	-1228.6	5018	9.3	181332.4	-1228.5
4749	9.9	171846.5	-1252.2	4839	9.7	173943.6	-1252.3	4929	8.5	180007.5	-1242.6	5019	9.5	181401.7	-1241.5
4750	6.3	171854.4	-1222.5	4840	9.1	174000.4	-1206.6	4930	9.4	180032.6	-1237.7	5020	9.4	181405.9	-1225.0
4751	10.	171858.7	-1230.8	4841	9.3	174023.0	-1259.7	4931	9.3	180055.7	-1204.1	5021	9.1	181429.0	-1206.7
4752	9.3	171902.7	-1234.5	4842	9.6	174034.0	-1251.9	4932	9.1	180103.3	-1257.2	5022	10.	181438.7	-1257.1
4753	9.2	171902.8	-1247.8	4843	9.8	174045.0	-1247.2	4933	9.6	180122.7	-1227.2	5023	9.3	181502.7	-1242.8
4754	8.6	171903.2	-1201.2	4844	9.2	174101.4	-1256.1	4934	9.1	180125.6	-1243.9	5024	5.5	181505.5	-1204.7
4755	9.2	171911.4	-1216.5	4845	9.8	174119.2	-1204.9	4935	9.1	180125.7	-1203.0	5025	9.3	181510.4	-1207.4
4756	9.9	171920.6	-1237.7	4846	9.1	174131.5	-1215.0	4936	9.4	180134.2	-1223.3	5026	7.3	181511.6	-1221.4
4757	7.5	171941.3	-1203.7	4847	9.5	174135.4	-1226.6	4937	9.5	180150.8	-1213.7	5027	9.8	181526.7	-1255.6
4758	9.5	172002.3	-1207.6	4848	7.3	174147.1	-1233.6	4938	9.1	180238.8	-1212.1	5028	9.4	181527.4	-1243.4
4759	8.5	172035.2	-1211.5	4849	9.4	174156.0	-1213.0	4939	8.7	180240.8	-1257.8	5029	9.8	181543.5	-1212.3
4760	9.5	172128.8	-1201.7	4850	9.5	174207.5	-1245.0	4940	9.5	180306.6	-1220.0	5030	9.6	181543.5	-1209.6
4761	10.	172157.6	-1249.3	4851	7.6	174217.1	-1206.6	4941	9.9	180320.7	-1216.7	5031	8.0	181550.6	-1239.1
4762	9.5	172140.0	-1240.9	4852	9.0	174221.4	-1253.2	4942	9.6	180347.3	-1200.3	5032	9.5	181552.2	-1228.3
4763	9.7	172200.1	-1242.6	4853	9.6	174254.4	-1219.0	4943	9.8	180402.5	-1204.2	5033	8.7	181602.4	-1218.1
4764	9.8	172252.0	-1250.5	4854	10.	174257.6	-1239.7	4944	9.2	180421.7	-1234.7	5034	8.8	181604.1	-1216.5
4765	8.9	172338.0	-1254.0	4855	8.8	174316.0	-1222.7	4945	9.5	180436.7	-1248.3	5035	9.5	181628.4	-1214.8
4766	9.5	172339.2	-1257.5	4856	9.5	174318.7	-1212.4	4946	10.	180447.2	-1205.1	5036	8.7	181631.2	-1244.8
4767	8.5	172340.0	-1234.9	4857	9.2	174331.4	-1226.6	4947	9.5	180500.6	-1219.3	5037	9.8	181631.9	-1239.3
4768	8.7	172350.7	-1213.1	4858	10.	174408.6	-1255.8	4948	9.1	180521.0	-1227.0	5038	8.6	181633.2	-1233.1
4769	9.3	172401.9	-1203.3	4859	9.3	174410.7	-1233.2	4949	9.1	180529.5	-1255.0	5039	9.8	181639.4	-1208.8
4770	9.0	172406.6	-1213.6	4860	8.8	174414.6	-1215.5	4950	8.5	180553.7	-1234.9	5040	9.8	181642.5	-1214.3
4771	9.4	172420.6	-1232.0	4861	8.9	174422.1	-1205.3	4951	9.5	180624.3	-1210.6	5041	9.7	181657.2	-1227.3
4772	9.2	172425.5	-1224.8	4862	7.8	174450.7	-1221.6	4952	9.3	180624.9	-1241.9	5042	9.8	181657.4	-1244.3
4773	9.9	172441.0	-1209.5	4863	9.1	174527.9	-1229.5	4953	8.2	180702.5	-1232.1	5043	9.3	181716.1	-1237.2
4774	9.0	172509.0	-1228.2	4864	9.4	174548.0	-1232.1	4954	8.0	180703.8	-1234.5	5044	9.5	181718.5	-1215.7
4775	9.2	172521.1	-1238.9	4865	9.1	174601.6	-1258.0	4955	10.	180719.4	-1210.1	5045	8.5	181722.7	-1246.3
4776	9.8	172613.9	-1255.0	4866	9.8	174616.7	-1259.8	4956	9.4	180724.8	-1256.2	5046	9.6	181735.2	-1259.7
4777	9.5	172623.2	-1238.3	4867	9.4	174625.7	-1230.1	4957	10.	180747.6	-1224.4	5047	9.5	181819.6	-1212.4
4778	8.0	172709.5	-1246.6	4868	9.1	174636.6	-1256.0	4958	10.	180752.2	-1224.3	5048	9.0	181831.7	-1221.6
4779	8.3	172723.8	-1209.6	4869	9.6	174700.6	-1254.9	4959	9.5	180813.5	-1229.5	5049	9.3	181840.3	-1245.0
4780	9.8	172746.9	-1213.9	4870	8.5	174704.1	-1202.4	4960	9.7	180834.9	-1237.3	5050	9.5	181851.2	-1255.3
4781	9.3	172751.4	-1248.0	4871	9.4	174718.3	-1204.2	4961	9.8	180836.2	-1208.0	5051	9.8	181853.3	-1210.7
4782	9.1	172756.3	-1211.3	4872	9.4	174740.2	-1256.9	4962	9.5	180906.1	-1231.1	5052	9.7	181905.7	-1235.2
4783	8.5	172756.6	-1251.1	4873	9.3	174744.1	-1250.5	4963	8.6	180910.9	-1216.5	5053	9.1	181915.2	-1237.5
4784	9.6	172817.2	-1252.2	4874	9.2	174829.1	-1222.9	4964	9.3	180915.5	-1221.4	5054	9.3	181919.7	-1249.1
4785	10.	172828.3	-1251.8	4875	9.5	174854.2	-1217.6	4965	7.7	180918.8	-1246.4	5055	9.0	181928.2	-1233.2
4786	9.6	172910.3	-1201.3	4876	8.9	174859.6	-1250.2	4966	9.5	180919.1	-1235.4	5056	9.8	181929.5	-1217.8
4787	9.0	172915.9	-1251.1	4877	9.9	174919.1	-1215.2	4967	9.1	180920.4	-1219.4	5057	9.3	181950.6	-1215.1
4788	9.0	172926.2	-1254.9	4878	9.7	174957.4	-1231.7	4968	9.5	180922.2	-1234.0	5058	9.0	182020.2	-1253.3
4789	9.1	172930.4	-1248.2	4879	9.8	175036.2	-1242.8	4969	8.9	180924.6	-1208.8	5059	8.9	182026.3	-1244.9
4790	9.6	172959.6	-1248.0	4880	10.	175010.3	-1255.2	4970	8.7	180937.1	-1232.6	5060	9.2	182041.7	-1233.2
4791	8.4	173005.1	-1236.9	4881	9.5	175038.2	-1206.9	4971	8.9	180939.2	-1218.9	5061	9.8	182050.2	-1216.9
4792	9.5	173006.2	-1247.7	4882	9.6	175047.7	-1251.5	4972	9.1	180945.0	-1246.5	5062	9.7	182051.5	-1206.0
4793	9.0	173008.9	-1258.5	4883	9.7	175056.2	-1248.1	4973	10.	180946.0	-1215.4	5063	9.4	182052.2	-1251.8
4794	9.7	173051.5	-1235.4	4884	8.8	175103.7	-1207.0	4974	7.3	180948.1	-1255.2	5064	9.5	182056.1	-1232.6
4795	9.5	173055.7	-1247.7	4885	7.8	175135.3	-1220.4	4975	10.	180950.0	-1219.3	5065	9.7	182107.7	-1237.3
4796	9.6	173108.2	-1239.7	4886	9.5	175137.1	-1240.0	4976	10.	180950.9	-1204.6	5066	9.3	182111.0	-1237.9
4797	9.5	173125.3	-1216.9	4887	9.4	175157.5	-1228.3	4977	10.	180951.0	-1222.0	5067	9.1	182124.2	-1242.2
4798	9.2	173135.6	-1241.2	4888	8.3	175141.2	-1208.4	4978	9.5	180953.5	-1217.2	5068	9.4	182124.2	-1220.2
4799	9.1	173141.0	-1229.5	4889	8.8	175201.1	-1239.1	4979	9.4	180955.5	-1217.5	5069	9.5	182138.7	-1225.6
4800	9.5	173147.0	-1247.2	4890	7.3	175216.2	-1258.5	4980	7.3	180958.2	-1217.2	5070	8.8	182143.0	-1205.4
4801	9.5	173200.2	-1250.5	4891	9.4	175222.7	-1235.3	4981	9.6	180958.2	-1217.0	5071	9.2	182146.3	-1220.7
4802	9.3	173218.7	-1258.2	4892	9.4	175249.7	-1209.7	4982	9.0	181001.8	-1213.9	5072	8.7	182146.9	-1229.2
4803	9.3	173228.4	-1252.5	4893	9.0	175253.2	-1201.7	4983	9.7	181012.8	-1255.2	5073	9.7	182149.8	-1251.5
4804	9.0	173240.6	-1236.7	4894	9.8	175334.3	-1224.6	4984	9.2	181012.8	-1201.1	5074	9.5	182155.9	-1256.2
4805	8.4	173243.4	-1250.0	4895	9.8	175335.5	-1222.8	4985	9.8	181013.5	-1214.4	5075	9.5	182201.7	-1247.0
4806	9.5	173253.0	-1222.9	4896	9.6	175336.5	-1219.5	4986	9.3	181022.9	-1200.5	5076	9.5	182205.7	-1217.0
4807	9.5	173330.6	-1238.6	4897	9.0	175341.4	-1209.9	4987	9.4	181027.6	-1256.6	5077	8.4	182210.2	-1241.2
4808	9.5	173315.5	-1247.6	4898	9.2	175349.8	-1257.1	4988	8.5	181033.5	-1209.3	5078	9.8	182218.6	-1219.3
4809	9.0	173330.6	-1216.6	4899	9.7	175357.7	-1213.5	4989	9.8	181038.9	-1203.5	5079	9.5	182223.5	-1215.9
4810	9.8	173413.6	-1216.4	4900	8.8	175404.9	-1209.3	4990	9.4	181041.3	-1216.0	5080	9.3	182237.7	-1244.1
4811	10.	173420.5	-1221.3	4901	9.8	175407.7	-1206.4	4991	8.0	181042.1	-1230.0	5081	9.4	182250.0	-1207.7
4812	9.8	173452.4	-1242.7	4902	7.5	175414.2	-1218.5	4992	9.5	181044.7	-1239.8	5082	9.5	182305.5	-1210.2
4813	9.8	173502.5	-1249.2	4903	9.9	175427.8	-1216.5	4993	9.5	181054.7	-1249.9	5083	8.7	182315.2	-1226.2
4814	9.5	173516.1	-1226.4	4904	8.8	175432.7	-1220.9	4994	9.3	181055.5	-1209.5	5084	8.3	182318.9	-1241.4
4815	9.5	173522.7	-1253.0	4905	9.1	175434.0	-1204.0	4995	9.5	181058.2	-1212.4	5085	7.0	182319.2	-1206.8
4816	9.5	173530.4	-1245.8	4906	9.7	175459.4	-1231.4	4996	9.5	181103.7	-1243.0	5086	9.5	182319.8	-1248.0
4817	9.4	173530.9	-1229.3	4907	9.5	175505.7	-1250.8	4997	9.4	181118.0	-1216.4	5087	9.6	182333.1	-1257.8
4818	9.6	173555.6	-1238.0	4908	9.8	175531.6	-1237.5	4998	9.7	181122.2	-1244.3	5088	9.8	182335.2	-1244.4
4819	9.7	173603.6	-1214.7	4909	9.8	175534.4	-1221.1	4999	9.2	181125.6	-1221.4	5089	9.5	182353.5	-1209.5
4820	10.	173604.0	-1226.9	4910	9.0	175534.7	-1245.5	5000	9.4	181127.2	-1240.8	5090	9.0	182401.2	-1241.2
4821	9.0	173610.8	-1208.5	4911	9.8	175612.0	-1204.3	5001	8.6	181134.7	-1234.4	5091	9.3	182406.3	-1205.4
4822	8.3	173617.4	-1258.6	4912	9.4	175628.2	-1253.3	5002	9.1	181141.3	-1233.9	5092	9.8	182418.8	-1239.2
4823	9.5	173636.6	-1259.1	4913	8.8	175657.3	-1224.9	5003	10.	181143.4	-1231.9	5093	9.6	182420.6	-1251.1
4824	9.1	173646.4	-1219.9	4914	9.2	175711.1	-1234.6	5004	9.8	181143.9	-1235.5	5094	9.7	182433.9	-1256.0

-12 5095 18h24m

-12 5454 19h26m

5095	9.4	182433.9	-1254.0	5185	9.8	184147.4	-1251.9	5275	9.5	185736.5	-1247.6	5365	9.7	191422.8	-1227.3
5096	9.4	182452.1	-1215.5	5186	9.5	184227.6	-1239.0	5276	9.4	185801.8	-1216.1	5366	10.	191422.9	-1257.5
5097	9.8	182503.6	-1230.9	5187	9.8	184245.9	-1256.6	5277	9.4	185814.3	-1215.7	5367	10.	191426.1	-1202.5
5098	9.6	182504.0	-1254.4	5188	9.2	184252.4	-1242.0	5278	7.0	185822.2	-1205.9	5368	9.0	191426.3	-1207.8
5099	9.1	182508.7	-1221.1	5189	9.4	184302.3	-1223.2	5279	8.0	185837.0	-1237.2	5369	9.5	191437.2	-1200.0
5100	9.5	182524.3	-1201.1	5190	9.5	184311.1	-1226.5	5280	9.2	185840.3	-1216.7	5370	9.8	191439.8	-1206.5
5101	9.5	182524.3	-1204.9	5191	9.1	184418.1	-1225.7	5281	8.3	185855.7	-1203.0	5371	9.1	191440.3	-1211.6
5102	7.7	182524.4	-1248.7	5192	9.8	184421.8	-1254.3	5282	9.0	185908.0	-1234.2	5372	8.7	191441.6	-1212.5
5103	9.1	182544.6	-1214.0	5193	9.2	184424.3	-1203.3	5283	9.5	185908.9	-1253.5	5373	9.5	191447.4	-1209.6
5104	8.9	182545.9	-1221.8	5194	8.8	184429.4	-1231.8	5284	9.8	185924.0	-1246.8	5374	9.2	191448.6	-1244.0
5105	9.8	182546.5	-1244.6	5195	9.0	184435.2	-1204.0	5285	9.0	185925.6	-1222.9	5375	9.4	191450.0	-1229.7
5106	9.1	182603.7	-1251.6	5196	9.5	184448.9	-1232.3	5286	9.5	185940.8	-1221.5	5376	9.5	191452.4	-1216.0
5107	9.6	182627.4	-1210.0	5197	9.5	184507.1	-1219.8	5287	9.7	185941.9	-1233.8	5377	9.3	191515.5	-1219.7
5108	10.	182631.5	-1222.0	5198	8.9	184512.9	-1245.0	5288	9.4	185947.1	-1258.3	5378	9.5	191517.6	-1228.8
5109	9.5	182631.7	-1219.8	5199	9.4	184526.1	-1240.0	5289	9.6	185948.4	-1259.1	5379	9.4	191540.1	-1244.0
5110	9.7	182634.1	-1207.8	5200	9.8	184532.3	-1259.5	5290	9.4	190014.8	-1208.6	5380	9.8	191556.4	-1205.9
5111	9.5	182705.2	-1242.9	5201	9.4	184539.3	-1209.3	5291	9.8	190044.1	-1212.3	5381	9.5	191557.0	-1230.4
5112	7.8	182713.6	-1217.3	5202	9.3	184619.7	-1246.9	5292	9.1	190112.8	-1207.3	5382	9.1	191601.1	-1211.1
5113	9.1	182745.7	-1256.8	5203	9.6	184621.8	-1232.8	5293	9.5	190114.3	-1203.9	5383	9.2	191602.8	-1213.4
5114	10.	182748.2	-1231.5	5204	9.2	184704.2	-1254.8	5294	8.8	190116.4	-1218.9	5384	9.5	191605.9	-1230.3
5115	8.2	182824.1	-1205.6	5205	9.6	184718.3	-1217.1	5295	8.8	190134.6	-1200.9	5385	9.8	191622.2	-1256.7
5116	9.7	182850.9	-1257.6	5206	9.7	184721.7	-1209.6	5296	9.3	190137.5	-1229.2	5386	9.4	191625.0	-1212.0
5117	9.7	182854.1	-1247.1	5207	9.6	184726.3	-1210.0	5297	9.7	190138.5	-1228.5	5387	9.0	191633.6	-1257.5
5118	9.6	182917.0	-1200.7	5208	9.3	184726.3	-1259.1	5298	8.2	190235.0	-1242.5	5388	7.3	191634.3	-1253.7
5119	8.7	182922.4	-1248.0	5209	9.3	184731.9	-1231.3	5299	7.5	190244.9	-1222.4	5389	9.5	191641.9	-1224.0
5120	6.4	182925.7	-1227.9	5210	9.9	184818.2	-1207.6	5300	9.1	190256.9	-1217.7	5390	8.0	191647.8	-1207.2
5121	9.1	182934.3	-1206.4	5211	9.5	184827.3	-1208.6	5301	9.3	190310.4	-1216.4	5391	9.7	191712.4	-1228.9
5122	9.3	182950.2	-1225.2	5212	9.0	184842.3	-1219.8	5302	9.7	190324.9	-1202.5	5392	10.	191714.8	-1258.3
5123	9.9	182956.9	-1229.2	5213	9.5	184845.2	-1208.9	5303	8.7	190339.5	-1254.8	5393	9.0	191732.6	-1256.2
5124	9.3	183011.9	-1217.1	5214	8.8	184857.7	-1204.6	5304	9.8	190342.2	-1216.6	5394	9.6	191742.1	-1232.0
5125	9.8	183020.4	-1240.4	5215	9.1	184907.2	-1203.7	5305	9.8	190427.7	-1240.5	5395	9.4	191755.3	-1212.0
5126	9.0	183033.3	-1244.5	5216	9.5	184909.3	-1218.8	5306	9.4	190428.0	-1258.6	5396	9.3	191804.6	-1252.5
5127	7.9	183039.8	-1210.5	5217	9.5	184911.4	-1248.5	5307	9.6	190440.8	-1213.9	5397	9.5	191806.7	-1220.5
5128	9.9	183056.3	-1205.3	5218	8.3	184937.4	-1259.0	5308	9.0	190446.0	-1249.4	5398	8.9	191812.3	-1234.4
5129	7.5	183118.8	-1222.3	5219	9.8	184951.4	-1248.3	5309	9.0	190500.4	-1217.1	5399	9.0	191813.8	-1251.8
5130	9.0	183124.8	-1257.5	5220	9.8	184955.5	-1214.6	5310	9.1	190505.4	-1220.2	5400	9.3	191825.2	-1247.0
5131	9.1	183127.9	-1238.0	5221	9.5	184957.3	-1218.1	5311	5.9	190509.4	-1231.5	5401	9.6	191833.0	-1210.4
5132	8.5	183134.7	-1200.2	5222	9.5	185002.4	-1256.8	5312	10.	190510.3	-1245.2	5402	9.7	191843.1	-1229.8
5133	9.5	183153.9	-1232.6	5223	9.5	185005.9	-1230.2	5313	9.7	190510.5	-1247.8	5403	9.5	191847.2	-1234.0
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5135	9.4	183201.7	-1251.3	5225	9.5	185019.4	-1239.7	5315	9.0	190550.0	-1259.3	5405	9.6	191921.3	-1226.8
5136	9.8	183206.4	-1255.4	5226	8.8	185022.4	-1233.4	5316	8.2	190602.9	-1219.7	5406	9.4	191936.7	-1242.8
5137	9.0	183227.3	-1249.9	5227	10.	185052.3	-1225.3	5317	8.7	190617.0	-1249.7	5407	9.5	191947.1	-1234.0
5138	9.4	183237.6	-1236.0	5228	6.9	185053.4	-1246.4	5318	9.2	190619.3	-1212.1	5408	9.1	191959.6	-1243.1
5139	9.2	183247.6	-1233.3	5229	9.8	185114.6	-1214.5	5319	9.4	190638.4	-1211.5	5409	7.3	192000.1	-1226.0
5140	9.9	183321.4	-1248.7	5230	9.6	185115.3	-1218.1	5320	9.8	190641.9	-1213.7	5410	9.5	192009.3	-1210.0
5141	9.2	183321.4	-1251.3	5231	9.1	185123.4	-1243.8	5321	9.2	190649.4	-1234.9	5411	9.3	192032.6	-1227.5
5142	9.0	183335.1	-1214.6	5232	9.7	185126.5	-1211.8	5322	9.5	190652.0	-1252.4	5412	9.2	192105.1	-1226.1
5143	9.5	183336.0	-1246.4	5233	9.5	185129.7	-1231.3	5323	9.5	190700.6	-1258.0	5413	9.5	192106.7	-1222.5
5144	9.9	183337.9	-1234.2	5234	9.2	185140.6	-1238.6	5324	9.3	190701.5	-1253.0	5414	9.3	192112.2	-1254.5
5145	9.7	183340.0	-1258.5	5235	9.0	185201.8	-1207.9	5325	9.0	190707.3	-1206.4	5415	9.0	192119.7	-1249.1
5146	9.5	183344.0	-1258.3	5236	8.7	185202.1	-1248.1	5326	9.2	190725.4	-1201.2	5416	9.1	192130.0	-1229.2
5147	9.2	183357.4	-1251.2	5237	8.3	185204.3	-1227.9	5327	9.4	190729.5	-1248.0	5417	7.3	192131.0	-1256.6
5148	9.8	183401.8	-1254.4	5238	9.8	185210.8	-1228.6	5328	8.5	190809.7	-1203.5	5418	9.1	192137.9	-1218.4
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5150	8.7	183428.6	-1202.0	5240	9.5	185226.4	-1250.1	5330	9.8	190818.4	-1208.7	5420	8.3	192156.2	-1252.5
5151	9.0	183526.5	-1251.1	5241	9.5	185239.6	-1230.9	5331	9.4	190851.8	-1202.7	5421	9.0	192158.1	-1246.0
5152	9.6	183534.0	-1229.3	5242	9.3	185250.4	-1247.5	5332	9.4	190855.0	-1229.0	5422	9.5	192212.3	-1233.7
5153	9.3	183554.2	-1230.5	5243	9.3	185304.0	-1230.7	5333	9.1	190902.0	-1252.8	5423	9.5	192216.0	-1219.2
5154	9.5	183602.8	-1246.1	5244	9.2	185306.8	-1210.1	5334	9.5	190919.5	-1247.2	5424	9.5	192241.4	-1218.0
5155	9.0	183620.7	-1208.3	5245	9.5	185342.3	-1234.4	5335	8.8	190928.3	-1225.7	5425	8.0	192241.4	-1209.0
5156	8.3	183657.0	-1256.2	5246	9.4	185346.2	-1205.7	5336	9.3	190942.4	-1209.6	5426	9.4	192250.5	-1222.4
5157	9.9	183708.1	-1233.2	5247	9.0	185401.9	-1258.6	5337	9.0	191001.8	-1202.9	5427	8.3	192305.5	-1246.1
5158	7.8	183710.8	-1243.7	5248	9.0	185405.3	-1234.4	5338	9.5	191015.4	-1219.0	5428	9.5	192308.3	-1240.5
5159	6.7	183725.8	-1244.0	5249	9.5	185405.8	-1208.2	5339	9.2	191021.8	-1207.6	5429	10.	192319.9	-1217.8
5160	8.3	183746.7	-1214.1	5250	9.0	185407.6	-1230.6	5340	9.3	191030.8	-1244.0	5430	9.0	192320.2	-1245.3
5161	9.1	183805.2	-1213.6	5251	9.0	185409.4	-1251.5	5341	9.3	191036.0	-1255.1	5431	9.4	192333.2	-1252.9
5162	8.8	183828.8	-1247.9	5252	9.1	185430.3	-1223.3	5342	9.3	191045.3	-1244.2	5432	9.2	192339.7	-1242.6
5163	8.6	183847.2	-1225.9	5253	9.8	185440.5	-1202.8	5343	9.5	191048.5	-1227.0	5433	9.5	192342.4	-1221.8
5164	8.8	183852.5	-1232.0	5254	9.4	185441.5	-1235.5	5344	9.0	191049.9	-1220.6	5434	9.4	192344.5	-1228.0
5165	9.4	183853.8	-1250.6	5255	9.5	185442.8	-1226.0	5345	9.3	191056.2	-1259.7	5435	9.5	192359.9	-1209.7
5166	8.9	183859.7	-1217.2	5256	9.2	185502.3	-1213.0	5346	9.4	191111.4	-1210.1	5436	9.5	192400.7	-1248.3
5167	9.5	183934.2	-1214.4	5257	9.3	185508.9	-1209.3	5347	9.4	191116.8	-1209.9	5437	9.1	192401.5	-1230.7
5168	7.1	183937.2	-1228.8	5258	9.5	185509.2	-1200.1	5348	10.	191126.1	-1257.9	5438	9.0	192403.4	-1219.2
5169	9.3	183937.3	-1232.5	5259	7.5	185512.8	-1254.8	5349	9.8	191133.4	-1212.4	5439	9.0	192406.7	-1241.5
5170	9.6	183939.0	-1258.1	5260	9.6	185522.4	-1247.6	5350	9.5	191215.8	-1251.7	5440	9.8	192419.2	-1259.7
5171	9.5	184002.5	-1235.3	5261	9.5	185533.3	-1223.7	5351	9.4	191226.0	-1220.9	5441	9.5	192432.7	-1252.5
5172	9.4	184016.8	-1244.1	5262	9.4	185539.2	-1203.8	5352	9.8	191237.1	-1235.7	5442	9.3	192445.8	-1236.5
5173	9.2	184032.2	-1228.0	5263	9.0	185547.0	-1200.6	5353	8.9	191241.6	-1242.1	5443	8.0	192454.2	-1206.5
5174	8.5	184042.3	-1242.8	5264	9.7	185608.0	-1225.4	5354	8.6	191257.2	-1232.1	5444	9.3	192504.2	-1255.7
5175	9.5	184043.4	-1234.3	5265	8.9	185611.9	-1246.3	5355	8.4	191257.7	-1214.9	5445	9.7	192511.7	-1209.3
5176	9.2	184048.1	-1242.9	5266	9.3	185618.0	-1206.8	5356	9.5	191305.2	-1236.1	5446	9.9	192512.8	-1210.7
5177	8.8	184103.8	-1245.2	5267	9.5	185619.3	-1208.3	5357	9.0	191305.5	-1201.7	5447	9.8	192517.2	-1233.4
5178	9.1	184105.2	-1255.5	5268	9.3	185629.9	-1231.5	5358	9.0	191305.5	-1223.4	5448	9.6	192518.3	-1234.3
5179	9.4	184110.3	-1254.9	5269	9.4	185657.9	-1257.6	5359	9.1	191308.1	-1213.7	5449	9.1	192540.0	-1219.4
5180	9.6	184111.9	-1235.4	5270	9.5	185702.8	-1207.1	5360	9.2	191308.4	-1231.0	5450	10.	192548.7	-1232.4
5181	9.5	184115.5	-1233.6	5271	9.2	185705.8	-1211.8	5361	8.9	191313.3	-1231.5	5451	9.5	192549.8	-1237.3
5182	8.7	184119.6	-1258.6	5272	8.8	185711.9	-1238.0	5362	9.8	191336.3	-1214.3	5452	9.0	192555.2	-1206.4
5183	9.1	184128.2	-1241.3	5273	9.3	185719.2	-1233.4	5363	9.7	191349.6	-1238.0	5453	9.6	192559.7	-1232.2
5184	9.6	184138.8	-1243.8	5274	7.5	185733.3	-1213.4	5364	9.8	191416.8	-1258.0	5454	9.5	192619.0	-1216.5

-12 5455 19h26m

5455	9.3	192624.1	-1235.8	5545	9.5	194158.0	-1231.3	5635	8.8	195619.3	-1236.7	5725	9.5	201800.3	-1226.6
5456	8.2	192627.8	-1226.6	5546	9.3	194206.9	-1256.7	5636	8.5	195622.6	-1214.8	5726	9.3	201813.4	-1227.6
5457	9.5	192644.1	-1239.8	5547	9.4	194210.0	-1236.9	5637	9.5	195622.8	-1205.1	5727	8.2	201817.2	-1241.2
5458	9.5	192649.3	-1253.2	5548	9.8	194221.4	-1242.3	5638	9.5	195636.3	-1202.5	5728	9.5	201828.5	-1235.0
5459	9.8	192710.2	-1253.2	5549	10.	194221.6	-1213.5	5639	8.2	195701.4	-1221.9	5729	10.	201852.4	-1234.1
5460	9.9	192726.5	-1217.6	5550	9.5	194241.1	-1215.7	5640	10.	195703.3	-1259.8	5730	9.8	201906.6	-1220.5
5461	6.3	192728.2	-1233.9	5551	9.8	194257.4	-1246.4	5641	6.2	195704.9	-1200.0	5731	7.8	201910.8	-1200.6
5462	9.4	192736.0	-1222.7	5552	9.5	194300.4	-1232.5	5642	9.5	195812.8	-1242.7	5732	9.1	201911.1	-1217.9
5463	9.0	192737.4	-1200.7	5553	9.2	194302.2	-1207.3	5643	9.5	195819.5	-1230.1	5733	9.2	201917.5	-1206.2
5464	9.5	192749.7	-1233.0	5554	8.9	194303.6	-1201.7	5644	9.0	195820.8	-1242.1	5734	9.1	201935.8	-1233.0
5465	9.7	192751.4	-1216.3	5555	9.5	194308.9	-1223.0	5645	7.3	195847.2	-1251.2	5735	9.8	201936.5	-1205.5
5466	9.5	192755.9	-1234.5	5556	9.6	194315.9	-1223.8	5646	9.8	195850.3	-1258.7	5736	9.5	201948.6	-1203.8
5467	9.5	192758.2	-1230.6	5557	9.4	194320.1	-1220.5	5647	9.5	195851.8	-1241.3	5737	10.	202012.1	-1231.9
5468	9.4	192821.0	-1211.7	5558	7.0	194329.4	-1259.1	5648	9.8	195910.2	-1220.3	5738	7.4	202033.6	-1216.5
5469	9.8	192834.7	-1256.0	5559	8.2	194330.6	-1211.0	5649	9.9	195931.1	-1207.5	5739	7.5	202049.5	-1212.0
5470	9.1	192837.3	-1239.7	5560	10.	194338.0	-1240.3	5650	9.6	195940.2	-1209.0	5740	9.7	202052.1	-1211.8
5471	9.8	192843.3	-1255.3	5561	8.7	194338.6	-1223.6	5651	9.2	200010.4	-1232.0	5741	9.8	202104.3	-1247.7
5472	9.3	192857.3	-1227.7	5562	9.3	194342.4	-1248.3	5652	9.8	200018.2	-1226.4	5742	9.1	202134.6	-1214.2
5473	9.0	192857.7	-1202.8	5563	8.5	194401.9	-1256.8	5653	8.5	200052.2	-1205.1	5743	9.3	202143.6	-1244.5
5474	9.5	192936.5	-1235.0	5564	8.5	194403.2	-1214.5	5654	9.5	200055.8	-1255.9	5744	9.8	202154.3	-1240.5
5475	9.3	192953.3	-1256.7	5565	9.4	194423.1	-1208.8	5655	9.0	200113.7	-1234.5	5745	9.3	202208.8	-1235.6
5476	9.6	192956.0	-1216.8	5566	9.5	194430.7	-1219.5	5656	9.0	200159.7	-1225.7	5746	9.7	202213.9	-1234.7
5477	9.5	193003.6	-1236.8	5567	9.0	194456.6	-1202.1	5657	9.1	200220.2	-1211.0	5747	8.2	202222.6	-1216.5
5478	9.1	193023.6	-1229.5	5568	9.4	194503.1	-1233.7	5658	9.3	200222.7	-1231.1	5748	8.5	202227.3	-1242.9
5479	9.5	193034.4	-1234.8	5569	8.8	194519.7	-1209.5	5659	9.5	200225.9	-1244.2	5749	9.1	202229.9	-1234.6
5480	9.3	193039.7	-1220.1	5570	10.	194528.0	-1258.4	5660	9.1	200243.8	-1217.0	5750	9.6	202232.3	-1225.2
5481	9.1	193047.3	-1252.8	5571	9.6	194529.6	-1253.1	5661	9.7	200252.8	-1224.5	5751	9.5	202306.8	-1258.0
5482	9.5	193051.0	-1205.3	5572	9.1	194537.1	-1249.3	5662	9.4	200339.4	-1230.1	5752	8.6	202318.6	-1207.6
5483	9.6	193053.1	-1212.4	5573	9.8	194609.5	-1215.5	5663	8.5	200346.1	-1230.2	5753	9.2	202329.1	-1207.6
5484	9.3	193057.3	-1256.9	5574	7.8	194623.6	-1244.3	5664	6.5	200355.9	-1249.1	5754	9.9	202330.8	-1243.2
5485	9.5	193108.8	-1249.3	5575	9.5	194625.2	-1200.5	5665	9.5	200358.9	-1244.9	5755	9.2	202343.1	-1222.1
5486	10.	193109.7	-1208.6	5576	9.3	194636.1	-1251.1	5666	9.2	200400.3	-1215.9	5756	9.7	202356.6	-1222.1
5487	9.3	193134.1	-1239.2	5577	9.0	194642.1	-1245.8	5667	9.5	200418.0	-1208.6	5757	10.	202407.4	-1227.9
5488	9.0	193148.3	-1216.3	5578	9.8	194654.9	-1216.5	5668	9.7	200447.8	-1205.3	5758	9.2	202408.2	-1236.6
5489	9.3	193159.3	-1251.5	5579	9.4	194707.5	-1242.5	5669	9.5	200455.3	-1205.6	5759	8.5	202410.1	-1203.7
5490	9.8	193159.3	-1259.4	5580	9.1	194735.5	-1249.1	5670	9.5	200521.6	-1244.0	5760	9.8	202450.6	-1203.5
5491	8.8	193202.0	-1212.0	5581	9.1	194749.0	-1250.2	5671	9.2	200547.2	-1231.1	5761	9.8	202454.2	-1222.3
5492	8.8	193217.3	-1256.7	5582	10.	194758.7	-1203.5	5672	9.9	200608.0	-1252.0	5762	9.5	202457.9	-1239.4
5493	9.5	193223.4	-1205.8	5583	9.8	194804.5	-1240.0	5673	9.5	200608.5	-1245.5	5763	9.9	202530.7	-1216.8
5494	9.2	193237.7	-1231.5	5584	9.8	194832.2	-1210.5	5674	9.1	200609.6	-1239.5	5764	8.5	202550.7	-1212.6
5495	9.0	193247.5	-1219.8	5585	9.2	194838.5	-1249.8	5675	7.8	200650.8	-1204.2	5765	9.5	202554.9	-1234.6
5496	10.	193252.3	-1243.1	5586	9.5	194849.3	-1221.0	5676	9.7	200722.0	-1243.1	5766	7.0	202600.8	-1249.7
5497	8.3	193322.6	-1215.6	5587	9.8	194851.7	-1204.7	5677	9.6	200746.0	-1259.5	5767	9.8	202626.8	-1254.4
5498	8.9	193331.0	-1204.0	5588	9.5	194852.5	-1256.5	5678	9.2	200750.4	-1210.2	5768	8.7	202640.8	-1256.4
5499	9.8	193343.4	-1239.5	5589	9.5	194859.8	-1218.7	5679	9.0	200755.4	-1208.1	5769	9.6	202643.4	-1241.5
5500	9.5	193409.2	-1219.9	5590	8.5	194902.2	-1256.8	5680	6.8	200821.0	-1246.5	5770	9.4	202644.2	-1221.9
5501	9.2	193435.8	-1248.5	5591	9.1	194905.7	-1207.1	5681	9.5	200905.5	-1254.1	5771	9.5	202719.4	-1211.7
5502	9.6	193443.6	-1226.0	5592	9.2	194906.7	-1226.5	5682	9.1	200935.6	-1257.7	5772	9.5	202722.1	-1211.1
5503	9.5	193513.4	-1225.5	5593	9.2	194912.1	-1236.2	5683	4.5	200936.5	-1257.2	5773	9.8	202734.2	-1218.4
5504	9.5	193517.5	-1242.5	5594	8.8	194915.5	-1256.1	5684	9.5	200951.5	-1243.7	5774	9.5	202738.2	-1203.9
5505	9.5	193523.6	-1220.4	5595	10.	194929.6	-1216.8	5685	3.8	201000.5	-1259.1	5775	9.5	202744.7	-1222.6
5506	9.4	193529.6	-1228.1	5596	9.7	194931.1	-1217.6	5686	9.1	201054.1	-1228.2	5776	10.	202747.8	-1216.8
5507	9.5	193532.0	-1211.9	5597	9.0	194933.9	-1225.0	5687	9.2	201054.3	-1253.3	5777	9.4	202751.7	-1219.0
5508	9.5	193545.1	-1222.9	5598	9.4	194948.8	-1253.8	5688	9.9	201131.9	-1228.4	5778	6.8	202815.9	-1252.4
5509	9.8	193559.1	-1218.6	5599	9.4	195014.3	-1223.7	5689	9.5	201147.5	-1258.0	5779	9.2	202826.0	-1204.7
5510	7.8	193604.0	-1200.7	5600	9.8	195015.6	-1234.4	5690	9.6	201147.7	-1237.8	5780	9.5	202838.7	-1201.9
5511	9.0	193607.3	-1247.9	5601	9.8	195032.2	-1226.5	5691	9.6	201149.8	-1242.4	5781	9.6	202849.9	-1235.2
5512	9.5	193619.6	-1215.2	5602	8.8	195100.1	-1235.3	5692	9.5	201159.9	-1223.8	5782	9.8	202856.2	-1222.8
5513	9.3	193625.4	-1239.6	5603	8.9	195101.0	-1221.1	5693	9.1	201203.4	-1201.0	5783	9.6	202901.3	-1216.0
5514	9.6	193625.6	-1215.7	5604	9.4	195101.5	-1251.7	5694	9.2	201224.9	-1200.9	5784	8.9	202904.2	-1200.4
5515	9.5	193626.1	-1255.2	5605	9.3	195102.7	-1205.0	5695	9.4	201231.7	-1258.0	5785	8.9	202906.2	-1224.3
5516	9.5	193706.5	-1203.4	5606	9.0	195107.3	-1207.0	5696	9.2	201231.9	-1204.9	5786	9.5	202921.2	-1206.9
5517	9.3	193729.6	-1202.5	5607	7.5	195133.2	-1206.3	5697	9.8	201240.6	-1243.8	5787	8.6	202927.2	-1221.6
5518	9.1	193739.4	-1242.6	5608	8.7	195136.1	-1225.5	5698	9.8	201255.5	-1217.0	5788	9.3	202953.6	-1235.7
5519	9.3	193754.0	-1235.1	5609	9.8	195154.9	-1256.2	5699	10.	201308.6	-1258.7	5789	8.5	202953.9	-1231.2
5520	10.	193756.2	-1211.2	5610	9.4	195216.1	-1239.2	5700	9.6	201310.6	-1236.6	5790	9.0	202954.7	-1248.5
5521	9.8	193807.9	-1250.1	5611	9.5	195221.3	-1221.3	5701	9.0	201312.2	-1212.7	5791	9.8	202956.7	-1212.4
5522	10.	193818.4	-1216.3	5612	9.5	195258.1	-1259.4	5702	9.1	201334.0	-1220.5	5792	8.4	203034.3	-1227.5
5523	8.0	193824.1	-1213.7	5613	7.3	195300.7	-1238.0	5703	9.3	201403.5	-1255.4	5793	9.8	203034.4	-1235.1
5524	9.8	193826.0	-1239.0	5614	9.4	195302.8	-1209.8	5704	8.5	201434.7	-1250.5	5794	8.3	203059.3	-1235.1
5525	9.1	193828.4	-1256.6	5615	9.5	195307.6	-1227.7	5705	10.	201443.6	-1257.1	5795	7.8	203125.6	-1216.1
5526	8.2	193850.0	-1229.6	5616	9.4	195308.9	-1233.7	5706	9.3	201450.4	-1210.7	5796	8.8	203131.2	-1223.9
5527	9.8	193850.9	-1243.5	5617	8.7	195310.4	-1214.4	5707	9.3	201509.1	-1242.8	5797	9.9	203131.9	-1252.2
5528	9.2	193851.5	-1231.9	5618	9.0	195322.2	-1229.5	5708	9.5	201509.3	-1233.8	5798	9.4	203136.1	-1233.7
5529	9.6	193857.3	-1213.8	5619	9.0	195356.9	-1256.5	5709	9.5	201522.0	-1215.3	5799	10.	203137.5	-1245.7
5530	9.0	193858.5	-1236.1	5620	9.6	195407.2	-1231.8	5710	9.5	201536.9	-1211.2	5800	9.3	203209.6	-1236.8
5531	9.8	193949.8	-1248.0	5621	8.8	195415.8	-1221.4	5711	9.5	201541.2	-1250.1	5801	9.5	203218.0	-1244.9
5532	9.8	193950.6	-1218.8	5622	9.4	195421.2	-1231.2	5712	9.0	201552.6	-1219.8	5802	9.5	203244.3	-1204.5
5533	9.3	193956.9	-1254.2	5623	7.8	195425.9	-1213.9	5713	10.	201558.0	-1217.4	5803	8.5	203255.5	-1242.8
5534	9.4	193957.1	-1218.4	5624	9.1	195429.8	-1244.6	5714	8.5	201618.7	-1204.3	5804	9.5	203313.0	-1242.4
5535	8.7	193958.7	-1250.0	5625	9.4	195451.7	-1220.8	5715	9.8	201626.3	-1235.7	5805	10.	203320.8	-1224.6
5536	9.0	194007.2	-1220.0	5626	9.9	195453.3	-1211.0	5716	9.5	201629.1	-1255.0	5806	9.9	203325.0	-1210.1
5537	9.8	194029.1	-1245.1	5627	9.4	195508.3	-1206.0	5717	9.4	201653.4	-1235.3	5807	9.5	203334.0	-1226.9
5538	9.9	194031.0	-1227.1	5628	8.0	195512.9	-1249.3	5718	9.6	201653.6	-1200.5	5808	8.2	203343.5	-1250.8
5539	9.4	194034.4	-1247.4	5629	9.3	195520.0	-1237.6	5719	8.8	201657.5	-1202.0	5809	9.9	203420.0	-1242.3
5540	7.8	194035.7	-1228.5	5630	9.8	195521.0	-1254.8	5720	9.4	201658.9	-1241.4	5810	9.8	203421.8	-1218.3
5541	6.5	194046.2	-1240.2	5631	9.8	195537.9	-1243.6	5721	7.7	201708.5	-1210.2	5811	9.3	203453.7	-1229.4
5542	9.1	194056.6	-1215.9	5632	9.1	195541.8	-1217.6	5722	9.4	201714.9	-1247.2	5812	8.7	203455.0	-1231.0
5543	9.5	194137.4	-1245.2	5633	9.7	195558.9	-1259.2	5723	10.	201723.2	-1221.9	5813	9.8	203520.1	-1248.8
5544	9.8	194142.5	-1232.7	5634	9.0	195606.4	-1212.7	5724	9.1	201731.0	-1231.4	5814	8.5	203520.3	-1213.7

-12 5814 20h35m

-12 5815 20h35m

-12 6174 21h58m

5815	9.0	203524.4	-1217.1	5905	9.9	205752.8	-1230.0	5995	9.3	211837.4	-1238.9	6085	9.6	213801.4	-1255.8
5816	9.4	203528.3	-1225.0	5906	9.8	205820.8	-1234.6	5996	9.7	211908.4	-1220.1	6086	9.4	213824.3	-1239.4
5817	8.5	203533.5	-1255.5	5907	8.3	205835.5	-1232.0	5997	8.8	211931.4	-1252.6	6087	5.5	213843.6	-1201.8
5818	6.7	203537.4	-1209.5	5908	9.5	205836.7	-1245.4	5998	7.3	211946.5	-1217.4	6088	7.3	213852.4	-1221.7
5819	9.7	203547.4	-1230.9	5909	10.	205925.2	-1245.4	5999	10.	211952.0	-1221.4	6089	8.9	213858.7	-1236.0
5820	9.7	203611.6	-1240.6	5910	9.9	205945.4	-1206.8	6000	9.4	212007.6	-1227.0	6090	10.	213901.3	-1227.4
5821	8.3	203612.0	-1207.3	5911	9.0	205956.8	-1246.2	6001	8.5	212012.6	-1233.3	6091	9.2	213931.6	-1238.7
5822	9.0	203613.1	-1248.6	5912	9.5	210000.8	-1205.5	6002	9.1	212015.4	-1242.6	6092	9.8	213949.5	-1257.9
5823	9.8	203614.5	-1220.7	5913	9.0	210003.0	-1216.5	6003	8.8	212018.9	-1223.8	6093	10.	214001.6	-1219.9
5824	9.1	203636.9	-1206.1	5914	9.3	210026.8	-1236.3	6004	9.8	212019.3	-1217.4	6094	9.1	214011.5	-1218.3
5825	9.6	203656.2	-1238.2	5915	9.2	210108.4	-1254.0	6005	7.0	212021.8	-1211.7	6095	8.7	214014.9	-1248.9
5826	9.5	203700.6	-1242.1	5916	10.	210120.8	-1249.9	6006	9.8	212024.7	-1203.0	6096	9.2	214016.9	-1250.2
5827	9.5	203755.2	-1229.1	5917	10.	210137.7	-1255.3	6007	9.8	212114.3	-1207.0	6097	9.8	214019.0	-1234.4
5828	9.5	203806.9	-1230.4	5918	9.0	210139.4	-1211.2	6008	8.7	212136.5	-1242.5	6098	9.4	214019.9	-1217.2
5829	9.0	203812.5	-1258.6	5919	9.2	210151.4	-1231.7	6009	9.6	212146.2	-1205.4	6099	9.8	214039.4	-1217.5
5830	9.0	203813.1	-1207.6	5920	9.2	210206.3	-1207.0	6010	9.5	212200.5	-1233.6	6100	9.5	214116.8	-1226.0
5831	9.4	203814.0	-1225.5	5921	9.0	210226.4	-1252.1	6011	10.	212218.9	-1221.8	6101	10.	214128.6	-1201.6
5832	9.3	203836.7	-1236.0	5922	10.	210227.8	-1237.9	6012	9.7	212220.8	-1229.9	6102	10.	214159.5	-1220.4
5833	9.1	203837.1	-1249.2	5923	10.	210229.1	-1242.8	6013	10.	212240.6	-1251.2	6103	8.3	214216.6	-1216.8
5834	9.5	203910.6	-1217.1	5924	9.8	210238.5	-1235.3	6014	9.4	212243.8	-1207.6	6104	8.2	214224.0	-1200.7
5835	9.5	203911.0	-1254.6	5925	9.1	210252.8	-1258.4	6015	9.6	212247.2	-1253.3	6105	9.8	214227.5	-1253.6
5836	9.6	203940.4	-1228.7	5926	8.2	210254.6	-1219.0	6016	9.7	212252.6	-1225.4	6106	9.7	214301.3	-1201.4
5837	9.3	203942.2	-1240.4	5927	8.6	210338.5	-1207.5	6017	9.1	212258.5	-1200.1	6107	9.4	214306.1	-1252.2
5838	9.8	203943.6	-1255.1	5928	8.9	210404.4	-1206.1	6018	8.5	212343.7	-1234.4	6108	10.	214317.0	-1259.1
5839	8.0	204016.6	-1259.1	5929	9.6	210413.9	-1230.9	6019	9.3	212345.4	-1202.4	6109	9.8	214319.5	-1253.5
5840	8.9	204026.0	-1205.1	5930	9.6	210420.3	-1227.4	6020	10.	212357.5	-1225.3	6110	10.	214332.7	-1232.4
5841	10.	204122.7	-1248.0	5931	8.9	210426.1	-1230.5	6021	9.5	212404.6	-1223.2	6111	9.8	214334.8	-1200.1
5842	10.	204135.2	-1245.0	5932	9.0	210432.2	-1224.4	6022	9.6	212408.8	-1208.9	6112	8.8	214337.0	-1253.9
5843	9.3	204136.1	-1211.0	5933	9.0	210432.6	-1220.7	6023	9.9	212412.1	-1200.1	6113	9.1	214341.4	-1219.6
5844	9.4	204139.3	-1200.6	5934	9.9	210439.4	-1206.4	6024	9.7	212426.6	-1212.3	6114	9.5	214342.0	-1248.9
5845	9.4	204208.6	-1204.3	5935	9.0	210508.5	-1208.6	6025	9.8	212426.6	-1242.5	6115	9.2	214426.1	-1235.7
5846	9.3	204225.7	-1217.5	5936	9.5	210548.9	-1244.5	6026	7.0	212429.5	-1253.9	6116	9.6	214430.5	-1257.0
5847	9.5	204231.1	-1200.7	5937	9.8	210550.4	-1203.1	6027	9.2	212435.0	-1222.7	6117	9.0	214457.8	-1212.6
5848	9.1	204242.0	-1226.4	5938	8.7	210555.8	-1232.7	6028	9.4	212542.1	-1219.5	6118	9.8	214512.0	-1254.4
5849	9.3	204246.9	-1206.8	5939	9.5	210610.2	-1230.5	6029	8.7	212603.3	-1246.4	6119	8.8	214513.1	-1200.1
5850	9.2	204247.2	-1247.5	5940	9.5	210610.7	-1233.0	6030	8.9	212608.7	-1225.0	6120	9.3	214609.1	-1245.7
5851	9.9	204307.7	-1225.3	5941	9.1	210617.4	-1241.1	6031	9.5	212626.4	-1252.0	6121	9.8	214609.1	-1242.8
5852	9.4	204321.1	-1207.2	5942	10.	210635.7	-1229.8	6032	9.1	212631.1	-1258.0	6122	8.8	214628.8	-1202.6
5853	9.6	204408.5	-1218.4	5943	9.8	210639.4	-1242.4	6033	9.5	212725.9	-1202.6	6123	9.2	214635.0	-1202.6
5854	6.5	204509.1	-1207.0	5944	9.8	210644.7	-1226.3	6034	10.	212741.7	-1225.7	6124	9.1	214638.1	-1221.5
5855	9.0	204532.9	-1238.2	5945	9.6	210649.6	-1216.9	6035	8.4	212743.3	-1225.9	6125	9.6	214700.6	-1201.1
5856	9.9	204542.2	-1222.9	5946	9.7	210650.2	-1228.1	6036	9.8	212826.5	-1251.3	6126	8.0	214712.5	-1239.0
5857	8.4	204544.1	-1212.0	5947	9.7	210711.1	-1227.1	6037	9.8	212835.2	-1212.5	6127	9.1	214810.1	-1239.3
5858	8.3	204600.3	-1250.3	5948	9.6	210719.9	-1204.9	6038	9.8	212845.6	-1203.7	6128	10.	214817.4	-1236.1
5859	9.5	204612.7	-1223.7	5949	9.8	210730.9	-1259.0	6039	9.1	212858.5	-1230.0	6129	9.8	214845.8	-1206.4
5860	9.9	204618.2	-1213.6	5950	9.1	210733.3	-1241.2	6040	9.5	212901.3	-1213.6	6130	9.1	214906.2	-1253.7
5861	9.5	204624.1	-1208.2	5951	10.	210802.5	-1203.2	6041	9.1	212908.0	-1203.6	6131	10.	214923.7	-1252.5
5862	10.	204703.3	-1227.5	5952	9.7	210845.9	-1229.7	6042	9.7	212922.1	-1224.1	6132	9.5	214947.6	-1214.2
5863	9.7	204706.5	-1232.2	5953	9.5	210905.0	-1200.1	6043	10.	212929.2	-1227.7	6133	9.6	214950.4	-1245.2
5864	9.2	204732.8	-1237.6	5954	9.5	210958.7	-1217.0	6044	7.7	212930.1	-1206.3	6134	8.3	215029.6	-1247.5
5865	8.6	204735.1	-1220.4	5955	9.8	211004.1	-1236.3	6045	9.5	212933.2	-1238.1	6135	9.5	215033.4	-1235.1
5866	9.5	204801.0	-1216.5	5956	9.8	211011.7	-1251.6	6046	9.3	213017.1	-1249.4	6136	9.8	215036.2	-1219.9
5867	9.8	204802.8	-1254.5	5957	10.	211029.8	-1233.5	6047	9.2	213020.2	-1257.5	6137	8.9	215046.6	-1240.2
5868	9.7	204804.0	-1257.9	5958	8.0	211035.7	-1252.0	6048	8.3	213025.7	-1241.3	6138	10.	215106.7	-1253.3
5869	8.8	204805.7	-1208.9	5959	9.7	211042.4	-1232.9	6049	9.8	213046.6	-1241.0	6139	10.	215117.6	-1256.3
5870	9.7	204813.0	-1243.6	5960	9.5	211110.7	-1232.1	6050	10.	213048.3	-1253.1	6140	9.7	215120.5	-1230.8
5871	9.5	204903.0	-1238.3	5961	9.4	211120.1	-1231.2	6051	9.9	213050.2	-1218.4	6141	9.8	215131.3	-1221.1
5872	9.4	204908.0	-1201.4	5962	8.8	211136.8	-1256.9	6052	9.8	213051.2	-1205.4	6142	10.	215149.3	-1227.2
5873	10.	204937.1	-1205.2	5963	9.2	211201.7	-1240.0	6053	10.	213102.8	-1256.7	6143	8.9	215223.9	-1254.8
5874	9.8	204947.9	-1225.5	5964	10.	211207.2	-1253.9	6054	9.3	213123.7	-1253.9	6144	9.3	215228.8	-1216.1
5875	9.8	205000.0	-1219.1	5965	8.2	211208.7	-1225.5	6055	10.	213139.6	-1212.8	6145	9.5	215233.7	-1241.1
5876	7.1	205005.9	-1230.8	5966	9.0	211300.8	-1217.0	6056	9.8	213150.7	-1211.9	6146	9.2	215239.3	-1206.2
5877	8.8	205009.1	-1256.4	5967	9.3	211313.8	-1218.0	6057	9.3	213236.0	-1204.2	6147	8.8	215257.6	-1207.1
5878	9.1	205011.6	-1258.9	5968	9.5	211314.1	-1207.5	6058	9.8	213248.8	-1253.0	6148	10.	215304.9	-1246.4
5879	9.5	205027.9	-1215.1	5969	9.8	211321.8	-1220.7	6059	9.4	213334.5	-1244.3	6149	9.7	215319.8	-1225.6
5880	10.	205044.9	-1247.2	5970	9.0	211330.0	-1255.2	6060	9.1	213334.8	-1224.9	6150	8.6	215326.0	-1202.2
5881	9.8	205056.1	-1231.7	5971	9.0	211330.4	-1256.2	6061	9.5	213338.6	-1207.7	6151	9.8	215330.8	-1208.7
5882	9.2	205106.3	-1203.2	5972	7.9	211337.6	-1204.2	6062	8.9	213352.2	-1223.1	6152	9.0	215352.2	-1240.7
5883	9.9	205129.1	-1226.2	5973	9.8	211343.7	-1247.1	6063	9.5	213357.6	-1215.3	6153	9.1	215353.3	-1241.1
5884	9.7	205149.2	-1230.8	5974	9.0	211343.9	-1215.1	6064	9.5	213405.3	-1218.8	6154	10.	215400.6	-1258.5
5885	9.6	205259.2	-1207.5	5975	9.9	211351.7	-1210.8	6065	8.0	213409.8	-1254.1	6155	9.8	215413.8	-1207.5
5886	8.5	205306.9	-1202.0	5976	9.2	211355.8	-1258.5	6066	9.8	213415.7	-1240.5	6156	9.5	215416.2	-1240.9
5887	9.4	205343.3	-1253.6	5977	9.7	211403.8	-1217.7	6067	9.8	213416.4	-1210.0	6157	9.5	215454.7	-1211.2
5888	9.8	205348.1	-1251.7	5978	9.1	211514.3	-1216.2	6068	9.3	213420.9	-1254.4	6158	9.4	215457.9	-1254.3
5889	10.	205403.6	-1246.9	5979	9.8	211529.8	-1247.1	6069	9.4	213423.4	-1215.3	6159	9.2	215510.3	-1215.9
5890	7.0	205405.3	-1215.8	5980	9.4	211540.2	-1233.1	6070	9.3	213423.5	-1221.1	6160	9.2	215516.3	-1208.9
5891	9.5	205415.6	-1258.7	5981	8.2	211548.3	-1240.2	6071	9.5	213438.8	-1234.5	6161	9.1	215529.3	-1210.7
5892	9.6	205420.6	-1244.3	5982	9.8	211555.7	-1208.2	6072	9.7	213439.3	-1236.1	6162	10.	215535.5	-1238.8
5893	9.5	205424.6	-1220.1	5983	9.8	211601.2	-1205.2	6073	9.7	213443.3	-1218.9	6163	9.7	215539.7	-1229.0
5894	9.4	205500.4	-1229.3	5984	9.8	211644.1	-1206.3	6074	8.9	213446.4	-1241.8	6164	9.4	215559.2	-1246.3
5895	9.5	205522.9	-1247.7	5985	9.1	211648.1	-1224.1	6075	9.0	213452.7	-1238.7	6165	9.8	215615.3	-1211.6
5896	9.1	205532.9	-1226.7	5986	9.8	211654.4	-1255.8	6076	9.2	213538.9	-1255.0	6166	9.8	215615.4	-1206.0
5897	9.1	205549.6	-1232.6	5987	9.4	211657.3	-1212.7	6077	9.8	213543.3	-1212.0	6167	9.4	215621.3	-1213.8
5898	9.2	205617.3	-1232.0	5988	10.	211658.7	-1201.6	6078	9.3	213626.8	-1221.2	6168	10.	215633.5	-1256.6
5899	9.4	205630.3	-1214.5	5989	10.	211756.8	-1215.5	6079	8.7	213631.0	-1224.3	6169	9.1	215642.6	-1206.9
5900	9.8	205642.2	-1241.0	5990	9.6	211757.9	-1216.8	6080	8.7	213634.3	-1226.1	6170	9.4	215659.4	-1209.6
5901	9.7	205701.2	-1258.6	5991	9.7	211811.5	-1230.2	6081	9.5	213648.3	-1238.1	6171	10.	215702.5	-1256.6
5902	9.8	205703.7	-1205.8	5992	9.1	211815.7	-1203.6	6082	9.5	213708.1	-1204.4	6172	9.6	215706.1	-1230.5
5903	9.9	205712.2	-1229.0	5993	9.4	211831.6	-1216.5	6083	9.6	213722.4	-1247.5	6173	9.4	215722.9	-1250.6
5904	9.6	205728.6	-1250.2	5994	7.5	211832.4	-1242.1	6084	9.8	213738.8	-1219.1	6174	9.5	215806.8	-1236.5

-12 6175 21h58m

-12 6534 23h33m

6175	9.6	215807.6	-1239.2	6265	10.	221754.4	-1202.3	6355	9.3	224110.1	-1224.7	6445	10.	230453.6	-1215.6
6176	9.4	215810.4	-1221.0	6266	9.8	221759.3	-1211.0	6356	9.5	224126.0	-1244.4	6446	9.5	230511.3	-1256.1
6177	9.8	215845.4	-1214.3	6267	9.5	221809.1	-1224.8	6357	7.8	224147.8	-1207.0	6447	10.	230529.6	-1218.4
6178	9.8	215854.0	-1207.0	6268	9.5	221814.8	-1255.7	6358	9.3	224213.3	-1213.7	6448	9.5	230555.6	-1208.0
6179	10.	220003.0	-1207.9	6269	8.3	221829.3	-1247.1	6359	9.6	224326.9	-1207.3	6449	9.1	230602.8	-1232.4
6180	9.8	220003.0	-1249.4	6270	9.8	221848.2	-1233.2	6360	9.9	224328.8	-1226.7	6450	9.2	230630.5	-1225.3
6181	9.9	220014.7	-1241.2	6271	8.3	221907.4	-1204.9	6361	9.4	224333.9	-1207.2	6451	9.5	230658.4	-1230.3
6182	9.4	220019.5	-1209.5	6272	9.0	221914.8	-1239.2	6362	10.	224339.8	-1206.9	6452	10.	230728.7	-1252.1
6183	9.4	220020.4	-1235.5	6273	9.8	221924.3	-1229.6	6363	9.5	224346.3	-1249.5	6453	7.7	230747.1	-1221.4
6184	9.3	220031.6	-1235.4	6274	8.5	222023.9	-1237.4	6364	9.0	224357.2	-1248.0	6454	7.9	230801.8	-1225.5
6185	7.8	220049.0	-1219.3	6275	8.8	222049.4	-1205.9	6365	9.3	224444.4	-1200.8	6455	9.7	230819.2	-1244.4
6186	9.8	220056.4	-1203.0	6276	9.7	222051.4	-1256.0	6366	10.	224455.0	-1243.9	6456	9.1	230840.6	-1239.0
6187	9.8	220056.5	-1238.5	6277	9.1	222103.9	-1258.2	6367	9.1	224510.1	-1224.7	6457	9.2	230908.7	-1245.7
6188	9.8	220103.2	-1250.1	6278	8.8	222110.4	-1225.9	6368	9.6	224516.3	-1245.9	6458	10.	230911.9	-1216.5
6189	9.6	220126.3	-1225.7	6279	10.	222112.4	-1247.5	6369	9.2	224516.8	-1234.7	6459	9.4	230930.8	-1231.6
6190	9.2	220128.1	-1227.4	6280	9.8	222134.9	-1224.7	6370	9.3	224530.8	-1232.7	6460	9.8	230936.6	-1232.9
6191	8.2	220132.4	-1204.3	6281	9.0	222140.9	-1209.0	6371	5.9	224550.4	-1222.8	6461	6.3	231006.2	-1229.9
6192	9.5	220146.5	-1215.5	6282	9.0	222158.9	-1215.7	6372	9.7	224620.3	-1205.6	6462	8.5	231019.9	-1203.3
6193	9.8	220146.6	-1254.4	6283	9.8	222201.4	-1257.5	6373	10.	224624.1	-1238.5	6463	9.5	231031.2	-1232.2
6194	9.5	220220.3	-1225.7	6284	8.8	222203.6	-1227.3	6374	7.0	224628.1	-1257.5	6464	9.8	231036.8	-1206.1
6195	9.8	220224.8	-1205.8	6285	9.1	222204.7	-1215.7	6375	9.7	224653.6	-1228.2	6465	9.3	231114.3	-1256.3
6196	5.7	220251.6	-1216.3	6286	9.5	222310.4	-1201.9	6376	9.8	224656.5	-1205.4	6466	8.9	231119.5	-1235.6
6197	8.9	220300.8	-1223.1	6287	9.8	222324.0	-1243.1	6377	9.6	224657.6	-1215.8	6467	9.6	231123.4	-1204.5
6198	9.4	220307.2	-1216.1	6288	9.3	222341.5	-1254.5	6378	9.7	224706.9	-1209.9	6468	7.2	231127.9	-1257.6
6199	9.8	220319.8	-1240.7	6289	10.	222355.0	-1259.4	6379	9.9	224717.2	-1237.3	6469	9.4	231201.7	-1253.0
6200	10.	220342.4	-1222.7	6290	9.7	222404.5	-1244.5	6380	9.5	224819.0	-1212.3	6470	10.	231230.8	-1214.4
6201	9.0	220351.3	-1203.9	6291	9.8	222410.0	-1217.8	6381	9.1	224827.7	-1255.4	6471	9.8	231233.9	-1205.8
6202	9.9	220413.2	-1248.8	6292	9.5	222449.5	-1241.5	6382	9.7	224846.2	-1244.5	6472	9.8	231428.4	-1232.9
6203	10.	220420.5	-1202.6	6293	9.6	222518.7	-1227.9	6383	9.9	224848.0	-1208.9	6473	9.9	231439.4	-1251.7
6204	9.0	220428.2	-1218.9	6294	10.	222536.3	-1225.1	6384	9.3	224903.8	-1205.9	6474	9.8	231453.6	-1209.1
6205	9.1	220454.8	-1208.0	6295	9.3	222548.0	-1259.8	6385	10.	224907.9	-1203.3	6475	9.5	231457.6	-1213.8
6206	9.7	220503.2	-1231.4	6296	9.3	222556.0	-1216.9	6386	10.	224928.2	-1256.6	6476	9.6	231517.2	-1225.6
6207	9.1	220520.1	-1252.3	6297	10.	222600.0	-1210.3	6387	9.7	224941.4	-1201.5	6477	9.9	231538.0	-1206.8
6208	9.5	220534.7	-1249.4	6298	9.5	222604.5	-1249.6	6388	9.5	224956.8	-1201.0	6478	9.4	231559.6	-1217.1
6209	7.0	220540.4	-1238.4	6299	9.0	222622.5	-1254.0	6389	9.3	225029.3	-1256.4	6479	9.9	231605.4	-1242.2
6210	9.0	220549.5	-1200.7	6300	9.4	222646.3	-1202.4	6390	9.3	225133.8	-1238.5	6480	9.5	231624.9	-1243.3
6211	9.9	220606.7	-1256.6	6301	9.8	222647.6	-1215.5	6391	9.7	225210.2	-1205.3	6481	9.8	231630.6	-1222.5
6212	9.0	220610.5	-1218.7	6302	9.1	222656.8	-1207.5	6392	9.6	225212.3	-1242.3	6482	9.1	231727.9	-1239.0
6213	10.	220614.1	-1219.6	6303	9.2	222657.6	-1248.8	6393	9.7	225215.7	-1209.4	6483	10.	231742.7	-1202.6
6214	9.4	220616.6	-1251.6	6304	9.9	222706.1	-1242.5	6394	9.5	225237.3	-1245.4	6484	9.5	231804.9	-1236.8
6215	10.	220619.7	-1254.1	6305	9.8	222710.1	-1206.8	6395	9.4	225302.2	-1252.6	6485	9.1	231815.3	-1224.7
6216	10.	220635.2	-1258.7	6306	9.6	222805.8	-1233.0	6396	9.0	225341.1	-1200.5	6486	9.8	231828.9	-1259.4
6217	10.	220636.0	-1204.4	6307	9.2	222817.6	-1220.7	6397	10.	225349.9	-1247.5	6487	9.3	231844.0	-1225.9
6218	8.2	220645.2	-1258.3	6308	9.3	222837.0	-1247.1	6398	9.0	225352.3	-1251.8	6488	9.5	231916.7	-1231.4
6219	9.2	220654.6	-1202.0	6309	9.4	222839.1	-1233.0	6399	9.8	225405.9	-1221.0	6489	9.5	231918.7	-1240.0
6220	9.6	220705.0	-1212.7	6310	10.	222842.6	-1201.5	6400	9.2	225433.7	-1206.5	6490	9.1	231919.6	-1220.3
6221	10.	220758.8	-1235.1	6311	9.7	222845.4	-1231.0	6401	10.	225436.1	-1239.2	6491	9.6	231932.7	-1216.2
6222	9.4	220810.5	-1220.3	6312	9.8	222903.1	-1230.2	6402	8.5	225446.8	-1205.2	6492	9.5	232037.0	-1253.9
6223	9.2	220832.3	-1257.9	6313	9.8	222909.1	-1248.9	6403	9.3	225450.3	-1202.7	6493	9.5	232047.1	-1259.8
6224	9.0	220844.4	-1223.2	6314	9.1	222909.8	-1257.5	6404	8.0	225455.8	-1202.7	6494	9.8	232054.0	-1257.5
6225	10.	220858.8	-1230.2	6315	7.7	222924.0	-1228.6	6405	9.1	225506.0	-1200.9	6495	10.	232106.6	-1205.8
6226	9.9	220859.6	-1249.3	6316	9.5	222928.6	-1218.3	6406	9.7	225519.9	-1231.5	6496	6.3	232131.8	-1214.8
6227	7.5	220900.8	-1221.8	6317	9.5	222945.6	-1247.2	6407	9.5	225520.6	-1240.1	6497	9.4	232215.2	-1232.3
6228	9.6	220920.1	-1205.8	6318	9.4	222948.6	-1212.7	6408	10.	225520.7	-1212.7	6498	9.5	232225.3	-1209.0
6229	9.8	220941.0	-1206.0	6319	9.6	223037.5	-1230.8	6409	9.4	225538.4	-1226.3	6499	9.4	232209.8	-1241.7
6230	9.4	220947.8	-1238.6	6320	9.9	223048.8	-1201.6	6410	9.4	225555.9	-1241.2	6500	9.8	232212.7	-1233.3
6231	9.0	220953.3	-1257.5	6321	10.	223138.4	-1251.1	6411	9.5	225636.4	-1256.4	6501	9.5	232213.6	-1245.4
6232	9.5	221003.0	-1206.2	6322	9.9	223239.9	-1246.8	6412	9.2	225646.0	-1249.0	6502	9.2	232230.0	-1242.2
6233	9.5	221046.4	-1248.9	6323	8.3	223241.0	-1221.4	6413	8.5	225651.7	-1257.3	6503	9.8	232303.3	-1234.4
6234	9.7	221050.0	-1229.4	6324	9.7	223245.7	-1245.5	6414	9.5	225653.6	-1230.3	6504	9.5	232330.2	-1206.7
6235	9.3	221051.3	-1249.2	6325	10.	223248.7	-1251.5	6415	9.7	225709.7	-1227.8	6505	8.3	232345.8	-1259.6
6236	8.0	221111.2	-1216.6	6326	9.4	223256.1	-1230.9	6416	9.7	225711.0	-1222.3	6506	9.5	232402.2	-1240.5
6237	9.7	221115.7	-1200.9	6327	7.2	223344.7	-1258.9	6417	9.7	225712.5	-1223.2	6507	9.6	232412.5	-1229.0
6238	9.7	221117.5	-1202.4	6328	9.3	223423.1	-1219.7	6418	9.5	225733.9	-1205.2	6508	7.5	232419.7	-1244.6
6239	10.	221140.4	-1229.1	6329	9.8	223423.3	-1250.7	6419	9.2	225754.6	-1211.9	6509	9.0	232438.2	-1246.2
6240	8.7	221149.9	-1238.3	6330	9.3	223430.7	-1215.6	6420	9.8	225809.5	-1248.2	6510	6.7	232442.1	-1220.5
6241	9.9	221216.2	-1204.2	6331	9.9	223440.3	-1241.9	6421	9.6	225822.0	-1258.0	6511	9.8	232442.4	-1206.5
6242	9.5	221228.4	-1243.4	6332	9.1	223504.4	-1233.9	6422	9.6	225835.4	-1240.8	6512	9.4	232450.6	-1229.6
6243	8.2	221231.4	-1256.8	6333	9.2	223520.1	-1212.3	6423	9.2	225843.7	-1220.6	6513	9.0	232507.3	-1207.6
6244	9.2	221232.1	-1238.5	6334	9.3	223608.6	-1231.0	6424	9.5	225910.0	-1254.7	6514	8.6	232527.6	-1247.0
6245	9.3	221251.9	-1239.4	6335	10.	223610.2	-1258.2	6425	9.1	225937.9	-1238.1	6515	9.5	232528.4	-1213.9
6246	9.0	221256.4	-1259.2	6336	8.7	223610.7	-1215.0	6426	7.8	225947.9	-1235.3	6516	9.8	232544.4	-1238.3
6247	9.2	221257.2	-1245.6	6337	9.4	223614.4	-1208.0	6427	10.	230009.4	-1233.7	6517	9.8	232612.9	-1247.0
6248	9.6	221316.4	-1227.9	6338	9.3	223628.8	-1253.3	6428	9.6	230014.9	-1224.6	6518	10.	232617.8	-1213.6
6249	9.3	221320.3	-1229.2	6339	10.	223807.3	-1246.4	6429	8.5	230044.9	-1222.8	6519	10.	232619.8	-1213.2
6250	9.8	221328.3	-1207.1	6340	9.3	223822.4	-1256.2	6430	9.5	230045.0	-1235.1	6520	9.2	232624.4	-1220.1
6251	9.1	221337.9	-1254.9	6341	9.4	223826.9	-1256.2	6431	9.6	230049.1	-1224.5	6521	9.8	232628.4	-1247.6
6252	9.2	221341.5	-1244.2	6342	8.3	223827.9	-1217.8	6432	9.6	230113.5	-1221.4	6522	9.8	232658.6	-1210.7
6253	9.8	221350.5	-1221.4	6343	8.5	223829.4	-1254.8	6433	9.0	230203.6	-1249.6	6523	8.0	232742.5	-1222.8
6254	9.4	221426.4	-1257.4	6344	9.5	223902.4	-1245.0	6434	10.	230206.0	-1219.6	6524	9.4	232819.6	-1251.4
6255	9.8	221543.5	-1229.5	6345	9.7	223909.1	-1219.6	6435	9.0	230209.5	-1252.2	6525	9.2	232831.5	-1226.4
6256	9.8	221548.6	-1220.0	6346	9.8	223921.8	-1231.2	6436	9.2	230235.1	-1227.6	6526	9.7	232937.5	-1242.7
6257	10.	221554.2	-1206.2	6347	10.	223932.2	-1202.2	6437	9.3	230238.6	-1227.5	6527	9.1	232953.5	-1221.5
6258	9.5	221602.3	-1242.3	6348	9.8	223943.6	-1204.4	6438	9.0	230245.5	-1216.0	6528	9.8	233006.1	-1256.8
6259	9.6	221651.8	-1218.4	6349	9.5	223946.7	-1208.1	6439	9.5	230259.6	-1230.0	6529	9.7	233009.5	-1216.1
6260	8.5	221707.3	-1207.4	6350	9.5	224004.2	-1210.5	6440	10.	230309.5	-1208.2	6530	10.	233011.0	-1217.0
6261	9.6	221716.4	-1202.1	6351	9.2	224021.8	-1236.2	6441	10.	230321.3	-1250.4	6531	8.6	233136.5	-1220.9
6262	9.0	221738.8	-1248.6	6352	9.6	224031.3	-1201.5	6442	10.	230351.8	-1229.9	6532	8.8	233204.1	-1245.5
6263	10.	221746.9	-1259.6	6353	8.9	224108.0	-1235.6	6443	9.7	230353.7	-1238.4	6533	9.4	233256.6	-1245.3
6264	8.5	221747.3	-1238.6	6354	9.5	224109.5	-1259.5	6444	6.9	230425.0	-1243.0	6534	9.1	233330.1	-1216.2

6535	6.1	233338.2	-1229.1	8	9.3	00201.9	-1325.2	98	9.8	02723.2	-1336.8	188	9.9	05554.9	-1309.0
6536	9.5	233346.9	-1221.3	9	10.	00215.9	-1316.9	99	9.5	02854.7	-1359.3	189	9.7	05616.4	-1342.3
6537	9.9	233347.2	-1203.9	10	9.4	00216.1	-1313.1	100	9.3	02903.4	-1353.4	190	9.3	05624.0	-1323.5
6538	9.2	233356.6	-1215.9	11	9.6	00231.4	-1350.0	101	9.1	02912.1	-1307.8	191	9.7	05630.5	-1348.5
6539	9.2	233359.4	-1245.9	12	9.2	00252.5	-1312.5	102	9.7	02929.5	-1313.4	192	9.3	05635.5	-1302.3
6540	9.6	233404.2	-1234.0	13	6.0	00317.4	-1323.2	103	9.3	02938.7	-1336.6	193	8.8	05723.6	-1306.9
6541	9.5	233428.1	-1216.8	14	9.1	00317.7	-1301.1	104	9.3	03020.9	-1348.7	194	9.9	05744.5	-1354.3
6542	7.4	233518.1	-1208.1	15	9.3	00328.4	-1342.8	105	9.4	03057.3	-1336.5	195	8.5	05757.9	-1311.7
6543	10.	233523.7	-1219.2	16	9.4	00343.6	-1333.0	106	9.3	03118.8	-1340.1	196	7.5	05811.2	-1341.1
6544	9.5	233526.9	-1229.1	17	9.5	00357.8	-1359.8	107	10.	03127.2	-1315.3	197	8.7	05842.4	-1349.6
6545	9.9	233527.6	-1225.2	18	8.9	00402.4	-1350.2	108	9.0	03138.6	-1306.8	198	9.5	05846.8	-1327.7
6546	9.8	233531.2	-1206.0	19	9.6	00428.3	-1300.5	109	9.1	03146.5	-1320.2	199	10.	05851.6	-1356.6
6547	9.5	233552.1	-1210.9	20	10.	00445.4	-1350.9	110	9.3	03156.2	-1319.6	200	9.7	05854.3	-1320.4
6548	9.9	233556.7	-1215.2	21	10.	00449.9	-1323.7	111	9.5	03202.4	-1310.7	201	9.3	05938.4	-1349.6
6549	10.	233617.7	-1203.3	22	9.6	00458.3	-1300.2	112	9.8	03231.5	-1336.5	202	9.3	10010.2	-1358.5
6550	9.5	233625.3	-1220.0	23	9.7	00507.0	-1328.6	113	8.8	03238.6	-1352.7	203	9.5	10016.6	-1350.3
6551	9.4	233632.6	-1231.6	24	9.5	00523.0	-1324.1	114	9.5	03253.1	-1322.8	204	9.5	10044.1	-1326.2
6552	9.5	233645.8	-1225.0	25	9.7	00619.9	-1300.2	115	9.3	03323.6	-1302.6	205	9.2	10131.1	-1319.1
6553	10.	233741.1	-1202.6	26	9.7	00638.9	-1344.6	116	9.4	03406.5	-1358.8	206	9.4	10155.2	-1304.2
6554	9.2	233816.3	-1222.0	27	9.0	00651.5	-1307.5	117	8.5	03410.2	-1329.2	207	9.3	10156.2	-1312.0
6555	9.9	233840.7	-1216.0	28	9.8	00655.6	-1324.1	118	9.5	03434.2	-1326.8	208	9.3	10231.7	-1347.9
6556	9.3	233903.8	-1221.5	29	9.4	00657.6	-1316.1	119	9.8	03443.3	-1311.1	209	9.5	10231.9	-1307.0
6557	9.5	233906.6	-1245.2	30	9.7	00716.2	-1356.4	120	9.5	03450.6	-1311.5	210	8.9	10239.7	-1315.2
6558	9.1	233924.4	-1233.4	31	7.3	00717.8	-1333.3	121	9.4	03521.8	-1324.3	211	10.	10255.6	-1336.1
6559	6.0	233947.3	-1242.8	32	9.4	00738.4	-1351.6	122	9.2	03605.7	-1346.9	212	10.	10318.0	-1313.1
6560	9.2	233951.8	-1244.8	33	9.8	00754.5	-1342.0	123	9.4	03645.1	-1349.2	213	10.	10320.2	-1326.3
6561	9.5	234009.1	-1229.8	34	8.8	00800.1	-1323.4	124	9.8	03705.4	-1326.3	214	10.	10320.3	-1334.5
6562	9.3	234009.3	-1214.3	35	8.3	00801.7	-1351.5	125	9.8	03717.1	-1326.7	215	9.5	10336.0	-1348.0
6563	9.2	234024.8	-1211.4	36	9.3	00805.0	-1342.4	126	9.5	03745.9	-1314.0	216	9.5	10419.4	-1318.2
6564	9.5	234042.3	-1243.6	37	9.0	00807.0	-1356.3	127	9.5	03746.1	-1328.7	217	7.2	10420.2	-1337.0
6565	8.0	234059.8	-1218.7	38	9.5	00813.4	-1341.3	128	6.3	03811.8	-1339.9	218	9.3	10512.6	-1358.3
6566	8.8	234110.8	-1234.6	39	9.2	00842.3	-1314.6	129	9.3	03819.7	-1349.2	219	9.8	10602.5	-1311.8
6567	9.1	234122.9	-1216.2	40	8.7	00940.7	-1352.0	130	9.4	03823.7	-1352.9	220	9.5	10610.6	-1344.8
6568	10.	234135.3	-1201.4	41	9.8	01011.7	-1346.8	131	9.5	03838.4	-1301.9	221	9.5	10619.0	-1327.0
6569	10.	234211.9	-1219.7	42	9.7	01026.9	-1317.9	132	9.8	03841.7	-1333.5	222	9.0	10620.1	-1310.7
6570	9.6	234217.5	-1223.3	43	9.6	01028.7	-1310.6	133	9.4	03852.5	-1337.0	223	9.9	10734.9	-1315.0
6571	8.5	234313.1	-1225.0	44	9.5	01048.4	-1326.3	134	10.	03905.7	-1341.0	224	9.7	10740.5	-1314.6
6572	9.8	234320.4	-1237.0	45	9.2	01056.5	-1342.8	135	9.5	04001.8	-1339.0	225	9.5	10742.9	-1336.5
6573	9.5	234329.6	-1240.4	46	9.8	01104.4	-1359.0	136	9.5	04048.0	-1305.1	226	10.	10744.6	-1319.5
6574	10.	234400.0	-1240.6	47	9.6	01124.6	-1305.8	137	9.2	04104.6	-1341.5	227	9.1	10746.1	-1311.8
6575	10.	234404.0	-1229.3	48	10.	01125.5	-1322.8	138	9.0	04120.4	-1326.0	228	9.1	10914.8	-1317.7
6576	9.6	234412.7	-1258.2	49	9.8	01137.5	-1331.6	139	9.5	04242.3	-1349.5	229	9.5	11008.0	-1331.2
6577	9.6	234417.3	-1207.3	50	9.5	01140.2	-1310.2	140	9.3	04334.2	-1355.6	230	10.	11028.2	-1356.7
6578	8.5	234441.9	-1231.5	51	8.0	01225.3	-1309.7	141	8.0	04350.3	-1342.7	231	8.0	11032.0	-1306.3
6579	7.3	234520.1	-1249.3	52	6.8	01247.9	-1352.2	142	8.5	04400.9	-1354.3	232	9.2	11114.7	-1303.9
6580	9.5	234546.0	-1209.5	53	9.8	01345.7	-1313.7	143	9.5	04407.4	-1359.3	233	9.5	11117.4	-1327.8
6581	9.5	234552.8	-1259.8	54	9.8	01403.3	-1350.0	144	9.4	04416.2	-1333.9	234	9.8	11135.9	-1323.1
6582	9.0	234602.5	-1245.7	55	9.2	01405.2	-1358.0	145	9.4	04434.8	-1314.2	235	9.8	11146.6	-1347.9
6583	9.5	234608.4	-1203.7	56	9.5	01442.0	-1310.8	146	8.0	04523.3	-1343.6	236	9.1	11148.4	-1324.5
6584	9.1	234624.6	-1222.6	57	9.6	01501.8	-1309.3	147	10.	04528.7	-1330.6	237	9.5	11211.4	-1328.5
6585	9.3	234734.5	-1247.3	58	9.3	01502.8	-1344.0	148	10.	04547.0	-1336.1	238	9.6	11235.7	-1315.5
6586	8.6	234800.1	-1245.8	59	9.0	01511.7	-1306.2	149	8.9	04623.9	-1346.8	239	9.5	11252.1	-1349.8
6587	9.2	234802.8	-1212.6	60	6.5	01526.1	-1300.6	150	9.0	04626.8	-1335.2	240	9.8	11326.5	-1313.2
6588	9.0	234834.0	-1202.0	61	9.2	01533.5	-1338.8	151	9.3	04640.7	-1300.2	241	8.4	11349.0	-1330.2
6589	10.	234842.0	-1220.0	62	9.8	01546.7	-1318.3	152	9.5	04641.9	-1344.8	242	9.8	11420.5	-1305.8
6590	9.8	234916.1	-1229.6	63	8.0	01551.6	-1358.1	153	9.7	04722.3	-1314.5	243	9.0	11447.6	-1306.1
6591	9.2	234956.0	-1203.2	64	9.2	01648.0	-1352.9	154	9.4	04742.7	-1337.9	244	9.1	11455.7	-1350.2
6592	7.8	235049.6	-1215.9	65	10.	01712.9	-1343.4	155	7.7	04813.8	-1320.5	245	9.5	11503.6	-1302.1
6593	8.6	235114.4	-1229.7	66	9.3	01716.7	-1302.7	156	9.7	04824.0	-1331.2	246	8.9	11506.8	-1312.7
6594	8.0	235135.7	-1244.6	67	9.8	01812.4	-1359.9	157	9.3	04835.0	-1348.4	247	10.	11534.5	-1318.1
6595	9.2	235143.4	-1213.3	68	9.9	01829.5	-1346.0	158	9.8	04845.5	-1356.0	248	10.	11549.1	-1331.7
6596	9.3	235238.3	-1250.4	69	8.5	01845.0	-1352.7	159	9.0	04851.1	-1317.9	249	8.0	11549.7	-1343.5
6597	10.	235319.3	-1233.4	70	9.3	01852.1	-1310.8	160	9.5	04930.1	-1337.8	250	9.4	11613.2	-1334.1
6598	8.2	235329.7	-1237.9	71	10.	01914.8	-1331.8	161	9.3	04935.0	-1346.6	251	10.	11625.0	-1323.2
6599	8.7	235345.8	-1246.4	72	9.5	01921.9	-1334.5	162	9.1	04946.5	-1348.7	252	9.3	11625.3	-1348.2
6600	8.7	235448.3	-1246.4	73	9.2	01923.4	-1307.7	163	9.4	05008.4	-1333.8	253	9.8	11627.7	-1304.3
6601	9.8	235551.8	-1236.5	74	9.7	01927.9	-1336.3	164	8.2	05020.3	-1301.7	254	9.1	11657.1	-1328.6
6602	8.3	235555.6	-1244.8	75	9.0	01941.7	-1330.2	165	9.4	05038.6	-1345.9	255	9.0	11715.6	-1331.2
6603	9.6	235630.2	-1211.0	76	9.8	01951.5	-1315.3	166	9.8	05057.4	-1354.7	256	8.7	11719.6	-1319.6
6604	9.5	235638.3	-1240.2	77	9.3	01953.1	-1350.0	167	10.	05108.4	-1316.3	257	9.6	11744.6	-1316.1
6605	9.4	235638.4	-1235.7	78	9.5	02010.2	-1326.1	168	10.	05116.1	-1328.4	258	9.9	11746.9	-1311.4
6606	9.5	235643.0	-1241.6	79	10.	02047.0	-1339.4	169	10.	05117.2	-1332.4	259	9.8	11843.9	-1311.1
6607	9.6	235649.2	-1201.2	80	9.3	02059.4	-1308.9	170	9.3	05143.4	-1359.3	260	9.8	11845.3	-1313.4
6608	9.2	235731.9	-1227.6	81	9.3	02125.2	-1356.1	171	9.1	05145.4	-1315.2	261	9.5	11910.8	-1334.1
6609	8.7	235802.4	-1239.0	82	9.6	02206.7	-1327.3	172	9.3	05233.1	-1301.7	262	6.0	11942.4	-1348.6
6610	10.	235838.5	-1229.1	83	9.8	02229.0	-1338.9	173	9.8	05239.3	-1348.0	263	9.5	11954.3	-1339.0
6611	8.5	235854.4	-1249.1	84	9.5	02230.6	-1317.1	174	9.9	05312.8	-1333.3	264	9.1	12028.4	-1305.9
6612	10.	235915.4	-1219.8	85	9.0	02249.5	-1309.1	175	9.4	05333.8	-1330.7	265	9.6	12034.8	-1335.3
6613	9.1	235920.9	-1258.2	86	9.7	02334.7	-1316.9	176	9.8	05339.9	-1342.5	266	9.5	12105.1	-1302.8
6614	10.	235928.6	-1247.0	87	9.5	02342.0	-1308.9	177	9.2	05359.4	-1330.8	267	9.0	12140.3	-1333.5
6615	9.7	235949.0	-1231.2	88	9.1	02408.9	-1300.7	178	9.5	05410.1	-1328.0	268	9.4	12150.1	-1314.5
6616	9.4	235953.6	-1256.6	89	8.2	02446.6	-1305.8	179	8.8	05418.1	-1311.7	269	9.0	12224.6	-1354.6
6617	7.6	235959.1	-1225.3	90	9.3	02503.2	-1314.3	180	10.	05443.7	-1304.9	270	7.3	12232.8	-1358.2
1	9.7	00013.4	-1306.6	91	9.8	02555.3	-1353.6	181	9.5	05507.4	-1352.3	271	9.8	12247.4	-1350.8
2	9.4	00025.4	-1317.2	92	9.5	02556.0	-1345.8	182	10.	05516.7	-1300.0	272	9.1	12257.9	-1300.4
3	9.6	00049.4	-1327.5	93	10.	02558.6	-1312.2	183	9.9	05527.7	-1301.3	273	8.7	12327.0	-1343.7
4	10.	00107.9	-1354.5	94	10.	02604.0	-1343.3	184	9.8	05529.0	-1357.7	274	9.1	12336.1	-1312.3
5	9.8	00109.4	-1329.9	95	9.2	02604.2	-1349.6	185	10.	05534.8	-1307.6	275	10.	12419.5	-1337.6
6	10.	00113.8	-1303.0	96	9.5	02658.5	-1323.7	186	9.5	05536.1	-1318.9	276	7.8	12427.5	-1300.2
7	9.3	00136.4	-1316.4	97	9.7	02710.4	-1303.0	187	9.5	05551.5	-1350.7	277	9.7	12444.8	-1316.7

-13 278 1h24m

-13 637 3h15m

278	9.5	12457.9	-1357.3	368	9.4	15503.5	-1315.7	458	9.5	22228.0	-1312.2	548	9.5	24606.2	-1320.8
279	9.5	12506.0	-1352.3	369	8.6	15531.0	-1350.5	459	9.6	22228.1	-1357.2	549	9.4	24613.5	-1303.4
280	8.8	12520.9	-1323.0	370	9.2	15537.5	-1318.8	460	9.1	22234.5	-1303.1	550	9.2	24640.0	-1358.6
281	8.8	12525.4	-1336.1	371	10.	15549.1	-1319.6	461	8.8	22235.2	-1336.1	551	9.3	24647.2	-1303.5
282	9.7	12539.7	-1314.0	372	9.5	15706.3	-1334.0	462	8.0	22250.7	-1354.0	552	9.0	24704.3	-1357.1
283	8.8	12605.4	-1327.8	373	9.6	15729.2	-1306.1	463	9.2	22301.0	-1326.5	553	10.	24712.8	-1327.1
284	9.9	12615.6	-1308.4	374	9.1	15731.8	-1325.6	464	8.7	22320.6	-1356.3	554	9.1	24728.2	-1346.5
285	9.8	12630.2	-1346.9	375	10.	15811.6	-1333.8	465	8.9	22325.0	-1322.1	555	9.3	24825.8	-1346.8
286	9.8	12642.5	-1314.8	376	9.4	15822.4	-1345.5	466	9.5	22340.7	-1333.1	556	9.3	24912.4	-1327.7
287	9.8	12719.3	-1315.6	377	9.1	15827.9	-1331.8	467	9.8	22341.7	-1309.4	557	9.3	24930.9	-1326.9
288	9.8	12731.2	-1324.6	378	9.9	15830.3	-1307.6	468	8.8	22421.5	-1348.3	558	8.3	24952.6	-1349.8
289	10.	12743.9	-1324.2	379	10.	15846.6	-1358.3	469	10.	22451.2	-1332.1	559	9.5	25019.3	-1316.4
290	10.	12753.7	-1318.7	380	9.6	15852.9	-1334.2	470	9.9	22507.6	-1327.2	560	8.5	25028.6	-1354.3
291	9.3	12826.6	-1309.2	381	9.0	15920.7	-1301.6	471	9.5	22511.3	-1312.6	561	9.9	25049.8	-1345.7
292	9.1	12839.3	-1312.2	382	8.7	20005.4	-1329.7	472	9.5	22544.5	-1322.5	562	9.2	25100.5	-1309.1
293	9.4	12910.6	-1335.3	383	10.	20022.6	-1324.3	473	8.9	22549.7	-1304.6	563	8.0	25130.1	-1323.2
294	8.3	12915.5	-1328.5	384	9.2	20042.4	-1340.7	474	9.5	22553.1	-1356.5	564	8.3	25205.2	-1355.7
295	10.	12956.2	-1346.8	385	9.6	20051.7	-1346.4	475	9.9	22613.1	-1315.8	565	9.0	25218.7	-1309.2
296	7.8	13013.6	-1328.5	386	8.6	20113.0	-1301.7	476	9.8	22624.4	-1344.3	566	10.	25231.3	-1302.9
297	8.3	13019.2	-1310.7	387	9.5	20113.3	-1318.6	477	9.5	22625.0	-1311.5	567	9.4	25251.6	-1338.5
298	9.2	13030.3	-1351.7	388	10.	20131.5	-1317.1	478	9.9	22633.4	-1348.0	568	9.8	25309.1	-1336.5
299	9.4	13033.7	-1319.1	389	10.	20151.3	-1321.9	479	8.5	22645.1	-1347.2	569	10.	25309.9	-1306.0
300	8.9	13131.1	-1322.7	390	10.	20158.7	-1331.7	480	9.5	22652.7	-1305.8	570	8.0	25318.2	-1338.3
301	9.9	13148.6	-1319.0	391	9.8	20217.9	-1327.5	481	8.5	22701.1	-1335.2	571	10.	25339.8	-1311.5
302	9.6	13205.3	-1350.2	392	8.5	20249.4	-1353.8	482	9.1	22711.6	-1301.0	572	9.1	25425.6	-1335.0
303	9.5	13216.1	-1326.8	393	10.	20311.7	-1323.2	483	8.8	22736.0	-1323.2	573	9.5	25506.6	-1332.9
304	9.7	13241.8	-1356.9	394	9.9	20312.1	-1337.5	484	9.8	22748.7	-1323.7	574	9.8	25513.9	-1305.9
305	9.2	13304.6	-1327.8	395	9.5	20323.5	-1334.6	485	10.	22752.8	-1309.6	575	8.0	25522.1	-1312.2
306	8.9	13340.2	-1309.7	396	9.1	20324.0	-1348.9	486	10.	22808.1	-1335.4	576	9.8	25554.1	-1317.0
307	8.3	13343.9	-1343.2	397	9.8	20329.8	-1259.9	487	8.8	22826.2	-1324.9	577	10.	25616.5	-1317.0
308	10.	13401.8	-1343.9	398	9.5	20333.2	-1359.8	488	10.	22827.8	-1314.0	578	8.9	25655.4	-1343.3
309	8.9	13408.8	-1339.2	399	9.8	20337.6	-1319.0	489	10.	22845.0	-1331.5	579	9.5	25657.8	-1348.6
310	8.3	13458.2	-1322.3	400	7.0	20344.1	-1336.7	490	9.5	22851.9	-1336.5	580	9.7	25703.7	-1314.1
311	9.1	13508.9	-1356.6	401	9.8	20358.0	-1330.8	491	10.	22906.0	-1315.0	581	9.5	25704.4	-1307.5
312	8.4	13525.0	-1303.3	402	8.8	20359.0	-1308.0	492	7.5	22922.8	-1332.0	582	9.4	25709.5	-1359.8
313	9.5	13649.5	-1350.6	403	8.4	20418.0	-1330.3	493	8.8	22956.2	-1351.9	583	9.5	25742.3	-1344.7
314	8.4	13650.7	-1352.6	404	9.8	20436.5	-1308.1	494	9.8	23050.3	-1339.8	584	9.0	25759.4	-1324.2
315	9.3	13657.0	-1303.7	405	8.3	20447.1	-1335.2	495	7.3	23053.6	-1345.8	585	8.7	25824.3	-1317.1
316	9.9	13702.5	-1349.9	406	10.	20513.3	-1348.1	496	9.5	23123.4	-1332.9	586	9.3	25835.3	-1359.0
317	8.8	13729.3	-1323.3	407	9.5	20519.8	-1359.4	497	8.8	23126.0	-1338.9	587	9.0	25836.7	-1338.0
318	9.8	13749.1	-1304.3	408	10.	20534.9	-1305.0	498	8.3	23129.6	-1359.7	588	9.1	25841.2	-1344.2
319	10.	13826.6	-1347.2	409	9.5	20554.6	-1332.5	499	9.7	23138.3	-1304.2	589	9.3	25853.3	-1345.4
320	9.3	13853.9	-1326.0	410	9.5	20636.5	-1307.2	500	7.8	23158.0	-1337.7	590	9.5	25856.5	-1355.0
321	9.1	14035.5	-1330.3	411	8.8	20659.9	-1358.0	501	9.9	23202.9	-1325.5	591	8.3	25923.9	-1349.1
322	8.1	14038.1	-1355.6	412	8.6	20734.7	-1335.4	502	8.1	23231.4	-1357.4	592	7.8	25944.0	-1352.6
323	10.	14100.0	-1324.0	413	9.0	20752.8	-1345.9	503	9.2	23313.2	-1311.2	593	9.0	30015.9	-1303.5
324	9.2	14111.3	-1331.0	414	9.0	20809.0	-1302.3	504	10.	23316.4	-1356.5	594	10.	30016.3	-1342.0
325	9.6	14117.9	-1315.1	415	9.1	20816.6	-1332.4	505	9.4	23324.8	-1321.2	595	10.	30023.8	-1323.8
326	9.4	14120.1	-1314.5	416	9.8	20832.7	-1328.1	506	10.	23325.3	-1351.1	596	8.4	30101.9	-1309.6
327	10.	14127.0	-1325.6	417	9.3	20833.4	-1317.9	507	9.3	23408.3	-1315.7	597	9.1	30133.5	-1330.9
328	10.	14156.2	-1352.7	418	9.1	20932.9	-1348.0	508	9.7	23412.3	-1358.2	598	9.4	30157.0	-1330.9
329	9.8	14204.5	-1330.6	419	8.0	20948.1	-1307.0	509	9.1	23413.7	-1359.8	599	8.7	30235.1	-1354.9
330	9.5	14231.3	-1355.2	420	8.5	21032.3	-1321.5	510	9.6	23419.4	-1302.9	600	9.4	30259.5	-1309.0
331	9.5	14255.4	-1333.5	421	9.0	21046.0	-1324.1	511	8.7	23423.9	-1310.8	601	9.0	30333.2	-1356.0
332	8.0	14301.5	-1323.9	422	8.6	21110.3	-1318.3	512	9.8	23509.8	-1347.5	602	9.4	30334.6	-1313.0
333	9.2	14303.6	-1333.0	423	10.	21146.2	-1325.5	513	9.1	23550.5	-1342.3	603	9.0	30357.8	-1338.5
334	7.0	14310.7	-1336.8	424	9.7	21220.5	-1309.0	514	9.2	23602.1	-1342.6	604	6.3	30413.5	-1349.2
335	7.8	14323.3	-1303.6	425	10.	21222.8	-1356.5	515	9.3	23607.9	-1348.4	605	8.9	30419.8	-1325.6
336	9.4	14338.6	-1317.6	426	9.9	21233.7	-1301.0	516	7.3	23713.0	-1306.3	606	9.8	30430.1	-1351.5
337	7.2	14426.3	-1357.0	427	8.0	21239.1	-1325.7	517	9.1	23729.2	-1336.6	607	9.0	30502.0	-1328.0
338	8.0	14446.0	-1302.8	428	9.6	21319.6	-1356.9	518	10.	23807.2	-1314.2	608	9.4	30604.7	-1354.3
339	9.7	14455.7	-1335.4	429	8.8	21404.9	-1336.3	519	8.8	23812.1	-1310.2	609	8.9	30617.7	-1316.2
340	7.8	14527.3	-1326.7	430	9.4	21413.7	-1354.3	520	10.	23812.7	-1308.0	610	9.5	30635.1	-1315.5
341	10.	14552.6	-1316.4	431	10.	21522.9	-1331.5	521	10.	23859.0	-1348.1	611	9.5	30725.3	-1354.0
342	8.8	14556.3	-1305.6	432	9.5	21540.0	-1314.8	522	9.5	23917.6	-1319.7	612	9.3	30729.2	-1329.6
343	10.	14608.1	-1315.9	433	9.3	21544.5	-1341.0	523	9.5	23934.1	-1301.2	613	10.	30729.5	-1342.1
344	9.7	14609.8	-1339.4	434	8.7	21551.4	-1317.8	524	9.2	24001.5	-1346.0	614	9.1	30804.9	-1314.9
345	9.4	14626.8	-1317.5	435	9.3	21623.5	-1338.4	525	8.3	24003.8	-1357.1	615	8.7	30809.2	-1330.8
346	8.5	14630.4	-1310.1	436	10.	21631.7	-1350.2	526	9.4	24042.6	-1350.0	616	10.	30816.6	-1324.3
347	8.7	14636.5	-1357.7	437	9.3	21658.3	-1327.1	527	9.9	24043.6	-1352.8	617	8.0	30824.8	-1331.6
348	10.	14734.4	-1310.1	438	9.0	21700.2	-1350.6	528	9.2	24046.1	-1300.8	618	9.5	30927.9	-1315.5
349	9.8	14822.1	-1305.4	439	9.2	21723.2	-1358.2	529	9.0	24046.7	-1316.6	619	9.5	30931.9	-1359.8
350	8.2	14826.3	-1321.8	440	7.0	21729.8	-1357.0	530	6.3	24059.2	-1304.0	620	10.	31013.4	-1315.6
351	8.8	14828.6	-1319.0	441	9.3	21833.9	-1311.8	531	9.5	24106.6	-1309.4	621	8.3	31013.8	-1354.2
352	9.5	14920.9	-1351.8	442	9.4	21868.5	-1310.1	532	9.1	24115.2	-1315.2	622	9.9	31021.2	-1345.7
353	10.	15032.0	-1316.4	443	10.	21900.9	-1304.3	533	9.6	24117.6	-1319.9	623	10.	31113.0	-1321.0
354	9.5	15042.9	-1328.9	444	10.	21905.4	-1351.3	534	10.	24131.1	-1341.1	624	9.5	31154.1	-1322.1
355	9.7	15101.6	-1336.2	445	9.7	21910.3	-1354.6	535	8.9	24137.6	-1357.2	625	9.5	31157.2	-1348.3
356	9.9	15133.5	-1306.4	446	9.2	21923.1	-1337.8	536	9.5	24142.6	-1351.4	626	9.8	31203.2	-1323.4
357	9.5	15136.8	-1347.9	447	9.7	21926.5	-1317.1	537	10.	24218.3	-1332.1	627	10.	31217.9	-1348.3
358	10.	15148.9	-1314.2	448	9.5	21934.4	-1356.3	538	9.4	24345.1	-1346.7	628	9.1	31228.8	-1326.3
359	10.	15219.4	-1319.9	449	9.0	21935.2	-1319.6	539	9.5	24356.0	-1317.6	629	9.4	31233.2	-1302.0
360	10.	15247.5	-1316.3	450	9.5	22035.4	-1352.1	540	9.8	24356.1	-1314.9	630	9.9	31246.5	-1336.3
361	9.0	15251.8	-1341.5	451	10.	22044.0	-1327.4	541	9.7	24422.6	-1316.0	631	10.	31324.7	-1322.5
362	9.2	15256.2	-1336.5	452	9.6	22054.6	-1358.5	542	10.	24458.7	-1347.5	632	9.1	31330.9	-1353.7
363	9.0	15342.8	-1341.0	453	9.5	22105.9	-1346.5	543	8.5	24518.5	-1341.3	633	9.4	31428.7	-1324.4
364	8.5	15343.7	-1334.7	454	9.6	22110.2	-1336.7	544	5.8	24533.7	-1321.6	634	9.9	31438.4	-1353.8
365	9.4	15349.2	-1357.3	455	9.6	22119.7	-1338.3	545	9.9	24539.6	-1356.4	635	8.8	31507.8	-1324.4
366	9.2	15432.3	-1320.1	456	8.5	22125.9	-1316.7	546	9.0	24600.8	-1341.4	636	9.8	31512.3	-1351.1
367	9.0	15448.4	-1343.2	457	6.8	22225.1	-1333.8	547	9.6	24604.1	-1301.6	637	8.3	31516.3	-1347.6

-13 638 3h16m

-13 997 4h44m

638	10.	31613.3	-1313.0	728	9.0	33739.9	-1349.2	818	9.1	40202.7	-1332.3	908	9.8	42514.0	-1306.2
639	9.5	31647.0	-1320.9	729	8.0	33759.1	-1355.8	819	9.5	40216.1	-1304.0	909	9.8	42524.1	-1352.3
640	9.8	31652.4	-1353.1	730	9.7	33832.0	-1320.1	820	8.9	40222.3	-1340.2	910	9.0	42535.7	-1353.8
641	9.5	31705.9	-1359.4	731	10.	33838.2	-1338.7	821	8.9	40226.2	-1328.3	911	9.5	42558.2	-1303.6
642	9.0	31721.0	-1350.5	732	9.0	33855.2	-1325.3	822	9.8	40246.3	-1312.5	912	9.2	42606.8	-1328.0
643	8.8	31759.8	-1321.9	733	8.5	33855.7	-1347.2	823	9.5	40252.5	-1353.1	913	9.3	42607.5	-1331.4
644	9.2	31838.9	-1346.9	734	10.	33905.5	-1327.8	824	9.3	40302.1	-1313.8	914	9.7	42615.9	-1326.0
645	8.5	31859.5	-1335.0	735	10.	33917.3	-1351.5	825	9.6	40306.1	-1309.5	915	9.8	42630.3	-1327.1
646	10.	31906.7	-1340.6	736	9.4	33935.1	-1302.4	826	9.6	40310.6	-1322.9	916	9.4	42642.1	-1345.9
647	9.8	31926.1	-1314.3	737	10.	33940.2	-1340.5	827	9.2	40348.2	-1356.4	917	9.1	42648.6	-1326.1
648	9.3	31938.9	-1329.2	738	10.	33953.8	-1314.8	828	9.5	40403.3	-1329.0	918	8.7	42703.9	-1314.1
649	9.3	32024.7	-1306.7	739	10.	33956.0	-1305.0	829	10.	40436.7	-1306.0	919	10.	42728.6	-1304.4
650	9.8	32043.6	-1340.1	740	10.	34024.0	-1322.6	830	9.0	40456.6	-1312.6	920	9.7	42744.3	-1353.6
651	9.2	32048.6	-1337.2	741	9.5	34047.1	-1347.1	831	10.	40516.7	-1303.2	921	9.1	42746.1	-1304.6
652	10.	32049.1	-1314.0	742	9.5	34100.0	-1341.2	832	7.8	40521.2	-1335.7	922	9.8	42756.0	-1341.8
653	9.5	32052.1	-1316.2	743	7.3	34139.0	-1345.3	833	8.6	40531.9	-1308.6	923	9.7	42810.2	-1312.2
654	9.6	32052.5	-1307.3	744	10.	34143.9	-1330.2	834	8.9	40532.5	-1318.2	924	9.1	42816.3	-1313.6
655	9.0	32054.4	-1326.3	745	8.9	34146.0	-1358.9	835	9.1	40600.7	-1330.1	925	9.0	42817.6	-1304.8
656	7.5	32118.7	-1315.7	746	9.8	34155.3	-1338.0	836	10.	40615.9	-1357.3	926	9.3	42827.0	-1317.2
657	9.7	32122.5	-1353.9	747	8.5	34214.1	-1335.5	837	10.	40620.3	-1336.2	927	9.0	42831.5	-1315.9
658	9.1	32128.5	-1330.7	748	9.1	34220.8	-1321.0	838	9.6	40622.1	-1338.2	928	9.3	42838.0	-1302.9
659	7.2	32137.7	-1342.7	749	9.5	34226.7	-1352.2	839	9.7	40656.8	-1314.6	929	9.3	42857.5	-1312.6
660	9.4	32137.8	-1359.6	750	10.	34332.4	-1310.1	840	9.4	40707.7	-1312.3	930	9.7	42900.0	-1309.9
661	9.1	32202.1	-1320.4	751	10.	34336.9	-1341.0	841	9.6	40727.6	-1334.4	931	9.1	43022.4	-1326.3
662	6.0	32245.1	-1310.5	752	9.7	34407.8	-1314.6	842	20.0	40730.4	-1306.2	932	9.4	43024.1	-1346.8
663	9.5	32248.6	-1333.5	753	10.	34408.6	-1351.7	843	8.6	40731.5	-1335.6	933	9.3	43027.5	-1324.7
664	9.7	32253.9	-1316.5	754	10.	34431.7	-1359.4	844	9.8	40752.3	-1308.0	934	9.1	43034.2	-1356.5
665	9.8	32258.0	-1336.5	755	9.7	34448.7	-1358.9	845	9.4	40801.9	-1331.1	935	9.8	43058.2	-1321.5
666	9.4	32302.6	-1343.6	756	10.	34453.4	-1301.0	846	9.5	40926.3	-1355.3	936	9.8	43105.3	-1339.7
667	9.8	32303.3	-1323.7	757	9.0	34454.7	-1311.5	847	9.0	40934.5	-1344.9	937	7.3	43116.3	-1319.2
668	9.8	32320.4	-1307.3	758	9.5	34526.6	-1315.7	848	8.0	40944.0	-1332.8	938	8.0	43116.8	-1319.4
669	10.	32336.8	-1346.8	759	9.2	34533.2	-1300.3	849	9.8	41004.8	-1307.8	939	7.8	43128.7	-1332.7
670	10.	32349.5	-1353.1	760	9.5	34605.7	-1347.0	850	9.4	41017.5	-1349.0	940	9.0	43148.4	-1304.6
671	9.8	32352.7	-1342.1	761	9.8	34609.9	-1338.2	851	9.1	41039.0	-1311.1	941	9.6	43151.1	-1328.5
672	9.2	32411.5	-1321.7	762	9.8	34618.0	-1351.0	852	8.2	41042.2	-1350.3	942	8.3	43213.8	-1338.1
673	9.8	32422.5	-1341.8	763	9.4	34635.6	-1345.5	853	9.8	41046.8	-1303.8	943	9.4	43215.6	-1319.4
674	7.5	32423.2	-1359.7	764	9.4	34655.5	-1301.4	854	9.8	41056.7	-1302.0	944	9.7	43219.1	-1313.4
675	8.3	32446.9	-1313.7	765	7.8	34658.6	-1310.0	855	9.0	41112.7	-1358.0	945	9.5	43242.5	-1356.5
676	9.2	32500.2	-1303.0	766	9.4	34708.2	-1336.5	856	9.5	41146.8	-1347.9	946	9.8	43311.5	-1324.4
677	9.1	32537.7	-1335.8	767	9.4	34716.1	-1300.2	857	8.8	41202.6	-1337.5	947	8.2	43329.9	-1318.1
678	10.	32606.9	-1333.7	768	9.2	34739.4	-1337.3	858	8.8	41224.7	-1341.0	948	9.3	43340.9	-1322.3
679	8.8	32607.3	-1343.3	769	9.4	34743.8	-1334.5	859	8.7	41249.0	-1315.2	949	9.4	43354.9	-1306.6
680	9.8	32613.0	-1323.9	770	8.0	34744.0	-1308.9	860	9.8	41305.9	-1321.9	950	9.4	43355.7	-1307.5
681	8.5	32633.6	-1329.9	771	9.2	34931.3	-1310.5	861	9.1	41318.9	-1349.6	951	9.3	43402.3	-1337.0
682	9.5	32706.3	-1317.7	772	9.8	34931.7	-1316.7	862	9.0	41326.8	-1348.0	952	9.0	43402.8	-1320.8
683	9.1	32707.9	-1334.2	773	9.5	34943.6	-1345.7	863	9.3	41340.3	-1305.1	953	9.5	43437.6	-1358.6
684	9.0	32712.3	-1333.3	774	8.8	35000.7	-1345.3	864	8.3	41346.8	-1318.4	954	9.1	43456.2	-1310.7
685	9.8	32712.9	-1349.4	775	10.	35010.1	-1344.0	865	9.0	41424.2	-1321.0	955	9.5	43459.4	-1336.0
686	9.3	32749.6	-1305.8	776	9.3	35010.2	-1345.9	866	9.8	41435.6	-1337.5	956	9.4	43514.0	-1310.1
687	9.0	32749.7	-1316.4	777	9.2	35015.9	-1307.3	867	9.4	41437.2	-1341.8	957	9.8	43541.8	-1336.2
688	9.7	32831.6	-1314.9	778	8.3	35045.2	-1348.0	868	9.1	41444.0	-1327.5	958	9.6	43549.9	-1304.5
689	9.7	32835.8	-1312.1	779	9.8	35112.1	-1315.3	869	9.7	41502.1	-1333.1	959	9.3	43553.7	-1331.0
690	9.4	32843.5	-1350.4	780	9.0	35112.4	-1345.9	870	9.9	41559.0	-1348.8	960	10.	43636.5	-1342.1
691	9.8	32913.4	-1315.3	781	3.0	35116.2	-1355.6	871	9.4	41633.4	-1323.5	961	8.5	43723.9	-1313.9
692	10.	32937.6	-1306.7	782	9.8	35127.8	-1313.2	872	9.8	41646.7	-1352.2	962	9.4	43808.8	-1333.4
693	8.8	32950.5	-1348.1	783	9.1	35156.7	-1325.2	873	9.3	41647.5	-1330.4	963	9.0	43824.1	-1337.7
694	9.9	32954.6	-1352.6	784	8.5	35208.2	-1305.2	874	9.4	41649.2	-1304.0	964	9.1	43837.8	-1309.6
695	10.	32954.6	-1356.5	785	9.7	35214.1	-1330.8	875	9.8	41657.6	-1358.4	965	9.7	43849.3	-1311.1
696	10.	33000.0	-1311.4	786	10.	35248.9	-1347.9	876	10.	41730.8	-1341.2	966	9.8	43858.4	-1329.9
697	9.8	33009.0	-1359.2	787	9.5	35253.0	-1326.2	877	9.0	41731.5	-1307.0	967	9.2	43858.8	-1335.7
698	9.7	33032.3	-1335.5	788	9.0	35259.3	-1357.4	878	9.0	41835.5	-1307.8	968	9.4	43903.6	-1326.0
699	9.6	33051.2	-1301.9	789	9.1	35327.4	-1320.9	879	9.5	41850.1	-1332.5	969	7.7	43923.6	-1314.4
700	9.9	33100.5	-1355.2	790	8.4	35353.6	-1316.1	880	8.0	41917.0	-1337.0	970	9.5	43937.0	-1321.1
701	9.8	33100.6	-1342.2	791	9.5	35356.5	-1352.7	881	10.	41930.2	-1356.5	971	8.5	43950.0	-1341.0
702	9.7	33101.4	-1306.0	792	10.	35424.5	-1307.3	882	9.5	41952.6	-1332.2	972	8.4	44006.2	-1350.7
703	8.7	33120.3	-1325.7	793	9.5	35439.7	-1306.4	883	9.0	42028.4	-1301.9	973	9.6	44042.7	-1342.4
704	10.	33143.6	-1338.2	794	9.9	35441.5	-1312.1	884	9.5	42031.2	-1353.4	974	10.	44047.0	-1343.8
705	10.	33152.2	-1346.8	795	9.1	35444.9	-1347.4	885	9.0	42035.7	-1334.0	975	..2	44107.8	-1350.2
706	9.5	33215.1	-1340.7	796	9.3	35456.1	-1333.8	886	9.1	42106.1	-1329.7	976	9.7	44132.2	-1311.6
707	8.7	33259.2	-1344.0	797	9.5	35456.1	-1309.5	887	8.2	42114.0	-1347.5	977	8.6	44214.7	-1330.1
708	10.	33318.5	-1313.6	798	9.7	35511.1	-1318.9	888	9.2	42138.7	-1356.7	978	10.	44228.7	-1347.8
709	9.9	33333.1	-1325.6	799	9.5	35521.0	-1327.2	889	10.	42148.8	-1337.4	979	9.1	44236.7	-1328.2
710	9.0	33340.3	-1319.7	800	10.	35552.3	-1339.0	890	9.4	42155.0	-1316.3	980	10.	44255 9	-1326.1
711	9.8	33343.2	-1328.8	801	9.3	35613.6	-1320.5	891	9.8	42216.0	-1318.7	981	9.4	44255 5	-1318.8
712	8.8	33400.1	-1305.6	802	10.	35615.6	-1324.8	892	8.5	42217.1	-1359.3	982	9.1	44301.8	-1321.9
713	7.0	33401.6	-1305.2	803	9.8	35652.8	-1337.2	893	5.8	42222.5	-1322.5	983	9.8	44316.8	-1311.1
714	9.2	33423.4	-1347.8	804	8.8	35655.1	-1353.3	894	9.1	42245.4	-1300.5	984	9.0	44322.7	-1330.7
715	9.7	33434.8	-1350.8	805	10.	35726.0	-1347.2	895	9.2	42303.2	-1317.0	985	9.3	44329.4	-1324.6
716	9.0	33436.8	-1346.4	806	5.9	35736.2	-1311.5	896	6.8	42327.1	-1354.4	986	8.5	44334.3	-1349.0
717	9.8	33455.8	-1318.1	807	9.4	35806.4	-1303.4	897	8.3	42345.7	-1334.8	987	8.5	44341.3	-1353.0
718	9.8	33620.3	-1322.3	808	10.	35810.1	-1327.5	898	8.3	42351.5	-1313.5	988	9.8	44350.6	-1325.5
719	10.	33625.4	-1350.0	809	9.0	35837.2	-1323.7	899	9.4	42408.1	-1352.1	989	9.1	44417.5	-1342.8
720	10.	33637.0	-1314.5	810	9.4	35854.5	-1324.0	900	9.9	42425.8	-1339.7	990	9.1	44422.3	-1356.4
721	9.3	33647.0	-1326.9	811	9.3	35946.0	-1323.0	901	8.8	42432.4	-1340.4	991	10.	44434.6	-1324.5
722	9.5	33652.1	-1343.8	812	8.5	35947.3	-1336.2	902	9.8	42434.6	-1303.1	992	10.	44444.3	-1321.8
723	9.8	33653.4	-1328.5	813	10.	40014.2	-1328.1	903	9.2	42435.9	-1306.4	993	9.1	44444.7	-1358.1
724	9.0	33654.8	-1344.9	814	8.2	40036.5	-1303.2	904	6.7	42444.1	-1357.4	994	9.8	44452.2	-1325.1
725	8.5	33721.5	-1351.9	815	9.4	40049.2	-1351.4	905	9.0	42445.6	-1357.2	995	9.0	44457.1	-1317.2
726	9.1	33724.6	-1322.3	816	9.4	40124.7	-1310.0	906	9.4	42502.4	-1312.8	996	8.7	44457.6	-1339.4
727	10.	33734.9	-1318.1	817	9.4	40128.0	-1326.6	907	9.5	42507.7	-1311.3	997	8.9	44457.9	-1340.5

-13 998 4h44m

-13 1357 6h00m

998	9.5	44458.3	-1358.3	1088	9.5	50547.9	-1345.7	1178	10.	52540.6	-1355.9	1268	9.4	54323.8	-1334.7
999	9.8	44523.2	-1345.2	1089	10.	50553.4	-1357.8	1179	9.2	52541.4	-1319.7	1269	10.	54342.1	-1328.2
1000	9.7	44526.0	-1309.0	1090	9.0	50608.2	-1319.8	1180	9.0	52616.3	-1353.2	1270	9.0	54342.1	-1308.6
1001	9.4	44536.4	-1334.5	1091	10.	50624.2	-1322.5	1181	8.5	52623.8	-1300.5	1271	10.	54352.5	-1339.3
1002	9.4	44536.5	-1310.3	1092	4.7	50631.8	-1306.8	1182	10.	52645.9	-1304.9	1272	9.0	54414.8	-1324.8
1003	9.4	44536.6	-1330.8	1093	9.1	50644.7	-1305.6	1183	8.7	52701.0	-1337.9	1273	9.5	54416.7	-1358.7
1004	7.6	44542.3	-1330.8	1094	9.0	50657.2	-1350.2	1184	10.	52709.4	-1350.4	1274	9.4	54422.4	-1346.2
1005	8.8	44547.2	-1345.8	1095	10.	50717.8	-1302.9	1185	9.0	52716.6	-1323.2	1275	10.	54427.6	-1302.5
1006	9.8	44556.5	-1316.6	1096	9.5	50720.9	-1338.6	1186	9.0	52737.1	-1340.1	1276	9.5	54427.7	-1323.9
1007	9.7	44601.8	-1355.4	1097	8.0	50732.1	-1333.1	1187	9.8	52801.6	-1359.9	1277	9.5	54437.4	-1348.0
1008	9.0	44611.4	-1300.5	1098	10.	50754.1	-1315.3	1188	10.	52859.2	-1311.5	1278	10.	54439.3	-1309.2
1009	9.6	44632.2	-1347.1	1099	9.5	50804.9	-1341.7	1189	9.0	52906.6	-1324.4	1279	10.	54446.5	-1318.0
1010	9.8	44644.6	-1318.4	1100	10.	50814.8	-1305.5	1190	8.0	52913.5	-1320.4	1280	9.6	54455.9	-1348.0
1011	9.3	44656.9	-1319.9	1101	10.	50817.7	-1300.1	1191	10.	52913.7	-1310.1	1281	8.3	54458.0	-1350.4
1012	10.	44735.1	-1321.6	1102	9.5	50826.2	-1359.3	1192	8.5	52932.0	-1355.0	1282	8.7	54503.5	-1356.1
1013	10.	44736.7	-1315.4	1103	9.7	50830.5	-1323.5	1193	9.5	52933.5	-1354.8	1283	10.	54513.7	-1322.9
1014	9.2	44823.6	-1309.1	1104	8.5	50903.1	-1349.2	1194	10.	52952.2	-1309.3	1284	9.5	54531.0	-1318.5
1015	9.0	44839.3	-1322.9	1105	9.5	50917.1	-1347.8	1195	8.5	53025.2	-1345.7	1285	8.3	54542.3	-1315.9
1016	10.	44846.8	-1319.4	1106	9.8	50917.4	-1321.8	1196	9.3	53048.5	-1320.8	1286	10.	54545.7	-1338.8
1017	10.	44851.9	-1314.8	1107	9.0	50927.0	-1309.4	1197	9.5	53103.5	-1322.2	1287	9.0	54552.9	-1339.4
1018	8.6	44857.4	-1317.2	1108	10.	50927.9	-1354.6	1198	9.7	53103.9	-1302.0	1288	9.3	54554.0	-1350.4
1019	9.4	44902.7	-1346.3	1109	9.2	50940.1	-1313.9	1199	9.3	53124.3	-1348.5	1289	9.5	54601.5	-1319.4
1020	9.4	44907.4	-1314.0	1110	9.0	50942.7	-1352.4	1200	8.0	53159.0	-1301.5	1290	9.5	54634.4	-1319.5
1021	9.3	44915.5	-1352.6	1111	9.5	50954.0	-1311.4	1201	9.0	53205.4	-1351.1	1291	9.6	54639.0	-1303.1
1022	9.5	44917.2	-1312.9	1112	9.5	50957.9	-1341.2	1202	9.5	53210.7	-1326.5	1292	9.7	54649.8	-1334.5
1023	9.3	44921.4	-1350.6	1113	9.4	50958.6	-1349.8	1203	8.0	53211.5	-1337.6	1293	8.9	54659.7	-1330.0
1024	9.1	44936.1	-1322.7	1114	10.	51016.9	-1343.5	1204	9.8	53234.9	-1331.5	1294	9.6	54710.4	-1300.8
1025	9.5	44958.0	-1356.7	1115	9.3	51022.2	-1319.3	1205	9.9	53240.2	-1333.7	1295	9.2	54733.3	-1357.6
1026	8.8	45006.1	-1356.2	1116	6.0	51100.9	-1340.5	1206	10.	53240.5	-1304.7	1296	9.5	54733.4	-1309.6
1027	8.9	45009.6	-1302.9	1117	10.	51103.6	-1333.7	1207	9.8	53252.7	-1324.8	1297	10.	54759.3	-1323.0
1028	9.8	45017.7	-1335.9	1118	9.7	51106.1	-1338.2	1208	9.8	53253.1	-1323.0	1298	10.	54807.5	-1332.9
1029	9.0	45024.7	-1351.8	1119	9.8	51136.7	-1355.5	1209	8.7	53316.2	-1356.7	1299	9.4	54822.4	-1328.5
1030	8.8	45047.2	-1340.2	1120	10.	51154.8	-1303.6	1210	9.5	53323.8	-1329.1	1300	9.4	54844.4	-1311.1
1031	10.	45053.8	-1324.4	1121	8.6	51200.4	-1357.2	1211	9.0	53344.9	-1316.1	1301	10.	54847.8	-1343.2
1032	7.7	45104.8	-1355.5	1122	10.	51208.7	-1334.8	1212	10.	53350.4	-1351.8	1302	10.	54850.8	-1303.4
1033	9.1	45113.8	-1355.9	1123	8.5	51233.9	-1307.5	1213	8.5	53407.2	-1345.5	1303	9.5	54854.7	-1339.1
1034	10.	45125.2	-1321.7	1124	10.	51239.5	-1327.6	1214	9.0	53422.1	-1305.4	1304	10.	54856.9	-1359.6
1035	9.8	45146.4	-1328.6	1125	9.0	51244.2	-1316.5	1215	9.7	53442.2	-1310.3	1305	7.5	54925.9	-1309.1
1036	9.5	45149.9	-1329.7	1126	9.5	51245.5	-1343.8	1216	9.2	53452.9	-1301.4	1306	7.8	55004.0	-1310.9
1037	8.9	45155.1	-1303.4	1127	5.0	51253.3	-1319.7	1217	9.5	53505.4	-1351.0	1307	9.5	55008.9	-1308.7
1038	9.2	45210.5	-1343.8	1128	8.5	51258.6	-1344.7	1218	10.	53505.6	-1324.2	1308	10.	55017.7	-1300.7
1039	9.0	45213.7	-1310.6	1129	9.5	51314.0	-1309.5	1219	7.5	53528.0	-1303.6	1309	9.5	55021.5	-1317.4
1040	8.3	45224.2	-1316.9	1130	9.5	51322.5	-1329.4	1220	9.5	53542.9	-1338.4	1310	9.2	55025.0	-1353.8
1041	9.5	45237.2	-1341.7	1131	8.0	51352.6	-1332.0	1221	9.0	53545.1	-1307.6	1311	10.	55026.9	-1335.0
1042	10.	45252.4	-1350.7	1132	9.0	51354.1	-1315.5	1222	9.5	53558.2	-1309.0	1312	9.5	55111.5	-1331.1
1043	9.4	45256.8	-1358.1	1133	8.5	51408.0	-1345.5	1223	9.5	53615.3	-1346.5	1313	10.	55133.9	-1349.4
1044	9.4	45320.2	-1321.5	1134	9.7	51504.0	-1309.8	1224	9.5	53625.6	-1356.3	1314	9.5	55151.0	-1356.8
1045	10.	45348.7	-1321.7	1135	7.2	51512.4	-1354.0	1225	9.7	53636.2	-1358.0	1315	9.7	55203.0	-1350.5
1046	9.7	45357.5	-1356.8	1136	9.8	51531.2	-1318.3	1226	9.0	53645.3	-1311.2	1316	9.0	55326.0	-1358.5
1047	7.3	45400.7	-1343.6	1137	10.	51552.7	-1336.2	1227	10.	53701.3	-1343.3	1317	9.3	55326.8	-1354.3
1048	9.8	45400.8	-1307.3	1138	9.5	51610.4	-1323.4	1228	9.5	53719.8	-1325.5	1318	9.0	55403.1	-1317.0
1049	9.8	45424.9	-1340.9	1139	9.5	51625.5	-1330.5	1229	9.7	53735.2	-1341.1	1319	9.2	55413.0	-1313.0
1050	8.8	45438.5	-1318.2	1140	9.5	51641.5	-1311.4	1230	9.0	53736.1	-1304.9	1320	9.5	55424.4	-1328.2
1051	9.0	45504.0	-1305.0	1141	9.2	51710.0	-1308.7	1231	9.5	53741.4	-1313.4	1321	8.2	55438.4	-1301.9
1052	8.8	45605.8	-1352.2	1142	10.	51720.7	-1332.4	1232	9.0	53807.2	-1308.1	1322	9.9	55442.1	-1342.3
1053	9.7	45609.9	-1302.8	1143	9.5	51739.1	-1309.6	1233	9.7	53825.0	-1301.3	1323	9.4	55450.6	-1335.2
1054	9.7	45704.0	-1349.1	1144	9.7	51744.1	-1310.1	1234	10.	53826.5	-1344.1	1324	9.0	55506.9	-1303.4
1055	10.	45715.5	-1306.7	1145	9.5	51751.9	-1302.5	1235	9.5	53833.3	-1309.3	1325	10.	55508.9	-1348.6
1056	9.1	45719.7	-1344.0	1146	9.2	51812.0	-1340.9	1236	10.	53842.5	-1349.9	1326	10.	55518.8	-1300.4
1057	9.0	45729.6	-1324.7	1147	9.3	51839.3	-1352.5	1237	10.	53908.1	-1337.4	1327	8.5	55533.9	-1302.1
1058	8.3	45742.6	-1354.8	1148	8.0	51858.2	-1315.3	1238	9.8	53908.9	-1348.6	1328	9.9	55543.8	-1355.8
1059	7.9	45754.9	-1308.0	1149	7.8	51922.8	-1301.9	1239	8.5	53917.5	-1315.6	1329	9.5	55544.0	-1311.5
1060	10.	45900.5	-1322.6	1150	9.5	51940.0	-1306.8	1240	9.4	53926.2	-1354.7	1330	10.	55552.7	-1337.9
1061	9.5	45908.7	-1343.8	1151	10.	51942.5	-1326.4	1241	9.0	53933.2	-1342.0	1331	9.3	55607.8	-1341.4
1062	8.3	45928.8	-1350.9	1152	7.5	52002.6	-1359.3	1242	9.2	53951.0	-1301.3	1332	10.	55632.7	-1339.6
1063	6.0	45955.1	-1319.1	1153	9.3	52009.0	-1306.0	1243	9.3	53956.4	-1312.0	1333	10.	55650.0	-1320.4
1064	10.	50010.8	-1307.1	1154	9.0	52014.3	-1316.7	1244	9.5	54032.5	-1350.4	1334	10.	55651.7	-1304.7
1065	9.5	50014.0	-1346.8	1155	10.	52044.7	-1330.1	1245	8.5	54038.2	-1306.2	1335	9.5	55658.1	-1356.1
1066	9.5	50028.9	-1345.9	1156	9.5	52045.0	-1313.1	1246	9.7	54100.7	-1358.8	1336	10.	55710.8	-1302.9
1067	9.5	50048.0	-1350.4	1157	9.0	52053.4	-1355.1	1247	9.3	54101.1	-1304.3	1337	9.7	55713.4	-1328.8
1068	9.5	50048.2	-1339.7	1158	7.5	52053.5	-1341.7	1248	10.	54105.7	-1357.9	1338	8.8	55714.5	-1330.6
1069	10.	50048.8	-1300.0	1159	9.0	52130.0	-1341.5	1249	8.0	54113.0	-1334.2	1339	8.9	55718.3	-1356.9
1070	9.5	50055.9	-1346.8	1160	10.	52138.1	-1321.7	1250	9.3	54121.1	-1337.8	1340	10.	55729.3	-1322.6
1071	9.0	50117.7	-1337.0	1161	9.0	52208.5	-1339.1	1251	9.0	54122.4	-1312.3	1341	8.0	55733.7	-1341.4
1072	9.8	50118.7	-1304.0	1162	9.3	52247.1	-1315.8	1252	10.	54141.1	-1320.4	1342	9.2	55738.3	-1355.6
1073	9.5	50128.8	-1308.0	1163	9.5	52248.3	-1323.3	1253	7.0	54147.7	-1324.9	1343	10.	55759.7	-1339.6
1074	9.1	50152.3	-1355.7	1164	8.5	52309.8	-1333.9	1254	9.0	54152.2	-1342.2	1344	8.5	55824.8	-1345.0
1075	8.0	50209.7	-1306.2	1165	10.	52340.6	-1354.0	1255	8.5	54153.0	-1327.5	1345	9.3	55827.0	-1309.3
1076	10.	50225.1	-1353.0	1166	8.3	52340.9	-1303.6	1256	9.3	54154.2	-1306.1	1346	10.	55837.0	-1320.0
1077	9.3	50238.0	-1348.9	1167	8.5	52344.9	-1336.6	1257	9.8	54154.6	-1352.7	1347	9.0	55841.6	-1324.7
1078	9.0	50241.7	-1306.5	1168	8.5	52350.0	-1341.5	1258	9.0	54204.7	-1323.0	1348	10.	55902.6	-1308.0
1079	10.	50313.8	-1341.3	1169	8.5	52400.1	-1345.1	1259	9.3	54212.1	-1338.6	1349	9.5	55903.3	-1357.6
1080	10.	50314.1	-1300.7	1170	9.5	52413.5	-1322.9	1260	10.	54222.1	-1302.5	1350	7.8	55916.1	-1314.0
1081	10.	50324.0	-1349.0	1171	8.3	52415.1	-1351.0	1261	9.7	54227.7	-1323.0	1351	10.	55942.1	-1348.2
1082	9.6	50332.8	-1354.8	1172	10.	52454.6	-1344.2	1262	10.	54228.3	-1325.2	1352	10.	55944.8	-1320.6
1083	10.	50404.9	-1344.5	1173	10.	52457.6	-1329.5	1263	10.	54244.3	-1345.3	1353	9.0	55957.1	-1344.1
1084	9.5	50416.9	-1311.9	1174	10.	52457.6	-1344.6	1264	10.	54252.8	-1325.7	1354	8.8	55959.8	-1324.6
1085	9.5	50426.9	-1312.8	1175	10.	52501.6	-1329.1	1265	10.	54303.0	-1335.1	1355	9.3	60020.0	-1340.5
1086	9.0	50529.2	-1322.5	1176	9.3	52528.4	-1352.3	1266	10.	54306.2	-1306.1	1356	10.	60020.6	-1354.3
1087	10.	50532.7	-1305.5	1177	9.5	52536.2	-1347.4	1267	9.8	54320.3	-1334.0	1357	9.0	60026.7	-1312.4

-13 1358 6h00m

-13 1717 6h47m

1358	10.	60028.8	-1359.8	1448	10.	61313.8	-1310.0	1538	9.5	62604.2	-1314.1	1628	9.5	63711.1	-1320.2
1359	9.3	60037.8	-1320.4	1449	9.8	61315.6	-1329.2	1539	9.8	62609.3	-1339.7	1629	10.	63714.8	-1356.9
1360	9.2	60044.8	-1322.2	1450	7.0	61320.6	-1355.9	1540	10.	62611.0	-1346.8	1630	9.9	63734.2	-1332.1
1361	9.2	60102.6	-1311.5	1451	9.8	61326.0	-1321.2	1541	10.	62613.1	-1353.5	1631	9.5	63737.5	-1324.8
1362	9.5	60116.6	-1311.5	1452	9.1	61337.1	-1311.1	1542	8.8	62635.4	-1359.6	1632	9.5	63750.9	-1301.1
1363	9.5	60140.2	-1352.1	1453	9.5	61342.9	-1320.3	1543	9.5	62644.0	-1320.9	1633	10.	63754.5	-1348.0
1364	10.	60148.2	-1351.7	1454	9.0	61405.0	-1346.4	1544	9.4	62654.7	-1307.6	1634	9.7	63758.3	-1308.7
1365	9.0	60214.5	-1304.4	1455	9.9	61409.8	-1326.1	1545	9.0	62700.9	-1314.2	1635	9.2	63802.9	-1311.5
1366	8.0	60235.7	-1312.0	1456	9.0	61441.8	-1337.0	1546	8.9	62704.2	-1333.2	1636	8.7	63819.5	-1314.3
1367	9.0	60250.0	-1337.3	1457	8.2	61443.3	-1358.5	1547	9.7	62717.4	-1320.3	1637	9.8	63822.9	-1344.2
1368	10.	60312.8	-1320.4	1458	9.5	61458.0	-1346.7	1548	9.2	62725.9	-1315.3	1638	9.0	63825.8	-1303.5
1369	9.5	60314.2	-1353.4	1459	9.5	61508.7	-1335.5	1549	10.	62747.1	-1326.5	1639	9.3	63828.4	-1323.4
1370	10.	60319.6	-1305.2	1460	9.5	61511.8	-1336.8	1550	9.5	62752.0	-1356.1	1640	9.5	63903.5	-1313.0
1371	10.	60348.2	-1353.4	1461	9.4	61516.8	-1316.6	1551	9.8	62754.6	-1300.2	1641	8.8	63924.8	-1341.2
1372	9.5	60349.6	-1306.9	1462	9.0	61517.9	-1330.1	1552	10.	62819.6	-1334.4	1642	9.9	63935.3	-1339.1
1373	10.	60353.0	-1337.8	1463	10.	61523.6	-1318.0	1553	9.0	62823.6	-1353.8	1643	9.6	63959.5	-1352.5
1374	9.3	60359.9	-1327.1	1464	8.4	61526.1	-1316.6	1554	9.9	62827.3	-1333.4	1644	9.8	63959.5	-1354.2
1375	8.8	60425.5	-1345.9	1465	10.	61529.9	-1315.3	1555	9.8	62836.2	-1342.6	1645	9.5	64004.9	-1300.6
1376	10.	60446.9	-1330.1	1466	9.7	61534.4	-1325.8	1556	8.8	62844.8	-1310.9	1646	9.0	64025.9	-1301.0
1377	9.6	60454.8	-1342.8	1467	9.7	61541.3	-1354.5	1557	10.	62858.7	-1311.6	1647	8.9	64030.9	-1320.3
1378	8.6	60500.2	-1302.6	1468	10.	61546.5	-1354.8	1558	9.8	62904.2	-1359.5	1648	9.4	64045.2	-1354.4
1379	10.	60506.4	-1308.7	1469	9.8	61546.5	-1325.8	1559	9.0	62904.8	-1350.1	1649	10.	64046.2	-1309.1
1380	8.7	60508.5	-1311.5	1470	10.	61554.9	-1321.5	1560	8.5	62909.3	-1338.2	1650	9.4	64047.0	-1317.0
1381	10.	60521.3	-1316.0	1471	10.	61604.8	-1308.0	1561	9.0	62931.4	-1341.4	1651	9.5	64050.0	-1349.4
1382	9.5	60526.4	-1337.8	1472	9.2	61618.1	-1353.7	1562	9.0	62933.7	-1318.8	1652	9.3	64052.6	-1356.7
1383	9.0	60527.1	-1334.9	1473	9.3	61628.3	-1309.7	1563	9.8	62934.4	-1312.1	1653	9.8	64058.0	-1352.3
1384	8.9	60528.1	-1306.9	1474	10.	61637.0	-1320.7	1564	9.8	62938.1	-1326.7	1654	10.	64100.0	-1304.1
1385	10.	60530.0	-1315.8	1475	9.1	61640.2	-1333.8	1565	9.4	62945.0	-1310.3	1655	10.	64115.8	-1316.9
1386	10.	60544.7	-1313.6	1476	9.1	61712.5	-1340.4	1566	10.	63000.5	-1309.1	1656	9.5	64117.1	-1312.3
1387	7.5	60550.3	-1335.6	1477	9.0	61718.7	-1308.1	1567	9.2	63000.9	-1342.7	1657	7.8	64118.7	-1333.4
1388	9.4	60606.2	-1357.8	1478	10.	61735.6	-1354.0	1568	9.1	63001.4	-1305.1	1658	9.4	64127.8	-1315.6
1389	9.7	60613.3	-1318.8	1479	9.5	61739.1	-1326.0	1569	8.5	63003.9	-1340.2	1659	9.9	64137.4	-1311.8
1390	9.5	60620.9	-1311.6	1480	9.5	61744.9	-1332.3	1570	6.0	63006.0	-1312.0	1660	8.3	64141.1	-1316.5
1391	9.5	60631.0	-1343.0	1481	10.	61745.4	-1305.0	1571	9.1	63012.7	-1320.9	1661	8.4	64143.2	-1318.6
1392	9.1	60640.4	-1338.5	1482	9.4	61751.1	-1318.8	1572	9.0	63027.5	-1340.8	1662	9.4	64144.3	-1328.5
1393	9.3	60641.7	-1359.2	1483	8.0	61813.3	-1309.0	1573	10.	63032.8	-1338.5	1663	9.1	64156.6	-1355.4
1394	9.3	60648.3	-1358.2	1484	9.8	61819.3	-1337.5	1574	9.0	63055.1	-1352.5	1664	9.6	64203.7	-1333.2
1395	9.8	60648.6	-1314.0	1485	9.4	61821.8	-1359.2	1575	9.2	63111.7	-1332.1	1665	9.8	64208.3	-1359.4
1396	9.0	60649.2	-1343.9	1486	9.5	61823.2	-1307.5	1576	9.5	63122.6	-1350.9	1666	9.6	64209.7	-1327.1
1397	8.8	60653.9	-1332.4	1487	9.8	61850.0	-1320.0	1577	9.0	63123.5	-1320.5	1667	9.6	64213.5	-1321.7
1398	9.0	60655.8	-1326.1	1488	9.6	61851.6	-1327.5	1578	9.7	63124.3	-1328.7	1668	8.9	64221.2	-1358.2
1399	9.5	60656.4	-1340.1	1489	9.0	61853.1	-1316.0	1579	9.8	63129.6	-1307.3	1669	8.6	64242.1	-1332.5
1400	9.4	60719.3	-1310.6	1490	9.3	61920.6	-1303.4	1580	8.9	63129.7	-1358.4	1670	9.0	64243.8	-1314.0
1401	9.4	60727.1	-1351.5	1491	9.5	61931.3	-1339.8	1581	9.3	63139.5	-1317.1	1671	9.5	64255.5	-1331.7
1402	9.9	60744.7	-1352.9	1492	9.0	61942.6	-1340.7	1582	9.6	63140.2	-1336.3	1672	9.0	64301.9	-1348.5
1403	10.	60747.1	-1354.3	1493	8.5	61943.8	-1338.4	1583	9.5	63141.3	-1338.0	1673	10.	64304.2	-1331.8
1404	9.6	60751.9	-1341.5	1494	9.0	61954.4	-1328.1	1584	9.0	63142.1	-1341.5	1674	9.0	64304.3	-1352.2
1405	9.5	60810.7	-1332.8	1495	9.5	62019.7	-1303.8	1585	8.2	63201.6	-1307.6	1675	10.	64308.6	-1318.9
1406	9.2	60818.7	-1305.1	1496	10.	62025.8	-1348.4	1586	9.0	63202.7	-1301.1	1676	9.8	64325.5	-1319.4
1407	9.4	60835.9	-1316.7	1497	9.8	62046.0	-1321.6	1587	9.0	63221.9	-1355.3	1677	8.3	64326.4	-1327.2
1408	9.0	60843.0	-1326.1	1498	9.8	62050.0	-1348.4	1588	10.	63222.0	-1350.6	1678	9.7	64327.8	-1341.5
1409	9.2	60847.3	-1318.5	1499	9.5	62050.8	-1326.4	1589	10.	63222.8	-1327.6	1679	9.8	64340.6	-1346.2
1410	9.4	60859.4	-1304.1	1500	9.8	62055.5	-1325.6	1590	10.	63236.2	-1336.0	1680	9.8	64341.7	-1323.1
1411	5.2	60905.8	-1340.4	1501	9.4	62112.2	-1309.0	1591	9.8	63241.1	-1354.4	1681	10.	64345.2	-1336.6
1412	10.	60923.3	-1350.6	1502	9.5	62114.9	-1315.3	1592	10.	63247.7	-1354.8	1682	8.0	64348.6	-1356.9
1413	9.7	60925.6	-1302.3	1503	9.4	62116.7	-1301.5	1593	9.6	63258.9	-1346.3	1683	9.4	64356.4	-1348.7
1414	9.2	60929.6	-1303.0	1504	7.4	62118.6	-1304.3	1594	9.4	63301.4	-1301.5	1684	9.6	64417.5	-1305.1
1415	10.	60937.1	-1317.1	1505	10.	62121.8	-1334.5	1595	9.8	63312.2	-1346.8	1685	9.1	64419.3	-1341.9
1416	9.8	60937.6	-1353.4	1506	9.4	62128.3	-1339.5	1596	8.7	63320.5	-1349.9	1686	8.5	64421.2	-1303.5
1417	9.2	60944.3	-1356.1	1507	9.1	62141.4	-1344.4	1597	9.0	63322.9	-1355.6	1687	9.0	64427.4	-1343.6
1418	9.8	60949.7	-1332.8	1508	10.	62200.1	-1350.8	1598	9.1	63324.0	-1311.2	1688	9.0	64427.5	-1319.1
1419	9.0	60953.5	-1349.3	1509	9.5	62214.6	-1314.1	1599	9.8	63326.5	-1315.8	1689	10.	64445.1	-1306.8
1420	9.2	61000.7	-1356.2	1510	9.4	62215.8	-1317.4	1600	9.5	63332.9	-1323.3	1690	9.6	64454.6	-1333.0
1421	10.	61020.5	-1337.1	1511	9.4	62221.5	-1323.8	1601	9.6	63342.8	-1338.0	1691	9.5	64500.4	-1311.7
1422	9.9	61021.4	-1303.1	1512	9.5	62222.2	-1321.0	1602	9.7	63351.9	-1300.9	1692	10.	64505.6	-1345.6
1423	9.5	61033.2	-1317.0	1513	9.8	62246.9	-1341.3	1603	9.7	63358.0	-1325.3	1693	9.1	64519.0	-1303.0
1424	9.4	61040.8	-1340.0	1514	9.8	62300.2	-1323.6	1604	8.5	63359.8	-1309.3	1694	8.2	64530.9	-1302.4
1425	9.4	61045.4	-1355.5	1515	10.	62320.6	-1302.1	1605	9.3	63419.4	-1313.1	1695	10.	64531.7	-1312.6
1426	9.4	61057.1	-1303.2	1516	9.8	62322.8	-1310.5	1606	8.5	63433.7	-1339.6	1696	9.5	64534.8	-1330.7
1427	9.4	61103.9	-1301.9	1517	9.0	62328.9	-1341.1	1607	9.9	63434.3	-1330.9	1697	10.	64542.8	-1341.2
1428	9.4	61104.0	-1324.9	1518	9.2	62332.0	-1324.6	1608	9.0	63437.5	-1350.5	1698	9.5	64559.0	-1328.2
1429	9.8	61106.5	-1326.0	1519	6.3	62354.6	-1303.2	1609	8.0	63451.0	-1348.3	1699	9.5	64611.7	-1358.8
1430	10.	61127.6	-1351.4	1520	9.1	62409.0	-1345.6	1610	9.8	63500.1	-1317.6	1700	10.	64637.5	-1353.1
1431	9.4	61131.8	-1348.5	1521	9.0	62414.8	-1334.4	1611	10.	63508.0	-1329.1	1701	9.1	64638.3	-1329.7
1432	9.7	61134.1	-1328.7	1522	9.5	62421.6	-1353.7	1612	9.8	63514.8	-1341.3	1702	9.4	64647.2	-1341.2
1433	9.1	61141.3	-1311.4	1523	7.7	62437.3	-1330.4	1613	9.3	63521.2	-1338.7	1703	9.4	64648.9	-1342.1
1434	9.4	61143.5	-1349.4	1524	9.0	62438.9	-1323.7	1614	9.2	63526.9	-1320.8	1704	10.	64653.2	-1341.8
1435	10.	61147.4	-1315.4	1525	9.1	62448.5	-1319.7	1615	9.7	63539.2	-1309.0	1705	8.9	64656.0	-1331.5
1436	10.	61155.2	-1312.2	1526	9.0	62453.3	-1336.9	1616	9.2	63542.5	-1307.3	1706	10.	64656.6	-1347.1
1437	10.	61216.8	-1341.1	1527	9.9	62456.0	-1357.7	1617	9.4	63543.8	-1314.2	1707	9.8	64659.4	-1353.5
1438	9.2	61221.2	-1333.8	1528	9.6	62459.2	-1331.5	1618	9.7	63545.1	-1312.0	1708	9.5	64701.8	-1322.5
1439	9.8	61233.7	-1357.0	1529	9.8	62504.4	-1345.5	1619	9.0	63609.8	-1316.2	1709	7.8	64706.9	-1301.2
1440	9.8	61238.2	-1316.6	1530	10.	62517.1	-1324.8	1620	10.	63611.7	-1314.6	1710	8.9	64709.7	-1300.1
1441	9.1	61255.3	-1336.6	1531	10.	62518.8	-1325.0	1621	9.5	63617.9	-1302.4	1711	9.8	64710.9	-1346.2
1442	9.3	61256.1	-1340.0	1532	9.3	62521.3	-1337.4	1622	7.3	63622.6	-1333.5	1712	8.8	64711.0	-1350.8
1443	8.5	61259.4	-1329.6	1533	10.	62525.2	-1330.5	1623	9.3	63636.4	-1302.3	1713	9.5	64712.0	-1301.8
1444	9.0	61259.6	-1328.8	1534	9.3	62543.9	-1357.2	1624	8.8	63636.9	-1343.1	1714	9.4	64712.7	-1336.1
1445	9.4	61303.7	-1318.4	1535	10.	62549.0	-1306.9	1625	8.3	63652.5	-1302.9	1715	10.	64715.1	-1306.5
1446	9.5	61309.2	-1305.6	1536	8.9	62556.2	-1312.3	1626	8.8	63702.7	-1342.6	1716	9.4	64728.0	-1358.9
1447	9.8	61310.4	-1300.0	1537	9.2	62602.3	-1319.3	1627	9.8	63702.8	-1356.5	1717	8.7	64729.6	-1334.1

-13 1718 6h47m

-13 2077 7h25m

1718	8.2	64731.2	-1327.3	1808	8.0	65821.5	-1345.7	1898	9.8	70825.4	-1355.1	1988	9.3	71736.8	-1313.5
1719	8.2	64751.8	-1334.4	1809	8.8	65835.1	-1350.3	1899	9.1	70837.5	-1309.3	1989	9.5	71737.5	-1322.3
1720	9.3	64752.1	-1312.9	1810	10.	65846.9	-1355.6	1900	9.8	70841.6	-1328.7	1990	8.8	71743.6	-1355.8
1721	10.	64807.9	-1336.9	1811	9.3	65847.7	-1308.4	1901	8.7	70844.7	-1333.0	1991	10.	71744.8	-1306.2
1722	8.1	64809.1	-1358.5	1812	9.5	65859.5	-1326.3	1902	8.7	70850.2	-1319.1	1992	9.0	71756.0	-1342.4
1723	9.7	64815.9	-1318.3	1813	9.3	65905.9	-1326.2	1903	10.	70904.3	-1314.2	1993	9.8	71800.3	-1333.0
1724	9.8	64817.3	-1314.8	1814	8.0	65908.3	-1336.5	1904	8.5	70908.6	-1302.4	1994	9.7	71809.5	-1313.1
1725	9.4	64819.5	-1327.6	1815	9.1	65914.5	-1303.6	1905	8.0	70921.9	-1341.3	1995	9.8	71810.9	-1336.0
1726	9.5	64826.7	-1325.0	1816	9.3	65919.4	-1320.7	1906	8.3	70925.4	-1351.6	1996	9.0	71811.0	-1350.8
1727	9.4	64832.2	-1309.5	1817	9.8	65921.4	-1353.5	1907	10.	70925.6	-1308.7	1997	9.5	71818.7	-1331.9
1728	10.	64842.0	-1328.4	1818	9.3	65926.2	-1315.8	1908	8.9	70930.5	-1328.4	1998	9.5	71818.8	-1345.0
1729	8.9	64844.3	-1320.2	1819	9.0	65946.4	-1342.2	1909	10.	70940.3	-1310.2	1999	9.4	71822.6	-1320.7
1730	9.8	64845.4	-1313.5	1820	9.8	70000.3	-1313.2	1910	9.3	70951.7	-1331.1	2000	9.5	71823.5	-1305.3
1731	9.8	64845.5	-1348.3	1821	9.3	70001.2	-1354.8	1911	10.	70953.0	-1303.5	2001	6.5	71828.6	-1327.9
1732	9.3	64858.0	-1347.9	1822	9.0	70002.7	-1344.0	1912	10.	70958.9	-1346.0	2002	9.6	71835.0	-1302.9
1733	10.	64901.4	-1346.3	1823	10.	70005.5	-1313.9	1913	7.5	71000.2	-1351.7	2003	8.9	71836.2	-1348.4
1734	10.	64907.6	-1313.9	1824	9.3	70016.5	-1353.9	1914	7.3	71006.4	-1325.5	2004	9.8	71840.3	-1351.2
1735	8.5	64909.3	-1333.9	1825	9.0	70017.2	-1327.0	1915	9.8	71007.4	-1332.0	2005	9.2	71845.9	-1355.5
1736	9.6	64916.5	-1358.7	1826	9.2	70037.9	-1323.8	1916	8.0	71016.6	-1351.4	2006	9.1	71852.1	-1310.8
1737	9.7	64917.7	-1313.0	1827	8.8	70044.0	-1313.7	1917	9.8	71023.9	-1321.8	2007	8.5	71914.8	-1331.1
1738	9.8	64922.0	-1351.6	1828	8.0	70044.2	-1349.3	1918	9.1	71024.1	-1341.3	2008	7.2	71915.8	-1353.4
1739	9.5	64924.4	-1301.8	1829	9.8	70053.0	-1301.8	1919	7.8	71026.7	-1343.9	2009	9.0	71923.2	-1350.5
1740	9.5	64926.1	-1331.5	1830	9.2	70055.3	-1338.6	1920	8.8	71045.3	-1339.6	2010	10.	71937.2	-1357.8
1741	5.0	64927.6	-1351.6	1831	8.3	70056.8	-1329.4	1921	10.	71047.8	-1316.2	2011	9.8	71937.3	-1309.3
1742	9.8	64930.4	-1359.9	1832	10.	70057.9	-1321.1	1922	9.7	71112.6	-1319.8	2012	9.2	71949.8	-1352.5
1743	9.0	65003.2	-1335.9	1833	9.4	70109.8	-1359.3	1923	9.0	71115.0	-1326.6	2013	9.9	71952.4	-1321.5
1744	10.	65007.8	-1342.5	1834	10.	70110.4	-1355.8	1924	7.7	71116.7	-1338.0	2014	9.1	72002.7	-1321.5
1745	10.	65011.0	-1336.8	1835	9.4	70111.2	-1337.5	1925	8.3	71122.4	-1326.6	2015	9.7	72004.5	-1312.8
1746	10.	65015.7	-1328.1	1836	9.8	70127.7	-1323.0	1926	8.8	71122.6	-1326.2	2016	9.2	72004.9	-1320.9
1747	9.7	65016.5	-1307.5	1837	10.	70131.3	-1339.7	1927	9.3	71122.8	-1357.8	2017	9.6	72007.8	-1332.8
1748	9.8	65018.4	-1300.0	1838	9.1	70132.9	-1302.5	1928	9.4	71125.4	-1325.5	2018	9.5	72024.2	-1305.7
1749	10.	65031.8	-1339.8	1839	9.5	70134.2	-1300.3	1929	9.6	71129.9	-1352.3	2019	9.8	72024.9	-1348.5
1750	9.3	65042.3	-1310.9	1840	9.5	70138.8	-1339.0	1930	9.7	71140.6	-1324.0	2020	10.	72031.2	-1326.1
1751	10.	65119.2	-1321.6	1841	9.0	70153.1	-1327.7	1931	10.	71142.6	-1343.4	2021	10.	72045.2	-1353.6
1752	10.	65129.3	-1331.2	1842	8.5	70156.5	-1346.2	1932	10.	71143.8	-1346.7	2022	9.4	72045.7	-1343.5
1753	9.3	65150.8	-1310.1	1843	9.4	70217.7	-1331.6	1933	10.	71151.0	-1301.5	2023	9.4	72046.1	-1337.3
1754	8.4	65157.7	-1340.1	1844	9.4	70234.1	-1305.6	1934	9.5	71201.2	-1359.8	2024	8.6	72052.8	-1320.0
1755	9.2	65206.8	-1340.5	1845	9.8	70236.7	-1353.7	1935	9.0	71203.9	-1359.1	2025	10.	72056.1	-1320.1
1756	9.6	65208.0	-1304.4	1846	9.2	70238.9	-1342.1	1936	9.4	71213.7	-1310.1	2026	9.8	72105.6	-1313.9
1757	10.	65214.3	-1340.7	1847	10.	70251.6	-1352.2	1937	9.8	71213.8	-1309.0	2027	9.4	72119.5	-1344.0
1758	9.2	65216.1	-1352.4	1848	9.8	70305.7	-1345.5	1938	9.2	71218.4	-1322.5	2028	9.8	72127.4	-1333.0
1759	10.	65222.9	-1302.8	1849	9.5	70307.8	-1320.9	1939	9.0	71219.1	-1311.7	2029	9.2	72133.1	-1324.1
1760	9.8	65223.2	-1316.6	1850	9.1	70312.6	-1354.8	1940	9.8	71225.0	-1337.3	2030	10.	72136.2	-1347.3
1761	9.7	65223.6	-1351.0	1851	7.0	70317.9	-1323.7	1941	8.8	71229.0	-1321.9	2031	10.	72136.4	-1343.9
1762	9.8	65226.0	-1310.2	1852	8.8	70322.0	-1321.5	1942	9.4	71235.7	-1335.6	2032	10.	72137.6	-1333.0
1763	9.7	65245.1	-1313.9	1853	9.2	70328.8	-1322.4	1943	10.	71245.6	-1350.0	2033	9.4	72200.1	-1319.3
1764	8.3	65249.0	-1330.4	1854	9.8	70330.0	-1317.9	1944	9.2	71253.5	-1318.0	2034	9.0	72200.5	-1324.3
1765	10.	65250.9	-1327.8	1855	9.3	70343.8	-1319.5	1945	9.4	71255.1	-1327.7	2035	8.9	72202.7	-1330.8
1766	10.	65253.4	-1308.8	1856	9.8	70345.8	-1358.2	1946	9.6	71300.7	-1311.7	2036	9.5	72203.6	-1335.6
1767	9.8	65300.5	-1357.9	1857	9.0	70356.0	-1349.5	1947	9.3	71309.5	-1328.4	2037	9.4	72212.0	-1353.8
1768	9.8	65305.4	-1301.0	1858	9.8	70359.4	-1320.6	1948	8.6	71310.9	-1330.4	2038	9.5	72217.5	-1312.2
1769	8.8	65320.0	-1331.1	1859	9.5	70402.9	-1358.2	1949	9.7	71316.0	-1356.3	2039	9.8	72218.9	-1357.0
1770	8.5	65332.9	-1323.5	1860	9.5	70406.3	-1329.5	1950	9.6	71322.7	-1348.0	2040	9.0	72225.7	-1328.5
1771	9.0	65341.2	-1336.9	1861	9.8	70406.9	-1355.0	1951	8.2	71328.0	-1344.1	2041	10.	72229.6	-1304.0
1772	9.8	65404.1	-1314.6	1862	9.4	70432.6	-1341.8	1952	9.3	71329.5	-1305.9	2042	9.5	72237.5	-1346.2
1773	9.8	65410.6	-1334.4	1863	9.1	70441.7	-1332.9	1953	8.5	71341.8	-1316.4	2043	9.8	72238.4	-1342.9
1774	9.7	65426.2	-1310.1	1864	9.2	70451.1	-1353.2	1954	9.7	71343.9	-1313.1	2044	8.7	72248.6	-1310.7
1775	9.8	65426.4	-1300.4	1865	10.	70503.4	-1323.3	1955	10.	71351.2	-1312.1	2045	9.6	72259.6	-1307.6
1776	9.9	65428.7	-1304.9	1866	9.2	70511.3	-1337.6	1956	9.1	71355.9	-1302.5	2046	10.	72304.1	-1704.5
1777	8.8	65452.1	-1314.7	1867	9.5	70515.2	-1338.8	1957	10.	71401.3	-1311.1	2047	9.5	72306.2	-1328.4
1778	9.4	65452.2	-1300.5	1868	9.6	70529.5	-1326.6	1958	9.5	71415.0	-1326.7	2048	9.7	72306.9	-1337.8
1779	9.5	65503.5	-1325.6	1869	9.6	70534.9	-1355.1	1959	10.	71415.5	-1349.5	2049	9.3	72310.3	-1340.1
1780	9.6	65508.6	-1328.7	1870	9.3	70536.5	-1315.1	1960	9.4	71424.2	-1315.2	2050	9.4	72310.7	-1313.2
1781	9.8	65512.6	-1308.1	1871	9.7	70540.8	-1315.4	1961	9.3	71426.3	-1307.0	2051	7.0	72313.4	-1341.3
1782	8.9	65518.8	-1318.9	1872	9.8	70544.9	-1342.5	1962	9.2	71430.1	-1321.5	2052	9.0	72313.4	-1350.5
1783	9.4	65521.7	-1314.0	1873	9.5	70547.9	-1313.0	1963	8.8	71433.9	-1347.7	2053	9.0	72316.3	-1337.2
1784	9.3	65532.1	-1330.3	1874	9.7	70549.3	-1355.5	1964	9.5	71437.6	-1328.1	2054	10.	72332.2	-1337.3
1785	9.3	65534.8	-1337.8	1875	10.	70551.5	-1336.0	1965	9.8	71442.7	-1320.8	2055	9.3	72337.3	-1320.2
1786	10.	65540.4	-1342.3	1876	9.9	70558.2	-1341.3	1966	9.7	71453.6	-1328.6	2056	9.5	72339.7	-1358.7
1787	9.1	65548.1	-1359.9	1877	9.1	70559.1	-1352.3	1967	9.2	71454.2	-1312.1	2057	10.	72339.4	-1337.9
1788	9.3	65555.0	-1331.8	1878	9.8	70559.8	-1318.3	1968	9.9	71500.6	-1344.3	2058	8.6	72354.6	-1307.8
1789	9.1	65559.6	-1329.0	1879	9.2	70601.1	-1339.0	1969	9.2	71507.4	-1336.0	2059	9.8	72358.4	-1345.9
1790	10.	65604.4	-1357.6	1880	9.8	70612.6	-1304.8	1970	9.1	71522.5	-1305.1	2060	9.7	72359.0	-1315.1
1791	8.0	65613.5	-1301.0	1881	9.4	70625.1	-1310.3	1971	10.	71525.2	-1302.5	2061	9.9	72410.7	-1331.9
1792	9.5	65617.3	-1318.0	1882	9.8	70628.7	-1335.2	1972	9.1	71550.9	-1355.9	2062	9.6	72411.1	-1307.0
1793	9.2	65623.4	-1312.4	1883	9.1	70634.8	-1316.2	1973	9.8	71551.3	-1333.5	2063	9.1	72415.2	-1310.3
1794	9.2	65625.0	-1316.4	1884	10.	70641.8	-1339.5	1974	9.7	71605.7	-1311.6	2064	9.2	72417.1	-1317.8
1795	9.1	65625.8	-1357.5	1885	9.5	70646.7	-1303.3	1975	9.5	71610.9	-1357.5	2065	9.8	72425.0	-1356.6
1796	9.7	65638.3	-1359.0	1886	10.	70658.3	-1316.2	1976	9.0	71620.5	-1341.8	2066	9.5	72431.4	-1309.1
1797	9.8	65645.2	-1331.8	1887	9.4	70710.5	-1347.0	1977	9.0	71633.1	-1324.6	2067	9.8	72434.7	-1311.7
1798	9.8	65648.1	-1303.6	1888	9.2	70713.4	-1309.1	1978	10.	71639.4	-1356.7	2068	8.9	72442.0	-1320.8
1799	9.8	65658.4	-1341.9	1889	9.8	70720.5	-1328.9	1979	8.0	71641.3	-1304.7	2069	9.2	72449.8	-1335.4
1800	9.2	65706.9	-1345.5	1890	9.7	70720.6	-1319.0	1980	9.0	71645.9	-1301.6	2070	9.8	72459.3	-1307.5
1801	9.4	65709.9	-1345.7	1891	9.5	70736.0	-1325.8	1981	7.8	71657.6	-1349.1	2071	9.5	72500.0	-1346.8
1802	8.3	65734.1	-1331.4	1892	9.8	70738.2	-1315.1	1982	9.8	71658.2	-1333.0	2072	9.4	72503.6	-1331.8
1803	9.3	65740.0	-1359.9	1893	9.8	70742.9	-1310.7	1983	9.3	71700.1	-1310.5	2073	9.2	72505.0	-1326.2
1804	9.0	65742.2	-1334.8	1894	9.5	70744.0	-1303.9	1984	9.2	71702.9	-1338.7	2074	10.	72505.8	-1302.7
1805	9.8	65743.8	-1317.8	1895	9.1	70754.1	-1353.7	1985	9.9	71708.4	-1336.4	2075	9.8	72514.3	-1356.4
1806	8.8	65759.9	-1343.9	1896	9.8	70801.6	-1308.0	1986	9.8	71718.6	-1324.5	2076	9.0	72520.3	-1349.7
1807	9.1	65817.6	-1358.0	1897	9.9	70802.4	-1312.7	1987	10.	71731.2	-1331.0	2077	10.	72537.2	-1336.5

-13 2078 7h25m

-13 2437 8h06m

2078	10.	72543.7	-1318.2	2168	10.	73450.5	-1319.8	2258	9.1	74413.8	-1348.2	2348	9.8	75459.6	-1347.4
2079	9.0	72559.5	-1324.0	2169	9.0	73457.9	-1326.8	2259	10.	74422.3	-1306.4	2349	9.3	75504.5	-1318.2
2080	9.6	72601.5	-1342.3	2170	9.0	73502.6	-1305.2	2260	9.5	74425.2	-1300.2	2350	9.5	75517.6	-1319.3
2081	9.8	72603.7	-1335.2	2171	10.	73505.5	-1332.0	2261	10.	74438.4	-1306.5	2351	9.5	75526.7	-1314.4
2082	9.3	72606.8	-1313.3	2172	9.5	73508.2	-1316.7	2262	9.6	74440.7	-1314.1	2352	9.5	75527.5	-1344.2
2083	9.3	72607.6	-1342.9	2173	8.9	73508.5	-1324.7	2263	9.8	74451.9	-1329.2	2353	10.	75539.7	-1315.0
2084	8.3	72625.5	-1306.5	2174	9.5	73514.3	-1344.9	2264	9.5	74454.4	-1351.5	2354	9.0	75544.1	-1311.2
2085	9.1	72632.4	-1322.2	2175	9.8	73514.7	-1302.8	2265	9.3	74456.8	-1303.7	2355	9.8	75544.3	-1334.9
2086	9.4	72636.8	-1359.8	2176	9.1	73521.7	-1300.2	2266	9.3	74500.2	-1342.3	2356	10.	75559.1	-1346.6
2087	9.8	72643.7	-1330.3	2177	9.0	73532.9	-1348.2	2267	5.7	74503.4	-1350.9	2357	9.8	75603.5	-1352.8
2088	9.5	72645.9	-1332.9	2178	10.	73538.7	-1314.4	2268	10.	74521.9	-1331.7	2358	9.8	75611.3	-1320.8
2089	10.	72647.1	-1344.1	2179	9.1	73543.9	-1336.2	2269	10.	74533.9	-1353.2	2359	9.7	75624.2	-1313.3
2090	9.8	72651.3	-1336.1	2180	8.0	73544.0	-1330.1	2270	7.2	74543.9	-1329.4	2360	8.8	75626.1	-1314.5
2091	9.6	72652.5	-1357.6	2181	9.6	73546.0	-1329.7	2271	9.8	74553.4	-1352.7	2361	9.7	75629.1	-1312.0
2092	9.5	72653.5	-1328.1	2182	8.8	73555.7	-1357.4	2272	10.	74554.3	-1315.7	2362	9.7	75629.4	-1318.5
2093	9.6	72654.2	-1319.3	2183	9.0	73611.5	-1356.8	2273	10.	74603.1	-1315.2	2363	9.4	75644.3	-1311.3
2094	9.5	72656.2	-1317.2	2184	9.3	73617.9	-1359.0	2274	8.5	74605.9	-1331.1	2364	10.	75647.9	-1336.6
2095	10.	72701.6	-1326.8	2185	9.1	73618.8	-1345.3	2275	9.3	74607.4	-1318.2	2365	9.2	75649.7	-1319.9
2096	9.0	72707.9	-1343.4	2186	9.4	73619.2	-1307.5	2276	9.8	74610.4	-1352.4	2366	9.5	75701.2	-1359.0
2097	8.7	72710.0	-1322.8	2187	9.3	73628.7	-1349.3	2277	8.2	74616.7	-1340.9	2367	9.4	75734.1	-1332.0
2098	9.1	72717.1	-1308.6	2188	9.3	73629.8	-1345.0	2278	9.4	74632.8	-1351.0	2368	9.5	75737.6	-1306.2
2099	9.8	72739.0	-1348.4	2189	8.9	73632.6	-1339.2	2279	10.	74635.9	-1307.5	2369	9.3	75740.1	-1359.7
2100	9.8	72739.2	-1319.4	2190	9.3	73642.3	-1342.4	2280	10.	74642.8	-1303.0	2370	9.5	75749.5	-1342.7
2101	7.2	72747.6	-1333.3	2191	9.5	73644.7	-1342.3	2281	9.4	74657.7	-1326.0	2371	10.	75750.6	-1340.7
2102	9.3	72758.1	-1338.2	2192	9.6	73649.1	-1344.5	2282	9.2	74658.5	-1326.4	2372	10.	75755.6	-1338.3
2103	9.4	72804.3	-1339.1	2193	9.2	73656.2	-1339.9	2283	9.4	74659.0	-1322.6	2373	9.2	75756.1	-1357.9
2104	8.2	72812.0	-1351.2	2194	9.0	73703.4	-1351.3	2284	8.3	74700.1	-1314.0	2374	9.5	75806.0	-1352.5
2105	9.8	72817.7	-1312.3	2195	9.2	73716.5	-1332.0	2285	9.0	74702.2	-1301.6	2375	8.0	75807.7	-1331.8
2106	9.6	72817.8	-1320.3	2196	9.5	73718.0	-1314.6	2286	9.3	74707.2	-1343.8	2376	9.3	75808.0	-1305.0
2107	9.4	72823.4	-1344.0	2197	8.4	73736.6	-1318.1	2287	10.	74716.1	-1307.2	2377	9.2	75808.8	-1337.4
2108	9.4	72837.3	-1329.8	2198	10.	73744.0	-1328.3	2288	10.	74717.9	-1311.0	2378	9.3	75816.2	-1353.0
2109	8.0	72840.6	-1343.9	2199	9.5	73749.5	-1347.7	2289	9.8	74722.0	-1323.6	2379	9.4	75817.1	-1306.5
2110	9.7	72849.4	-1305.6	2200	10.	73754.3	-1304.6	2290	9.7	74737.3	-1359.0	2380	8.5	75829.7	-1352.4
2111	8.6	72854.1	-1330.6	2201	10.	73755.9	-1316.4	2291	9.8	74738.7	-1321.9	2381	7.5	75846.3	-1310.0
2112	9.4	72922.3	-1317.9	2202	9.0	73801.8	-1347.0	2292	9.9	74743.9	-1359.6	2382	8.5	75904.8	-1342.3
2113	9.0	72928.9	-1313.6	2203	9.8	73808.6	-1345.8	2293	9.5	74745.8	-1307.4	2383	9.8	75911.6	-1349.2
2114	9.8	72930.4	-1330.8	2204	8.1	73812.2	-1320.9	2294	9.0	74751.7	-1303.3	2384	8.7	75912.8	-1333.0
2115	9.3	72934.4	-1300.0	2205	9.8	73823.7	-1339.2	2295	9.5	74756.1	-1352.3	2385	9.0	75941.4	-1312.5
2116	9.6	72937.1	-1352.8	2206	10.	73833.6	-1311.5	2296	9.0	74755.3	-1332.0	2386	9.8	75946.6	-1340.0
2117	10.	72943.9	-1321.4	2207	8.8	73840.4	-1359.6	2297	10.	74801.9	-1344.9	2387	9.0	75948.6	-1315.1
2118	9.6	72946.7	-1354.9	2208	10.	73849.6	-1315.7	2298	9.5	74803.1	-1354.8	2388	10.	80001.5	-1343.2
2119	9.0	72951.8	-1355.6	2209	9.4	73853.0	-1329.0	2299	9.8	74804.2	-1321.1	2389	9.5	80007.2	-1308.1
2120	9.0	72952.9	-1344.1	2210	10.	73853.5	-1305.7	2300	10.	74815.7	-1322.8	2390	9.1	80007.7	-1317.2
2121	9.3	72954.2	-1348.9	2211	9.6	73902.6	-1314.8	2301	9.1	74817.2	-1346.0	2391	8.5	80012.2	-1353.1
2122	9.8	72954.5	-1356.3	2212	9.0	73906.9	-1311.0	2302	9.3	74832.6	-1320.5	2392	7.5	80020.3	-1354.6
2123	9.7	73004.2	-1331.8	2213	9.8	73910.1	-1338.5	2303	9.2	74843.5	-1311.7	2393	10.	80025.9	-1350.8
2124	9.0	73006.3	-1341.0	2214	10.	73910.8	-1335.6	2304	7.8	74857.1	-1321.2	2394	10.	80035.1	-1350.6
2125	9.1	73008.4	-1303.2	2215	9.5	73914.5	-1354.8	2305	8.6	74906.9	-1316.9	2395	9.5	80036.4	-1326.7
2126	9.5	73015.2	-1335.4	2216	9.5	73916.2	-1304.6	2306	9.8	74907.8	-1341.8	2396	9.4	80040.1	-1356.1
2127	9.0	73025.1	-1333.2	2217	9.0	73932.4	-1305.5	2307	9.5	74909.0	-1324.9	2397	10.	80041.3	-1314.9
2128	9.3	73025.6	-1329.2	2218	10.	73941.9	-1348..	2308	9.8	74921.7	-1331.2	2398	9.1	80043.5	-1319.8
2129	9.7	73026.1	-1306.5	2219	9.5	73945.4	-1324.4	2309	9.4	74931.8	-1328.0	2399	9.4	80056.2	-1328.4
2130	10.	73027.0	-1335.4	2220	10.	73946.5	-1308.3	2310	9.4	74951.2	-1324.3	2400	9.5	80113.8	-1319.0
2131	10.	73030.3	-1336.6	2221	9.4	73954.9	-1348.2	2311	9.8	74958.9	-1359.3	2401	7.6	80116.6	-1305.3
2132	10.	73033.3	-1302.4	2222	9.5	74000.7	-1340.5	2312	10.	74959.8	-1332.6	2402	9.5	80118.6	-1338.9
2133	9.8	73044.5	-1329.9	2223	9.3	74005.8	-1342.7	2313	9.6	75006.9	-1311.4	2403	10.	80119.4	-1359.4
2134	9.2	73054.8	-1318.9	2224	9.3	74013.7	-1341.6	2314	9.8	75015.3	-1350.9	2404	9.1	80124.7	-1338.6
2135	7.9	73101.0	-1306.4	2225	9.8	74017.4	-1349.2	2315	8.4	75023.4	-1300.6	2405	9.7	80136.0	-1316.4
2136	9.5	73105.9	-1346.8	2226	10.	74022.9	-1358.3	2316	9.2	75024.4	-1335.2	2406	9.4	80154.3	-1317.1
2137	9.8	73109.0	-1359.9	2227	10.	74025.5	-1332.4	2317	9.4	75025.2	-1300.8	2407	10.	80157.6	-1348.9
2138	9.4	73113.1	-1329.8	2228	9.5	74027.9	-1351.0	2318	10.	75038.1	-1300.5	2408	9.3	80220.8	-1354.9
2139	9.5	73117.9	-1324.2	2229	9.4	74038.8	-1329.5	2319	8.8	75056.3	-1355.9	2409	9.1	80225.8	-1334.1
2140	9.8	73118.3	-1306.8	2230	10.	74041.0	-1308.9	2320	9.1	75112.7	-1308.8	2410	9.8	80233.8	-1337.1
2141	9.4	73120.0	-1324.9	2231	9.7	74056.5	-1321.1	2321	9.3	75113.5	-1339.0	2411	9.4	80235.1	-1330.0
2142	9.8	73120.9	-1322.7	2232	9.3	74104.0	-1316.8	2322	9.4	75119.7	-1358.7	2412	9.4	80237.8	-1330.2
2143	8.3	73134.1	-1331.6	2233	9.3	74110.4	-1330.7	2323	9.7	75128.0	-1319.7	2413	9.0	80301.5	-1319.7
2144	9.4	73139.6	-1356.4	2234	9.4	74118.2	-1345.2	2324	9.7	75129.8	-1305.3	2414	9.8	80303.1	-1339.2
2145	9.5	73140.5	-1309.2	2235	10.	74129.9	-1306.7	2325	9.8	75138.3	-1305.6	2415	9.8	80304.6	-1358.9
2146	8.2	73218.4	-1322.2	2236	8.0	74132.7	-1344.2	2326	9.8	75155.3	-1302.0	2416	9.7	80325.9	-1357.2
2147	9.4	73219.4	-1323.8	2237	9.8	74139.6	-1338.2	2327	9.8	75209.7	-1301.9	2417	9.5	80336.4	-1300.3
2148	10.	73221.0	-1304.8	2238	9.0	74140.0	-1308.5	2328	8.0	75219.3	-1339.0	2418	9.2	80344.0	-1304.3
2149	9.5	73226.0	-1348.8	2239	9.5	74145.8	-1301.8	2329	9.1	75221.4	-1310.5	2419	9.8	80351.3	-1340.8
2150	9.8	73228.7	-1324.6	2240	10.	74202.4	-1308.3	2330	9.9	75228.5	-1334.6	2420	6.2	80356.0	-1322.2
2151	9.3	73232.9	-1343.8	2241	10.	74209.7	-1355.0	2331	9.1	75228.6	-1342.0	2421	8.9	80418.9	-1355.0
2152	9.1	73237.0	-1307.0	2242	9.1	74225.9	-1322.5	2332	9.2	75237.9	-1335.4	2422	9.5	80423.0	-1313.5
2153	10.	73245.3	-1320.8	2243	9.4	74234.8	-1310.1	2333	9.1	75238.9	-1335.2	2423	9.6	80423.8	-1306.1
2154	9.5	73249.9	-1302.9	2244	9.1	74241.8	-1326.7	2334	9.8	75240.3	-1353.2	2424	9.8	80427.4	-1332.3
2155	9.1	73252.5	-1349.6	2245	9.3	74243.0	-1316.1	2335	10.	75245.8	-1307.4	2425	9.2	80433.7	-1356.3
2156	9.5	73253.1	-1341.4	2246	9.5	74249.2	-1322.5	2336	9.4	75303.5	-1336.8	2426	8.0	80436.7	-1356.3
2157	8.5	73253.4	-1333.4	2247	7.2	74257.9	-1343.2	2337	8.5	75304.0	-1307.4	2427	10.	80502.9	-1340.6
2158	9.3	73300.3	-1355.8	2248	9.4	74258.6	-1315.6	2338	8.9	75331.3	-1326.8	2428	9.4	80507.3	-1313.7
2159	9.8	73300.7	-1349.4	2249	8.8	74305.9	-1331.5	2339	8.9	75332.5	-1308.2	2429	8.6	80515.1	-1344.5
2160	8.9	73309.5	-1353.9	2250	8.8	74308.4	-1323.8	2340	10.	75344.7	-1324.5	2430	9.5	80518.9	-1335.8
2161	9.9	73311.3	-1321.0	2251	9.0	74317.1	-1310.3	2341	9.0	75345.8	-1330.7	2431	9.6	80537.9	-1357.8
2162	9.5	73356.4	-1348.8	2252	9.5	74318.6	-1338.6	2342	9.0	75411.8	-1309.9	2432	9.6	80550.6	-1347.9
2163	9.4	73401.5	-1354.3	2253	10.	74327.0	-1311.8	2343	8.7	75412.1	-1322.6	2433	8.0	80556.0	-1302.3
2164	9.2	73413.9	-1321.3	2254	9.0	74338.3	-1313.8	2344	9.0	75417.8	-1356.6	2434	9.5	80558.2	-1350.4
2165	9.4	73424.7	-1304.3	2255	9.0	74354.5	-1324.0	2345	7.5	75418.4	-1344.4	2435	9.5	80601.9	-1324.9
2166	9.5	73440.5	-1309.8	2256	10.	74355.3	-1359.4	2346	9.0	75434.1	-1343.5	2436	9.4	80607.5	-1310.6
2167	9.7	73444.7	-1339.8	2257	10.	74358.8	-1300.2	2347	9.3	75446.1	-1322.8	2437	8.2	80611.4	-1325.3

-13 2438 8h06m

-13 2797 9h09m

2438	8.2	80612.9	-1304.1	2528	9.2	81843.8	-1305.0	2618	9.8	83047.3	-1345.3	2708	9.2	84806.6	-1325.5
2439	9.1	80624.6	-1328.3	2529	9.4	81845.2	-1347.3	2619	9.0	83049.9	-1303.1	2709	9.8	84809.8	-1343.6
2440	9.8	80658.4	-1343.6	2530	10.	81853.9	-1354.0	2620	9.1	83055.8	-1317.2	2710	9.4	84816.3	-1330.5
2441	9.5	80715.1	-1323.6	2531	9.5	81855.8	-1305.2	2621	9.7	83057.6	-1303.4	2711	9.2	84830.4	-1353.7
2442	9.4	80735.4	-1345.7	2532	9.5	81909.1	-1345.0	2622	9.5	83120.0	-1354.5	2712	9.5	84837.7	-1336.1
2443	8.5	80737.5	-1300.9	2533	8.6	81912.4	-1312.4	2623	8.8	83120.1	-1325.5	2713	8.0	84838.6	-1351.1
2444	9.8	80759.8	-1359.4	2534	10.	81917.3	-1304.1	2624	9.7	83129.2	-1356.0	2714	8.3	84853.0	-1329.4
2445	9.8	80800.1	-1351.4	2535	9.5	81926.6	-1358.0	2625	9.5	83151.9	-1314.7	2715	9.0	84903.1	-1305.2
2446	9.0	80802.4	-1335.3	2536	10.	81933.5	-1315.2	2626	9.8	83206.2	-1310.0	2716	9.5	84908.3	-1347.9
2447	9.0	80815.5	-1347.5	2537	9.4	81935.0	-1331.3	2627	9.5	83207.7	-1317.3	2717	8.9	84921.2	-1355.6
2448	9.8	80815.7	-1300.4	2538	9.5	81935.7	-1340.9	2628	8.5	83219.6	-1302.6	2718	8.2	84921.2	-1321.1
2449	9.5	80817.9	-1318.8	2539	9.4	81937.4	-1347.8	2629	9.8	83224.1	-1329.7	2719	9.1	84937.9	-1322.9
2450	9.0	80827.8	-1348.7	2540	9.2	81949.9	-1338.3	2630	10.	83230.7	-1317.3	2720	9.0	84946.7	-1310.1
2451	9.9	80839.0	-1321.8	2541	9.2	81953.3	-1325.1	2631	9.5	83240.7	-1332.1	2721	9.0	85001.1	-1308.3
2452	7.0	80846.9	-1311.0	2542	8.9	81959.8	-1335.4	2632	9.4	83246.1	-1322.2	2722	9.5	85027.4	-1353.0
2453	9.6	80859.7	-1358.6	2543	9.8	82011.4	-1314.8	2633	8.2	83249.1	-1358.9	2723	9.7	85056.3	-1354.6
2454	9.8	80903.4	-1313.1	2544	9.5	82025.5	-1330.7	2634	9.6	83255.8	-1358.2	2724	9.3	85104.5	-1302.0
2455	9.8	80914.2	-1316.9	2545	9.1	82026.2	-1333.8	2635	9.4	83309.7	-1300.1	2725	10.	85119.9	-1323.4
2456	9.4	80915.6	-1342.4	2546	10.	82029.4	-1328.5	2636	9.1	83313.3	-1354.7	2726	9.8	85125.2	-1301.1
2457	9.0	80928.1	-1322.6	2547	9.1	82044.7	-1317.1	2637	9.4	83319.4	-1304.1	2727	9.8	85125.3	-1305.6
2458	10.	80942.3	-1300.9	2548	9.0	82046.8	-1321.8	2638	8.2	83321.5	-1321.4	2728	9.0	85132.2	-1348.4
2459	9.5	80943.0	-1309.1	2549	7.7	82059.8	-1306.7	2639	9.5	83323.3	-1318.2	2729	10.	85150.8	-1319.1
2460	9.3	80943.5	-1325.3	2550	9.7	82101.0	-1344.6	2640	8.0	83325.0	-1303.2	2730	9.1	85158.5	-1333.7
2461	10.	80952.9	-1309.4	2551	9.4	82101.7	-1320.0	2641	9.7	83336.1	-1355.5	2731	9.3	85217.1	-1337.4
2462	9.4	80956.2	-1337.8	2552	8.0	82136.0	-1304.7	2642	9.2	83345.0	-1300.1	2732	9.9	85240.3	-1321.6
2463	9.5	80957.8	-1354.3	2553	9.7	82143.5	-1344.1	2643	9.8	83407.5	-1354.5	2733	8.9	85242.0	-1314.2
2464	10.	81001.3	-1311.5	2554	9.8	82146.3	-1307.7	2644	8.0	83414.4	-1346.9	2734	9.5	85253.6	-1336.3
2465	9.2	81006.4	-1319.3	2555	9.5	82149.4	-1333.9	2645	9.6	83415.0	-1342.0	2735	8.5	85311.2	-1358.0
2466	9.1	81019.6	-1357.8	2556	9.7	82155.3	-1305.4	2646	9.7	83441.4	-1346.9	2736	9.3	85312.3	-1350.3
2467	9.5	81025.8	-1326.6	2557	9.1	82201.2	-1354.1	2647	9.5	83442.6	-1341.9	2737	8.7	85313.6	-1344.4
2468	9.4	81026.8	-1333.7	2558	9.3	82204.1	-1343.0	2648	8.9	83445.2	-1314.5	2738	9.8	85319.0	-1329.7
2469	9.5	81039.4	-1303.2	2559	9.8	82235.3	-1306.7	2649	8.8	83500.4	-1317.9	2739	10.	85330.8	-1358.4
2470	9.5	81107.2	-1349.6	2560	9.8	82246.3	-1329.3	2650	9.8	83500.7	-1333.7	2740	9.3	85357.7	-1316.4
2471	8.8	81126.7	-1347.0	2561	9.4	82253.9	-1333.5	2651	8.9	83507.0	-1324.3	2741	9.8	85402.9	-1311.5
2472	9.3	81158.5	-1325.8	2562	9.3	82313.9	-1340.0	2652	9.2	83515.9	-1318.8	2742	10.	85419.6	-1343.8
2473	9.4	81200.6	-1357.4	2563	9.5	82314.6	-1312.7	2653	8.4	83521.5	-1301.0	2743	8.2	85442.5	-1355.6
2474	9.4	81222.3	-1340.1	2564	9.8	82334.4	-1359.0	2654	9.8	83535.1	-1332.2	2744	9.1	85448.3	-1351.5
2475	8.6	81225.6	-1309.8	2565	9.8	82353.7	-1329.9	2655	9.2	83535.3	-1344.1	2745	9.4	85530.2	-1319.9
2476	9.2	81225.8	-1313.8	2566	7.8	82416.4	-1331.5	2656	9.7	83544.6	-1325.0	2746	7.7	85615.8	-1326.0
2477	9.1	81229.1	-1330.8	2567	9.4	82422.4	-1359.3	2657	9.4	83617.0	-1354.4	2747	9.8	85617.0	-1310.1
2478	10.	81238.4	-1309.0	2568	9.8	82435.7	-1310.1	2658	9.4	83618.9	-1350.1	2748	9.3	85622.2	-1348.7
2479	9.3	81239.9	-1321.6	2569	9.4	82441.2	-1307.6	2659	9.6	83640.0	-1336.6	2749	9.8	85622.5	-1310.7
2480	9.5	81255.0	-1305.4	2570	10.	82445.1	-1349.3	2660	9.8	83643.7	-1308.2	2750	9.4	85641.9	-1355.7
2481	9.5	81259.1	-1358.6	2571	10.	82446.3	-1335.0	2661	7.7	83644.1	-1331.2	2751	7.9	85645.3	-1351.8
2482	9.5	81259.8	-1313.3	2572	9.0	82450.0	-1351.4	2662	9.6	83648.1	-1356.8	2752	9.8	85716.2	-1321.9
2483	9.3	81324.3	-1348.5	2573	9.5	82459.8	-1306.2	2663	9.6	83707.3	-1319.5	2753	8.7	85721.1	-1342.8
2484	9.1	81334.0	-1328.7	2574	9.5	82514.2	-1303.3	2664	9.5	83727.7	-1355.5	2754	9.8	85729.9	-1300.8
2485	9.5	81335.5	-1353.1	2575	9.3	82522.4	-1327.1	2665	9.3	83752.2	-1357.0	2755	9.9	85747.8	-1325.0
2486	9.5	81343.5	-1321.7	2576	9.6	82524.3	-1335.0	2666	9.3	83801.0	-1304.7	2756	9.8	85752.2	-1306.6
2487	10.	81343.9	-1354.2	2577	9.2	82529.0	-1315.0	2667	9.2	83834.4	-1313.7	2757	9.0	85754.0	-1308.4
2488	8.2	81347.7	-1310.8	2578	9.4	82533.8	-1309.6	2668	8.5	83834.6	-1335.3	2758	10.	85815.7	-1336.0
2489	10.	81355.1	-1354.4	2579	9.8	82534.0	-1321.6	2669	9.3	83911.2	-1309.1	2759	9.0	85825.6	-1344.8
2490	10.	81400.0	-1321.2	2580	9.7	82536.5	-1312.6	2670	8.2	83919.8	-1350.6	2760	9.4	85844.4	-1306.4
2491	7.5	81401.5	-1354.6	2581	9.4	82540.2	-1305.0	2671	9.2	83927.3	-1309.7	2761	9.7	85910.5	-1311.3
2492	9.0	81405.1	-1333.6	2582	8.8	82544.2	-1327.4	2672	9.8	83931.6	-1341.9	2762	10.	85917.6	-1346.5
2493	9.8	81408.4	-1314.5	2583	7.0	82551.3	-1355.8	2673	4.8	83932.2	-1301.2	2763	9.1	85917.9	-1357.8
2494	9.3	81414.6	-1314.4	2584	10.	82555.1	-1314.5	2674	9.8	83946.9	-1325.5	2764	10.	85934.8	-1330.7
2495	9.1	81425.5	-1306.5	2585	8.6	82604.7	-1312.9	2675	9.6	84008.5	-1319.5	2765	9.6	85943.3	-1319.6
2496	9.5	81426.2	-1307.7	2586	9.3	82609.4	-1343.2	2676	8.5	84009.4	-1335.8	2766	9.8	85948.4	-1318.9
2497	9.3	81429.1	-1307.8	2587	9.9	82619.7	-1315.6	2677	9.5	84020.3	-1334.7	2767	9.8	90008.9	-1304.5
2498	8.8	81430.5	-1343.3	2588	9.9	82622.4	-1316.7	2678	9.5	84020.7	-1333.4	2768	9.4	90037.8	-1334.4
2499	9.3	81436.0	-1356.0	2589	8.5	82626.2	-1307.9	2679	9.8	84022.4	-1338.2	2769	8.9	90047.6	-1351.7
2500	9.0	81459.6	-1358.7	2590	9.4	82626.9	-1336.4	2680	9.5	84041.2	-1329.8	2770	8.5	90133.3	-1334.1
2501	8.3	81502.9	-1358.7	2591	9.5	82635.6	-1303.5	2681	10.	84043.8	-1307.9	2771	9.2	90158.1	-1346.8
2502	8.0	81513.9	-1318.6	2592	9.1	82640.2	-1328.0	2682	9.8	84048.5	-1347.5	2772	9.5	90206.8	-1312.5
2503	9.4	81518.1	-1328.8	2593	8.8	82700.6	-1354.3	2683	9.5	84054.9	-1339.9	2773	7.9	90209.4	-1336.0
2504	9.2	81525.6	-1329.5	2594	9.4	82704.9	-1355.3	2684	9.0	84113.1	-1326.0	2774	8.8	90231.9	-1336.9
2505	9.1	81525.7	-1305.8	2595	9.0	82705.0	-1333.4	2685	9.5	84116.4	-1345.2	2775	7.6	90247.9	-1316.3
2506	8.9	81527.1	-1309.8	2596	8.7	82712.3	-1312.5	2686	8.6	84148.3	-1308.1	2776	9.5	90250.5	-1303.7
2507	8.8	81534.5	-1326.6	2597	9.5	82723.3	-1315.4	2687	10.	84148.5	-1314.2	2777	9.4	90342.1	-1312.4
2508	9.4	81534.9	-1307.8	2598	8.9	82726.8	-1311.3	2688	9.5	84205.2	-1356.7	2778	9.5	90409.7	-1359.2
2509	10.	81557.7	-1345.1	2599	9.6	82738.4	-1322.7	2689	9.9	84220.0	-1328.0	2779	9.6	90437.7	-1330.0
2510	9.7	81557.7	-1308.5	2600	8.8	82805.3	-1357.3	2690	9.0	84225.1	-1303.8	2780	9.4	90455.5	-1350.7
2511	9.3	81601.0	-1350.2	2601	9.4	82807.2	-1309.0	2691	10.	84237.8	-1337.3	2781	9.0	90510.7	-1329.5
2512	9.5	81632.9	-1348.0	2602	9.8	82812.8	-1335.6	2692	8.3	84250.2	-1329.8	2782	8.6	90526.2	-1315.9
2513	8.5	81640.4	-1307.0	2603	9.7	82819.4	-1315.8	2693	9.7	84254.9	-1310.6	2783	9.4	90533.8	-1340.5
2514	9.0	81653.5	-1359.1	2604	9.1	82821.7	-1309.9	2694	8.8	84347.6	-1347.0	2784	10.	90536.3	-1336.6
2515	9.4	81705.2	-1310.2	2605	9.5	82844.5	-1317.5	2695	8.5	84404.7	-1308.5	2785	10.	90548.0	-1301.3
2516	8.1	81706.3	-1309.9	2606	9.2	82914.3	-1353.0	2696	7.3	84417.1	-1311.6	2786	9.3	90602.3	-1338.7
2517	9.1	81722.5	-1334.6	2607	9.6	82927.1	-1326.0	2697	9.9	84420.6	-1331.3	2787	9.6	90614..	-1343.4
2518	9.4	81727.0	-1335.2	2608	9.2	82936.2	-1315.5	2698	10.	84512.1	-1311.5	2788	8.8	90638.4	-1342.4
2519	9.6	81731.0	-1335.6	2609	9.0	82938.9	-1319.5	2699	9.8	84534.3	-1340.9	2789	9.4	90646.3	-1356.0
2520	9.4	81732.8	-1313.0	2610	9.6	82944.5	-1347.2	2700	9.2	84540.9	-1347.4	2790	9.4	90650.8	-1313.5
2521	10.	81743.1	-1314.6	2611	9.3	82953.0	-1307.6	2701	9.2	84553.4	-1345.0	2791	9.8	90717.6	-1327.5
2522	9.8	81745.6	-1348.2	2612	9.7	83002.1	-1319.7	2702	9.9	84554.5	-1352.8	2792	10.	90752.0	-1301.1
2523	9.4	81746.4	-1328.3	2613	8.2	83009.6	-1330.1	2703	9.4	84614.0	-1351.8	2793	9.8	90812.9	-1341.6
2524	9.1	81747.0	-1322.5	2614	9.0	83009.7	-1309.2	2704	8.4	84653.8	-1317.5	2794	8.6	90832.7	-1331.1
2525	9.0	81759.6	-1336.5	2615	9.0	83014.2	-1333.1	2705	10.	84743.1	-1308.0	2795	8.4	90844.6	-1321.5
2526	9.3	81834.4	-1310.4	2616	9.5	83033.6	-1355.0	2706	9.1	84744.5	-1357.9	2796	9.7	90900.5	-1335.1
2527	9.3	81836.5	-1303.0	2617	9.0	83046.3	-1320.4	2707	9.7	84751.7	-1308.8	2797	9.8	90900.9	-1300.4

-13 2798 9h09m

-13 3157 10h27m

2798	9.4	90902.1	-1347.4	2888	8.5	92728.9	-1313.5	2978	9.4	94723.3	-1320.7	3068	10.	100756.7	-1352.5
2799	9.8	90902.6	-1328.0	2889	9.4	92743.5	-1345.6	2979	9.8	94740.1	-1356.1	3069	9.3	100830.2	-1338.7
2800	9.4	90903.2	-1301.2	2890	10.	92751.8	-1341.6	2980	8.9	94751.5	-1357.9	3070	9.5	100843.4	-1304.1
2801	9.4	90909.0	-1325.8	2891	9.6	92842.9	-1304.8	2981	10.	94807.1	-1334.2	3071	9.0	100848.6	-1333.8
2802	9.4	90915.9	-1348.5	2892	9.6	92857.2	-1339.0	2982	9.5	94811.9	-1347.1	3072	9.5	100920.0	-1344.9
2803	9.7	90932.6	-1332.8	2893	9.0	92917.3	-1350.4	2983	9.3	94851.0	-1302.2	3073	9.0	100931.7	-1340.4
2804	7.1	90933.6	-1314.1	2894	9.5	92924.6	-1354.5	2984	9.6	94911.8	-1343.4	3074	10.	100933.4	-1303.8
2805	8.8	90952.1	-1315.5	2895	9.2	92934.5	-1347.1	2985	9.4	94921.5	-1300.3	3075	9.8	100958.9	-1302.1
2806	9.8	90953.7	-1331.3	2896	9.3	92935.3	-1350.4	2986	9.9	94936.9	-1347.7	3076	8.9	101002.5	-1332.2
2807	8.9	91005.4	-1350.2	2897	9.5	92952.6	-1353.1	2987	10.	94939.7	-1316.2	3077	9.6	101009.5	-1343.8
2808	6.6	91014.5	-1358.3	2898	9.4	92953.1	-1354.7	2988	8.3	94948.3	-1342.3	3078	9.6	101009.5	-1344.5
2809	8.7	91040.0	-1350.0	2899	10.	92956.4	-1337.5	2989	9.1	95009.5	-1315.5	3079	10.	101020.4	-1359.2
2810	9.1	91047.3	-1309.1	2900	9.9	93003.2	-1323.4	2990	9.5	95014.8	-1345.6	3080	9.1	101021.0	-1341.0
2811	9.8	91056.2	-1300.8	2901	9.1	93007.1	-1311.0	2991	9.4	95019.9	-1325.1	3081	10.	101057.3	-1323.5
2812	9.5	91120.5	-1349.7	2902	9.0	93008.4	-1307.0	2992	9.0	95021.6	-1339.2	3082	9.5	101103.3	-1305.0
2813	10.	91131.6	-1359.1	2903	8.5	93010.5	-1301.4	2993	9.6	95032.5	-1316.9	3083	9.8	101130.4	-1337.5
2814	10.	91145.4	-1328.7	2904	10.	93021.8	-1317.0	2994	9.6	95100.8	-1306.2	3084	9.4	101138.3	-1334.6
2815	9.4	91215.8	-1315.1	2905	9.5	93032.8	-1315.7	2995	9.9	95113.3	-1349.3	3085	9.3	101211.3	-1322.2
2816	9.4	91225.9	-1302.7	2906	9.6	93047.8	-1335.1	2996	7.4	95130.0	-1315.3	3086	9.8	101227.9	-1344.9
2817	9.4	91227.1	-1325.6	2907	9.8	93131.0	-1359.0	2997	9.4	95130.5	-1333.7	3087	10.	101230.4	-1355.9
2818	9.9	91239.2	-1337.9	2908	9.4	93131.7	-1337.8	2998	9.5	95146.6	-1305.6	3088	9.8	101237.6	-1311.6
2819	9.8	91248.1	-1328.0	2909	8.7	93132.1	-1305.6	2999	7.8	95151.0	-1327.4	3089	10.	101259.0	-1331.3
2820	10.	91309.4	-1305.0	2910	9.1	93134.1	-1307.5	3000	9.1	95219.7	-1336.7	3090	8.9	101301.4	-1311.9
2821	10.	91315.0	-1310.0	2911	9.5	93209.0	-1354.1	3001	8.0	95221.3	-1302.8	3091	9.2	101308.7	-1308.3
2822	9.6	91322.6	-1357.4	2912	9.7	93228.1	-1311.4	3002	9.8	95230.6	-1358.2	3092	8.7	101316.8	-1303.6
2823	10.	91335.3	-1310.8	2913	8.8	93238.0	-1344.3	3003	9.0	95242.8	-1352.7	3093	9.8	101325.5	-1335.5
2824	10.	91337.8	-1339.6	2914	9.1	93254.3	-1302.0	3004	9.3	95245.7	-1339.0	3094	8.9	101326.7	-1345.3
2825	9.0	91349.8	-1307.2	2915	8.9	93316.6	-1325.5	3005	9.8	95328.5	-1330.9	3095	8.8	101341.7	-1352.3
2826	8.0	91351.9	-1312.2	2916	10.	93321.2	-1329.3	3006	9.4	95347.3	-1320.4	3096	9.1	101344.3	-1300.0
2827	9.9	91414.3	-1307.3	2917	5.8	93321.4	-1340.6	3007	9.3	95354.5	-1300.7	3097	6.5	101409.4	-1303.4
2828	9.3	91416.2	-1308.2	2918	9.3	93323.2	-1333.4	3008	8.5	95357.9	-1327.3	3098	9.2	101428.0	-1333.1
2829	9.1	91427.5	-1314.9	2919	9.4	93338.5	-1349.9	3009	8.8	95400.2	-1331.3	3099	9.8	101435.5	-1356.1
2830	10.	91428.7	-1338.3	2920	9.3	93342.8	-1314.4	3010	8.8	95422.1	-1315.3	3100	9.5	101447.9	-1335.2
2831	10.	91503.4	-1351.7	2921	9.5	93404.6	-1325.6	3011	9.8	95442.4	-1313.8	3101	9.6	101455.1	-1344.4
2832	10.	91503.9	-1334.3	2922	9.9	93414.3	-1318.4	3012	9.8	95448.9	-1333.2	3102	9.8	101523.9	-1332.0
2833	9.5	91541.1	-1347.0	2923	9.1	93430.5	-1318.6	3013	7.5	95457.2	-1341.6	3103	9.5	101558.4	-1337.5
2834	9.2	91547.5	-1356.2	2924	9.0	93450.7	-1301.5	3014	10.	95511.8	-1355.1	3104	9.1	101624.4	-1357.8
2835	8.3	91558.5	-1312.4	2925	10.	93457.9	-1312.8	3015	10.	95512.2	-1301.6	3105	9.1	101643.2	-1318.9
2836	10.	91608.6	-1338.5	2926	7.5	93535.4	-1319.3	3016	9.7	95513.4	-1349.6	3106	9.5	101700.7	-1322.1
2837	9.9	91617.2	-1344.3	2927	8.8	93544.6	-1328.5	3017	9.7	95514.5	-1348.0	3107	10.	101711.4	-1338.6
2838	9.3	91659.9	-1312.8	2928	9.7	93548.4	-1312.0	3018	9.4	95606.2	-1306.5	3108	8.9	101713.6	-1353.4
2839	9.4	91711.5	-1322.4	2929	8.7	93606.3	-1314.5	3019	9.8	95630.8	-1321.8	3109	9.5	101726.9	-1312.9
2840	9.3	91739.2	-1316.5	2930	8.0	93631.0	-1301.8	3020	10.	95643.2	-1305.8	3110	9.5	101731.2	-1324.5
2841	10.	91744.2	-1310.4	2931	9.8	93640.0	-1332.0	3021	9.4	95658.4	-1317.5	3111	9.4	101757.8	-1302.1
2842	9.8	91749.8	-1352.0	2932	9.7	93643.3	-1314.0	3022	9.3	95711.7	-1318.4	3112	10.	101823.5	-1321.7
2843	9.8	91805.7	-1346.9	2933	9.4	93653.0	-1331.9	3023	9.4	95723.0	-1340.1	3113	10.	101834.1	-1339.2
2844	9.1	91808.8	-1357.2	2934	9.5	93655.9	-1325.5	3024	9.4	95734.5	-1319.7	3114	9.9	101847.6	-1306.9
2845	9.3	91810.8	-1346.2	2935	8.3	93708.7	-1303.5	3025	10.	95805.3	-1325.3	3115	9.6	101901.5	-1310.5
2846	9.2	91820.1	-1318.8	2936	8.6	93709.8	-1322.1	3026	10.	95821.9	-1334.1	3116	9.5	101908.8	-1351.1
2847	8.9	91822.9	-1325.4	2937	10.	93712.7	-1344.0	3027	9.4	95850.5	-1337.6	3117	10.	101918.0	-1307.0
2848	9.2	91823.0	-1326.4	2938	9.6	93722.8	-1320.1	3028	9.7	95939.0	-1318.1	3118	9.5	101946.0	-1308.7
2849	10.	91834.2	-1306.1	2939	8.8	93723.3	-1309.6	3029	9.8	95955.4	-1329.9	3119	9.0	101947.2	-1323.8
2850	10.	91837.3	-1352.4	2940	9.1	93745.6	-1317.4	3030	9.4	100001.2	-1322.1	3120	9.5	101959.5	-1329.6
2851	8.5	91853.4	-1354.7	2941	10.	93757.6	-1311.8	3031	9.5	100012.4	-1336.4	3121	9.5	102006.1	-1317.7
2852	8.8	91943.8	-1338.7	2942	10.	93758.5	-1316.5	3032	10.	100012.6	-1304.7	3122	9.5	102012.8	-1340.7
2853	9.5	91944.2	-1343.1	2943	9.8	93805.7	-1343.3	3033	9.3	100013.3	-1308.7	3123	9.7	102023.5	-1327.3
2854	9.7	91945.1	-1307.6	2944	9.4	93821.3	-1316.8	3034	9.0	100015.5	-1343.9	3124	10.	102044.9	-1344.1
2855	7.8	91947.8	-1351.5	2945	9.6	93906.0	-1328.6	3035	10.	100019.9	-1359.9	3125	10.	102108.3	-1338.0
2856	10.	92000.7	-1317.8	2946	8.0	93917.1	-1355.5	3036	8.6	100039.0	-1327.0	3126	9.6	102123.5	-1340.0
2857	9.0	92013.7	-1342.7	2947	9.3	93918.5	-1335.8	3037	8.5	100055.5	-1307.8	3127	9.6	102132.7	-1314.0
2858	7.8	92015.7	-1316.6	2948	9.2	93930.2	-1352.5	3038	10.	100102.6	-1320.3	3128	9.8	102140.4	-1300.3
2859	9.4	92024.4	-1321.9	2949	8.7	94006.2	-1322.1	3039	9.0	100127.6	-1322.0	3129	8.0	102141.1	-1343.4
2860	10.	92042.1	-1303.0	2950	9.4	94039.4	-1348.3	3040	10.	100127.8	-1357.7	3130	8.6	102157.0	-1303.4
2861	10.	92059.3	-1349.5	2951	10.	94049.5	-1322.3	3041	9.1	100204.1	-1300.4	3131	8.8	102219.2	-1331.6
2862	9.5	92108.8	-1351.4	2952	10.	94053.9	-1316.3	3042	10.	100228.1	-1325.2	3132	9.6	102231.3	-1309.4
2863	9.4	92149.0	-1355.1	2953	9.0	94059.2	-1337.5	3043	10.	100244.0	-1318.3	3133	9.1	102258.8	-1339.0
2864	9.5	92159.6	-1305.2	2954	9.7	94206.4	-1310.9	3044	10.	100306.5	-1353.7	3134	9.1	102301.7	-1327.4
2865	9.6	92209.9	-1304.3	2955	9.1	94242.9	-1333.4	3045	9.3	100308.2	-1355.6	3135	8.7	102304.0	-1352.3
2866	7.2	92220.1	-1306.5	2956	9.5	94310.7	-1354.5	3046	9.4	100314.6	-1354.9	3136	10.	102357.8	-1344.2
2867	9.1	92245.4	-1357.3	2957	9.4	94312.1	-1302.1	3047	9.9	100321.0	-1351.4	3137	9.5	102417.9	-1348.9
2868	9.5	92251.3	-1324.1	2958	9.5	94315.3	-1328.0	3048	9.3	100335.9	-1318.0	3138	9.0	102420.1	-1350.0
2869	8.8	92313.9	-1348.1	2959	9.4	94317.1	-1319.5	3049	8.9	100338.0	-1307.2	3139	9.8	102500.2	-1323.4
2870	9.2	92346.3	-1313.0	2960	9.7	94339.5	-1309.2	3050	9.2	100351.0	-1353.5	3140	9.8	102500.8	-1359.5
2871	9.3	92450.2	-1354.6	2961	9.2	94348.0	-1339.8	3051	8.8	100351.5	-1303.4	3141	9.4	102507.9	-1346.1
2872	9.5	92453.0	-1335.0	2962	9.5	94404.2	-1311.6	3052	9.4	100357.6	-1324.9	3142	9.4	102518.3	-1312.9
2873	9.0	92454.6	-1305.8	2963	7.5	94415.8	-1303.0	3053	9.0	100407.9	-1344.5	3143	8.4	102520.0	-1338.4
2874	8.9	92535.0	-1314.7	2964	9.4	94416.1	-1353.2	3054	9.9	100411.7	-1330.7	3144	9.0	102535.8	-1345.8
2875	9.2	92547.3	-1321.7	2965	8.9	94418.7	-1327.3	3055	8.0	100431.7	-1333.9	3145	8.8	102555.2	-1316.2
2876	7.0	92558.3	-1322.0	2966	8.8	94426.9	-1307.7	3056	9.9	100438.9	-1306.9	3146	10.	102601.7	-1353.9
2877	10.	92559.6	-1332.5	2967	7.8	94449.9	-1323.9	3057	9.8	100456.5	-1312.1	3147	9.8	102602.6	-1357.4
2878	9.0	92608.7	-1350.1	2968	8.8	94503.6	-1304.4	3058	9.6	100522.3	-1311.3	3148	10.	102603.1	-1348.1
2879	9.5	92610.4	-1330.4	2969	9.0	94521.8	-1354.5	3059	9.0	100544.1	-1354.5	3149	9.2	102617.0	-1327.5
2880	9.8	92623.5	-1336.7	2970	9.5	94526.8	-1318.3	3060	9.5	100544.4	-1306.2	3150	10.	102623.4	-1306.3
2881	9.8	92624.6	-1310.5	2971	8.7	94616.3	-1316.3	3061	10.	100634.5	-1330.6	3151	9.5	102643.5	-1326.6
2882	9.2	92640.0	-1305.2	2972	9.4	94633.3	-1315.1	3062	9.4	100654.7	-1359.9	3152	9.7	102652.9	-1359.5
2883	10.	92641.5	-1303.9	2973	9.5	94644.1	-1329.2	3063	9.8	100659.8	-1314.7	3153	9.4	102653.2	-1309.8
2884	9.1	92647.1	-1344.5	2974	9.5	94644.1	-1318.0	3064	9.2	100724.0	-1334.9	3154	10.	102704.6	-1321.5
2885	9.8	92658.7	-1359.6	2975	9.7	94645.5	-1302.4	3065	8.6	100738.6	-1333.5	3155	9.5	102704.7	-1324.8
2886	9.4	92709.2	-1314.5	2976	9.0	94700.2	-1357.7	3066	9.0	100744.1	-1314.4	3156	8.8	102709.6	-1321.8
2887	10.	92713.6	-1350.7	2977	9.0	94709.1	-1331.7	3067	8.6	100756.4	-1305.0	3157	9.1	102713.3	-1306.7

-13 3158 10h27m

3158	9.0	102732.8	-1350.4	3248	9.6	104718.4	-1302.0	3338	9.8	111019.1	-1324.5	3428	9.5	113546.2	-1330.1
3159	8.8	102738.7	-1357.4	3249	10.	104744.1	-1332.2	3339	10.	111030.2	-1342.6	3429	9.4	113557.0	-1305.7
3160	9.0	102744.5	-1332.8	3250	9.0	104744.3	-1328.1	3340	9.8	111108.3	-1308.0	3430	8.0	113613.0	-1313.0
3161	9.1	102745.4	-1302.0	3251	9.2	104748.5	-1300.1	3341	9.3	111109.0	-1352.0	3431	10.	113617.1	-1300.4
3162	9.2	102753.6	-1354.6	3252	10.	104843.3	-1358.0	3342	8.8	111125.1	-1311.0	3432	9.8	113624.1	-1305.1
3163	9.5	102825.3	-1308.0	3253	9.8	104848.4	-1335.9	3343	9.8	111125.7	-1342.3	3433	8.9	113706.1	-1318.6
3164	9.3	102832.9	-1315.1	3254	9.3	104932.2	-1327.0	3344	9.8	111155.0	-1327.1	3434	9.5	113707.5	-1305.4
3165	7.7	102836.2	-1312.1	3255	9.1	105007.8	-1353.3	3345	3.8	111205.0	-1359.9	3435	9.1	113803.9	-1304.8
3166	9.5	102845.3	-1345.6	3256	9.7	105012.7	-1357.8	3346	9.4	111218.0	-1326.0	3436	9.7	113809.4	-1305.2
3167	9.8	102848.3	-1308.6	3257	10.	105025.9	-1308.2	3347	8.7	111254.5	-1358.5	3437	9.8	113815.8	-1359.6
3168	9.4	102920.9	-1311.8	3258	9.8	105038.4	-1346.4	3348	9.7	111255.1	-1320.8	3438	8.8	113816.9	-1341.0
3169	9.8	102921.2	-1328.2	3259	9.7	105048.3	-1333.4	3349	9.4	111256.6	-1348.4	3439	9.3	113826.7	-1309.6
3170	8.6	102923.8	-1305.5	3260	9.6	105053.8	-1341.0	3350	7.8	111256.9	-1305.5	3440	9.4	113831.9	-1303.9
3171	9.2	102930.9	-1325.6	3261	10.	105104.4	-1330.0	3351	9.8	111342.4	-1311.7	3441	9.3	113839.1	-1359.0
3172	8.5	102936.9	-1319.1	3262	10.	105118.7	-1325.8	3352	9.5	111344.1	-1341.3	3442	9.3	113928.4	-1318.0
3173	10.	103007.0	-1331.0	3263	9.9	105139.0	-1301.2	3353	8.0	111351.7	-1317.1	3443	9.7	113933.1	-1311.7
3174	9.9	103018.4	-1355.1	3264	10.	105204.7	-1314.1	3354	9.1	111411.1	-1354.4	3444	10.	113938.5	-1311.0
3175	10.	103033.6	-1347.9	3265	8.4	105214.6	-1323.8	3355	10.	111416.1	-1346.6	3445	9.8	114015.0	-1302.0
3176	9.1	103050.2	-1355.7	3266	9.0	105217.7	-1343.7	3356	9.4	111502.0	-1342.3	3446	9.3	114040.6	-1317.4
3177	9.5	103108.3	-1349.9	3267	9.8	105224.3	-1301.8	3357	9.0	111540.7	-1355.1	3447	9.3	114059.8	-1309.1
3178	9.5	103110.7	-1346.8	3268	9.7	105232.7	-1337.4	3358	9.4	111542.2	-1356.5	3448	7.0	114119.2	-1332.0
3179	9.8	103114.3	-1348.4	3269	9.1	105235.0	-1313.9	3359	8.2	111551.0	-1354.0	3449	9.7	114121.2	-1315.0
3180	8.7	103118.8	-1321.3	3270	9.8	105250.1	-1330.0	3360	10.	111615.1	-1305.6	3450	8.9	114121.8	-1301.2
3181	9.8	103158.5	-1320.4	3271	6.5	105259.0	-1318.3	3361	10.	111621.6	-1304.4	3451	9.8	114135.9	-1317.1
3182	9.0	103208.6	-1345.2	3272	10.	105339.0	-1319.1	3362	10.	111715.4	-1325.2	3452	10.	114230.4	-1309.5
3183	8.8	103223.2	-1322.7	3273	9.7	105345.6	-1331.6	3363	9.8	111737.9	-1323.8	3453	9.1	114255.1	-1333.7
3184	10.	103239.2	-1359.3	3274	9.1	105347.5	-1340.8	3364	9.0	111804.2	-1314.5	3454	9.8	114301.7	-1356.0
3185	9.0	103312.9	-1329.0	3275	9.3	105347.8	-1312.5	3365	7.2	111825.4	-1344.4	3455	8.2	114338.7	-1356.1
3186	9.5	103313.6	-1355.6	3276	9.4	105357.2	-1347.5	3366	9.8	111830.6	-1314.7	3456	10.	114416.4	-1302.8
3187	8.8	103336.7	-1326.6	3277	9.9	105359.7	-1345.3	3367	9.4	111908.8	-1337.7	3457	9.8	114442.7	-1312.2
3188	7.8	103357.0	-1336.2	3278	9.4	105420.2	-1334.4	3368	9.7	111937.0	-1307.1	3458	7.7	114505.3	-1319.5
3189	10.	103407.6	-1348.7	3279	9.2	105420.6	-1325.6	3369	9.5	111956.2	-1320.4	3459	9.3	114506.2	-1327.2
3190	9.2	103429.5	-1351.2	3280	10.	105422.2	-1335.9	3370	9.8	111959.4	-1345.7	3460	9.4	114510.4	-1355.3
3191	9.1	103438.5	-1358.8	3281	9.8	105427.0	-1318.7	3371	9.3	112018.8	-1324.0	3461	9.9	114531.7	-1327.9
3192	9.8	103438.8	-1333.3	3282	9.3	105440.8	-1343.6	3372	9.8	112028.7	-1329.2	3462	9.1	114535.6	-1353.8
3193	9.1	103439.1	-1357.5	3283	9.0	105445.6	-1342.5	3373	9.1	112044.1	-1354.7	3463	8.6	114556.5	-1347.3
3194	9.8	103449.0	-1350.0	3284	9.4	105517.6	-1352.8	3374	9.5	112130.8	-1349.9	3464	10.	114606.4	-1326.9
3195	9.2	103451.7	-1355.7	3285	9.5	105601.5	-1330.3	3375	9.8	112134.5	-1354.6	3465	9.0	114618.8	-1302.2
3196	7.0	103501.8	-1301.6	3286	9.8	105622.5	-1315.7	3376	9.8	112159.8	-1318.7	3466	9.1	114631.9	-1334.4
3197	6.2	103522.5	-1313.1	3287	10.	105655.1	-1316.5	3377	8.8	112201.9	-1300.4	3467	9.8	114652.2	-1313.6
3198	9.2	103532.6	-1352.8	3288	9.1	105703.3	-1328.7	3378	9.4	112254.7	-1352.4	3468	9.3	114708.4	-1325.8
3199	9.8	103533.2	-1342.8	3289	10.	105723.6	-1302.7	3379	8.7	112303.3	-1339.4	3469	9.8	114713.8	-1312.5
3200	9.3	103547.7	-1320.8	3290	10.	105736.7	-1310.2	3380	9.1	112309.7	-1336.8	3470	9.6	114721.7	-1313.2
3201	8.5	103555.5	-1359.1	3291	9.0	105754.5	-1326.4	3381	9.4	112315.7	-1352.9	3471	9.0	114813.0	-1331.5
3202	9.3	103622.8	-1315.9	3292	10.	105759.2	-1359.0	3382	10.	112342.8	-1307.7	3472	9.0	114815.6	-1304.4
3203	10.	103639.1	-1351.0	3293	9.8	105814.1	-1305.9	3383	9.1	112345.7	-1342.3	3473	8.6	114817.4	-1349.1
3204	9.1	103642.5	-1306.6	3294	10.	105829.0	-1318.8	3384	10.	112346.6	-1302.0	3474	9.0	114843.5	-1352.0
3205	9.1	103648.0	-1346.1	3295	10.	105829.1	-1349.4	3385	9.4	112409.6	-1320.9	3475	8.9	114859.6	-1316.2
3206	9.8	103700.0	-1333.7	3296	9.8	105839.4	-1328.1	3386	9.9	112409.6	-1301.1	3476	9.1	114901.0	-1353.4
3207	9.8	103701.9	-1323.5	3297	9.3	105856.5	-1324.8	3387	9.6	112417.8	-1307.3	3477	9.0	114906.5	-1353.5
3208	9.5	103807.2	-1305.7	3298	8.7	105858.9	-1321.4	3388	9.5	112442.7	-1351.4	3478	9.5	115012.9	-1346.1
3209	9.8	103854.6	-1300.4	3299	9.7	105919.4	-1319.6	3389	9.6	112450.7	-1342.3	3479	8.5	115035.3	-1318.3
3210	10.	103902.2	-1307.0	3300	8.5	105922.4	-1357.5	3390	9.5	112457.1	-1329.3	3480	9.3	115316.3	-1349.6
3211	9.1	103911.0	-1316.6	3301	9.5	105923.4	-1311.3	3391	10.	112512.3	-1355.4	3481	9.7	115316.5	-1312.1
3212	9.4	103917.4	-1328.8	3302	9.5	105924.5	-1346.5	3392	9.0	112514.6	-1325.4	3482	9.5	115323.4	-1352.1
3213	8.6	103935.0	-1319.0	3303	9.4	105924.5	-1335.3	3393	9.8	112558.2	-1350.1	3483	9.6	115343.9	-1308.0
3214	8.1	104018.0	-1312.9	3304	8.8	105933.3	-1310.0	3394	9.8	112603.1	-1317.3	3484	9.1	115420.8	-1340.2
3215	9.2	104051.8	-1340.8	3305	10.	105946.7	-1333.5	3395	9.4	112604.2	-1340.0	3485	8.5	115622.9	-1305.5
3216	10.	104100.1	-1310.8	3306	9.9	105946.7	-1324.5	3396	9.4	112624.8	-1354.3	3486	8.0	115736.3	-1343.1
3217	9.4	104103.5	-1323.4	3307	10.	110020.0	-1323.0	3397	8.5	112643.7	-1351.2	3487	9.0	115824.7	-1351.0
3218	9.1	104103.4	-1351.5	3308	9.0	110037.1	-1351.0	3398	9.8	112653.2	-1310.3	3488	9.4	115849.7	-1345.4
3219	9.1	104103.6	-1353.2	3309	9.7	110039.0	-1333.3	3399	9.0	112656.3	-1313.4	3489	9.4	115925.8	-1304.9
3220	9.7	104135.7	-1320.5	3310	9.6	110123.9	-1335.7	3400	8.2	112708.2	-1300.6	3490	9.6	120103.9	-1317.9
3221	9.5	104144.5	-1308.0	3311	9.8	110136.8	-1356.8	3401	10.	112728.1	-1357.1	3491	8.8	120149.0	-1303.3
3222	9.1	104155.9	-1326.1	3312	10.	110210.0	-1300.4	3402	9.5	112752.4	-1315.2	3492	9.5	120207.1	-1358.4
3223	8.7	104245.3	-1315.4	3313	10.	110219.1	-1309.1	3403	9.1	112758.0	-1300.8	3493	9.5	120259.0	-1326.5
3224	10.	104310.6	-1309.0	3314	9.2	110230.0	-1349.4	3404	9.7	112802.2	-1352.9	3494	9.5	120246.0	-1326.5
3225	10.	104329.5	-1307.4	3315	9.8	110253.3	-1317.4	3405	9.1	112811.6	-1352.9	3495	8.3	120258.6	-1302.0
3226	9.7	104335.0	-1318.2	3316	9.8	110300.5	-1344.5	3406	8.6	112818.8	-1339.5	3496	9.6	120300.5	-1343.8
3227	9.8	104340.5	-1341.5	3317	8.6	110301.1	-1331.0	3407	8.5	112823.1	-1347.2	3497	9.1	120306.0	-1333.3
3228	9.5	104358.9	-1333.9	3318	9.6	110328.2	-1337.7	3408	9.8	112838.0	-1330.2	3498	9.8	120357.4	-1314.3
3229	9.5	104404.0	-1306.5	3319	9.8	110357.5	-1349.1	3409	9.0	112908.7	-1306.2	3499	9.3	120401.2	-1308.4
3230	8.5	104404.5	-1301.9	3320	8.2	110450.3	-1320.1	3410	9.7	112919.5	-1311.2	3500	9.2	120436.9	-1307.8
3231	9.7	104419.9	-1314.4	3321	7.2	110534.7	-1308.3	3411	9.1	113022.5	-1301.2	3501	9.8	120513.8	-1307.9
3232	9.0	104427.0	-1304.5	3322	9.8	110537.6	-1316.7	3412	8.5	113023.3	-1352.0	3502	9.1	120529.6	-1326.3
3233	9.8	104428.6	-1318.6	3323	9.3	110544.4	-1303.3	3413	9.6	113057.5	-1340.9	3503	9.2	120539.3	-1328.3
3234	9.8	104433.6	-1311.4	3324	8.7	110602.2	-1300.7	3414	9.8	113109.2	-1301.8	3504	9.8	120622.2	-1352.4
3235	9.9	104446.1	-1313.6	3325	9.8	110627.9	-1358.4	3415	9.5	113119.0	-1351.5	3505	10.	120628.5	-1326.4
3236	9.0	104521.4	-1302.4	3326	9.5	110639.9	-1301.9	3416	9.7	113152.1	-1315.5	3506	9.2	120724.1	-1317.4
3237	9.8	104539.6	-1315.8	3327	9.3	110646.7	-1328.8	3417	8.9	113204.0	-1347.9	3507	9.4	120725.6	-1329.9
3238	9.9	104547.9	-1306.8	3328	9.9	110824.7	-1357.5	3418	9.6	113208.8	-1325.9	3508	7.0	120802.5	-1315.9
3239	9.1	104558.2	-1332.1	3329	9.7	110827.8	-1343.2	3419	9.5	113214.7	-1316.4	3509	7.2	120822.1	-1300.8
3240	9.5	104602.5	-1342.0	3330	9.2	110829.8	-1309.9	3420	6.5	113230.4	-1340.1	3510	9.4	120848.0	-1342.5
3241	9.7	104610.0	-1339.5	3331	9.8	110839.3	-1300.5	3421	10.	113312.6	-1307.8	3511	9.5	120901.5	-1344.8
3242	9.3	104615.4	-1335.7	3332	9.4	110847.7	-1342.7	3422	9.6	113330.1	-1310.4	3512	8.5	120908.6	-1340.7
3243	9.8	104632.9	-1340.7	3333	9.3	110909.8	-1354.0	3423	10.	113335.6	-1358.2	3513	9.3	121043.0	-1301.6
3244	9.5	104658.8	-1324.8	3334	7.8	110933.2	-1343.1	3424	9.1	113425.7	-1359.6	3514	7.6	121107.5	-1336.0
3245	9.7	104708.4	-1339.9	3335	9.2	110939.7	-1356.4	3425	9.4	113426.6	-1341.0	3515	9.2	121108.9	-1359.4
3246	9.2	104710.4	-1308.7	3336	9.7	110945.2	-1315.0	3426	9.5	113428.9	-1350.7	3516	9.4	121114.4	-1336.0
3247	8.6	104718.3	-1314.0	3337	9.6	110947.5	-1318.3	3427	9.4	113514.4	-1347.8	3517	9.4	121227.5	-1303.6

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3518	9.4	121235.9	-1307.8	3608	9.5	124415.8	-1341.9	3698	9.2	131630.1	-1345.2
3519	9.3	121240.6	-1332.7	3609	8.8	124417.7	-1316.1	3699	8.7	131639.9	-1320.7
3520	8.2	121241.1	-1318.8	3610	8.7	124434.3	-1314.7	3700	9.1	131640.4	-1349.5
3521	9.8	121323.3	-1324.1	3611	9.0	124507.5	-1354.3	3701	9.5	131651.0	-1311.9
3522	9.7	121343.3	-1312.1	3612	7.8	124522.8	-1349.5	3702	9.5	131652.6	-1301.8
3523	9.9	121347.0	-1305.9	3613	9.4	124602.3	-1340.8	3703	9.7	131726.1	-1316.7
3524	9.8	121350.7	-1311.4	3614	9.5	124615.6	-1304.0	3704	9.5	131742.4	-1340.2
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3526	9.2	121446.9	-1315.3	3616	9.3	124638.7	-1340.5	3706	9.5	131827.6	-1357.8
3527	9.3	121517.8	-1347.7	3617	8.5	124639.0	-1312.0	3707	9.3	131917.5	-1325.8
3528	7.5	121527.0	-1351.5	3618	9.7	124656.2	-1359.3	3708	9.8	131930.0	-1338.3
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3531	9.1	121652.7	-1338.5	3621	8.8	124752.2	-1318.9	3711	9.5	132045.1	-1353.7
3532	9.8	121737.8	-1347.5	3622	9.4	124857.6	-1343.1	3712	9.6	132101.3	-1349.5
3533	8.9	121759.4	-1359.5	3623	9.8	124906.5	-1312.5	3713	9.8	132101.6	-1324.2
3534	9.7	121902.2	-1336.5	3624	9.5	124924.9	-1359.9	3714	9.5	132105.5	-1332.2
3535	9.6	121904.1	-1333.9	3625	9.8	124953.5	-1315.3	3715	9.3	132153.7	-1310.8
3536	9.5	121911.8	-1329.5	3626	10.	124957.7	-1345.0	3716	8.7	132216.0	-1315.3
3537	9.3	121939.8	-1357.5	3627	8.7	125010.3	-1340.7	3717	8.9	132243.0	-1348.8
3538	9.5	122002.9	-1332.7	3628	8.2	125020.2	-1333.4	3718	9.8	132309.2	-1341.1
3539	9.9	122022.2	-1339.7	3629	9.5	125046.4	-1318.5	3719	9.8	132312.9	-1318.9
3540	7.0	122031.3	-1338.8	3630	9.6	125113.8	-1358.5	3720	9.0	132332.0	-1329.6
3541	9.4	122038.0	-1314.6	3631	9.1	125135.5	-1320.9	3721	9.2	132336.0	-1309.8
3542	9.3	122047.7	-1300.1	3632	9.4	125140.4	-1332.0	3722	9.3	132500.3	-1304.1
3543	10.	122113.1	-1329.8	3633	8.0	125219.4	-1324.5	3723	9.7	132500.3	-1302.1
3544	9.5	122210.5	-1324.8	3634	9.4	125240.7	-1327.6	3724	9.0	132506.6	-1303.0
3545	9.4	122302.6	-1352.7	3635	7.3	125248.1	-1306.8	3725	9.5	132522.8	-1336.5
3546	9.2	122416.8	-1355.8	3636	9.4	125314.4	-1345.2	3726	8.9	132540.9	-1330.1
3547	8.6	122421.2	-1355.2	3637	9.5	125317.9	-1342.5	3727	10.	132610.9	-1316.5
3548	9.4	122446.1	-1334.7	3638	10.	125319.6	-1337.1	3728	10.	132636.0	-1313.9
3549	9.3	122446.8	-1300.6	3639	9.6	125343.3	-1331.1	3729	9.3	132735.1	-1359.7
3550	9.6	122448.8	-1328.4	3640	9.4	125346.4	-1302.1	3730	10.	132810.8	-1305.6
3551	9.8	122449.9	-1359.2	3641	8.5	125419.7	-1302.7	3731	9.2	132828.2	-1352.7
3552	6.3	122506.5	-1303.4	3642	9.4	125435.0	-1319.8	3732	9.5	132829.7	-1346.0
3553	9.6	122526.6	-1327.2	3643	9.6	125511.5	-1304.2	3733	9.5	132943.8	-1341.1
3554	9.4	122527.9	-1353.0	3644	8.5	125516.8	-1348.2	3734	8.8	132956.4	-1359.3
3555	9.5	122528.9	-1331.8	3645	9.2	125520.2	-1349.3	3735	9.4	132956.8	-1336.0
3556	9.7	122557.1	-1352.3	3646	9.4	125530.9	-1325.6	3736	8.8	133016.3	-1329.4
3557	9.1	122632.4	-1350.2	3647	9.7	125551.3	-1341.4	3737	7.8	133017.0	-1351.2
3558	9.5	122643.1	-1306.3	3648	9.2	125632.7	-1302.9	3738	9.1	133052.4	-1301.7
3559	9.3	122652.3	-1307.5	3649	9.2	125702.3	-1332.7	3739	8.6	133107.6	-1350.6
3560	9.1	122712.1	-1326.0	3650	9.6	125750.8	-1311.5	3740	9.5	133108.9	-1357.7
3561	9.5	122742.9	-1351.0	3651	6.8	125813.9	-1320.2	3741	9.1	133111.4	-1304.0
3562	9.8	122802.8	-1346.0	3652	9.3	125851.4	-1359.9	3742	9.1	133111.9	-1333.5
3563	9.5	122834.0	-1305.5	3653	9.9	125901.2	-1355.7	3743	9.5	133157.7	-1348.5
3564	9.8	122837.8	-1320.0	3654	9.1	125906.7	-1313.0	3744	9.8	133239.6	-1346.5
3565	9.9	122837.9	-1314.6	3655	9.4	125958.8	-1328.0	3745	9.5	133254.3	-1314.1
3566	9.4	123002.2	-1359.0	3656	7.8	130001.7	-1324.9	3746	9.7	133312.6	-1347.8
3567	9.7	123010.7	-1357.4	3657	8.5	130024.0	-1330.9	3747	9.8	133324.7	-1302.2
3568	0.	123036.7	-1301.3	3658	9.5	130032.7	-1340.3	3748	9.4	133357.7	-1309.6
3569	8.2	123045.4	-1315.5	3659	9.3	130042.3	-1303.6	3749	10.	133406.4	-1333.8
3570	0.	123100.8	-1351.5	3660	10.	130114.7	-1322.3	3750	9.0	133406.6	-1341.1
3571	9.2	123106.6	-1325.6	3661	8.8	130142.1	-1335.8	3751	10.	133423.6	-1352.1
3572	9.5	123138.7	-1328.3	3662	9.4	130254.9	-1320.4	3752	9.6	133427.3	-1355.9
3573	9.8	123142.4	-1318.1	3663	7.5	130335.6	-1328.2	3753	9.5	133428.4	-1333.8
3574	9.3	123152.7	-1359.8	3664	9.5	130336.2	-1304.5	3754	9.5	133429.3	-1341.1
3575	9.3	123248.0	-1313.8	3665	7.0	130343.3	-1311.3	3755	8.8	133431.1	-1324.8
3576	9.9	123257.2	-1324.7	3666	9.3	130359.1	-1348.1	3756	8.8	133539.6	-1329.9
3577	6.9	123302.8	-1318.0	3667	9.5	130503.0	-1330.8	3757	9.2	133550.6	-1330.3
3578	9.6	123327.6	-1358.6	3668	9.5	130518.8	-1321.3	3758	9.5	133609.0	-1336.8
3579	9.4	123408.0	-1317.2	3669	9.5	130559.2	-1300.7	3759	9.5	133639.1	-1337.4
3580	9.6	123427.9	-1344.3	3670	9.4	130614.5	-1341.9	3760	9.2	133653.5	-1344.9
3581	10.	123454.3	-1314.0	3671	7.5	130631.0	-1330.7	3761	6.8	133659.1	-1329.2
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3584	9.2	123541.3	-1327.5	3674	9.5	130737.0	-1331.4	3764	9.1	133720.3	-1322.5
3585	9.8	123558.6	-1358.0	3675	9.4	130814.3	-1345.4	3765	8.2	133828.1	-1318.1
3586	7.0	123600.5	-1303.6	3676	9.7	130821.9	-1317.4	3766	9.1	133831.5	-1341.7
3587	9.8	123600.7	-1307.8	3677	9.5	130823.0	-1346.5	3767	10.	133841.6	-1303.9
3588	10.	123609.2	-1346.6	3678	9.7	130825.5	-1349.6	3768	9.8	133843.4	-1316.7
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3590	9.1	123645.8	-1307.4	3680	9.5	130829.4	-1353.9	3770	8.9	134004.9	-1324.2
3591	9.4	123849.4	-1330.8	3681	9.4	130902.1	-1302.4	3771	10.	134028.0	-1303.9
3592	8.3	123843.4	-1323.1	3682	8.8	131016.0	-1318.5	3772	9.3	134111.0	-1349.9
3593	9.5	123908.6	-1309.5	3683	9.1	131028.0	-1300.8	3773	10.	134119.5	-1345.1
3594	9.5	123929.2	-1305.2	3684	9.0	131029.5	-1312.6	3774	9.0	134132.0	-1318.7
3595	9.4	123939.7	-1358.1	3685	9.2	131034.9	-1348.2	3775	9.3	134146.8	-1337.9
3596	9.1	123957.0	-1357.1	3686	9.2	131101.2	-1311.4	3776	10.	134221.5	-1346.4
3597	9.5	124014.3	-1315.1	3687	9.3	131124.7	-1351.8	3777	10.	134226.9	-1303.4
3598	8.8	124102.4	-1337.2	3688	8.8	131132.4	-1358.8	3778	10.	134304.6	-1337.0
3599	9.5	124204.9	-1355.4	3689	9.0	131344.8	-1343.3	3779	9.5	134316.8	-1321.6
3600	9.5	124218.6	-1302.9	3690	9.2	131359.2	-1312.6	3780	9.5	134323.7	-1324.6
3601	10.	124223.7	-1314.8	3691	9.2	131421.4	-1306.5	3781	9.0	134343.0	-1331.3
3602	9.4	124244.5	-1358.8	3692	6.5	131424.7	-1339.5	3782	7.2	134427.5	-1357.3
3603	9.6	124249.2	-1352.8	3693	9.5	131426.2	-1336.2	3783	9.0	134442.9	-1333.1
3604	9.2	124304.3	-1352.8	3694	9.4	131445.7	-1340.7	3784	10.	134506.4	-1350.1
3605	9.6	124315.9	-1357.0	3695	9.9	131503.9	-1310.0	3785	10.	134535.6	-1310.5
3606	9.2	124325.1	-1307.1	3696	9.2	131612.2	-1346.5	3786	7.2	134603.1	-1356.6
3607	9.1	124337.8	-1352.4	3697	8.9	131624.3	-1307.6	3787	9.7	134615.7	-1314.1
3698	9.2	131630.1	-1345.2	3788	9.4	134626.5	-1323.9				
3699	8.7	131639.9	-1320.7	3789	9.1	134719.2	-1330.1				
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3701	9.5	131651.0	-1311.9	3791	9.2	134723.3	-1314.9				
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3704	9.5	131742.4	-1340.2	3794	9.2	134840.0	-1311.1				
3705	9.2	131803.7	-1319.6	3795	8.5	134859.8	-1310.0				
3706	9.5	131827.6	-1357.8	3796	9.6	134906.5	-1355.7				
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3710	9.3	132001.4	-1343.2	3800	9.3	135022.5	-1319.1				
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3714	9.5	132105.5	-1332.2	3804	9.1	135215.0	-1300.9				
3715	9.3	132153.7	-1310.8	3805	9.1	135235.5	-1331.5				
3716	8.7	132216.0	-1315.3	3806	9.6	135334.4	-1326.7				
3717	8.9	132243.0	-1348.8	3807	9.5	135346.9	-1336.2				
3718	9.8	132309.2	-1341.1	3808	10.	135347.6	-1324.7				
3719	9.8	132312.9	-1318.9	3809	9.8	135403.4	-1325.0				
3720	9.0	132332.0	-1329.6	3810	9.8	135432.3	-1359.6				
3721	9.2	132336.0	-1309.8	3811	8.7	135444.4	-1339.5				
3722	9.3	132500.3	-1304.1	3812	10.	135453.4	-1345.4				
3723	9.7	132500.3	-1302.1	3813	9.4	135600.7	-1312.7				
3724	9.0	132506.6	-1303.0	3814	9.5	135606.9	-1303.3				
3725	9.5	132522.8	-1336.5	3815	9.8	135616.9	-1303.3				
3726	8.9	132540.9	-1330.1	3816	9.8	135639.8	-1342.0				
3727	10.	132610.9	-1316.5	3817	10.	135645.3	-1314.9				
3728	10.	132636.0	-1313.9	3818	8.4	135649.8	-1327.9				
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3730	10.	132810.8	-1305.6	3820	10.	135656.4	-1359.2				
3731	9.2	132828.2	-1352.7	3821	9.4	135706.2	-1354.3				
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3733	9.5	132943.8	-1341.1	3823	9.5	135842.1	-1353.0				
3734	8.8	132956.4	-1359.3	3824	7.0	135851.7	-1330.6				
3735	9.4	132956.8	-1336.0	3825	8.6	135855.8	-1324.0				
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3737	7.8	133017.0	-1351.2	3827	9.5	135926.5	-1301.1				
3738	9.1	133052.4	-1301.7	3828	9.8	135955.8	-1326.0				
3739	8.6	133107.6	-1350.6	3829	8.8	140019.7	-1338.9				
3740	9.5	133108.9	-1357.7	3830	9.5	140042.2	-1345.9				
3741	9.1	133111.4	-1304.0	3831	10.	140045.2	-1350.9				
3742	9.1	133111.9	-1333.5	3832	9.2	140104.5	-1318.3				
3743	9.5	133157.7	-1348.5	3833	8.0	140229.2	-1331.6				
3744	9.8	133239.6	-1346.5	3834	9.7	140239.4	-1314.3				
3745	9.5	133254.3	-1314.1	3835	9.5	140309.6	-1352.4				
3746	9.7	133312.6	-1347.8	3836	9.7	140317.8	-1355.5				
3747	9.8	133324.7	-1302.2	3837	9.6	140321.0	-1301.6				
3748	9.4	133357.7	-1309.6	3838	10.	140340.8	-1300.3				
3749	10.	133406.4	-1333.8	3839	9.8	140341.6	-1344.8				
3750	9.0	133406.6	-1341.1	3840	10.	140413.8	-1300.8				
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3753	9.5	133428.4	-1333.8	3843	8.5	140504.1	-1329.4				
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3755	8.8	133431.1	-1324.8	3845	7.0	140519.3	-1310.4				
3756	8.8	133539.6	-1329.9	3846	8.5	140527.1	-1308.0				
3757	9.2	133550.6	-1330.3	3847	9.6	140622.5	-1349.8				
3758	9.5	133609.0	-1336.8	3848	9.3	140636.0	-1358.1				
3759	9.5	133639.1	-1337.4	3849	9.6	140637.2	-1348.8				
3760	9.2	133653.5	-1344.9	3850	9.6	140654.1	-1305.2				
3761	6.8	133659.1	-1329.2	3851	10.	140705.0	-1351.5				
3762	9.5	133711.4	-1352.3	3852	9.9	140710.5	-1320.3				
3763	8.9	133719.2	-1307.8	3853	9.7	140713.1	-1332.4				
3764	9.1	133720.3	-1322.5	3854	10.	140745.6	-1324.7				
3765	8.2	133828.1	-1318.1	3855	9.6	140748.1	-1315.8				
3766	9.1	133831.5	-1341.7	3856	9.4	140757.2	-1322.2				
3767	10.	133841.6	-1303.9	3857	9.7	140758.1	-1314.9				
3768	9.8	133843.4	-1316.7	3858	9.4	140800.1	-1302.4				
3769	8.5	133942.3	-1355.8	3859	9.2	140804.3	-1355.4				
3770	8.9	134004.9	-1324.2	3860	9.9	140812.9	-1352.1				
3771	10.	134028.0	-1303.9	3861	9.0	140823.1	-1336.2				
3772	9.3	134111.0	-1349.9	3862	9.2	140823.9	-1353.6				
3773	10.	134119.5	-1345.1	3863	8.9	140853.7	-1304.0				
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3775	9.3	134146.8	-1337.9	3865	8.5	140934.2	-1317.9				
3776	10.	134221.5	-1346.4	3866	9.5	141000.4	-1309.8				
3777	10.	134226.9	-1303.4	3867	9.2	141102.1	-1320.7				
3778	10.	134304.6	-1337.0	3868	8.0	141112.3	-1351.3				
3779	9.5	134316.8	-1321.6	3869	8.0	141122.9	-1344.1				
3780	9.5	134323.7	-1324.6	3870	9.1	141133.5	-1300.5				
3781	9.0	134343.0	-1331.3	3871	9.5	141135.4	-1304.6				
3782	7.2	134427.5	-1357.3	3872	10.	141140.8	-1350.4				
3783	9.0	134442.9	-1333.1	3873	8.0	141141.1	-1302.7				
3784	10.	134506.4	-1350.1	3874	9.5	141149.5	-1307.2				
3785	10.	134535.6	-1310.5	3875	10.	141210.1	-1310.6				
3786	7.2	134603.1	-1356.6	3876	10.	141217.1	-1336.0				
3787	9.7	134615.7	-1314.1	3877	9.9	141228.9	-1337.3				

-13 3878 14h12m

3878	9.8	141242.4	-1307.9	3968	9.6	143711.7	-1339.2	4058	9.1	145604.5	-1308.9	4148	7.5	151527.7	-1349.5
3879	9.9	141334.3	-1351.8	3969	9.6	143718.7	-1329.0	4059	9.9	145616.5	-1309.5	4149	10.	151536.2	-1347.1
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3881	9.8	141343.9	-1349.8	3971	9.2	143725.1	-1300.3	4061	10.	145708.2	-1321.2	4151	8.4	151554.0	-1315.5
3882	9.0	141404.4	-1304.8	3972	9.0	143738.3	-1325.6	4062	9.3	145719.0	-1314.7	4152	7.7	151602.5	-1347.2
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3885	10.	141530.2	-1320.2	3975	9.4	143815.8	-1307.2	4065	8.7	145802.1	-1341.5	4155	9.5	151712.0	-1332.7
3886	8.7	141545.9	-1302.8	3976	9.4	143816.7	-1333.0	4066	9.6	145845.3	-1310.7	4156	9.8	151720.9	-1334.6
3887	8.9	141557.4	-1359.2	3977	9.9	143837.2	-1336.4	4067	9.5	145907.5	-1348.7	4157	8.8	151731.8	-1326.8
3888	9.9	141607.3	-1318.0	3978	9.4	143839.8	-1317.7	4068	9.3	145919.9	-1324.6	4158	8.9	151732.6	-1312.7
3889	9.8	141614.2	-1350.8	3979	10.	143844.1	-1354.5	4069	9.1	145924.4	-1300.6	4159	9.0	151736.5	-1334.4
3890	9.6	141629.0	-1351.0	3980	9.0	143915.5	-1312.7	4070	10.	145939.5	-1347.7	4160	9.8	151746.8	-1331.4
3891	7.7	141644.6	-1324.8	3981	9.8	143948.7	-1333.3	4071	9.5	145945.6	-1344.1	4161	9.4	151820.6	-1348.6
3892	9.5	141645.9	-1343.6	3982	9.4	144011.6	-1354.0	4072	9.4	150007.2	-1317.0	4162	9.0	151826.4	-1358.1
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3895	8.5	141732.6	-1325.5	3985	9.8	144119.6	-1344.7	4075	10.	150020.0	-1348.2	4165	9.3	151849.6	-1318.9
3896	9.8	141749.7	-1332.9	3986	6.0	144122.3	-1332.4	4076	9.8	150027.5	-1348.2	4166	10.	151907.7	-1359.2
3897	10.	141830.7	-1333.2	3987	9.8	144126.8	-1311.2	4077	10.	150039.7	-1339.1	4167	9.8	151915.6	-1317.1
3898	9.2	141926.9	-1319.8	3988	9.4	144130.2	-1302.8	4078	9.7	150041.4	-1316.2	4168	9.0	151928.0	-1306.9
3899	9.3	141944.3	-1359.6	3989	9.4	144136.6	-1354.5	4079	10.	150058.2	-1301.7	4169	9.5	152001.6	-1336.1
3900	9.8	141953.2	-1306.6	3990	9.8	144156.8	-1357.9	4080	10.	150058.3	-1307.8	4170	9.0	152005.5	-1300.7
3901	9.3	141956.6	-1345.6	3991	9.8	144230.0	-1318.0	4081	7.5	150103.2	-1326.2	4171	9.8	152021.0	-1306.1
3902	8.8	142005.2	-1343.8	3992	9.8	144302.6	-1337.4	4082	9.5	150103.5	-1347.8	4172	9.2	152026.5	-1322.9
3903	9.9	142010.3	-1333.5	3993	10.	144312.6	-1306.8	4083	9.7	150114.5	-1343.6	4173	10.	152109.0	-1309.4
3904	9.8	142036.2	-1343.8	3994	7.5	144318.7	-1300.1	4084	9.4	150131.2	-1345.9	4174	9.0	152113.5	-1355.9
3905	10.	142043.9	-1300.6	3995	10.	144330.5	-1307.2	4085	10.	150135.6	-1342.0	4175	9.2	152138.1	-1335.0
3906	9.1	142050.9	-1359.8	3996	9.3	144338.6	-1321.5	4086	8.9	150135.9	-1300.4	4176	9.7	152140.9	-1357.8
3907	9.0	142103.2	-1306.8	3997	10.	144359.0	-1346.0	4087	9.1	150136.3	-1335.1	4177	9.5	152205.5	-1336.8
3908	9.3	142128.6	-1339.6	3998	9.5	144404.7	-1309.3	4088	9.3	150150.5	-1349.3	4178	9.4	152209.5	-1317.2
3909	8.6	142142.3	-1310.8	3999	10.	144413.1	-1334.2	4089	9.1	150219.0	-1342.3	4179	9.0	152221.0	-1330.1
3910	10.	142145.8	-1327.0	4000	10.	144418.2	-1358.7	4090	9.5	150227.9	-1353.5	4180	9.0	152230.2	-1311.1
3911	9.0	142215.1	-1337.9	4001	9.5	144420.1	-1325.6	4091	10.	150231.3	-1307.8	4181	9.6	152254.1	-1356.7
3912	9.0	142231.9	-1357.7	4002	10.	144427.9	-1352.8	4092	10.	150251.3	-1352.8	4182	8.6	152314.6	-1341.5
3913	10.	142237.8	-1337.8	4003	9.0	144441.6	-1323.4	4093	10.	150312.8	-1326.0	4183	8.5	152329.1	-1349.2
3914	10.	142247.4	-1334.6	4004	9.5	144446.4	-1346.6	4094	9.4	150313.2	-1336.8	4184	9.3	152337.0	-1348.0
3915	10.	142313.3	-1353.7	4005	9.5	144522.4	-1359.6	4095	9.2	150319.0	-1340.4	4185	8.8	152346.1	-1342.9
3916	9.4	142313.6	-1336.9	4006	9.5	144538.9	-1349.4	4096	10.	150321.4	-1347.4	4186	9.6	152403.6	-1307.8
3917	9.8	142316.7	-1343.9	4007	9.8	144555.0	-1330.3	4097	9.4	150334.9	-1342.5	4187	9.6	152436.2	-1304.8
3918	9.1	142332.3	-1301.4	4008	9.2	144556.9	-1313.2	4098	9.2	150343.0	-1303.8	4188	9.2	152436.4	-1358.6
3919	9.7	142347.6	-1321.2	4009	9.6	144600.4	-1349.2	4099	10.	150345.7	-1301.6	4189	9.4	152437.6	-1353.2
3920	10.	142419.0	-1351.0	4010	9.4	144637.9	-1340.1	4100	9.2	150350.0	-1338.0	4190	9.4	152458.5	-1340.4
3921	9.2	142427.1	-1331.2	4011	9.3	144646.6	-1307.0	4101	9.8	150408.1	-1312.8	4191	9.6	152506.0	-1342.7
3922	10.	142448.0	-1327.0	4012	10.	144721.0	-1349.3	4102	8.2	150412.9	-1350.4	4192	9.0	152531.9	-1301.0
3923	8.7	142539.5	-1326.3	4013	9.9	144725.3	-1349.1	4103	9.2	150414.5	-1337.9	4193	7.3	152559.5	-1344.2
3924	8.7	142541.0	-1341.4	4014	9.8	144748.1	-1345.0	4104	10.	150450.8	-1300.2	4194	9.5	152601.7	-1356.1
3925	9.4	142543.8	-1315.7	4015	7.8	144757.0	-1318.5	4105	8.6	150452.5	-1310.4	4195	9.4	152604.9	-1315.1
3926	9.2	142705.7	-1312.3	4016	10.	144758.0	-1356.0	4106	9.6	150511.7	-1317.6	4196	9.4	152605.6	-1314.4
3927	9.0	142706.9	-1353.5	4017	9.5	144813.4	-1350.8	4107	7.5	150546.6	-1328.3	4197	9.4	152625.0	-1347.7
3928	10.	142740.1	-1308.9	4018	9.7	144825.7	-1356.6	4108	9.7	150549.0	-1331.2	4198	9.5	152637.3	-1338.3
3929	9.8	142750.0	-1337.5	4019	9.3	144829.6	-1331.1	4109	9.2	150603.7	-1308.7	4199	9.7	152658.0	-1338.9
3930	9.8	142755.0	-1344.0	4020	8.5	144840.3	-1330.7	4110	9.2	150603.9	-1340.1	4200	8.7	152702.4	-1311.1
3931	8.5	142824.5	-1323.3	4021	9.8	144842.9	-1324.2	4111	7.0	150618.1	-1339.6	4201	9.8	152709.5	-1348.8
3932	9.4	142847.0	-1326.4	4022	8.9	144843.4	-1333.0	4112	9.7	150631.3	-1346.2	4202	9.4	152727.0	-1323.1
3933	9.8	142859.8	-1350.5	4023	9.2	144851.8	-1354.1	4113	9.0	150640.6	-1320.1	4203	9.4	152730.4	-1358.3
3934	9.9	142937.0	-1307.9	4024	8.9	144855.9	-1339.4	4114	10.	150646.3	-1350.1	4204	9.7	152742.2	-1310.8
3935	10.	142950.2	-1300.2	4025	9.9	144926.8	-1348.0	4115	9.4	150657.2	-1304.3	4205	9.5	152749.4	-1308.9
3936	9.5	143028.9	-1333.1	4026	8.8	144936.5	-1307.0	4116	9.4	150735.8	-1335.2	4206	9.4	152813.7	-1318.6
3937	9.5	143122.6	-1303.5	4027	10.	145005.6	-1301.2	4117	9.0	150748.9	-1349.3	4207	9.9	152824.7	-1352.1
3938	8.5	143144.9	-1327.3	4028	8.8	145018.6	-1314.4	4118	9.6	150750.8	-1315.3	4208	8.4	152834.2	-1314.0
3939	8.3	143145.9	-1320.9	4029	10.	145019.1	-1301.5	4119	9.4	150818.5	-1316.5	4209	10.	152906.3	-1307.5
3940	9.4	143158.9	-1316.9	4030	9.8	145024.4	-1331.8	4120	9.9	150829.3	-1336.0	4210	8.5	152909.9	-1337.7
3941	9.5	143201.9	-1318.5	4031	9.5	145040.0	-1307.7	4121	9.6	150842.6	-1353.1	4211	8.4	152923.9	-1310.6
3942	9.1	143220.4	-1327.8	4032	10.	145054.4	-1301.1	4122	9.8	150853.7	-1359.5	4212	8.5	153007.4	-1337.7
3943	9.3	143225.1	-1346.1	4033	9.3	145134.9	-1328.0	4123	9.9	150908.5	-1333.1	4213	9.8	153033.4	-1326.6
3944	7.0	143235.9	-1325.1	4034	9.8	145139.5	-1302.3	4124	9.8	150927.3	-1316.8	4214	9.9	153041.3	-1328.6
3945	9.5	143309.4	-1306.9	4035	9.5	145144.9	-1311.4	4125	9.5	150928.8	-1319.2	4215	9.6	153109.9	-1342.7
3946	10.	143320.0	-1306.7	4036	9.5	145220.0	-1301.6	4126	9.5	150943.8	-1350.6	4216	8.3	153122.8	-1325.5
3947	8.2	143324.6	-1318.1	4037	9.3	145228.9	-1333.7	4127	9.2	150944.7	-1336.1	4217	9.0	153139.3	-1325.1
3948	9.5	143332.3	-1328.6	4038	10.	145240.2	-1351.4	4128	8.6	151103.2	-1347.7	4218	8.7	153144.9	-1334.9
3949	9.0	143333.0	-1250.3	4039	9.7	145247.4	-1311.0	4129	9.1	151154.8	-1352.1	4219	8.3	153206.0	-1307.5
3950	9.8	143338.9	-1311.1	4040	9.8	145308.9	-1307.7	4130	9.5	151155.7	-1330.4	4220	9.8	153220.4	-1344.8
3951	9.5	143339.5	-1338.7	4041	9.4	145317.0	-1316.8	4131	9.5	151209.8	-1343.7	4221	0.	153230.9	-1340.6
3952	9.4	143339.8	-1356.4	4042	10.	145340.9	-1306.4	4132	9.1	151220.2	-1326.8	4222	9.7	153236.8	-1305.5
3953	9.5	143348.7	-1359.7	4043	9.8	145342.2	-1355.2	4133	9.6	151244.2	-1338.0	4223	9.0	153239.4	-1322.9
3954	10.	143350.9	-1314.6	4044	9.6	145352.1	-1353.8	4134	9.0	151303.7	-1317.6	4224	9.3	153242.0	-1321.1
3955	9.9	143355.8	-1321.1	4045	9.6	145352.8	-1311.7	4135	10.	151330.3	-1341.8	4225	9.4	153306.1	-1311.2
3956	9.9	143358.0	-1302.0	4046	9.5	145359.4	-1309.7	4136	9.7	151343.6	-1301.8	4226	7.2	153311.8	-1329.8
3957	8.2	143407.6	-1313.6	4047	10.	145413.1	-1334.6	4137	9.5	151349.1	-1317.6	4227	9.5	153316.4	-1347.5
3958	9.9	143415.2	-1354.3	4048	9.7	145416.5	-1320.0	4138	9.8	151353.0	-1319.8	4228	9.8	153342.8	-1328.4
3959	9.1	143418.9	-1314.8	4049	9.4	145429.7	-1319.1	4139	8.7	151421.1	-1359.3	4229	9.5	153404.3	-1345.8
3960	9.8	143435.3	-1330.7	4050	9.9	145437.4	-1313.3	4140	9.8	151422.1	-1356.5	4230	9.8	153448.9	-1342.3
3961	9.5	143508.2	-1339.7	4051	9.2	145438.9	-1355.9	4141	9.8	151441.8	-1342.8	4231	9.4	153457.0	-1312.4
3962	9.8	143527.5	-1349.2	4052	9.8	145440.2	-1350.0	4142	9.3	151447.2	-1349.8	4232	8.0	153506.7	-1305.4
3963	10.	143621.8	-1359.4	4053	10.	145513.0	-1322.9	4143	9.0	151449.1	-1304.2	4233	10.	153522.3	-1325.8
3964	9.6	143646.2	-1335.7	4054	10.	145514.6	-1333.8	4144	8.7	151450.1	-1316.2	4234	8.5	153545.3	-1334.1
3965	9.0	143650.8	-1313.3	4055	9.8	145529.8	-1356.6	4145	8.8	151513.6	-1324.3	4235	9.5	153549.8	-1340.1
3966	10.	143652.0	-1353.3	4056	10.	145549.2	-1317.2	4146	9.5	151514.9	-1355.6	4236	9.5	153550.6	-1326.5
3967	8.9	143653.9	-1344.6	4057	9.9	145555.7	-1325.8	4147	9.5	151515.4	-1326.6	4237	9.6	153635.8	-1340.8

-13 4237 15h36m

-13 4238 15h37m

-13 4597 17h14m

4238	9.5	153706.3	-1349.8	4328	9.5	155543.2	-1347.5	4418	8.3	161613.8	-1317.6	4508	9.0	164036.3	-1303.1
4239	9.1	153724.8	-1319.7	4329	9.3	155605.0	-1326.7	4419	8.9	161657.6	-1342.2	4509	9.3	164115.7	-1313.4
4240	9.5	153725.4	-1352.9	4330	9.2	155611.5	-1321.8	4420	9.4	161703.9	-1315.6	4510	9.1	164120.6	-1323.8
4241	9.4	153739.6	-1319.0	4331	8.8	155622.0	-1355.1	4421	9.8	161708.7	-1330.2	4511	9.3	164248.7	-1326.6
4242	10.	153756.3	-1331.0	4332	10.	155645.7	-1357.7	4422	10.	161725.1	-1313.8	4512	8.3	164306.6	-1320.5
4243	9.6	153816.5	-1313.5	4333	9.8	155658.4	-1326.5	4423	9.4	161732.0	-1325.5	4513	9.3	164333.6	-1311.9
4244	9.3	153826.3	-1315.2	4334	9.9	155736.3	-1335.0	4424	8.9	161743.1	-1341.1	4514	8.9	164432.0	-1346.2
4245	9.4	153829.2	-1332.5	4335	9.4	155759.9	-1315.5	4425	9.2	161752.6	-1347.4	4515	9.1	164441.4	-1306.8
4246	9.8	153906.8	-1308.0	4336	8.2	155800.6	-1329.6	4426	9.3	161807.9	-1317.2	4516	10.	164554.0	-1348.1
4247	9.4	153908.3	-1326.0	4337	7.8	155824.9	-1354.8	4427	9.2	161826.0	-1352.3	4517	9.5	164636.4	-1327.6
4248	9.2	153932.7	-1333.5	4338	9.5	155832.9	-1344.1	4428	10.	161828.6	-1349.9	4518	9.9	164701.8	-1301.1
4249	9.6	153942.2	-1355.2	4339	9.0	155839.6	-1331.5	4429	8.5	161841.5	-1330.8	4519	9.0	164727.2	-1335.3
4250	9.8	154014.7	-1324.3	4340	9.4	155839.9	-1352.9	4430	8.9	161902.4	-1318.3	4520	9.7	164751.4	-1317.8
4251	9.6	154017.8	-1351.5	4341	9.5	155854.8	-1314.4	4431	9.6	161910.6	-1354.3	4521	9.7	164814.6	-1327.4
4252	7.0	154021.6	-1302.5	4342	7.0	155858.4	-1340.4	4432	9.4	161915.9	-1311.4	4522	9.3	164842.3	-1326.9
4253	9.5	154113.1	-1309.4	4343	9.5	155901.3	-1325.0	4433	9.1	161929.1	-1348.9	4523	9.8	164843.4	-1305.6
4254	9.5	154118.1	-1305.2	4344	8.8	155933.8	-1306.7	4434	10.	161936.6	-1347.6	4524	10.	164925.2	-1328.9
4255	8.2	154118.6	-1331.3	4345	9.3	155938.8	-1317.5	4435	9.0	162005.5	-1329.3	4525	9.8	164940.0	-1322.5
4256	9.5	154131.7	-1326.0	4346	8.5	160005.4	-1332.7	4436	9.3	162006.5	-1337.6	4526	8.9	165013.6	-1309.3
4257	9.2	154137.2	-1301.5	4347	7.5	160010.8	-1322.2	4437	6.8	162021.6	-1303.9	4527	10.	165250.7	-1321.9
4258	9.7	154140.6	-1301.7	4348	10.	160034.7	-1311.6	4438	10.	162053.4	-1305.6	4528	7.0	165301.2	-1320.1
4259	9.4	154141.1	-1311.0	4349	9.0	160048.9	-1357.4	4439	9.5	162054.8	-1319.7	4529	9.8	165302.4	-1345.0
4260	8.0	154156.2	-1336.4	4350	9.5	160052.4	-1342.9	4440	7.2	162117.8	-1314.7	4530	9.6	165335.7	-1352.6
4261	9.4	154217.1	-1302.4	4351	9.1	160117.4	-1353.0	4441	9.1	162121.9	-1328.9	4531	8.4	165342.5	-1309.4
4262	9.2	154221.2	-1357.5	4352	9.7	160118.8	-1304.3	4442	9.4	162139.4	-1357.2	4532	9.5	165417.3	-1321.0
4263	9.5	154251.6	-1318.1	4353	9.6	160142.8	-1338.5	4443	9.4	162148.0	-1353.5	4533	9.3	165442.3	-1346.1
4264	9.8	154252.5	-1358.8	4354	10.	160154.6	-1339.1	4444	9.5	162157.5	-1327.9	4534	9.4	165505.3	-1352.9
4265	9.7	154255.2	-1332.7	4355	9.5	160206.9	-1337.6	4445	10.	162234.4	-1301.3	4535	10.	165555.4	-1326.3
4266	9.8	154258.9	-1317.6	4356	8.9	160211.6	-1317.8	4446	9.8	162311.2	-1315.4	4536	8.7	165615.2	-1351.3
4267	9.8	154311.9	-1314.1	4357	9.1	160237.8	-1307.4	4447	9.4	162319.5	-1317.2	4537	9.6	165624.6	-1315.5
4268	9.8	154323.7	-1308.8	4358	9.1	160238.3	-1324.0	4448	9.7	162338.0	-1356.2	4538	9.5	165649.7	-1320.1
4269	6.5	154333.7	-1341.7	4359	9.6	160241.6	-1316.6	4449	9.3	162349.4	-1351.5	4539	9.5	165649.8	-1310.6
4270	9.3	154405.9	-1317.9	4360	9.3	160255.2	-1317.6	4450	9.3	162355.1	-1331.5	4540	8.9	165652.6	-1357.9
4271	9.6	154420.6	-1326.5	4361	8.0	160256.8	-1336.5	4451	9.7	162438.8	-1316.2	4541	9.6	165708.5	-1322.8
4272	9.8	154432.7	-1346.8	4362	9.4	160304.8	-1327.8	4452	9.5	162503.0	-1319.9	4542	9.0	165745.9	-1328.5
4273	9.9	154442.1	-1309.1	4363	9.7	160307.2	-1315.7	4453	8.5	162519.5	-1351.4	4543	7.3	165817.2	-1343.8
4274	9.3	154447.6	-1310.8	4364	9.8	160324.8	-1348.6	4454	9.1	162625.4	-1330.2	4544	8.9	165910.2	-1332.7
4275	10.	154502.6	-1305.3	4365	9.4	160328.8	-1314.5	4455	9.8	162809.9	-1332.3	4545	9.0	165922.5	-1356.9
4276	9.0	154511.6	-1309.6	4366	10.	160333.7	-1312.1	4456	9.1	162818.8	-1304.6	4546	9.2	165952.8	-1315.8
4277	9.0	154515.6	-1305.5	4367	9.1	160334.3	-1335.6	4457	8.8	162826.7	-1318.0	4547	9.1	170002.8	-1353.0
4278	9.5	154519.2	-1346.7	4368	9.2	160339.8	-1343.4	4458	8.6	162828.5	-1356.3	4548	9.2	170051.7	-1330.9
4279	9.6	154533.8	-1355.2	4369	10.	160347.7	-1330.4	4459	7.8	162835.8	-1325.4	4549	9.1	170106.7	-1333.4
4280	9.7	154539.5	-1314.9	4370	8.6	160414.1	-1321.3	4460	9.9	162841.7	-1323.6	4550	9.8	170108.3	-1301.0
4281	9.5	154615.1	-1334.4	4371	9.5	160415.9	-1353.6	4461	9.6	162848.8	-1325.1	4551	9.5	170157.8	-1305.0
4282	9.5	154619.2	-1350.2	4372	10.	160418.3	-1314.1	4462	10.	162905.8	-1325.3	4552	10.	170158.3	-1310.7
4283	10.	154624.7	-1309.5	4373	9.0	160419.4	-1336.9	4463	9.5	162943.3	-1357.5	4553	8.4	170201.7	-1340.1
4284	8.4	154632.0	-1315.1	4374	9.1	160424.5	-1318.9	4464	8.9	163000.4	-1313.3	4554	9.4	170201.8	-1302.4
4285	9.6	154655.2	-1328.1	4375	9.9	160444.3	-1342.3	4465	9.3	163009.8	-1327.1	4555	9.4	170216.8	-1344.6
4286	8.9	154659.3	-1326.6	4376	9.9	160445.2	-1327.6	4466	8.8	163033.9	-1348.1	4556	9.4	170219.5	-1309.0
4287	9.8	154718.1	-1330.6	4377	9.1	160448.9	-1324.3	4467	9.8	163040.3	-1332.9	4557	9.5	170220.2	-1313.5
4288	10.	154723.8	-1310.5	4378	8.5	160451.3	-1339.4	4468	9.0	163059.2	-1308.4	4558	9.0	170221.1	-1331.1
4289	9.8	154744.8	-1302.1	4379	9.1	160500.6	-1326.7	4469	9.6	163144.0	-1336.6	4559	9.5	170222.3	-1328.6
4290	6.8	154807.1	-1357.8	4380	10.	160529.8	-1352.1	4470	9.6	163144.3	-1335.0	4560	9.5	170243.8	-1312.0
4291	9.5	154814.5	-1315.9	4381	9.4	160551.7	-1305.7	4471	9.7	163227.7	-1313.4	4561	9.5	170258.4	-1322.5
4292	9.2	154816.0	-1335.8	4382	9.6	160555.1	-1357.5	4472	9.1	163237.6	-1321.2	4562	8.7	170319.2	-1301.3
4293	7.9	154841.4	-1308.6	4383	9.2	160558.9	-1335.8	4473	9.8	163246.5	-1359.4	4563	9.9	170319.7	-1332.8
4294	9.0	154849.1	-1337.4	4384	9.0	160601.7	-1337.2	4474	9.0	163250.2	-1329.6	4564	9.5	170351.0	-1318.9
4295	9.5	154850.4	-1319.1	4385	9.0	160607.3	-1347.6	4475	9.6	163302.7	-1304.8	4565	9.7	170409.2	-1319.9
4296	8.7	154855.4	-1357.1	4386	10.	160718.4	-1356.5	4476	8.1	163313.8	-1306.5	4566	9.1	170444.2	-1312.5
4297	9.8	154904.7	-1342.6	4387	9.0	160740.8	-1301.8	4477	10.	163331.3	-1354.2	4567	9.8	170502.3	-1351.4
4298	10.	154927.6	-1331.7	4388	9.8	160757.6	-1315.2	4478	8.7	163334.0	-1304.8	4568	9.3	170512.7	-1313.6
4299	9.6	154938.0	-1306.3	4389	9.0	160822.8	-1316.9	4479	9.7	163341.7	-1309.3	4569	8.7	170544.9	-1307.0
4300	9.1	154946.0	-1354.4	4390	9.7	160851.2	-1326.5	4480	9.4	163417.2	-1358.1	4570	8.7	170559.8	-1306.4
4301	9.3	155003.1	-1322.1	4391	9.8	160853.7	-1300.4	4481	9.9	163435.6	-1307.2	4571	9.5	170649.0	-1319.6
4302	5.0	155005.4	-1351.5	4392	9.1	160912.2	-1319.3	4482	7.3	163507.7	-1345.0	4572	9.1	170656.2	-1343.5
4303	9.8	155006.9	-1314.7	4393	10.	160913.0	-1316.9	4483	9.5	163515.8	-1351.4	4573	9.0	170709.7	-1346.9
4304	9.2	155010.6	-1316.9	4394	7.0	160943.6	-1300.1	4484	9.5	163525.3	-1311.4	4574	9.1	170730.9	-1304.2
4305	7.2	155022.5	-1301.4	4395	7.5	160953.7	-1304.2	4485	9.5	163526.9	-1302.2	4575	9.4	170731.2	-1330.6
4306	9.4	155033.0	-1311.0	4396	9.4	160959.2	-1348.3	4486	8.8	163537.6	-1352.4	4576	9.0	170740.2	-1328.8
4307	9.2	155039.6	-1333.5	4397	9.4	161026.1	-1328.5	4487	8.7	163537.6	-1345.6	4577	8.6	170745.0	-1319.8
4308	9.4	155138.9	-1300.3	4398	9.2	161031.1	-1324.6	4488	10.	163601.2	-1321.9	4578	9.8	170801.8	-1306.6
4309	9.5	155155.0	-1346.6	4399	9.5	161056.7	-1342.3	4489	9.9	163601.7	-1345.6	4579	9.8	170837.3	-1313.5
4310	9.9	155201.5	-1349.8	4400	9.2	161109.9	-1330.1	4490	9.7	163605.0	-1307.7	4580	8.5	170923.7	-1343.7
4311	8.9	155224.0	-1302.5	4401	10.	161122.7	-1331.5	4491	9.7	163613.5	-1347.9	4581	9.1	170939.7	-1323.8
4312	9.5	155225.4	-1306.0	4402	9.5	161130.0	-1314.9	4492	10.	163613.6	-1302.0	4582	9.5	171010.2	-1318.5
4313	9.5	155227.3	-1317.9	4403	9.7	161140.6	-1307.3	4493	10.	163622.5	-1348.2	4583	9.3	171040.7	-1356.7
4314	9.5	155232.5	-1333.0	4404	9.0	161147.7	-1312.0	4494	9.4	163624.1	-1341.5	4584	9.4	171120.1	-1338.1
4315	9.5	155316.9	-1305.7	4405	10.	161211.6	-1303.3	4495	7.5	163631.5	-1348.4	4585	9.6	171132.1	-1310.6
4316	9.2	155332.3	-1359.5	4406	8.5	161213.1	-1319.5	4496	9.8	163646.7	-1302.2	4586	9.4	171142.7	-1352.5
4317	10.	155344.5	-1355.6	4407	10.	161213.6	-1345.5	4497	9.4	163651.6	-1335.8	4587	9.6	171147.1	-1324.3
4318	9.6	155402.9	-1332.1	4408	10.	161219.2	-1356.8	4498	9.8	163654.3	-1317.2	4588	9.8	171211.2	-1328.1
4319	10.	155405.0	-1328.5	4409	10.	161254.1	-1345.2	4499	9.8	163704.9	-1323.7	4589	8.8	171212.6	-1338.4
4320	9.1	155416.5	-1345.0	4410	10.	161258.1	-1310.8	4500	9.7	163713.6	-1307.4	4590	9.1	171217.2	-1321.7
4321	9.4	155425.7	-1316.1	4411	9.3	161321.1	-1324.9	4501	9.6	163758.7	-1359.0	4591	9.7	171243.6	-1320.3
4322	9.8	155439.9	-1306.8	4412	8.9	161327.6	-1325.2	4502	9.7	163805.1	-1317.2	4592	9.2	171316.4	-1355.1
4323	8.0	155445.5	-1324.7	4413	9.7	161345.1	-1344.1	4503	9.4	163834.4	-1334.8	4593	9.5	171319.4	-1306.0
4324	10.	155452.5	-1347.2	4414	9.0	161411.9	-1307.3	4504	7.6	163839.0	-1303.9	4594	9.4	171333.7	-1356.0
4325	9.8	155453.1	-1355.5	4415	9.2	161413.1	-1328.5	4505	9.4	163911.2	-1326.9	4595	9.2	171339.4	-1353.8
4326	9.5	155518.4	-1334.0	4416	9.3	161448.4	-1337.0	4506	8.8	163912.2	-1333.5	4596	8.3	171413.6	-1352.6
4327	10.	155526.9	-1332.9	4417	8.9	161510.5	-1337.9	4507	9.7	164003.7	-1311.8	4597	9.2	171429.4	-1350.5

-13 4598 17h14m

4598	9.4	171438.7	-1359.0	4688	8.9	172943.1	-1339.3	4778	9.4	174439.7	-1317.4	4868	9.8	180221.0	-1337.0
4599	9.6	171444.6	-1359.8	4689	9.6	172949.1	-1339.7	4779	7.2	174452.5	-1336.5	4869	8.8	180236.3	-1301.0
4600	9.1	171503.7	-1335.6	4690	8.8	173016.1	-1319.5	4780	9.1	174456.5	-1330.5	4870	9.1	180300.2	-1357.4
4601	9.1	171516.6	-1335.1	4691	9.3	173019.4	-1314.2	4781	9.4	174507.5	-1349.1	4871	9.6	180309.5	-1341.0
4602	9.8	171543.2	-1311.7	4692	9.8	173027.0	-1322.8	4782	9.4	174527.3	-1316.0	4872	10.	180321.0	-1345.3
4603	9.1	171546.8	-1315.1	4693	9.5	173027.8	-1323.6	4783	9.9	174533.6	-1331.8	4873	9.1	180333.3	-1302.2
4604	9.0	171601.4	-1303.6	4694	9.7	173042.6	-1359.3	4784	9.7	174554.2	-1306.6	4874	9.8	180345.0	-1325.4
4605	9.7	171603.7	-1303.4	4695	9.3	173048.5	-1310.5	4785	9.8	174603.0	-1316.3	4875	9.0	180354.5	-1349.6
4606	9.2	171625.1	-1303.4	4696	7.5	173117.5	-1333.7	4786	9.4	174657.0	-1344.2	4876	9.5	180358.0	-1341.9
4607	7.7	171631.9	-1309.2	4697	9.0	173119.6	-1338.6	4787	9.5	174707.0	-1358.7	4877	9.0	180401.5	-1333.0
4608	9.7	171704.5	-1312.6	4698	9.8	173130.0	-1353.1	4788	9.3	174707.2	-1311.7	4878	9.7	180407.1	-1317.7
4609	9.2	171724.6	-1334.4	4699	9.8	173131.9	-1301.8	4789	9.4	174711.0	-1357.6	4879	9.2	180422.8	-1312.0
4610	9.5	171742.2	-1353.7	4700	9.3	173135.8	-1312.3	4790	9.2	174723.2	-1317.9	4880	9.5	180423.6	-1309.1
4611	9.8	171754.1	-1346.1	4701	9.1	173155.2	-1311.5	4791	9.5	174805.7	-1309.5	4881	9.5	180427.5	-1338.8
4612	9.0	171807.2	-1344.3	4702	9.8	173202.6	-1328.3	4792	9.0	174817.0	-1325.2	4882	9.8	180448.5	-1345.3
4613	9.4	171818.4	-1301.6	4703	10.	173208.1	-1352.1	4793	9.8	174821.5	-1347.0	4883	9.8	180511.7	-1318.1
4614	8.5	171832.3	-1316.0	4704	9.1	173210.1	-1313.6	4794	9.3	174826.7	-1310.4	4884	9.5	180521.5	-1325.9
4615	9.4	171845.7	-1324.1	4705	10.	173229.9	-1302.3	4795	9.6	174828.4	-1313.3	4885	9.8	180535.9	-1354.8
4616	10.	171855.1	-1342.1	4706	10.	173230.1	-1311.6	4796	9.2	174839.1	-1304.8	4886	9.8	180539.0	-1347.1
4617	8.7	171902.2	-1311.8	4707	9.8	173242.5	-1357.8	4797	9.5	174850.9	-1345.4	4887	9.2	180555.1	-1321.7
4618	10.	171910.7	-1347.3	4708	10.	173302.0	-1346.0	4798	7.8	174856.0	-1337.7	4888	9.3	180606.6	-1308.6
4619	8.7	171910.7	-1354.1	4709	9.3	173309.6	-1325.7	4799	9.2	174903.2	-1307.6	4889	9.4	180625.0	-1326.1
4620	9.2	171912.1	-1344.7	4710	9.3	173317.5	-1348.8	4800	9.8	174907.5	-1357.5	4890	9.4	180627.1	-1330.5
4621	9.0	171928.9	-1306.3	4711	8.0	173335.1	-1314.2	4801	9.9	174909.5	-1343.8	4891	9.5	180631.8	-1310.7
4622	10.	171946.3	-1310.5	4712	9.3	173337.3	-1303.4	4802	8.9	174943.8	-1309.6	4892	10.	180644.5	-1341.8
4623	9.8	171947.3	-1356.5	4713	9.3	173338.6	-1311.9	4803	9.3	174944.1	-1323.4	4893	8.9	180707.5	-1356.9
4624	9.6	172007.6	-1310.8	4714	9.3	173341.1	-1359.1	4804	9.5	174948.7	-1302.7	4894	9.8	180720.0	-1325.8
4625	9.8	172025.5	-1349.2	4715	8.2	173353.0	-1351.8	4805	9.8	175008.5	-1350.6	4895	9.4	180723.7	-1316.7
4626	10.	172026.5	-1324.1	4716	9.4	173355.1	-1343.8	4806	9.8	175028.0	-1356.6	4896	9.3	180732.5	-1314.0
4627	7.7	172054.0	-1357.1	4717	9.0	173402.6	-1338.7	4807	9.0	175031.8	-1303.1	4897	7.8	180742.0	-1336.6
4628	9.3	172101.5	-1314.3	4718	10.	173404.0	-1333.3	4808	9.1	175046.5	-1358.2	4898	9.8	180748.5	-1316.0
4629	8.8	172114.2	-1324.9	4719	9.2	173411.3	-1309.0	4809	9.1	175051.5	-1345.7	4899	10.	180801.4	-1307.4
4630	9.6	172122.9	-1310.5	4720	9.2	173412.8	-1333.8	4810	8.0	175113.5	-1341.0	4900	10.	180803.7	-1310.0
4631	9.8	172136.8	-1309.8	4721	9.2	173419.2	-1312.8	4811	8.2	175117.3	-1300.7	4901	9.4	180807.0	-1301.3
4632	9.5	172149.1	-1337.6	4722	9.4	173427.1	-1349.0	4812	9.0	175132.0	-1344.1	4902	9.4	180819.5	-1356.8
4633	9.2	172229.1	-1334.5	4723	9.7	173435.0	-1318.4	4813	9.0	175135.5	-1322.3	4903	9.4	180828.5	-1327.8
4634	9.1	172232.1	-1314.0	4724	9.8	173436.6	-1322.0	4814	9.5	175147.0	-1359.4	4904	9.1	180831.7	-1305.6
4635	9.8	172239.4	-1304.0	4725	9.5	173509.3	-1326.3	4815	9.8	175205.8	-1315.3	4905	9.8	180846.8	-1322.3
4636	9.5	172257.3	-1302.4	4726	10.	173509.5	-1358.0	4816	9.8	175209.5	-1325.3	4906	9.1	180848.0	-1353.1
4637	9.7	172306.1	-1315.9	4727	9.5	173520.8	-1308.2	4817	9.1	175221.8	-1311.9	4907	9.8	180901.7	-1319.2
4638	9.7	172334.1	-1315.1	4728	8.8	173524.5	-1336.4	4818	9.5	175226.5	-1320.8	4908	9.3	180917.7	-1340.5
4639	8.9	172339.6	-1329.1	4729	9.3	173526.1	-1341.4	4819	9.4	175230.0	-1303.5	4909	9.1	180924.0	-1330.6
4640	9.6	172400.3	-1357.5	4730	8.8	173532.4	-1303.7	4820	8.0	175231.5	-1345.8	4910	9.1	180927.9	-1353.8
4641	8.3	172401.6	-1334.0	4731	9.8	173535.2	-1301.3	4821	9.3	175242.5	-1320.8	4911	9.4	180929.6	-1312.7
4642	9.2	172406.9	-1301.3	4732	6.3	173538.0	-1325.5	4822	9.5	175242.8	-1304.5	4912	9.3	180936.9	-1353.8
4643	9.2	172427.6	-1325.9	4733	9.5	173547.6	-1314.3	4823	9.5	175246.5	-1320.6	4913	9.4	180947.4	-1317.4
4644	9.1	172431.6	-1359.4	4734	9.8	173548.5	-1324.8	4824	9.6	175312.9	-1337.7	4914	9.5	180949.1	-1347.9
4645	8.5	172437.5	-1312.2	4735	9.8	173549.3	-1327.5	4825	9.0	175320.5	-1337.5	4915	9.2	180952.6	-1335.8
4646	6.5	172439.1	-1321.8	4736	9.2	173553.4	-1305.5	4826	8.7	175324.5	-1334.2	4916	8.3	180953.9	-1312.6
4647	9.8	172449.3	-1355.2	4737	9.4	173619.4	-1300.2	4827	10.	175332.2	-1340.9	4917	9.5	180955.2	-1339.7
4648	9.8	172501.1	-1354.1	4738	9.5	173640.5	-1312.4	4828	10.	175332.7	-1356.6	4918	9.2	181008.8	-1329.5
4649	10.	172513.6	-1354.5	4739	9.5	173644.5	-1314.6	4829	9.3	175340.0	-1321.5	4919	8.7	181010.0	-1326.3
4650	9.1	172525.9	-1307.8	4740	8.2	173644.6	-1329.1	4830	9.1	175340.9	-1359.0	4920	9.2	181014.3	-1353.3
4651	8.8	172531.6	-1352.5	4741	8.0	173735.6	-1357.6	4831	9.5	175343.3	-1348.9	4921	9.2	181017.0	-1353.2
4652	9.8	172534.6	-1323.6	4742	9.5	173742.3	-1354.2	4832	9.6	175345.9	-1341.0	4922	9.1	181017.6	-1306.0
4653	7.7	172540.1	-1324.0	4743	9.5	173743.5	-1343.0	4833	8.4	175346.3	-1308.3	4923	9.3	181019.4	-1348.2
4654	9.9	172619.1	-1347.7	4744	9.3	173754.9	-1302.7	4834	8.9	175353.2	-1302.5	4924	9.5	181020.6	-1357.5
4655	9.8	172632.2	-1329.4	4745	7.2	173809.4	-1314.6	4835	8.7	175424.5	-1311.6	4925	8.3	181022.7	-1350.7
4656	9.4	172636.2	-1331.4	4746	10.	173827.1	-1342.4	4836	10.	175436.0	-1352.7	4926	8.3	181023.2	-1350.8
4657	9.8	172639.4	-1306.7	4747	9.8	173909.1	-1304.5	4837	9.7	175436.8	-1337.8	4927	9.2	181027.1	-1348.4
4658	9.0	172641.1	-1345.0	4748	9.2	173916.5	-1310.7	4838	10.	175452.8	-1341.3	4928	9.7	181029.7	-1349.9
4659	8.7	172641.1	-1340.3	4749	8.2	173922.0	-1342.0	4839	9.5	175457.0	-1321.5	4929	9.2	181032.1	-1349.4
4660	6.8	172655.1	-1331.6	4750	9.5	173931.1	-1320.2	4840	9.0	175523.7	-1314.9	4930	9.1	181039.6	-1352.6
4661	9.0	172702.5	-1336.4	4751	9.3	173936.6	-1311.5	4841	9.9	175536.5	-1314.8	4931	8.2	181042.3	-1335.6
4662	9.3	172704.0	-1330.7	4752	8.9	173943.5	-1323.2	4842	9.8	175543.9	-1343.2	4932	9.0	181043.1	-1351.7
4663	10.	172709.0	-1344.0	4753	8.2	173952.1	-1332.6	4843	9.4	175621.5	-1336.2	4933	9.8	181051.8	-1352.0
4664	8.8	172714.5	-1353.1	4754	10.	174004.9	-1300.8	4844	8.8	175657.5	-1345.1	4934	9.3	181052.2	-1358.2
4665	9.6	172714.6	-1301.9	4755	9.7	174008.1	-1314.7	4845	9.5	175701.3	-1305.5	4935	9.5	181054.6	-1346.4
4666	9.0	172721.9	-1300.6	4756	10.	174043.6	-1344.6	4846	9.8	175704.7	-1356.8	4936	9.4	181056.7	-1359.8
4667	10.	172724.1	-1341.1	4757	10.	174048.0	-1351.1	4847	9.8	175706.1	-1331.0	4937	9.8	181106.1	-1357.9
4668	9.4	172725.3	-1307.3	4758	9.3	174113.6	-1358.7	4848	9.5	175735.0	-1334.1	4938	9.5	181137.3	-1327.0
4669	9.0	172733.4	-1347.5	4759	9.1	174126.0	-1324.9	4849	9.0	175750.3	-1339.1	4939	9.5	181138.3	-1331.2
4670	9.5	172734.1	-1319.6	4760	9.8	174147.1	-1359.3	4850	9.8	175843.0	-1313.7	4940	9.9	181144.2	-1343.3
4671	9.[illegible]	172737.0	-1348.6	4761	9.4	174206.1	-1319.1	4851	9.8	175847.6	-1318.9	4941	9.5	181153.1	-1306.5
4672	9.[illegible]	172738.6	-1334.5	4762	9.7	174218.4	-1320.0	4852	8.3	175851.1	-1314.9	4942	9.5	181215.0	-1345.2
4673	9.8	172739.9	-1319.8	4763	9.5	174238.5	-1339.1	4853	10.	175854.0	-1350.5	4943	9.4	181215.2	-1300.7
4674	8.8	172748.3	-1351.9	4764	9.5	174253.1	-1321.2	4854	9.4	175902.5	-1330.6	4944	9.8	181222.2	-1322.5
4675	9.6	172750.5	-1341.5	4765	8.5	174258.6	-1355.1	4855	9.8	175943.5	-1345.3	4945	9.6	181230.5	-1337.0
4676	9.8	172753.7	-1358.1	4766	9.5	174301.0	-1349.0	4856	9.4	175950.2	-1358.9	4946	10.	181234.8	-1336.6
4677	8.5	172813.1	-1340.1	4767	8.7	174303.3	-1308.1	4857	9.5	175956.0	-1342.5	4947	8.8	181306.0	-1351.1
4678	8.2	172822.6	-1356.3	4768	8.7	174321.8	-1355.0	4858	9.5	175958.4	-1345.2	4948	9.7	181309.0	-1339.1
4679	9.3	172824.0	-1344.4	4769	9.4	174327.6	-1344.4	4859	10.	180010.1	-1357.9	4949	8.9	181311.8	-1309.7
4680	9.8	172832.6	-1347.8	4770	9.1	174333.2	-1334.1	4860	10.	180041.0	-1343.4	4950	9.8	181346.8	-1318.2
4681	9.2	172844.1	-1333.6	4771	9.6	174336.1	-1314.5	4861	10.	180105.4	-1332.0	4951	10.	181349.3	-1322.5
4682	7.6	172859.3	-1354.3	4772	9.8	174350.2	-1309.9	4862	9.1	180127.5	-1351.1	4952	8.9	181408.7	-1303.2
4683	9.8	172906.0	-1341.3	4773	9.2	174353.4	-1312.0	4863	6.3	180129.5	-1357.3	4953	9.4	181417.1	-1307.7
4684	9.3	172907.5	-1351.1	4774	9.5	174358.0	-1328.7	4864	9.5	180150.0	-1348.4	4954	9.6	181420.2	-1310.4
4685	9.2	172907.9	-1318.2	4775	9.8	174401.5	-1321.0	4865	9.4	180150.0	-1334.4	4955	9.3	181433.7	-1344.8
4686	9.7	172935.0	-1324.6	4776	8.7	174407.2	-1336.8	4866	9.6	180210.5	-1351.9	4956	9.7	181442.4	-1314.7
4687	9.4	172935.8	-1308.9	4777	10.	174432.3	-1337.1	4867	9.3	180211.5	-1336.5	4957	9.4	181443.5	-1328.2

-13 4957 18h14m

-13 4958 18h15m

-13 5317 19h11m

4958	8.2	181504.8	-1339.9	5048	9.0	182812.3	-1325.7	5138	8.7	184547.3	-1357.6	5228	9.2	185846.5	-1358.8
4959	9.3	181517.2	-1300.7	5049	9.8	182832.2	-1303.1	5139	9.2	184558.6	-1355.4	5229	9.5	185855.4	-1333.4
4960	9.6	181519.4	-1317.1	5050	9.4	182850.7	-1356.5	5140	7.8	184559.2	-1347.8	5230	9.5	185856.9	-1323.4
4961	9.0	181537.3	-1335.5	5051	9.0	182857.8	-1301.0	5141	9.7	184602.4	-1326.5	5231	8.0	185859.3	-1352.9
4962	9.4	181539.2	-1304.5	5052	9.0	182908.5	-1311.5	5142	9.0	184603.1	-1343.5	5232	9.4	185902.9	-1354.2
4963	9.0	181550.3	-1332.6	5053	9.4	182924.9	-1316.1	5143	8.5	184615.1	-1311.0	5233	8.3	185914.9	-1303.6
4964	9.6	181613.7	-1357.9	5054	9.5	182936.8	-1359.2	5144	9.4	184620.8	-1346.8	5234	8.5	185934.8	-1315.5
4965	9.3	181620.8	-1343.7	5055	7.3	182943.4	-1335.2	5145	10.	184631.4	-1335.6	5235	8.8	185941.3	-1330.5
4966	9.1	181621.6	-1300.6	5056	9.5	183015.4	-1355.3	5146	9.0	184635.3	-1337.5	5236	8.0	185945.1	-1326.8
4967	9.2	181626.2	-1345.0	5057	9.0	183025.3	-1326.1	5147	9.5	184644.9	-1324.5	5237	9.5	185950.1	-1316.4
4968	9.0	181626.8	-1359.0	5058	9.8	183027.8	-1357.1	5148	8.9	184656.8	-1305.2	5238	9.7	185957.2	-1327.9
4969	9.0	181646.8	-1324.3	5059	9.1	183036.3	-1332.1	5149	9.8	184657.9	-1348.1	5239	9.8	190003.5	-1327.2
4970	9.1	181650.3	-1336.1	5060	8.2	183040.5	-1354.2	5150	9.4	184659.4	-1351.7	5240	9.5	190004.9	-1332.8
4971	9.3	181702.3	-1344.4	5061	9.2	183113.3	-1358.6	5151	9.2	184719.5	-1313.0	5241	7.2	190016.8	-1310.7
4972	9.8	181724.2	-1323.7	5062	9.2	183126.3	-1355.2	5152	9.2	184722.1	-1306.5	5242	9.7	190028.4	-1308.7
4973	9.7	181726.2	-1344.0	5063	9.4	183203.2	-1318.1	5153	9.7	184729.7	-1358.9	5243	9.9	190031.1	-1315.5
4974	9.8	181746.7	-1340.4	5064	8.5	183208.5	-1311.8	5154	8.7	184732.2	-1314.4	5244	9.8	190034.7	-1310.1
4975	8.0	181806.3	-1326.5	5065	9.0	183213.7	-1332.5	5155	9.5	184744.4	-1351.0	5245	9.6	190052.8	-1331.1
4976	9.2	181807.4	-1318.4	5066	9.7	183217.5	-1314.8	5156	8.8	184756.0	-1308.7	5246	8.5	190052.9	-1304.7
4977	8.3	181811.7	-1304.5	5067	8.2	183236.1	-1327.8	5157	9.4	184825.9	-1358.1	5247	9.5	190109.2	-1315.9
4978	8.8	181816.8	-1316.2	5068	9.1	183246.6	-1311.8	5158	9.3	184834.7	-1335.3	5248	9.3	190111.3	-1332.0
4979	9.0	181827.7	-1344.3	5069	9.7	183247.1	-1329.9	5159	9.1	184852.5	-1314.3	5249	7.5	190114.6	-1340.9
4980	10.	181831.3	-1329.1	5070	9.5	183251.4	-1316.2	5160	9.4	184853.5	-1353.6	5250	9.5	190115.4	-1318.3
4981	8.3	181844.0	-1356.0	5071	7.8	183257.3	-1359.7	5161	9.6	184915.3	-1331.6	5251	9.5	190121.2	-1306.2
4982	9.5	181853.8	-1348.3	5072	9.8	183300.5	-1308.4	5162	7.8	184915.8	-1317.2	5252	9.6	190132.0	-1304.1
4983	9.4	181902.3	-1336.1	5073	9.2	183309.5	-1358.6	5163	9.2	184928.8	-1342.0	5253	9.5	190135.3	-1325.5
4984	9.4	181916.0	-1340.4	5074	9.3	183320.1	-1331.8	5164	9.5	184945.2	-1317.3	5254	9.2	190146.9	-1303.8
4985	9.4	181919.3	-1331.5	5075	9.7	183332.6	-1344.5	5165	9.0	184946.8	-1347.3	5255	9.8	190149.0	-1355.3
4986	10.	181922.2	-1322.8	5076	9.7	183357.7	-1346.5	5166	9.3	185023.2	-1333.8	5256	9.6	190150.2	-1341.5
4987	9.2	181937.3	-1352.5	5077	10.	183402.1	-1339.5	5167	9.5	185032.7	-1347.1	5257	9.0	190157.8	-1337.4
4988	8.8	181938.3	-1344.7	5078	9.7	183435.2	-1358.2	5168	9.6	185056.8	-1356.9	5258	9.5	190208.3	-1322.9
4989	9.5	181952.2	-1349.6	5079	9.7	183513.1	-1325.1	5169	9.5	185058.7	-1343.7	5259	9.5	190227.3	-1345.9
4990	9.5	182007.8	-1311.2	5080	9.5	183531.9	-1301.2	5170	9.1	185113.6	-1350.5	5260	9.5	190246.4	-1330.4
4991	9.8	182017.7	-1303.2	5081	9.8	183548.9	-1308.2	5171	9.8	185114.4	-1352.1	5261	10.	190248.3	-1332.8
4992	8.5	182027.0	-1305.0	5082	9.7	183603.3	-1337.0	5172	5.5	185115.1	-1301.7	5262	9.4	190250.9	-1321.5
4993	9.0	182027.9	-1335.1	5083	9.1	183614.4	-1321.9	5173	9.1	185124.3	-1303.7	5263	9.6	190316.4	-1357.5
4994	9.5	182037.3	-1331.6	5084	8.8	183627.3	-1301.1	5174	9.1	185132.8	-1336.2	5264	9.0	190324.2	-1359.3
4995	8.5	182043.4	-1302.6	5085	10.	183631.6	-1329.8	5175	8.9	185141.7	-1343.0	5265	9.8	190324.3	-1336.6
4996	9.1	182057.0	-1342.8	5086	9.9	183635.1	-1341.4	5176	9.2	185157.8	-1332.7	5266	9.6	190326.4	-1359.2
4997	8.0	182111.3	-1341.4	5087	10.	183648.7	-1312.6	5177	9.2	185202.5	-1316.6	5267	9.4	190334.5	-1308.0
4998	9.4	182126.7	-1343.4	5088	9.8	183655.5	-1352.5	5178	9.5	185209.6	-1333.8	5268	9.5	190336.3	-1322.0
4999	9.4	182134.8	-1315.8	5089	9.8	183713.3	-1321.0	5179	8.5	185216.9	-1336.7	5269	9.0	190405.3	-1342.5
5000	9.5	182143.7	-1300.0	5090	9.4	183716.6	-1357.3	5180	10.	185227.5	-1342.5	5270	9.3	190408.0	-1302.9
5001	9.1	182146.8	-1316.0	5091	9.1	183716.8	-1358.3	5181	9.0	185230.1	-1341.8	5271	9.3	190445.2	-1308.4
5002	9.0	182148.8	-1335.1	5092	10.	183726.7	-1308.4	5182	9.1	185235.5	-1358.7	5272	9.5	190449.4	-1335.2
5003	8.3	182151.7	-1302.3	5093	7.8	183727.7	-1348.9	5183	9.0	185300.2	-1311.4	5273	9.4	190451.8	-1351.3
5004	9.7	182152.7	-1344.9	5094	9.3	183734.0	-1337.0	5184	9.3	185301.2	-1338.2	5274	10.	190505.9	-1311.9
5005	10.	182203.9	-1358.6	5095	9.8	183757.0	-1315.2	5185	9.0	185303.3	-1331.5	5275	9.0	190519.0	-1358.7
5006	9.0	182207.0	-1326.7	5096	9.4	183814.2	-1354.3	5186	9.3	185306.2	-1353.5	5276	9.5	190521.4	-1329.4
5007	9.4	182214.3	-1357.9	5097	9.7	183901.7	-1319.3	5187	9.6	185308.2	-1344.2	5277	9.5	190525.3	-1315.8
5008	9.5	182222.0	-1311.6	5098	9.5	183913.1	-1318.3	5188	9.5	185320.7	-1347.1	5278	9.3	190557.2	-1309.3
5009	8.8	182224.7	-1317.0	5099	9.2	183924.8	-1326.4	5189	9.5	185323.2	-1355.1	5279	9.8	190603.4	-1320.0
5010	9.8	182235.4	-1358.5	5100	9.9	183940.4	-1348.5	5190	9.5	185336.3	-1313.2	5280	9.4	190629.9	-1337.7
5011	9.0	182236.3	-1344.5	5101	9.5	183943.6	-1354.3	5191	9.4	185346.4	-1307.6	5281	8.5	190632.0	-1302.9
5012	9.5	182238.3	-1359.7	5102	9.7	183958.3	-1346.7	5192	9.1	185350.7	-1352.9	5282	9.0	190649.9	-1321.3
5013	9.0	182302.1	-1354.2	5103	9.8	184018.9	-1353.9	5193	9.5	185401.1	-1319.7	5283	9.5	190652.5	-1306.9
5014	9.5	182308.8	-1312.4	5104	9.1	184028.6	-1338.0	5194	7.8	185403.2	-1327.7	5284	9.5	190720.9	-1356.0
5015	9.5	182320.3	-1339.9	5105	9.0	184035.5	-1321.6	5195	9.2	185406.9	-1305.8	5285	9.5	190722.4	-1338.3
5016	9.3	182327.2	-1354.3	5106	9.7	184036.0	-1317.0	5196	9.3	185414.8	-1312.9	5286	9.1	190737.9	-1315.0
5017	9.5	182328.2	-1343.5	5107	9.2	184037.3	-1338.7	5197	8.9	185428.9	-1327.4	5287	9.4	190806.8	-1340.7
5018	9.2	182331.0	-1339.4	5108	9.5	184042.3	-1310.0	5198	9.5	185436.8	-1359.8	5288	9.1	190821.4	-1337.4
5019	9.7	182353.1	-1314.1	5109	9.2	184055.5	-1312.2	5199	9.5	185442.9	-1349.5	5289	8.5	190824.0	-1304.8
5020	10.	182411.3	-1348.6	5110	10.	184120.1	-1355.7	5200	9.0	185443.4	-1321.8	5290	9.4	190832.9	-1300.4
5021	9.3	182413.4	-1357.1	5111	9.4	184133.6	-1349.2	5201	9.8	185446.2	-1343.1	5291	9.8	190835.8	-1339.4
5022	9.3	182416.5	-1315.9	5112	9.3	184143.2	-1324.5	5202	9.5	185459.0	-1337.1	5292	9.6	190839.9	-1340.7
5023	8.7	182439.5	-1309.5	5113	9.8	184151.0	-1340.6	5203	9.8	185501.1	-1313.9	5293	9.7	190843.6	-1331.7
5024	9.6	182459.2	-1327.1	5114	9.0	184152.6	-1325.9	5204	9.4	185527.2	-1355.0	5294	9.6	190843.9	-1339.9
5025	8.3	182502.8	-1336.0	5115	8.9	184154.0	-1325.8	5205	9.8	185528.0	-1339.7	5295	9.5	190844.5	-1359.4
5026	10.	182509.5	-1330.5	5116	9.6	184156.3	-1304.2	5206	10.	185537.8	-1346.4	5296	9.8	190859.9	-1330.2
5027	9.3	182521.1	-1313.7	5117	9.3	184206.7	-1324.9	5207	9.5	185546.9	-1301.0	5297	8.8	190913.4	-1304.8
5028	9.6	182524.2	-1314.2	5118	9.7	184218.6	-1320.7	5208	9.1	185550.8	-1339.4	5298	9.0	190934.2	-1317.6
5029	9.5	182546.3	-1349.6	5119	6.5	184219.3	-1343.8	5209	9.5	185558.8	-1326.2	5299	9.0	190945.8	-1342.0
5030	9.0	182552.8	-1324.0	5120	9.5	184220.3	-1327.6	5210	8.6	185606.0	-1359.5	5300	9.0	190948.3	-1342.5
5031	8.3	182600.5	-1312.1	5121	9.5	184228.8	-1346.9	5211	9.5	185630.7	-1310.3	5301	9.4	190954.4	-1300.4
5032	8.5	182605.5	-1309.9	5122	9.0	184235.9	-1356.0	5212	9.5	185637.4	-1333.5	5302	9.8	191011.1	-1342.1
5033	9.0	182608.1	-1335.8	5123	8.5	184252.1	-1336.4	5213	10.	185652.3	-1354.8	5303	9.2	191019.4	-1353.1
5034	9.2	182621.2	-1317.8	5124	9.3	184320.5	-1314.7	5214	9.5	185658.6	-1329.2	5304	9.0	191020.4	-1324.8
5035	9.8	182630.3	-1346.2	5125	9.5	184323.4	-1311.8	5215	9.9	185716.9	-1353.4	5305	9.3	191021.2	-1345.9
5036	9.0	182632.8	-1321.9	5126	9.0	184326.4	-1304.8	5216	9.3	185730.2	-1318.6	5306	9.2	191024.5	-1314.2
5037	8.0	182635.8	-1332.6	5127	10.	184336.3	-1332.0	5217	9.8	185737.8	-1323.1	5307	9.5	191034.0	-1301.0
5038	9.2	182641.5	-1359.7	5128	9.2	184345.8	-1354.2	5218	9.9	185741.9	-1357.0	5308	9.0	191040.4	-1321.1
5039	9.3	182644.3	-1358.9	5129	9.8	184401.9	-1321.2	5219	9.6	185746.2	-1358.4	5309	9.0	191047.4	-1338.3
5040	9.8	182654.4	-1354.8	5130	9.0	184420.8	-1338.2	5220	9.7	185749.6	-1337.6	5310	9.8	191053.1	-1353.5
5041	9.3	182717.2	-1303.9	5131	9.5	184435.8	-1338.2	5221	10.	185754.8	-1318.0	5311	8.8	191055.0	-1335.8
5042	8.8	182723.7	-1307.6	5132	9.5	184439.9	-1317.6	5222	9.4	185755.2	-1342.7	5312	9.2	191101.9	-1335.6
5043	9.7	182730.1	-1319.3	5133	8.8	184440.4	-1358.3	5223	7.5	185810.8	-1330.6	5313	9.3	191104.1	-1311.3
5044	8.8	182732.3	-1325.8	5134	9.8	184443.2	-1308.2	5224	7.8	185814.7	-1340.4	5314	9.1	191110.5	-1335.4
5045	8.3	182748.8	-1309.9	5135	9.5	184502.3	-1333.4	5225	10.	185841.9	-1346.4	5315	9.4	191136.6	-1336.6
5046	8.0	182759.4	-1356.8	5136	9.3	184506.8	-1305.5	5226	9.4	185844.4	-1307.4	5316	9.2	191137.8	-1333.6
5047	7.5	182803.7	-1350.8	5137	9.5	184544.7	-1323.4	5227	9.8	185846.1	-1354.3	5317	9.4	191138.5	-1309.5

-13 5318 19h11m

5318	9.7	191149.6	-1324.3	5408	9.5	192810.1	-1308.1	5498	9.3	194322.3	-1348.6
5319	10.	191158.9	-1333.6	5409	9.8	192810.6	-1359.9	5499	6.3	194339.2	-1324.1
5320	9.7	191212.6	-1345.0	5410	9.8	192824.2	-1340.9	5500	9.8	194357.6	-1356.4
5321	8.7	191221.3	-1331.0	5411	9.2	192826.7	-1320.4	5501	9.0	194433.4	-1339.9
5322	9.5	191229.0	-1311.1	5412	9.8	192837.7	-1346.0	5502	9.5	194454.0	-1342.4
5323	9.5	191233.3	-1320.5	5413	9.1	192839.9	-1328.7	5503	9.7	194500.2	-1320.9
5324	9.8	191234.1	-1308.6	5414	9.5	192842.8	-1349.0	5504	9.8	194543.5	-1307.4
5325	10.	191253.5	-1331.7	5415	7.0	192854.7	-1329.1	5505	8.5	194547.4	-1310.3
5326	8.0	191310.5	-1324.1	5416	9.4	192904.7	-1359.1	5506	8.5	194602.5	-1303.6
5327	9.3	191312.0	-1345.5	5417	9.5	192912.4	-1308.5	5507	9.6	194616.8	-1322.8
5328	8.3	191328.1	-1302.2	5418	9.4	192920.2	-1322.9	5508	9.2	194629.4	-1336.1
5329	9.8	191336.0	-1312.5	5419	9.6	192926.7	-1305.6	5509	9.4	194641.0	-1340.2
5330	9.2	191346.7	-1316.1	5420	10.	192954.2	-1315.6	5510	10.	194645.2	-1312.2
5331	9.3	191352.0	-1341.0	5421	9.3	192955.7	-1311.3	5511	9.8	194648.2	-1323.2
5332	9.5	191438.1	-1352.4	5422	9.5	193001.2	-1328.5	5512	8.4	194648.5	-1355.6
5333	9.3	191443.0	-1313.3	5423	8.3	193003.3	-1304.5	5513	10.	194651.0	-1300.7
5334	9.7	191517.5	-1359.6	5424	9.8	193031.3	-1341.7	5514	9.2	194658.4	-1347.2
5335	9.4	191520.6	-1301.1	5425	9.5	193039.8	-1333.2	5515	10.	194706.5	-1345.9
5336	8.2	191523.0	-1332.0	5426	9.8	193055.7	-1335.2	5516	9.4	194718.0	-1301.4
5337	9.8	191524.4	-1333.2	5427	8.0	193056.8	-1359.8	5517	9.5	194725.5	-1301.2
5338	9.7	191532.9	-1333.2	5428	9.6	193107.8	-1301.2	5518	8.9	194725.8	-1356.7
5339	10.	191552.6	-1350.8	5429	9.4	193111.7	-1359.0	5519	9.0	194734.4	-1327.3
5340	9.7	191558.3	-1313.3	5430	9.8	193112.9	-1314.9	5520	9.4	194806.3	-1318.8
5341	9.5	191608.8	-1337.0	5431	9.5	193120.2	-1328.9	5521	10.	194807.0	-1305.8
5342	8.5	191636.5	-1337.4	5432	9.3	193133.2	-1310.5	5522	8.5	194810.1	-1343.6
5343	9.1	191646.7	-1311.8	5433	9.4	193140.3	-1343.9	5523	9.4	194827.4	-1314.0
5344	9.1	191657.7	-1345.0	5434	9.5	193151.8	-1312.4	5524	9.8	194858.3	-1319.3
5345	7.9	191700.0	-1342.9	5435	8.5	193204.3	-1320.7	5525	9.8	194902.2	-1305.5
5346	10.	191701.6	-1317.7	5436	9.5	193210.2	-1348.7	5526	9.8	194907.4	-1342.7
5347	9.5	191714.5	-1308.3	5437	9.4	193216.5	-1310.0	5527	9.2	194918.4	-1300.7
5348	9.5	191724.8	-1340.3	5438	9.1	193230.2	-1313.2	5528	10.	194932.0	-1341.4
5349	9.7	191734.0	-1327.6	5439	9.8	193238.8	-1301.6	5529	9.0	194942.5	-1306.9
5350	10.	191743.1	-1319.5	5440	9.8	193252.3	-1302.5	5530	9.1	194956.3	-1308.2
5351	10.	191744.6	-1334.3	5441	10.	193255.7	-1325.9	5531	9.5	195001.0	-1339.8
5352	9.4	191749.3	-1358.2	5442	8.8	193308.7	-1331.1	5532	9.5	195026.5	-1332.7
5353	9.3	191755.1	-1355.3	5443	9.3	193313.8	-1346.0	5533	9.2	195031.5	-1315.5
5354	9.8	191815.5	-1316.8	5444	9.4	193327.2	-1337.5	5534	9.8	195039.0	-1325.8
5355	9.0	191816.0	-1333.3	5445	9.8	193331.2	-1316.2	5535	9.8	195048.4	-1310.2
5356	9.0	191820.5	-1325.0	5446	9.5	193410.3	-1346.7	5536	9.4	195048.5	-1343.6
5357	10.	191846.1	-1354.2	5447	8.1	193418.3	-1339.6	5537	9.0	195049.5	-1341.0
5358	9.9	191911.0	-1333.4	5448	9.8	193427.2	-1346.5	5538	9.8	195109.9	-1337.0
5359	9.5	191923.6	-1318.0	5449	9.8	193438.8	-1342.9	5539	9.3	195121.3	-1341.8
5360	10.	191935.6	-1313.9	5450	9.5	193444.4	-1325.5	5540	9.5	195127.6	-1329.5
5361	9.5	191939.1	-1352.4	5451	9.2	193448.2	-1310.9	5541	9.4	195144.5	-1300.0
5362	8.8	191946.1	-1349.0	5452	9.9	193501.8	-1351.2	5542	8.3	195212.0	-1322.9
5363	10.	191947.6	-1337.4	5453	9.5	193535.3	-1339.2	5543	9.5	195219.5	-1330.7
5364	9.8	192006.1	-1328.9	5454	9.9	193553.4	-1354.7	5544	9.8	195239.0	-1333.0
5365	9.8	192017.2	-1300.6	5455	9.8	193557.2	-1322.1	5545	9.3	195239.5	-1318.3
5366	9.8	192023.6	-1322.4	5456	9.5	193618.4	-1312.9	5546	9.5	195258.5	-1329.5
5367	9.4	192037.1	-1317.1	5457	9.9	193636.8	-1312.2	5547	9.3	195320.1	-1333.7
5368	9.3	192051.6	-1332.8	5458	9.7	193617.5	-1306.1	5548	9.8	195339.8	-1331.9
5369	9.5	192053.3	-1325.8	5459	8.7	193623.3	-1344.3	5549	9.5	195340.0	-1346.5
5370	9.5	192100.0	-1356.2	5460	9.3	193630.1	-1348.7	5550	9.7	195345.5	-1304.8
5371	9.5	192106.3	-1358.2	5461	9.8	193631.8	-1347.0	5551	9.8	195353.5	-1321.1
5372	9.7	192116.1	-1314.1	5462	7.2	193702.3	-1304.4	5552	9.1	195356.0	-1358.9
5373	9.0	192121.1	-1322.1	5463	8.5	193711.9	-1334.2	5553	8.7	195405.6	-1301.5
5374	9.8	192152.2	-1353.5	5464	9.7	193718.4	-1315.9	5554	9.3	195408.0	-1327.3
5375	8.3	192152.5	-1310.6	5465	8.6	193720.8	-1336.5	5555	9.5	195409.8	-1321.7
5376	8.4	192156.1	-1345.1	5466	9.5	193726.8	-1301.5	5556	9.8	195427.5	-1346.0
5377	10.	192217.7	-1358.7	5467	9.7	193729.4	-1346.5	5557	8.1	195431.1	-1306.4
5378	9.6	192218.4	-1303.3	5468	9.8	193805.9	-1329.4	5558	9.5	195432.9	-1354.5
5379	9.9	192227.6	-1301.9	5469	9.3	193811.9	-1338.6	5559	9.5	195525.3	-1346.4
5380	9.1	192235.7	-1312.8	5470	9.2	193840.4	-1326.6	5560	9.5	195535.6	-1320.5
5381	10.	192239.2	-1322.4	5471	9.7	193843.7	-1329.8	5561	9.6	195535.8	-1307.0
5382	9.3	192246.4	-1338.4	5472	9.5	193907.6	-1359.0	5562	8.8	195554.8	-1309.9
5383	9.4	192247.1	-1326.1	5473	8.9	193916.7	-1326.4	5563	10.	195612.4	-1305.6
5384	8.8	192247.6	-1316.5	5474	8.4	193918.2	-1319.2	5564	10.	195612.7	-1320.0
5385	8.0	192249.1	-1340.8	5475	9.5	193918.5	-1349.7	5565	9.0	195629.0	-1340.1
5386	9.5	192303.2	-1304.7	5476	9.8	193926.4	-1340.6	5566	9.9	195633.5	-1352.2
5387	10.	192314.1	-1319.0	5477	9.5	193933.9	-1309.9	5567	8.7	195714.7	-1316.2
5388	10.	192338.2	-1327.1	5478	9.5	193943.9	-1301.0	5568	9.3	195716.7	-1313.1
5389	9.5	192354.1	-1333.0	5479	9.8	193946.3	-1314.4	5569	6.2	195722.0	-1304.2
5390	8.8	192406.5	-1300.5	5480	9.5	193957.6	-1307.9	5570	8.8	195738.4	-1356.9
5391	9.3	192415.2	-1339.3	5481	8.5	194007.3	-1348.2	5571	9.8	195749.3	-1306.6
5392	9.5	192447.0	-1356.3	5482	10.	194010.8	-1332.8	5572	8.5	195801.5	-1352.0
5393	10.	192506.4	-1307.0	5483	9.6	194019.9	-1343.4	5573	9.3	195810.0	-1316.9
5394	9.8	192516.1	-1332.5	5484	9.8	194023.3	-1308.6	5574	8.8	195819.4	-1346.9
5395	8.9	192530.3	-1327.6	5485	9.8	194031.6	-1309.2	5575	9.6	195836.9	-1325.7
5396	9.8	192531.6	-1304.8	5486	10.	194043.3	-1315.4	5576	9.8	195838.7	-1305.7
5397	8.9	192552.0	-1316.9	5487	9.6	194045.1	-1350.3	5577	7.3	195841.3	-1320.3
5398	9.3	192607.7	-1301.1	5488	9.8	194049.8	-1325.7	5578	9.7	195843.1	-1356.5
5399	7.3	192619.5	-1314.0	5489	9.8	194052.9	-1356.0	5579	9.8	195914.4	-1337.7
5400	9.0	192624.6	-1335.7	5490	9.8	194057.4	-1354.5	5580	9.3	195924.4	-1341.0
5401	9.8	192639.2	-1338.3	5491	9.5	194059.4	-1305.9	5581	9.6	195934.5	-1329.0
5402	9.8	192647.7	-1310.9	5492	8.7	194111.4	-1361.5	5582	9.3	195948.3	-1348.9
5403	10.	192655.6	-1349.0	5493	10.	194154.9	-1315.7	5583	9.6	195949.4	-1345.4
5404	9.1	192738.3	-1326.9	5494	9.5	194158.7	-1335.7	5584	10.	195952.5	-1309.7
5405	8.0	192741.1	-1325.0	5495	9.7	194159.7	-1344.5	5585	9.7	195953.5	-1359.4
5406	9.6	192800.2	-1325.1	5496	9.8	194307.4	-1319.5	5586	9.5	200005.2	-1324.9
5407	9.5	192801.2	-1346.3	5497	9.6	194316.9	-1332.7	5587	10.	200024.8	-1322.5

-13 5677 20h20m

5588	9.7	200030.5	-1332.4	5598	9.0	200211.5	-1358.3	5608	6.0	200421.8	-1302.2
5589	9.8	200054.8	-1355.1	5599	9.1	200243.0	-1345.9	5609	9.5	200422.5	-1329.8
5590	9.8	200115.9	-1358.8	5600	9.7	200256.7	-1318.0	5610	9.1	200436.4	-1337.6
5591	10.	200117.2	-1332.1	5601	9.5	200301.4	-1315.7	5611	9.1	200447.6	-1326.8
5592	9.5	200131.3	-1343.3	5602	9.0	200302.1	-1317.3	5612	10.	200455.7	-1315.4
5593	8.0	200156.1	-1328.1	5603	10.	200308.5	-1355.4	5613	9.7	200539.6	-1349.7
5594	8.4	200201.4	-1315.4	5604	9.5	200322.0	-1330.3	5614	9.5	200543.1	-1328.2
5595	9.6	200207.6	-1316.9	5605	10.	200336.5	-1328.1	5615	9.8	200559.2	-1332.7
5596	9.6	200210.0	-1354.2	5606	9.1	200339.0	-1353.5	5616	8.5	200606.9	-1355.7
5597	8.2	200211.0	-1325.9	5607	10.	200345.1	-1310.1	5617	9.1	200638.4	-1304.5
5618	9.3	200643.2	-1336.9	5628	9.9	200857.8	-1343.6	5638	9.2	201213.8	-1332.0
5619	7.0	200702.1	-1349.2	5629	10.	200916.3	-1359.7	5639	9.2	201219.7	-1348.5
5620	10.	200720.9	-1304.4	5630	8.4	200931.2	-1317.0	5640	9.8	201220.8	-1330.2
5621	9.0	200733.2	-1330.4	5631	10.	201000.2	-1328.8	5641	9.4	201236.3	-1334.6
5622	9.0	200743.1	-1338.5	5632	9.5	201003.2	-1301.8	5642	5.5	201237.6	-1312.9
5623	9.8	200813.6	-1318.0	5633	9.8	201056.5	-1325.3	5643	9.9	201305.8	-1319.6
5624	9.0	200821.7	-1336.4	5634	9.4	201115.4	-1349.9	5644	9.9	201306.9	-1346.2
5625	9.3	200822.9	-1359.9	5635	8.0	201122.9	-1315.0	5645	9.2	201336.2	-1339.1
5626	9.8	200838.4	-1311.5	5636	9.0	201136.7	-1332.3	5646	10.	201402.0	-1344.0
5627	9.0	200839.9	-1351.2	5637	8.8	201140.7	-1354.5	5647	9.1	201406.7	-1337.5
5648	9.6	201418.3	-1332.6	5658	9.5	201530.8	-1328.0				
5649	8.9	201420.1	-1322.4	5659	9.6	201538.0	-1330.7				
5650	10.	201425.3	-1350.2	5660	9.9	201554.1	-1306.2				
5651	9.2	201436.8	-1341.5	5661	8.0	201602.5	-1351.4				
5652	9.5	201447.0	-1313.7	5662	9.4	201603.3	-1327.5				
5653	9.2	201459.8	-1340.6	5663	10.	201623.9	-1319.5				
5654	9.1	201503.4	-1332.6	5664	9.5	201627.8	-1325.8				
5655	9.7	201505.0	-1312.1	5665	10.	201645.8	-1340.2				
5656	9.1	201517.4	-1336.7	5666	9.6	201648.3	-1343.5				
5657	10.	201528.3	-1344.1	5667	9.4	201726.8	-1350.8				
5668	9.0	201741.6	-1306.4	5678	9.5	202003.0	-1318.4				
5669	9.3	201756.7	-1315.0	5679	9.5	202004.2	-1302.3				
5670	9.3	201813.4	-1321.3	5680	9.0	202019.2	-1337.7				
5671	9.8	201850.1	-1332.0								
5672	9.0	201913.5	-1357.5								
5673	10.	201934.9	-1343.1								
5674	10.	201944.9	-1324.3								
5675	10.	202003.0	-1318.4								
5676	9.5	202004.2	-1302.3								
5677	9.0	202019.2	-1337.7								

-13 5678 20h20m

-13 6037 21h45m

5678	9.0	202021.2	-1337.7	5768	9.1	204143.2	-1339.6	5858	9.8	210022.5	-1339.1
5679	10.	202023.9	-1348.9	5769	9.8	204158.7	-1353.6	5859	9.5	210024.6	-1320.2
5680	7.5	202129.0	-1303.9	5770	9.8	204203.0	-1314.6	5860	8.9	210049.8	-1354.9
5681	9.8	202132.4	-1340.5	5771	9.5	204226.4	-1357.9	5861	10.	210122.7	-1341.7
5682	9.8	202134.9	-1349.6	5772	9.1	204242.5	-1306.9	5862	9.5	210132.6	-1333.9
5683	9.5	202202.9	-1356.8	5773	6.3	204243.2	-1304.8	5863	9.0	210145.1	-1313.1
5684	7.5	202213.0	-1330.4	5774	9.1	204331.0	-1311.5	5864	9.6	210155.7	-1342.5
5685	9.4	202216.9	-1336.6	5775	9.1	204336.7	-1329.1	5865	10.	210204.4	-1346.5
5686	9.6	202220.7	-1306.1	5776	10.	204345.6	-1316.0	5866	9.5	210219.8	-1339.2
5687	9.8	202221.3	-1311.0	5777	8.5	204354.6	-1301.9	5867	9.5	210234.3	-1354.7
5688	9.4	202230.0	-1329.9	5778	9.4	204425.4	-1313.1	5868	9.4	210242.2	-1342.1
5689	9.5	202243.1	-1310.8	5779	7.0	204430.3	-1344.9	5869	9.3	210250.7	-1327.4
5690	9.8	202302.0	-1357.6	5780	9.3	204433.8	-1342.4	5870	9.2	210317.2	-1342.2
5691	9.7	202334.6	-1342.4	5781	9.1	204445.8	-1346.7	5871	9.4	210319.1	-1318.0
5692	9.3	202346.3	-1357.9	5782	9.8	204456.9	-1350.9	5872	9.5	210337.1	-1327.5
5693	10.	202346.7	-1337.0	5783	20.0	204528.7	-1305.2	5873	8.9	210353.7	-1333.0
5694	9.7	202430.0	-1311.7	5784	9.8	204547.3	-1352.5	5874	9.2	210453.4	-1309.2
5695	9.1	202430.2	-1309.5	5785	9.1	204548.6	-1307.0	5875	9.5	210457.1	-1310.7
5696	8.8	202458.0	-1356.1	5786	8.5	204550.3	-1344.7	5876	9.4	210459.2	-1359.3
5697	9.5	202500.7	-1359.3	5787	9.1	204605.3	-1334.4	5877	9.1	210510.3	-1322.8
5698	9.6	202501.2	-1314.4	5788	8.7	204625.3	-1342.4	5878	8.8	210542.2	-1324.8
5699	10.	202522.8	-1308.3	5789	9.8	204713.4	-1330.5	5879	9.0	210600.5	-1307.9
5700	9.2	202546.9	-1312.7	5790	8.5	204721.9	-1348.7	5880	9.5	210609.5	-1311.0
5701	9.8	202601.5	-1347.9	5791	8.0	204741.0	-1324.8	5881	7.5	210612.9	-1303.8
5702	8.7	202609.8	-1352.7	5792	10.	204741.8	-1340.4	5882	9.5	210615.0	-1315.8
5703	8.5	202617.7	-1308.0	5793	8.9	204749.1	-1358.3	5883	10.	210624.0	-1304.4
5704	9.0	202633.1	-1353.1	5794	9.8	204825.2	-1316.0	5884	10.	210630.5	-1339.6
5705	9.8	202645.7	-1350.7	5795	10.	204839.3	-1320.5	5885	9.8	210642.7	-1316.2
5706	9.3	202650.6	-1332.6	5796	10.	204845.9	-1353.1	5886	9.3	210647.0	-1300.4
5707	9.6	202705.0	-1355.8	5797	10.	204848.7	-1327.8	5887	10.	210710.8	-1343.4
5708	9.5	202707.5	-1349.1	5798	9.4	204906.9	-1333.6	5888	8.6	210717.3	-1340.7
5709	8.5	202729.0	-1327.4	5799	10.	204935.7	-1326.5	5889	9.5	210722.4	-1355.8
5710	9.8	202753.8	-1317.2	5800	9.4	204957.8	-1329.3	5890	9.2	210744.3	-1341.7
5711	9.4	202815.1	-1334.6	5801	9.4	205003.2	-1357.6	5891	6.5	210802.9	-1347.9
5712	9.4	202821.8	-1316.9	5802	9.5	205003.4	-1355.4	5892	10.	210804.0	-1314.1
5713	7.8	202853.9	-1314.0	5803	8.5	205007.9	-1310.2	5893	9.5	210817.4	-1336.3
5714	9.1	202903.1	-1323.2	5804	9.0	205012.8	-1342.5	5894	9.8	210841.0	-1307.1
5715	9.6	202906.0	-1323.4	5805	9.0	205014.9	-1340.6	5895	10.	210846.9	-1349.5
5716	8.0	202912.0	-1340.9	5806	9.5	205017.5	-1351.8	5896	10.	210847.6	-1330.3
5717	9.5	202945.8	-1307.1	5807	7.5	205034.9	-1355.1	5897	6.7	210916.5	-1352.4
5718	9.8	202953.2	-1335.0	5808	9.7	205058.0	-1311.6	5898	9.8	210944.5	-1342.9
5719	9.5	203007.1	-1353.5	5809	9.5	205059.8	-1311.9	5899	10.	211013.0	-1308.4
5720	8.6	203021.4	-1307.8	5810	8.4	205105.9	-1346.1	5900	8.4	211023.6	-1355.4
5721	10.	203026.7	-1354.4	5811	9.3	205130.9	-1331.4	5901	8.2	211038.0	-1312.0
5722	9.5	203041.5	-1315.8	5812	9.5	205139.5	-1358.4	5902	9.1	211114.5	-1323.5
5723	9.5	203044.1	-1314.3	5813	6.8	205155.9	-1336.6	5903	9.3	211121.9	-1349.2
5724	8.5	203047.3	-1309.3	5814	9.3	205158.3	-1314.6	5904	7.2	211124.6	-1339.1
5725	9.6	203048.9	-1307.5	5815	9.8	205217.5	-1345.3	5905	9.4	211126.0	-1317.7
5726	10.	203119.6	-1317.0	5816	9.5	205222.1	-1353.1	5906	9.0	211141.0	-1324.6
5727	10.	203131.4	-1334.0	5817	9.5	205227.0	-1351.4	5907	9.8	211157.0	-1324.7
5728	9.5	203145.7	-1332.3	5818	9.4	205251.1	-1356.8	5908	9.5	211202.9	-1358.0
5729	9.1	203234.6	-1348.9	5819	9.5	205251.4	-1311.5	5909	9.3	211203.4	-1346.5
5730	9.8	203237.4	-1343.9	5820	9.8	205252.1	-1325.0	5910	8.6	211205.1	-1335.4
5731	9.8	203310.2	-1350.2	5821	9.5	205252.4	-1340.9	5911	9.1	211238.5	-1353.3
5732	9.5	203336.7	-1354.0	5822	9.0	205306.2	-1307.7	5912	8.0	211252.0	-1329.4
5733	9.5	203341.5	-1352.2	5823	9.7	205306.5	-1317.5	5913	9.8	211330.6	-1341.7
5734	9.0	203354.7	-1312.3	5824	9.4	205320.9	-1314.5	5914	9.8	211331.3	-1344.4
5735	10.	203430.8	-1350.8	5825	8.5	205330.2	-1306.1	5915	9.8	211342.2	-1335.8
5736	7.8	203437.7	-1336.1	5826	10.	205339.8	-1352.0	5916	9.3	211345.1	-1310.4
5737	10.	203511.9	-1357.0	5827	10.	205359.9	-1327.2	5917	9.8	211356.6	-1327.0
5738	9.8	203514.1	-1312.5	5828	9.5	205407.5	-1303.1	5918	10.	211357.4	-1359.8
5739	9.9	203515.7	-1310.2	5829	9.4	205424.2	-1302.7	5919	9.8	211431.2	-1350.4
5740	9.7	203530.8	-1313.4	5830	7.0	205429.2	-1300.6	5920	8.6	211502.3	-1322.9
5741	9.7	203531.5	-1353.6	5831	9.0	205436.7	-1304.5	5921	9.4	211528.6	-1320.8
5742	8.8	203533.4	-1359.3	5832	9.9	205515.2	-1349.3	5922	9.3	211554.7	-1325.8
5743	9.1	203535.8	-1357.4	5833	10.	205521.1	-1329.4	5923	6.0	211615.1	-1329.4
5744	9.2	203558.4	-1317.6	5834	9.4	205521.3	-1318.2	5924	8.7	211627.6	-1324.5
5745	9.5	203600.2	-1340.4	5835	9.8	205530.7	-1307.4	5925	9.2	211657.1	-1322.8
5746	9.1	203613.9	-1355.3	5836	9.5	205534.8	-1301.5	5926	9.2	211730.6	-1309.9
5747	9.6	203616.2	-1354.7	5837	8.0	205539.5	-1324.9	5927	9.4	211737.3	-1326.6
5748	9.1	203627.6	-1340.9	5838	9.9	205610.4	-1323.6	5928	9.0	211800.3	-1341.1
5749	10.	203634.8	-1317.5	5839	9.9	205614.2	-1305.6	5929	9.8	211825.8	-1343.8
5750	9.3	203721.6	-1354.2	5840	10.	205649.1	-1354.4	5930	9.8	211843.7	-1324.6
5751	9.6	203726.5	-1301.8	5841	8.8	205657.1	-1343.8	5931	8.8	211928.9	-1309.4
5752	9.9	203736.5	-1301.1	5842	9.6	205704.5	-1330.2	5932	10.	211954.8	-1357.9
5753	8.8	203816.3	-1320.2	5843	9.3	205713.0	-1318.3	5933	9.2	211957.3	-1315.2
5754	9.1	203826.0	-1305.5	5844	8.8	205724.7	-1319.3	5934	9.9	212018.4	-1304.2
5755	9.1	203829.6	-1319.4	5845	10.	205745.5	-1337.1	5935	9.8	212022.9	-1359.1
5756	10.	203846.6	-1318.7	5846	9.6	205813.2	-1302.2	5936	9.8	212043.4	-1303.7
5757	9.9	203914.6	-1359.8	5847	9.6	205817.1	-1349.5	5937	10.	212046.4	-1305.8
5758	9.5	203918.1	-1302.7	5848	8.7	205825.0	-1334.8	5938	9.0	212048.0	-1330.5
5759	10.	204010.0	-1314.2	5849	9.8	205854.1	-1334.5	5939	8.7	212049.5	-1313.0
5760	9.3	204015.1	-1333.8	5850	8.5	205901.0	-1315.7	5940	10.	212128.2	-1358.8
5761	8.9	204017.9	-1338.1	5851	8.5	205909.2	-1346.3	5941	8.8	212129.3	-1324.2
5762	9.5	204026.8	-1314.8	5852	9.5	205917.7	-1313.8	5942	9.1	212130.1	-1336.5
5763	9.3	204032.0	-1347.0	5853	9.0	205939.3	-1353.5	5943	10.	212139.0	-1332.4
5764	9.5	204032.1	-1306.5	5854	10.	205948.7	-1304.0	5944	9.4	212154.0	-1300.1
5765	9.8	204059.8	-1320.2	5855	10.	205952.1	-1350.5	5945	9.1	212201.2	-1307.7
5766	8.2	204105.0	-1308.6	5856	9.8	210010.7	-1314.5	5946	9.8	212224.5	-1336.5
5767	9.0	204120.7	-1334.9	5857	8.2	210017.1	-1327.5	5947	9.1	212237.0	-1303.0
5948	9.8	212239.8	-1322.7								
5949	9.2	212245.9	-1351.1								
5950	9.8	212247.6	-1343.6								
5951	9.5	212314.5	-1301.9								
5952	9.8	212318.3	-1324.0								
5953	8.2	212341.5	-1308.5								
5954	9.4	212352.9	-1341.9								
5955	8.3	212403.8	-1323.8								
5956	10.	212407.7	-1313.2								
5957	8.5	212418.2	-1340.8								
5958	9.5	212422.4	-1348.1								
5959	10.	212502.0	-1345.3								
5960	9.5	212504.0	-1352.8								
5961	9.0	212548.9	-1334.9								
5962	9.5	212549.1	-1314.5								
5963	9.3	212627.5	-1335.1								
5964	9.3	212636.2	-1354.9								
5965	9.5	212641.1	-1305.2								
5966	9.2	212654.9	-1312.9								
5967	9.4	212705.0	-1328.1								
5968	9.1	212706.9	-1355.2								
5969	9.1	212725.0	-1321.5								
5970	9.1	212725.8	-1334.0								
5971	10.	212735.0	-1351.3								
5972	8.7	212737.0	-1336.7								
5973	10.	212814.6	-1340.0								
5974	9.1	212902.6	-1312.8								
5975	9.8	212934.0	-1356.3								
5976	9.1	212936.1	-1327.1								
5977	9.4	212944.1	-1333.5								
5978	9.5	212955.7	-1301.8								
5979	9.5	212956.5	-1324.1								
5980	9.0	213012.6	-1351.4								
5981	9.8	213111.1	-1336.2								
5982	9.2	213115.7	-1300.4								
5983	9.2	213125.1	-1344.3								
5984	9.5	213137.5	-1316.1								
5985	8.3	213146.0	-1316.2								
5986	10.	213208.7	-1307.8								
5987	10.	213231.7	-1305.7								
5988	9.4	213233.3	-1311.2								
5989	10.	213243.2	-1336.5								
5990	9.3	213324.3	-1302.8								
5991	9.8	213348.2	-1338.6								
5992	9.4	213350.8	-1354.2								
5993	9.2	213406.1	-1302.6								
5994	10.	213407.8	-1327.4								
5995	9.8	213415.0	-1341.1								
5996	9.8	213421.1	-1300.6								
5997	10.	213427.8	-1330.5								
5998	10.	213435.7	-1320.7								
5999	9.4	213445.2	-1338.0								
6000	9.8	213452.9	-1336.8								
6001	9.8	213458.2	-1339.7								
6002	9.5	213526.1	-1356.0								
6003	9.5	213530.3	-1301.7								
6004	8.8	213534.6	-1324.8								
6005	10.	213655.3	-1355.9								
6006	10.	213656.3	-1335.7								
6007	9.6	213726.2	-1320.3								
6008	6.8	213729.3	-1326.6								
6009	9.3	213748.4	-1301.9								
6010	8.8	213755.5	-1311.7								
6011	10.	213758.2	-1350.2								
6012	7.7	213826.8	-1315.7								
6013	9.1	213837.9	-1345.4								
6014	9.5	213904.3	-1315.1								
6015	9.2	213906.2	-1310.2								
6016	10.	213906.4	-1304.4								
6017	9.3	213914.8	-1327.9								
6018	8.0	213935.4	-1347.4								
6019	9.1	213936.9	-1334.7								
6020	9.2	213948.9	-1314.5								
6021	10.	214008.4	-1351.9								
6022	9.3	214011.6	-1359.9								
6023	9.4	214011.9	-1339.7								
6024	9.9	214119.0	-1355.0								
6025	9.8	214133.0	-1351.5								
6026	9.3	214146.3	-1314.4								
6027	9.5	214150.4	-1323.6								
6028	10.	214158.2	-1344.5								
6029	9.0	214158.9	-1335.2								
6030	9.0	214201.4	-1341.0								
6031	10.	214209.0	-1305.9								
6032	10.	214250.0	-1305.9								
6033	9.4	214330.2	-1311.8								
6034	10.	214345.5	-1303.6								
6035	9.3	214348.2	-1328.5								
6036	9.7	214433.1	-1312.1								
6037	8.5	214504.5	-1339.3								

-13 6038 21h45m

-13 6397 23h16m

6038	9.3	214515.7	-1357.9	6128	9.7	220437.9	-1301.8	6218	9.4	222620.7	-1325.2
6039	9.8	214516.9	-1330.6	6129	9.2	220443.6	-1319.5	6219	9.5	222743.9	-1342.8
6040	9.4	214518.1	-1357.7	6130	8.5	220513.4	-1344.1	6220	9.5	222752.8	-1338.4
6041	9.7	214521.5	-1315.6	6131	9.7	220515.2	-1342.5	6221	9.4	222804.5	-1347.0
6042	9.9	214523.7	-1356.4	6132	9.1	220535.2	-1343.4	6222	8.5	222805.0	-1337.2
6043	9.9	214544.1	-1301.6	6133	9.4	220548.7	-1305.7	6223	9.2	222831.1	-1341.8
6044	9.1	214558.7	-1335.2	6134	9.6	220555.9	-1346.4	6224	8.8	222837.1	-1302.7
6045	9.0	214615.3	-1332.5	6135	9.2	220600.6	-1356.3	6225	9.3	222905.2	-1308.2
6046	8.8	214700.8	-1334.2	6136	9.0	220601.3	-1325.0	6226	8.0	222922.9	-1338.8
6047	9.8	214730.6	-1305.1	6137	10.	220638.0	-1308.1	6227	9.5	222942.9	-1329.5
6048	9.2	214736.3	-1317.6	6138	9.3	220638.7	-1304.4	6228	10.	223006.3	-1335.8
6049	9.6	214756.7	-1318.2	6139	9.9	220708.7	-1306.4	6229	9.5	223008.1	-1318.4
6050	9.4	214810.7	-1359.5	6140	9.0	220732.8	-1327.6	6230	8.7	223011.7	-1356.7
6051	9.8	214814.2	-1303.0	6141	9.2	220732.8	-1343.9	6231	9.1	223027.9	-1322.1
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6053	9.5	214841.8	-1331.9	6143	9.8	220755.7	-1309.7	6233	10.	223135.4	-1334.3
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6055	8.6	214912.5	-1340.1	6145	9.0	220803.0	-1357.4	6235	8.0	223151.3	-1321.6
6056	9.5	214917.2	-1344.3	6146	9.3	220904.3	-1323.0	6236	9.0	223201.2	-1302.6
6057	10.	214926.5	-1320.6	6147	9.8	220822.1	-1343.2	6237	10.	223234.5	-1315.0
6058	9.7	214931.9	-1359.1	6148	6.0	220901.9	-1332.8	6238	10.	223237.1	-1303.5
6059	8.6	215006.6	-1336.7	6149	9.0	220904.3	-1344.5	6239	9.3	223302.3	-1319.6
6060	7.3	215035.0	-1321.2	6150	9.8	220920.7	-1315.7	6240	9.5	223314.1	-1351.0
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6063	9.5	215036.6	-1351.3	6153	9.5	220946.3	-1356.6	6243	9.2	223352.3	-1317.5
6064	8.0	215039.8	-1356.7	6154	9.3	220949.4	-1328.8	6244	8.8	223403.0	-1328.3
6065	9.5	215100.0	-1353.7	6155	9.3	221027.6	-1340.0	6245	9.8	223406.4	-1301.1
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6068	10.	215159.0	-1308.8	6158	9.5	221114.0	-1306.4	6248	9.4	223457.7	-1352.3
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6077	10.	215336.0	-1354.4	6167	9.5	221341.6	-1339.2	6257	9.0	223622.2	-1326.6
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6423	9.3	232441.4	-1353.3	6513	9.4	235730.4	-1332.1	82	9.9	02506.8	-1421.8	172	8.9	05055.2	-1452.0
6424	9.9	232457.8	-1303.4	6514	10.	235753.2	-1313.4	83	8.0	02524.3	-1417.2	173	8.5	05130.7	-1455.9
6425	9.8	232518.1	-1336.5	6515	9.8	235811.2	-1350.4	84	8.3	02529.4	-1403.1	174	8.4	05135.5	-1426.8
6426	9.6	232519.3	-1312.8	6516	9.4	235827.4	-1334.2	85	9.4	02551.3	-1432.5	175	9.5	05139.8	-1428.2
6427	9.4	232542.7	-1311.4	6517	9.5	235838.0	-1334.8	86	9.4	02601.2	-1451.4	176	9.8	05157.0	-1440.5
6428	6.3	232543.3	-1324.7	6518	9.7	235855.1	-1336.6	87	10.	02604.7	-1452.8	177	9.9	05200.5	-1408.5
6429	8.7	232550.9	-1328.1	6519	9.4	235906.3	-1340.1	88	10.	02620.3	-1410.9	178	9.8	05209.2	-1408.5
6430	9.4	232601.1	-1327.1	6520	9.5	235934.6	-1354.6	89	10.	02621.9	-1424.5	179	9.8	05219.8	-1439.6
6431	8.7	232703.6	-1307.3	6521	9.6	235944.7	-1311.3	90	9.9	02718.0	-1414.2	180	9.9	05220.3	-1431.2
6432	9.3	232714.3	-1317.3	1	9.5	00006.4	-1459.8	91	9.3	02730.3	-1438.1	181	9.6	05221.3	-1445.9
6433	9.3	232725.7	-1355.7	2	10.	00019.0	-1428.6	92	9.8	02737.4	-1431.4	182	9.7	05222.2	-1413.7
6434	9.4	232814.3	-1343.7	3	10.	00034.2	-1450.4	93	10.	02744.8	-1425.5	183	10.	05305.3	-1428.5
6435	9.3	232825.0	-1354.5	4	9.8	00102.0	-1436.0	94	9.8	02752.4	-1423.6	184	9.0	05309.8	-1422.7
6436	9.1	232900.1	-1318.2	5	8.8	00133.9	-1416.8	95	10.	02758.1	-1408.9	185	9.8	05328.3	-1406.2
6437	9.9	232928.9	-1321.9	6	9.1	00204.9	-1449.9	96	8.9	02807.6	-1442.9	186	9.9	05338.8	-1409.1
6438	9.8	232939.4	-1322.7	7	8.5	00211.1	-1458.9	97	9.9	02808.8	-1453.5	187	8.8	05344.8	-1425.9
6439	5.5	233009.0	-1352.0	8	9.8	00232.8	-1429.2	98	9.5	02816.9	-1438.3	188	9.7	05400.4	-1422.3
6440	9.1	233010.7	-1300.6	9	8.8	00251.6	-1426.8	99	9.7	02825.1	-1440.9	189	9.8	05410.1	-1418.7
6441	9.6	233021.5	-1325.0	10	9.9	00254.3	-1442.3	100	9.7	03004.8	-1441.4	190	9.2	05439.8	-1446.8
6442	9.3	233026.0	-1318.4	11	8.5	00258.0	-1447.7	101	9.3	03031.0	-1430.0	191	8.0	05440.7	-1454.9
6443	9.8	233032.8	-1318.3	12	9.4	00258.3	-1443.3	102	9.6	03034.0	-1418.0	192	8.8	05450.3	-1407.0
6444	9.5	233146.4	-1307.1	13	9.3	00301.1	-1432.0	103	9.8	03113.5	-1409.4	193	9.8	05507.8	-1434.5
6445	10.	233223.5	-1305.3	14	9.3	00321.3	-1444.8	104	10.	03147.1	-1441.9	194	10.	05527.7	-1426.0
6446	9.2	233257.1	-1348.9	15	9.5	00329.6	-1430.1	105	8.9	03149.4	-1403.0	195	9.8	05547.5	-1442.1
6447	9.1	233300.7	-1345.5	16	7.9	00330.1	-1442.4	106	9.2	03151.5	-1436.1	196	10.	05607.4	-1435.5
6448	9.1	233305.5	-1325.7	17	8.9	00346.5	-1419.6	107	8.9	03212.4	-1424.7	197	9.1	05611.9	-1425.5
6449	9.4	233403.0	-1346.6	18	9.8	00351.4	-1451.4	108	9.7	03214.5	-1428.5	198	9.8	05639.5	-1444.4
6450	9.2	233410.1	-1322.1	19	6.8	00439.6	-1437.3	109	9.6	03242.6	-1428.9	199	9.3	05639.7	-1415.4
6451	9.8	233450.0	-1320.3	20	9.6	00443.0	-1405.8	110	8.0	03246.6	-1440.9	200	10.	05650.0	-1434.8
6452	10.	233517.7	-1311.6	21	9.1	00502.6	-1419.2	111	9.6	03303.0	-1441.5	201	9.6	05712.9	-1442.3
6453	9.4	233533.3	-1333.0	22	9.5	00511.7	-1400.4	112	9.8	03303.5	-1406.1	202	10.	05728.4	-1407.0
6454	9.0	233541.9	-1300.9	23	7.8	00512.9	-1425.0	113	8.7	03309.4	-1451.5	203	7.0	05750.5	-1432.1
6455	8.8	233619.7	-1348.9	24	9.5	00535.7	-1406.8	114	9.9	03319.2	-1446.1	204	10.	05759.8	-1420.7
6456	9.5	233631.8	-1331.6	25	9.3	00542.5	-1451.7	115	10.	03337.1	-1408.4	205	9.8	05805.0	-1459.1
6457	8.5	233641.0	-1359.2	26	9.1	00659.6	-1415.4	116	10.	03350.8	-1409.6	206	9.5	05822.7	-1401.6
6458	9.9	233733.7	-1328.9	27	9.4	00701.5	-1408.0	117	9.0	03417.0	-1427.2	207	9.5	05829.4	-1415.2
6459	9.4	233743.4	-1350.8	28	10.	00713.3	-1417.5	118	9.8	03427.1	-1412.0	208	10.	05846.5	-1430.3
6460	10.	233745.9	-1332.0	29	7.0	00724.7	-1458.8	119	9.4	03437.0	-1449.8	209	9.6	05851.0	-1445.5
6461	8.5	233905.2	-1333.7	30	9.5	00735.3	-1431.7	120	9.5	03452.1	-1454.6	210	10.	05858.1	-1417.6
6462	9.2	233923.6	-1314.9	31	9.3	00813.2	-1424.7	121	9.5	03526.2	-1437.9	211	9.0	05934.0	-1420.5
6463	9.5	234020.7	-1345.9	32	8.7	00841.5	-1451.9	122	9.7	03533.0	-1402.8	212	8.6	05943.5	-1454.1
6464	9.1	234055.0	-1347.8	33	9.0	00853.2	-1417.8	123	9.5	03654.7	-1457.1	213	9.6	10002.5	-1416.4
6465	9.4	234152.3	-1325.9	34	9.8	00910.4	-1446.4	124	7.3	03709.1	-1412.4	214	9.7	10010.7	-1447.3
6466	9.3	234210.3	-1309.3	35	7.0	00911.5	-1412.0	125	9.8	03724.8	-1449.2	215	9.7	10015.6	-1440.4
6467	9.6	234223.6	-1333.9	36	9.4	00911.7	-1417.1	126	9.1	03803.7	-1439.2	216	8.2	10027.5	-1456.7
6468	9.4	234248.8	-1345.4	37	10.	00938.2	-1425.1	127	9.3	03806.4	-1400.8	217	10.	10042.6	-1441.0
6469	9.4	234249.2	-1305.6	38	9.1	00950.5	-1454.8	128	9.8	03812.3	-1446.4	218	9.2	10053.1	-1401.0
6470	9.3	234256.8	-1320.8	39	9.8	01002.1	-1400.7	129	9.2	03822.8	-1440.9	219	8.7	10058.5	-1401.7
6471	7.1	234302.5	-1355.3	40	10.	01016.2	-1424.5	130	10.	03832.2	-1428.5	220	9.8	10108.6	-1417.8
6472	8.6	234327.4	-1337.5	41	10.	01029.6	-1442.5	131	9.8	03855.3	-1423.2	221	9.9	10157.2	-1426.2
6473	9.3	234435.6	-1313.1	42	6.5	01032.7	-1415.6	132	9.8	03926.3	-1438.3	222	9.8	10251.2	-1450.8
6474	9.3	234453.7	-1334.6	43	10.	01100.6	-1457.6	133*	8.3	03926.8	-1433.1	223	8.6	10251.6	-1447.4
6475	9.6	234520.0	-1351.8	44	9.1	01100.6	-1403.9	134	8.6	03953.7	-1454.0	224	9.4	10334.7	-1448.6
6476	9.4	234524.1	-1356.0	45	9.3	01131.1	-1444.3	135	9.3	04002.5	-1455.0	225	6.8	10405.7	-1416.2
6477	10.	234604.3	-1312.4	46	9.8	01136.2	-1459.1	136	9.8	04002.9	-1437.1	226	10.	10437.3	-1439.9
6478	10.	234631.2	-1311.6	47	9.3	01211.8	-1408.7	137	9.5	04016.2	-1401.9	227	9.1	10440.1	-1427.8
6479	10.	234631.6	-1314.5	48	8.8	01237.3	-1438.0	138	9.6	04024.0	-1402.7	228	8.3	10453.7	-1423.8
6480	9.4	234644.3	-1341.0	49	8.5	01325.3	-1426.4	139	9.2	04025.8	-1454.3	229	10.	10529.2	-1414.9
6481	9.4	234645.1	-1346.1	50	9.3	01423.8	-1412.9	140	9.3	04037.3	-1407.9	230	10.	10535.2	-1415.1
6482	9.9	234722.8	-1303.2	51	9.5	01439.0	-1406.9	141	9.7	04041.8	-1418.6	231	8.9	10542.5	-1447.9
6483	9.3	234730.5	-1346.3	52	9.4	01439.2	-1447.6	142	9.3	04106.1	-1454.3	232	9.7	10547.7	-1442.2
6484	10.	234730.8	-1327.4	53	9.8	01448.3	-1404.4	143	9.3	04127.3	-1459.2	233	8.7	10553.9	-1443.8
6485	7.2	234818.7	-1357.3	54	9.8	01448.7	-1418.0	144	10.	04159.6	-1408.5	234	10.	10626.3	-1426.4
6486	9.4	234826.5	-1312.0	55	8.5	01449.9	-1415.7	145	5.3	04208.4	-1420.7	235	7.0	10649.1	-1414.6
6487	7.8	234834.1	-1317.3	56	8.8	01531.4	-1419.4	146	9.4	04244.4	-1415.9	236	10.	10703.7	-1400.6

237	10.	10722.7	-1442.5	327	9.4	13710.5	-1405.6	417	10.	21001.6	-1405.2
238	9.1	10739.2	-1431.1	328	8.4	13746.9	-1433.6	418	9.6	21002.5	-1409.9
239	9.4	10800.5	-1404.3	329	9.3	13833.3	-1452.1	419	8.6	21006.3	-1453.4
240	8.7	10810.9	-1440.2	330	9.5	13855.1	-1410.5	420	9.5	21010.2	-1445.5
241	9.8	10814.3	-1416.8	331	9.7	13906.7	-1405.7	421	9.1	21035.2	-1442.8
242	9.5	10829.4	-1446.5	332	9.1	13921.1	-1450.8	422	9.8	21054.4	-1403.5
243	10.	10845.7	-1418.2	333	8.2	13922.9	-1413.6	423	7.2	21110.0	-1448.3
244	8.4	10915.7	-1418.9	334	9.4	13935.1	-1404.6	424	9.0	21152.1	-1455.1
245	9.3	10927.7	-1444.9	335	6.8	13953.5	-1436.8	425	9.8	21204.1	-1404.1
246	9.5	10950.2	-1419.5	336	9.2	14059.2	-1455.9	426	8.8	21212.7	-1458.5
247	9.8	10950.5	-1440.4	337	8.2	14236.3	-1457.0	427	9.8	21229.7	-1400.7
248	9.0	10952.3	-1457.3	338	9.6	14251.2	-1430.2	428	9.5	21315.0	-1433.5
249	9.9	11000.6	-1402.2	339	8.2	14301.0	-1425.1	429	9.4	21325.7	-1400.2
250	10.	11007.7	-1401.8	340	9.8	14343.6	-1430.7	430	9.2	21358.2	-1454.5
251	9.8	11026.3	-1428.0	341	9.3	14346.9	-1416.0	431	9.8	21402.9	-1426.1
252	7.8	11132.1	-1409.5	342	9.0	14419.3	-1409.9	432	10.	21423.3	-1452.6
253	9.4	11136.9	-1417.3	343	8.5	14421.9	-1422.2	433	10.	21436.5	-1440.5
254	9.3	11220.2	-1405.9	344	9.1	14437.9	-1416.2	434	7.0	21452.0	-1456.9
255	8.9	11235.0	-1402.7	345	9.1	14448.9	-1405.9	435	10.	21456.8	-1456.0
256	9.8	11307.6	-1451.9	346	8.9	14504.2	-1447.6	436	9.4	21459.0	-1403.2
257	9.2	11324.2	-1406.2	347	9.8	14524.0	-1417.8	437	9.4	21506.3	-1415.7
258	7.0	11330.8	-1439.0	348	10.	14532.9	-1412.7	438	9.5	21512.0	-1448.3
259	9.5	11334.2	-1459.8	349	10.	14558.0	-1427.4	439	9.3	21519.7	-1410.3
260	9.0	11345.1	-1405.0	350	9.6	14613.0	-1402.9	440	8.5	21530.8	-1405.2
261	9.8	11407.7	-1410.3	351	9.8	14614.5	-1407.2	441	9.8	21543.9	-1421.3
262	9.5	11429.0	-1436.0	352	9.1	14625.8	-1435.5	442	8.8	21558.0	-1425.2
263	9.1	11439.4	-1419.2	353	9.4	14654.7	-1407.5	443	9.5	21624.9	-1422.1
264	9.8	11440.3	-1409.0	354	9.0	14656.6	-1455.5	444	8.9	21641.4	-1446.0
265	8.4	11510.3	-1444.3	355	8.8	14733.3	-1423.2	445	10.	21645.0	-1450.6
266	9.4	11528.3	-1413.9	356	8.3	14734.6	-1437.9	446	9.6	21648.5	-1428.2
267	9.8	11555.2	-1408.3	357	9.2	14754.1	-1405.8	447	9.2	21732.6	-1413.8
268	9.0	11601.7	-1452.1	358	8.5	14815.8	-1449.2	448	9.9	21755.5	-1444.4
269	7.9	11616.8	-1457.9	359	9.7	14817.5	-1458.3	449	9.0	21803.4	-1418.3
270	8.5	11620.7	-1441.4	360	9.5	14849.2	-1420.4	450	9.9	21810.2	-1403.2
271	9.3	11648.6	-1431.1	361	9.5	14903.6	-1441.6	451	9.3	21812.4	-1441.3
272	10.	11727.9	-1413.9	362	9.5	14930.8	-1435.6	452	9.4	21840.9	-1413.8
273	10.	11739.1	-1429.5	363	8.9	14933.9	-1453.6	453	8.7	21847.3	-1432.5
274	8.5	11808.0	-1424.6	364	8.7	15001.6	-1450.4	454	10.	21849.0	-1437.1
275	9.5	11817.7	-1444.5	365	9.2	15013.0	-1401.8	455	8.8	21929.2	-1422.0
276	8.2	11828.9	-1408.7	366	9.0	15058.6	-1459.6	456	10.	22017.4	-1437.5
277	9.5	11900.6	-1441.6	367	9.8	15101.4	-1426.1	457	9.3	22022.7	-1446.5
278	9.5	11901.5	-1423.9	368	9.0	15120.8	-1444.5	458	9.5	22033.8	-1409.8
279	9.5	11901.5	-1400.4	369	9.1	15133.2	-1438.3	459	8.6	22043.6	-1419.6
280	9.7	11905.2	-1440.2	370	9.4	15217.1	-1402.6	460	9.8	22050.9	-1437.7
281	8.0	11908.3	-1438.6	371	7.0	15228.3	-1434.3	461	9.7	22110.6	-1441.5
282	10.	11929.5	-1442.3	372	8.3	15243.8	-1401.5	462	9.5	22119.3	-1431.4
283	9.6	12000.3	-1404.3	373	7.8	15302.5	-1415.1	463	8.3	22122.4	-1451.2
284	9.0	12034.6	-1419.1	374	9.6	15316.8	-1433.2	464	9.8	22140.1	-1417.8
285	8.8	12136.1	-1422.9	375	10.	15320.5	-1422.0	465	9.4	22204.7	-1426.9
286	8.5	12148.4	-1446.9	376	10.	15339.7	-1431.9	466	9.3	22206.9	-1410.8
287	9.6	12149.3	-1402.5	377	10.	15403.2	-1434.8	467	10.	22252.9	-1445.5
288	9.2	12205.2	-1420.3	378	8.8	15452.5	-1442.8	468	8.2	22300.5	-1437.3
289	9.5	12245.0	-1458.1	379	9.1	15459.3	-1402.2	469	9.5	22304.8	-1434.0
290	8.5	12323.0	-1449.4	380	9.3	15501.9	-1402.0	470	9.2	22412.9	-1456.2
291	10.	12331.9	-1444.1	381	10.	15516.4	-1428.1	471	9.1	22424.1	-1455.3
292	9.0	12337.5	-1454.9	382	9.3	15538.5	-1424.8	472	9.2	22438.6	-1418.2
293	10.	12417.4	-1430.6	383	9.8	15558.7	-1407.9	473	9.4	22526.1	-1438.9
294	8.5	12427.3	-1426.0	384	9.6	15706.8	-1416.2	474	9.3	22542.1	-1442.0
295	9.5	12452.1	-1458.5	385	10.	15712.7	-1404.4	475	9.7	22602.4	-1458.3
296	9.5	12618.5	-1457.1	386	8.0	15730.2	-1430.3	476	9.3	22657.1	-1440.6
297	9.3	12619.8	-1458.5	387	9.0	15743.1	-1447.1	477	9.2	22659.4	-1441.3
298	9.0	12756.6	-1438.4	388	9.7	15746.9	-1413.8	478	7.7	22707.0	-1448.5
299	7.3	12816.7	-1407.4	389	9.1	15821.9	-1437.6	479	8.9	22715.3	-1409.5
300	9.7	12823.0	-1441.3	390	9.5	15833.3	-1458.5	480	9.5	22727.2	-1459.5
301	10.	12846.2	-1407.9	391	8.4	15844.1	-1449.4	481	8.3	22728.5	-1426.2
302	9.1	12857.9	-1419.7	392	9.2	15850.2	-1452.3	482	9.1	22733.9	-1443.9
303	9.2	12939.9	-1404.7	393	9.5	15909.5	-1418.0	483	9.8	22809.3	-1423.2
304	9.2	12939.9	-1449.4	394	8.4	15929.9	-1435.7	484	9.8	22816.4	-1424.4
305	9.2	12947.5	-1425.5	395	9.3	20023.0	-1441.8	485	8.5	22820.5	-1427.2
306	9.5	13010.4	-1414.1	396	9.5	20033.1	-1432.8	486	9.1	22824.1	-1436.1
307	9.3	13045.3	-1454.2	397	9.3	20037.3	-1434.5	487	10.	22845.4	-1426.3
308	9.8	13052.3	-1407.2	398	8.5	20058.9	-1456.5	488	9.4	22915.1	-1410.4
309	10.	13117.3	-1448.7	399	9.3	20103.2	-1428.5	489	10.	22930.4	-1427.4
310	9.4	13156.9	-1409.4	400	9.5	20114.2	-1410.2	490	9.3	22934.9	-1439.7
311	8.4	13157.0	-1439.4	401	9.5	20305.0	-1456.1	491	9.2	22956.3	-1403.7
312	8.9	13227.2	-1416.9	402	8.8	20305.5	-1408.6	492	9.5	23035.1	-1456.4
313	9.4	13258.9	-1431.2	403	9.8	20450.9	-1409.0	493	9.4	23040.2	-1438.0
314	9.4	13305.9	-1411.0	404	9.1	20501.6	-1438.9	494	9.1	23117.8	-1437.4
315	9.2	13315.0	-1448.0	405	9.4	20506.2	-1418.6	495	9.0	23139.4	-1456.0
316	9.5	13324.3	-1441.5	406	9.5	20517.5	-1411.7	496	8.7	23204.3	-1414.8
317	9.8	13403.7	-1424.1	407	9.5	20550.6	-1459.7	497	7.8	23229.8	-1454.4
318	9.1	13447.9	-1443.9	408	9.3	20606.1	-1448.5	498	8.9	23256.3	-1454.1
319	9.2	13526.9	-1452.7	409	9.3	20611.1	-1438.2	499	9.5	23304.1	-1406.2
320	9.5	13528.3	-1411.6	410	9.5	20749.8	-1432.4	500	9.4	23307.2	-1412.7
321	9.5	13530.6	-1440.6	411	9.5	20810.0	-1405.5	501	9.9	23319.2	-1403.0
322	10.	13600.4	-1447.5	412	9.8	20811.8	-1451.1	502	9.8	23322.4	-1439.1
323	9.0	13619.2	-1425.8	413	9.4	20821.8	-1452.3	503	9.1	23339.9	-1418.4
324	9.5	13624.5	-1453.3	414	9.6	20831.7	-1419.0	504	9.8	23342.1	-1430.8
325	9.8	13641.4	-1441.7	415	9.1	20906.1	-1405.7	505	9.9	23355.3	-1429.7
326	9.0	13703.6	-1455.8	416	9.8	20909.3	-1453.9	506	9.8	23358.0	-1419.5
507	8.5	23433.2	-1407.9								
508	8.5	23451.4	-1413.9								
509	9.8	23507.1	-1453.1								
510	9.9	23508.1	-1441.2								
511	9.5	23511.1	-1406.3								
512	8.8	23529.4	-1417.4								
513	10.	23551.2	-1427.5								
514	9.4	23600.1	-1405.4								
515	9.9	23614.7	-1441.0								
516	9.5	23623.4	-1414.5								
517	9.3	23704.7	-1448.6								
518	9.5	23707.3	-1412.3								
519	4.0	23712.9	-1428.0								
520	9.3	23733.4	-1405.4								
521	8.7	23736.7	-1417.9								
522	9.7	23756.8	-1424.4								
523	8.6	23801.3	-1412.7								
524	8.3	23833.1	-1436.4								
525	9.2	23848.7	-1433.2								
526	9.3	23859.8	-1405.4								
527	7.7	23941.5	-1435.2								
528	10.	23950.8	-1438.9								
529	9.0	24006.5	-1434.1								
530	9.3	24022.5	-1459.8								
531	9.1	24024.7	-1451.9								
532	10.	24033.6	-1410.0								
533	9.1	24110.9	-1450.1								
534	10.	24113.5	-1447.1								
535	9.4	24130.3	-1423.6								
536	9.3	24131.7	-1414.2								
537	9.5	24134.6	-1442.4								
538	9.2	24222.4	-1438.4								
539	9.3	24237.2	-1402.1								
540	9.8	24245.5	-1453.2								
541	7.5	24304.4	-1427.2								
542	9.8	24306.6	-1403.3								
543	9.0	24309.3	-1418.1								
544	9.4	24325.2	-1430.6								
545	9.3	24346.4	-1448.7								
546	9.6	24405.1	-1412.3								
547	10.	24418.2	-1429.6								
548	10.	24526.5	-1457.6								
549	9.8	24531.7	-1448.3								
550	9.2	24534.5	-1443.0								
551	9.0	24540.2	-1444.8								
552	10.	24559.9	-1435.5								
553	9.5	24621.1	-1439.5								
554	9.9	24623.4	-1435.8								
555	9.0	24636.9	-1451.0								
556	9.1	24759.3	-1435.8								
557	6.8	24801.8	-1436.9								
558	9.7	24808.4	-1407.9								
559	9.2	24817.8	-1415.0								
560	9.1	24824.8	-1400.4								
561	9.3	24833.0	-1449.9								
562	9.4	24844.1	-1440.9								
563	10.	24846.8	-1447.2								
564	7.9	24901.2	-1417.2								
565	9.4	24905.2	-1451.5								
566	9.3	24950.9	-1405.1								
567	9.2	24955.2	-1405.0								
568	10.	25020.1	-1415.2								
569	9.4	25037.6	-1440.0								
570	9.4	25132.7	-1403.5								
571	9.3	25141.5	-1403.0								
572	9.7	25157.5	-1403.8								
573	9.4	25205.4	-1400.2								
574	9.5	25225.6	-1427.5								
575	9.8	25243.4	-1426.9								
576	6.9	25303.2	-1415.8								
577	9.5	25334.4	-1439.1								
578	9.6	25335.3	-1410.3								
579	9.9	25351.7	-1445.3								
580	9.3	25353.6	-1420.3								
581	9.8	25410.6	-1450.3								
582	9.6	25422.3	-1401.2								
583	9.5	25431.1	-1444.2								
584	9.1	25435.6	-1443.9								
585	10.	25442.2	-1413.0								
586	9.1	25444.3	-1427.7								
587	9.1	25449.2	-1410.1								
588	9.5	25454.1	-1438.7								
589	8.6	25532.2	-1450.0								
590	9.5	25532.5	-1412.7								
591	7.8	25535.7	-1406.1								
592	9.8	25537.4	-1454.4								
593	8.9	25559.0	-1458.9								
594	9.5	25612.8	-1417.5								
595	9.7	25621.1	-1429.7								
596	9.1	25659.0	-1448.1								

597	9.1	25720.3	-1409.6	687	9.5	32331.4	-1436.7	777	9.5	34804.3	-1447.6	867	9.5	41200.9	-1454.3
598	8.2	25815.2	-1457.9	688	9.0	32422.6	-1450.8	778	9.1	34814.3	-1453.2	868	9.8	41206.3	-1429.7
599	9.0	25833.7	-1454.8	689	9.1	32428.9	-1436.6	779	9.5	34818.9	-1428.4	869	9.2	41207.0	-1449.9
600	9.2	25909.5	-1405.3	690	10.	32552.1	-1412.5	780	9.0	34849.9	-1431.3	870	9.8	41223.6	-1431.7
601	7.6	25912.3	-1400.2	691	9.3	32613.7	-1408.8	781	8.5	34924.7	-1411.4	871	9.5	41259.9	-1455.9
602	10.	25927.9	-1436.8	692	9.3	32614.9	-1450.3	782	9.0	34928.8	-1421.3	872	7.7	41313.4	-1456.4
603	9.8	25942.6	-1422.0	693	9.5	32620.8	-1454.2	783	6.8	34942.6	-1401.2	873	9.4	41328.5	-1409.1
604	6.5	30027.5	-1418.8	694	9.1	32624.1	-1444.6	784	9.7	34951.2	-1439.2	874	9.3	41351.2	-1435.5
605	9.3	30059.3	-1431.5	695	9.7	32627.7	-1443.9	785	10.	35008.8	-1444.9	875	8.5	41402.7	-1434.4
606	9.3	30147.3	-1451.5	696	8.8	32636.3	-1406.1	786	8.7	35021.3	-1403.1	876	10.	41404.0	-1457.3
607	9.7	30212.3	-1400.7	697	8.8	32645.4	-1457.8	787	9.3	35022.4	-1400.7	877	9.8	41418.6	-1435.9
608	9.6	30243.1	-1450.3	698	9.8	32708.3	-1443.1	788	9.4	35053.1	-1435.6	878	9.5	41422.9	-1422.0
609	9.8	30244.9	-1436.5	699	8.7	32720.5	-1419.5	789	9.4	35054.3	-1403.9	879	9.8	41424.6	-1449.9
610	9.1	30320.7	-1424.8	700	10.	32725.4	-1406.1	790	10.	35056.7	-1437.8	880	9.5	41439.2	-1415.8
611	8.0	30349.8	-1457.8	701	10.	32747.2	-1428.4	791	10.	35120.4	-1413.0	881	7.5	41449.4	-1437.5
612	8.9	30401.9	-1407.2	702	10.	32818.5	-1409.1	792	9.5	35253.6	-1427.4	882	9.1	41454.5	-1458.3
613	9.7	30421.0	-1438.0	703	9.0	32952.4	-1403.8	793	10.	35301.7	-1406.4	883	9.8	41455.1	-1440.0
614	9.5	30422.5	-1410.5	704	9.1	32953.3	-1441.0	794	10.	35328.8	-1450.6	884	8.5	41502.4	-1452.5
615	9.4	30427.1	-1417.1	705	9.3	33000.1	-1409.8	795	9.8	35329.4	-1446.6	885	7.8	41508.3	-1413.5
616	9.7	30428.2	-1430.0	706	7.8	33001.6	-1435.2	796	9.8	35337.6	-1426.2	886	9.7	41529.2	-1436.3
617	7.7	30440.1	-1404.5	707	9.4	33006.3	-1400.8	797	9.0	35340.3	-1403.2	887	9.1	41529.4	-1413.4
618	10.	30457.6	-1416.7	708	8.9	33018.9	-1424.8	798	9.1	35343.5	-1456.4	888	9.8	41529.5	-1456.1
619	9.8	30504.4	-1432.4	709	9.8	33037.4	-1442.5	799	10.	35418.8	-1402.8	889	9.3	41542.9	-1415.9
620	8.7	30516.4	-1447.4	710	9.9	33058.5	-1457.9	800	9.7	35432.6	-1428.2	890	9.5	41608.2	-1443.8
621	9.4	30548.6	-1416.3	711	8.2	33104.4	-1426.8	801	9.1	35439.6	-1428.2	891	9.9	41700.3	-1407.0
622	9.2	30620.3	-1444.0	712	9.7	33118.0	-1431.8	802	9.8	35444.2	-1415.8	892	8.4	41703.7	-1421.3
623	9.8	30622.8	-1425.0	713	9.3	33127.5	-1427.2	803	9.1	35453.9	-1413.7	893	8.2	41710.0	-1421.3
624	9.5	30630.4	-1442.7	714	9.1	33129.7	-1437.0	804	9.5	35458.0	-1422.4	894	10.	41717.1	-1424.9
625	7.5	30647.1	-1411.2	715	9.0	33149.0	-1428.5	805	9.9	35504.0	-1448.6	895	9.8	41723.6	-1427.3
626	9.8	30713.9	-1422.2	716	10.	33206.1	-1431.6	806	10.	35529.5	-1401.1	896	9.5	41742.7	-1418.9
627	7.5	30801.8	-1459.0	717	9.6	33210.5	-1458.0	807	9.5	35547.5	-1453.0	897	8.9	41750.6	-1457.1
628	9.3	30805.0	-1432.3	718	9.5	33255.3	-1423.6	808	9.8	35612.8	-1406.5	898	9.5	41842.3	-1426.3
629	7.2	30815.4	-1422.1	719	10.	33306.2	-1406.3	809	10.	35633.0	-1448.3	899	9.3	41852.8	-1413.2
630	8.4	30827.5	-1402.2	720	9.4	33313.1	-1445.6	810	8.9	35731.9	-1414.8	900	9.5	41853.8	-1434.1
631	9.8	30856.5	-1430.6	721	9.0	33401.5	-1424.2	811	9.9	35733.8	-1434.6	901	9.0	41953.6	-1434.2
632	8.7	30906.1	-1441.3	722	9.2	33405.9	-1450.5	812	8.0	35736.9	-1440.0	902	9.6	42002.5	-1410.7
633	9.8	30910.1	-1400.0	723	9.8	33415.2	-1411.2	813	9.0	35801.4	-1439.1	903	8.1	42007.7	-1456.7
634	9.8	31019.8	-1416.0	724	9.8	33429.2	-1450.9	814	9.5	35850.6	-1419.1	904	10.	42038.5	-1411.0
635	9.7	31027.8	-1429.3	725	9.1	33431.0	-1453.0	815	10.	35857.1	-1410.4	905	9.9	42046.8	-1458.3
636	9.8	31030.4	-1401.1	726	8.9	33432.1	-1427.9	816	9.3	35858.2	-1426.0	906	10.	42119.2	-1451.0
637	9.3	31034.2	-1411.0	727	9.5	33441.9	-1422.8	817	9.9	35909.7	-1449.7	907	8.9	42137.3	-1418.0
638	9.2	31034.7	-1414.3	728	9.8	33443.3	-1404.0	818	8.8	35910.8	-1424.8	908	10.	42157.4	-1441.8
639	9.0	31056.2	-1438.9	729	7.2	33449.5	-1446.0	819	9.8	35917.7	-1429.7	909	9.1	42216.1	-1412.8
640	9.7	31119.9	-1424.0	730	9.8	33452.5	-1420.0	820	9.1	35957.2	-1447.7	910	9.4	42222.4	-1446.1
641	8.2	31125.4	-1421.9	731	9.8	33500.3	-1412.1	821	9.8	35958.0	-1427.0	911	9.5	42230.9	-1459.3
642	9.3	31126.0	-1412.3	732	7.2	33509.6	-1450.1	822	9.4	40023.4	-1409.5	912	9.1	42241.3	-1437.1
643	9.0	31135.9	-1424.4	733	9.5	33546.2	-1406.5	823	10.	40040.4	-1403.6	913	8.2	42241.8	-1422.5
644	10.	31138.3	-1439.3	734	9.5	33600.2	-1409.7	824	9.8	40050.1	-1456.3	914	9.2	42242.3	-1446.7
645	9.5	31141.7	-1411.0	735	9.3	33627.6	-1406.5	825	9.8	40057.2	-1422.6	915	9.2	42300.6	-1408.8
646	7.5	31153.3	-1446.9	736	9.5	33637.9	-1419.2	826	9.5	40145.3	-1430.9	916	8.7	42308.4	-1422.2
647	9.8	31242.3	-1403.1	737	9.7	33702.0	-1404.0	827	9.9	40205.5	-1444.4	917	9.7	42330.2	-1415.0
648	8.3	31318.9	-1440.1	738	9.0	33716.7	-1433.5	828	10.	40243.2	-1423.9	918	9.3	42338.1	-1408.5
649	9.7	31327.4	-1403.5	739	10.	33759.6	-1447.4	829	9.8	40308.9	-1407.0	919	9.5	42408.7	-1440.6
650	9.4	31328.2	-1431.0	740	9.5	33803.3	-1443.8	830	9.3	40343.0	-1408.5	920	9.2	42453.2	-1404.2
651	9.4	31337.3	-1446.9	741	9.0	33829.7	-1458.3	831	10.	40402.4	-1421.0	921	9.8	42459.1	-1424.7
652	9.3	31426.1	-1430.3	742	9.9	33830.0	-1406.6	832	7.7	40415.2	-1444.8	922	9.1	42533.8	-1444.8
653	8.8	31550.8	-1417.8	743	10.	33830.6	-1418.8	833	9.1	40452.7	-1455.8	923	9.0	42607.2	-1407.9
654	9.5	31555.5	-1425.1	744	10.	33834.9	-1426.3	834	8.8	40453.6	-1447.6	924	9.8	42622.1	-1400.2
655	9.5	31601.5	-1407.7	745	9.6	33914.2	-1455.7	835	10.	40508.9	-1410.7	925	9.3	42711.0	-1404.8
656	9.8	31602.0	-1450.9	746	9.4	33919.4	-1435.5	836	10.	40516.7	-1414.7	926	9.8	42903.2	-1455.0
657	7.4	31640.4	-1444.4	747	9.9	33924.1	-1438.0	837	8.0	40527.4	-1400.5	927	9.1	42912.6	-1404.5
658	8.8	31714.9	-1437.0	748	9.1	34000.5	-1415.8	838	9.5	40539.8	-1402.9	928	9.8	42951.9	-1417.7
659	9.5	31720.2	-1424.6	749	7.3	34012.7	-1455.9	839	9.8	40611.5	-1430.3	929	8.7	42955.4	-1457.0
660	9.1	31728.0	-1452.8	750	9.9	34026.0	-1430.7	840	8.3	40624.6	-1441.6	930	9.3	43001.9	-1443.3
661	6.3	31736.8	-1430.7	751	9.7	34059.0	-1445.2	841	9.4	40628.9	-1445.0	931	8.3	43027.8	-1424.7
662	9.8	31759.5	-1431.6	752	9.1	34144.1	-1406.3	842	9.8	40647.2	-1417.3	932	9.6	43116.6	-1447.8
663	8.5	31807.2	-1404.8	753	9.7	34144.9	-1402.9	843	9.5	40700.4	-1453.2	933	4.0	43132.3	-1435.5
664	9.8	31812.5	-1412.0	754	9.2	34204.2	-1419.5	844	8.5	40731.7	-1415.1	934	9.5	43142.5	-1423.2
665	7.9	31813.0	-1438.0	755	9.4	34214.5	-1438.9	845	9.4	40754.3	-1423.4	935	9.3	43229.5	-1440.5
666	9.8	31844.9	-1421.7	756	9.3	34257.7	-1441.6	846	8.6	40802.8	-1431.3	936	6.5	43239.2	-1438.5
667	9.4	31928.7	-1411.2	757	8.8	34259.1	-1419.7	847	9.1	40814.8	-1405.2	937	8.4	43258.2	-1452.9
668	9.6	31935.9	-1414.5	758	9.8	34346.6	-1422.1	848	8.7	40817.7	-1446.6	938	9.3	43310.9	-1428.7
669	8.9	31937.4	-1439.4	759	10.	34404.1	-1414.5	849	9.7	40847.4	-1402.1	939	9.3	43349.7	-1436.2
670	9.4	31944.2	-1451.9	760	10.	34416.3	-1406.3	850	10.	40903.9	-1454.3	940	9.5	43358.9	-1426.2
671	10.	31950.8	-1409.6	761	9.7	34435.4	-1443.8	851	9.8	40934.3	-1447.9	941	9.6	43425.2	-1446.9
672	9.7	31952.1	-1446.4	762	9.3	34503.0	-1412.0	852	9.8	40934.5	-1430.0	942	8.5	43435.3	-1413.1
673	9.5	31954.0	-1454.1	763	9.0	34507.8	-1401.4	853	9.8	40936.7	-1458.0	943	7.7	43456.9	-1458.2
674	10.	31958.0	-1421.3	764	9.6	34529.7	-1400.8	854	8.4	40939.7	-1417.5	944	9.6	43515.7	-1444.9
675	9.1	32002.1	-1454.8	765	8.0	34531.6	-1418.0	855	9.6	40953.5	-1409.1	945	9.6	43519.0	-1455.1
676	10.	32033.2	-1428.0	766	8.8	34610.4	-1433.0	856	9.7	41038.7	-1405.2	946	9.5	43545.5	-1452.6
677	6.8	32055.2	-1452.3	767	8.3	34618.6	-1406.2	857	10.	41039.3	-1409.7	947	9.8	43614.3	-1407.3
678	9.5	32110.0	-1456.9	768	9.3	34629.9	-1430.3	858	9.8	41043.8	-1411.0	948	9.8	43624.4	-1403.0
679	10.	32117.6	-1420.3	769	9.0	34656.2	-1421.5	859	10.	41044.7	-1408.5	949	9.5	43632.1	-1421.2
680	10.	32203.4	-1440.9	770	9.3	34658.4	-1426.7	860	9.7	41050.5	-1421.2	950	9.3	43700.3	-1430.1
681	9.5	32227.7	-1454.1	771	9.5	34708.0	-1408.6	861	10.	41110.3	-1410.5	951	8.3	43718.0	-1443.5
682	8.9	32259.2	-1455.8	772	8.0	34712.9	-1426.0	862	9.8	41125.4	-1451.6	952	9.1	43749.4	-1407.8
683	9.5	32300.3	-1458.0	773	9.7	34714.4	-1450.5	863	9.5	41129.5	-1420.2	953	9.4	43817.1	-1417.8
684	9.5	32309.4	-1413.1	774	10.	34745.9	-1412.4	864	9.4	41134.0	-1443.4	954	9.5	43820.0	-1415.5
685	9.8	32314.2	-1448.0	775	9.2	34747.1	-1415.0	865	9.5	41135.0	-1438.7	955	9.5	43825.6	-1419.3
686	9.9	32319.4	-1438.5	776	9.5	34752.0	-1434.9	866	6.8	41135.1	-1459.7	956	9.2	43832.5	-1418.2

957	9.3	43843.9	-1410.6	1047	9.7	50013.7	-1420.4	1137	9.5	52049.4	-1424.1	1227	10.	53845.8	-1403.8
958	8.7	43910.5	-1444.3	1048	10.	50026.8	-1424.9	1138	10.	52101.6	-1458.2	1228	8.7	53906.8	-1450.2
959	10.	43935.2	-1425.7	1049	10.	50030.8	-1425.8	1139	10.	52106.7	-1408.9	1229	9.4	53943.2	-1446.7
960	10.	43953.4	-1409.9	1050	9.3	50048.7	-1445.0	1140	10.	52112.9	-1409.3	1230	9.5	53952.2	-1438.5
961	9.9	44027.7	-1435.1	1051	7.5	50057.6	-1410.5	1141	9.0	52122.0	-1453.8	1231	9.4	54001.0	-1428.7
962	9.8	44043.9	-1436.7	1052	9.2	50137.8	-1427.1	1142	10.	52133.3	-1458.5	1232	4.0	54022.3	-1452.7
963	9.4	44103.8	-1402.2	1053	10.	50205.5	-1400.6	1143	9.5	52140.0	-1435.2	1233	8.5	54028.1	-1431.9
964	9.8	44211.0	-1421.4	1054	9.3	50222.1	-1405.5	1144	9.5	52159.7	-1411.1	1234	9.5	54043.4	-1456.7
965	9.8	44211.5	-1449.8	1055	8.3	50232.4	-1455.2	1145	9.5	52215.2	-1450.2	1235	9.3	54048.0	-1423.9
966	9.8	44224.3	-1408.9	1056	9.7	50254.8	-1423.0	1146	9.0	52231.8	-1416.1	1236	9.2	54054.2	-1445.3
967	9.7	44233.6	-1454.1	1057	10.	50301.7	-1441.4	1147	10.	52237.0	-1434.3	1237	9.3	54055.7	-1457.1
968	10.	44250.3	-1426.1	1058	9.5	50307.8	-1422.0	1148	9.8	52239.3	-1449.0	1238	9.3	54100.2	-1444.8
969	9.8	44256.4	-1427.6	1059	9.8	50316.7	-1441.7	1149	9.4	52250.8	-1448.6	1239	9.5	54103.9	-1455.3
970	6.5	44302.9	-1400.9	1060	9.8	50318.4	-1402.1	1150	9.8	52257.7	-1458.1	1240	9.3	54105.5	-1428.7
971	9.4	44317.5	-1405.0	1061	9.6	50344.9	-1431.3	1151	10.	52258.5	-1431.0	1241	9.5	54120.8	-1408.2
972	10.	44324.7	-1421.5	1062	9.3	50400.9	-1431.8	1152	10.	52333.9	-1426.1	1242	9.3	54124.2	-1438.6
973	9.2	44330.2	-1403.9	1063	9.5	50403.8	-1425.6	1153	10.	52339.4	-1410.8	1243	7.0	54205.0	-1421.5
974	9.6	44341.8	-1402.7	1064	9.1	50405.7	-1403.4	1154	9.4	52343.7	-1406.1	1244	9.8	54209.2	-1444.3
975	9.3	44352.9	-1447.4	1065	10.	50441.7	-1419.7	1155	9.3	52400.9	-1428.4	1245	9.2	54210.8	-1402.3
976	9.5	44422.9	-1416.8	1066	9.5	50458.6	-1406.3	1156	9.2	52406.2	-1407.8	1246	10.	54223.8	-1409.0
977	9.5	44423.1	-1450.9	1067	8.8	50521.7	-1415.7	1157	10.	52422.6	-1400.3	1247	9.5	54231.8	-1409.4
978	9.6	44429.1	-1420.9	1068	9.2	50530.9	-1433.5	1158	9.5	52448.0	-1430.2	1248	9.4	54234.7	-1446.2
979	9.6	44431.7	-1457.0	1069	9.9	50547.2	-1420.2	1159	10.	52510.8	-1415.5	1249	9.5	54237.8	-1409.9
980	9.5	44453.4	-1429.6	1070	8.9	50616.8	-1444.4	1160	9.0	52514.0	-1429.8	1250	10.	54255.8	-1409.5
981	7.8	44458.9	-1450.1	107	9.0	50641.9	-1436.2	1161	9.8	52528.5	-1453.7	1251	5.5	54301.1	-1431.4
982	10.	44553.0	-1432.5	1072	9.3	50653.8	-1447.4	1162	10.	52538.3	-1459.7	1252	9.2	54322.2	-1439.1
983	10.	44601.6	-1449.6	1073	9.0	50655.9	-1448.3	1163	9.5	52600.7	-1407.1	1253	9.4	54325.7	-1446.3
984	10.	44642.2	-1402.7	1074	6.0	50724.3	-1446.5	1164	9.5	52610.9	-1422.1	1254	10.	54343.1	-1432.6
985	9.1	44651.4	-1429.3	1075	9.5	50736.8	-1429.9	1165	9.9	52612.5	-1455.0	1255	9.2	54349.2	-1440.4
986	9.8	44702.6	-1449.8	1076	8.5	50756.3	-1405.6	1166	10.	52620.7	-1403.4	1256	9.3	54402.1	-1432.7
987	9.4	44722.5	-1404.7	1077	10.	50825.6	-1407.5	1167	9.4	52630.0	-1446.8	1257	9.0	54406.9	-1413.9
988	8.5	44724.8	-1442.3	1078	9.5	50826.8	-1425.4	1168	9.8	52700.2	-1402.3	1258	9.5	54423.1	-1441.0
989	9.1	44731.7	-1421.2	1079	9.7	50901.8	-1425.4	1169	10.	52712.1	-1441.5	1259	9.0	54431.8	-1408.5
990	8.5	44732.8	-1435.0	1080	7.8	50924.2	-1440.1	1170	8.7	52719.8	-1454.3	1260	9.7	54444.1	-1437.9
991	10.	44811.4	-1439.3	1081	9.3	50942.6	-1406.2	1171	9.3	52727.9	-1427.8	1261	8.9	54453.2	-1440.0
992	9.1	44813.3	-1422.2	1082	9.5	50950.9	-1432.6	1172	10.	52742.7	-1401.9	1262	8.9	54506.5	-1457.7
993	9.2	44833.8	-1443.2	1083	9.0	50952.7	-1420.5	1173	10.	52756.6	-1459.6	1263	9.3	54512.1	-1431.7
994	8.3	44842.8	-1458.4	1084	9.1	50953.5	-1401.8	1174	9.7	52758.7	-1411.3	1264	9.5	54536.9	-1411.2
995	9.8	44903.0	-1440.6	1085	10.	51021.3	-1405.1	1175	10.	52810.9	-1427.8	1265	9.8	54539.4	-1455.0
996	9.0	44911.2	-1415.8	1086	9.5	51023.3	-1451.7	1176	10.	52841.7	-1405.1	1266	8.5	54542.3	-1449.8
997	9.4	44934.2	-1444.1	1087	10.	51034.2	-1403.4	1177	8.9	52842.5	-1448.0	1267	8.0	54557.1	-1436.2
998	9.8	44948.7	-1450.6	1088	9.8	51036.2	-1407.2	1178	9.5	52843.7	-1446.4	1268	9.8	54606.7	-1401.2
999	9.5	44953.9	-1441.0	1089	10.	51038.4	-1410.5	1179	9.5	52858.8	-1417.2	1269	9.4	54607.3	-1404.5
1000	9.4	45026.1	-1410.9	1090	10.	51106.4	-1453.3	1180	9.2	52901.0	-1429.1	1270	9.8	54636.0	-1459.3
1001	9.3	45041.4	-1419.7	1091	9.5	51121.9	-1432.5	1181	9.7	52938.6	-1447.3	1271	9.5	54643.9	-1412.5
1002	8.8	45058.5	-1439.9	1092	10.	51149.3	-1400.7	1182	9.5	52949.1	-1443.9	1272	7.5	54722.3	-1409.4
1003	6.3	45106.5	-1427.4	1093	8.9	51203.2	-1410.3	1183	9.5	53000.7	-1404.1	1273	9.7	54731.1	-1457.6
1004	8.8	45133.5	-1427.6	1094	8.3	51251.2	-1455.4	1184	10.	53009.1	-1441.7	1274	9.3	54732.5	-1412.1
1005	8.7	45136.6	-1440.6	1095	9.1	51303.1	-1404.8	1185	9.7	53029.0	-1441.0	1275	9.6	54807.5	-1405.4
1006	9.9	45149.6	-1445.9	1096	9.2	51329.7	-1407.8	1186	9.2	53043.8	-1458.2	1276	10.	54830.3	-1444.7
1007	9.8	45233.4	-1418.4	1097	10.	51337.9	-1459.2	1187	8.6	53049.7	-1455.7	1277	9.1	54832.9	-1400.7
1008	9.1	45234.3	-1432.9	1098	9.3	51353.1	-1445.4	1188	9.3	53113.8	-1417.5	1278	9.8	54841.2	-1446.3
1009	9.4	45243.8	-1456.0	1099	9.0	51355.9	-1444.0	1189	9.5	53116.8	-1417.9	1279	10.	54847.0	-1429.8
1010	9.8	45255.9	-1406.8	1100	9.2	51416.3	-1414.5	1190	8.5	53130.3	-1450.7	1280	9.5	54931.0	-1426.2
1011	9.1	45256.6	-1443.6	1101	9.6	51421.5	-1448.5	1191	8.0	53140.9	-1425.9	1281	10.	54931.0	-1403.4
1012	10.	45336.9	-1420.8	1102	8.6	51422.1	-1446.6	1192	9.5	53147.1	-1436.2	1282	10.	54931.9	-1419.0
1013	9.4	45339.8	-1458.2	1103	8.0	51435.8	-1417.6	1193	10.	53156.1	-1432.2	1283	9.6	54932.3	-1457.0
1014	9.4	45415.3	-1457.4	1104	9.0	51444.4	-1427.5	1194	10.	53157.3	-1452.0	1284	9.9	54941.5	-1406.0
1015	9.8	45418.2	-1439.6	1105	7.8	51444.9	-1442.2	1195	9.0	53204.9	-1417.4	1285	10.	54947.6	-1440.1
1016	8.6	45448.4	-1421.7	1106	9.3	51448.9	-1421.7	1196	9.8	53213.9	-1458.1	1286	4.0	54947.7	-1412.0
1017	9.4	45459.6	-1407.6	1107	8.6	51515.5	-1401.2	1197	10.	53216.9	-1414.2	1287	9.3	54950.2	-1438.8
1018	10.	45531.3	-1405.8	1108	9.6	51516.9	-1446.4	1198	9.5	53243.7	-1401.3	1288	9.6	54956.4	-1454.4
1019	8.8	45534.4	-1415.7	1109	9.1	51523.1	-1442.5	1199	10.	53302.0	-1440.5	1289	10.	55003.0	-1427.7
1020	10.	45546.8	-1413.4	1110	9.3	51532.5	-1411.8	1200	10.	53306.5	-1440.5	1290	9.6	55031.4	-1456.4
1021	9.3	45549.1	-1430.6	1111	9.8	51543.4	-1450.2	1201	9.0	53323.8	-1456.6	1291	9.6	55036.9	-1400.7
1022	9.1	45619.0	-1441.0	1112	9.5	51543.8	-1412.7	1202	9.5	53337.0	-1425.4	1292	8.0	55110.7	-1413.3
1023	9.1	45623.7	-1434.1	1113	9.4	51545.0	-1432.3	1203	9.5	53339.9	-1418.7	1293	9.8	55116.0	-1402.7
1024	9.8	45702.9	-1404.3	1114	10.	51608.0	-1420.7	1204	9.2	53345.7	-1449.0	1294	10.	55117.7	-1404.8
1025	8.5	45706.8	-1450.4	1115	9.4	51610.1	-1403.2	1205	9.8	53346.2	-1401.5	1295	10.	55159.9	-1419.5
1026	9.5	45712.4	-1418.0	1116	9.5	51633.8	-1414.8	1206	9.5	53405.0	-1421.9	1296	10.	55200.9	-1418.2
1027	6.5	45713.7	-1434.8	1117	8.2	51644.1	-1458.5	1207	9.3	53440.0	-1420.6	1297	8.5	55214.8	-1412.8
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1029	7.0	45719.8	-1445.8	1119	5.8	51652.2	-1403.7	1209	9.3	53449.8	-1452.8	1299	9.5	55259.1	-1434.2
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1031	9.2	45730.1	-1419.7	1121	9.4	51732.6	-1401.0	1211	9.0	53538.9	-1415.5	1301	9.5	55334.1	-1430.8
1032	9.3	45741.4	-1417.0	1122	10.	51746.0	-1434.5	1212	9.5	53550.4	-1444.5	1302	8.6	55338.7	-1411.3
1033	9.0	45812.4	-1419.1	1123	9.8	51820.4	-1442.8	1213	10.	53559.1	-1431.1	1303	9.5	55340.9	-1450.5
1034	9.1	45813.8	-1442.5	1124	8.5	51824.0	-1424.7	1214	9.6	53601.3	-1453.5	1304	9.0	55345.2	-1401.7
1035	9.0	45819.0	-1425.3	1125	9.4	51838.5	-1459.3	1215	9.1	53616.9	-1458.8	1305	9.4	55417.1	-1434.2
1036	10.	45830.4	-1417.8	1126	8.0	51853.8	-1415.6	1216	9.2	53620.8	-1447.7	1306	9.5	55424.1	-1433.2
1037	10.	45905.7	-1422.8	1127	9.8	51856.0	-1454.6	1217	9.2	53629.1	-1445.6	1307	9.0	55429.5	-1431.4
1038	10.	45910.2	-1416.2	1128	9.0	51901.0	-1433.9	1218	9.5	53629.5	-1424.5	1308	9.3	55431.4	-1417.8
1039	8.5	45911.9	-1459.0	1129	9.3	51905.0	-1436.6	1219	10.	53630.0	-1454.1	1309	10.	55453.0	-1421.6
1040	8.0	45915.8	-1406.9	1130	7.5	51907.7	-1409.4	1220	9.6	53645.7	-1400.9	1310	9.1	55515.2	-1406.2
1041	9.8	45926.9	-1454.0	1131	9.0	51916.9	-1440.8	1221	8.8	53711.2	-1444.2	1311	10.	55520.8	-1413.5
1042	9.7	45931.7	-1447.7	1132	8.5	51944.2	-1403.6	1222	9.5	53712.0	-1428.3	1312	10.	55533.7	-1445.0
1043	9.8	45934.9	-1407.1	1133	8.0	51948.7	-1410.7	1223	9.5	53729.1	-1432.0	1313	10.	55550.1	-1435.4
1044	10.	45943.9	-1413.7	1134	8.7	52019.9	-1425.0	1224	8.0	53731.1	-1434.7	1314	9.2	55557.8	-1447.9
1045	7.1	45946.0	-1453.8	1135	9.5	52037.0	-1437.0	1225	9.3	53733.4	-1458.9	1315	7.0	55558.7	-1430.0
1046	8.8	50006.6	-1438.7	1136	8.8	52041.4	-1449.1	1226	9.8	53800.1	-1441.4	1316	9.7	55626.8	-1440.1

1317	10.	55629.0 -1425.2	1407	9.8	61325.0 -1402.6	1497	9.6	62811.4 -1458.5	1587	9.1	64024.1 -1456.7
1318	9.4	55649.3 -1445.2	1408	9.6	61333.8 -1441.6	1498	9.6	62813.0 -1429.8	1588	9.7	64035.2 -1414.2
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1320	9.7	55712.8 -1446.7	1410	9.3	61425.7 -1401.2	1500	9.8	62851.1 -1404.4	1590	10.	64049.0 -1402.3
1321	9.7	55726.4 -1449.3	1411	10.	61435.5 -1403.3	1501	9.1	62917.1 -1433.1	1591	9.5	64116.7 -1427.3
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1323	9.1	55749.9 -1449.0	1413	9.2	61442.3 -1455.3	1503	9.8	62931.7 -1436.9	1593	9.4	64157.2 -1414.8
1324	8.2	55758.4 -1401.6	1414	9.1	61501.7 -1437.6	1504	9.8	62931.9 -1401.5	1594	9.4	64209.2 -1407.3
1325	9.5	55816.9 -1421.9	1415	8.7	61503.4 -1420.3	1505	9.3	62941.5 -1414.0	1595	9.1	64210.3 -1412.3
1326	8.5	55817.2 -1406.7	1416	9.3	61522.3 -1404.4	1506	9.8	62957.4 -1427.6	1596	9.4	64213.2 -1454.3
1327	9.4	55817.7 -1446.8	1417	10.	61526.1 -1456.6	1507	9.6	63012.2 -1443.6	1597	8.0	64214.7 -1414.1
1328	8.7	55833.8 -1417.9	1418	8.8	61532.0 -1431.6	1508	9.6	63020.1 -1416.9	1598	9.4	64222.0 -1430.9
1329	10.	55857.8 -1415.2	1419	9.8	61541.4 -1401.8	1509	9.1	63026.1 -1432.9	1599	5.5	64223.5 -1459.2
1330	9.4	55904.4 -1400.0	1420	9.2	61546.3 -1444.1	1510	9.1	63032.0 -1425.5	1600	9.3	64245.8 -1447.0
1331	5.0	55935.0 -1455.2	1421	9.9	61612.9 -1427.1	1511	8.9	63032.6 -1408.8	1601	8.0	64305.9 -1453.0
1332	10.	55955.8 -1413.8	1422	9.0	61627.8 -1450.0	1512	8.8	63052.2 -1450.8	1602	10.	64306.4 -1435.2
1333	9.8	60033.2 -1400.0	1423	7.4	61644.0 -1445.7	1513	9.8	63053.7 -1426.4	1603	9.7	64326.9 -1432.3
1334	9.5	60043.0 -1428.2	1424	8.5	61647.1 -1404.9	1514	10.	63114.4 -1426.2	1604	9.4	64327.5 -1430.7
1335	9.5	60048.3 -1450.8	1425	9.2	61647.7 -1406.4	1515	8.2	63115.8 -1419.9	1605	8.5	64328.7 -1416.6
1336	9.4	60051.0 -1400.1	1426	9.5	61705.5 -1404.4	1516	9.3	63123.0 -1408.7	1606	9.5	64341.4 -1406.0
1337	9.6	60056.1 -1405.3	1427	10.	61712.2 -1435.5	1517	10.	63135.7 -1446.8	1607	9.5	64358.1 -1445.0
1338	9.9	60056.7 -1419.2	1428	6.5	61712.5 -1459.5	1518	9.7	63138.0 -1432.1	1608	9.7	64402.1 -1414.7
1339	10.	60104.6 -1422.8	1429	9.1	61727.9 -1424.9	1519	10.	63145.9 -1426.3	1609	9.4	64403.2 -1403.6
1340	9.8	60111.9 -1410.3	1430	8.3	61749.3 -1445.4	1520	9.8	63148.6 -1407.2	1610	8.5	64411.0 -1434.6
1341	9.5	60117.8 -1414.3	1431	9.5	61803.3 -1409.3	1521	9.8	63202.2 -1443.4	1611	9.4	64411.2 -1413.3
1342	10.	60128.2 -1439.3	1432	8.2	61826.0 -1425.5	1522	10.	63207.9 -1427.5	1612	9.7	64414.8 -1419.3
1343	10.	60147.7 -1431.2	1433	9.1	61828.0 -1400.3	1523	8.8	63218.5 -1442.9	1613	9.3	64415.9 -1416.9
1344	9.8	60212.5 -1457.1	1434	9.6	61831.5 -1427.5	1524	8.3	63228.5 -1425.6	1614	8.2	64417.3 -1405.6
1345	10.	60219.1 -1436.2	1435	10.	61831.9 -1424.6	1525	5.5	63239.4 -1401.0	1615	9.8	64436.1 -1443.4
1346	9.0	60230.3 -1448.4	1436	9.0	61836.4 -1420.1	1526	9.3	63240.3 -1449.2	1616	9.4	64439.1 -1449.2
1347	8.2	60233.5 -1402.6	1437	9.3	61836.8 -1443.5	1527	8.8	63253.9 -1432.5	1617	9.8	64517.6 -1437.5
1348	7.0	60259.1 -1433.5	1438	9.8	61844.8 -1447.8	1528	9.2	63255.4 -1451.0	1618	9.6	64525.8 -1446.2
1349	10.	60305.4 -1404.1	1439	9.6	61845.2 -1401.6	1529	8.5	63304.3 -1419.7	1619	9.5	64534.5 -1422.5
1350	9.5	60319.1 -1431.3	1440	8.5	61858.4 -1402.7	1530	10.	63319.2 -1414.5	1620	10.	64546.0 -1441.6
1351	10.	60322.8 -1414.8	1441	10.	61932.3 -1422.2	1531	9.1	63319.9 -1445.2	1621	9.8	64553.3 -1426.5
1352	9.4	60328.5 -1459.6	1442	9.1	61937.9 -1424.6	1532	8.8	63321.7 -1436.8	1622	9.7	64553.9 -1403.5
1353	9.3	60338.1 -1431.7	1443	9.5	61939.2 -1400.7	1533	10.	63345.4 -1433.9	1623	9.8	64613.8 -1445.0
1354	9.8	60353.3 -1448.4	1444	9.3	61942.7 -1425.7	1534	10.	63353.0 -1429.9	1624	9.8	64621.1 -1444.5
1355	10.	60355.0 -1419.6	1445	9.3	61948.3 -1418.5	1535	9.3	63417.9 -1424.8	1625	9.8	64623.3 -1437.2
1356	9.8	60404.2 -1441.0	1446	9.0	61950.5 -1404.8	1536	9.8	63420.3 -1447.4	1626	9.6	64623.3 -1431.2
1357	9.6	60410.3 -1446.7	1447	9.6	61950.6 -1436.3	1537	9.2	63423.7 -1448.9	1627	8.8	64654.4 -1425.6
1358	9.8	60418.1 -1405.2	1448	9.4	61952.1 -1457.4	1538	9.6	63429.5 -1438.1	1628	9.8	64720.0 -1421.9
1359	8.2	60516.5 -1425.3	1449	10.	61954.4 -1409.1	1539	10.	63432.1 -1425.1	1629	9.8	64720.3 -1444.0
1360	9.3	60520.2 -1439.0	1450	7.0	62007.1 -1431.2	1540	9.8	63433.5 -1408.8	1630	9.8	64721.1 -1442.6
1361	9.3	60539.8 -1437.4	1451	10.	62024.0 -1447.9	1541	9.4	63507.1 -1433.8	1631	9.3	64733.8 -1458.0
1362	9.8	60540.2 -1412.4	1452	9.2	62026.8 -1406.5	1542	8.5	63512.3 -1420.1	1632	9.2	64737.8 -1456.9
1363	9.3	60603.9 -1432.1	1453	8.9	62028.2 -1435.9	1543	9.9	63514.1 -1402.4	1633	8.8	64742.7 -1403.9
1364	9.6	60611.0 -1454.9	1454	9.5	62043.9 -1443.2	1544	10.	63518.9 -1451.1	1634	9.4	64748.8 -1457.2
1365	9.8	60614.6 -1411.0	1455	9.8	62045.7 -1415.5	1545	10.	63524.8 -1406.0	1635	8.0	64749.7 -1416.4
1366	9.3	60651.8 -1428.4	1456	9.3	62051.5 -1405.8	1546	9.8	63525.0 -1417.2	1636	9.9	64800.3 -1433.8
1367	9.1	60656.2 -1400.2	1457	9.3	62116.6 -1429.1	1547	10.	63536.5 -1428.0	1637	7.5	64817.7 -1441.1
1368	9.3	60709.5 -1454.2	1458	10.	62124.3 -1437.1	1548	9.3	63537.7 -1450.6	1638	9.8	64826.5 -1405.3
1369	9.8	60729.8 -1429.2	1459	9.2	62149.1 -1457.7	1549	9.6	63541.4 -1450.3	1639	10.	64841.6 -1447.5
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1372	9.5	60805.0 -1454.6	1462	9.3	62203.0 -1402.1	1552	9.5	63613.2 -1449.9	1642	9.8	64901.6 -1410.4
1373	9.8	60831.2 -1436.0	1463	9.4	62215.4 -1402.0	1553	9.5	63621.0 -1427.9	1643	9.3	64905.1 -1437.4
1374	10.	60832.1 -1409.1	1464	9.8	62218.2 -1409.9	1554	9.5	63636.1 -1405.0	1644	9.5	64910.7 -1417.2
1375	9.5	60847.0 -1459.9	1465	9.7	62224.8 -1430.0	1555	10.	63656.2 -1446.4	1645	9.3	64915.0 -1401.3
1376	9.7	60854.5 -1454.0	1466	9.2	62238.7 -1416.4	1556	9.4	63658.1 -1402.0	1646	9.8	64926.3 -1455.6
1377	9.8	60901.4 -1421.2	1467	8.5	62239.6 -1407.1	1557	9.3	63704.9 -1403.9	1647	9.3	64930.8 -1422.5
1378	9.5	60903.6 -1459.1	1468	9.7	62258.4 -1422.9	1558	9.3	63714.7 -1436.2	1648	9.0	64939.1 -1454.0
1379	9.0	60919.9 -1423.1	1469	10.	62305.7 -1435.4	1559	9.9	63720.9 -1459.4	1649	9.9	64941.1 -1439.2
1380	9.7	60922.7 -1401.4	1470	9.4	62308.7 -1414.0	1560	8.7	63721.6 -1433.0	1650	10.	64941.2 -1413.8
1381	10.	60931.6 -1436.3	1471	8.7	62310.7 -1416.0	1561	9.8	63722.8 -1423.3	1651	9.0	64955.6 -1412.0
1382	9.5	60931.8 -1400.7	1472	9.8	62321.3 -1455.7	1562	9.4	63732.5 -1406.9	1652	10.	65002.2 -1420.5
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1387	9.2	61040.0 -1427.0	1477	9.8	62401.4 -1419.9	1567	9.5	63838.8 -1447.8	1657	10.	65027.6 -1433.3
1388	9.6	61040.8 -1457.1	1478	9.4	62415.1 -1436.4	1568	9.2	63845.4 -1422.0	1658	9.2	65033.9 -1426.9
1389	9.5	61044.9 -1406.5	1479	8.6	62422.6 -1456.1	1569	8.8	63856.9 -1448.4	1659	9.0	65037.2 -1432.0
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1391	9.3	61112.5 -1439.4	1481	9.0	62423.9 -1423.7	1571	9.3	63913.4 -1418.9	1661	9.0	65102.4 -1406.5
1392	9.8	61124.2 -1439.5	1482	9.3	62425.6 -1408.3	1572	8.7	63916.8 -1420.4	1662	8.9	65114.1 -1445.3
1393	9.0	61124.7 -1409.9	1483	9.7	62439.8 -1448.6	1573	6.2	63923.8 -1438.4	1663	9.1	65123.4 -1445.3
1394	10.	61125.9 -1409.7	1484	9.4	62518.2 -1436.4	1574	9.0	63925.0 -1433.1	1664	8.8	65125.0 -1437.7
1395	9.0	61137.2 -1416.4	1485	9.1	62523.7 -1414.5	1575	9.0	63930.6 -1409.1	1665	9.1	65128.2 -1418.2
1396	8.2	61155.1 -1432.6	1486	9.0	62532.2 -1402.6	1576	10.	63934.2 -1453.0	1666	9.5	65151.2 -1449.2
1397	8.6	61158.7 -1418.3	1487	8.8	62539.4 -1425.3	1577	9.2	63943.2 -1446.3	1667	9.9	65137.8 -1425.6
1398	9.0	61208.0 -1452.3	1488	9.5	62550.5 -1427.0	1578	9.6	63946.1 -1448.4	1668	9.4	65147.9 -1431.6
1399	8.3	61213.4 -1447.2	1489	8.8	62551.2 -1444.6	1579	7.8	63956.9 -1422.5	1669	8.2	65226.8 -1445.9
1400	6.5	61215.5 -1458.3	1490	8.2	62642.5 -1442.2	1580	9.6	64000.1 -1448.8	1670	8.8	65228.1 -1417.1
1401	9.8	61246.1 -1407.5	1491	9.8	62657.9 -1455.3	1581	10.	64003.0 -1403.1	1671	9.1	65232.2 -1448.9
1402	9.1	61252.2 -1416.6	1492	9.8	62708.4 -1400.0	1582	9.7	64006.0 -1455.3	1672	9.4	65259.0 -1459.4
1403	8.9	61255.6 -1436.5	1493	8.9	62709.8 -1404.0	1583	9.5	64011.1 -1441.7	1673	9.4	65303.1 -1436.9
1404	9.4	61304.9 -1453.5	1494	8.8	62723.5 -1440.8	1584	6.2	64014.7 -1416.2	1674	9.0	65308.7 -1420.5
1405	9.8	61306.5 -1441.0	1495	9.6	62746.1 -1429.4	1585	9.8	64016.6 -1450.1	1675	8.0	65316.3 -1449.3
1406	9.8	61323.1 -1412.0	1496	9.7	62803.5 -1448.0	1586	9.5	64018.1 -1411.1	1676	9.8	65326.2 -1449.5

1677	9.2	65328.7	-1445.8	1767	9.7	70552.3	-1400.1	1857	9.8	71506.3	-1457.2	1947	9.8	72453.2	-1419.6
1678	9.2	65329.5	-1458.5	1768	8.2	70554.0	-1414.9	1858	9.7	71508.3	-1400.7	1948	9.5	72503.7	-1448.4
1679	9.2	65351.4	-1445.5	1769	10.	70600.4	-1444.7	1859	9.8	71515.3	-1414.8	1949	10.	72511.3	-1440.8
1680	9.5	65357.4	-1444.2	1770	9.7	70610.0	-1446.2	1860	9.3	71519.8	-1430.2	1950	8.5	72521.3	-1421.5
1681	9.8	65402.0	-1408.9	1771	9.8	70611.6	-1457.6	1861	8.6	71520.9	-1449.2	1951	9.5	72531.0	-1410.6
1682	9.8	65408.2	-1405.0	1772	9.4	70619.8	-1421.9	1862	8.7	71523.2	-1432.0	1952	8.9	72537.1	-1445.3
1683	9.7	65409.3	-1448.7	1773	9.2	70620.7	-1422.1	1863	9.1	71523.4	-1402.2	1953	9.2	72544.4	-1440.8
1684	9.4	65427.4	-1426.8	1774	8.5	70625.1	-1438.6	1864	8.5	71524.5	-1426.8	1954	10.	72545.7	-1417.5
1685	9.2	65455.5	-1440.8	1775	8.5	70635.0	-1451.2	1865	9.4	71535.4	-1401.0	1955	9.5	72550.6	-1416.2
1686	9.7	65457.3	-1424.6	1776	8.3	70640.6	-1420.1	1866	9.5	71541.6	-1420.8	1956	9.4	72557.3	-1405.8
1687	8.9	65458.6	-1450.7	1777	9.1	70645.4	-1456.5	1867	9.8	71550.2	-1454.6	1957	9.4	72606.0	-1424.1
1688	8.7	65526.6	-1451.8	1778	9.6	70646.1	-1443.3	1868	9.8	71550.9	-1432.1	1958	9.5	72608.0	-1449.5
1689	8.5	65534.8	-1409.2	1779	9.7	70648.5	-1402.9	1869	9.7	71600.6	-1449.9	1959	9.8	72614.7	-1440.2
1690	8.8	65541.2	-1411.0	1780	9.4	70650.8	-1405.3	1870	9.7	71611.8	-1442.8	1960	9.8	72617.1	-1432.1
1691	9.8	65550.7	-1454.2	1781	9.8	70702.0	-1438.0	1871	9.8	71625.8	-1449.3	1961	10.	72621.1	-1455.4
1692	9.4	65550.8	-1408.5	1782	9.7	70706.3	-1400.4	1872	8.5	71636.3	-1435.9	1962	9.5	72624.3	-1444.9
1693	9.7	65551.6	-1427.4	1783	9.8	70711.6	-1447.9	1873	9.2	71637.2	-1434.8	1963	9.5	72629.1	-1433.4
1694	10.	65620.9	-1431.2	1784	8.8	70748.4	-1418.7	1874	9.3	71655.1	-1429.2	1964	9.1	72630.7	-1452.2
1695	9.8	65626.5	-1454.0	1785	9.5	70750.0	-1444.2	1875	9.2	71656.7	-1453.9	1965	9.8	72642.2	-1424.1
1696	9.8	65631.1	-1452.0	1786	9.5	70756.4	-1440.1	1876	8.6	71700.6	-1456.4	1966	6.8	72642.2	-1401.8
1697	9.6	65638.4	-1429.9	1787	9.8	70807.9	-1409.1	1877	9.5	71702.5	-1446.6	1967	9.5	72651.8	-1402.0
1698	9.8	65641.7	-1419.8	1788	9.8	70821.1	-1453.8	1878	9.8	71713.7	-1451.3	1968	9.5	72700.1	-1404.7
1699	9.8	65700.0	-1448.5	1789	9.5	70827.5	-1435.2	1879	9.2	71718.4	-1400.5	1969	9.1	72700.3	-1406.6
1700	9.8	65715.6	-1439.2	1790	7.2	70831.2	-1421.6	1880	8.2	71728.9	-1431.8	1970	8.7	72703.9	-1450.8
1701	9.8	65717.5	-1437.9	1791	9.5	70835.7	-1407.2	1881	8.8	71730.0	-1427.5	1971	5.8	72708.0	-1412.7
1702	9.8	65748.7	-1421.1	1792	9.6	70855.0	-1450.4	1882	9.8	71743.0	-1448.5	1972	9.8	72708.1	-1417.3
1703	9.4	65804.8	-1446.8	1793	9.2	70857.8	-1448.6	1883	9.8	71751.7	-1455.7	1973	8.7	72710.0	-1458.7
1704	8.8	65806.3	-1421.4	1794	9.5	70902.5	-1449.1	1884	9.5	71812.0	-1451.8	1974	9.7	72720.3	-1446.1
1705	9.2	65830.9	-1412.3	1795	8.5	70913.7	-1414.6	1885	9.6	71818.0	-1406.7	1975	9.4	72724.9	-1425.7
1706	9.8	65832.5	-1434.4	1796	9.3	70915.3	-1401.2	1886	10.	71821.0	-1449.4	1976	10.	72737.4	-1448.7
1707	9.7	65833.1	-1436.4	1797	7.2	70927.5	-1415.1	1887	7.5	71829.2	-1436.0	1977	9.2	72753.8	-1446.5
1708	9.8	65837.4	-1407.5	1798	9.1	70936.5	-1436.4	1888	8.7	71847.6	-1457.3	1978	9.8	72755.9	-1419.8
1709	9.8	65847.1	-1401.7	1799	9.3	70938.4	-1431.2	1889	9.0	71852.1	-1410.6	1979	9.2	72756.3	-1444.4
1710	8.2	65856.6	-1439.5	1800	9.8	70941.2	-1456.8	1890	10.	71859.7	-1404.6	1980	9.1	72816.1	-1438.1
1711	9.0	65918.8	-1447.3	1801	9.5	70944.3	-1441.5	1891	9.5	71911.0	-1410.9	1981	9.8	72816.6	-1401.2
1712	9.7	65919.9	-1444.3	1802	9.8	70944.7	-1454.8	1892	9.5	71926.6	-1429.6	1982	9.2	72824.4	-1443.7
1713	10.	65941.6	-1419.6	1803	9.0	70954.0	-1437.3	1893	9.4	71929.4	-1448.0	1983	9.8	72835.8	-1423.5
1714	9.2	65943.2	-1445.6	1804	9.5	70958.9	-1449.9	1894	9.0	71933.6	-1448.2	1984	9.1	72849.9	-1445.0
1715	9.3	65952.6	-1430.1	1805	9.0	71002.0	-1450.0	1895	9.5	71942.1	-1418.4	1985	9.5	72851.9	-1408.4
1716	9.0	65953.7	-1459.4	1806	9.8	71006.1	-1415.3	1896	9.3	71944.3	-1441.6	1986	9.4	72852.0	-1430.1
1717	8.9	70016.9	-1428.6	1807	9.7	71013.4	-1401.2	1897	8.9	71945.1	-1439.7	1987	9.0	72857.5	-1421.5
1718	9.5	70024.0	-1446.4	1808	9.6	71014.8	-1448.8	1898	10.	71953.7	-1435.2	1988	9.5	72858.1	-1417.1
1719	9.5	70025.4	-1453.0	1809	9.8	71025.9	-1420.4	1899	9.7	71955.9	-1400.5	1989	9.8	72902.2	-1409.1
1720	9.8	70039.5	-1456.8	1810	8.2	71028.5	-1435.1	1900	9.8	71959.0	-1409.1	1990	9.3	72902.9	-1400.4
1721	9.2	70040.6	-1417.7	1811	9.8	71034.1	-1420.9	1901	9.5	72000.2	-1459.2	1991	10.	72910.0	-1416.6
1722	9.6	70041.0	-1408.2	1812	10.	71049.8	-1439.9	1902	9.7	72006.4	-1403.6	1992	10.	72913.0	-1416.7
1723	9.5	70048.3	-1401.8	1813	9.1	71058.9	-1419.6	1903	9.8	72006.0	-1407.3	1993	9.8	72914.3	-1421.7
1724	10.	70055.7	-1417.6	1814	9.0	71101.9	-1403.3	1904	9.8	72007.3	-1431.6	1994	8.5	72917.6	-1423.3
1725	9.5	70138.0	-1410.4	1815	9.0	71107.8	-1400.3	1905	10.	72008.6	-1424.2	1995	9.8	72917.9	-1436.9
1726	9.3	70138.3	-1435.5	1816	9.0	71108.7	-1445.5	1906	9.9	72013.1	-1443.5	1996	9.5	72919.9	-1409.4
1727	9.8	70142.8	-1403.5	1817	9.2	71109.3	-1435.3	1907	9.5	72013.8	-1441.1	1997	10.	72920.7	-1440.4
1728	9.6	70143.8	-1441.1	1818	9.1	71110.2	-1404.3	1908	9.3	72018.5	-1411.6	1998	10.	72922.3	-1450.2
1729	8.9	70148.0	-1440.1	1819	9.3	71119.9	-1429.8	1909	9.5	72021.1	-1453.4	1999	6.9	72923.7	-1410.3
1730	10.	70149.3	-1428.6	1820	9.8	71122.9	-1432.8	1910	9.8	72023.0	-1424.9	2000	9.5	72924.7	-1410.1
1731	9.3	70156.0	-1441.2	1821	10.	71149.0	-1411.7	1911	9.4	72027.6	-1454.9	2001	8.5	72929.2	-1422.8
1732	8.6	70222.7	-1443.8	1822	10.	71149.5	-1429.0	1912	9.6	72030.9	-1423.1	2002	8.6	72929.5	-1405.0
1733	9.8	70228.8	-1423.1	1823	10.	71159.1	-1456.0	1913	9.0	72037.8	-1442.8	2003	9.6	72930.8	-1403.9
1734	8.7	70230.2	-1412.0	1824	9.0	71229.3	-1407.0	1914	9.0	72030.6	-1432.7	2004	9.6	72930.8	-1420.9
1735	8.8	70247.3	-1447.7	1825	8.6	71230.9	-1418.9	1915	9.0	72036.7	-1404.5	2005	9.7	72930.8	-1408.4
1736	9.5	70254.6	-1445.9	1826	9.4	71239.0	-1451.8	1916	10.	72041.8	-1455.9	2006	10.	72932.2	-1419.0
1737	9.5	70257.2	-1458.0	1827	9.7	71239.9	-1444.7	1917	9.7	72047.0	-1455.9	2007	9.7	72934.7	-1436.4
1738	8.9	70300.7	-1433.4	1828	9.5	71242.4	-1455.5	1918	9.5	72048.0	-1401.2	2008	9.9	72935.7	-1416.3
1739	9.0	70311.5	-1448.5	1829	9.4	71242.4	-1456.6	1919	9.1	72054.9	-1439.6	2009	10.	72936.9	-1426.8
1740	9.4	70312.4	-1440.2	1830	10.	71249.4	-1409.5	1920	9.4	72059.4	-1436.5	2010	9.4	72940.0	-1416.5
1741	9.0	70316.4	-1411.5	1831	9.8	71304.1	-1441.4	1921	10.	72220.1	-1400.9	2011	9.7	72940.5	-1426.5
1742	9.4	70331.8	-1437.8	1832	9.8	71307.7	-1448.8	1922	9.9	72223.7	-1416.6	2012	9.0	72942.3	-1410.9
1743	8.9	70331.9	-1416.6	1833	9.2	71308.9	-1408.6	1923	8.7	72233.5	-1444.7	2013	9.0	72942.4	-1425.4
1744	8.3	70344.4	-1431.8	1834	8.5	71310.3	-1459.6	1924	9.1	72239.4	-1400.7	2014	9.4	72944.0	-1416.7
1745	9.7	70345.3	-1402.2	1835	9.6	71314.5	-1449.8	1925	6.7	72246.4	-1441.7	2015	9.6	72945.7	-1410.0
1746	10.	70352.6	-1420.0	1836	9.1	71320.6	-1400.6	1926	9.0	72247.0	-1451.5	2016	7.8	72948.2	-1416.6
1747	9.8	70359.4	-1434.8	1837	9.5	71321.3	-1458.9	1927	9.5	72309.0	-1450.7	2017	9.5	72949.4	-1408.1
1748	9.5	70403.0	-1447.6	1838	9.5	71323.6	-1418.5	1928	7.7	72315.0	-1405.6	2018	9.0	72951.2	-1420.8
1749	9.1	70413.0	-1414.2	1839	9.4	71327.0	-1440.0	1929	9.4	72317.7	-1402.9	2019	9.1	72954.8	-1406.5
1750	9.6	70415.0	-1412.6	1840	9.1	71345.5	-1436.0	1930	9.5	72327.1	-1410.8	2020	8.0	72955.7	-1410.0
1751	9.5	70416.3	-1407.5	1841	9.3	71354.0	-1444.2	1931	9.8	72337.7	-1417.0	2021	8.0	72956.4	-1410.1
1752	9.1	70417.7	-1459.3	1842	9.8	71359.5	-1413.4	1932	8.2	72340.6	-1442.1	2022	9.0	72956.7	-1408.4
1753	10.	70417.9	-1435.7	1843	9.0	71400.0	-1436.4	1933	9.5	72344.0	-1404.2	2023	9.7	72959.3	-1404.0
1754	9.8	70430.5	-1402.7	1844	9.2	71413.4	-1445.3	1934	9.3	72352.9	-1423.7	2024	9.8	73000.7	-1409.6
1755	9.6	70433.0	-1408.2	1845	10.	71417.4	-1445.5	1935	9.5	72356.7	-1440.5	2025	8.0	73001.3	-1407.5
1756	9.8	70436.6	-1408.9	1846	6.2	71419.1	-1405.2	1936	9.8	72400.2	-1440.0	2026	10.	73002.1	-1435.3
1757	9.4	70439.7	-1442.5	1847	10.	71423.2	-1419.4	1937	9.8	72406.9	-1425.9	2027	9.3	73005.0	-1440.5
1758	9.5	70447.8	-1406.0	1848	9.8	71423.4	-1438.5	1938	10.	72409.7	-1459.9	2028	9.7	73005.6	-1405.1
1759	9.0	70449.7	-1400.0	1849	9.2	71423.9	-1422.6	1939	9.1	72417.3	-1455.2	2029	8.6	73007.7	-1414.6
1760	8.3	70459.2	-1446.7	1850	9.4	71426.2	-1408.4	1940	9.8	72422.9	-1406.5	2030	9.5	73008.5	-1445.0
1761	9.0	70508.9	-1407.5	1851	9.8	71429.4	-1439.9	1941	9.8	72425.4	-1413.6	2031	10.	73010.0	-1453.8
1762	10.	70529.5	-1441.2	1852	9.8	71431.7	-1423.6	1942	9.8	72426.8	-1447.0	2032	9.6	73011.6	-1405.3
1763	8.9	70530.4	-1433.8	1853	8.8	71433.8	-1405.3	1943	9.5	72438.0	-1454.6	2033	10.	73012.9	-1412.1
1764	9.9	70533.2	-1443.8	1854	10.	71436.6	-1427.6	1944	7.1	72442.0	-1440.0	2034	9.7	73014.2	-1414.2
1765	10.	70540.1	-1456.0	1855	9.8	71452.6	-1445.6	1945	9.8	72447.3	-1408.9	2035	9.8	73015.5	-1448.0
1766	10.	70551.5	-1400.9	1856	9.5	71505.3	-1436.5	1946	10.	72448.6	-1427.0	2036	10.	73022.3	-1411.8

-14 2037 7h30m

-14 2396 8h03m

2037	9.8	73025.1	-1405.2	2127	9.9	73502.4	-1427.8	2217	9.9	74131.2	-1406.9	2307	9.8	75143.0	-1450.3
2038	10.	73026.7	-1412.3	2128	9.9	73505.7	-1430.2	2218	9.8	74140.5	-1452.5	2308	9.0	75144.9	-1437.0
2039	8.6	73027.9	-1400.3	2129	20.0	73508.7	-1423.3	2219	9.4	74149.2	-1443.5	2309	8.8	75150.2	-1450.7
2040	9.8	73028.3	-1414.1	2130	10.	73510.4	-1433.0	2220	9.2	74154.9	-1413.9	2310	8.5	75210.1	-1427.5
2041	9.7	73034.2	-1406.2	2131	10.	73510.5	-1427.0	2221	9.8	74209.8	-1411.4	2311	9.4	75241.7	-1405.7
2042	9.8	73036.6	-1404.3	2132	10.	73510.6	-1431.0	2222	9.8	74216.0	-1437.1	2312	9.5	75253.5	-1406.0
2043	9.8	73036.7	-1417.9	2133	10.	73512.3	-1424.8	2223	8.7	74220.0	-1415.0	2313	9.1	75257.0	-1412.9
2044	10.	73038.4	-1412.6	2134	9.0	73512.8	-1439.4	2224	9.4	74227.8	-1420.1	2314	9.3	75306.9	-1410.3
2045	9.4	73040.7	-1441.7	2135	10.	73513.7	-1426.8	2225	9.3	74228.3	-1455.7	2315	9.4	75308.0	-1409.9
2046	10.	73042.6	-1416.6	2136	10.	73514.0	-1434.6	2226	9.4	74232.4	-1403.4	2316	9.4	75308.1	-1403.4
2047	9.9	73050.5	-1420.5	2137	10.	73515.3	-1445.0	2227	8.9	74234.1	-1455.8	2317	9.5	75318.9	-1437.0
2048	10.	73050.6	-1419.6	2138	8.6	73517.2	-1404.1	2228	9.6	74236.1	-1421.0	2318	9.3	75334.3	-1451.6
2049	10.	73055.7	-1412.3	2139	9.6	73519.6	-1429.0	2229	7.8	74250.5	-1459.0	2319	9.0	75353.0	-1424.9
2050	10.	73056.6	-1435.7	2140	9.9	73521.5	-1431.0	2230	9.0	74307.9	-1417.3	2320	9.0	75400.2	-1416.6
2051	5.3	73056.7	-1446.3	2141	9.7	73524.5	-1433.1	2231	9.1	74310.5	-1438.9	2321	9.5	75404.7	-1450.3
2052	9.1	73056.8	-1406.1	2142	9.9	73525.8	-1425.0	2232	9.2	74316.7	-1441.2	2322	9.5	75409.5	-1435.4
2053	7.5	73058.6	-1406.9	2143	10.	73530.7	-1419.5	2233	9.0	74319.3	-1453.4	2323	9.1	75411.5	-1436.7
2054	9.6	73102.3	-1430.3	2144	10.	73531.2	-1411.3	2234	9.2	74353.2	-1446.0	2324	10.	75414.7	-1458.1
2055	9.8	73106.3	-1416.4	2145	9.9	73531.2	-1427.0	2235	9.1	74354.0	-1442.8	2325	9.5	75415.1	-1439.8
2056	9.2	73108.2	-1428.1	2146	10.	73531.9	-1438.4	2236	10.	74354.4	-1416.0	2326	9.0	75421.8	-1406.8
2057	9.2	73115.1	-1425.8	2147	10.	73533.2	-1457.6	2237	9.5	74355.7	-1403.8	2327	9.1	75423.5	-1447.7
2058	10.	73132.6	-1435.9	2148	9.7	73535.6	-1446.1	2238	9.8	74410.5	-1419.6	2328	9.5	75425.5	-1420.8
2059	9.1	73138.3	-1427.5	2149	9.7	73536.7	-1448.0	2239	10.	74425.5	-1430.1	2329	10.	75439.4	-1444.0
2060	9.6	73156.6	-1417.6	2150	9.7	73536.8	-1429.7	2240	8.9	74429.2	-1452.9	2330	9.5	75454.3	-1415.1
2061	9.0	73157.2	-1439.9	2151	9.6	73538.4	-1414.2	2241	9.7	74435.0	-1400.6	2331	7.3	75454.7	-1451.2
2062	10.	73157.5	-1419.4	2152	10.	73539.3	-1436.0	2242	9.8	74451.1	-1422.1	2332	8.2	75456.5	-1421.8
2063	9.1	73203.5	-1412.5	2153	10.	73547.3	-1431.6	2243	9.4	74500.5	-1444.7	2333	9.6	75522.0	-1413.3
2064	9.2	73206.4	-1426.1	2154	10.	73547.4	-1432.9	2244	9.5	74503.9	-1429.2	2334	9.4	75522.5	-1439.3
2065	8.5	73211.0	-1445.4	2155	10.	73550.1	-1429.3	2245	8.2	74508.7	-1453.1	2335	9.1	75523.7	-1429.4
2066	9.0	73214.5	-1400.4	2156	9.8	73550.9	-1459.4	2246	9.3	74516.1	-1440.1	2336	9.7	75525.6	-1442.2
2067	9.0	73216.1	-1402.1	2157	9.2	73552.1	-1457.0	2247	9.4	74518.6	-1458.1	2337	9.3	75537.5	-1441.0
2068	9.5	73220.7	-1422.0	2158	8.6	73600.1	-1400.5	2248	8.7	74523.3	-1431.0	2338	9.8	75541.5	-1442.0
2069	9.4	73223.2	-1445.0	2159	10.	73601.7	-1439.8	2249	9.5	74527.4	-1413.6	2339	9.4	75549.6	-1455.8
2070	9.4	73236.6	-1400.5	2160	10.	73601.8	-1426.6	2250	6.3	74538.8	-1428.6	2340	9.0	75551.4	-1457.3
2071	9.5	73237.8	-1406.4	2161	10.	73604.2	-1428.4	2251	8.5	74540.0	-1456.8	2341	9.0	75555.5	-1452.4
2072	9.5	73239.8	-1453.4	2162	9.5	73604.3	-1405.6	2252	9.5	74543.1	-1440.4	2342	9.0	75558.9	-1438.6
2073	9.0	73246.3	-1457.3	2163	10.	73606.0	-1417.2	2253	9.5	74549.1	-1456.8	2343	9.5	75559.2	-1419.0
2074	10.	73248.5	-1447.2	2164	10.	73606.5	-1425.7	2254	10.	74556.8	-1432.3	2344	9.3	75603.4	-1423.5
2075	9.8	73249.1	-1445.3	2165	10.	73607.4	-1439.7	2255	9.3	74600.2	-1410.2	2345	10.	75618.3	-1408.6
2076	9.6	73253.0	-1442.4	2166	9.0	73609.7	-1431.3	2256	9.8	74612.9	-1459.8	2346	9.5	75634.7	-1458.5
2077	9.5	73303.6	-1417.8	2167	10.	73611.3	-1412.4	2257	9.5	74616.7	-1455.8	2347	9.8	75649.0	-1452.4
2078	9.5	73306.5	-1456.6	2168	9.7	73611.4	-1424.2	2258	9.0	74622.0	-1439.0	2348	9.0	75650.9	-1456.9
2079	9.8	73324.1	-1404.8	2169	9.4	73613.9	-1425.9	2259	9.7	74628.1	-1408.8	2349	9.4	75652.0	-1423.4
2080	9.4	73326.2	-1438.3	2170	10.	73616.1	-1408.7	2260	8.9	74628.4	-1438.6	2350	9.6	75711.2	-1451.6
2081	9.5	73330.8	-1453.3	2171	8.8	73616.8	-1439.7	2261	9.8	74635.2	-1443.2	2351	9.4	75717.1	-1430.1
2082	5.4	73345.3	-1455.7	2172	9.8	73619.3	-1450.0	2262	9.7	74646.8	-1410.8	2352	9.7	75722.5	-1444.6
2083	9.7	73349.6	-1412.3	2173	9.7	73619.7	-1458.9	2263	9.1	74702.0	-1435.3	2353	9.8	75737.1	-1446.9
2084	8.5	73352.8	-1418.6	2174	9.4	73629.9	-1429.7	2264	9.2	74703.2	-1407.5	2354	10.	75743.5	-1429.7
2085	9.1	73400.1	-1404.5	2175	9.9	73631.9	-1428.7	2265	9.6	74703.7	-1417.0	2355	8.9	75758.9	-1429.6
2086	9.0	73403.9	-1456.7	2176	9.6	73633.4	-1409.9	2266	9.8	74721.3	-1450.5	2356	9.4	75801.0	-1448.5
2087	9.8	73405.2	-1440.8	2177	10.	73637.5	-1431.8	2267	9.5	74734.4	-1434.1	2357	9.5	75807.8	-1453.3
2088	9.3	73406.1	-1420.3	2178	8.7	73638.7	-1429.6	2268	9.0	74734.8	-1409.1	2358	9.5	75810.0	-1417.0
2089	9.1	73406.1	-1410.7	2179	9.6	73648.7	-1442.5	2269	9.3	74748.1	-1402.7	2359	8.8	75812.9	-1458.9
2090	10.	73408.2	-1426.1	2180	10.	73654.3	-1437.2	2270	9.3	74801.2	-1405.0	2360	9.2	75817.5	-1452.9
2091	9.6	73411.4	-1426.8	2181	9.0	73655.4	-1408.7	2271	9.4	74811.6	-1403.7	2361	9.5	75832.6	-1453.1
2092	10.	73413.3	-1402.5	2182	9.8	73702.1	-1419.2	2272	9.6	74812.9	-1417.0	2362	8.5	75839.3	-1416.0
2093	10.	73414.3	-1432.6	2183	9.2	73704.3	-1446.1	2273	9.8	74821.1	-1426.1	2363	9.5	75901.7	-1425.4
2094	9.4	73416.6	-1447.2	2184	9.1	73717.0	-1446.2	2274	8.7	74822.9	-1415.3	2364	10.	75901.8	-1420.0
2095	10.	73419.4	-1439.6	2185	10.	73735.8	-1426.0	2275	8.7	74845.2	-1420.6	2365	8.8	75905.6	-1405.5
2096	10.	73419.8	-1402.2	2186	9.4	73741.8	-1429.4	2276	9.4	74852.0	-1448.0	2366	9.0	75908.1	-1457.3
2097	9.4	73423.2	-1414.0	2187	9.8	73759.5	-1453.8	2277	9.4	74904.2	-1455.8	2367	9.3	75942.9	-1420.6
2098	9.9	73423.7	-1427.5	2188	9.4	73759.9	-1419.4	2278	10.	74905.3	-1412.5	2368	9.3	75945.1	-1409.9
2099	8.7	73425.0	-1443.2	2189	9.5	73800.5	-1435.5	2279	9.8	74917.1	-1454.3	2369	9.3	75945.5	-1401.4
2100	10.	73429.3	-1424.8	2190	8.0	73809.6	-1444.1	2280	9.1	74924.2	-1433.9	2370	9.3	75951.0	-1416.1
2101	9.2	73429.6	-1410.9	2191	9.5	73829.1	-1444.4	2281	8.2	74931.7	-1431.0	2371	9.8	75958.0	-1444.2
2102	8.9	73429.6	-1431.4	2192	10.	73829.5	-1456.7	2282	9.5	74939.2	-1427.4	2372	8.7	75958.8	-1426.8
2103	9.5	73430.9	-1407.5	2193	7.0	73848.9	-1420.1	2283	9.8	74940.4	-1446.0	2373	9.5	80013.0	-1453.7
2104	10.	73433.0	-1420.5	2194	7.0	73849.4	-1420.5	2284	9.3	74942.3	-1401.9	2374	9.2	80027.0	-1443.1
2105	9.3	73433.3	-1416.5	2195	9.4	73853.5	-1435.6	2285	9.8	74947.4	-1437.1	2375	9.0	80027.9	-1411.5
2106	10.	73437.4	-1432.3	2196	9.8	73857.6	-1400.5	2286	9.7	74948.8	-1455.8	2376	9.6	80037.4	-1423.1
2107	10.	73439.1	-1437.9	2197	9.0	73858.2	-1435.7	2287	9.4	74955.0	-1440.0	2377	9.7	80040.4	-1456.0
2108	10.	73439.2	-1421.0	2198	9.0	73914.7	-1449.3	2288	9.3	74956.6	-1444.6	2378	9.5	80041.2	-1423.4
2109	9.5	73439.3	-1459.8	2199	6.0	73916.4	-1412.6	2289	9.3	74956.7	-1459.1	2379	10.	80051.4	-1442.3
2110	10.	73440.4	-1434.7	2200	8.6	73940.1	-1443.0	2290	9.5	75009.7	-1408.5	2380	9.4	80056.5	-1432.5
2111	9.7	73440.6	-1428.6	2201	9.1	73945.5	-1432.7	2291	9.7	75027.1	-1454.2	2381	9.6	80102.7	-1432.4
2112	8.5	73444.1	-1429.0	2202	9.3	73953.0	-1453.0	2292	8.2	75032.6	-1407.9	2382	9.0	80104.9	-1413.9
2113	9.6	73444.1	-1425.3	2203	9.0	73956.9	-1410.5	2293	8.0	75033.3	-1413.0	2383	9.3	80131.8	-1452.5
2114	9.4	73447.6	-1458.7	2204	9.6	73957.1	-1404.8	2294	9.1	75040.1	-1447.2	2384	9.3	80134.7	-1425.4
2115	10.	73448.3	-1430.9	2205	9.5	74019.7	-1409.5	2295	9.8	75050.2	-1412.0	2385	8.5	80141.3	-1444.5
2116	9.8	73449.6	-1426.9	2206	9.8	74022.9	-1418.2	2296	9.9	75052.8	-1412.2	2386	9.3	80146.4	-1422.4
2117	10.	73450.6	-1423.0	2207	10.	74024.2	-1404.3	2297	9.3	75057.5	-1445.0	2387	8.4	80149.7	-1448.1
2118	9.5	73450.7	-1434.0	2208	9.4	74024.7	-1449.5	2298	9.3	75059.4	-1453.7	2388	9.4	80153.0	-1446.4
2119	9.7	73452.7	-1417.6	2209	9.4	74030.5	-1452.4	2299	9.0	75101.2	-1408.2	2389	8.6	80202.4	-1448.7
2120	9.9	73455.1	-1431.4	2210	9.3	74039.3	-1419.3	2300	9.5	75102.8	-1405.5	2390	9.8	80211.6	-1408.0
2121	10.	73456.3	-1425.6	2211	8.5	74045.2	-1414.9	2301	8.5	75103.6	-1413.0	2391	9.5	80213.1	-1448.3
2122	9.5	73456.4	-1405.8	2212	9.0	74046.7	-1425.5	2302	9.1	75109.5	-1419.1	2392	10.	80224.4	-1401.8
2123	10.	73457.8	-1423.0	2213	10.	74103.4	-1434.2	2303	9.5	75118.8	-1450.1	2393	8.0	80226.0	-1409.4
2124	10.	73458.1	-1408.2	2214	9.8	74107.9	-1443.6	2304	7.8	75125.4	-1415.0	2394	9.5	80233.0	-1456.8
2125	10.	73459.6	-1420.6	2215	9.3	74119.1	-1457.3	2305	9.5	75135.1	-1452.1	2395	9.3	80300.1	-1437.3
2126	10.	73501.2	-1434.4	2216	10.	74128.1	-1441.5	2306	9.8	75142.1	-1425.3	2396	9.3	80303.2	-1425.7

2397	10.	80315.0	-1448.2	2487	8.8	81453.7	-1458.4	2577	9.5	82742.3	-1417.6	2667	9.7	84258.2	-1432.9
2398	8.3	80316.6	-1411.4	2488	9.8	81505.5	-1453.6	2578	9.9	82830.5	-1441.0	2668	9.5	84316.8	-1415.6
2399	9.5	80409.3	-1438.7	2489	9.8	81513.0	-1444.3	2579	8.4	82838.0	-1443.2	2669	7.8	84340.6	-1404.3
2400	9.1	80415.2	-1428.1	2490	9.3	81517.3	-1425.5	2580	10.	82847.1	-1434.8	2670	9.3	84344.6	-1455.4
2401	9.0	80423.7	-1452.0	2491	9.5	81522.6	-1416.2	2581	9.5	82901.7	-1421.8	2671	9.8	84350.4	-1404.4
2402	9.6	80430.7	-1447.9	2492	9.4	81529.6	-1416.4	2582	9.5	82920.5	-1453.8	2672	9.9	84357.2	-1438.9
2403	9.5	80438.8	-1400.6	2493	9.1	81532.5	-1413.4	2583	8.0	82929.9	-1437.6	2673	9.3	84405.7	-1448.7
2404	8.2	80446.4	-1400.6	2494	9.8	81552.4	-1407.2	2584	10.	82930.0	-1400.1	2674	10.	84411.5	-1449.5
2405	9.3	80452.7	-1456.4	2495	9.6	81604.2	-1441.2	2585	9.5	82941.1	-1433.0	2675	9.0	84415.1	-1432.6
2406	9.0	80509.2	-1414.4	2496	9.5	81618.5	-1411.2	2586	8.5	82948.2	-1406.6	2676	9.1	84428.8	-1447.7
2407	9.3	80509.5	-1445.6	2497	9.8	81625.2	-1449.5	2587	9.7	82958.8	-1440.2	2677	8.5	84443.5	-1451.4
2408	9.4	80509.6	-1458.5	2498	9.2	81629.2	-1451.8	2588	8.6	83006.0	-1415.8	2678	9.4	84507.3	-1406.9
2409	9.3	80523.4	-1454.8	2499	9.8	81715.1	-1400.5	2589	9.8	83006.2	-1458.5	2679	9.6	84508.4	-1426.5
2410	9.5	80535.7	-1415.4	2500	9.8	81718.1	-1448.2	2590	9.0	83017.9	-1435.6	2680	10.	84511.0	-1453.8
2411	10.	80537.0	-1451.5	2501	9.8	81723.2	-1442.6	2591	9.6	83030.4	-1434.3	2681	9.0	84522.1	-1431.4
2412	9.8	80537.7	-1445.2	2502	9.2	81751.1	-1454.9	2592	9.3	83045.6	-1400.6	2682	9.8	84531.2	-1410.8
2413	9.8	80542.1	-1432.9	2503	8.2	81754.8	-1408.0	2593	9.3	83130.5	-1443.0	2683	9.4	84531.2	-1434.0
2414	9.5	80549.7	-1402.8	2504	7.3	81755.5	-1459.3	2594	8.0	83135.9	-1445.9	2684	10.	84542.8	-1412.7
2415	9.3	80553.7	-1448.6	2505	8.7	81801.7	-1443.3	2595	9.1	83142.4	-1440.9	2685	10.	84544.0	-1413.0
2416	9.0	80555.9	-1452.7	2506	9.4	81805.6	-1449.3	2596	8.7	83156.5	-1413.2	2686	10.	84554.6	-1447.3
2417	8.8	80556.3	-1450.3	2507	9.8	81805.7	-1401.3	2597	8.7	83209.0	-1410.1	2687	9.6	84555.8	-1400.4
2418	9.0	80600.7	-1458.0	2508	8.3	81806.7	-1422.1	2598	9.2	83213.4	-1433.9	2688	8.5	84557.8	-1420.1
2419	9.0	80601.1	-1416.0	2509	9.5	81814.0	-1415.6	2599	9.0	83216.7	-1439.8	2689	8.8	84558.4	-1455.2
2420	8.8	80603.5	-1408.6	2510	7.3	81815.9	-1449.5	2600	9.8	83217.5	-1449.3	2690	9.6	84630.5	-1404.3
2421	9.0	80613.9	-1412.4	2511	8.8	81820.5	-1441.8	2601	9.2	83221.2	-1459.6	2691	8.3	84635.5	-1451.6
2422	9.0	80615.6	-1431.2	2512	9.3	81835.9	-1430.7	2602	10.	83238.3	-1437.0	2692	9.5	84640.8	-1440.7
2423	9.1	80617.7	-1420.4	2513	9.4	81839.9	-1407.4	2603	9.9	83246.4	-1432.5	2693	9.8	84645.9	-1401.8
2424	8.3	80621.3	-1420.1	2514	9.7	81844.0	-1454.6	2604	9.0	83305.1	-1459.8	2694	9.9	84653.9	-1426.5
2425	9.1	80626.2	-1454.5	2515	8.0	81905.5	-1457.5	2605	10.	83309.4	-1438.7	2695	9.0	84654.5	-1450.2
2426	10.	80639.4	-1457.4	2516	9.4	81907.4	-1445.8	2606	9.8	83312.0	-1451.9	2696	9.0	84710.2	-1441.4
2427	9.5	80647.6	-1450.9	2517	6.4	81911.7	-1427.9	2607	9.2	83313.5	-1443.1	2697	9.2	84724.1	-1439.8
2428	9.1	80700.4	-1425.9	2518	9.4	81917.2	-1424.3	2608	7.8	83318.0	-1431.4	2698	9.8	84754.8	-1422.7
2429	9.3	80704.0	-1428.1	2519	9.8	81925.1	-1432.1	2609	9.5	83318.5	-1443.5	2699	10.	84759.2	-1418.6
2430	9.3	80711.1	-1458.2	2520	9.9	81925.7	-1429.4	2610	8.5	83333.8	-1447.4	2700	8.5	84807.8	-1433.8
2431	9.7	80711.7	-1442.4	2521	9.8	81935.1	-1450.5	2611	8.2	83337.7	-1411.5	2701	9.5	84808.7	-1417.5
2432	9.5	80713.3	-1414.3	2522	9.1	81952.1	-1433.9	2612	9.1	83343.9	-1408.5	2702	9.8	84811.3	-1446.3
2433	10.	80721.8	-1409.1	2523	9.8	82009.4	-1441.6	2613	9.4	83344.8	-1445.9	2703	9.6	84822.1	-1449.3
2434	9.5	80725.6	-1454.7	2524	9.7	82026.1	-1458.1	2614	8.5	83411.0	-1439.3	2704	8.5	84842.5	-1404.5
2435	9.7	80728.1	-1408.3	2525	9.9	82038.7	-1455.1	2615	8.8	83416.8	-1420.7	2705	9.5	84845.8	-1420.
2436	9.2	80729.3	-1411.2	2526	7.0	82042.5	-1427.5	2616	9.3	83429.6	-1410.5	2706	9.0	84855.0	-1458.1
2437	9.8	80730.5	-1405.0	2527	9.4	82049.1	-1443.8	2617	9.7	83429.9	-1434.6	2707	6.5	84906.9	-1453.4
2438	9.5	80746.6	-1439.5	2528	9.7	82052.3	-1442.2	2618	9.4	83430.8	-1436.1	2708	9.9	84945.4	-1450.1
2439	9.8	80748.7	-1415.2	2529	9.3	82053.0	-1457.4	2619	9.7	83457.4	-1459.9	2709	8.9	85024.4	-1400.8
2440	8.8	80803.2	-1452.7	2530	9.7	82104.3	-1402.0	2620	9.6	83504.3	-1407.2	2710	9.7	85026.3	-1428.0
2441	9.5	80835.4	-1427.2	2531	9.5	82118.1	-1408.8	2621	10.	83508.3	-1447.6	2711	9.8	85057.2	-1421.3
2442	9.4	80840.3	-1405.6	2532	8.5	82132.1	-1406.1	2622	10.	83528.1	-1428.1	2712	8.9	85114.8	-1425.4
2443	9.8	80848.3	-1458.0	2533	9.3	82133.0	-1454.3	2623	9.2	83542.4	-1410.9	2713	9.7	85115.0	-1443.2
2444	9.4	80859.4	-1457.4	2534	9.8	82138.7	-1444.5	2624	9.3	83549.7	-1400.5	2714	9.1	85124.0	-1449.0
2445	9.8	80910.8	-1421.0	2535	9.3	82140.9	-1426.4	2625	9.2	83551.0	-1417.1	2715	9.0	85159.3	-1425.9
2446	9.8	80921.0	-1426.9	2536	8.6	82143.0	-1430.2	2626	9.1	83554.2	-1454.4	2716	9.4	85200.9	-1457.5
2447	9.1	80929.1	-1432.5	2537	9.5	82208.2	-1443.8	2627	9.1	83555.8	-1452.2	2717	10.	85237.5	-1440.0
2448	9.5	80930.2	-1420.8	2538	9.8	82212.7	-1402.8	2628	9.8	83606.8	-1404.9	2718	10.	85243.0	-1459.3
2449	9.6	80932.3	-1402.1	2539	9.1	82234.0	-1454.9	2629	8.4	83608.6	-1428.3	2719	9.5	85251.8	-1455.4
2450	9.6	80942.8	-1449.8	2540	9.4	82242.6	-1408.8	2630	8.7	83622.7	-1428.6	2720	8.0	85252.7	-1426.8
2451	9.1	80948.4	-1423.3	2541	10.	82247.0	-1453.3	2631	8.5	83705.7	-1432.7	2721	9.7	85312.0	-1438.1
2452	9.0	80956.5	-1430.4	2542	9.1	82256.8	-1402.3	2632	9.8	83709.3	-1456.4	2722	8.3	85329.1	-1415.2
2453	9.5	81000.1	-1400.4	2543	9.3	82301.5	-1458.5	2633	9.3	83717.1	-1427.4	2723	10.	85345.5	-1449.0
2454	9.3	81001.6	-1451.0	2544	9.4	82322.3	-1443.2	2634	9.4	83725.0	-1453.0	2724	9.8	85345.8	-1428.1
2455	9.2	81009.2	-1419.4	2545	9.2	82324.1	-1424.6	2635	9.8	83752.9	-1436.8	2725	9.8	85419.0	-1410.2
2456	7.0	81010.1	-1442.5	2546	9.4	82324.6	-1450.1	2636	9.6	83813.9	-1444.7	2726	8.4	85420.8	-1449.5
2457	8.5	81010.7	-1430.1	2547	10.	82331.2	-1417.0	2637	8.2	83819.6	-1453.8	2727	9.4	85433.1	-1418.9
2458	10.	81110.6	-1415.8	2548	8.2	82339.2	-1452.9	2638	9.8	83821.0	-1448.7	2728	9.3	85433.2	-1406.9
2459	9.8	81116.5	-1455.0	2549	9.5	82340.4	-1450.6	2639	9.8	83832.3	-1415.7	2729	8.5	85445.9	-1436.8
2460	8.0	81118.5	-1431.6	2550	9.3	82343.6	-1441.1	2640	9.8	83846.5	-1425.2	2730	9.5	85532.9	-1437.9
2461	9.8	81121.2	-1411.7	2551	9.4	82353.2	-1429.0	2641	9.5	83916.2	-1453.2	2731	9.8	85605.0	-1443.7
2462	9.6	81121.4	-1450.4	2552	8.0	82419.6	-1442.0	2642	10.	83920.6	-1401.6	2732	8.5	85612.1	-1418.1
2463	10.	81133.1	-1416.6	2553	9.5	82431.0	-1435.5	2643	10.	83921.5	-1405.4	2733	8.3	85625.4	-1441.0
2464	9.7	81143.5	-1430.5	2554	9.0	82431.0	-1400.9	2644	10.	83922.4	-1432.7	2734	9.1	85625.8	-1453.2
2465	8.8	81152.8	-1459.1	2555	9.3	82439.9	-1439.4	2645	9.4	83924.0	-1441.3	2735	9.7	85643.8	-1445.4
2466	7.1	81153.0	-1407.1	2556	9.5	82445.4	-1427.0	2646	9.1	83948.7	-1457.0	2736	9.6	85655.4	-1428.7
2467	9.7	81153.3	-1451.0	2557	10.	82506.5	-1405.0	2647	9.5	84014.7	-1459.0	2737	9.1	85722.3	-1438.1
2468	9.6	81157.5	-1438.3	2558	9.8	82518.3	-1426.0	2648	9.4	84016.0	-1440.6	2738	9.1	85724.5	-1421.3
2469	9.3	81201.9	-1445.2	2559	9.8	82533.2	-1409.9	2649	9.1	84019.7	-1436.1	2739	9.7	85744.5	-1444.7
2470	9.2	81224.9	-1445.7	2560	9.8	82538.5	-1446.2	2650	10.	84022.1	-1430.3	2740	10.	85826.4	-1400.5
2471	8.8	81228.6	-1425.3	2561	9.6	82539.6	-1444.7	2651	9.9	84031.3	-1412.6	2741	8.5	85847.5	-1400.3
2472	9.5	81249.4	-1423.4	2562	9.5	82542.0	-1432.3	2652	9.6	84033.5	-1439.0	2742	9.0	85854.6	-1424.7
2473	9.3	81259.7	-1440.7	2563	9.0	82543.7	-1455.1	2653	9.4	84103.3	-1411.4	2743	8.7	85856.4	-1413.2
2474	8.1	81320.5	-1409.3	2564	6.8	82548.4	-1432.4	2654	9.5	84111.0	-1420.3	2744	9.2	85858.5	-1416.5
2475	9.0	81323.4	-1426.3	2565	9.2	82556.6	-1452.1	2655	10.	84120.5	-1424.8	2745	9.8	85859.4	-1415.5
2476	9.3	81335.3	-1424.2	2566	9.4	82557.0	-1421.0	2656	9.3	84127.5	-1426.0	2746	9.6	85935.7	-1441.3
2477	9.5	81344.8	-1459.4	2567	9.8	82559.0	-1436.1	2657	10.	84132.3	-1405.2	2747	9.3	85940.0	-1450.5
2478	9.6	81346.0	-1455.3	2568	9.2	82611.7	-1445.8	2658	9.2	84154.6	-1431.2	2748	9.5	85945.7	-1433.5
2479	9.4	81401.2	-1441.1	2569	8.9	82613.6	-1410.7	2659	9.7	84154.8	-1412.3	2749	10.	90001.2	-1433.0
2480	9.3	81403.6	-1417.0	2570	10.	82634.1	-1404.0	2660	9.5	84203.7	-1454.6	2750	10.	90026.7	-1454.7
2481	9.8	81414.3	-1453.2	2571	9.1	82641.5	-1416.3	2661	9.1	84214.4	-1418.3	2751	9.1	90036.2	-1455.5
2482	10.	81422.8	-1403.9	2572	8.3	82645.6	-1442.7	2662	10.	84219.6	-1436.0	2752	9.3	90043.7	-1431.2
2483	7.1	81436.0	-1431.1	2573	9.3	82707.0	-1435.6	2663	9.8	84219.9	-1408.1	2753	10.	90054.1	-1400.1
2484	9.0	81437.9	-1447.7	2574	9.2	82720.1	-1402.1	2664	9.8	84222.1	-1430.0	2754	9.7	90103.7	-1441.7
2485	9.0	81445.2	-1420.5	2575	9.6	82739.7	-1401.6	2665	9.0	84250.4	-1456.4	2755	9.2	90133.8	-1447.5
2486	9.3	81447.3	-1450.2	2576	9.2	82742.3	-1446.2	2666	9.1	84255.3	-1409.4	2756	9.4	90139.5	-1421.1

2757	7.2	90140.5 -1433.4	2847	9.7	91834.6 -1444.4	2937	9.7	93758.7 -1433.8	3027	10.	95921.4 -1430.7
2758	9.8	90142.1 -1449.0	2848	9.4	91834.9 -1411.8	2938	8.6	93809.4 -1420.2	3028	9.4	95932.1 -1408.8
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2760	9.9	90222.0 -1426.5	2850	8.9	91846.4 -1402.7	2940	10.	93839.3 -1443.2	3030	9.4	100021.3 -1458.0
2761	9.8	90226.6 -1427.6	2851	9.0	91904.8 -1434.1	2941	9.2	93841.7 -1445.6	3031	9.4	100039.6 -1409.9
2762	9.4	90243.0 -1442.4	2852	9.7	91919.0 -1449.7	2942	9.1	93844.2 -1432.7	3032	8.8	100041.7 -1424.1
2763	9.4	90248.9 -1416.7	2853	10.	91926.9 -1408.0	2943	9.6	93910.9 -1402.4	3033	9.1	100115.2 -1424.6
2764	9.8	90251.3 -1437.8	2854	10.	91927.7 -1412.0	2944	9.5	93939.0 -1452.5	3034	9.3	100120.8 -1457.1
2765	9.5	90308.4 -1457.2	2855	9.2	91934.9 -1422.2	2945	10.	93940.3 -1442.5	3035	9.8	100122.5 -1407.5
2766	8.5	90315.7 -1431.6	2856	10.	91945.2 -1450.8	2946	9.4	94019.9 -1401.8	3036	6.5	100135.7 -1454.2
2767	9.1	90321.3 -1414.0	2857	9.8	92011.8 -1430.9	2947	9.2	94028.2 -1414.6	3037	9.5	100155.0 -1407.8
2768	9.5	90323.6 -1426.1	2858	9.5	92014.0 -1445.8	2948	9.8	94035.8 -1452.5	3038	10.	100207.4 -1440.6
2769	7.5	90335.4 -1418.7	2859	9.5	92039.9 -1438.4	2949	10.	94049.3 -1442.9	3039	7.5	100208.4 -1446.5
2770	10.	90359.4 -1417.8	2860	7.5	92100.0 -1414.0	2950	10.	94051.6 -1404.6	3040	9.3	100214.0 -1440.8
2771	9.3	90400.8 -1428.5	2861	9.8	92125.1 -1424.3	2951	8.5	94058.8 -1416.2	3041	7.8	100241.8 -1403.1
2772	8.0	90405.5 -1452.3	2862	10.	92133.1 -1448.1	2952	9.1	94106.2 -1444.9	3042	10.	100310.1 -1416.5
2773	8.0	90426.4 -1421.8	2863	9.1	92149.2 -1403.6	2953	10.	94138.3 -1445.2	3043	9.9	100320.3 -1425.3
2774	9.4	90513.2 -1405.0	2864	9.1	92304.1 -1427.3	2954	10.	94220.3 -1417.2	3044	9.1	100331.2 -1454.9
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2777	9.5	90552.6 -1406.1	2867	6.3	92330.4 -1456.6	2957	8.8	94319.9 -1441.4	3047	9.8	100422.6 -1437.4
2778	9.3	90557.1 -1452.5	2868	10.	92332.6 -1410.7	2958	9.1	94355.7 -1457.8	3048	10.	100432.6 -1411.0
2779	10.	90600.3 -1443.1	2869	10.	92333.2 -1426.0	2959	9.5	94358.1 -1410.9	3049	8.7	100433.0 -1420.6
2780	7.7	90608.0 -1449.8	2870	9.0	92345.3 -1431.6	2960	8.4	94415.3 -1400.4	3050	9.0	100439.8 -1442.5
2781	9.0	90632.2 -1406.3	2871	9.8	92405.8 -1448.6	2961	9.7	94420.0 -1408.3	3051	9.8	100455.0 -1417.5
2782	9.8	90634.1 -1434.1	2872	8.5	92409.7 -1410.9	2962	9.8	94427.0 -1431.5	3052	9.4	100502.3 -1430.4
2783	9.2	90635.6 -1444.6	2873	9.6	92410.1 -1401.0	2963	5.0	94430.9 -1410.0	3053	9.1	100515.8 -1447.0
2784	9.6	90651.7 -1402.0	2874	9.3	92434.5 -1430.6	2964	9.0	94436.5 -1442.4	3054	7.0	100522.3 -1421.3
2785	9.3	90656.6 -1415.0	2875	10.	92454.6 -1441.0	2965	9.0	94455.6 -1414.6	3055	8.5	100538.4 -1459.5
2786	6.9	90711.1 -1406.0	2876	8.5	92503.2 -1407.8	2966	9.2	94502.2 -1436.2	3056	8.8	100550.4 -1413.3
2787	9.6	90727.5 -1430.6	2877	9.6	92505.1 -1420.6	2967	9.5	94504.4 -1406.3	3057	9.6	100554.6 -1400.7
2788	9.3	90746.1 -1440.6	2878	9.6	92602.4 -1426.5	2968	9.2	94510.8 -1457.8	3058	10.	100618.3 -1450.6
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2790	9.0	90800.8 -1415.8	2880	9.4	92620.3 -1458.1	2970	8.9	94525.8 -1440.4	3060	9.8	100647.0 -1421.0
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2793	6.8	90833.9 -1425.8	2883	8.8	92639.7 -1447.9	2973	9.8	94615.7 -1424.2	3063	9.8	100704.6 -1455.6
2794	9.0	90843.5 -1445.2	2884	9.4	92654.1 -1404.5	2974	9.8	94623.4 -1442.4	3064	9.8	100710.2 -1401.5
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2796	9.4	90924.9 -1426.3	2886	9.3	92719.0 -1444.5	2976	9.8	94755.7 -1426.8	3066	8.9	100754.9 -1414.6
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2798	9.6	90941.0 -1440.9	2888	9.0	92737.2 -1423.8	2978	9.2	94845.6 -1417.5	3068	9.4	100818.6 -1424.0
2799	9.7	90957.6 -1434.5	2889	9.7	92756.3 -1448.3	2979	9.2	94849.8 -1459.3	3069	9.3	100832.3 -1443.3
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2801	9.1	91008.3 -1452.7	2891	9.6	92823.8 -1440.2	2981	10.	95006.8 -1436.6	3071	9.6	100852.0 -1416.8
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2803	9.1	91017.2 -1430.9	2893	9.6	92834.9 -1402.8	2983	9.2	95017.5 -1414.8	3073	10.	100919.7 -1406.4
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2810	9.3	91115.7 -1402.8	2900	9.5	93011.2 -1451.0	2990	9.4	95201.8 -1408.5	3080	9.8	101117.4 -1450.8
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2817	10.	91256.1 -1408.1	2907	9.0	93133.3 -1459.0	2997	9.5	95343.2 -1447.9	3087	9.8	101226.7 -1409.9
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2822	9.8	91313.7 -1449.7	2912	10.	93318.0 -1415.8	3002	7.7	95423.3 -1445.4	3092	9.1	101333.5 -1415.9
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2827	9.4	91403.4 -1447.0	2917	9.5	93356.1 -1418.2	3007	8.5	95515.3 -1412.8	3097	8.6	101439.9 -1428.1
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2842	9.0	91700.8 -1428.8	2932	9.9	93629.7 -1435.8	3022	9.5	95830.0 -1444.8	3112	9.6	101710.9 -1436.1
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3117	9.2	101828.2	-1443.0	3207	10.	104524.9	-1424.0	3297	8.6	110953.0	-1418.0	3387	9.5	113528.6	-1458.0
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3121	9.2	102017.0	-1444.5	3211	9.7	104557.7	-1401.1	3301	9.8	111143.3	-1405.6	3391	8.4	113642.4	-1439.1
3122	9.3	102028.1	-1422.0	3212	9.8	104608.5	-1432.9	3302	9.4	111206.0	-1424.4	3392	9.8	113717.8	-1449.9
3123	8.7	102037.0	-1443.7	3213	6.6	104622.3	-1440.5	3303	9.3	111226.1	-1414.5	3393	10.	113722.1	-1418.0
3124	9.8	102051.1	-1418.7	3214	9.5	104634.4	-1429.7	3304	9.3	111226.6	-1448.8	3394	9.8	113728.9	-1403.6
3125	9.8	102057.4	-1439.4	3215	9.9	104648.0	-1447.7	3305	8.8	111232.1	-1431.2	3395	9.5	113729.2	-1426.7
3126	9.6	102104.3	-1407.0	3216	10.	104711.3	-1436.7	3306	10.	111312.3	-1424.7	3396	9.4	113734.8	-1431.5
3127	9.1	102121.0	-1422.1	3217	10.	104716.2	-1442.7	3307	9.0	111337.0	-1402.5	3397	9.8	113800.1	-1420.7
3128	9.2	102228.5	-1420.4	3218	9.5	104722.1	-1419.4	3308	9.0	111432.8	-1416.5	3398	9.8	113801.5	-1445.4
3129	9.9	102241.4	-1454.8	3219	9.7	104726.5	-1421.2	3309	9.4	111434.9	-1404.9	3399	9.7	113837.2	-1402.7
3130	10.	102301.5	-1455.2	3220	9.7	104731.7	-1450.9	3310	9.7	111510.5	-1416.5	3400	9.8	113856.8	-1429.8
3131	9.3	102317.1	-1439.0	3221	8.6	104744.8	-1440.6	3311	9.8	111517.2	-1411.0	3401	10.	113901.7	-1432.9
3132	9.6	102405.7	-1440.4	3222	10.	104804.8	-1419.0	3312	9.7	111613.4	-1442.1	3402	8.8	113909.4	-1407.9
3133	9.2	102419.6	-1426.5	3223	8.8	104817.6	-1451.5	3313	9.1	111700.9	-1430.6	3403	9.6	113924.7	-1431.8
3134	6.8	102432.3	-1408.8	3224	9.1	104817.9	-1429.5	3314	10.	111710.0	-1451.8	3404	10.	113946.0	-1405.2
3135	9.4	102442.5	-1455.9	3225	9.5	104837.9	-1453.7	3315	10.	111710.7	-1410.2	3405	9.8	113952.4	-1409.9
3136	9.4	102457.4	-1415.2	3226	9.0	104851.7	-1415.7	3316	9.7	111726.0	-1453.6	3406	8.2	114031.3	-1439.4
3137	10.	102548.8	-1411.7	3227	9.8	104907.6	-1440.7	3317	9.7	111726.6	-1457.8	3407	9.2	114041.1	-1425.7
3138	8.3	102600.4	-1400.6	3228	9.5	104909.2	-1455.7	3318	9.4	111742.5	-1423.4	3408	9.8	114041.4	-1450.0
3139	9.7	102620.2	-1450.5	3229	8.4	104920.7	-1447.6	3319	9.9	111743.6	-1403.9	3409	10.	114047.6	-1429.3
3140	9.5	102621.9	-1453.8	3230	8.0	104938.5	-1407.4	3320	9.4	111745.4	-1424.3	3410	9.1	114052.5	-1423.3
3141	9.8	102647.6	-1431.1	3231	9.6	104943.1	-1409.9	3321	8.8	111844.6	-1409.2	3411	9.1	114054.2	-1451.3
3142	9.4	102704.7	-1440.4	3232	8.5	105007.5	-1457.6	3322	9.4	111849.0	-1455.2	3412	9.9	114112.3	-1410.1
3143	9.7	102706.9	-1435.5	3233	9.3	105034.3	-1440.4	3323	9.9	111853.6	-1459.3	3413	8.6	114119.1	-1411.9
3144	9.9	102725.0	-1458.7	3234	10.	105041.9	-1450.1	3324	9.4	111913.0	-1457.6	3414	9.0	114129.0	-1444.7
3145	9.5	102751.7	-1400.4	3235	9.9	105102.3	-1423.4	3325	9.3	111938.9	-1456.0	3415	8.5	114218.2	-1437.3
3146	8.9	102759.7	-1409.4	3236	10.	105209.3	-1454.6	3326	7.5	111953.3	-1450.6	3416	10.	114251.0	-1439.4
3147	9.3	102811.1	-1453.8	3237	8.2	105243.3	-1439.1	3327	10.	112001.2	-1458.0	3417	9.6	114255.2	-1428.6
3148	9.6	102854.1	-1449.3	3238	9.8	105305.3	-1435.3	3328	9.8	112046.3	-1431.5	3418	8.2	114327.9	-1434.8
3149	8.9	102907.5	-1429.6	3239	9.1	105342.2	-1434.7	3329	9.8	112052.2	-1440.2	3419	9.1	114403.4	-1414.4
3150	9.1	102926.0	-1428.0	3240	10.	105345.6	-1447.4	3330	9.7	112136.5	-1407.4	3420	10.	114423.5	-1430.5
3151	8.4	102944.3	-1440.0	3241	10.	105414.9	-1457.8	3331	9.6	112152.9	-1400.0	3421	9.8	114427.2	-1454.1
3152	10.	103037.9	-1447.7	3242	10.	105438.1	-1428.3	3332	9.0	112157.9	-1418.7	3422	9.6	114458.7	-1444.5
3153	9.1	103039.0	-1443.8	3243	10.	105451.0	-1442.6	3333	9.3	112204.3	-1451.8	3423	9.4	114519.6	-1420.7
3154	9.4	103056.5	-1446.4	3244	10.	105452.3	-1414.0	3334	9.8	112217.1	-1415.6	3424	8.2	114523.5	-1402.0
3155	9.4	103124.2	-1421.1	3245	8.0	105454.7	-1454.5	3335	10.	112236.7	-1425.7	3425	9.9	114537.3	-1449.2
3156	7.5	103143.8	-1459.0	3246	8.7	105508.1	-1445.1	3336	10.	112259.3	-1434.8	3426	9.5	114540.1	-1456.0
3157	9.5	103206.1	-1409.8	3247	8.9	105526.9	-1405.2	3337	10.	112306.8	-1453.3	3427	8.0	114550.0	-1452.0
3158	9.8	103243.2	-1457.0	3248	9.2	105602.8	-1409.4	3338	9.0	112308.0	-1431.5	3428	8.2	114618.1	-1447.6
3159	9.6	103300.3	-1428.1	3249	9.9	105615.6	-1429.9	3339	9.7	112312.4	-1440.8	3429	8.7	114625.3	-1402.3
3160	9.0	103339.5	-1443.9	3250	10.	105631.3	-1427.0	3340	9.1	112319.6	-1418.3	3430	9.5	114637.1	-1403.0
3161	8.0	103343.2	-1427.5	3251	10.	105631.8	-1406.2	3341	10.	112421.8	-1406.0	3431	9.8	114709.6	-1410.0
3162	10.	103412.9	-1406.5	3252	9.4	105703.2	-1437.1	3342	9.2	112440.6	-1457.0	3432	9.7	114735.5	-1417.2
3163	9.4	103426.5	-1413.2	3253	9.6	105714.9	-1417.6	3343	9.1	112516.5	-1448.8	3433	9.7	114802.9	-1441.2
3164	8.1	103434.6	-1455.4	3254	10.	105717.4	-1408.0	3344	10.	112535.1	-1431.7	3434	9.9	114840.0	-1413.9
3165	8.7	103458.0	-1436.6	3255	8.5	105722.8	-1408.5	3345	9.8	112537.0	-1457.0	3435	8.6	114852.8	-1441.6
3166	9.0	103612.5	-1412.1	3256	9.7	105748.0	-1422.8	3346	9.2	112551.9	-1400.8	3436	9.0	114947.3	-1439.4
3167	9.2	103615.9	-1432.5	3257	9.8	105814.5	-1443.2	3347	10.	112610.7	-1415.7	3437	9.5	115017.1	-1424.8
3168	10.	103631.4	-1439.4	3258	10.	105822.6	-1438.8	3348	10.	112618.6	-1436.1	3438	7.5	115109.4	-1418.3
3169	8.7	103640.8	-1402.1	3259	9.2	105925.1	-1401.1	3349	8.0	112701.0	-1442.3	3439	8.2	115122.9	-1403.5
3170	8.8	103700.7	-1425.4	3260	9.1	105934.1	-1420.8	3350	8.8	112718.4	-1446.1	3440	9.8	115144.4	-1403.8
3171	9.0	103703.4	-1447.3	3261	9.1	105936.0	-1443.4	3351	9.6	112722.8	-1417.8	3441	9.7	115212.3	-1448.6
3172	9.0	103723.7	-1405.4	3262	8.3	105954.1	-1446.0	3352	9.3	112725.2	-1401.3	3442	9.0	115248.2	-1437.2
3173	10.	103746.9	-1409.6	3263	8.2	110009.4	-1435.3	3353	8.8	112809.5	-1420.4	3443	9.0	115257.3	-1425.1
3174	8.9	103859.1	-1443.7	3264	9.7	110036.0	-1441.9	3354	10.	112817.5	-1423.8	3444	9.0	115303.8	-1428.3
3175	8.5	103908.1	-1422.6	3265	10.	110056.9	-1423.4	3355	8.7	112823.5	-1459.9	3445	9.5	115314.9	-1409.5
3176	7.5	103918.0	-1416.2	3266	8.6	110121.6	-1446.5	3356	9.3	112833.6	-1428.7	3446	9.2	115316.3	-1421.3
3177	10.	103919.8	-1401.9	3267	10.	110123.5	-1402.5	3357	9.0	112838.6	-1450.3	3447	9.8	115321.2	-1434.2
3178	8.8	103924.5	-1448.9	3268	9.1	110132.0	-1444.5	3358	9.4	112846.4	-1445.8	3448	9.3	115401.2	-1443.1
3179	8.7	103933.1	-1444.2	3269	9.5	110141.9	-1450.6	3359	10.	112848.0	-1459.7	3449	9.8	115413.4	-1411.9
3180	9.8	103935.9	-1443.6	3270	9.7	110224.6	-1439.2	3360	9.9	112927.3	-1414.4	3450	9.8	115436.7	-1437.8
3181	7.2	103950.5	-1458.5	3271	10.	110231.1	-1454.4	3361	9.8	112942.4	-1423.3	3451	9.1	115444.3	-1453.9
3182	9.1	104009.9	-1451.1	3272	9.0	110233.4	-1418.2	3362	10.	113003.3	-1420.0	3452	9.7	115540.6	-1435.4
3183	9.4	104017.7	-1437.3	3273	9.2	110234.5	-1405.3	3363	10.	113014.3	-1415.1	3453	9.3	115623.2	-1422.4
3184	7.8	104029.2	-1451.2	3274	9.8	110257.2	-1405.9	3364	9.8	113039.4	-1424.5	3454	8.6	115639.2	-1428.5
3185	10.	104029.3	-1440.9	3275	9.9	110317.1	-1405.7	3365	9.6	113050.3	-1445.7	3455	9.7	115641.9	-1450.0
3186	7.0	104029.5	-1429.7	3276	8.8	110325.7	-1407.5	3366	10.	113052.8	-1412.9	3456	9.1	115655.2	-1418.2
3187	9.0	104030.0	-1451.2	3277	9.0	110413.1	-1411.1	3367	9.4	113119.2	-1409.8	3457	9.1	115710.7	-1416.9
3188	7.5	104030.7	-1428.4	3278	9.7	110427.9	-1401.5	3368	9.5	113122.0	-1430.7	3458	9.5	115815.1	-1417.3
3189	7.2	104033.3	-1420.5	3279	9.2	110432.6	-1402.5	3369	10.	113124.5	-1447.3	3459	9.5	115958.5	-1434.1
3190	8.5	104055.5	-1411.8	3280	9.3	110457.9	-1444.9	3370	8.0	113124.6	-1415.4	3460	8.3	120009.3	-1403.1
3191	10.	104132.4	-1417.1	3281	9.1	110521.0	-1455.1	3371	8.5	113139.3	-1413.8	3461	9.5	120038.0	-1430.9
3192	9.6	104151.8	-1447.8	3282	9.3	110525.5	-1442.0	3372	8.8	113143.1	-1403.5	3462	9.0	120043.1	-1418.8
3193	8.2	104157.9	-1423.6	3283	9.9	110556.7	-1417.8	3373	9.5	113145.8	-1415.3	3463	9.5	120044.0	-1427.1
3194	10.	104214.0	-1431.8	3284	9.3	110605.1	-1411.2	3374	9.9	113153.0	-1452.7	3464	9.1	120044.4	-1442.5
3195	9.7	104257.0	-1424.6	3285	9.9	110606.2	-1420.4	3375	9.1	113202.8	-1405.2	3465	9.1	120100.0	-1450.4
3196	9.5	104259.4	-1428.2	3286	9.0	110615.3	-1428.6	3376	9.3	113222.7	-1401.0	3466	9.4	120135.6	-1449.0
3197	9.8	104311.6	-1414.7	3287	9.3	110618.7	-1424.0	3377	9.3	113244.7	-1414.8	3467	9.5	120235.5	-1454.7
3198	8.8	104311.9	-1413.1	3288	8.6	110630.6	-1412.1	3378	9.2	113330.4	-1435.3	3468	8.4	120247.9	-1436.8
3199	8.0	104318.4	-1419.6	3289	8.0	110649.4	-1438.7	3379	9.1	113332.9	-1403.8	3469	8.7	120320.5	-1407.6
3200	9.8	104329.1	-1455.0	3290	9.7	110651.7	-1421.3	3380	10.	113420.4	-1453.1	3470	9.5	120349.8	-1433.0
3201	9.5	104330.0	-1459.1	3291	9.5	110659.5	-1456.6	3381	9.1	113429.1	-1425.6	3471	9.4	120353.9	-1413.4
3202	7.5	104345.3	-1407.2	3292	9.1	110737.8	-1426.7	3382	8.5	113456.0	-1455.2	3472	9.4	120409.8	-1417.3
3203	10.	104400.3	-1449.7	3293	10.	110742.6	-1418.7	3383	9.0	113458.3	-1424.3	3473	9.7	120428.5	-1414.0
3204	9.8	104406.9	-1440.8	3294	9.1	110745.2	-1403.6	3384	10.	113459.7	-1441.8	3474	10.	120453.3	-1435.8
3205	9.5	104437.7	-1404.4	3295	9.0	110752.6	-1421.5	3385	10.	113507.0	-1406.8	3475	9.3	120501.3	-1444.9
3206	9.6	104448.8	-1440.8	3296	10.	110910.5	-1414.4	3386	9.4	113513.4	-1435.1	3476	8.3	120502.6	-1439.2

3477	9.8	120521.4	-1447.4	3567	9.9	123631.5	-1410.0	3657	8.7	130240.0	-1434.8	3747	9.8	132720.0	-1403.8
3478	9.3	120543.9	-1426.0	3568	8.3	123733.4	-1405.9	3658	9.4	130240.8	-1450.4	3748	9.5	132744.2	-1443.7
3479	9.0	120638.9	-1442.2	3569	9.8	123754.7	-1433.4	3659	9.5	130251.1	-1423.6	3749	8.8	132749.7	-1405.0
3480	9.4	120642.9	-1411.0	3570	7.9	123756.2	-1442.4	3660	9.8	130445.9	-1438.6	3750	8.6	132758.0	-1414.3
3481	9.8	120819.2	-1436.2	3571	10.	123814.7	-1415.1	3661	9.8	130447.0	-1407.0	3751	9.3	132803.1	-1408.8
3482	9.3	120827.3	-1402.8	3572	7.9	123825.5	-1444.6	3662	10.	130500.3	-1411.4	3752	9.0	132822.1	-1430.7
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3484	8.3	120943.7	-1425.8	3574	9.8	123855.9	-1403.0	3664	9.8	130517.8	-1403.5	3754	10.	132836.6	-1447.5
3485	9.7	121008.4	-1445.3	3575	9.5	123923.3	-1422.2	3665	7.9	130534.5	-1441.4	3755	8.8	132859.3	-1428.6
3486	8.9	121032.8	-1408.1	3576	9.8	123951.8	-1433.3	3666	9.7	130536.1	-1419.7	3756	8.5	132940.3	-1451.0
3487	10.	121044.6	-1425.5	3577	9.8	124009.2	-1442.1	3667	9.7	130559.3	-1408.7	3757	10.	132948.2	-1437.8
3488	7.7	121053.1	-1446.9	3578	9.5	124032.2	-1429.0	3668	8.3	130600.9	-1437.2	3758	9.8	132951.9	-1449.1
3489	8.2	121129.7	-1458.5	3579	9.1	124033.0	-1417.5	3669	9.3	130609.4	-1439.0	3759	10.	132958.6	-1428.7
3490	9.8	121159.0	-1457.4	3580	9.7	124034.4	-1405.4	3670	9.3	130631.1	-1415.4	3760	8.2	133011.6	-1433.4
3491	9.5	121216.6	-1434.1	3581	7.5	124055.5	-1455.4	3671	8.6	130708.4	-1414.7	3761	9.5	133028.5	-1411.1
3492	10.	121220.0	-1457.0	3582	9.4	124106.8	-1409.2	3672	9.5	130741.7	-1448.5	3762	9.5	133030.6	-1428.7
3493	8.0	121227.7	-1414.9	3583	9.2	124121.6	-1451.1	3673	9.6	130742.9	-1445.3	3763	9.2	133043.6	-1406.1
3494	8.7	121253.6	-1401.1	3584	9.4	124134.4	-1443.0	3674	9.0	130756.6	-1412.7	3764	9.8	133047.2	-1453.4
3495	8.5	121315.0	-1457.0	3585	8.8	124145.3	-1403.0	3675	9.6	130810.8	-1421.5	3765	10.	133059.6	-1440.0
3496	9.8	121344.2	-1419.2	3586	10.	124200.6	-1436.2	3676	10.	130820.7	-1411.8	3766	9.4	133132.2	-1455.5
3497	9.4	121401.1	-1438.0	3587	6.8	124211.2	-1417.3	3677	9.9	130822.5	-1428.4	3767	7.3	133134.0	-1427.9
3498	9.6	121429.3	-1446.5	3588	9.8	124248.3	-1439.6	3678	9.5	130913.2	-1458.0	3768	8.0	133148.3	-1452.3
3499	10.	121440.6	-1426.5	3589	9.8	124318.0	-1440.0	3679	9.0	130923.3	-1457.1	3769	9.5	133156.4	-1448.0
3500	6.8	121448.3	-1444.7	3590	9.1	124329.4	-1442.6	3680	9.7	130933.7	-1445.4	3770	9.5	133213.9	-1456.0
3501	10.	121459.3	-1437.7	3591	9.8	124339.2	-1415.5	3681	8.5	130939.3	-1430.2	3771	9.3	133256.5	-1404.8
3502	9.3	121507.5	-1440.0	3592	8.5	124351.0	-1432.7	3682	9.2	130943.4	-1441.5	3772	9.5	133301.0	-1435.1
3503	9.0	121514.1	-1413.6	3593	8.9	124355.1	-1418.0	3683	6.7	130949.7	-1446.7	3773	9.3	133305.7	-1442.0
3504	9.8	121520.0	-1433.2	3594	9.0	124407.9	-1454.1	3684	9.2	130954.3	-1432.2	3774	9.8	133325.1	-1442.1
3505	9.4	121529.9	-1455.9	3595	9.7	124438.6	-1447.2	3685	9.8	131017.0	-1418.3	3775	9.8	133338.6	-1443.2
3506	9.1	121550.4	-1454.8	3596	7.5	124533.2	-1410.7	3686	10.	131023.8	-1412.7	3776	10.	133355.6	-1422.0
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3508	9.1	121632.3	-1433.2	3598	10.	124643.4	-1449.4	3688	8.3	131048.2	-1411.2	3778	9.3	133417.4	-1423.1
3509	9.1	121704.9	-1442.0	3599	9.8	124646.0	-1440.7	3689	9.8	131118.4	-1442.4	3779	10.	133439.4	-1426.3
3510	7.0	121829.6	-1408.5	3600	9.9	124651.6	-1413.2	3690	8.6	131134.9	-1448.3	3780	9.6	133448.9	-1449.1
3511	9.8	121831.9	-1454.1	3601	9.7	124708.6	-1450.3	3691	9.2	131208.0	-1451.5	3781	8.8	133458.9	-1418.5
3512	9.9	121849.0	-1443.6	3602	9.8	124720.1	-1413.6	3692	10.	131210.0	-1402.3	3782	9.8	133503.3	-1407.8
3513	9.3	121901.7	-1457.6	3603	9.4	124753.3	-1449.2	3693	9.4	131219.7	-1420.9	3783	8.2	133507.8	-1418.0
3514	9.8	121902.7	-1403.5	3604	9.8	124810.5	-1423.4	3694	9.1	131222.3	-1441.2	3784	9.5	133516.9	-1423.0
3515	8.3	121903.5	-1410.5	3605	6.2	124816.1	-1432.2	3695	8.8	131225.6	-1409.5	3785	9.8	133558.4	-1409.8
3516	9.1	121937.2	-1455.0	3606	9.5	124820.2	-1415.8	3696	9.3	131239.6	-1459.8	3786	9.0	133614.9	-1410.6
3517	9.3	121943.5	-1452.1	3607	9.7	124822.1	-1412.4	3697	9.5	131240.6	-1457.5	3787	7.5	133634.3	-1401.4
3518	9.0	122001.3	-1403.1	3608	7.5	124850.0	-1409.6	3698	8.2	131257.1	-1400.5	3788	9.4	133636.4	-1416.9
3519	9.7	122010.6	-1457.6	3609	9.4	124850.4	-1405.5	3699	9.3	131308.7	-1433.0	3789	10.	133639.4	-1419.7
3520	9.4	122025.1	-1405.5	3610	9.4	124901.4	-1455.8	3700	9.5	131342.6	-1455.5	3790	9.4	133709.8	-1412.5
3521	8.2	122035.4	-1450.6	3611	10.	124905.2	-1431.5	3701	9.8	131412.2	-1434.5	3791	9.1	133712.0	-1453.6
3522	9.4	122052.5	-1421.4	3612	10.	124910.7	-1427.0	3702	9.3	131426.7	-1402.2	3792	8.0	133722.6	-1401.8
3523	9.4	122053.9	-1423.8	3613	8.5	124911.0	-1419.0	3703	10.	131436.6	-1438.7	3793	9.5	133807.0	-1454.6
3524	9.0	122103.1	-1457.8	3614	9.5	125018.8	-1453.0	3704	9.6	131439.1	-1436.1	3794	9.5	133820.5	-1455.1
3525	9.5	122203.4	-1448.4	3615	7.1	125027.2	-1411.9	3705	10.	131449.5	-1414.8	3795	9.4	133821.3	-1427.9
3526	9.9	122207.9	-1434.9	3616	10.	125143.7	-1416.2	3706	9.8	131507.1	-1458.8	3796	10.	133826.2	-1416.2
3527	10.	122216.6	-1449.1	3617	9.1	125208.8	-1419.4	3707	9.4	131517.0	-1459.2	3797	9.0	133852.3	-1422.8
3528	10.	122221.9	-1420.7	3618	9.2	125214.9	-1430.7	3708	8.4	131527.1	-1439.2	3798	9.5	133856.5	-1453.7
3529	8.6	122252.8	-1430.8	3619	8.9	125239.8	-1428.0	3709	7.5	131532.0	-1409.5	3799	9.5	133930.8	-1410.5
3530	7.5	122417.6	-1454.8	3620	9.5	125243.3	-1416.4	3710	9.9	131535.0	-1420.7	3800	9.6	133940.8	-1425.9
3531	9.8	122422.4	-1445.7	3621	9.1	125302.5	-1434.4	3711	9.2	131535.6	-1437.0	3801	9.5	133956.0	-1452.5
3532	9.2	122438.8	-1427.9	3622	9.5	125352.1	-1400.5	3712	9.5	131551.1	-1455.3	3802	9.6	134012.3	-1438.6
3533	10.	122444.9	-1449.2	3623	9.7	125355.0	-1441.5	3713	8.2	131558.0	-1421.4	3803	9.6	134038.9	-1452.9
3534	9.3	122500.6	-1443.5	3624	9.5	125414.1	-1435.4	3714	8.9	131630.6	-1426.4	3804	10.	134043.7	-1417.0
3535	10.	122529.7	-1444.7	3625	9.3	125451.1	-1416.2	3715	9.5	131640.0	-1424.5	3805	10.	134103.2	-1422.6
3536	9.8	122550.7	-1431.5	3626	9.0	125516.4	-1434.9	3716	9.5	131713.1	-1432.1	3806	8.3	134106.1	-1400.1
3537	9.5	122610.6	-1435.1	3627	9.4	125525.3	-1422.4	3717	7.8	131720.2	-1452.4	3807	9.7	134121.2	-1430.8
3538	9.3	122647.2	-1415.1	3628	10.	125529.7	-1440.3	3718	9.8	131742.2	-1414.2	3808	8.2	134133.2	-1402.0
3539	9.2	122711.1	-1428.0	3629	9.1	125533.1	-1429.3	3719	9.1	131745.0	-1433.2	3809	9.8	134142.4	-1444.9
3540	9.4	122722.1	-1437.5	3630	10.	125533.5	-1450.0	3720	10.	131806.5	-1432.8	3810	9.4	134206.8	-1439.6
3541	8.5	122850.5	-1436.7	3631	9.7	125533.9	-1418.9	3721	9.0	131831.9	-1401.7	3811	9.0	134209.6	-1410.9
3542	9.8	122858.5	-1447.6	3632	9.2	125632.2	-1453.0	3722	9.9	131910.4	-1412.7	3812	9.8	134253.0	-1405.0
3543	7.3	122918.4	-1446.4	3633	9.4	125640.5	-1420.6	3723	9.5	132013.4	-1428.7	3813	9.5	134315.9	-1411.8
3544	8.3	122921.9	-1455.3	3634	9.1	125642.8	-1459.9	3724	9.8	132014.4	-1445.3	3814	9.3	134336.1	-1432.4
3545	9.8	122925.1	-1445.0	3635	9.8	125713.0	-1400.5	3725	10.	132051.8	-1425.4	3815	8.7	134355.3	-1445.0
3546	9.7	122932.5	-1440.5	3636	9.4	125719.9	-1443.2	3726	9.2	132142.9	-1434.7	3816	9.5	134357.6	-1417.0
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3548	8.7	123008.7	-1403.3	3638	9.9	125737.2	-1449.3	3728	9.5	132216.4	-1443.4	3818	9.2	134413.1	-1439.0
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3550	9.8	123049.9	-1443.0	3640	8.8	125745.0	-1419.1	3730	10.	132246.4	-1457.1	3820	9.0	134429.6	-1426.2
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3554	9.4	123256.0	-1430.0	3644	7.3	125847.9	-1408.2	3734	9.6	132440.4	-1405.9	3824	10.	134617.0	-1418.0
3555	8.5	123351.9	-1439.5	3645	9.5	125900.0	-1459.2	3735	9.5	132444.8	-1431.8	3825	8.5	134620.8	-1424.7
3556	9.6	123425.1	-1409.1	3646	10.	125936.0	-1422.1	3736	9.3	132452.7	-1459.4	3826	9.3	134636.2	-1459.7
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3560	9.8	123513.1	-1452.9	3650	8.6	130052.6	-1432.8	3740	9.7	132515.2	-1424.0	3830	8.0	134759.4	-1404.6
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3563	9.0	123542.0	-1403.3	3653	9.1	130139.8	-1402.1	3743	9.5	132606.3	-1455.3	3833	9.1	134858.1	-1455.4
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3566	10.	123629.2	-1445.4	3656	9.5	130239.5	-1439.0	3746	10.	132719.2	-1433.5	3836	10.	134913.0	-1421.8

3837	9.1	135015.8	-1412.2	3927	9.8	141249.9	-1401.5	4017	9.6	143649.9	-1430.6	4107	9.2	145621.4	-1428.7
3838	9.5	135040.2	-1444.8	3928	9.3	141335.7	-1433.2	4018	9.2	143654.3	-1415.3	4108	10.	145626.5	-1444.3
3839	9.5	135041.9	-1433.9	3929	9.5	141336.2	-1413.1	4019	9.9	143707.6	-1405.1	4109	8.0	145642.7	-1425.7
3840	9.5	135051.6	-1401.4	3930	9.4	141355.8	-1431.3	4020	9.8	143721.8	-1447.8	4110	9.1	145654.8	-1408.9
3841	9.8	135102.7	-1451.5	3931	9.6	141417.7	-1404.4	4021	9.0	143726.7	-1453.4	4111	9.8	145720.9	-1430.1
3842	9.8	135110.9	-1415.5	3932	9.4	141419.4	-1446.7	4022	8.5	143752.8	-1422.7	4112	9.8	145721.2	-1435.3
3843	9.5	135134.4	-1411.3	3933	9.5	141420.2	-1443.3	4023	6.2	143758.2	-1450.6	4113	9.6	145722.5	-1410.9
3844	9.3	135146.1	-1458.1	3934	9.5	141427.6	-1453.1	4024	9.8	143801.3	-1418.5	4114	10.	145732.7	-1439.1
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3846	7.8	135238.9	-1414.4	3936	9.8	141453.6	-1452.3	4026	10.	143830.2	-1447.6	4116	9.8	145810.2	-1445.3
3847	9.5	135249.0	-1442.3	3937	9.8	141455.1	-1436.1	4027	9.0	143835.9	-1427.5	4117	10.	145835.2	-1442.7
3848	9.6	135313.5	-1458.8	3938	10.	141456.1	-1433.9	4028	9.5	144001.3	-1406.5	4118	9.0	145856.2	-1405.8
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3850	9.9	135340.6	-1447.1	3940	10.	141525.0	-1403.2	4030	9.8	144020.3	-1454.9	4120	7.7	145922.5	-1451.3
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3852	9.3	135343.3	-1441.2	3942	10.	141532.2	-1405.0	4032	10.	144033.3	-1450.9	4122	9.5	145954.6	-1433.2
3853	9.8	135415.1	-1453.2	3943	9.1	141552.6	-1435.0	4033	9.7	144051.8	-1448.6	4123	7.8	145957.6	-1401.7
3854	9.4	135416.0	-1456.6	3944	8.8	141557.4	-1417.7	4034	9.3	144100.6	-1406.2	4124	9.5	150026.5	-1456.6
3855	10.	135504.1	-1403.3	3945	9.5	141612.5	-1456.7	4035	9.2	144117.1	-1438.1	4125	9.3	150031.8	-1451.2
3856	9.9	135506.0	-1455.9	3946	9.7	141621.4	-1401.4	4036	8.7	144118.3	-1444.1	4126	9.3	150047.7	-1418.6
3857	9.4	135527.2	-1440.5	3947	9.5	141633.5	-1404.5	4037	10.	144123.8	-1428.8	4127	9.4	150124.9	-1405.0
3858	10.	135533.8	-1433.5	3948	8.0	141636.7	-1408.1	4038	8.9	144202.4	-1445.4	4128	9.5	150125.0	-1426.4
3859	9.9	135536.2	-1416.0	3949	8.0	141644.7	-1403.0	4039	7.0	144205.6	-1455.0	4129	9.1	150125.6	-1440.0
3860	8.9	135609.2	-1419.7	3950	9.3	141657.2	-1409.2	4040	8.0	144216.7	-1444.4	4130	9.2	150129.2	-1403.8
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3862	9.1	135635.7	-1415.0	3952	9.4	141716.1	-1411.4	4042	9.8	144233.5	-1457.7	4132	9.1	150149.6	-1410.1
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3865	10.	135712.0	-1446.3	3955	9.5	141832.0	-1401.2	4045	7.5	144304.5	-1425.8	4135	9.7	150207.1	-1408.0
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3867	7.5	135723.2	-1409.0	3957	9.2	141909.9	-1425.5	4047	9.4	144306.7	-1402.6	4137	10.	150243.6	-1408.5
3868	9.1	135757.1	-1432.7	3958	8.8	141920.3	-1438.8	4048	9.4	144311.0	-1453.5	4138	9.5	150248.5	-1427.7
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3870	9.2	135823.1	-1433.9	3960	9.4	141941.2	-1430.2	4050	8.2	144335.0	-1429.1	4140	8.8	150344.5	-1440.8
3871	9.3	135833.1	-1429.8	3961	9.2	142009.5	-1422.5	4051	9.0	144347.6	-1423.9	4141	9.5	150358.0	-1424.3
3872	9.3	135838.4	-1448.9	3962	9.5	142015.0	-1435.7	4052	8.2	144350.0	-1437.5	4142	9.4	150402.0	-1435.4
3873	9.8	135840.8	-1444.4	3963	9.7	142042.8	-1431.7	4053	9.5	144404.7	-1400.8	4143	10.	150410.4	-1434.9
3874	9.3	135847.0	-1450.1	3964	8.2	142116.5	-1444.4	4054	9.3	144420.5	-1452.4	4144	9.4	150413.6	-1432.5
3875	9.9	135918.7	-1433.1	3965	8.8	142135.9	-1422.1	4055	7.7	144431.4	-1447.4	4145	8.3	150422.2	-1401.4
3876	10.	135927.0	-1403.8	3966	9.8	142154.3	-1432.1	4056	10.	144434.1	-1407.2	4146	9.9	150428.1	-1415.0
3877	10.	135943.6	-1428.5	3967	10.	142211.9	-1453.6	4057	9.5	144455.0	-1421.7	4147	7.9	150440.7	-1408.8
3878	10.	135946.8	-1415.9	3968	7.3	142218.3	-1436.1	4058	9.9	144505.1	-1421.7	4148	9.5	150445.0	-1434.6
3879	9.8	135952.6	-1427.4	3969	9.7	142317.9	-1445.5	4059	9.5	144525.0	-1445.0	4149	9.4	150455.6	-1407.6
3880	8.6	140004.1	-1434.5	3970	8.0	142320.4	-1458.9	4060	10.	144531.3	-1422.2	4150	10.	150509.5	-1420.0
3881	9.5	140038.0	-1427.2	3971	10.	142400.9	-1409.8	4061	9.8	144543.4	-1438.7	4151	9.1	150537.6	-1414.2
3882	9.5	140043.9	-1450.2	3972	9.8	142403.9	-1441.3	4062	9.5	144559.6	-1412.5	4152	9.9	150559.9	-1435.0
3883	9.6	140115.8	-1452.6	3973	8.9	142424.7	-1445.3	4063	9.8	144607.5	-1435.6	4153	9.4	150618.6	-1453.1
3884	9.7	140118.7	-1405.5	3974	9.6	142429.4	-1416.9	4064	9.1	144617.9	-1450.0	4154	9.9	150643.4	-1441.8
3885	9.2	140132.8	-1453.7	3975	9.4	142433.7	-1444.6	4065	9.5	144620.4	-1430.2	4155	8.8	150704.5	-1436.7
3886	9.3	140141.8	-1404.2	3976	9.5	142508.9	-1421.9	4066	9.6	144644.6	-1413.4	4156	9.3	150718.3	-1455.8
3887	9.7	140148.0	-1452.6	3977	10.	142509.9	-1402.5	4067	9.4	144709.6	-1442.6	4157	9.5	150727.4	-1431.5
3888	9.2	140216.5	-1434.1	3978	8.8	142532.3	-1421.7	4068	9.6	144714.3	-1439.2	4158	9.4	150729.8	-1407.6
3889	9.5	140227.9	-1441.2	3979	9.2	142542.7	-1428.0	4069	8.2	144731.6	-1445.0	4159	10.	150740.5	-1417.1
3890	10.	140236.6	-1411.3	3980	10.	142549.9	-1439.7	4070	8.6	144734.6	-1408.5	4160	8.2	150742.8	-1409.0
3891	9.0	140257.2	-1407.0	3981	10.	142554.5	-1449.9	4071	9.6	144830.4	-1454.1	4161	9.0	150801.9	-1429.7
3892	9.2	140300.0	-1430.5	3982	9.8	142604.7	-1444.2	4072	10.	144856.5	-1405.3	4162	9.8	150807.4	-1458.5
3893	8.5	140320.4	-1431.5	3983	9.5	142630.5	-1409.6	4073	9.1	144856.9	-1427.8	4163	9.4	150813.4	-1422.0
3894	9.8	140345.8	-1453.8	3984	9.5	142656.0	-1409.9	4074	9.4	144913.8	-1437.0	4164	9.9	150841.8	-1415.8
3895	9.8	140357.5	-1455.7	3985	9.8	142713.6	-1403.7	4075	9.6	144917.7	-1405.6	4165	8.7	150857.3	-1403.6
3896	9.0	140405.4	-1436.0	3986	9.3	142733.4	-1447.7	4076	9.8	144921.4	-1447.1	4166	10.	150907.5	-1401.4
3897	9.0	140415.1	-1438.9	3987	9.8	142812.9	-1454.0	4077	9.0	144928.0	-1419.2	4167	9.3	150939.8	-1444.3
3898	9.8	140438.0	-1410.6	3988	9.1	142821.5	-1422.1	4078	9.6	144932.9	-1429.7	4168	9.0	150955.9	-1438.1
3899	9.3	140504.0	-1400.7	3989	9.7	142841.9	-1400.2	4079	9.4	144957.3	-1436.2	4169	9.8	151009.4	-1401.0
3900	8.3	140519.1	-1456.7	3990	9.8	142855.0	-1421.7	4080	9.6	145041.3	-1422.5	4170	9.5	151033.3	-1430.5
3901	9.0	140521.0	-1455.8	3991	9.8	142856.4	-1448.5	4081	9.8	145041.9	-1411.9	4171	9.0	151056.3	-1421.5
3902	9.3	140628.8	-1440.0	3992	9.4	142900.8	-1402.3	4082	8.1	145050.8	-1451.1	4172	9.5	151116.7	-1420.6
3903	9.5	140655.9	-1439.4	3993	9.2	142911.4	-1453.0	4083	9.2	145123.6	-1455.4	4173	10.	151137.0	-1434.4
3904	9.1	140709.5	-1413.0	3994	9.5	142944.5	-1407.6	4084	10.	145209.3	-1422.0	4174	9.6	151143.5	-1403.7
3905	9.7	140716.0	-1451.9	3995	10.	142958.2	-1446.7	4085	8.4	145213.4	-1409.0	4175	8.6	151147.1	-1449.3
3906	10.	140718.5	-1413.8	3996	8.5	143015.0	-1419.5	4086	9.0	145225.7	-1451.5	4176	9.6	151209.2	-1409.9
3907	9.3	140736.9	-1407.8	3997	9.3	143036.0	-1408.2	4087	8.3	145254.2	-1426.8	4177	9.4	151214.4	-1439.5
3908	9.7	140745.3	-1429.7	3998	9.8	143036.3	-1412.8	4088	9.8	145304.7	-1457.3	4178	9.5	151222.4	-1438.2
3909	9.8	140752.8	-1430.1	3999	9.6	143039.4	-1459.2	4089	9.8	145308.3	-1424.6	4179	9.5	151225.2	-1451.7
3910	8.0	140756.4	-1425.9	4000	9.8	143043.4	-1425.7	4090	10.	145308.9	-1416.9	4180	7.5	151234.2	-1412.6
3911	9.8	140759.9	-1432.5	4001	9.8	143046.3	-1458.0	4091	9.1	145322.6	-1412.5	4181	10.	151248.8	-1420.4
3912	9.8	140808.3	-1436.2	4002	9.0	143121.5	-1402.3	4092	9.5	145401.3	-1417.5	4182	7.3	151252.2	-1450.6
3913	10.	140821.0	-1427.9	4003	8.5	143212.4	-1438.5	4093	8.7	145421.1	-1433.6	4183	9.8	151327.2	-1420.0
3914	9.8	140946.4	-1448.5	4004	9.5	143226.1	-1440.0	4094	10.	145430.7	-1438.7	4184	8.2	151345.3	-1437.9
3915	9.1	141002.2	-1403.4	4005	9.8	143233.6	-1401.7	4095	8.7	145439.1	-1413.3	4185	9.0	151355.7	-1433.2
3916	9.6	141007.3	-1435.4	4006	8.2	143255.7	-1441.7	4096	8.2	145444.9	-1428.2	4186	9.1	151432.7	-1421.4
3917	8.5	141007.3	-1401.9	4007	9.6	143301.4	-1408.8	4097	9.6	145538.6	-1425.4	4187	9.5	151456.1	-1453.5
3918	8.0	141013.1	-1414.2	4008	9.4	143317.8	-1452.5	4098	9.5	145540.2	-1427.1	4188	6.3	151457.3	-1436.3
3919	9.2	141015.9	-1416.9	4009	9.5	143441.0	-1431.3	4099	9.4	145552.3	-1407.3	4189	9.8	151508.1	-1408.2
3920	9.8	141113.9	-1450.5	4010	9.8	143452.9	-1446.8	4100	9.5	145552.7	-1442.5	4190	9.4	151518.3	-1438.7
3921	9.8	141118.4	-1401.7	4011	9.3	143531.2	-1439.0	4101	9.1	145559.1	-1431.8	4191	10.	151524.0	-1439.5
3922	8.8	141119.7	-1434.0	4012	9.6	143543.7	-1427.2	4102	7.8	145607.1	-1453.3	4192	9.5	151559.8	-1403.1
3923	9.6	141150.3	-1409.8	4013	10.	143603.8	-1408.2	4103	9.4	145607.1	-1445.3	4193	8.7	151600.1	-1452.5
3924	9.1	141216.4	-1450.5	4014	9.9	143615.1	-1424.7	4104	9.5	145610.0	-1436.3	4194	9.1	151613.1	-1410.2
3925	9.8	141224.8	-1405.0	4015	9.5	143636.9	-1413.8	4105	8.0	145611.2	-1455.6	4195	9.4	151635.7	-1426.5
3926	9.3	141225.5	-1443.3	4016	10.	143640.9	-1416.2	4106	9.3	145612.5	-1443.7	4196	9.3	151654.7	-1441.8

4197	9.8	151717.6	-1422.3	4287	9.6	154133.0	-1412.5	4377	9.4	160631.1	-1417.5	4467	8.5	163112.2	-1437.8
4198	9.5	151718.5	-1458.2	4288	9.1	154139.1	-1422.4	4378	9.5	160642.2	-1429.9	4468	9.5	163113.2	-1430.7
4199	8.3	151730.6	-1455.8	4289	9.6	154217.0	-1418.4	4379	8.0	160649.1	-1416.0	4469	8.8	163153.1	-1420.6
4200	9.2	151803.8	-1448.5	4290	9.0	154328.0	-1419.7	4380	9.5	160706.6	-1420.3	4470	8.7	163256.6	-1452.6
4201	9.6	151833.6	-1443.4	4291	8.0	154330.0	-1425.6	4381	9.5	160722.8	-1444.8	4471	9.1	163259.2	-1427.3
4202	10.	151834.3	-1456.1	4292	9.5	154344.4	-1407.2	4382	9.8	160724.3	-1404.8	4472	9.0	163322.0	-1409.5
4203	9.5	151854.3	-1444.1	4293	8.5	154351.0	-1411.7	4383	6.3	160740.4	-1428.8	4473	9.5	163337.1	-1427.5
4204	9.6	151859.8	-1445.9	4294	9.0	154402.5	-1414.5	4384	9.2	160754.1	-1430.8	4474	9.5	163441.2	-1457.4
4205	9.4	151901.8	-1436.9	4295	9.6	154403.5	-1412.8	4385	9.5	160755.1	-1426.7	4475	8.2	163510.2	-1435.4
4206	9.4	151932.0	-1452.4	4296	9.8	154415.9	-1442.4	4386	9.3	160845.0	-1406.4	4476	8.0	163524.2	-1458.3
4207	8.9	151937.0	-1454.3	4297	9.4	154450.0	-1433.1	4387	10.	160859.3	-1459.2	4477	9.7	163625.8	-1429.8
4208	7.3	151937.7	-1426.6	4298	7.8	154510.5	-1416.5	4388	8.8	160901.2	-1441.7	4478	9.8	163658.1	-1434.4
4209	9.1	152023.0	-1414.1	4299	9.7	154523.7	-1446.0	4389	7.8	160909.2	-1457.5	4479	9.3	163707.1	-1410.2
4210	9.5	152023.0	-1443.3	4300	9.0	154556.0	-1416.9	4390	9.4	160911.0	-1417.6	4480	9.2	163714.5	-1425.8
4211	10.	152027.0	-1454.5	4301	9.8	154557.0	-1414.2	4391	9.6	160952.1	-1424.7	4481	9.6	163734.1	-1425.3
4212	9.1	152032.9	-1445.8	4302	9.5	154559.1	-1432.6	4392	9.8	160954.2	-1449.2	4482	9.5	163735.0	-1429.7
4213	9.1	152054.2	-1436.4	4303	9.4	154604.7	-1403.4	4393	9.8	161003.0	-1415.4	4483	9.7	163915.6	-1437.8
4214	9.4	152055.0	-1413.3	4304	9.6	154606.4	-1445.2	4394	9.5	161016.5	-1413.4	4484	8.7	163917.2	-1421.8
4215	9.8	152127.2	-1447.3	4305	9.4	154635.5	-1423.9	4395	9.5	161024.7	-1447.0	4485	9.4	163950.7	-1428.5
4216	9.6	152132.6	-1400.8	4306	9.4	154642.4	-1411.2	4396	9.3	161028.4	-1408.0	4486	6.1	164013.6	-1438.5
4217	10.	152149.1	-1436.3	4307	9.6	154704.4	-1401.9	4397	10.	161049.0	-1416.6	4487	9.6	164015.7	-1447.9
4218	8.5	152153.2	-1418.3	4308	9.5	154705.4	-1403.8	4398	6.3	161050.0	-1430.6	4488	10.	164041.5	-1419.8
4219	9.3	152247.1	-1403.9	4309	9.2	154717.3	-1436.6	4399	9.3	161135.3	-1429.8	4489	9.1	164133.6	-1417.8
4220	9.4	152255.2	-1407.5	4310	9.4	154730.0	-1435.0	4400	9.8	161138.7	-1408.0	4490	9.2	164150.2	-1436.4
4221	10.	152309.5	-1442.4	4311	9.0	154732.6	-1435.6	4401	8.4	161141.6	-1417.1	4491	9.7	164158.2	-1422.3
4222	9.4	152314.2	-1444.8	4312	8.0	154736.4	-1443.5	4402	9.7	161304.1	-1403.2	4492	7.2	164350.5	-1433.3
4223	9.5	152348.7	-1435.1	4313	9.1	154818.4	-1421.5	4403	9.7	161310.2	-1413.2	4493	9.7	164357.4	-1429.3
4224	9.6	152357.3	-1440.7	4314	6.7	154824.5	-1424.1	4404	9.6	161320.4	-1443.5	4494	8.1	164401.9	-1407.2
4225	9.4	152411.8	-1430.5	4315	9.4	154840.1	-1403.2	4405	10.	161339.7	-1427.7	4495	9.0	164435.9	-1406.5
4226	9.5	152416.7	-1404.8	4316	9.3	154847.0	-1454.7	4406	9.8	161400.0	-1453.5	4496	9.5	164517.4	-1439.0
4227	8.7	152457.8	-1454.3	4317	9.2	154858.6	-1445.6	4407	9.4	161402.9	-1457.1	4497	9.3	164600.5	-1400.0
4228	9.4	152510.3	-1450.0	4318	9.5	154923.6	-1449.8	4408	9.6	161407.2	-1424.2	4498	8.3	164605.5	-1406.9
4229	8.6	152537.7	-1425.7	4319	9.5	154930.2	-1403.8	4409	9.4	161505.4	-1401.9	4499	8.8	164619.2	-1420.6
4230	9.1	152543.6	-1411.9	4320	10.	154950.0	-1434.2	4410	9.2	161509.3	-1428.0	4500	9.1	164632.3	-1456.8
4231	9.5	152553.4	-1437.7	4321	8.3	155000.7	-1402.0	4411	8.9	161510.8	-1422.1	4501	9.5	164657.9	-1447.9
4232	8.3	152600.4	-1422.2	4322	9.3	155011.0	-1426.2	4412	9.6	161516.9	-1441.7	4502	9.5	164728.2	-1440.4
4233	9.7	152609.5	-1402.2	4323	8.7	155023.1	-1449.1	4413	9.8	161531.2	-1442.1	4503	9.8	164807.8	-1452.1
4234	9.2	152611.2	-1458.9	4324	9.5	155135.4	-1412.0	4414	9.5	161539.7	-1424.5	4504	9.0	164827.3	-1430.3
4235	9.3	152631.1	-1409.1	4325	9.5	155142.6	-1441.6	4415	9.9	161546.8	-1446.0	4505	9.5	164920.7	-1455.2
4236	9.8	152638.0	-1457.9	4326	9.5	155151.4	-1440.7	4416	10.	161604.3	-1428.8	4506	9.1	164946.9	-1436.4
4237	4.0	152725.6	-1418.[illegible]	4327	9.5	155158.0	-1403.8	4417	8.6	161609.9	-1443.7	4507	6.9	164955.8	-1408.8
4238	9.4	152727.1	-1419.[illegible]	4328	9.3	155158.6	-1415.3	4418	9.4	161613.8	-1448.6	4508	8.8	165010.7	-1432.4
4239	9.5	152738.0	-1416.[illegible]	4329	7.7	155254.7	-1400.5	4419	9.8	161656.3	-1400.2	4509	6.2	165027.3	-1438.6
4240	9.8	152755.6	-1420.3	4330	9.5	155302.9	-1429.3	4420	9.8	161727.3	-1402.0	4510	8.4	165043.9	-1447.8
4241	9.4	152832.1	-1417.6	4331	9.4	155316.0	-1445.9	4421	10.	161747.6	-1451.7	4511	10.	165058.0	-1440.8
4242	9.5	152850.0	-1430.6	4332	9.5	155319.6	-1421.2	4422	9.5	161751.7	-1444.5	4512	8.6	165107.1	-1430.5
4243	9.5	152908.9	-1410.2	4333	9.8	155319.8	-1412.1	4423	10.	161817.0	-1420.2	4513	9.7	165110.4	-1433.1
4244	9.3	152915.6	-1407.7	4334	9.0	155325.6	-1448.5	4424	9.5	161839.3	-1448.4	4514	9.7	165135.0	-1414.9
4245	8.6	152928.1	-1415.1	4335	9.7	155415.4	-1453.2	4425	8.9	161940.7	-1443.7	4515	9.5	165151.3	-1403.6
4246	10.	152940.5	-1446.7	4336	9.4	155434.8	-1456.8	4426	9.7	162022.6	-1400.8	4516	9.3	165153.4	-1427.6
4247	7.5	152955.0	-1402.8	4337	9.5	155441.3	-1409.0	4427	10.	162026.3	-1449.2	4517	9.8	165154.7	-1426.8
4248	9.5	153005.2	-1434.1	4338	9.7	155512.9	-1428.9	4428	8.3	162055.3	-1421.5	4518	9.5	165226.2	-1443.8
4249	9.0	153016.7	-1443.7	4339	8.7	155539.6	-1442.7	4429	9.4	162100.6	-1435.5	4519	9.5	165257.0	-1418.2
4250	7.0	153024.3	-1401.9	4340	9.8	155543.2	-1434.3	4430	8.6	162112.4	-1445.4	4520	9.5	165245.1	-1410.8
4251	9.5	153105.1	-1418.1	4341	8.5	155632.8	-1430.8	4431	8.5	162128.6	-1416.1	4521	9.6	165248.1	-1407.0
4252	9.5	153117.5	-1419.1	4342	9.5	155636.3	-1421.5	4432	9.8	162128.8	-1440.5	4522	9.2	165339.5	-1431.0
4253	10.	153135.8	-1422.5	4343	8.7	155703.3	-1441.4	4433	5.5	162135.5	-1413.7	4523	9.7	165359.4	-1407.2
4254	9.4	153136.5	-1426.1	4344	9.3	155721.2	-1406.2	4434	8.3	162220.5	-1413.5	4524	9.3	165404.2	-1454.0
4255	9.2	153152.4	-1448.0	4345	9.5	155722.0	-1432.0	4435	8.5	162223.5	-1453.8	4525	9.7	165411.7	-1438.2
4256	9.2	153212.9	-1403.2	4346	9.8	155749.8	-1429.2	4436	9.1	162228.5	-1412.7	4526	9.5	165439.1	-1457.0
4257	9.5	153213.3	-1429.8	4347	9.7	155758.6	-1442.7	4437	9.0	162238.5	-1427.8	4527	8.8	165516.0	-1424.4
4258	9.2	153232.1	-1402.0	4348	9.5	155814.2	-1452.0	4438	9.3	162255.8	-1408.4	4528	8.3	165538.4	-1404.7
4259	9.5	153238.9	-1436.5	4349	9.3	155814.6	-1450.0	4439	9.4	162356.4	-1419.9	4529	9.9	165546.7	-1426.1
4260	8.8	153255.2	-1421.2	4350	9.9	155909.1	-1400.2	4440	9.9	162452.0	-1423.6	4530	9.8	165546.7	-1458.0
4261	9.4	153307.7	-1429.4	4351	8.8	155916.2	-1421.9	4441	9.8	162517.3	-1426.6	4531	8.6	165551.1	-1443.3
4262	9.5	153418.9	-1437.6	4352	10.	155933.0	-1403.2	4442	8.8	162526.5	-1459.3	4532	9.2	165601.5	-1420.9
4263	9.6	153435.1	-1441.1	4353	9.5	155936.9	-1439.2	4443	8.3	162526.6	-1442.5	4533	9.5	165614.0	-1441.0
4264	9.4	153439.7	-1421.9	4354	9.1	155940.2	-1404.6	4444	7.2	162540.2	-1409.5	4534	9.7	165620.6	-1431.2
4265	9.8	153516.0	-1400.4	4355	9.8	155946.2	-1414.4	4445	8.2	162603.8	-1425.6	4535	8.3	165623.2	-1421.5
4266	6.7	153518.3	-1434.5	4356	8.6	155949.3	-1428.5	4446	9.5	162609.8	-1453.2	4536	9.5	165635.7	-1411.1
4267	9.3	153529.0	-1449.1	4357	9.5	160005.7	-1402.5	4447	9.5	162610.0	-1401.4	4537	9.3	165647.4	-1428.8
4268	10.	153608.2	-1419.0	4358	9.3	160019.1	-1439.0	4448	9.5	162701.2	-1414.9	4538	8.2	165650.8	-1430.7
4269	10.	153624.3	-1437.2	4359	9.5	160052.0	-1454.8	4449	9.6	162706.7	-1407.0	4539	10.	165710.4	-1419.1
4270	8.3	153651.5	-1442.7	4360	9.9	160135.6	-1413.2	4450	10.	162708.7	-1453.3	4540	8.6	165733.7	-1409.8
4271	9.5	153659.3	-1448.4	4361	9.5	160138.5	-1433.8	4451	9.8	162717.2	-1435.9	4541	9.4	165738.3	-1414.9
4272	9.7	153733.6	-1415.4	4362	8.3	160249.8	-1400.0	4452	9.0	162739.4	-1446.7	4542	8.8	165749.0	-1408.2
4273	9.5	153735.8	-1435.9	4363	9.2	160346.7	-1432.7	4453	10.	162802.7	-1427.1	4543	9.8	165749.5	-1432.0
4274	9.1	153737.6	-1415.0	4364	9.0	160409.2	-1426.4	4454	9.3	162805.4	-1451.8	4544	9.8	165750.9	-1441.7
4275	9.4	153743.8	-1446.6	4365	8.9	160415.4	-1425.1	4455	7.8	162810.4	-1420.4	4545	9.5	165811.1	-1459.4
4276	10.	153813.1	-1409.3	4366	9.8	160429.6	-1422.2	4456	9.8	162857.9	-1406.2	4546	9.5	165818.8	-1449.5
4277	8.3	153858.6	-1446.6	4367	9.4	160433.1	-1426.0	4457	9.5	162859.5	-1402.5	4547	9.8	165819.3	-1435.9
4278	9.0	153927.6	-1410.6	4368	8.8	160437.8	-1457.8	4458	9.5	162937.8	-1414.7	4548	9.6	165833.9	-1414.6
4279	9.1	153932.0	-1409.6	4369	9.5	160449.8	-1457.6	4459	9.5	162942.2	-1402.2	4549	9.6	165835.1	-1448.1
4280	9.8	153938.0	-1408.8	4370	7.4	160500.1	-1444.3	4460	9.1	162948.3	-1419.8	4550	8.5	165935.6	-1429.7
4281	9.8	153952.8	-1450.3	4371	9.5	160502.2	-1449.7	4461	9.3	162952.1	-1424.7	4551	9.0	165958.0	-1403.1
4282	9.5	154016.5	-1443.9	4372	9.8	160516.0	-1445.7	4462	10.	162955.3	-1417.7	4552	9.3	170014.9	-1415.2
4283	9.4	154021.6	-1419.4	4373	9.6	160523.3	-1451.2	4463	8.1	163005.5	-1423.0	4553	9.8	170030.3	-1402.4
4284	9.3	154047.8	-1458.3	4374	9.3	160529.2	-1426.0	4464	9.6	163007.4	-1417.6	4554	9.5	170048.9	-1417.8
4285	9.4	154107.2	-1430.2	4375	9.8	160603.7	-1404.4	4465	9.2	163012.7	-1426.6	4555	8.9	170054.6	-1405.1
4286	8.7	154128.9	-1405.7	4376	9.6	160610.5	-1401.7	4466	9.2	163052.1	-1409.0	4556	9.3	170058.2	-1409.0

4557	9.5	170127.1	-1441.3	4647	9.3	171836.1	-1409.8	4737	8.7	173457.6	-1455.8	4827	9.5	174832.9	-1457.1
4558	9.4	170131.0	-1405.2	4648	10.	171850.0	-1421.8	4738	9.8	173504.8	-1453.1	4828	8.5	174856.7	-1430.2
4559	9.5	170149.8	-1435.2	4649	9.8	171852.4	-1436.5	4739	9.0	173512.6	-1453.1	4829	10.	174920.6	-1447.9
4560	9.2	170152.8	-1447.0	4650	8.3	171944.3	-1408.5	4740	9.6	173513.9	-1443.9	4830	9.5	174920.7	-1449.4
4561	9.4	170153.7	-1421.3	4651	9.4	172017.1	-1452.4	4741	9.3	173514.5	-1427.5	4831	9.7	174932.2	-1451.6
4562	9.7	170242.1	-1433.2	4652	9.4	172019.0	-1401.6	4742	9.8	173535.9	-1415.3	4832	9.8	175014.4	-1437.5
4563	9.2	170254.0	-1449.1	4653	9.2	172035.5	-1418.6	4743	9.0	173550.9	-1421.3	4833	9.0	175020.2	-1442.0
4564	9.4	170320.1	-1446.9	4654	9.9	172039.5	-1415.0	4744	9.8	173552.0	-1450.6	4834	9.8	175021.0	-1431.2
4565	6.8	170344.5	-1426.2	4655	9.2	172042.7	-1405.3	4745	9.6	173613.8	-1428.8	4835	9.2	175040.2	-1405.6
4566	9.7	170344.7	-1448.1	4656	10.	172053.6	-1453.2	4746	9.9	173627.9	-1457.9	4836	8.9	175043.1	-1451.8
4567	9.7	170357.9	-1436.4	4657	9.3	172103.7	-1423.0	4747	8.5	173637.6	-1444.7	4837	9.8	175045.9	-1457.1
4568	8.0	170418.8	-1458.8	4658	8.5	172105.0	-1408.3	4748	8.9	173646.9	-1449.3	4838	8.9	175106.3	-1422.0
4569	9.4	170420.1	-1443.5	4659	10.	172114.0	-1452.5	4749	9.5	173659.3	-1419.6	4839	8.5	175110.8	-1410.2
4570	9.4	170426.8	-1401.7	4660	9.2	172116.6	-1453.3	4750	9.6	173659.9	-1423.9	4840	9.5	175117.0	-1420.4
4571	8.9	170443.9	-1409.3	4661	9.1	172143.3	-1403.8	4751	9.5	173700.6	-1417.8	4841	9.0	175144.7	-1429.3
4572	9.0	170447.5	-1439.0	4662	8.9	172143.9	-1426.4	4752	9.5	173704.3	-1444.3	4842	7.6	175153.2	-1446.6
4573	10.	170507.2	-1448.7	4663	9.5	172205.8	-1430.7	4753	10.	173706.0	-1456.2	4843	9.4	175200.2	-1400.2
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4575	9.3	170543.4	-1401.6	4665	8.9	172215.7	-1439.1	4755	9.3	173712.6	-1406.0	4845	8.5	175206.4	-1411.5
4576	9.5	170550.6	-1421.5	4666	9.8	172222.7	-1428.2	4756	9.1	173719.8	-1428.7	4846	9.5	175221.6	-1452.6
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4578	10.	170600.4	-1416.7	4668	9.4	172240.3	-1428.2	4758	9.5	173744.6	-1406.9	4848	9.1	175249.8	-1418.5
4579	9.7	170605.1	-1448.3	4669	9.5	172242.5	-1457.8	4759	9.8	173746.7	-1458.7	4849	9.6	175255.2	-1401.6
4580	9.8	170617.9	-1432.4	4670	8.8	172252.9	-1414.7	4760	8.5	173805.9	-1401.3	4850	9.7	175309.1	-1432.5
4581	9.2	170631.4	-1400.0	4671	9.8	172311.1	-1405.8	4761	9.5	173807.4	-1421.5	4851	9.1	175309.4	-1429.4
4582	8.9	170635.1	-1406.2	4672	9.4	172329.6	-1401.3	4762	8.3	173817.0	-1441.6	4852	9.4	175310.0	-1449.4
4583	9.2	170638.9	-1433.3	4673	9.3	172331.3	-1424.2	4763	9.0	173819.3	-1443.0	4853	9.2	175311.7	-1429.6
4584	8.1	170659.0	-1415.3	4674	9.4	172421.6	-1401.7	4764	9.2	173823.5	-1414.6	4854	9.5	175312.5	-1445.7
4585	6.4	170705.4	-1424.8	4675	9.4	172428.8	-1443.0	4765	9.6	173824.0	-1417.0	4855	9.5	175333.3	-1420.1
4586	9.1	170712.0	-1454.8	4676	9.5	172432.7	-1453.3	4766	9.5	173828.8	-1429.7	4856	9.2	175341.2	-1423.2
4587	9.6	170714.4	-1400.0	4677	8.0	172433.0	-1440.9	4767	9.6	173856.6	-1406.3	4857	9.2	175344.	-1441.4
4588	9.4	170748.0	-1455.3	4678	9.1	172434.3	-1444.3	4768	8.9	173901.9	-1414.3	4858	9.5	175344.	-1435.7
4589	9.8	170752.7	-1455.1	4679	9.4	172454.1	-1447.1	4769	9.8	173914.6	-1449.5	4859	9.5	175344.	-1426.6
4590	9.3	170757.5	-1446.2	4680	9.5	172455.0	-1427.5	4770	6.2	173920.8	-1440.2	4860	8.7	175356.7	-1429.5
4591	9.5	170800.8	-1447.3	4681	9.5	172458.0	-1430.2	4771	9.8	173940.0	-1450.2	4861	9.2	175404.6	-1438.9
4592	8.8	170846.7	-1405.7	4682	8.3	172527.1	-1418.8	4772	9.1	173944.3	-1431.7	4862	9.4	175415.6	-1416.9
4593	9.2	170847.6	-1456.5	4683	9.0	172527.2	-1458.2	4773	10.	173955.5	-1452.7	4863	9.8	175418.7	-1430.3
4594	9.6	170903.1	-1452.6	4684	9.5	172531.4	-1421.7	4774	10.	173959.0	-1455.0	4864	10.	175422.9	-1444.3
4595	9.5	170938.0	-1454.0	4685	9.5	172536.0	-1425.9	4775	9.6	174018.6	-1400.7	4865	9.4	175453.2	-1423.0
4596	9.5	170953.4	-1427.5	4686	9.7	172542.3	-1441.9	4776	9.5	174058.9	-1415.8	4866	10.	175516.1	-1407.2
4597	9.5	170954.4	-1428.9	4687	9.7	172549.0	-1453.1	4777	10.	174117.7	-1429.7	4867	9.5	175523.8	-1410.0
4598	8.5	170958.3	-1437.5	4688	9.8	172614.4	-1413.5	4778	10.	174122.6	-1435.6	4868	10.	175527.5	-1405.9
4599	9.4	171006.7	-1403.8	4689	9.2	172653.2	-1436.8	4779	9.6	174139.4	-1459.9	4869	9.2	175542.7	-1432.9
4600	9.6	171009.6	-1452.4	4690	9.2	172658.9	-1408.0	4780	8.0	174153.9	-1411.3	4870	9.1	175548.3	-1414.8
4601	8.9	171016.1	-1445.1	4691	8.5	172703.1	-1415.1	4781	9.2	174157.5	-1414.2	4871	9.4	175635.0	-1459.3
4602	8.9	171037.5	-1450.2	4692	9.1	172714.8	-1439.0	4782	10.	174158.3	-1412.2	4872	8.7	175639.9	-1443.1
4603	9.9	171049.4	-1426.8	4693	7.5	172728.2	-1432.8	4783	9.1	174202.0	-1454.1	4873	9.6	175641.5	-1449.8
4604	9.5	171122.0	-1414.3	4694	9.4	172738.4	-1406.7	4784	8.9	174202.9	-1417.3	4874	9.1	175650.5	-1457.6
4605	9.5	171127.4	-1424.2	4695	9.1	172744.3	-1446.3	4785	9.5	174205.6	-1444.5	4875	9.8	175655.3	-1421.0
4606	9.5	171128.6	-1432.2	4696	8.8	172830.8	-1424.5	4786	9.5	174221.5	-1431.4	4876	10.	175703.6	-1418.9
4607	9.8	171131.3	-1440.1	4697	8.4	172835.3	-1441.2	4787	9.4	174222.4	-1415.0	4877	10.	175710.2	-1420.7
4608	10.	171149.4	-1430.4	4698	9.5	172853.2	-1449.6	4788	8.8	174224.9	-1417.0	4878	9.5	175717.5	-1429.4
4609	9.8	171156.5	-1446.8	4699	8.8	172855.9	-1412.5	4789	10.	174243.9	-1448.7	4879	9.2	175729.4	-1436.3
4610	9.5	171203.1	-1432.5	4700	10.	172905.1	-1401.9	4790	9.1	174313.7	-1441.2	4880	8.0	175743.8	-1412.2
4611	9.8	171205.5	-1421.2	4701	9.8	172905.9	-1458.9	4791	9.2	174313.7	-1414.1	4881	9.1	175751.7	-1408.1
4612	9.3	171212.6	-1450.0	4702	9.4	172910.7	-1432.1	4792	8.8	174317.0	-1414.2	4882	8.9	175803.8	-1407.6
4613	9.5	171228.9	-1423.8	4703	9.4	172932.8	-1402.2	4793	9.7	174317.3	-1411.3	4883	9.3	175805.6	-1456.8
4614	9.6	171230.8	-1447.1	4704	9.4	172947.2	-1435.5	4794	9.0	174327.0	-1440.3	4884	7.5	175816.5	-1458.5
4615	8.3	171231.4	-1400.6	4705	9.2	173000.4	-1457.1	4795	9.5	174330.4	-1420.0	4885	8.8	175819.4	-1443.8
4616	9.5	171303.1	-1439.5	4706	9.4	173008.4	-1455.2	4796	9.1	174333.8	-1429.1	4886	9.4	175829.6	-1427.0
4617	9.5	171326.1	-1438.5	4707	7.8	173010.3	-1401.1	4797	8.2	174346.9	-1459.1	4887	8.9	175846.5	-1424.2
4618	9.8	171326.4	-1427.5	4708	9.4	173010.9	-1458.7	4798	9.1	174349.6	-1437.2	4888	9.2	175849.0	-1406.9
4619	8.5	171339.4	-1454.2	4709	9.1	173015.1	-1429.6	4799	9.9	174416.9	-1409.0	4889	9.5	175855.5	-1429.8
4620	8.8	171346.5	-1410.0	4710	9.0	173015.8	-1437.0	4800	9.5	174429.7	-1428.9	4890	9.4	175905.1	-1422.7
4621	9.5	171401.0	-1410.3	4711	9.5	173018.1	-1443.6	4801	9.2	174501.9	-1405.1	4891	9.8	175909.5	-1450.3
4622	9.4	171427.7	-1448.1	4712	9.7	173044.6	-1445.0	4802	9.2	174506.8	-1404.8	4892	8.5	175911.8	-1404.8
4623	9.8	171538.5	-1415.9	4713	10.	173058.4	-1409.9	4803	9.8	174508.9	-1426.1	4893	9.4	175931.5	-1430.3
4624	9.1	171543.0	-1407.7	4714	9.1	173105.9	-1457.1	4804	9.6	174514.7	-1419.5	4894	8.7	175935.2	-1417.9
4625	9.4	171609.6	-1411.7	4715	8.5	173106.8	-1434.5	4805	9.6	174517.6	-1424.1	4895	8.2	175939.1	-1417.3
4626	9.4	171644.7	-1442.4	4716	9.4	173114.0	-1412.6	4806	9.5	174520.7	-1411.0	4896	10.	175941.5	-1404.0
4627	9.5	171648.0	-1458.0	4717	8.9	173133.8	-1426.2	4807	9.8	174523.6	-1457.9	4897	9.1	175944.0	-1401.1
4628	9.9	171649.3	-1445.0	4718	9.8	173138.4	-1410.3	4808	8.1	174549.0	-1452.1	4898	9.2	175944.2	-1444.7
4629	9.1	171650.4	-1428.3	4719	9.5	173152.0	-1443.0	4809	9.5	174612.9	-1425.1	4899	9.8	175957.1	-1448.7
4630	9.5	171657.6	-1408.0	4720	9.9	173201.7	-1439.9	4810	9.7	174614.9	-1407.0	4900	9.9	180010.1	-1447.2
4631	9.9	171659.1	-1449.0	4721	9.3	173215.9	-1408.2	4811	9.8	174617.2	-1410.9	4901	9.1	180027.0	-1448.5
4632	9.4	171704.4	-1447.0	4722	9.9	173224.6	-1445.4	4812	9.8	174624.7	-1430.3	4902	9.5	180038.7	-1416.9
4633	9.3	171707.3	-1457.8	4723	9.6	173236.8	-1412.5	4813	9.2	174627.9	-1450.2	4903	9.2	180052.6	-1437.9
4634	9.3	171713.8	-1439.9	4724	8.5	173239.5	-1410.2	4814	9.5	174632.9	-1459.0	4904	8.8	180053.5	-1400.7
4635	9.4	171717.1	-1447.7	4725	10.	173240.9	-1418.9	4815	9.4	174634.9	-1419.8	4905	9.8	180103.0	-1405.3
4636	9.8	171717.6	-1451.5	4726	8.8	173313.9	-1422.8	4816	9.5	174636.1	-1419.4	4906	9.0	180112.0	-1441.4
4637	9.5	171732.4	-1423.5	4727	8.9	173318.2	-1453.1	4817	10.	174657.5	-1444.2	4907	9.0	180125.6	-1453.4
4638	9.1	171734.5	-1450.5	4728	10.	173325.5	-1428.9	4818	9.7	174658.0	-1424.3	4908	8.8	180132.3	-1412.5
4639	8.5	171758.8	-1432.6	4729	9.6	173330.0	-1427.7	4819	9.3	174658.7	-1433.7	4909	9.7	180157.2	-1413.4
4640	9.5	171804.2	-1400.7	4730	9.5	173338.4	-1409.0	4820	9.3	174706.2	-1402.9	4910	8.8	180159.8	-1411.1
4641	9.4	171809.0	-1443.2	4731	10.	173339.8	-1423.7	4821	9.3	174726.2	-1448.7	4911	9.6	180205.1	-1418.2
4642	9.4	171822.9	-1427.4	4732	9.2	173342.6	-1403.9	4822	9.9	174726.7	-1432.1	4912	9.4	180210.0	-1459.8
4643	9.8	171827.1	-1453.4	4733	8.9	173349.9	-1416.5	4823	9.3	174742.7	-1445.7	4913	9.7	180236.5	-1428.4
4644	8.0	171828.0	-1459.7	4734	8.2	173403.4	-1455.4	4824	8.8	174743.3	-1420.6	4914	7.8	180240.7	-1445.0
4645	9.5	171830.7	-1404.4	4735	9.6	173441.7	-1434.8	4825	9.6	174804.8	-1458.6	4915	9.8	180244.2	-1415.0
4646	9.5	171833.5	-1420.7	4736	10.	173447.0	-1457.4	4826	9.4	174812.6	-1437.1	4916	9.6	180246.6	-1415.9

4917	9.7	180247.7	-1401.1	5007	9.5	181239.4	-1443.0	5097	10.	182401.4	-1411.3	5187	7.5	183832.5	-1436.4
4918	8.5	180258.6	-1426.9	5008	9.5	181247.6	-1449.7	5098	7.0	182404.3	-1444.9	5188	9.0	183834.2	-1453.3
4919	9.8	180318.7	-1416.2	5009	9.3	181248.3	-1413.2	5099	5.8	182426.1	-1458.0	5189	9.1	183857.5	-1440.2
4920	9.2	180329.5	-1400.8	5010	9.2	181324.4	-1419.2	5100	9.9	182431.7	-1440.7	5190	9.2	183907.5	-1458.2
4921	9.7	180334.3	-1450.2	5011	10.	181347.8	-1404.4	5101	9.5	182434.3	-1443.8	5191	9.1	183919.3	-1449.7
4922	9.3	180341.3	-1458.1	5012	9.5	181356.3	-1401.6	5102	9.0	182454.7	-1400.7	5192	8.9	183926.5	-1440.6
4923	9.1	180341.4	-1446.6	5013	6.8	181400.7	-1427.0	5103	9.1	182458.4	-1405.4	5193	9.0	183932.1	-1407.3
4924	9.2	180344.4	-1451.3	5014	9.7	181406.8	-1440.8	5104	9.5	182502.3	-1426.6	5194	9.8	183956.7	-1440.1
4925	9.5	180348.6	-1430.3	5015	9.5	181419.6	-1458.7	5105	8.7	182508.4	-1412.7	5195	7.0	183957.6	-1451.6
4926	9.3	180349.5	-1456.9	5016	9.1	181425.3	-1442.7	5106	6.7	182522.1	-1457.6	5196	9.5	184007.5	-1434.5
4927	9.1	180350.0	-1431.0	5017	8.4	181429.7	-1425.5	5107	9.7	182529.0	-1447.0	5197	7.7	184046.5	-1403.6
4928	9.0	180355.5	-1402.2	5018	9.7	181443.9	-1433.7	5108	9.3	182529.6	-1413.4	5198	8.3	184107.0	-1433.0
4929	9.5	180357.7	-1447.5	5019	9.3	181454.8	-1426.9	5109	9.6	182531.9	-1409.2	5199	9.5	184134.1	-1419.3
4930	9.8	180411.6	-1419.9	5020	9.5	181500.3	-1425.9	5110	8.5	182535.3	-1431.7	5200	9.8	184141.6	-1441.1
4931	9.5	180414.6	-1455.3	5021	9.5	181505.2	-1430.5	5111	9.4	182549.3	-1427.5	5201	9.5	184153.5	-1450.2
4932	9.4	180442.0	-1450.8	5022	9.3	181505.6	-1432.4	5112	9.5	182558.8	-1433.9	5202	9.4	184157.2	-1457.9
4933	9.7	180450.5	-1432.5	5023	9.5	181508.1	-1453.4	5113	8.1	182616.6	-1440.7	5203	9.4	184207.6	-1411.8
4934	8.3	180458.6	-1428.0	5024	9.3	181511.0	-1401.1	5114	9.3	182618.5	-1430.9	5204	8.3	184212.7	-1432.7
4935	9.8	180509.7	-1433.4	5025	9.3	181519.6	-1457.5	5115	10.	182624.8	-1400.1	5205	9.1	184238.8	-1404.7
4936	10.	180516.5	-1401.1	5026	9.4	181523.6	-1441.0	5116	10.	182626.4	-1411.0	5206	9.4	184250.7	-1431.1
4937	9.5	180520.1	-1442.3	5027	9.8	181532.9	-1424.2	5117	9.2	182637.0	-1448.5	5207	9.6	184250.9	-1449.6
4938	9.4	180521.6	-1443.8	5028	9.5	181536.0	-1435.6	5118	8.3	182638.0	-1448.7	5208	9.5	184301.1	-1433.5
4939	9.7	180525.8	-1409.8	5029	9.4	181536.8	-1412.9	5119	9.4	182640.7	-1453.9	5209	9.1	184306.6	-1411.3
4940	8.9	180527.7	-1412.2	5030	9.3	181604.8	-1414.0	5120	9.5	182641.5	-1412.7	5210	8.1	184308.3	-1451.4
4941	9.2	180544.7	-1441.9	5031	9.4	181611.3	-1447.0	5121	9.4	182651.8	-1425.4	5211	9.0	184309.1	-1404.6
4942	9.7	180552.0	-1439.5	5032	8.9	181616.6	-1449.6	5122	9.5	182653.1	-1459.4	5212	9.5	184341.1	-1416.2
4943	9.5	180556.1	-1442.4	5033	9.1	181617.4	-1451.0	5123	9.8	182704.3	-1417.7	5213	10.	184437.1	-1449.4
4944	9.4	180606.5	-1402.8	5034	9.8	181639.6	-1456.3	5124	8.5	182704.9	-1447.3	5214	9.7	184504.9	-1401.5
4945	9.6	180616.3	-1443.4	5035	9.4	181645.4	-1411.5	5125	9.5	182719.4	-1403.3	5215	8.2	184507.4	-1428.7
4946	9.2	180633.6	-1454.2	5036	9.8	181646.6	-1404.2	5126	9.8	182728.9	-1429.3	5216	9.5	184523.1	-1409.8
4947	9.3	180649.1	-1422.3	5037	8.2	181650.0	-1443.3	5127	9.6	182732.6	-1422.2	5217	9.1	184524.2	-1431.1
4948	9.6	180655.0	-1429.7	5038	10.	181659.2	-1434.1	5128	9.1	182733.8	-1432.0	5218	9.9	184535.6	-1455.3
4949	10.	180700.5	-1446.1	5039	6.8	181702.4	-1403.0	5129	7.5	182745.9	-1410.1	5219	9.8	184552.9	-1424.9
4950	9.8	180710.5	-1436.6	5040	9.4	181721.7	-1449.4	5130	10.	182746.4	-1437.9	5220	9.1	184603.2	-1425.5
4951	10.	180714.0	-1455.8	5041	9.4	181749.2	-1426.6	5131	8.6	182758.3	-1413.5	5221	9.2	184622.7	-1437.1
4952	9.6	180720.8	-1403.4	5042	9.5	181749.6	-1456.1	5132	9.4	182811.8	-1410.1	5222	8.5	184628.7	-1431.1
4953	9.3	180726.3	-1446.3	5043	9.7	181749.7	-1442.1	5133	9.4	182826.3	-1435.9	5223	9.7	184646.8	-1422.9
4954	9.1	180727.1	-1422.5	5044	8.2	181751.1	-1452.1	5134	9.1	182828.7	-1404.1	5224	8.9	184655.3	-1439.6
4955	8.3	180745.5	-1458.3	5045	10.	181759.3	-1425.0	5135	9.4	182846.4	-1418.0	5225	7.0	184659.6	-1452.1
4956	9.0	180747.2	-1420.7	5046	9.5	181802.8	-1413.5	5136	9.5	182900.7	-1451.7	5226	9.4	184711.7	-1424.3
4957	9.3	180754.7	-1439.6	5047	10.	181823.5	-1443.4	5137	9.3	182914.7	-1439.5	5227	9.2	184733.6	-1410.6
4958	9.4	180756.4	-1441.8	5048	10.	181829.2	-1459.6	5138	9.8	182925.8	-1427.1	5228	8.0	184734.6	-1459.6
4959	8.6	180759.0	-1441.1	5049	9.8	181831.5	-1455.0	5139	7.0	182948.9	-1407.5	5229	9.4	184814.3	-1454.5
4960	9.4	180801.6	-1459.2	5050	9.1	181832.3	-1435.1	5140	9.1	183005.8	-1437.5	5230	9.8	184817.7	-1436.5
4961	9.4	180812.1	-1429.7	5051	9.4	181839.3	-1416.3	5141	9.5	183051.5	-1421.7	5231	7.5	184834.4	-1412.4
4962	8.5	180813.7	-1417.2	5052	9.3	181840.2	-1432.9	5142	9.5	183053.4	-1426.2	5232	9.2	184835.6	-1404.0
4963	9.7	180821.2	-1420.0	5053	8.4	181858.3	-1446.6	5143	9.1	183055.7	-1431.9	5233	9.4	184921.4	-1402.7
4964	9.0	180821.8	-1442.0	5054	9.3	181859.9	-1448.5	5144	9.2	183100.5	-1449.5	5234	10.	184934.1	-1456.0
4965	9.0	180837.0	-1431.7	5055	9.8	181906.4	-1443.6	5145	10.	183101.3	-1436.5	5235	9.2	184943.1	-1430.7
4966	9.4	180843.7	-1442.5	5056	10.	181908.5	-1421.2	5146	9.8	183104.1	-1414.2	5236	9.4	184946.4	-1430.8
4967	9.3	180853.6	-1420.4	5057	9.8	181909.6	-1447.3	5147	9.3	183107.8	-1454.0	5237	10.	184954.4	-1437.5
4968	9.5	180904.6	-1454.5	5058	9.4	181916.0	-1404.8	5148	9.2	183126.9	-1448.1	5238	10.	185003.5	-1459.3
4969	8.0	180909.6	-1453.4	5059	9.8	181923.2	-1453.0	5149	8.9	183202.6	-1453.3	5239	9.5	185004.4	-1425.6
4970	9.2	180914.6	-1405.8	5060	9.5	181932.3	-1417.9	5150	9.1	183208.8	-1441.2	5240	9.8	185009.4	-1439.1
4971	8.8	180916.1	-1430.2	5061	9.8	181932.4	-1448.5	5151	10.	183210.8	-1452.0	5241	9.3	185015.8	-1423.0
4972	9.4	180917.7	-1418.6	5062	9.5	181945.3	-1447.5	5152	8.3	183239.5	-1437.7	5242	8.5	185021.5	-1457.3
4973	9.3	180928.8	-1458.1	5063	9.3	181947.6	-1445.0	5153	8.7	183252.3	-1453.2	5243	9.3	185026.6	-1453.5
4974	9.6	180932.1	-1418.4	5064	9.4	181948.2	-1429.7	5154	9.8	183311.9	-1456.6	5244	9.1	185038.5	-1417.9
4975	9.0	180935.5	-1407.7	5065	9.3	181951.6	-1455.6	5155	9.4	183320.6	-1441.6	5245	9.1	185108.4	-1417.3
4976	9.0	180938.3	-1430.0	5066	9.8	182005.8	-1420.1	5156	6.6	183326.6	-1441.7	5246	9.0	185115.5	-1417.0
4977	9.6	180948.2	-1432.7	5067	9.2	182014.8	-1414.8	5157	8.9	183406.2	-1443.5	5247	9.5	185121.9	-1432.6
4978	9.4	180952.7	-1445.8	5068	9.4	182024.3	-1424.6	5158	9.3	183409.1	-1447.0	5248	9.0	185136.8	-1452.0
4979	9.2	181004.1	-1437.0	5069	8.8	182030.4	-1416.1	5159	9.3	183415.3	-1417.4	5249	9.4	185149.0	-1413.4
4980	10.	181004.3	-1431.0	5070	9.5	182056.3	-1418.9	5160	9.4	183428.3	-1427.8	5250	10.	185208.4	-1448.1
4981	9.2	181005.2	-1425.2	5071	5.0	182057.2	-1439.3	5161	9.1	183431.6	-1436.1	5251	9.6	185219.9	-1444.4
4982	9.3	181007.8	-1443.7	5072	9.2	182057.7	-1443.3	5162	9.1	183449.2	-1425.7	5252	9.4	185228.5	-1412.7
4983	9.5	181008.6	-1453.2	5073	9.3	182059.4	-1412.1	5163	8.9	183456.0	-1449.4	5253	9.3	185229.8	-1431.2
4984	8.9	181011.0	-1413.6	5074	9.3	182105.3	-1422.5	5164	9.2	183505.1	-1448.2	5254	9.5	185232.4	-1432.9
4985	8.9	181013.0	-1407.7	5075	9.6	182105.4	-1416.0	5165	8.5	183525.2	-1434.7	5255	9.5	185311.5	-1409.7
4986	9.1	181013.8	-1402.7	5076	9.3	182119.9	-1449.8	5166	10.	183536.5	-1456.9	5256	8.7	185312.1	-1443.2
4987	9.5	181019.3	-1416.7	5077	6.8	182131.0	-1440.4	5167	9.5	183558.0	-1403.9	5257	9.4	185312.5	-1439.5
4988	8.5	181023.4	-1401.7	5078	9.0	182139.3	-1409.4	5168	9.7	183609.7	-1453.2	5258	9.3	185321.2	-1430.8
4989	9.9	181030.1	-1457.4	5079	9.4	182144.2	-1427.5	5169	9.9	183627.8	-1454.0	5259	9.5	185334.1	-1442.3
4990	9.8	181031.3	-1415.4	5080	9.2	182146.6	-1453.8	5170	9.6	183628.8	-1428.0	5260	9.1	185337.4	-1430.2
4991	8.2	181045.0	-1402.6	5081	9.2	182146.9	-1418.0	5171	9.4	183629.1	-1415.6	5261	9.8	185348.0	-1419.5
4992	9.3	181048.3	-1422.7	5082	9.4	182149.5	-1456.6	5172	8.6	183638.4	-1429.7	5262	9.5	185349.6	-1457.2
4993	9.6	181051.6	-1414.1	5083	9.3	182208.0	-1441.0	5173	9.8	183651.0	-1450.3	5263	10.	185359.5	-1417.6
4994	9.3	181054.6	-1413.3	5084	9.8	182225.9	-1408.1	5174	9.3	183703.2	-1406.8	5264	9.1	185408.5	-1418.8
4995	9.6	181104.1	-1430.1	5085	9.4	182231.1	-1453.2	5175	9.2	183704.2	-1424.5	5265	9.1	185421.5	-1403.8
4996	9.6	181107.5	-1440.9	5086	9.7	182241.0	-1432.8	5176	9.7	183706.4	-1449.6	5266	9.2	185427.5	-1401.8
4997	9.0	181118.4	-1450.3	5087	10.	182242.5	-1437.8	5177	9.5	183708.5	-1457.0	5267	9.0	185432.9	-1443.5
4998	9.9	181126.7	-1443.1	5088	10.	182247.2	-1443.1	5178	9.4	183713.5	-1446.3	5268	9.3	185438.8	-1439.5
4999	9.5	181130.8	-1408.5	5089	9.3	182300.8	-1446.2	5179	9.1	183718.1	-1448.2	5269	9.7	185451.3	-1422.4
5000	9.8	181136.2	-1430.1	5090	8.8	182303.4	-1412.7	5180	9.1	183719.7	-1405.2	5270	9.3	185501.7	-1456.1
5001	9.8	181141.3	-1446.5	5091	9.7	182308.7	-1452.5	5181	8.8	183726.0	-1420.9	5271	9.5	185511.6	-1411.2
5002	8.7	181158.5	-1454.2	5092	9.3	182310.2	-1427.1	5182	9.8	183743.9	-1440.1	5272	10.	185517.1	-1404.3
5003	10.	181215.1	-1424.9	5093	9.5	182319.5	-1424.6	5183	9.5	183818.6	-1411.8	5273	9.5	185521.0	-1409.9
5004	9.2	181216.5	-1411.6	5094	9.9	182329.2	-1449.2	5184	9.4	183822.8	-1421.5	5274	9.2	185547.1	-1440.8
5005	8.9	181220.2	-1400.8	5095	8.5	182344.3	-1406.2	5185	9.5	183826.6	-1445.0	5275	9.6	185547.5	-1424.4
5006	9.5	181237.5	-1458.4	5096	9.8	182356.4	-1406.2	5186	8.8	183829.4	-1459.9	5276	10.	185548.7	-1447.7

-14 5277 18h56m

5277	8.5	185600.4	-1432.5	5367	9.8	190850.5	-1438.4	5457	9.1	192419.0	-1437.4	5547	9.7	193912.6	-1455.5
5278	9.5	185620.7	-1435.3	5368	9.4	190902.4	-1417.6	5458	9.2	192423.4	-1454.4	5548	9.4	193924.7	-1415.1
5279	9.0	185633.8	-1446.0	5369	9.5	190902.9	-1431.7	5459	9.2	192443.6	-1422.8	5549	9.2	193929.0	-1453.3
5280	9.0	185636.3	-1403.5	5370	9.5	190905.9	-1404.6	5460	9.6	192501.6	-1412.7	5550	9.9	193932.9	-1443.3
5281	8.0	185739.4	-1451.8	5371	8.2	190914.6	-1445.3	5461	8.5	192506.9	-1405.4	5551	9.9	193943.4	-1436.8
5282	9.8	185743.2	-1448.7	5372	9.6	190931.6	-1442.8	5462	8.7	192524.3	-1446.3	5552	8.3	193950.9	-1455.5
5283	10.	185803.1	-1442.4	5373	9.1	190939.7	-1455.0	5463	10.	192531.1	-1427.3	5553	9.5	193951.7	-1436.8
5284	9.6	185816.4	-1410.0	5374	9.5	190949.4	-1412.8	5464	9.2	192541.0	-1418.0	5554	9.5	193951.8	-1434.2
5285	9.5	185818.8	-1422.5	5375	9.8	190949.8	-1430.0	5465	9.5	192612.0	-1452.9	5555	6.4	193954.1	-1403.4
5286	9.5	185838.3	-1453.5	5376	9.3	190957.3	-1407.6	5466	9.0	192641.0	-1455.7	5556	9.7	193954.9	-1407.0
5287	8.5	185852.4	-1417.2	5377	8.8	191012.5	-1404.7	5467	9.3	192651.6	-1405.8	5557	9.7	194015.2	-1413.3
5288	9.7	185856.9	-1429.3	5378	9.0	191014.9	-1435.6	5468	9.3	192710.4	-1403.3	5558	9.8	194029.8	-1444.3
5289	10.	185857.2	-1424.2	5379	9.1	191021.4	-1433.8	5469	9.5	192722.1	-1414.1	5559	8.2	194049.3	-1444.5
5290	9.5	185919.0	-1449.2	5380	7.5	191027.6	-1448.1	5470	9.0	192732.6	-1430.4	5560	9.8	194057.0	-1429.3
5291	9.5	185926.7	-1431.1	5381	9.3	191029.8	-1421.5	5471	10.	192746.9	-1441.5	5561	8.7	194103.8	-1456.9
5292	9.5	185938.4	-1409.3	5382	8.8	191038.9	-1424.0	5472	9.2	192757.1	-1432.8	5562	9.2	194140.7	-1402.9
5293	9.5	185940.3	-1422.4	5383	9.4	191039.4	-1441.0	5473	10.	192811.6	-1401.9	5563	9.5	194145.3	-1405.3
5294	10.	185942.2	-1450.3	5384	9.1	191103.2	-1414.7	5474	9.7	192822.5	-1446.1	5564	9.8	194207.8	-1459.1
5295	9.7	185943.8	-1445.5	5385	9.5	191104.6	-1410.8	5475	7.5	192858.9	-1444.9	5565	7.3	194217.9	-1417.1
5296	8.9	190009.2	-1401.0	5386	9.7	191115.1	-1402.5	5476	9.4	192917.1	-1447.6	5566	9.2	194223.4	-1410.4
5297	9.0	190028.0	-1442.1	5387	8.2	191120.9	-1424.7	5477	9.5	192918.1	-1419.2	5567	8.7	194224.2	-1428.0
5298	9.5	190041.2	-1448.8	5388	9.5	191129.4	-1433.0	5478	8.9	192920.5	-1443.2	5568	9.1	194239.3	-1457.4
5299	9.5	190043.5	-1400.7	5389	9.0	191137.8	-1431.8	5479	5.6	192923.6	-1437.2	5569	10.	194240.6	-1442.4
5300	9.4	190047.3	-1456.4	5390	8.8	191147.4	-1450.6	5480	7.3	192937.6	-1416.4	5570	9.7	194244.0	-1446.2
5301	8.9	190049.7	-1428.5	5391	9.3	191152.3	-1418.0	5481	10.	192940.4	-1407.8	5571	9.1	194256.9	-1457.8
5302	9.1	190053.9	-1407.9	5392	7.3	191154.3	-1442.5	5482	9.5	192943.5	-1457.9	5572	9.6	194315.8	-1439.2
5303	9.5	190054.2	-1435.3	5393	9.6	191206.6	-1436.3	5483	9.6	192956.6	-1419.1	5573	9.5	194326.4	-1454.0
5304	10.	190057.8	-1409.1	5394	9.1	191208.0	-1436.0	5484	9.6	193000.6	-1415.1	5574	9.4	194330.9	-1436.1
5305	9.4	190106.6	-1425.8	5395	9.5	191210.5	-1426.6	5485	9.3	193011.2	-1427.4	5575	10.	194334.9	-1428.5
5306	10.	190108.7	-1420.8	5396	9.8	191219.7	-1409.7	5486	9.8	193016.2	-1401.2	5576	9.6	194419.0	-1406.5
5307	9.0	190118.1	-1448.8	5397	8.7	191221.7	-1400.4	5487	9.5	193030.6	-1446.8	5577	9.3	194427.7	-1400.2
5308	9.7	190119.3	-1424.7	5398	9.5	191241.0	-1448.1	5488	9.1	193043.6	-1441.6	5578	6.8	194456.6	-1457.9
5309	9.8	190136.6	-1456.5	5399	9.8	191244.7	-1449.4	5489	9.0	193048.6	-1453.8	5579	9.4	194458.1	-1405.2
5310	9.5	190154.4	-1451.8	5400	9.6	191250.9	-1403.9	5490	9.5	193056.7	-1430.0	5580	9.6	194527.1	-1441.3
5311	9.1	190157.1	-1403.2	5401	9.5	191258.6	-1452.4	5491	9.4	193058.1	-1425.8	5581	8.3	194532.8	-1432.6
5312	9.3	190220.1	-1442.3	5402	9.5	191303.8	-1452.0	5492	9.4	193100.7	-1427.4	5582	8.8	194553.5	-1413.4
5313	8.2	190301.8	-1416.6	5403	9.5	191312.7	-1409.3	5493	8.5	193106.2	-1434.7	5583	9.2	194632.4	-1413.2
5314	10.	190304.2	-1436.9	5404	7.8	191332.5	-1417.9	5494	9.3	193113.9	-1403.8	5584	9.8	194656.9	-1426.1
5315	9.9	190321.2	-1402.0	5405	9.1	191336.1	-1450.9	5495	9.9	193123.2	-1414.4	5585	8.4	194657.0	-1409.6
5316	8.9	190332.3	-1415.9	5406	9.2	191401.9	-1424.0	5496	8.9	193138.1	-1421.5	5586	8.7	194657.8	-1438.8
5317	6.8	190340.1	-1449.3	5407	8.3	191411.9	-1400.2	5497	10.	193153.1	-1400.5	5587	9.8	194658.5	-1451.7
5318	9.1	190343.1	-1456.7	5408	9.4	191426.3	-1417.8	5498	7.3	193154.2	-1422.2	5588	9.3	194713.2	-1450.3
5319	9.4	190347.7	-1433.8	5409	8.8	191429.2	-1423.9	5499	9.0	193159.9	-1442.3	5589	9.8	194736.6	-1403.4
5320	9.5	190351.8	-1438.2	5410	9.5	191429.5	-1443.6	5500	9.2	193227.6	-1425.8	5590	8.9	194744.6	-1448.1
5321	9.2	190354.2	-1430.7	5411	8.4	191431.5	-1418.0	5501	9.2	193233.1	-1446.4	5591	9.4	194801.5	-1405.5
5322	9.8	190402.5	-1412.8	5412	9.2	191434.0	-1420.3	5502	9.8	193233.4	-1416.0	5592	10.	194803.0	-1410.1
5323	9.8	190409.2	-1403.1	5413	9.0	191444.1	-1431.9	5503	9.8	193236.4	-1448.0	5593	9.1	194809.2	-1424.3
5324	9.8	190410.1	-1447.5	5414	9.6	191457.3	-1404.0	5504	9.8	193254.7	-1408.9	5594	9.8	194822.4	-1456.9
5325	8.3	190435.8	-1443.9	5415	9.5	191531.5	-1449.0	5505	9.4	193301.4	-1455.1	5595	9.8	194843.0	-1459.2
5326	9.8	190436.2	-1411.4	5416	9.1	191532.8	-1407.9	5506	9.5	193312.1	-1457.4	5596	9.2	194845.4	-1426.3
5327	8.0	190437.7	-1428.3	5417	9.5	191542.7	-1458.6	5507	9.8	193327.4	-1452.3	5597	9.8	194921.1	-1409.4
5328	9.2	190440.2	-1409.0	5418	9.5	191549.0	-1414.4	5508	9.5	193346.2	-1436.1	5598	9.5	194931.2	-1442.3
5329	9.4	190440.3	-1401.0	5419	9.5	191552.4	-1445.8	5509	9.6	193347.6	-1417.3	5599	9.3	194935.0	-1452.9
5330	9.2	190446.2	-1420.7	5420	9.8	191554.0	-1416.2	5510	9.4	193350.2	-1406.0	5600	9.4	194944.7	-1448.1
5331	9.5	190447.0	-1432.0	5421	9.0	191612.5	-1416.8	5511	9.2	193350.6	-1426.8	5601	8.6	195008.5	-1442.3
5332	9.1	190456.6	-1441.4	5422	8.2	191615.9	-1453.4	5512	9.3	193352.7	-1424.6	5602	9.7	195010.5	-1458.5
5333	7.8	190512.1	-1441.1	5423	9.8	191624.3	-1441.1	5513	9.5	193352.7	-1421.0	5603	8.8	195017.1	-1423.7
5334	9.8	190517.3	-1422.5	5424	9.8	191630.8	-1443.1	5514	9.2	193355.6	-1441.7	5604	10.	195032.3	-1420.1
5335	9.1	190529.3	-1408.9	5425	9.1	191636.4	-1454.8	5515	9.5	193410.0	-1457.4	5605	9.8	195043.9	-1406.0
5336	9.8	190531.6	-1453.8	5426	9.3	191655.9	-1444.6	5516	10.	193427.7	-1416.2	5606	9.1	195046.9	-1410.8
5337	10.	190543.6	-1446.0	5427	8.0	191709.7	-1448.3	5517	10.	193438.1	-1442.3	5607	9.8	195048.0	-1448.6
5338	9.2	190544.3	-1455.8	5428	6.0	191710.4	-1410.3	5518	8.6	193451.6	-1433.7	5608	9.3	195055.7	-1408.3
5339	6.5	190547.7	-1416.9	5429	9.3	191719.0	-1421.8	5519	9.7	193503.6	-1450.5	5609	9.4	195137.8	-1428.8
5340	9.3	190549.5	-1437.9	5430	9.7	191731.0	-1449.2	5520	10.	193514.2	-1426.5	5610	9.3	195159.7	-1405.2
5341	9.1	190552.8	-1419.1	5431	9.5	191740.2	-1459.2	5521	9.5	193530.7	-1407.9	5611	9.4	195202.4	-1459.1
5342	9.5	190601.8	-1439.0	5432	10.	191742.4	-1445.7	5522	9.5	193541.9	-1446.3	5612	9.5	195202.5	-1413.9
5343	8.8	190618.9	-1442.4	5433	9.3	191753.5	-1430.1	5523	20.0	193547.2	-1429.5	5613	7.5	195258.6	-1419.6
5344	9.3	190627.9	-1440.6	5434	9.8	191759.3	-1434.8	5524	10.	193557.6	-1456.5	5614	9.1	195259.9	-1420.7
5345	9.5	190643.1	-1403.8	5435	7.2	191810.7	-1450.3	5525	8.7	193600.0	-1451.4	5615	9.5	195310.0	-1412.9
5346	10.	190643.2	-1446.1	5436	9.8	191838.1	-1451.4	5526	9.3	193602.0	-1439.3	5616	9.8	195324.2	-1455.7
5347	9.5	190646.4	-1430.9	5437	8.5	191842.0	-1426.1	5527	9.1	193617.5	-1433.6	5617	10.	195339.4	-1435.9
5348	9.2	190701.2	-1442.9	5438	9.7	191928.7	-1443.5	5528	10.	193621.3	-1418.8	5618	5.8	195350.7	-1401.7
5349	9.0	190707.6	-1447.9	5439	8.8	192002.8	-1458.8	5529	9.9	193629.2	-1422.1	5619	9.7	195358.1	-1440.4
5350	9.8	190715.4	-1410.6	5440	9.4	192015.5	-1447.3	5530	9.7	193643.6	-1402.6	5620	9.3	195400.7	-1432.9
5351	9.2	190719.6	-1457.7	5441	7.8	192025.0	-1426.8	5531	9.0	193647.3	-1456.9	5621	9.7	195431.1	-1447.7
5352	9.0	190720.3	-1409.9	5442	9.3	192036.4	-1455.3	5532	9.5	193653.3	-1433.6	5622	9.8	195448.6	-1443.8
5353	9.8	190722.7	-1451.4	5443	9.3	192040.0	-1410.0	5533	10.	193705.2	-1424.9	5623	9.2	195452.4	-1429.4
5354	9.5	190733.7	-1452.2	5444	9.5	192052.5	-1427.2	5534	8.9	193724.5	-1448.7	5624	9.5	195458.5	-1456.5
5355	9.1	190745.9	-1441.6	5445	8.7	192132.0	-1411.6	5535	9.1	193735.3	-1423.9	5625	9.5	195512.5	-1456.5
5356	9.5	190753.1	-1459.5	5446	8.2	192139.0	-1417.9	5536	9.3	193741.2	-1435.8	5626	8.8	195523.3	-1448.1
5357	9.5	190754.5	-1441.6	5447	9.3	192210.9	-1452.6	5537	8.8	193752.8	-1409.7	5627	9.6	195540.9	-1447.4
5358	9.2	190807.9	-1401.6	5448	9.2	192215.0	-1405.6	5538	10.	193757.8	-1423.0	5628	9.5	195546.7	-1447.5
5359	9.3	190809.4	-1404.6	5449	9.4	192226.5	-1435.8	5539	9.1	193758.5	-1415.6	5629	9.1	195558.2	-1432.6
5360	9.6	190809.8	-1413.4	5450	7.8	192245.4	-1451.7	5540	9.1	193812.1	-1448.5	5630	9.8	195558.6	-1414.7
5361	10.	190817.3	-1423.7	5451	9.8	192248.6	-1427.0	5541	10.	193826.2	-1400.5	5631	10.	195656.1	-1450.0
5362	10.	190829.4	-1435.4	5452	8.7	192314.1	-1416.6	5542	9.6	193827.8	-1405.1	5632	9.1	195658.5	-1407.1
5363	9.7	190829.6	-1446.7	5453	8.5	192327.1	-1447.2	5543	10.	193829.4	-1454.2	5633	9.4	195717.7	-1445.0
5364	9.5	190833.2	-1457.2	5454	9.1	192349.5	-1425.6	5544	9.7	193838.9	-1402.6	5634	8.7	195731.7	-1444.8
5365	10.	190840.3	-1436.7	5455	9.6	192354.5	-1401.8	5545	9.7	193848.8	-1451.4	5635	9.2	195736.4	-1402.6
5366	9.1	190846.2	-1448.3	5456	9.3	192356.6	-1438.3	5546	10.	193900.3	-1432.2	5636	9.4	195748.5	-1422.8

-14 5636 19h57m

-14 5637 19h57m

-14 5996 21h11m

5637	9.5	195753.9	-1434.6	5727	9.8	201440.9	-1422.0	5817	10.	203316.6	-1403.4	5907	8.5	205215.9	-1403.3
5638	9.2	195815.4	-1445.3	5728	9.4	201443.6	-1410.1	5818	9.2	203324.2	-1430.6	5908	7.0	205303.2	-1405.5
5639	9.7	195823.4	-1439.3	5729	9.6	201449.8	-1441.8	5819	9.4	203334.9	-1458.8	5909	9.1	205321.4	-1456.5
5640	9.0	195850.3	-1453.3	5730	9.3	201450.9	-1459.0	5820	9.3	203341.3	-1403.2	5910	10.	205330.4	-1422.6
5641	9.1	195854.6	-1453.9	5731	9.4	201508.3	-1437.6	5821	9.0	203345.1	-1424.8	5911	9.0	205341.9	-1404.2
5642	9.3	195857.5	-1415.2	5732	7.0	201519.5	-1443.1	5822	9.7	203352.7	-1445.1	5912	9.9	205351.8	-1414.1
5643	9.7	195915.4	-1401.1	5733	8.3	201529.3	-1428.9	5823	9.5	203352.9	-1458.8	5913	10.	205355.5	-1455.2
5644	10.	195939.1	-1446.0	5734	7.3	201609.3	-1434.8	5824	9.6	203405.8	-1408.8	5914	9.3	205406.9	-1434.9
5645	9.2	195948.6	-1423.5	5735	9.8	201631.0	-1416.6	5825	9.6	203412.7	-1446.8	5915	8.8	205436.5	-1441.7
5646	9.3	200016.6	-1440.0	5736	8.5	201724.9	-1435.2	5826	8.8	203425.8	-1419.0	5916	9.3	205444.2	-1450.2
5647	9.4	200018.7	-1415.7	5737	9.1	201729.5	-1449.6	5827	9.1	203431.7	-1439.1	5917	9.0	205454.2	-1456.9
5648	7.5	200026.8	-1440.5	5738	8.5	201734.5	-1402.1	5828	9.7	203450.9	-1451.0	5918	9.8	205456.4	-1429.8
5649	9.6	200034.1	-1426.3	5739	9.8	201754.3	-1435.2	5829	9.0	203511.3	-1423.9	5919	9.5	205502.3	-1428.9
5650	9.7	200041.1	-1449.6	5740	8.8	201757.7	-1445.3	5830	10.	203527.7	-1421.4	5920	9.4	205525.2	-1433.8
5651	9.7	200049.0	-1440.9	5741	8.0	201811.9	-1420.0	5831	9.1	203530.0	-1455.0	5921	9.0	205538.4	-1417.3
5652	9.0	200127.2	-1442.4	5742	8.3	201812.6	-1401.4	5832	9.6	203547.3	-1425.2	5922	9.3	205543.6	-1442.3
5653	9.8	200131.4	-1419.6	5743	9.4	201819.3	-1438.4	5833	9.8	203555.3	-1423.6	5923	9.2	205553.9	-1433.5
5654	8.8	200139.9	-1441.7	5744	9.3	201843.0	-1409.2	5834	9.1	203556.1	-1436.4	5924	10.	205612.7	-1435.0
5655	10.	200155.2	-1426.1	5745	8.5	201909.5	-1400.9	5835	10.	203601.4	-1447.0	5925	8.9	205706.3	-1443.2
5656	10.	200207.5	-1441.9	5746	10.	201910.9	-1433.1	5836	9.4	203609.3	-1421.7	5926	10.	205720.8	-1446.7
5657	9.1	200216.1	-1407.8	5747	9.4	201913.0	-1447.4	5837	8.8	203610.8	-1413.2	5927	9.8	205729.9	-1422.5
5658*	9.8	200223.6	-1445.1	5748	9.8	201919.1	-1458.1	5838	10.	203625.8	-1443.3	5928	9.9	205731.4	-1425.7
5659	9.6	200228.5	-1403.7	5749	9.1	201926.6	-1447.3	5839	7.1	203629.6	-1442.3	5929	9.4	205737.1	-1456.6
5660	10.	200230.1	-1438.5	5750	9.4	201927.9	-1453.4	5840	10.	203629.7	-1435.6	5930	9.4	205747.7	-1404.3
5661	9.8	200252.5	-1410.9	5751	9.3	201939.9	-1436.4	5841	10.	203648.4	-1423.5	5931	10.	205836.2	-1444.7
5662	10.	200307.3	-1404.2	5752	10.	201955.2	-1448.3	5842	9.4	203706.9	-1432.4	5932	8.0	205839.1	-1404.9
5663	30.0	200310.2	-1441.6	5753	7.8	201957.9	-1428.2	5843	9.8	203747.9	-1430.6	5933	9.9	205845.4	-1417.5
5664	8.5	200323.1	-1412.2	5754	8.8	202011.5	-1416.5	5844	9.1	203759.9	-1438.2	5934	9.6	205850.3	-1431.2
5665	9.8	200327.6	-1449.3	5755	9.5	202013.9	-1430.0	5845	9.8	203801.1	-1455.2	5935	9.4	205904.2	-1458.1
5666	9.1	200407.1	-1407.6	5756	9.2	202028.6	-1448.2	5846	9.1	203805.9	-1424.8	5936	7.2	205908.0	-1430.0
5667	9.5	200416.0	-1434.2	5757	9.4	202031.6	-1450.0	5847	9.5	203850.3	-1411.8	5937	9.0	205924.1	-1435.1
5668	9.3	200430.8	-1406.5	5758	9.4	202056.1	-1408.1	5848	10.	203909.0	-1414.3	5938	9.4	205955.4	-1438.5
5669	9.4	200431.9	-1452.2	5759	9.5	202100.3	-1401.5	5849	9.9	203916.5	-1436.2	5939	9.2	210001.0	-1434.7
5670	8.2	200440.7	-1413.2	5760	9.5	202122.5	-1422.0	5850	9.6	203934.1	-1456.8	5940	7.8	210010.8	-1454.1
5671	9.0	200513.2	-1406.8	5761	9.5	202149.6	-1450.8	5851	9.4	203953.2	-1406.3	5941	9.3	210024.5	-1416.7
5672	9.2	200520.2	-1419.0	5762	9.8	202156.2	-1454.1	5852	9.2	204017.6	-1401.1	5942	8.7	210034.0	-1424.9
5673	9.5	200526.2	-1408.5	5763	9.5	202200.1	-1411.5	5853	9.4	204022.0	-1407.0	5943	9.7	210039.9	-1447.8
5674	8.5	200536.6	-1437.5	5764	10.	202225.0	-1409.0	5854	9.5	204027.5	-1428.6	5944	9.5	210102.0	-1416.5
5675	9.2	200602.2	-1437.1	5765	8.9	202255.9	-1403.9	5855	8.8	204033.6	-1404.4	5945	8.9	210115.0	-1421.6
5676	9.8	200603.0	-1415.8	5766	8.5	202348.0	-1415.9	5856	9.1	204043.0	-1404.3	5946	7.7	210135.6	-1442.0
5677	8.7	200604.7	-1419.7	5767	9.5	202400.6	-1409.9	5857	9.3	204107.0	-1424.9	5947	9.1	210133.2	-1446.5
5678	9.8	200605.8	-1449.6	5768	9.3	202406.3	-1452.3	5858	9.8	204108.2	-1407.2	5948	9.3	210141.6	-1435.3
5679	9.5	200622.3	-1416.4	5769	9.0	202409.7	-1457.2	5859	9.0	204127.1	-1432.1	5949	8.2	210203.4	-1451.7
5680	8.0	200628.9	-1446.2	5770	9.5	202411.5	-1425.2	5860	9.4	204138.1	-1457.3	5950	9.5	210241.6	-1409.7
5681	9.8	200643.6	-1438.8	5771	9.5	202427.5	-1429.4	5861	8.6	204154.8	-1410.6	5951	8.8	210304.2	-1438.8
5682	9.7	200647.4	-1433.9	5772	9.5	202437.5	-1437.9	5862	10.	204206.2	-1459.5	5952	9.5	210328.6	-1434.7
5683	9.9	200711.2	-1429.8	5773	9.5	202439.0	-1444.1	5863	9.9	204227.0	-1413.5	5953	10.	210333.1	-1428.4
5684	9.0	200718.7	-1442.2	5774	9.5	202439.2	-1453.5	5864	8.0	204245.7	-1444.4	5954	8.7	210355.9	-1417.5
5685	9.7	200726.4	-1421.7	5775	8.7	202442.6	-1411.6	5865	9.7	204306.2	-1444.6	5955	9.7	210356.1	-1423.5
5686	9.7	200726.6	-1423.0	5776	8.3	202446.3	-1402.1	5866	8.0	204317.6	-1427.3	5956	8.8	210358.0	-1438.0
5687	9.1	200727.6	-1448.4	5777	9.8	202506.3	-1447.6	5867	8.5	204331.5	-1417.2	5957	9.7	210406.6	-1446.8
5688	9.6	200730.5	-1455.0	5778	9.1	202510.6	-1434.1	5868	10.	204342.7	-1446.1	5958	9.8	210421.5	-1426.6
5689	9.7	200730.5	-1409.6	5779	10.	202516.2	-1407.0	5869	9.6	204353.6	-1430.8	5959	10.	210427.1	-1420.0
5690	9.0	200734.8	-1444.5	5780	9.2	202526.9	-1402.2	5870	9.9	204418.1	-1420.3	5960	8.5	210445.9	-1458.8
5691	9.6	200734.9	-1428.6	5781	6.0	202607.1	-1412.7	5871	8.9	204432.6	-1418.3	5961	10.	210448.0	-1440.1
5692	9.1	200752.3	-1458.7	5782	9.8	202617.1	-1421.5	5872	9.8	204448.6	-1439.1	5962	9.4	210514.6	-1409.1
5693	9.0	200756.1	-1443.5	5783	9.8	202626.0	-1437.0	5873	9.0	204500.3	-1448.6	5963	8.8	210516.9	-1416.4
5694	9.3	200757.2	-1437.2	5784	9.5	202627.1	-1447.1	5874	10.	204502.2	-1429.9	5964	9.1	210517.2	-1427.4
5695	9.2	200811.2	-1430.5	5785	9.8	202634.1	-1421.6	5875	7.8	204530.7	-1458.0	5965	9.1	210517.9	-1457.5
5696	9.3	200839.3	-1450.1	5786	8.9	202640.3	-1456.1	5876	9.3	204536.1	-1435.8	5966	10.	210523.2	-1450.2
5697	8.7	200843.2	-1438.3	5787	9.5	202652.3	-1451.0	5877	10.	204548.2	-1415.7	5967	9.1	210531.0	-1441.4
5698	9.5	200845.5	-1433.0	5788	9.3	202711.7	-1408.3	5878	9.8	204553.1	-1417.0	5968	9.8	210531.9	-1418.5
5699	9.5	200856.0	-1451.8	5789	9.5	202715.6	-1405.1	5879	9.4	204615.2	-1417.0	5969	9.5	210558.3	-1445.8
5700	10.	200900.1	-1441.7	5790	9.3	202718.1	-1405.5	5880	8.3	204616.7	-1442.8	5970	8.6	210603.2	-1417.1
5701	9.4	200907.2	-1431.8	5791	9.3	202718.1	-1423.6	5881	9.7	204629.0	-1448.6	5971	9.4	210615.1	-1436.7
5702	9.1	200920.2	-1425.3	5792	9.4	202749.8	-1455.9	5882	9.0	204641.6	-1421.7	5972	9.4	210619.6	-1428.9
5703	8.4	200922.8	-1424.1	5793	9.7	202755.0	-1427.7	5883	9.6	204643.4	-1400.7	5973	8.7	210630.7	-1444.3
5704	9.4	200936.0	-1443.6	5794	9.0	202756.7	-1419.4	5884	9.5	204649.1	-1400.5	5974	9.1	210634.5	-1454.8
5705	10.	200939.7	-1423.7	5795	9.1	202803.1	-1432.7	5885	10.	204719.2	-1426.0	5975	9.2	210639.7	-1426.0
5706	10.	201015.8	-1419.0	5796	9.7	202829.0	-1401.2	5886	9.4	204725.1	-1439.0	5976	10.	210711.7	-1446.9
5707	9.3	201022.7	-1419.9	5797	9.1	202831.6	-1436.5	5887	9.5	204733.1	-1400.8	5977	9.0	210805.3	-1403.6
5708	7.6	201055.4	-1444.1	5798	9.5	202912.8	-1459.2	5888	9.3	204751.8	-1457.1	5978	9.0	210819.3	-1409.5
5709	10.	201100.8	-1448.9	5799	9.4	202913.6	-1453.6	5889	10.	204802.2	-1433.1	5979	9.1	210819.9	-1437.6
5710	9.2	201105.6	-1420.5	5800	9.5	202926.3	-1459.5	5890	9.4	204808.4	-1404.2	5980	10.	210839.2	-1426.9
5711	9.3	201115.4	-1440.6	5801	9.5	202933.7	-1406.6	5891	9.8	204811.2	-1439.7	5981	9.8	210852.3	-1439.8
5712	9.8	201129.0	-1449.0	5802	8.5	202945.2	-1417.7	5892	10.	204905.4	-1430.6	5982	9.8	210852.7	-1444.4
5713	8.7	201145.7	-1443.4	5803	10.	202955.4	-1449.4	5893	9.0	204917.7	-1421.4	5983	9.4	210858.8	-1411.2
5714	9.4	201146.9	-1417.9	5804	9.6	203008.2	-1444.6	5894	10.	204953.8	-1425.7	5984	9.3	210929.3	-1436.2
5715	9.3	201200.3	-1425.9	5805	9.3	203017.8	-1446.9	5895	9.0	205003.8	-1411.1	5985	9.5	210931.6	-1446.8
5716	9.4	201206.8	-1425.9	5806	9.5	203032.4	-1440.7	5896	9.5	205007.7	-1417.7	5986	9.2	210933.7	-1451.8
5717	9.8	201217.8	-1417.3	5807	9.6	203049.9	-1452.6	5897	10.	205019.7	-1427.0	5987	9.1	210935.6	-1401.4
5718	8.8	201239.9	-1407.2	5808	10.	203052.1	-1430.1	5898	9.5	205037.3	-1422.8	5988	10.	210950.9	-1423.4
5719	8.3	201257.8	-1421.0	5809	9.5	203123.8	-1400.4	5899	9.5	205044.2	-1414.4	5989	9.9	211034.2	-1439.1
5720	8.5	201309.4	-1455.5	5810	9.0	203134.7	-1413.3	5900	9.6	205047.5	-1402.5	5990	8.8	211038.0	-1403.8
5721	9.8	201316.9	-1427.3	5811	9.3	203158.7	-1407.0	5901	8.8	205104.8	-1438.6	5991	9.2	211043.3	-1436.4
5722	9.4	201330.7	-1430.9	5812	8.3	203201.2	-1431.2	5902	8.8	205116.5	-1441.8	5992	9.0	211106.8	-1436.0
5723	9.5	201356.7	-1450.4	5813	9.6	203233.8	-1424.7	5903	10.	205152.2	-1435.5	5993	9.5	211114.3	-1413.2
5724	9.4	201358.3	-1427.8	5814	9.0	203250.7	-1447.4	5904	9.4	205157.0	-1429.3	5994	10.	211116.1	-1436.0
5725	9.8	201410.3	-1441.4	5815	7.7	203311.3	-1400.6	5905	9.7	205200.5	-1456.6	5995	9.6	211118.3	-1450.3
5726	9.4	201411.4	-1416.6	5816	9.1	203315.7	-1419.2	5906	9.1	205215.1	-1430.0	5996	9.0	211134.9	-1439.8

-14 5997 21h11m

5997	6.7	211149.6	-1437.3	6087	9.5	213019.6	-1451.8	6177	9.5	215018.5	-1425.9
5998	9.4	211156.9	-1450.0	6088	8.0	213020.5	-1410.9	6178	9.4	215031.0	-1454.8
5999	7.5	211211.9	-1406.3	6089	9.3	213038.0	-1405.2	6179	10.	215136.2	-1438.2
6000	10.	211303.5	-1432.3	6090	9.2	213041.5	-1412.2	6180	9.6	215137.1	-1433.2
6001	9.7	211321.7	-1403.3	6091	9.8	213045.7	-1403.2	6181	8.8	215147.4	-1407.0
6002	9.5	211325.0	-1457.8	6092	9.7	213056.7	-1450.1	6182	10.	215148.7	-1450.9
6003	9.0	211348.4	-1439.1	6093	9.4	213112.6	-1423.6	6183	9.4	215156.5	-1459.2
6004	9.2	211350.8	-1409.8	6094	7.0	213120.1	-1432.0	6184	9.8	215158.1	-1445.2
6005	10.	211357.4	-1451.3	6095	8.2	213120.2	-1442.5	6185	9.8	215217.0	-1430.2
6006	9.5	211416.5	-1410.1	6096	9.1	213156.0	-1415.4	6186	9.5	215217.6	-1444.3
6007	8.9	211418.2	-1402.3	6097	10.	213157.5	-1421.3	6187	7.5	215246.5	-1451.3
6008	9.8	211458.6	-1445.1	6098	10.	213226.6	-1424.4	6188	7.3	215247.6	-1426.3
6009	9.8	211501.0	-1416.3	6099	9.1	213256.5	-1415.4	6189	9.3	215301.1	-1430.1
6010	7.8	211524.5	-1407.6	6100	9.4	213316.4	-1440.9	6190	8.9	215317.6	-1453.1
6011	9.5	211556.6	-1430.7	6101	8.9	213326.2	-1435.0	6191	9.0	215319.1	-1434.2
6012	9.6	211557.0	-1403.0	6102	5.5	213338.8	-1441.6	6192	10.	215334.0	-1423.1
6013	9.2	211603.1	-1419.0	6103	8.7	213350.4	-1450.9	6193	9.9	215338.8	-1410.6
6014	9.6	211607.6	-1444.2	6104	9.4	213411.1	-1431.4	6194	9.5	215441.9	-1446.4
6015	9.1	211625.1	-1426.0	6105	10.	213423.4	-1408.9	6195	9.8	215442.5	-1412.1
6016	9.0	211638.8	-1450.8	6106	10.	213424.2	-1426.3	6196	9.5	215447.3	-1436.3
6017	10.	211648.5	-1411.5	6107	9.3	213447.5	-1438.0	6197	9.8	215500.3	-1401.1
6018	8.9	211701.1	-1459.0	6108	10.	213448.2	-1452.7	6198	9.7	215511.6	-1443.7
6019	8.5	211716.2	-1406.8	6109	10.	213500.7	-1437.9	6199	9.5	215536.6	-1423.9
6020	7.2	211726.5	-1453.8	6110	9.1	213506.1	-1420.1	6200	9.8	215558.7	-1454.6
6021	9.4	211729.6	-1413.8	6111	9.1	213529.8	-1449.8	6201	9.6	215605.5	-1446.3
6022	8.9	211737.1	-1434.2	6112	9.5	213549.6	-1451.3	6202	9.9	215611.2	-1412.9
6023	9.1	211743.7	-1459.7	6113	8.9	213607.2	-1436.7	6203	9.1	215631.0	-1445.7
6024	9.1	211822.6	-1411.7	6114	8.9	213652.3	-1437.6	6204	10.	215644.4	-1439.6
6025	9.5	211923.7	-1426.9	6115	9.5	213722.2	-1434.8	6205	9.0	215741.3	-1428.3
6026	7.3	211927.9	-1412.6	6116	8.7	213725.7	-1420.1	6206	9.5	215746.1	-1413.6
6027	9.3	211928.6	-1440.8	6117	10.	213728.4	-1402.1	6207	9.8	215816.3	-1459.0
6028	9.3	211932.3	-1444.0	6118	10.	213734.8	-1425.5	6208	9.1	215827.4	-1440.9
6029	9.0	211945.6	-1411.3	6119	8.7	213735.7	-1418.6	6209	4.5	215835.3	-1433.6
6030	8.6	211959.5	-1403.2	6120	9.4	213741.9	-1456.0	6210	8.6	215837.4	-1447.4
6031	8.2	212004.7	-1419.4	6121	8.8	213754.4	-1400.4	6211	9.3	215907.4	-1435.8
6032	9.4	212007.1	-1403.3	6122	9.4	213837.8	-1455.6	6212	9.2	215948.7	-1442.3
6033	9.8	212011.3	-1458.3	6123	9.5	213839.9	-1458.1	6213	9.5	215955.5	-1437.1
6034	9.8	212023.5	-1423.6	6124	9.3	213857.6	-1410.8	6214	8.5	220002.8	-1417.4
6035	9.3	212032.3	-1435.0	6125	9.0	213919.7	-1409.9	6215	9.4	220016.4	-1417.2
6036	9.7	212042.8	-1456.4	6126	9.5	213931.8	-1447.1	6216	9.5	220020.2	-1450.7
6037	9.3	212059.7	-1431.7	6127	9.6	213945.0	-1424.9	6217	9.5	220029.8	-1405.6
6038	8.3	212108.2	-1425.6	6128	8.5	214039.0	-1450.0	6218	7.2	220057.6	-1400.2
6039	7.0	212143.1	-1439.5	6129	9.8	214055.3	-1449.7	6219	9.5	220104.1	-1416.8
6040	9.5	212152.3	-1452.4	6130	9.4	214057.4	-1425.0	6220	9.4	220108.8	-1455.0
6041	9.4	212152.9	-1419.0	6131	9.0	214100.4	-1423.9	6221	9.5	220129.4	-1402.7
6042	9.3	212157.8	-1451.3	6132	9.8	214115.9	-1421.1	6222	9.0	220152.9	-1418.8
6043	9.5	212204.8	-1458.6	6133	8.2	214135.1	-1415.7	6223	8.2	220156.3	-1435.7
6044	9.7	212214.1	-1447.4	6134	9.5	214136.1	-1445.7	6224	9.0	220248.5	-1428.1
6045	9.1	212237.1	-1447.2	6135	9.5	214152.4	-1449.5	6225	9.5	220331.0	-1408.9
6046	9.1	212240.5	-1448.4	6136	9.7	214208.6	-1402.5	226	9.7	220334.8	-1442.9
6047	7.0	212243.3	-1455.5	6137	9.8	214215.9	-1406.3	6227	9.2	220341.5	-1445.9
6048	9.3	212254.8	-1417.6	6138	9.5	214218.8	-1450.5	6228	8.3	220421.9	-1456.5
6049	9.3	212307.5	-1417.1	6139	9.8	214228.1	-1408.2	6229	6.5	220435.9	-1454.4
6050	9.3	212344.2	-1407.6	6140	9.8	214233.0	-1436.1	6230	9.3	220439.7	-1409.9
6051	9.1	212348.3	-1408.2	6141	9.5	214254.3	-1421.5	6231	9.0	220500.2	-1436.2
6052	9.5	212350.9	-1436.8	6142	9.4	214310.8	-1409.7	6232	8.9	220501.5	-1411.2
6053	10.	212412.4	-1426.4	6143	9.3	214336.4	-1415.5	6233	8.0	220517.6	-1434.9
6054	10.	212426.6	-1444.1	6144	8.2	214342.3	-1410.4	6234	9.8	220529.7	-1439.1
6055	9.0	212426.9	-1453.5	6145	8.6	214359.0	-1436.5	6235	10.	220530.8	-1419.3
6056	9.4	212431.3	-1427.6	6146	9.8	214413.6	-1450.1	6236	9.5	220531.9	-1457.0
6057	9.3	212444.0	-1450.9	6147	9.4	214440.0	-1402.3	6237	9.2	220641.1	-1413.7
6058	8.7	212444.4	-1404.3	6148	8.8	214456.5	-1436.5	6238	10.	220724.5	-1418.9
6059	8.8	212452.5	-1405.9	6149	5.0	214525.2	-1413.9	6239	10.	220752.9	-1443.9
6060	9.8	212456.4	-1450.1	6150	7.5	214529.1	-1451.9	6240	10.	220754.8	-1439.4
6061	10.	212504.4	-1426.0	6151	9.3	214533.8	-1408.4	6241	9.5	220811.5	-1454.4
6062	9.3	212511.8	-1410.9	6152	9.5	214559.0	-1412.0	6242	8.1	220837.3	-1445.7
6063	8.0	212539.2	-1405.2	6153	9.0	214603.0	-1437.5	6243	9.5	220904.2	-1427.5
6064	9.4	212547.9	-1443.1	6154	10.	214606.6	-1417.4	6244	9.8	220912.7	-1430.7
6065	9.3	212549.6	-1422.5	6155	9.1	214610.6	-1457.0	6245	8.5	220920.6	-1454.9
6066	9.1	212550.5	-1409.4	6156	10.	214625.0	-1439.0	6246	10.	220922.5	-1456.8
6067	9.3	212606.8	-1459.9	6157	9.5	214642.7	-1441.4	6247	9.0	220926.5	-1452.6
6068	9.6	212606.9	-1445.4	6158	9.3	214715.1	-1450.9	6248	10.	221002.9	-1436.5
6069	9.7	212608.5	-1434.6	6159	10.	214755.7	-1458.0	6249	9.7	221003.5	-1446.7
6070	8.0	212622.3	-1407.5	6160	9.0	214758.2	-1450.9	6250	10.	221004.7	-1428.2
6071	9.3	212630.9	-1417.1	6161	9.8	214758.7	-1415.5	6251	10.	221020.2	-1459.2
6072	8.8	212648.6	-1432.5	6162	9.8	214802.3	-1421.4	6252	9.5	221029.5	-1448.0
6073	9.3	212648.6	-1440.2	6163	7.8	214815.9	-1443.2	6253	9.5	221059.6	-1422.5
6074	9.3	212708.9	-1441.7	6164	9.4	214816.4	-1427.4	6254	9.3	221106.8	-1450.4
6075	9.5	212747.6	-1442.5	6165	9.7	214828.2	-1450.0	6255	6.5	221113.9	-1401.4
6076	9.4	212808.4	-1420.2	6166	9.0	214835.1	-1417.4	6256	9.2	221118.2	-1405.8
6077	9.0	212815.5	-1431.2	6167	9.6	214846.0	-1447.6	6257	10.	221138.6	-1422.8
6078	8.7	212829.0	-1437.4	6168	9.5	214847.4	-1420.1	6258	9.2	221200.2	-1453.7
6079	9.8	212843.6	-1457.4	6169	8.5	214904.4	-1401.9	6259	9.6	221230.4	-1408.0
6080	8.0	212848.9	-1406.2	6170	9.3	214909.6	-1447.9	6260	10.	221236.7	-1423.0
6081	9.0	212907.4	-1429.2	6171	10.	214928.6	-1412.9	6261	9.5	221238.4	-1437.2
6082	9.0	212908.5	-1437.5	6172	9.7	214932.1	-1415.4	6262	8.8	221301.8	-1442.4
6083	9.8	212937.5	-1424.7	6173	9.0	214932.4	-1434.1	6263	9.6	221307.1	-1441.4
6084	9.7	212938.0	-1429.4	6174	9.5	214940.2	-1437.0	6264	9.0	221309.3	-1418.5
6085	9.5	212950.1	-1457.8	6175	8.9	214948.9	-1446.7	6265	9.6	221356.9	-1426.0
6086	9.2	213003.4	-1406.2	6176	8.9	215001.0	-1435.3	6266	10.	221438.0	-1437.2

-14 6356 22h42m

6267	9.5	221444.4	-1445.0	6287	9.4	221955.7	-1449.0	6307	9.6	222619.5	-1449.6
6268	9.1	221452.8	-1410.5	6288	8.9	222054.6	-1432.2	6308	9.1	222645.2	-1410.6
6269	8.0	221520.8	-1456.7	6289	10.	222105.2	-1432.0	6309	9.5	222758.0	-1408.6
6270	10.	221531.9	-1440.7	6290	8.8	222117.1	-1426.2	6310	9.8	222815.2	-1420.4
6271	9.8	221608.0	-1433.5	6291	9.5	222120.5	-1458.1	6311	9.8	222820.3	-1429.1
6272	9.5	221608.7	-1435.0	6292	9.5	222146.7	-1400.0	6312	8.4	222828.3	-1447.0
6273	9.3	221613.1	-1438.0	6293	9.7	222153.9	-1455.0	6313	10.	222851.7	-1405.3
6274	9.5	221623.1	-1405.2	6294	9.4	222208.1	-1444.8	6314	9.5	222852.5	-1442.4
6275	9.5	221633.4	-1410.1	6295	8.9	222246.8	-1436.2	6315	8.0	222929.4	-1425.2
6276	6.5	221641.7	-1415.6	6296	9.2	222300.6	-1417.0	6316	9.5	222944.0	-1443.5
6277	8.7	221717.3	-1443.7	6297	9.1	222333.7	-1415.7	6317	8.5	223010.8	-1407.5
6278	9.2	221719.0	-1426.4	6298	9.4	222345.7	-1422.9	6318	10.	223028.0	-1428.1
6279	9.2	221722.7	-1448.3	6299	8.8	222351.8	-1432.9	6319	8.7	223046.3	-1448.3
6280	9.6	221730.0	-1439.1	6300	9.2	222418.9	-1441.8	6320	7.9	223050.9	-1449.1
6281	9.3	221759.4	-1459.5	6301	8.2	222425.2	-1420.2	6321	9.3	223052.2	-1446.9
6282	9.5	221759.6	-1436.9	6302	9.3	222428.7	-1420.2	6322	9.6	223058.1	-1409.8
6283	8.5	221839.0	-1451.1	6303	9.1	222440.6	-1455.0	6323	9.8	223141.6	-1434.6
6284	9.5	221907.4	-1431.9	6304	9.6	222527.5	-1606.0	6324	9.1	223224.0	-1423.2
6285	9.4	221907.5	-1447.6	6305	9.4	222532.6	-1451.4	6325	9.3	223246.5	-1413.3
6286	9.1	221932.5	-1453.3	6306	9.8	222553.2	-1410.5	6326	9.0	223313.0	-1436.4
6287	9.4	221955.7	-1449.0	6307	9.6	222619.5	-1449.6	6327	9.6	223417.8	-1401.7
6288	8.9	222054.6	-1432.2	6308	9.1	222645.2	-1410.6	6328	9.4	223441.1	-1417.2
6289	10.	222105.2	-1432.0	6309	9.5	222758.0	-1408.6	6329	9.7	223527.2	-1436.8
6290	8.8	222117.1	-1426.2	6310	9.8	222815.2	-1420.4	6330	9.4	223532.8	-1432.1
6291	9.5	222120.5	-1458.1	6311	9.8	222820.3	-1429.1	6331	9.5	223545.8	-1441.8
6292	9.5	222146.7	-1400.0	6312	8.4	222828.3	-1447.0	6332	9.3	223549.2	-1425.1
6293	9.7	222153.9	-1455.0	6313	10.	222851.7	-1405.3	6333	9.8	223613.5	-1406.2
6294	9.4	222208.1	-1444.8	6314	9.5	222852.5	-1442.4	6334	9.1	223622.2	-1424.9
6295	8.9	222246.8	-1436.2	6315	8.0	222929.4	-1425.2	6335	9.2	223639.1	-1412.0
6296	9.2	222300.6	-1417.0	6316	9.5	222944.0	-1443.5	6336	9.0	223709.2	-1421.2
6297	9.1	222333.7	-1415.7	6317	8.5	223010.8	-1407.5	6337	8.7	223716.1	-1424.0
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6299	8.8	222351.8	-1432.9	6319	8.7	223046.3	-1448.3	6339	9.4	223732.0	-1413.1
6300	9.2	222418.9	-1441.8	6320	7.9	223050.9	-1449.1	6340	8.6	223738.7	-1458.2
6301	8.2	222425.2	-1420.2	6321	9.3	223052.2	-1446.9	6341	8.7	223739.5	-1419.7
6302	9.3	222428.7	-1420.2	6322	9.6	223058.1	-1409.8	6342	9.5	223743.1	-1420.2
6303	9.1	222440.6	-1455.0	6323	9.8	223141.6	-1434.6	6343	8.2	223823.9	-1435.9
6304	9.6	222527.5	-1606.0	6324	9.1	223224.0	-1423.2	6344	8.8	223832.2	-1417.1
6305	9.4	222532.6	-1451.4	6325	9.3	223246.5	-1413.3	6345	9.5	223859.3	-1419.0
6306	9.8	222553.2	-1410.5	6326	9.0	223313.0	-1436.4	6346	6.2	224000.8	-1449.1
6307	9.6	222619.5	-1449.6	6327	9.6	223417.8	-1401.7	6347	10.	224022.5	-1431.6
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6309	9.5	222758.0	-1408.6	6329	9.7	223527.2	-1436.8	6349	9.8	224116.2	-1450.4
6310	9.8	222815.2	-1420.4	6330	9.4	223532.8	-1432.1	6350	10.	224130.2	-1449.7
6311	9.8	222820.3	-1429.1	6331	9.5	223545.8	-1441.8	6351	9.2	224146.9	-1420.8
6312	8.4	222828.3	-1447.0	6332	9.3	223549.2	-1425.1	6352	9.0	224147.5	-1438 0
6313	10.	222851.7	-1405.3	6333	9.8	223613.5	-1406.2	6353	9.0	224149.0	-1402.7
6314	9.5	222852.5	-1442.4	6334	9.1	223622.2	-1424.9	6354	4.0	224154.3	-1421.2
6315	8.0	222929.4	-1425.2	6335	9.2	223639.1	-1412.0	6355	7.7	224242.4	-1449.5
6316	9.5	222944.0	-1443.5	6336	9.0	223709.2	-1421.2	6356	9.2	224242.8	-1418.7

6357	9.2	224248.2	-1404.4	6447	8.8	231120.1	-1439.2	6537	9.7	233820.2	-1422.2	6	9.2	00051.4	-1512.1
6358	9.8	224355.6	-1422.1	6448	5.3	231130.0	-1414.4	6538	9.6	233827.6	-1418.5	7	7.0	00052.9	-1538.0
6359	8.0	224358.9	-1437.7	6449	9.8	231130.0	-1410.6	6539	7.8	233830.5	-1415.8	8	9.1	00100.0	-1543.7
6360	9.2	224420.5	-1431.5	6450	7.7	231200.7	-1451.4	6540	7.9	233849.5	-1409.7	9	9.1	00116.4	-1515.3
6361	9.8	224431.1	-1402.6	6451	10.	231217.8	-1410.5	6541	9.8	233906.2	-1428.7	10	8.8	00125.1	-1554.7
6362	9.2	224522.0	-1449.1	6452	9.5	231257.9	-1441.4	6542	10.	233915.1	-1420.2	11	8.8	00156.1	-1522.8
6363	9.9	224545.3	-1447.1	6453	7.3	231340.7	-1403.6	6543	9.8	233916.2	-1432.3	12	8.5	00210.0	-1519.4
6364	9.2	224605.2	-1437.2	6454	10.	231347.2	-1448.6	6544	9.8	233925.0	-1441.1	13	9.5	00226.5	-1506.0
6365	9.8	224620.5	-1417.6	6455	8.3	231351.0	-1427.2	6545	10.	233931.1	-1430.0	14	8.5	00229.3	-1525.0
6366	8.8	224719.0	-1448.9	6456	8.4	231358.4	-1449.4	6546	9.2	233931.8	-1455.5	15	9.8	00233.7	-1509.1
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6371	10.	224832.8	-1437.5	6461	9.0	231526.4	-1417.0	6551	9.4	234054.1	-1400.6	20	9.5	00403.3	-1529.3
6372	10.	224903.0	-1409.5	6462	9.4	231540.6	-1458.5	6552	8.5	234110.0	-1441.3	21	9.9	00429.7	-1525.7
6373	9.3	224917.4	-1445.1	6463	9.8	231602.6	-1402.3	6553	9.0	234126.5	-1458.0	22	8.6	00450.8	-1557.9
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6375	9.5	224942.2	-1449.1	6465	10.	231623.0	-1445.8	6555	10.	234137.1	-1436.4	24	9.5	00537.7	-1552.3
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6377	10.	225024.9	-1440.4	6467	7.8	231750.5	-1448.4	6557	8.8	234148.3	-1421.6	26	9.0	00614.2	-1544.9
6378	9.3	225026.1	-1423.9	6468	9.7	231800.7	-1456.6	6558	8.7	234148.4	-1406.3	27	9.6	00632.5	-1528.7
6379	9.3	225030.7	-1427.0	6469	9.5	231809.0	-1412.7	6559	9.6	234202.2	-1407.9	28	8.5	00653.7	-1515.0
6380	9.8	225207.4	-1453.0	6470	9.0	231817.1	-1456.9	6560	10.	234255.2	-1406.5	29	10.	00702.7	-1541.3
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6383	9.2	225226.3	-1427.1	6473	9.7	231938.2	-1443.9	6563	8.1	234410.2	-1447.2	32	6.7	00715.7	-1536.7
6384	10.	225245.2	-1439.1	6474	9.3	231950.7	-1422.9	6564	9.0	234436.3	-1439.9	33	9.8	00734.6	-1525.9
6385	10.	225246.5	-1446.3	6475	8.6	232111.4	-1450.0	6565	9.8	234449.8	-1403.0	34	9.0	00810.0	-1501.9
6386	9.4	225325.9	-1444.8	6476	9.4	232158.0	-1423.0	6566	9.3	234502.5	-1454.3	35	9.3	00813.0	-1526.7
6387	9.1	225332.1	-1408.8	6477	9.2	232200.9	-1406.8	6567	8.2	234521.2	-1453.5	36	9.1	00848.0	-1523.9
6388	9.4	225343.1	-1430.5	6478	8.6	232242.3	-1446.3	6568	9.6	234533.7	-1406.5	37	9.8	00848.4	-1532.2
6389	9.0	225352.2	-1445.0	6479	8.7	232313.2	-1406.2	6569	10.	234542.5	-1404.0	38	8.3	00855.5	-1517.0
6390	9.3	225411.1	-1420.8	6480	9.5	232340.9	-1424.6	6570	9.8	234548.3	-1410.0	39	9.5	00919.2	-1553.2
6391	10.	225419.8	-1416.9	6481	8.9	232343.2	-1411.9	6571	10.	234630.3	-1412.4	40	9.3	00925.1	-1515.3
6392	9.3	225444.1	-1403.7	6482	10.	232427.7	-1407.2	6572	9.0	234635.4	-1448.6	41	8.3	00930.7	-1531.6
6393	9.5	225452.3	-1458.5	6483	8.9	232434.3	-1445.2	6573	9.5	234643.8	-1426.0	42	8.8	00940.6	-1509.3
6394	9.2	225454.2	-1437.8	6484	8.8	232446.4	-1425.0	6574	9.5	234703.4	-1431.9	43	9.4	00941.4	-1530.4
6395	8.9	225503.8	-1406.9	6485	8.6	232450.8	-1405.7	6575	9.3	234734.3	-1442.2	44	8.9	00951.8	-1548.1
6396	8.6	225514.3	-1406.1	6486	9.1	232451.0	-1427.3	6576	9.9	234738.5	-1426.1	45	10.	00952.9	-1559.0
6397	9.0	225553.7	-1408.0	6487	8.5	232546.9	-1456.8	6577	8.4	234802.1	-1433.0	46	9.0	01002.2	-1536.6
6398	8.9	225616.4	-1446.6	6488	9.7	232614.2	-1406.1	6578	9.4	234802.3	-1439.3	47	9.4	01024.0	-1525.1
6399	8.6	225646.1	-1455.1	6489	9.2	232614.3	-1422.5	6579	7.5	234820.4	-1446.5	48	9.1	01026.5	-1542.3
6400	9.2	225705.0	-1439.1	6490	9.1	232628.4	-1417.7	6580	9.8	234826.0	-1421.9	49	8.5	01042.1	-1507.2
6401	9.5	225716.0	-1434.4	6491	9.5	232634.2	-1429.9	6581	8.3	234848.6	-1419.2	50	9.6	01150.2	-1553.0
6402	9.9	225723.0	-1404.7	6492	8.3	232639.5	-1423.2	6582	9.7	234849.4	-1446.2	51	9.8	01155.9	-1528.4
6403	9.7	225734.1	-1444.3	6493	9.5	232658.6	-1409.9	6583	9.7	234850.8	-1452.8	52	8.8	01200.6	-1538.5
6404	9.3	225745.3	-1416.5	6494	10.	232751.9	-1409.9	6584	9.7	234940.1	-1449.0	53	9.3	01224.6	-1539.8
6405	10.	225840.7	-1440.5	6495	10.	232753.9	-1441.2	6585	9.1	234949.8	-1448.3	54	9.8	01227.2	-1507.0
6406	8.8	225844.5	-1426.9	6496	8.5	232813.7	-1415.1	6586	9.8	235032.5	-1428.8	55	9.1	01323.5	-1516.6
6407	8.6	225852.1	-1432.5	6497	9.7	232817.0	-1435.4	6587	10.	235058.4	-1406.0	56	9.4	01332.5	-1520.1
6408	9.4	225918.0	-1425.5	6498	9.3	232841.1	-1433.2	6588	7.0	235107.5	-1456.0	57	9.5	01432.6	-1535.8
6409	10.	225918.2	-1449.8	6499	8.3	232845.0	-1416.4	6589	9.4	235116.0	-1412.7	58	8.8	01543.0	-1535.8
6410	9.3	230017.5	-1420.0	6500	9.4	232849.5	-1415.1	6590	8.7	235140.2	-1445.3	59	9.8	01622.6	-1543.1
6411	9.3	230106.6	-1413.5	6501	9.5	232859.9	-1408.8	6591	9.8	235149.2	-1407.9	60	8.5	01634.4	-1509.0
6412	8.8	230123.2	-1430.0	6502	8.9	232921.6	-1421.3	6592	8.8	235158.9	-1407.1	61	9.1	01654.3	-1504.5
6413	7.5	230243.0	-1425.3	6503	9.8	232923.2	-1413.5	6593	9.8	235224.0	-1413.0	62	10.	01712.4	-1509.7
6414	9.5	230246.6	-1429.3	6504	8.0	232933.1	-1421.7	6594	9.5	235236.0	-1456.8	63	9.0	01726.4	-1532.0
6415	8.7	230249.0	-1405.5	6505	9.7	232934.4	-1405.0	6595	9.5	235243.7	-1429.8	64	9.2	01742.3	-1555.8
6416	8.8	230303.4	-1410.0	6506	7.8	232950.5	-1408.1	6596	9.5	235248.2	-1431.8	65	9.8	01744.7	-1529.5
6417	9.0	230332.2	-1440.9	6507	10.	232953.4	-1404.3	6597	8.6	235254.1	-1411.9	66	10.	01815.1	-1530.9
6418	9.3	230349.5	-1415.5	6508	10.	233028.4	-1443.0	6598	9.5	235328.0	-1404.2	67	10.	01827.9	-1516.8
6419	9.0	230403.7	-1447.2	6509	8.0	233102.2	-1430.7	6599	9.8	235351.2	-1429.6	68	9.8	01846.0	-1522.9
6420	9.5	230407.8	-1428.9	6510	9.8	233108.3	-1434.1	6600	9.3	235405.6	-1437.5	69	9.5	01935.7	-1556.8
6421	9.4	230559.3	-1409.3	6511	9.8	233129.8	-1401.3	6601	9.7	235435.9	-1412.0	70	8.2	01951.5	-1503.4
6422	9.3	230609.9	-1447.4	6512	9.9	233136.2	-1435.2	6602	9.9	235436.9	-1442.1	71	9.6	02026.4	-1545.0
6423	9.5	230610.0	-1421.4	6513	10.	233136.5	-1411.8	6603	6.5	235448.7	-1413.2	72	9.5	02031.5	-1511.6
6424	6.8	230612.1	-1410.7	6514	9.6	233141.4	-1450.6	6604	9.4	235453.6	-1458.7	73	9.6	02031.5	-1500.2
6425	9.8	230621.9	-1410.2	6515	10.	233201.0	-1445.0	6605	8.8	235455.7	-1414.3	74	8.8	02124.0	-1512.6
6426	9.5	230624.8	-1450.7	6516	9.7	233216.3	-1445.9	6606	9.5	235504.1	-1452.9	75	9.7	02126.1	-1534.8
6427	9.1	230655.1	-1411.6	6517	9.1	233236.0	-1406.7	6607	9.8	235534.2	-1416.8	76	10.	02140.6	-1511.6
6428	9.1	230711.3	-1425.0	6518	9.5	233238.1	-1413.4	6608	9.0	235607.6	-1402.2	77	10.	02149.1	-1525.4
6429	7.9	230744.8	-1448.1	6519	9.9	233241.8	-1402.5	6609	9.0	235615.1	-1453.5	78	8.0	02154.4	-1552.1
6430	9.5	230745.8	-1456.2	6520	9.4	233258.0	-1440.6	6610	9.4	235620.3	-1405.5	79	9.4	02200.0	-1500.7
6431	9.0	230746.1	-1409.1	6521	9.5	233259.1	-1436.5	6611	8.8	235627.0	-1429.5	80	9.1	02207.8	-1534.1
6432	9.8	230757.6	-1440.0	6522	9.4	233310.2	-1431.8	6612	9.2	235629.7	-1414.7	81	9.4	02211.4	-1512.0
6433	9.2	230817.1	-1412.2	6523	8.3	233347.6	-1416.9	6613	9.3	235630.7	-1408.1	82	9.7	02225.8	-1511.6
6434	9.1	230828.7	-1411.0	6524	9.6	233412.2	-1404.7	6614	9.3	235735.2	-1408.3	83	10.	02226.1	-1557.5
6435	9.5	230847.2	-1404.1	6525	9.5	233412.8	-1417.2	6615	9.3	235802.8	-1410.7	84	6.2	02231.0	-1539.8
6436	9.5	230929.9	-1427.5	6526	9.5	233418.7	-1400.0	6616	10.	235822.4	-1419.3	85	8.7	02239.8	-1513.4
6437	8.2	230933.5	-1436.2	6527	9.4	233431.7	-1441.8	6617	9.5	235827.2	-1454.5	86	9.1	02307.6	-1555.2
6438	7.5	230953.4	-1425.5	6528	10.	233433.4	-1418.1	6618	9.8	235854.8	-1443.0	87	9.4	02321.7	-1520.5
6439	9.9	231012.5	-1428.4	6529	9.5	233446.0	-1436.4	6619	8.8	235921.0	-1433.0	88	9.3	02323.8	-1528.9
6440	8.7	231018.9	-1401.0	6530	9.1	233452.3	-1452.4	6620	9.3	235956.5	-1436.5	89	9.8	02327.9	-1546.8
6441	6.8	231021.4	-1435.0	6531	9.2	233515.1	-1427.4	6621	9.8	235956.6	-1411.2	90	9.5	02357.7	-1512.2
6442	9.5	231043.3	-1457.2	6532	10.	233515.9	-1423.1	1	9.6	00021.0	-1527.3	91	9.4	02415.5	-1545.9
6443	8.8	231045.8	-1440.7	6533	9.8	233526.8	-1453.8	2	9.1	00026.3	-1527.2	92	9.4	02422.0	-1543.1
6444	10.	231046.5	-1416.5	6534	8.9	233622.7	-1438.0	3	8.3	00034.1	-1501.8	93	9.7	02442.2	-1529.6
6445	9.5	231048.0	-1433.1	6535	9.0	233703.0	-1412.5	4	9.2	00037.5	-1525.7	94	10.	02459.7	-1508.4
6446	9.4	231104.6	-1438.1	6536	7.5	233752.6	-1428.9	5	9.5	00049.4	-1540.0	95	8.9	02519.5	-1542.3

-15 96 0h25m

-15 455 2h27m

96	9.7	02530.3	-1533.0	186	9.7	05401.1	-1547.0	276	10.	12439.0	-1548.0	366	9.8	15907.5	-1509.0
97	9.7	02601.2	-1558.7	187	9.2	05434.7	-1544.8	277	9.5	12439.0	-1539.7	367	8.0	15935.1	-1508.8
98	9.0	02623.3	-1505.3	188	9.8	05449.3	-1515.1	278	9.1	12447.4	-1552.1	368	9.0	20007.6	-1505.5
99	9.0	02624.7	-1507.8	189	9.9	05539.7	-1539.5	279	7.8	12506.3	-1514.3	369	9.8	20020.8	-1525.5
100	9.4	02625.3	-1527.5	190	9.5	05616.4	-1531.9	280	9.8	12517.9	-1539.5	370	9.8	20041.3	-1555.0
101	9.8	02651.6	-1540.5	191	8.5	05617.9	-1517.2	281	9.3	12641.7	-1542.4	371	9.4	20053.1	-1519.4
102	9.7	02720.9	-1528.1	192	9.3	05656.0	-1522.2	282	9.0	12740.3	-1540.9	372	9.8	20124.2	-1526.0
103	9.0	02750.6	-1537.4	193	9.6	05722.9	-1502.0	283	8.5	12759.8	-1509.7	373	9.3	20142.6	-1539.9
104	9.8	02805.0	-1531.1	194	8.5	05758.3	-1541.0	284	9.3	12759.9	-1513.9	374	9.8	20143.8	-1527.7
105	8.3	02820.4	-1531.8	195	9.4	05807.0	-1507.4	285	9.4	12838.0	-1556.9	375	9.7	20144.9	-1518.1
106	9.2	02829.4	-1517.1	196	8.5	05826.0	-1517.8	286	10.	12842.6	-1521.6	376	9.8	20235.1	-1503.9
107	9.1	02839.7	-1522.5	197	9.5	05828.4	-1559.9	287	9.7	12852.5	-1526.6	377	7.3	20248.3	-1534.3
108	9.6	02842.7	-1533.6	198	9.8	05832.8	-1527.1	288	9.1	12914.1	-1534.3	378	10.	20322.8	-1529.8
109	6.8	02845.2	-1546.1	199	9.0	05835.7	-1539.6	289	8.0	12943.6	-1507.8	379	9.2	20358.0	-1558.5
110	9.3	02854.6	-1539.0	200	8.9	05913.0	-1504.6	290	10.	13001.5	-1546.9	380	6.8	20406.7	-1545.1
111	9.2	02923.4	-1530.1	201	10.	05918.3	-1537.2	291	9.0	13046.2	-1540.3	381	7.2	20412.0	-1522.4
112	9.3	03023.8	-1524.9	202	9.4	10013.1	-1513.2	292	9.8	13220.5	-1508.4	382	8.5	20430.2	-1505.9
113	9.5	03029.0	-1520.7	203	9.1	10033.9	-1540.5	293	8.6	13223.8	-1526.8	383	8.8	20442.7	-1507.8
114	9.8	03031.8	-1506.2	204	9.1	10055.9	-1530.5	294	10.	13224.5	-1516.2	384	9.0	20457.3	-1532.4
115	9.4	03103.3	-1547.8	205	9.3	10104.0	-1500.0	295	9.9	13229.7	-1553.3	385	9.1	20505.6	-1546.9
116	8.5	03120.5	-1501.8	206	8.6	10114.6	-1557.0	296	9.8	13242.2	-1552.4	386	9.6	20508.8	-1533.6
117	10.	03230.1	-1523.8	207	10.	10121.7	-1558.2	297	7.8	13344.5	-1537.0	387	7.7	20621.1	-1535.5
118	8.6	03232.4	-1505.9	208	9.6	10243.5	-1551.3	298	9.0	13427.8	-1557.3	388	9.2	20719.7	-1528.1
119	9.3	03234.8	-1531.8	209	9.2	10245.0	-1539.5	299	9.2	13429.0	-1521.3	389	9.3	20725.6	-1541.4
120	9.5	03316.4	-1548.5	210	7.2	10245.2	-1501.3	300	9.0	13437.9	-1504.1	390	9.4	20810.4	-1512.8
121	9.5	03317.3	-1555.3	211	7.3	10256.1	-1511.6	301	9.8	13438.5	-1523.8	391	9.4	20814.2	-1515.3
122	9.5	03317.4	-1549.1	212	9.6	10306.7	-1504.2	302	9.1	13545.7	-1546.7	392	9.6	20824.1	-1507.9
123	9.8	03318.0	-1545.9	213	9.5	10334.2	-1504.2	303	9.7	13556.2	-1547.6	393	8.8	20826.9	-1559.5
124	9.7	03325.9	-1548.2	214	9.4	10404.1	-1512.2	304	8.0	13556.6	-1513.2	394	9.2	20844.1	-1500.7
125	9.9	03326.3	-1541.7	215	9.8	10404.9	-1504.4	305	9.0	13632.7	-1504.0	395	10.	20852.8	-1511.7
126	9.7	03341.5	-1523.4	216	9.8	10413.0	-1540.1	306	9.5	13645.0	-1530.8	396	8.4	20907.4	-1523.4
127	9.5	03420.0	-1552.8	217	8.0	10444.3	-1519.6	307	7.3	13805.0	-1517.4	397	9.4	21011.5	-1501.8
128	9.3	03456.9	-1551.4	218	9.8	10504.2	-1552.3	308	9.3	13805.6	-1526.5	398	9.8	21131.1	-1532.5
129	9.8	03511.7	-1521.4	219	9.1	10508.8	-1512.4	309	8.8	13831.2	-1554.2	399	9.5	21212.2	-1521.7
130	9.8	03513.6	-1514.3	220	10.	10510.1	-1522.0	310	10.	13834.5	-1515.9	400	9.0	21249.8	-1500.2
131	9.5	03535.6	-1508.9	221	9.1	10545.8	-1529.7	311	9.8	13845.9	-1521.2	401	7.3	21311.9	-1504.5
132	9.3	03558.7	-1539.0	222	8.9	10547.8	-1532.1	312	9.4	13868.8	-1503.7	402	8.0	21321.4	-1517.5
133	10.	03614.0	-1531.0	223	9.3	10551.3	-1502.4	313	9.8	13905.9	-1507.6	403	9.4	21335.6	-1516.3
134	9.8	03629.9	-1526.8	224	9.1	10552.1	-1525.1	314	10.	13948.8	-1507.3	404	9.6	21340.6	-1517.4
135	8.1	03701.7	-1501.8	225	9.8	10552.4	-1543.9	315	9.8	14001.0	-1537.0	405	9.1	21346.0	-1554.9
136	9.0	03816.4	-1531.3	226	9.4	10628.7	-1516.0	316	9.7	14047.6	-1521.4	406	8.6	21352.6	-1555.8
137	9.0	03818.7	-1507.7	227	10.	10633.9	-1536.1	317	9.8	14053.0	-1514.5	407	9.0	21437.1	-1514.1
138	9.1	03902.1	-1530.1	228	9.4	10636.8	-1502.3	318	8.5	14083.7	-1523.6	408	9.0	21442.2	-1517.9
139	9.0	03941.1	-1533.3	229	9.0	10643.1	-1537.7	319	9.8	14113.4	-1533.5	409	9.5	21444.4	-1527.0
140	9.3	03947.6	-1546.0	230	9.0	10700.2	-1547.0	320	9.1	14119.0	-1540.8	410	8.7	21447.0	-1507.6
141	9.3	03952.3	-1512.8	231	10.	10707.6	-1531.4	321	7.3	14133.7	-1529.3	411	9.4	21503.2	-1509.4
142	9.1	03958.1	-1543.9	232	8.7	10721.4	-1502.8	322	9.2	14135.0	-1523.3	412	8.5	21505.0	-1535.5
143	9.5	04002.9	-1551.5	233	8.2	10800.3	-1555.3	323	9.5	14141.6	-1536.7	413	9.5	21509.1	-1554.9
144	9.3	04010.6	-1513.7	234	9.6	10813.4	-1510.4	324	9.0	14233.2	-1548.7	414	8.0	21532.6	-1554.0
145	8.4	04057.3	-1505.9	235	9.2	10838.5	-1527.2	325	9.5	14346.5	-1532.1	415	10.	21538.7	-1534.4
146	8.0	04117.9	-1532.2	236	9.3	10909.7	-1513.0	326	8.7	14406.5	-1507.1	416	7.7	21550.1	-1533.9
147	9.8	04148.6	-1536.1	237	10.	10911.8	-1543.7	327	9.5	14412.8	-1535.9	417	9.8	21633.0	-1549.5
148	9.1	04149.8	-1525.3	238	9.0	10940.4	-1522.8	328	8.5	14436.9	-1552.4	418	9.1	21652.1	-1508.6
149	9.6	04243.7	-1523.5	239	9.0	10948.3	-1549.7	329	9.4	14457.5	-1537.9	419	9.9	21704.3	-1503.4
150	9.3	04301.9	-1535.1	240	9.5	11014.1	-1551.3	330	9.4	14459.9	-1537.5	420	9.5	21719.2	-1516.0
151	9.5	04318.7	-1551.4	241	9.1	11017.2	-1510.7	331	8.6	14513.9	-1540.5	421	10.	21728.9	-1521.0
152	8.6	04330.3	-1537.6	242	9.4	11109.9	-1524.8	332	8.9	14519.5	-1507.5	422	9.8	21730.5	-1549.1
153	9.5	04334.5	-1502.3	243	9.8	11144.9	-1549.9	333	9.3	14519.7	-1548.8	423	9.1	21752.1	-1504.4
154	9.0	04343.4	-1557.5	244	8.7	11154.7	-1536.5	334	9.0	14529.8	-1515.5	424	9.5	21815.6	-1551.2
155	9.5	04401.0	-1528.1	245	9.0	11203.7	-1522.5	335	9.5	14600.1	-1530.3	425	9.8	21830.5	-1530.4
156	9.1	04419.3	-1540.0	246	9.4	11231.7	-1506.1	336	8.5	14602.6	-1510.4	426	6.0	21906.7	-1559.3
157	9.4	04440.0	-1502.5	247	8.0	11241.4	-1540.5	337	9.0	14613.6	-1554.0	427	9.5	21911.2	-1557.5
158	9.0	04449.8	-1539.1	248	10.	11257.5	-1552.2	338	9.8	14622.3	-1550.5	428	9.8	21911.4	-1519.3
159	9.4	04553.4	-1531.5	249	9.9	11321.0	-1559.9	339	8.4	14644.2	-1541.8	429	9.2	21949.4	-1537.5
160	8.6	04614.8	-1538.5	250	9.2	11356.0	-1520.4	340	10.	14705.0	-1528.8	430	8.3	22003.1	-1508.0
161	9.5	04625.6	-1548.3	251	9.4	11413.5	-1525.6	341	9.2	14712.1	-1545.2	431	9.0	22011.3	-1513.5
162	9.3	04632.6	-1520.9	252	9.6	11422.5	-1547.9	342	9.0	14715.5	-1531.2	432	9.1	22019.4	-1541.1
163	8.9	04643.9	-1525.4	253	9.7	11435.7	-1530.6	343	9.8	14729.7	-1511.9	433	8.9	22058.8	-1553.5
164	9.8	04715.0	-1525.6	254	9.2	11440.0	-1548.4	344	9.5	14749.2	-1554.1	434	9.4	22138.5	-1524.7
165	9.7	04724.5	-1529.4	255	8.9	11622.9	-1508.2	345	9.8	14835.5	-1556.9	435	9.4	22141.4	-1512.5
166	9.8	04749.4	-1536.1	256	9.9	11639.5	-1529.1	346	9.6	14912.6	-1528.2	436	9.8	22150.8	-1523.9
167	10.	04829.1	-1552.8	257	9.3	11643.5	-1502.6	347	9.7	14917.9	-1529.7	437	8.3	22154.3	-1556.9
168	9.1	04833.0	-1508.6	258	9.6	11645.6	-1542.4	348	9.8	14922.2	-1543.4	438	9.8	22156.0	-1525.5
169	9.6	04835.4	-1522.4	259	9.5	11648.7	-1553.8	349	9.5	14929.3	-1514.6	439	9.0	22310.5	-1516.4
170	10.	04908.8	-1534.7	260	9.5	11649.4	-1557.7	350	9.6	15028.8	-1539.1	440	9.1	22347.6	-1536.0
171	8.0	04919.1	-1527.2	261	10.	11658.2	-1532.7	351	9.1	15033.4	-1544.3	441	9.3	22401.5	-1521.5
172	8.2	04943.1	-1554.2	262	9.3	11807.5	-1527.5	352	8.0	15104.0	-1528.8	442	7.5	22410.7	-1546.6
173	9.5	04957.5	-1538.1	263	8.0	11810.9	-1544.6	353	9.5	15110.3	-1543.3	443	9.0	22415.9	-1543.9
174	9.3	05004.7	-1536.3	264	9.1	11822.9	-1530.0	354	7.0	15212.7	-1549.6	444	9.5	22425.6	-1507.4
175	8.5	05019.7	-1539.4	265	9.8	11827.0	-1504.3	355	9.5	15229.1	-1545.1	445	8.5	22439.9	-1557.6
176	9.1	05040.3	-1559.9	266	5.3	11828.9	-1521.3	356	10.	15317.9	-1501.5	446	10.	22447.3	-1508.7
177	9.9	05126.1	-1553.8	267	9.6	11851.2	-1559.8	357	9.1	15550.1	-1514.5	447	8.9	22449.9	-1554.8
178	9.0	05135.5	-1528.1	268	9.5	11927.8	-1552.2	358	9.0	15554.4	-1509.1	448	9.0	22502.2	-1545.4
179	9.1	05138.6	-1556.3	269	9.1	11936.2	-1547.0	359	9.2	15610.7	-1551.7	449	4.5	22513.1	-1552.5
180	9.8	05204.1	-1529.5	270	9.8	12014.6	-1526.2	360	9.0	15617.8	-1557.2	450	9.7	22539.0	-1514.1
181	9.5	05205.2	-1504.7	271	10.	12024.0	-1507.5	361	9.5	15630.2	-1500.4	451	8.5	22610.6	-1521.6
182	9.6	05212.8	-1519.9	272	9.9	12104.2	-1509.1	362	9.4	15649.0	-1536.2	452	9.9	22612.3	-1505.7
183	9.2	05247.9	-1533.1	273	8.5	12219.9	-1554.9	363	8.9	15651.5	-1509.5	453	7.7	22621.2	-1500.1
184	10.	05250.7	-1513.1	274	9.0	12323.5	-1510.5	364	9.6	15722.6	-1516.9	454	9.1	22634.0	-1558.4
185	9.4	05310.6	-1535.6	275	9.2	12408.7	-1530.7	365	9.3	15726.9	-1544.2	455	8.6	22714.5	-1515.7

-15 456 2h28m

-15 815 4h29m

456	8.6	22815.8	-1549.5	546	9.4	30051.6	-1541.6	636	8.3	33403.3	-1512.0	726	9.4	40146.8	-1535.3
457	9.3	22816.8	-1532.6	547	9.3	30102.2	-1531.5	637	9.8	33441.3	-1512.5	727	10.	40203.9	-1509.6
458	7.0	22845.6	-1534.5	548	9.1	30152.2	-1527.0	638	9.5	33444.4	-1539.5	728	9.7	40247.4	-1505.4
459	9.0	22901.7	-1552.4	549	9.6	30202.7	-1536.0	639	9.5	33459.4	-1530.0	729	9.4	40255.4	-1531.1
460	9.5	22909.4	-1505.0	550	9.8	30224.3	-1510.6	640	9.8	33515.4	-1536.4	730	8.3	40256.4	-1510.8
461	7.0	22941.1	-1517.4	551	8.3	30355.4	-1559.3	641	9.4	33536.2	-1556.9	731	9.0	40333.7	-1550.1
462	8.5	22951.4	-1550.0	552	9.1	30400.7	-1545.4	642	9.1	33550.4	-1519.2	732	9.0	40334.2	-1516.8
463	9.1	23033.3	-1540.3	553	9.1	30435.8	-1549.3	643	9.5	33605.0	-1537.5	733	7.5	40349.3	-1525.0
464	9.0	23053.2	-1514.3	554	7.7	30458.3	-1528.7	644	9.8	33612.9	-1539.1	734	9.5	40356.0	-1513.2
465	9.5	23135.4	-1541.5	555	9.5	30511.3	-1555.6	645	9.8	33639.5	-1527.4	735	9.3	40403.6	-1538.2
466	9.0	23218.5	-1537.2	556	9.8	30534.9	-1516.2	646	9.4	33731.5	-1527.2	736	9.1	40424.8	-1510.6
467	10.	23232.8	-1529.2	557	9.8	30612.3	-1500.9	647	9.7	33815.3	-1536.1	737	10.	40425.3	-1547.4
468	9.2	23247.9	-1540.0	558	9.6	30646.1	-1536.7	648	9.2	33834.8	-1506.4	738	9.2	40425.7	-1508.7
469	9.8	23309.6	-1552.2	559	9.5	30651.0	-1518.5	649	7.0	33849.7	-1549.6	739	9.8	40450.9	-1547.8
470	9.1	23324.0	-1501.7	560	9.4	30729.7	-1523.1	650	9.5	33904.0	-1525.4	740	10.	40519.0	-1537.5
471	9.5	23329.3	-1501.9	561	9.4	30745.2	-1536.2	651	9.2	33924.5	-1536.3	741	9.3	40629.4	-1501.5
472	8.9	23329.5	-1503.0	562	8.8	30746.1	-1522.7	652	9.0	33928.6	-1537.6	742	10.	40642.5	-1530.6
473	6.8	23332.4	-1504.3	563	8.8	30801.8	-1548.6	653	9.8	33939.9	-1515.8	743	10.	40644.2	-1544.9
474	9.8	23348.2	-1515.7	564	9.5	30823.4	-1500.7	654	8.0	33950.8	-1541.9	744	9.4	40702.0	-1518.7
475	8.9	23402.0	-1502.3	565	9.6	30839.4	-1520.5	655	9.5	34010.3	-1546.5	745	8.4	40724.6	-1524.0
476	9.4	23424.8	-1535.0	566	9.5	30854.1	-1533.4	656	9.5	34022.1	-1543.4	746	8.9	40740.8	-1501.0
477	7.5	23437.9	-1543.4	567	9.8	30856.0	-1544.0	657	8.6	34034.2	-1547.2	747	10.	40740.9	-1516.6
478	6.3	23441.5	-1510.2	568	8.0	30905.7	-1520.3	658	9.3	34036.9	-1533.6	748	9.3	40754.9	-1508.5
479	9.6	23453.8	-1535.6	569	9.3	30908.7	-1515.5	659	8.5	34038.9	-1513.2	749	9.2	40759.3	-1513.3
480	9.9	23520.0	-1545.6	570	9.7	30952.3	-1512.3	660	8.3	34045.5	-1529.4	750	9.5	40813.6	-1513.5
481	9.5	23535.4	-1540.2	571	9.2	31005.4	-1543.2	661	9.8	34103.1	-1542.0	751	9.1	40814.7	-1532.0
482	9.8	23612.5	-1543.9	572	9.6	31043.1	-1512.8	662	10.	34107.8	-1559.3	752	9.5	40852.4	-1555.7
483	9.8	23620.9	-1558.0	573	9.5	31045.8	-1537.4	663	9.1	34109.4	-1508.9	753	9.5	40853.5	-1509.7
484	9.3	23626.4	-1544.3	574	9.8	31136.6	-1517.0	664	8.0	34114.3	-1533.4	754	8.0	40925.2	-1517.5
485	9.5	23654.2	-1513.0	575	9.8	31153.2	-1552.2	665	9.1	34134.8	-1502.5	755	8.8	40927.3	-1527.5
486	9.1	23700.1	-1523.4	576	9.8	31202.1	-1526.5	666	9.8	34138.0	-1522.5	756	9.4	41005.0	-1546.1
487	9.6	23826.5	-1528.7	577	9.8	31202.3	-1552.0	667	9.6	34212.0	-1533.1	757	8.7	41005.6	-1513.2
488	9.3	23848.6	-1544.6	578	8.3	31207.1	-1524.8	668	9.5	34222.9	-1509.8	758	10.	41007.5	-1525.5
489	9.0	23910.4	-1548.6	579	10.	31207.6	-1535.7	669	9.8	34229.6	-1527.5	759	9.1	41019.3	-1546.4
490	10.	23921.5	-1516.9	580	9.8	31244.5	-1505.1	670	9.3	34232.6	-1543.5	760	9.8	41101.7	-1546.0
491	7.5	24001.7	-1553.5	581	9.5	31405.0	-1549.5	671	9.3	34238.2	-1527.7	761	9.0	41149.6	-1553.4
492	9.1	24007.0	-1534.5	582	9.8	31411.2	-1512.5	672	9.4	34245.1	-1542.5	762	10.	41154.2	-1509.3
493	8.0	24018.7	-1559.0	583	9.0	31436.5	-1551.4	673	9.8	34301.6	-1546.3	763	9.5	41208.9	-1528.8
494	9.5	24128.9	-1550.3	584	7.1	31514.3	-1558.6	674	9.8	34343.0	-1511.0	764	9.4	41245.0	-1558.7
495	9.5	24157.6	-1537.3	585	9.8	31539.6	-1511.3	675	9.4	34343.5	-1533.7	765	8.7	41255.9	-1531.2
496	9.5	24216.2	-1543.5	586	9.8	31543.4	-1511.1	676	9.0	34355.2	-1522.5	766	10.	41321.9	-1507.5
497	8.6	24218.1	-1524.5	587	9.3	31621.5	-1556.6	677	8.0	34420.4	-1508.8	767	9.2	41330.4	-1507.2
498	8.4	24226.3	-1518.0	588	9.5	31633.7	-1547.3	678	8.5	34425.4	-1540.4	768	9.4	41450.5	-1549.3
499	9.5	24307.6	-1534.7	589	7.1	31639.2	-1524.1	679	9.8	34433.2	-1540.6	769	8.8	41450.7	-1527.2
500	9.8	24314.5	-1516.0	590	9.1	31644.8	-1548.8	680	9.6	34613.5	-1504.1	770	9.3	41452.7	-1525.2
501	9.5	24336.7	-1549.0	591	9.7	31710.9	-1526.5	681	9.7	34613.6	-1559.4	771	8.2	41523.5	-1554.0
502	9.0	24338.4	-1506.1	592	8.7	31725.0	-1541.1	682	9.5	34636.5	-1550.4	772	9.5	41625.2	-1508.3
503	10.	24359.6	-1523.3	593	9.1	31742.4	-1501.1	683	6.8	34649.1	-1524.3	773	9.4	41628.6	-1505.2
504	9.5	24401.3	-1519.0	594	8.7	31753.2	-1510.0	684	10.	34734.9	-1537.5	774	9.4	41632.0	-1548.4
505	8.5	24405.4	-1558.3	595	7.8	31831.3	-1532.7	685	9.9	34745.1	-1529.3	775	10.	41718.7	-1526.4
506	9.9	24426.5	-1516.0	596	9.5	31842.0	-1538.4	686	8.9	34802.2	-1522.1	776	9.5	41726.7	-1514.2
507	9.4	24429.4	-1531.8	597	9.3	31931.6	-1524.6	687	7.0	34817.3	-1520.2	777	10.	41739.6	-1521.6
508	9.2	24456.3	-1514.2	598	7.2	31940.1	-1552.1	688	9.5	34825.0	-1526.5	778	9.5	41801.1	-1555.7
509	9.8	24526.8	-1522.5	599	9.8	32014.3	-1543.9	689	9.3	34859.2	-1513.7	779	9.3	41807.1	-1522.0
510	9.5	24530.7	-1548.8	600	9.4	32025.5	-1519.0	690	9.3	34933.0	-1554.5	780	8.5	41817.8	-1501.3
511	9.5	24711.3	-1528.8	601	8.5	32048.6	-1543.1	691	9.5	35005.5	-1549.7	781	9.3	41825.1	-1555.8
512	9.9	24713.5	-1531.9	602	9.5	32110.0	-1531.0	692	9.2	35029.4	-1528.9	782	10.	41832.4	-1535.1
513	9.5	24748.1	-1520.6	603	9.5	32113.0	-1540.0	693	8.3	35150.8	-1531.0	783	9.6	41839.1	-1507.0
514	10.	24752.3	-1543.2	604	9.6	32122.8	-1535.0	694	10.	35207.9	-1543.3	784	9.5	41839.2	-1511.7
515	9.9	24759.1	-1527.9	605	9.5	32247.6	-1520.4	695	9.6	35208.8	-1522.3	785	9.7	41911.5	-1515.9
516	10.	24816.5	-1524.3	606	9.8	32253.1	-1529.1	696	8.0	35241.2	-1532.9	786	7.8	41914.1	-1559.1
517	9.5	24824.0	-1509.3	607	9.4	32325.6	-1545.8	697	9.1	35334.0	-1551.3	787	9.1	42004.0	-1553.0
518	9.7	24916.9	-1524.3	608	9.3	32339.0	-1537.6	698	9.2	35343.1	-1554.5	788	9.2	42019.5	-1548.0
519	7.2	24939.1	-1536.1	609	9.0	32355.1	-1521.1	699	9.7	35405.9	-1534.4	789	9.6	42026.3	-1503.7
520	9.5	24946.1	-1514.5	610	9.8	32359.3	-1557.5	700	9.8	35427.3	-1513.0	790	9.7	42059.8	-1526.3
521	9.2	25001.6	-1516.7	611	9.5	32417.2	-1501.0	701	9.2	35500.2	-1518.6	791	9.2	42109.6	-1520.9
522	9.0	25024.0	-1553.3	612	9.4	32430.0	-1500.3	702	9.1	35510.3	-1536.5	792	9.8	42113.1	-1518.0
523	9.4	25123.8	-1508.4	613	9.4	32538.4	-1504.5	703	9.7	35531.3	-1530.7	793	9.2	42127.4	-1540.1
524	9.5	25201.8	-1517.2	614	9.0	32604.3	-1500.9	704	9.3	35535.9	-1518.6	794	7.0	42129.8	-1530.2
525	8.7	25217.3	-1537.3	615	10.	32614.7	-1536.9	705	9.3	35536.7	-1545.8	795	9.5	42209.2	-1554.3
526	8.9	25248.4	-1524.8	616	9.5	32625.8	-1530.4	706	10.	35542.8	-1532.9	796	8.6	42212.1	-1517.9
527	9.8	25323.1	-1520.3	617	6.3	32701.6	-1536.8	707	9.5	35620.4	-1520.5	797	9.2	42225.2	-1533.3
528	9.5	25408.6	-1556.9	618	10.	32702.1	-1547.3	708	8.6	35624.6	-1532.7	798	8.9	42249.6	-1521.3
529	10.	25409.2	-1508.7	619	9.7	32720.2	-1519.4	709	9.5	35627.0	-1535.4	799	9.9	42332.2	-1524.3
530	9.5	25431.5	-1553.1	620	8.0	32735.6	-1512.0	710	9.7	35647.3	-1513.3	800	9.2	42355.5	-1524.6
531	9.1	25454.0	-1524.2	621	9.1	32838.1	-1518.0	711	9.9	35658.2	-1503.8	801	10.	42422.1	-1548.1
532	8.0	25544.5	-1550.7	622	8.9	32911.5	-1515.6	712	8.8	35800.4	-1525.9	802	9.9	42433.4	-1532.9
533	9.2	25552.7	-1512.5	623	9.5	32959.4	-1500.7	713	9.8	35801.2	-1516.7	803	10.	42446.2	-1556.8
534	9.8	25655.7	-1536.1	624	9.4	33015.7	-1532.8	714	9.7	35818.2	-1550.4	804	9.1	42504.7	-1557.3
535	9.0	25658.6	-1508.0	625	9.3	33026.7	-1536.4	715	8.5	35903.9	-1521.7	805	10.	42553.6	-1546.2
536	9.5	25727.1	-1502.9	626	9.5	33034.9	-1550.1	716	9.2	35910.3	-1515.1	806	9.8	42555.6	-1501.6
537	8.8	25729.0	-1538.6	627	7.0	33103.0	-1557.6	717	8.0	35919.3	-1507.6	807	9.1	42557.3	-1529.1
538	9.3	25753.5	-1530.4	628	9.7	33117.8	-1519.7	718	10.	40016.5	-1537.9	808	9.4	42607.5	-1538.8
539	9.2	25909.7	-1512.4	629	9.3	33129.5	-1500.7	719	10.	40048.0	-1520.5	809	9.4	42616.4	-1539.6
540	9.3	25910.4	-1530.7	630	9.4	33217.3	-1527.0	720	8.5	40051.4	-1549.7	810	9.5	42627.0	-1511.1
541	9.1	25937.2	-1534.0	631	10.	33255.7	-1538.3	721	9.5	40052.5	-1537.5	811	9.4	42652.1	-1536.0
542	9.7	25953.8	-1526.5	632	10.	33303.9	-1536.3	722	9.2	40114.4	-1516.6	812	9.5	42716.5	-1500.6
543	9.4	30004.0	-1520.5	633	8.8	33309.5	-1554.4	723	9.5	40116.3	-1506.8	813	9.8	42810.2	-1511.5
544	9.4	30017.2	-1551.7	634	6.0	33329.1	-1541.8	724	9.8	40129.1	-1519.5	814	9.4	42811.1	-1541.2
545	9.8	30043.5	-1536.7	635	9.8	33335.0	-1531.9	725	9.8	40134.6	-1520.7	815	9.8	42902.5	-1517.0

816	9.8	42902.6	-1534.2	906	9.5	45032.4	-1501.8	996	9.1	51027.1	-1506.9	1086	9.8	52832.9	-1556.9
817	9.4	42919.2	-1553.3	907	9.6	45046.1	-1532.1	997	9.6	51038.0	-1551.2	1087	9.5	52836.4	-1519.9
818	9.5	42931.3	-1553.1	908	9.8	45052.7	-1545.0	998	9.5	51050.8	-1538.7	1088	9.4	52847.6	-1545.5
819	8.3	43016.1	-1513.4	909	9.1	45151.4	-1543.8	999	8.5	51100.0	-1547.0	1089	7.2	52854.9	-1549.9
820	9.2	43017.7	-1511.0	910	7.7	45200.3	-1500.4	1000	8.6	51100.4	-1522.6	1090	9.2	52920.9	-1527.4
821	9.3	43021.6	-1538.6	911	9.6	45205.6	-1524.7	1001	7.2	51101.3	-1522.9	1091	9.8	52928.0	-1511.4
822	9.5	43025.2	-1518.7	912	9.0	45221.9	-1500.4	1002	9.5	51112.4	-1536.2	1092	8.7	52929.9	-1528.8
823	9.5	43039.2	-1547.3	913	10.	45230.6	-1539.1	1003	9.5	51128.1	-1530.4	1093	8.9	52939.8	-1544.9
824	8.5	43041.9	-1559.7	914	8.4	45245.5	-1558.1	1004	10.	51128.7	-1537.1	1094	7.9	52941.1	-1554.6
825	9.5	43136.6	-1527.5	915	30.0	45259.1	-1501.8	1005	9.4	51132.6	-1506.6	1095	9.8	52941.8	-1542.8
826	10.	43216.3	-1519.7	916	9.0	45311.6	-1520.0	1006	9.6	51138.5	-1559.8	1096	9.4	53003.2	-1536.6
827	9.8	43216.5	-1558.9	917	9.0	45315.0	-1535.8	1007	9.7	51204.0	-1513.1	1097	9.4	53014.9	-1533.8
828	8.8	43225.2	-1514.4	918	9.7	45326.6	-1519.8	1008	9.8	51224.8	-1519.3	1098	9.2	53017.5	-1507.8
829	9.9	43225.8	-1501.6	919	9.4	45331.8	-1545.6	1009	9.1	51233.5	-1534.1	1099	9.1	53021.8	-1542.8
830	9.2	43228.9	-1530.3	920	9.8	45339.0	-1510.5	1010	9.5	51236.9	-1528.9	1100	10.	53027.0	-1513.7
831	9.8	43257.9	-1556.7	921	9.0	45400.0	-1558.0	1011	9.5	51243.6	-1549.8	1101	8.3	53112.4	-1511.5
832	9.1	43258.8	-1548.1	922	9.3	45406.4	-1503.1	1012	9.4	51258.0	-1502.3	1102	9.7	53114.5	-1520.3
833	9.2	43300.7	-1559.6	923	9.4	45429.4	-1505.0	1013	9.3	51258.2	-1526.1	1103	9.5	53127.9	-1507.6
834	9.9	43327.6	-1527.7	924	9.8	45435.2	-1541.4	1014	8.0	51321.7	-1546.0	1104	9.3	53128.9	-1502.1
835	9.7	43357.8	-1546.9	925	9.2	45524.0	-1527.1	1015	9.9	51323.6	-1507.0	1105	9.7	53146.7	-1540.3
836	9.4	43402.4	-1504.4	926	9.3	45531.7	-1555.3	1016	8.5	51326.7	-1559.8	1106	9.8	53210.3	-1526.7
837	9.5	43407.9	-1554.3	927	8.5	45558.0	-1554.8	1017	9.1	51416.1	-1502.3	1107	9.5	53221.4	-1503.1
838	9.1	43435.8	-1507.1	928	9.1	45607.7	-1542.3	1018	7.5	51444.2	-1517.6	1108	9.2	53222.0	-1534.2
839	9.5	43439.5	-1557.4	929	10.	45613.2	-1542.3	1019	10.	51502.1	-1556.7	1109	9.5	53251.2	-1536.2
840	9.4	43457.3	-1509.8	930	9.8	45632.4	-1503.1	1020	9.0	51523.9	-1536.8	1110	7.5	53304.1	-1557.2
841	10.	43525.7	-1548.5	931	8.0	45710.5	-1554.7	1021	9.5	51609.8	-1538.3	1111	9.0	53309.6	-1515.2
842	9.4	43542.6	-1504.2	932	9.4	45716.2	-1541.0	1022	9.0	51619.3	-1509.8	1112	9.8	53318.2	-1531.4
843	8.7	43548.6	-1546.6	933	9.1	45717.9	-1553.9	1023	9.3	51628.3	-1535.0	1113	9.8	53322.3	-1532.9
844	9.3	43556.1	-1530.8	934	9.1	45718.6	-1510.4	1024	9.3	51634.9	-1524.1	1114	9.5	53324.4	-1547.4
845	8.8	43620.4	-1536.5	935	9.4	45728.2	-1520.7	1025	9.4	51646.1	-1500.9	1115	9.4	53336.5	-1507.0
846	9.8	43632.6	-1551.0	936	9.4	45739.3	-1542.2	1026	8.9	51716.4	-1514.5	1116	8.7	53340.0	-1508.1
847	9.1	43633.4	-1501.1	937	9.5	45744.0	-1506.1	1027	9.0	51716.6	-1536.5	1117	9.5	53342.0	-1552.5
848	7.9	43635.3	-1553.5	938	7.5	45801.5	-1509.1	1028	9.7	51722.6	-1525.2	1118	9.2	53346.2	-1528.7
849	9.5	43652.9	-1555.1	939	9.4	45802.4	-1551.0	1029	10.	51812.1	-1551.8	1119	8.4	53419.5	-1507.9
850	10.	43656.4	-1537.8	940	9.2	45835.5	-1523.7	1030	9.4	51815.9	-1538.5	1120	10.	53423.0	-1533.5
851	9.8	43712.7	-1557.6	941	9.8	45839.5	-1531.2	1031	10.	51825.1	-1550.0	1121	8.8	53427.8	-1527.4
852	9.6	43735.2	-1527.5	942	9.9	45855.5	-1505.8	1032	9.7	51829.7	-1502.2	1122	9.5	53433.1	-1512.5
853	9.3	43749.5	-1543.0	943	9.5	45930.5	-1504.0	1033	9.7	51835.3	-1559.0	1123	9.5	53440.0	-1553.1
854	9.7	43803.5	-1531.0	944	8.8	45937.7	-1538.6	1034	9.2	51838.9	-1524.5	1124	9.5	53441.4	-1528.6
855	9.5	43810.9	-1537.6	945	9.5	45944.4	-1546.9	1035	8.2	51937.2	-1536.0	1125	7.1	53502.8	-1524.8
856	9.4	43839.4	-1538.8	946	9.5	45949.7	-1537.0	1036	9.1	51947.3	-1535.5	1126	8.0	53520.3	-1541.6
857	9.5	43903.8	-1535.4	947	9.0	50004.1	-1558.8	1037	8.3	52007.1	-1516.1	1127	9.4	53526.6	-1537.4
858	8.5	43910.3	-1511.8	948	9.9	50034.0	-1533.7	1038	9.2	52007.3	-1536.0	1128	8.8	53528.2	-1558.3
859	9.4	43921.1	-1548.5	949	9.6	50057.0	-1505.3	1039	9.0	52010.3	-1539.1	1129	10.	53543.6	-1514.4
860	9.8	43930.8	-1536.6	950	6.5	50138.9	-1517.5	1040	8.5	52011.9	-1553.3	1130	9.8	53550.7	-1532.7
861	9.0	44000.7	-1500.7	951	10.	50202.4	-1517.4	1041	9.7	52018.4	-1532.4	1131	9.5	53553.5	-1553.3
862	9.5	44026.5	-1545.0	952	8.5	50204.7	-1540.8	1042	9.6	52021.0	-1546.0	1132	9.4	53557.5	-1500.4
863	9.8	44045.7	-1519.1	953	8.3	50252.7	-1551.0	1043	9.7	52022.1	-1522.4	1133	9.1	53559.1	-1509.3
864	10.	44052.5	-1523.3	954	9.6	50252.7	-1519.2	1044	9.6	52027.0	-1521.1	1134	9.8	53652.1	-1513.3
865	8.2	44114.8	-1525.7	955	9.4	50255.5	-1551.2	1045	10.	52038.4	-1541.7	1135	9.5	53652.8	-1509.3
866	9.1	44127.3	-1508.8	956	9.5	50319.4	-1500.4	1046	9.6	52042.3	-1520.9	1136	9.5	53713.1	-1546.8
867	8.1	44205.1	-1529.2	957	9.5	50325.2	-1559.0	1047	8.7	52058.4	-1522.6	1137	9.4	53713.6	-1511.7
868	8.2	44240.9	-1558.3	958	9.8	50344.1	-1510.9	1048	9.0	52104.7	-1553.5	1138	8.8	53717.5	-1528.1
869	10.	44256.8	-1502.3	959	9.1	50344.6	-1536.2	1049	10.	52110.3	-1509.2	1139	9.4	53722.0	-1552.7
870	9.7	44257.5	-1507.2	960	9.7	50345.2	-1549.4	1050	9.3	52137.3	-1558.1	1140	9.1	53735.0	-1553.0
871	8.5	44259.7	-1552.0	961	10.	50355.3	-1519.1	1051	10.	52204.2	-1508.3	1141	9.2	53741.0	-1532.1
872	9.0	44311.4	-1559.3	962	8.6	50400.8	-1553.7	1052	9.5	52214.5	-1521.2	1142	9.0	53743.5	-1524.6
873	9.5	44320.3	-1558.0	963	9.0	50445.6	-1554.5	1053	9.2	52250.5	-1521.1	1143	9.8	53749.2	-1551.2
874	8.5	44409.0	-1548.8	964	9.4	50446.0	-1531.1	1054	9.5	52302.4	-1523.4	1144	9.5	53749.2	-1537.6
875	9.0	44414.1	-1522.5	965	8.5	50451.7	-1514.2	1055	9.8	52313.1	-1544.4	1145	9.8	53815.7	-1538.6
876	9.4	44439.3	-1555.7	966	9.6	50501.6	-1506.0	1056	10.	52335.2	-1541.8	1146	9.1	53826.2	-1535.9
877	9.5	44446.0	-1538.3	967	9.6	50504.8	-1520.6	1057	9.4	52335.4	-1539.8	1147	10.	53827.5	-1506.7
878	9.4	44502.0	-1532.2	968	9.1	50541.8	-1514.8	1058	9.4	52339.4	-1529.4	1148	8.5	53829.0	-1518.0
879	9.4	44517.2	-1543.0	969	9.0	50545.4	-1548.3	1059	9.5	52352.2	-1503.9	1149	9.0	53836.7	-1513.6
880	8.0	44529.0	-1517.7	970	9.7	50557.0	-1546.7	1060	9.3	52401.1	-1526.1	1150	9.7	53854.4	-1508.7
881	10.	44531.3	-1528.8	971	7.3	50601.1	-1507.7	1061	9.8	52405.8	-1509.7	1151	9.0	53857.2	-1518.1
882	10.	44544.3	-1531.0	972	9.0	50613.0	-1516.5	1062	10.	52414.9	-1559.2	1152	8.7	53902.5	-1506.6
883	8.0	44548.9	-1508.2	973	9.1	50638.5	-1504.3	1063	8.5	52420.7	-1555.2	1153	9.2	53906.7	-1508.6
884	9.5	44555.1	-1541.6	974	9.0	50644.1	-1553.5	1064	9.4	52435.6	-1526.8	1154	8.5	53912.1	-1555.5
885	10.	44614.9	-1555.0	975	9.8	50713.6	-1550.3	1065	9.4	52435.6	-1524.0	1155	10.	53917.3	-1542.2
886	9.5	44627.5	-1548.4	976	9.2	50729.1	-1513.3	1066	9.4	52438.5	-1521.8	1156	9.2	53922.8	-1520.9
887	9.1	44627.8	-1554.7	977	8.5	50738.5	-1548.9	1067	9.1	52444.8	-1508.0	1157	9.0	53925.2	-1551.5
888	10.	44639.3	-1504.1	978	8.0	50745.7	-1559.6	1068	8.3	52506.9	-1518.9	1158	8.5	53933.1	-1554.2
889	9.8	44642.5	-1517.8	979	9.3	50750.6	-1511.2	1069	10.	52509.2	-1504.6	1159	9.0	53935.7	-1517.7
890	9.6	44650.7	-1501.6	980	9.7	50804.9	-1528.9	1070	9.8	52525.1	-1541.5	1160	9.1	53943.4	-1536.0
891	9.8	44656.9	-1559.4	981	9.0	50821.2	-1558.5	1071	10.	52527.4	-1537.9	1161	9.7	54004.2	-1515.0
892	10.	44733.1	-1552.5	982	9.6	50821.8	-1518.1	1072	8.2	52535.9	-1540.5	1162	9.1	54005.0	-1502.0
893	8.3	44735.8	-1511.0	983	9.9	50828.9	-1507.0	1073	9.3	52544.5	-1522.2	1163	9.8	54019.3	-1538.5
894	10.	44749.1	-1542.7	984	9.0	50832.7	-1515.8	1074	9.6	52547.7	-1553.4	1164	10.	54021.6	-1511.8
895	9.2	44751.1	-1555.0	985	9.5	50837.4	-1545.5	1075	9.0	52550.8	-1505.1	1165	9.2	54035.0	-1500.1
896	10.	44823.8	-1528.1	986	8.5	50838.0	-1523.4	1076	8.8	52555.9	-1536.0	1166	9.2	54046.2	-1520.4
897	8.9	44845.5	-1535.8	987	9.5	50857.3	-1524.0	1077	9.5	52607.0	-1526.3	1167	8.7	54050.6	-1530.3
898	9.9	44846.6	-1539.6	988	9.3	50906.9	-1532.4	1078	9.5	52610.3	-1555.8	1168	7.8	54055.7	-1517.9
899	9.4	44908.0	-1539.0	989	9.1	50940.2	-1530.4	1079	9.7	52611.0	-1520.0	1169	9.1	54102.6	-1552.7
900	10.	44908.9	-1510.3	990	9.5	50941.2	-1515.4	1080	9.0	52654.8	-1557.9	1170	9.5	54115.1	-1512.9
901	9.5	44910.1	-1522.5	991	9.3	50952.4	-1540.0	1081	9.5	52715.7	-1551.1	1171	9.6	54128.1	-1554.2
902	9.8	44917.3	-1525.7	992	10.	50953.1	-1505.5	1082	8.0	52735.5	-1523.3	1172	10.	54140.4	-1543.5
903	7.7	44922.0	-1506.7	993	9.0	51011.2	-1514.9	1083	9.4	52750.9	-1536.1	1173	10.	54218.4	-1522.6
904	7.7	44951.5	-1536.8	994	9.5	51016.3	-1521.1	1084	9.4	52813.1	-1542.8	1174	9.4	54235.5	-1530.0
905	10.	45005.3	-1551.8	995	9.0	51021.1	-1505.7	1085	9.2	52832.6	-1514.5	1175	8.9	54236.9	-1500.4

-15 1176 5h42m

-15 1535 6h44m

1176	9.8	54251.4	-1557.9	1266	9.5	55914.0	-1548.9	1356	9.0	61442.0	-1534.1	1446	8.2	62903.0	-1553.8
1177	9.1	54308.6	-1530.3	1267	9.8	55919.5	-1538.8	1357	9.1	61450.3	-1511.6	1447	9.4	62911.2	-1532.6
1178	9.2	54313.5	-1524.9	1268	9.8	55921.6	-1534.5	1358	8.7	61503.8	-1500.2	1448	8.0	62919.9	-1559.3
1179	9.5	54313.9	-1511.1	1269	8.9	60003.7	-1507.4	1359	9.5	61504.7	-1531.5	1449	9.8	62938.6	-1505.4
1180	9.5	54318.4	-1544.7	1270	9.7	60018.2	-1557.1	1360	9.3	61515.6	-1502.4	1450	9.2	62941.8	-1553.5
1181	9.8	54322.3	-1525.1	1271	9.1	60025.8	-1540.4	1361	7.3	61535.4	-1535.8	1451	10.	62942.6	-1507.5
1182	8.3	54328.1	-1529.5	1272	9.2	60056.3	-1514.8	1362	9.7	61606.6	-1532.8	1452	10.	62952.5	-1505.9
1183	10.	54328.2	-1522.1	1273	9.8	60059.6	-1551.7	1363	9.6	61608.9	-1514.4	1453	9.5	62954.7	-1541.1
1184	9.5	54335.0	-1536.3	1274	9.0	60117.2	-1511.1	1364	9.1	61635.2	-1503.5	1454	8.7	63038.4	-1522.8
1185	8.9	54354.7	-1532.9	1275	7.8	60136.1	-1552.4	1365	9.3	61636.5	-1548.5	1455	9.2	63051.9	-1538.9
1186	9.5	54357.1	-1531.2	1276	10.	60136.9	-1524.3	1366	8.5	61648.6	-1550.0	1456	9.1	63104.3	-1516.5
1187	10.	54437.9	-1544.8	1277	9.0	60142.9	-1524.7	1367	9.8	61704.7	-1509.1	1457	9.8	63106.8	-1554.3
1188	10.	54440.0	-1558.9	1278	9.8	60205.8	-1529.8	1368	9.2	61711.8	-1537.3	1458	9.1	63108.4	-1558.4
1189	10.	54440.5	-1510.9	1279	9.8	60207.7	-1528.7	1369	9.8	61729.3	-1554.5	1459	8.6	63116.2	-1549.1
1190	9.8	54457.1	-1552.5	1280	8.0	60235.8	-1540.7	1370	10.	61732.7	-1544.8	1460	10.	63128.1	-1534.6
1191	9.4	54508.0	-1504.0	1281	9.5	60238.3	-1541.1	1371	9.8	61739.0	-1558.0	1461	9.1	63147.3	-1534.7
1192	10.	54526.2	-1558.6	1282	9.8	60245.9	-1517.9	1372	9.4	61806.3	-1555.4	1462	10.	63203.5	-1501.8
1193	7.3	54529.9	-1532.6	1283	9.4	60253.0	-1500.0	1373	9.0	61808.8	-1534.1	1463	8.5	63223.7	-1550.5
1194	9.5	54538.4	-1501.5	1284	9.5	60254.5	-1501.1	1374	9.9	61809.5	-1542.1	1464	8.7	63251.9	-1559.9
1195	9.5	54538.4	-1516.4	1285	9.2	60255.1	-1505.3	1375	10.	61811.2	-1548.6	1465	10.	63309.1	-1543.1
1196	9.1	54538.4	-1542.0	1286	9.5	60313.7	-1537.6	1376	9.8	61831.1	-1502.2	1466	9.4	63342.5	-1544.0
1197	9.8	54548.5	-1551.2	1287	9.8	60315.3	-1509.1	1377	8.6	61833.2	-1503.7	1467	8.5	63352.0	-1543.5
1198	9.0	54557.6	-1552.8	1288	9.6	60317.1	-1504.9	1378	9.8	61839.9	-1529.3	1468	9.8	63356.7	-1549.7
1199	8.3	54558.5	-1535.1	1289	10.	60324.7	-1529.9	1379	9.6	61851.6	-1532.6	1469	8.5	63358.0	-1552.4
1200	8.6	54605.7	-1530.4	1290	9.5	60335.2	-1516.3	1380	10.	61915.0	-1537.6	1470	9.5	63410.5	-1541.3
1201	8.9	54606.4	-1511.4	1291	9.1	60342.6	-1552.4	1381	9.0	61936.1	-1502.3	1471	10.	63413.6	-1528.7
1202	9.4	54610.8	-1533.7	1292	7.3	60343.2	-1502.0	1382	8.7	61938.1	-1532.9	1472	10.	63414.2	-1522.3
1203	9.1	54622.1	-1506.5	1293	9.7	60356.5	-1508.4	1383	9.6	61940.2	-1527.4	1473	9.1	63420.5	-1501.0
1204	9.3	54633.0	-1532.2	1294	9.5	60409.6	-1554.1	1384	9.5	61944.3	-1530.3	1474	9.5	63422.4	-1537.2
1205	9.5	54639.5	-1502.9	1295	9.6	60417.5	-1534.5	1385	8.8	62004.8	-1526.1	1475	9.6	63428.5	-1541.2
1206	10.	54647.2	-1509.2	1296	9.8	60419.0	-1531.0	1386	9.1	62034.7	-1550.4	1476	9.6	63431.5	-1528.7
1207	9.2	54650.0	-1501.4	1297	9.8	60435.9	-1517.7	1387	8.8	62038.3	-1502.6	1477	9.8	63443.8	-1513.3
1208	8.8	54704.6	-1530.0	1298	9.2	60439.8	-1534.4	1388	8.1	62048.8	-1514.0	1478	7.5	63528.4	-1552.2
1209	9.8	54708.2	-1516.4	1299	7.0	60450.9	-1545.5	1389	9.2	62055.6	-1540.3	1479	7.3	63532.6	-1504.5
1210	10.	54725.3	-1541.6	1300	10.	60500.8	-1513.0	1390	7.7	62104.1	-1513.1	1480	9.8	63544.2	-1511.9
1211	10.	54730.7	-1556.3	1301	9.2	60504.5	-1547.4	1391	9.6	62104.7	-1506.4	1481	7.7	63623.9	-1535.9
1212	7.7	54752.4	-1545.3	1302	9.8	60506.1	-1503.4	1392	9.0	62106.6	-1541.9	1482	9.1	63632.0	-1548.6
1213	9.8	54757.6	-1508.3	1303	9.5	60507.1	-1550.6	1393	10.	62120.6	-1541.4	1483	8.5	63636.6	-1522.1
1214	9.5	54808.7	-1547.5	1304	9.0	60513.8	-1531.4	1394	9.8	62129.7	-1547.0	1484	8.0	63640.5	-1541.6
1215	9.5	54844.6	-1530.0	1305	9.5	60514.6	-1512.1	1395	9.8	62145.0	-1522.9	1485	9.8	63645.0	-1550.7
1216	9.3	54904.7	-1531.1	1306	9.8	60516.9	-1546.0	1396	9.0	62151.9	-1516.9	1486	9.3	63651.1	-1506.5
1217	8.8	54914.2	-1513.0	1307	8.7	60519.6	-1536.7	1397	9.5	62220.5	-1537.7	1487	10.	63708.4	-1535.9
1218	9.3	54917.6	-1554.0	1308	9.0	60627.8	-1511.2	1398	9.5	62223.8	-1526.4	1488	10.	63710.8	-1531.1
1219	8.5	54927.2	-1555.9	1309	9.0	60631.2	-1555.1	1399	9.0	62229.2	-1546.2	1489	7.8	63710.8	-1554.1
1220	9.0	54932.5	-1526.8	1310	9.8	60634.6	-1504.7	1400	9.2	62256.7	-1508.3	1490	9.6	63721.1	-1555.9
1221	8.3	54937.8	-1532.5	1311	8.8	60635.4	-1527.4	1401	9.6	62301.5	-1526.0	1491	10.	63744.2	-1516.0
1222	9.9	54939.6	-1500.9	1312	9.1	60637.1	-1522.9	1402	9.1	62302.1	-1501.0	1492	10.	63756.9	-1527.0
1223	9.9	55012.1	-1529.0	1313	9.2	60650.9	-1506.5	1403	9.1	62319.2	-1505.3	1493	9.3	63807.0	-1506.9
1224	9.7	55026.8	-1534.6	1314	7.5	60652.0	-1521.0	1404	9.3	62321.2	-1559.8	1494	9.6	63813.3	-1517.8
1225	9.3	55102.4	-1532.5	1315	8.7	60707.6	-1524.9	1405	9.4	62321.6	-1511.3	1495	9.3	63821.7	-1508.0
1226	7.2	55107.3	-1525.7	1316	9.4	60718.2	-1551.1	1406	9.0	62327.0	-1557.8	1496	9.8	63823.6	-1512.7
1227	9.0	55114.4	-1545.6	1317	9.5	60808.0	-1524.5	1407	8.2	62329.1	-1537.6	1497	10.	63832.9	-1514.6
1228	9.2	55120.5	-1534.6	1318	9.2	60828.9	-1545.2	1408	9.4	62347.2	-1540.4	1498	9.7	63834.7	-1501.0
1229	9.0	55123.9	-1544.2	1319	10.	60831.3	-1550.5	1409	9.7	62351.2	-1538.2	1499	9.8	63836.0	-1555.4
1230	8.9	55142.4	-1526.9	1320	8.8	60854.4	-1545.5	1410	8.8	62352.6	-1500.3	1500	9.2	63905.8	-1535.7
1231	8.9	55142.9	-1526.0	1321	9.1	60902.5	-1533.3	1411	9.4	62414.5	-1539.0	1501	9.2	63917.5	-1552.7
1232	9.6	55218.2	-1509.7	1322	9.1	60916.7	-1519.2	1412	9.6	62422.5	-1508.6	1502	9.0	63924.1	-1547.6
1233	10.	55227.2	-1534.8	1323	9.8	60917.6	-1531.0	1413	9.8	62441.5	-1539.7	1503	9.8	63931.9	-1558.7
1234	9.9	55228.8	-1542.9	1324	9.3	60926.1	-1547.5	1414	9.8	62504.5	-1531.4	1504	8.6	63934.0	-1526.5
1235	9.3	55250.5	-1546.8	1325	9.1	60928.9	-1520.9	1415	9.2	62508.6	-1532.7	1505	9.5	63945.7	-1539.5
1236	9.0	55302.4	-1522.6	1326	9.5	60954.6	-1537.9	1416	8.2	62526.4	-1522.8	1506	9.6	63955.9	-1525.4
1237	10.	55312.2	-1511.9	1327	9.2	60956.5	-1514.4	1417	9.4	62543.5	-1549.6	1507	9.0	64004.8	-1556.7
1238	8.0	55315.5	-1548.7	1328	8.5	61016.7	-1504.8	1418	9.8	62553.1	-1516.5	1508	9.2	64023.7	-1514.4
1239	8.8	55330.1	-1504.5	1329	9.7	61018.6	-1524.8	1419	10.	62554.4	-1500.8	1509	9.8	64028.4	-1504.7
1240	10.	55355.4	-1520.8	1330	9.8	61024.9	-1524.7	1420	9.8	62554.4	-1527.5	1510	9.8	64041.6	-1507.1
1241	9.8	55356.4	-1530.2	1331	9.5	61032.0	-1550.0	1421	9.6	62559.8	-1532.1	1511	7.5	64043.3	-1554.7
1242	8.5	55414.5	-1500.9	1332	9.8	61036.0	-1544.7	1422	9.4	62608.1	-1534.3	1512	9.5	64051.1	-1528.5
1243	9.0	55423.6	-1543.5	1333	9.8	61057.3	-1536.0	1423	8.0	62609.6	-1543.7	1513	9.1	64056.0	-1543.7
1244	9.2	55424.3	-1538.1	1334	9.4	61103.1	-1532.3	1424	10.	62626.7	-1544.5	1514	9.5	64057.7	-1529.4
1245	10.	55443.9	-1518.8	1335	8.6	61104.6	-1524.3	1425	9.8	62634.6	-1544.5	1515	9.8	64117.0	-1530.0
1246	9.8	55451.2	-1538.2	1336	9.8	61115.3	-1558.8	1426	9.7	62640.7	-1510.4	1516	9.4	64120.9	-1513.6
1247	9.4	55451.6	-1527.0	1337	9.0	61146.6	-1545.4	1427	8.8	62651.4	-1525.9	1517	9.8	64131.2	-1551.7
1248	8.7	55458.1	-1532.3	1338	9.1	61157.9	-1519.4	1428	9.4	62704.0	-1533.8	1518	9.7	64148.4	-1528.9
1249	7.2	55507.5	-1535.4	1339	10.	61211.8	-1551.5	1429	9.4	62715.4	-1508.7	1519	8.3	64148.8	-1510.1
1250	9.5	55508.1	-1558.4	1340	9.8	61217.0	-1520.0	1430	9.5	62716.4	-1539.1	1520	10.	64204.9	-1525.0
1251	9.6	55530.1	-1552.2	1341	9.4	61223.2	-1503.0	1431	9.0	62737.1	-1527.7	1521	9.1	64216.3	-1516.8
1252	9.1	55534.0	-1513.1	1342	9.0	61227.0	-1520.7	1432	7.7	62749.8	-1554.0	1522	9.5	64236.7	-1513.3
1253	9.1	55543.3	-1542.1	1343	9.8	61252.5	-1524.0	1433	8.7	62801.9	-1554.8	1523	8.8	64247.3	-1544.8
1254	10.	55553.2	-1510.9	1344	9.9	61253.9	-1559.9	1434	10.	62802.8	-1538.9	1524	9.4	64305.3	-1521.6
1255	9.7	55610.3	-1526.4	1345	9.6	61311.5	-1549.2	1435	9.3	62809.4	-1520.8	1525	9.3	64311.1	-1548.4
1256	9.8	55612.4	-1546.5	1346	8.9	61316.0	-1500.7	1436	9.8	62816.6	-1543.1	1526	10.	64313.1	-1547.3
1257	9.3	55613.8	-1516.2	1347	9.3	61320.6	-1529.8	1437	8.8	62817.9	-1555.0	1527	9.8	64316.2	-1554.5
1258	9.2	55635.4	-1544.5	1348	10.	61334.7	-1550.4	1438	9.0	62822.2	-1513.1	1528	9.6	64320.0	-1541.8
1259	9.5	55726.7	-1556.1	1349	9.8	61338.0	-1521.0	1439	9.9	62826.4	-1554.3	1529	10.	64323.9	-1542.4
1260	9.6	55731.2	-1505.5	1350	9.3	61338.4	-1557.2	1440	9.5	62843.0	-1525.0	1530	10.	64327.3	-1543.9
1261	8.4	55734.8	-1540.3	1351	10.	61344.8	-1515.2	1441	9.3	62845.7	-1508.8	1531	9.8	64329.2	-1517.6
1262	9.8	55735.5	-1549.9	1352	9.2	61404.4	-1532.7	1442	9.5	62850.6	-1548.2	1532	9.4	64344.8	-1552.0
1263	9.8	55749.1	-1542.0	1353	8.5	61413.7	-1550.8	1443	9.2	62855.8	-1553.5	1533	8.1	64352.9	-1552.0
1264	9.4	55801.7	-1508.5	1354	10.	61418.2	-1547.2	1444	9.0	62901.4	-1508.8	1534	9.2	64357.1	-1547.5
1265	8.8	55831.8	-1525.3	1355	9.9	61438.1	-1501.8	1445	9.2	62901.7	-1511.3	1535	9.8	64404.4	-1531.4

-15 1536 6h44m

-15 1895 7h26m

1536	9.8	64413.2	-1516.5	1626	8.9	65713.3	-1504.8	1716	9.8	70753.5	-1543.5	1806	9.5	71753.1	-1511.7
1537	9.3	64415.3	-1522.5	1627	10.	65714.1	-1505.5	1717	9.8	70756.4	-1537.5	1807	9.7	71756.6	-1529.6
1538	9.4	64417.8	-1524.1	1628	9.5	65735.8	-1539.2	1718	9.0	70758.2	-1514.0	1808	9.7	71757.2	-1521.7
1539	9.8	64426.6	-1544.3	1629	8.5	65736.9	-1506.6	1719	9.3	70759.4	-1540.4	1809	9.5	71801.8	-1536.9
1540	9.8	64427.4	-1549.7	1630	10.	65742.5	-1517.4	1720	7.5	70813.1	-1513.7	1810	5.8	71806.7	-1555.0
1541	9.4	64437.2	-1514.5	1631	9.8	65807.0	-1545.5	1721	9.1	70818.9	-1553.6	1811	9.1	71819.3	-1543.6
1542	9.4	64454.8	-1537.1	1632	9.8	65817.2	-1556.5	1722	9.6	70819.2	-1547.0	1812	9.7	71822.9	-1500.1
1543	9.0	64504.9	-1539.8	1633	10.	65821.0	-1548.6	1723	9.3	70829.0	-1500.9	1813	9.8	71832.5	-1504.1
1544	9.6	64512.8	-1531.3	1634	9.8	65822.3	-1507.0	1724	9.5	70833.3	-1506.1	1814	9.3	71834.7	-1530.8
1545	9.0	64535.0	-1506.3	1635	9.1	65823.4	-1521.0	1725	10.	70840.6	-1547.0	1815	9.0	71835.4	-1540.2
1546	8.6	64538.4	-1502.3	1636	8.8	65824.5	-1510.7	1726	10.	70844.7	-1556.1	1816	9.5	71854.6	-1519.8
1547	9.6	64555.7	-1535.0	1637	8.7	65834.5	-1539.3	1727	9.4	70846.5	-1544.3	1817	9.5	71909.8	-1503.9
1548	9.3	64605.7	-1525.9	1638	9.6	65834.7	-1518.7	1728	9.8	70854.5	-1546.0	1818	9.2	71923.7	-1522.9
1549	9.4	64621.0	-1544.4	1639	9.6	65848.4	-1529.1	1729	9.5	70900.0	-1515.5	1819	10.	71924.7	-1544.1
1550	9.3	64642.2	-1517.9	1640	9.0	65857.5	-1520.2	1730	9.8	70906.6	-1532.0	1820	7.2	71928.6	-1522.6
1551	9.5	64712.7	-1526.4	1641	10.	65902.0	-1520.9	1731	9.8	70913.3	-1514.2	1821	9.8	71944.5	-1515.0
1552	9.6	64713.8	-1517.5	1642	9.1	65909.3	-1525.2	1732	6.8	70924.0	-1558.7	1822	9.3	71951.2	-1529.1
1553	9.2	64721.7	-1552.8	1643	9.0	65928.8	-1550.3	1733	9.5	70937.6	-1557.2	1823	9.0	72004.2	-1538.3
1554	9.6	64732.4	-1537.5	1644	9.5	65934.1	-1552.7	1734	6.0	70940.4	-1519.8	1824	9.2	72005.1	-1518.6
1555	9.5	64739.3	-1536.8	1645	9.8	65939.0	-1512.5	1735	10.	70947.7	-1533.4	1825	8.3	72013.9	-1536.5
1556	9.1	64740.5	-1525.1	1646	9.3	65942.0	-1538.7	1736	9.2	71002.1	-1543.0	1826	9.0	72023.0	-1552.2
1557	9.8	64758.4	-1503.4	1647	9.7	65956.3	-1520.9	1737	9.8	71007.8	-1516.3	1827	9.7	72032.7	-1558.9
1558	9.3	64810.2	-1516.3	1648	9.8	65957.8	-1523.4	1738	9.5	71013.9	-1549.7	1828	10.	72034.1	-1546.7
1559	9.8	64830.4	-1503.8	1649	9.9	70001.5	-1550.5	1739	9.7	71028.9	-1518.0	1829	9.8	72036.3	-1516.8
1560	7.7	64839.1	-1531.4	1650	9.8	70010.4	-1526.6	1740	9.8	71033.6	-1518.0	1830	9.3	72036.8	-1547.5
1561	9.8	64841.6	-1512.1	1651	9.1	70029.3	-1500.5	1741	10.	71050.0	-1552.7	1831	10.	72038.7	-1526.5
1562	9.5	64905.6	-1529.2	1652	9.3	70050.2	-1558.4	1742	9.6	71106.7	-1522.4	1832	9.1	72054.0	-1513.0
1563	9.5	64917.3	-1556.2	1653	9.4	70050.0	-1510.3	1743	20.0	71110.0	-1523.5	1833	9.4	72054.5	-1526.9
1564	9.0	64924.1	-1534.0	1654	8.7	70102.1	-1502.5	1744	9.6	71118.3	-1500.4	1834	9.4	72056.7	-1557.6
1565	9.0	64925.0	-1547.1	1655	9.1	70104.9	-1511.4	1745	9.5	71124.0	-1555.3	1835	9.3	72108.8	-1525.9
1566	9.8	64931.4	-1540.5	1656	10.	70112.5	-1511.8	1746	9.0	71127.7	-1508.8	1836	9.5	72115.2	-1549.6
1567	8.9	64934.2	-1515.1	1657	7.5	70118.8	-1528.6	1747	9.8	71127.9	-1531.0	1837	8.9	72116.8	-1548.1
1568	9.4	64952.7	-1500.0	1658	9.2	70123.4	-1507.1	1748	8.7	71135.2	-1522.0	1838	9.5	72117.6	-1545.8
1569	9.3	64957.3	-1500.4	1659	9.0	70130.8	-1539.0	1749	9.6	71147.0	-1511.0	1839	9.0	72119.2	-1505.7
1570	9.0	65014.6	-1511.6	1660	9.8	70132.7	-1555.2	1750	9.8	71147.9	-1516.0	1840	9.6	72126.2	-1550.8
1571	9.8	65025.0	-1547.2	1661	9.6	70141.4	-1557.0	1751	9.6	71159.7	-1543.1	1841	9.4	72132.1	-1557.8
1572	9.8	65025.9	-1549.5	1662	9.0	70144.3	-1527.1	1752	10.	71208.3	-1531.6	1842	9.6	72136.5	-1534.5
1573	8.3	65037.3	-1533.4	1663	9.0	70159.1	-1552.8	1753	8.9	71210.8	-1512.1	1843	9.2	72145.6	-1541.5
1574	9.8	65040.3	-1523.2	1664	8.3	70214.4	-1542.5	1754	9.6	71214.8	-1538.2	1844	9.4	72152.5	-1515.7
1575	9.5	65044.5	-1542.5	1665	9.5	70237.8	-1550.2	1755	9.8	71219.9	-1506.5	1845	9.8	72203.2	-1504.2
1576	9.4	65100.3	-1531.7	1666	9.0	70238.5	-1555.6	1756	9.8	71219.9	-1504.6	1846	10.	72208.7	-1524.7
1577	9.4	65101.5	-1542.5	1667	9.8	70240.0	-1550.8	1757	9.8	71229.0	-1522.5	1847	9.4	72213.3	-1504.3
1578	10.	65131.0	-1532.1	1668	9.5	70247.7	-1532.6	1758	8.9	71231.1	-1540.2	1848	9.6	72217.2	-1544.3
1579	9.4	65132.2	-1534.3	1669	9.1	70249.5	-1527.7	1759	9.8	71231.2	-1546.3	1849	9.4	72220.2	-1545.0
1580	9.7	65132.7	-1542.8	1670	9.6	70300.1	-1507.4	1760	9.5	71232.7	-1518.1	1850	10.	72228.2	-1508.0
1581	7.5	65152.7	-1551.6	1671	7.2	70300.3	-1509.6	1761	9.2	71232.8	-1501.7	1851	8.7	72239.3	-1551.1
1582	9.6	65203.9	-1502.8	1672	9.1	70305.4	-1554.6	1762	9.5	71247.5	-1515.9	1852	10.	72242.8	-1508.7
1583	9.1	65210.4	-1505.2	1673	9.8	70310.0	-1551.0	1763	9.5	71250.3	-1523.5	1853	8.7	72250.6	-1546.0
1584	9.5	65211.9	-1547.7	1674	9.5	70310.5	-1521.3	1764	10.	71250.4	-1548.5	1854	9.7	72251.4	-1537.1
1585	9.5	65230.3	-1502.5	1675	9.3	70317.7	-1521.6	1765	9.8	71251.3	-1543.8	1855	9.5	72258.7	-1506.1
1586	9.6	65234.6	-1525.3	1676	7.0	70320.6	-1551.9	1766	8.0	71300.1	-1537.2	1856	8.4	72301.3	-1558.7
1587	9.3	65241.4	-1504.6	1677	9.0	70323.8	-1551.0	1767	9.5	71306.5	-1536.6	1857	9.3	72307.8	-1506.3
1588	9.8	65245.2	-1557.2	1678	9.2	70327.2	-1521.4	1768	9.0	71311.6	-1515.3	1858	9.1	72316.1	-1526.5
1589	8.8	65248.5	-1547.4	1679	10.	70328.2	-1550.3	1769	9.8	71317.4	-1508.4	1859	9.4	72316.6	-1517.4
1590	9.8	65258.2	-1533.9	1680	9.5	70328.8	-1539.9	1770	9.8	71320.5	-1553.1	1860	9.8	72318.7	-1552.2
1591	9.1	65308.1	-1519.1	1681	7.7	70334.2	-1527.1	1771	9.3	71352.9	-1504.5	1861	9.8	72323.4	-1522.7
1592	9.3	65312.1	-1551.0	1682	9.1	70340.4	-1522.7	1772	9.5	71356.8	-1504.4	1862	8.9	72331.2	-1520.2
1593	8.8	65317.3	-1524.0	1683	9.7	70348.9	-1534.0	1773	9.7	71358.8	-1529.6	1863	9.2	72333.0	-1534.1
1594	8.9	65317.6	-1502.8	1684	8.8	70400.1	-1554.3	1774	9.1	71409.5	-1552.2	1864	9.5	72342.0	-1529.2
1595	9.8	65335.8	-1553.9	1685	10.	70410.6	-1534.3	1775	9.8	71430.4	-1537.5	1865	8.4	72343.9	-1533.1
1596	9.7	65344.9	-1527.6	1686	9.2	70423.8	-1554.5	1776	9.8	71436.9	-1506.3	1866	9.6	72352.1	-1529.6
1597	8.0	65348.9	-1503.4	1687	9.8	70444.8	-1529.2	1777	9.3	71443.5	-1553.0	1867	9.5	72358.2	-1534.1
1598	9.9	65359.6	-1529.9	1688	10.	70447.4	-1531.6	1778	9.0	71504.3	-1511.8	1868	8.2	72404.5	-1541.5
1599	7.2	65404.0	-1511.9	1689	9.0	70455.1	-1553.6	1779	9.4	71508.0	-1552.0	1869	9.0	72412.6	-1508.0
1600	9.8	65409.7	-1533.7	1690	8.2	70516.4	-1508.1	1780	9.0	71508.6	-1514.2	1870	9.8	72423.1	-1545.0
1601	9.6	65413.7	-1555.7	1691	9.8	70517.1	-1551.5	1781	10.	71511.9	-1552.0	1871	9.0	72424.7	-1549.0
1602	8.3	65415.4	-1507.3	1692	10.	70529.7	-1543.7	1782	9.5	71515.8	-1558.3	1872	9.8	72431.3	-1524.1
1603	10.	65421.7	-1553.3	1693	9.5	70531.0	-1546.1	1783	9.1	71537.4	-1525.8	1873	9.1	72433.7	-1503.4
1604	9.6	65429.1	-1558.7	1694	8.9	70540.5	-1527.0	1784	9.5	71542.7	-1525.8	1874	10.	72438.5	-1513.8
1605	9.5	65436.8	-1522.6	1695	8.2	70610.8	-1515.4	1785	9.8	71546.1	-1512.9	1875	8.1	72441.1	-1500.4
1606	9.3	65441.0	-1528.6	1696	9.8	70612.3	-1505.9	1786	8.3	71548.8	-1517.3	1876	10.	72441.2	-1557.5
1607	9.6	65455.9	-1541.8	1697	9.8	70612.6	-1534.7	1787	9.2	71549.5	-1553.5	1877	10.	72451.8	-1507.6
1608	8.2	65517.5	-1511.4	1698	9.0	70614.0	-1558.2	1788	9.4	71555.4	-1509.7	1878	10.	72502.2	-1507.9
1609	9.8	65538.1	-1531.4	1699	8.7	70619.1	-1554.3	1789	9.8	71557.4	-1550.3	1879	9.1	72504.1	-1503.0
1610	9.3	65543.8	-1503.3	1700	9.6	70628.3	-1512.5	1790	10.	71609.0	-1552.1	1880	10.	72506.8	-1500.7
1611	9.5	65545.3	-1526.4	1701	9.6	70637.5	-1506.3	1791	9.4	71613.4	-1550.3	1881	10.	72507.9	-1508.0
1612	9.3	65545.9	-1507.1	1702	9.9	70639.8	-1517.3	1792	9.8	71620.9	-1529.6	1882	9.2	72519.7	-1506.2
1613	9.5	65558.6	-1554.1	1703	9.1	70644.0	-1503.0	1793	9.6	71630.0	-1533.5	1883	9.8	72528.5	-1515.2
1614	9.5	65618.2	-1552.4	1704	9.1	70651.1	-1515.5	1794	9.3	71640.3	-1545.9	1884	8.5	72531.3	-1546.3
1615	9.2	65629.3	-1530.6	1705	9.7	70652.4	-1527.3	1795	10.	71649.7	-1516.2	1885	9.2	72535.0	-1538.3
1616	9.4	65632.1	-1558.3	1706	9.3	70654.0	-1533.7	1796	10.	71654.1	-1516.2	1886	9.6	72541.1	-1547.0
1617	8.0	65633.6	-1548.0	1707	9.2	70700.5	-1515.7	1797	9.5	71654.1	-1505.1	1887	9.6	72543.0	-1547.7
1618	8.8	65633.8	-1558.5	1708	9.7	70709.0	-1515.5	1798	8.9	71656.7	-1526.4	1888	8.7	72554.4	-1509.2
1619	9.1	65636.0	-1534.6	1709	8.7	70722.4	-1522.2	1799	7.9	71715.4	-1535.4	1889	9.8	72602.7	-1501.5
1620	9.1	65644.3	-1503.1	1710	9.6	70727.5	-1514.0	1800	9.8	71717.5	-1555.2	1890	10.	72621.9	-1509.0
1621	10.	65651.5	-1538.1	1711	9.3	70736.9	-1550.0	1801	9.5	71726.5	-1512.6	1891	10.	72630.3	-1505.8
1622	10.	65652.6	-1531.8	1712	9.4	70744.3	-1508.8	1802	9.0	71727.3	-1553.9	1892	8.0	72637.2	-1508.5
1623	9.8	65704.6	-1513.5	1713	9.0	70746.2	-1550.2	1803	9.1	71731.4	-1549.6	1893	9.5	72637.2	-1512.3
1624	9.8	65709.2	-1535.8	1714	8.8	70749.1	-1516.4	1804	9.7	71736.9	-1504.8	1894	9.5	72637.5	-1517.0
1625	4.3	65711.2	-1525.4	1715	9.2	70750.8	-1504.1	1805	9.0	71750.3	-1547.1	1895	9.0	72643.4	-1545.0

1896	10.	72648.4	-1531.9	1986	8.5	73542.4	-1527.0	2076	9.8	74333.7	-1539.0	2166	9.2	75220.6	-1550.4
1897	10.	72656.0	-1555.2	1987	7.0	73544.0	-1543.8	2077	10.	74334.9	-1510.8	2167	9.8	75226.7	-1507.9
1898	9.7	72657.6	-1559.2	1988	10.	73545.2	-1502.4	2078	9.1	74339.6	-1529.4	2168	9.6	75234.8	-1505.8
1899	9.0	72702.9	-1525.3	1989	8.8	73548.6	-1559.8	2079	8.7	74340.4	-1521.9	2169	9.4	75235.9	-1552.7
1900	9.8	72710.0	-1542.5	1990	9.1	73549.6	-1527.1	2080	9.2	74350.2	-1510.1	2170	9.0	75246.5	-1546.5
1901	9.8	72724.4	-1558.9	1991	9.1	73551.7	-1556.6	2081	9.8	74350.5	-1545.0	2171	9.7	75253.4	-1534.6
1902	9.2	72729.3	-1528.3	1992	8.4	73556.4	-1536.7	2082	9.0	74355.6	-1540.3	2172	9.7	75253.7	-1523.3
1903	9.3	72735.3	-1544.5	1993	9.9	73603.9	-1527.6	2083	9.8	74356.1	-1549.2	2173	9.1	75257.4	-1517.2
1904	7.0	72739.7	-1552.7	1994	9.8	73604.6	-1520.6	2084	9.5	74404.1	-1521.0	2174	9.7	75257.7	-1538.7
1905	9.6	72800.3	-1509.2	1995	9.7	73622.3	-1512.9	2085	9.3	74427.1	-1549.0	2175	9.7	75258.4	-1539.4
1906	9.8	72810.8	-1533.8	1996	9.8	73634.9	-1500.4	2086	8.6	74428.1	-1554.6	2176	9.7	75314.1	-1530.0
1907	9.1	72812.0	-1519.9	1997	9.4	73640.3	-1505.5	2087	9.5	74435.8	-1547.9	2177	9.4	75319.1	-1500.3
1908	9.1	72812.5	-1522.0	1998	9.6	73640.7	-1520.9	2088	9.8	74441.6	-1533.5	2178	9.4	75324.4	-1506.6
1909	9.6	72824.2	-1555.6	1999	9.7	73647.9	-1521.8	2089	9.7	74446.5	-1558.8	2179	9.8	75333.5	-1512.9
1910	10.	72830.2	-1503.3	2000	9.5	73656.8	-1543.5	2090	8.2	74448.0	-1530.6	2180	9.1	75334.2	-1547.4
1911	9.8	72834.8	-1551.3	2001	9.6	73659.1	-1531.8	2091	9.0	74449.1	-1546.2	2181	9.5	75341.4	-1532.3
1912	9.5	72840.6	-1518.7	2002	9.5	73708.3	-1534.8	2092	9.0	74449.1	-1504.2	2182	9.7	75343.2	-1525.1
1913	9.2	72844.4	-1511.2	2003	10.	73711.8	-1552.7	2093	8.9	74451.4	-1552.4	2183	9.6	75343.5	-1515.8
1914	7.2	72846.3	-1503.9	2004	9.1	73715.9	-1555.2	2094	9.5	74458.8	-1556.9	2184	10.	75347.6	-1509.0
1915	8.6	72850.1	-1517.6	2005	9.5	73719.5	-1523.1	2095	9.5	74504.5	-1526.3	2185	9.7	75354.3	-1522.2
1916	9.5	72853.8	-1554.0	2006	7.7	73720.7	-1549.8	2096	9.8	74511.4	-1517.2	2186	9.4	75358.1	-1500.9
1917	10.	72903.2	-1535.4	2007	9.3	73731.9	-1557.3	2097	9.8	74527.3	-1548.1	2187	9.7	75404.4	-1539.7
1918	9.7	72908.4	-1554.0	2008	9.1	73735.7	-1553.6	2098	9.5	74533.4	-1535.0	2188	9.8	75408.9	-1556.3
1919	9.5	72910.4	-1549.7	2009	9.9	73742.5	-1548.0	2099	10.	74534.4	-1539.0	2189	9.2	75410.3	-1556.8
1920	9.4	72912.7	-1510.8	2010	8.5	73758.7	-1537.5	2100	9.4	74546.3	-1516.8	2190	7.3	75415.4	-1520.6
1921	9.5	72915.9	-1540.5	2011	9.1	73800.7	-1525.8	2101	8.8	74550.8	-1504.3	2191	10.	75421.7	-1521.8
1922	9.8	72918.6	-1503.0	2012	9.6	73805.0	-1512.3	2102	7.8	74559.2	-1503.3	2192	9.2	75431.0	-1535.1
1923	9.4	72928.1	-1504.0	2013	9.8	73806.2	-1534.3	2103	9.8	74603.9	-1518.4	2193	9.6	75438.6	-1553.5
1924	10.	72933.4	-1521.2	2014	8.1	73817.1	-1546.5	2104	9.6	74608.3	-1514.0	2194	9.7	75445.5	-1507.2
1925	10.	72940.8	-1512.3	2015	8.7	73819.9	-1521.3	2105	8.6	74614.8	-1506.0	2195	9.7	75450.9	-1508.5
1926	8.3	72947.2	-1557.4	2016	9.8	73823.3	-1519.5	2106	9.6	74620.4	-1515.2	2196	9.6	75456.8	-1543.9
1927	9.7	72948.3	-1532.1	2017	8.8	73823.9	-1557.2	2107	9.5	74623.2	-1546.0	2197	9.5	75502.2	-1522.8
1928	9.2	72952.2	-1546.0	2018	9.4	73827.1	-1512.8	2108	9.0	74635.1	-1504.4	2198	9.7	75507.0	-1556.6
1929	9.5	73003.3	-1545.1	2019	9.5	73845.0	-1537.0	2109	9.3	74637.8	-1519.2	2199	9.8	75510.1	-1513.7
1930	9.0	73007.7	-1542.0	2020	9.1	73846.9	-1537.9	2110	8.2	74642.4	-1529.4	2200	10.	75511.6	-1549.1
1931	9.1	73011.4	-1536.4	2021	9.3	73847.1	-1547.3	2111	10.	74648.0	-1507.4	2201	8.0	75514.4	-1511.9
1932	9.1	73017.2	-1507.5	2022	9.5	73850.8	-1551.8	2112	9.4	74659.7	-1517.2	2202	9.5	75514.4	-1551.6
1933	9.8	73023.8	-1544.0	2023	8.6	73855.3	-1505.7	2113	10.	74659.8	-1533.7	2203	9.3	75529.6	-1501.5
1934	9.4	73027.1	-1500.0	2024	9.4	73902.3	-1529.5	2114	9.0	74708.3	-1547.1	2204	9.4	75533.3	-1552.0
1935	9.8	73030.1	-1555.6	2025	9.5	73908.9	-1525.9	2115	9.6	74717.9	-1555.0	2205	9.5	75535.4	-1511.9
1936	9.4	73032.5	-1507.8	2026	9.8	73911.1	-1545.5	2116	9.5	74721.5	-1511.1	2206	9.4	75544.1	-1510.7
1937	9.4	73033.5	-1508.7	2027	9.7	73913.6	-1559.9	2117	9.6	74726.2	-1548.2	2207	9.4	75549.8	-1512.3
1938	9.4	73047.0	-1512.6	2028	9.0	73922.6	-1530.5	2118	9.8	74732.2	-1543.8	2208	9.7	75551.1	-1555.6
1939	9.0	73049.8	-1543.7	2029	9.8	73927.6	-1504.9	2119	9.2	74735.0	-1516.2	2209	9.5	75552.1	-1523.3
1940	8.6	73052.7	-1545.1	2030	10.	73929.7	-1526.7	2120	9.0	74737.4	-1525.6	2210	9.4	75553.2	-1544.0
1941	8.0	73056.5	-1521.5	2031	9.3	73937.6	-1524.0	2121	9.6	74739.5	-1559.4	2211	8.7	75558.1	-1502.4
1942	9.3	73057.7	-1516.9	2032	9.4	73939.0	-1535.5	2122	9.4	74741.7	-1553.7	2212	9.7	75601.4	-1517.0
1943	10.	73102.2	-1507.5	2033	9.5	73942.1	-1527.2	2123	9.8	74815.8	-1515.0	2213	9.1	75606.9	-1528.6
1944	10.	73114.2	-1508.5	2034	9.4	73943.7	-1539.7	2124	9.8	74816.1	-1535.0	2214	9.7	75612.7	-1516.6
1945	9.2	73115.3	-1513.0	2035	9.4	73946.8	-1510.6	2125	9.4	74821.5	-1537.3	2215	9.4	75619.9	-1515.9
1946	9.5	73119.7	-1536.7	2036	9.8	73949.2	-1520.5	2126	9.7	74822.1	-1521.5	2216	9.8	75626.5	-1510.7
1947	10.	73127.3	-1551.6	2037	9.6	74003.0	-1559.7	2127	9.0	74833.6	-1513.5	2217	9.5	75629.4	-1525.2
1948	9.4	73129.7	-1535.8	2038	9.8	74011.5	-1558.5	2128	8.5	74847.4	-1532.9	2218	9.5	75630.8	-1556.3
1949	9.7	73130.9	-1520.7	2039	10.	74022.3	-1537.7	2129	9.2	74849.1	-1557.6	2219	9.6	75633.1	-1511.7
1950	7.2	73134.3	-1543.0	2040	10.	74028.5	-1542.1	2130	8.7	74851.7	-1527.8	2220	9.4	75633.2	-1526.3
1951	9.5	73135.2	-1507.8	2041	9.5	74029.2	-1500.2	2131	9.5	74855.9	-1528.8	2221	9.5	75635.5	-1504.2
1952	9.8	73143.0	-1513.6	2042	9.8	74034.0	-1505.6	2132	8.9	74856.8	-1501.9	2222	8.8	75637.2	-1553.6
1953	9.8	73144.4	-1543.8	2043	8.3	74034.0	-1517.7	2133	7.1	74858.2	-1511.6	2223	9.0	75644.4	-1552.7
1954	9.9	73145.7	-1534.5	2044	9.7	74044.1	-1527.7	2134	9.1	74906.9	-1516.3	2224	9.5	75645.6	-1540.7
1955	9.8	73222.2	-1519.4	2045	9.3	74044.8	-1558.5	2135	9.8	74925.3	-1509.4	2225	9.4	75652.2	-1516.4
1956	9.5	73225.4	-1556.9	2046	9.4	74050.8	-1548.5	2136	9.5	74925.8	-1520.8	2226	9.4	75659.7	-1554.8
1957	9.8	73235.8	-1511.3	2047	9.7	74052.7	-1535.5	2137	8.5	74927.2	-1530.5	2227	10.	75702.0	-1514.7
1958	8.8	73236.5	-1513.7	2048	9.6	74053.3	-1516.8	2138	9.5	74931.2	-1548.4	2228	10.	75704.0	-1538.8
1959	9.3	73238.6	-1520.9	2049	6.2	74102.0	-1537.8	2139	9.2	74931.4	-1533.2	2229	9.3	75708.9	-1526.8
1960	9.4	73241.0	-1556.7	2050	9.0	74102.4	-1500.2	2140	9.2	74935.1	-1537.4	2230	8.5	75711.3	-1528.2
1961	8.0	73244.8	-1559.3	2051	9.3	74104.0	-1543.1	2141	9.8	74936.4	-1525.3	2231	9.7	75716.8	-1555.5
1962	9.2	73246.0	-1534.6	2052	6.7	74108.7	-1539.5	2142	9.7	74936.5	-1529.3	2232	8.1	75719.5	-1556.0
1963	9.4	73247.7	-1509.1	2053	10.	74134.4	-1548.4	2143	7.2	74952.8	-1508.2	2233	7.8	75721.9	-1516.1
1964	9.8	73257.5	-1556.0	2054	8.7	74141.3	-1512.2	2144	8.9	75002.4	-1543.7	2234	9.8	75730.0	-1539.9
1965	8.2	73300.0	-1541.9	2055	10.	74142.2	-1543.4	2145	9.8	75013.0	-1514.6	2235	9.8	75733.9	-1558.5
1966	7.5	73307.1	-1530.0	2056	8.2	74143.4	-1530.7	2146	9.7	75014.9	-1546.4	2236	9.1	75734.5	-1515.0
1967	9.2	73322.6	-1507.8	2057	9.8	74152.0	-1530.7	2147	9.4	75022.2	-1529.9	2237	9.0	75751.9	-1522.8
1968	9.6	73337.0	-1548.2	2058	9.7	74154.4	-1526.5	2148	8.7	75031.2	-1538.9	2238	9.2	75754.3	-1527.8
1969	9.4	73340.0	-1532.0	2059	8.9	74155.7	-1512.5	2149	9.8	75046.1	-1516.3	2239	9.7	75801.5	-1519.6
1970	9.7	73350.7	-1507.8	2060	9.2	74155.9	-1558.7	2150	9.4	75054.1	-1505.9	2240	8.7	75801.7	-1533.6
1971	10.	73401.9	-1522.7	2061	9.6	74202.3	-1528.9	2151	9.1	75100.4	-1554.2	2241	8.2	75823.0	-1530.7
1972	9.5	73406.3	-1549.7	2062	9.0	74202.8	-1554.5	2152	9.1	75101.5	-1555.2	2242	9.5	75826.7	-1551.2
1973	9.4	73409.0	-1549.1	2063	9.7	74213.1	-1554.1	2153	9.2	75102.5	-1542.7	2243	8.3	75836.9	-1512.5
1974	9.3	73427.8	-1531.5	2064	10.	74217.4	-1559.1	2154	10.	75108.8	-1522.9	2244	9.4	75838.7	-1528.3
1975	9.4	73433.5	-1557.1	2065	9.9	74220.3	-1549.2	2155	9.5	75109.7	-1528.5	2245	9.8	75840.8	-1551.8
1976	9.3	73433.9	-1523.8	2066	9.4	74227.2	-1558.2	2156	9.8	75129.6	-1550.7	2246	9.4	75848.6	-1502.5
1977	9.8	73445.1	-1539.0	2067	9.9	74229.3	-1544.4	2157	9.0	75146.2	-1521.4	2247	9.7	75853.8	-1547.9
1978	9.0	73453.6	-1532.2	2068	8.5	74236.4	-1558.6	2158	9.4	75147.3	-1539.7	2248	9.5	75858.6	-1535.1
1979	9.3	73453.8	-1512.2	2069	9.1	74239.7	-1538.4	2159	9.3	75149.8	-1503.9	2249	9.3	75901.1	-1551.2
1980	9.8	73458.5	-1550.8	2070	9.8	74253.0	-1553.7	2160	10.	75155.3	-1518.3	2250	9.0	75908.0	-1557.2
1981	8.8	73502.2	-1557.7	2071	9.5	74254.6	-1535.0	2161	7.5	75204.0	-1515.8	2251	9.4	75910.3	-1525.9
1982	10.	73516.2	-1529.8	2072	9.4	74300.4	-1513.4	2162	9.2	75207.3	-1543.8	2252	9.2	75913.8	-1553.0
1983	9.8	73521.2	-1508.9	2073	9.7	74306.4	-1517.8	2163	10.	75215.6	-1509.3	2253	7.8	75916.9	-1559.4
1984	9.4	73533.4	-1500.6	2074	9.5	74316.3	-1522.6	2164	10.	75215.9	-1556.9	2254	9.4	75947.1	-1551.5
1985	9.8	73538.5	-1511.0	2075	8.7	74323.2	-1502.8	2165	9.3	75217.7	-1545.5	2255	9.2	75949.5	-1524.5

-15 2256 7h59m

2256	9.4	75949.8	-1553.5	2346	9.7	80855.5	-1509.9	2436	8.5	81959.1	-1525.2	2526	8.2	83109.5	-1502.5
2257	9.5	75958.7	-1500.7	2347	9.5	80857.0	-1554.4	2437	9.4	82000.8	-1544.9	2527	9.8	83117.2	-1551.3
2258	8.8	80004.0	-1531.2	2348	10.	80901.7	-1542.3	2438	8.6	82005.8	-1506.6	2528	9.4	83119.3	-1531.8
2259	9.7	80013.1	-1519.8	2349	9.9	80902.0	-1553.0	2439	8.9	82006.9	-1535.4	2529	9.5	83123.1	-1534.1
2260	9.2	80014.1	-1539.5	2350	9.8	80928.0	-1500.7	2440	9.2	82015.1	-1500.9	2530	9.4	83123.8	-1504.2
2261	7.8	80015.9	-1523.3	2351	7.1	80931.2	-1514.6	2441	7.4	82022.7	-1510.5	2531	9.4	83138.4	-1535.2
2262	9.1	80025.1	-1553.8	2352	9.9	80936.6	-1522.2	2442	9.3	82037.3	-1552.9	2532	9.3	83144.1	-1550.0
2263	9.8	80052.2	-1508.9	2353	9.8	80937.1	-1537.2	2443	9.1	82043.4	-1548.5	2533	9.2	83149.0	-1535.7
2264	9.7	80053.9	-1548.8	2354	9.6	80944.7	-1557.5	2444	9.5	82047.5	-1510.2	2534	9.2	83207.3	-1531.4
2265	9.7	80108.1	-1520.1	2355	9.7	80946.8	-1510.3	2445	8.6	82054.6	-1529.1	2535	9.0	83218.2	-1552.6
2266	9.8	80112.6	-1505.5	2356	7.7	80950.0	-1552.6	2446	8.3	82057.7	-1549.0	2536	9.6	83223.7	-1553.4
2267	9.8	80118.9	-1526.9	2357	8.7	81013.3	-1547.5	2447	10.	82112.5	-1500.3	2537	9.5	83224.0	-1504.2
2268	9.4	80124.3	-1542.6	2358	9.5	81027.2	-1508.8	2448	9.7	82114.5	-1502.9	2538	7.8	83228.0	-1531.4
2269	9.2	80129.8	-1549.9	2359	10.	81028.8	-1538.9	2449	9.8	82136.9	-1528.9	2539	9.5	83228.2	-1520.5
2270	9.8	80134.1	-1555.4	2360	10.	81039.4	-1542.4	2450	9.8	82138.6	-1523.5	2540	9.6	83228.6	-1521.6
2271	8.3	80205.1	-1516.2	2361	9.8	81041.5	-1537.8	2451	9.3	82201.1	-1529.1	2541	9.1	83254.7	-1500.1
2272	9.3	80210.3	-1540.3	2362	6.3	81044.3	-1550.3	2452	7.6	82207.7	-1535.5	2542	9.4	83306.2	-1553.0
2273	8.8	80211.4	-1553.4	2363	9.5	81054.4	-1514.8	2453	9.5	82211.1	-1520.2	2543	9.4	83309.5	-1517.0
2274	8.5	80216.7	-1533.4	2364	10.	81056.7	-1501.0	2454	8.7	82212.8	-1523.1	2544	9.3	83327.1	-1523.9
2275	9.4	80222.8	-1516.2	2365	8.5	81106.0	-1520.8	2455	8.5	82219.6	-1502.9	2545	9.8	83358.2	-1534.8
2276	10.	80229.5	-1542.9	2366	9.5	81111.9	-1514.4	2456	8.5	82225.8	-1517.5	2546	9.1	83404.7	-1549.2
2277	10.	80230.4	-1540.2	2367	9.7	81113.4	-1536.7	2457	9.7	82228.0	-1556.0	2547	9.0	83405.9	-1532.7
2278	7.3	80236.3	-1508.9	2368	8.6	81127.2	-1527.1	2458	8.9	82254.4	-1531.1	2548	9.6	83406.8	-1520.7
2279	9.9	80243.9	-1529.4	2369	9.0	81129.7	-1538.3	2459	9.4	82302.1	-1513.8	2549	9.2	83413.0	-1549.4
2280	5.6	80249.1	-1549.4	2370	8.8	81136.5	-1502.2	2460	9.7	82309.6	-1502.8	2550	9.8	83413.3	-1539.2
2281	9.8	80255.2	-1531.8	2371	10.	81206.6	-1534.4	2461	9.5	82314.0	-1550.4	2551	9.0	83422.9	-1541.8
2282	9.8	80259.1	-1551.3	2372	9.2	81217.4	-1538.2	2462	9.3	82314.8	-1517.9	2552	10.	83423.7	-1529.5
2283	9.9	80301.3	-1534.2	2373	9.5	81228.9	-1550.3	2463	9.3	82316.0	-1504.1	2553	9.8	83440.8	-1502.7
2284	8.9	80304.5	-1536.0	2374	9.1	81233.0	-1504.4	2464	10.	82335.5	-1535.9	2554	5.4	83459.6	-1525.2
2285	9.8	80312.5	-1509.7	2375	9.8	81233.7	-1539.4	2465	9.8	82341.8	-1556.3	2555	9.7	83459.6	-1511.6
2286	9.5	80313.7	-1516.2	2376	9.3	81237.7	-1511.2	2466	9.7	82348.1	-1522.3	2556	9.4	83501.9	-1539.6
2287	9.9	80319.6	-1556.5	2377	9.8	81245.9	-1552.5	2467	9.7	82355.1	-1513.8	2557	8.9	83534.6	-1531.4
2288	8.7	80323.4	-1516.6	2378	8.0	81257.7	-1503.5	2468	9.8	82356.6	-1552.7	2558	8.4	83555.9	-1528.0
2289	9.3	80323.7	-1517.9	2379	8.7	81306.9	-1550.4	2469	9.8	82357.5	-1537.8	2559	9.0	83601.7	-1513.1
2290	10.	80327.7	-1501.5	2380	10.	81307.6	-1532.5	2470	9.0	82400.6	-1529.9	2560	9.7	83604.9	-1501.4
2291	8.9	80327.7	-1553.4	2381	9.3	81327.7	-1539.5	2471	9.3	82403.8	-1557.2	2561	9.0	83608.5	-1553.6
2292	8.9	80333.7	-1547.4	2382	9.0	81333.8	-1507.6	2472	6.8	82410.8	-1521.1	2562	9.8	83610.4	-1528.4
2293	10.	80345.3	-1545.9	2383	8.5	81342.9	-1549.2	2473	8.8	82415.6	-1508.4	2563	9.4	83622.0	-1516.9
2294	10.	80346.5	-1521.0	2384	9.3	81349.2	-1506.3	2474	9.0	82421.6	-1503.7	2564	9.5	83631.5	-1538.4
2295	9.9	80347.4	-1527.8	2385	9.7	81353.5	-1528.0	2475	8.7	82423.4	-1531.0	2565	9.0	83641.9	-1505.7
2296	9.8	80410.3	-1534.0	2386	9.8	81358.4	-1556.0	2476	8.8	82424.1	-1523.7	2566	9.5	83645.2	-1555.7
2297	9.0	80418.2	-1529.5	2387	9.6	81413.4	-1541.5	2477	8.8	82438.3	-1501.4	2567	9.4	83657.6	-1535.9
2298	10.	80423.0	-1508.3	2388	8.0	81413.4	-1503.5	2478	9.8	82450.0	-1516.6	2568	9.4	83701.3	-1544.5
2299	9.2	80434.1	-1550.7	2389	9.2	81427.4	-1508.3	2479	9.5	82500.2	-1540.3	2569	8.0	83707.0	-1526.1
2300	8.7	80437.4	-1553.1	2390	8.9	81430.5	-1528.1	2480	9.7	82510.7	-1525.4	2570	9.3	83717.5	-1527.4
2301	9.7	80447.4	-1530.8	2391	9.8	81436.3	-1512.8	2481	9.9	82525.0	-1513.2	2571	10.	83721.4	-1521.3
2302	9.8	80449.0	-1517.8	2392	9.4	81449.2	-1543.0	2482	9.4	82532.6	-1537.7	2572	10.	83725.3	-1509.5
2303	9.8	80455.6	-1546.4	2393	9.7	81449.7	-1553.8	2483	9.3	82547.1	-1538.0	2573	9.8	83757.3	-1557.1
2304	9.0	80456.9	-1541.5	2394	9.4	81452.3	-1518.3	2484	10.	82611.4	-1556.2	2574	9.0	83812.2	-1529.9
2305	9.1	80506.1	-1518.9	2395	9.8	81501.3	-1517.6	2485	8.2	82612.5	-1535.8	2575	9.4	83816.9	-1536.9
2306	9.2	80507.9	-1515.2	2396	9.5	81503.1	-1559.9	2486	9.4	82618.2	-1537.5	2576	9.8	83823.1	-1510.2
2307	8.8	80513.0	-1505.8	2397	8.4	81517.0	-1524.3	2487	7.5	82626.2	-1516.4	2577	9.0	83825.5	-1526.6
2308	9.5	80513.2	-1531.6	2398	9.5	81517.8	-1530.0	2488	8.3	82628.4	-1543.8	2578	9.0	83826.6	-1531.8
2309	8.6	80524.6	-1513.4	2399	9.2	81536.1	-1509.2	2489	9.1	82629.7	-1546.9	2579	9.1	83829.5	-1552.0
2310	8.6	80526.5	-1513.7	2400	9.5	81540.5	-1532.6	2490	9.4	82630.7	-1542.5	2580	9.5	83830.3	-1527.5
2311	9.8	80527.8	-1504.0	2401	9.4	81554.0	-1504.1	2491	9.4	82636.5	-1512.0	2581	10.	83901.4	-1537.5
2312	9.8	80531.3	-1540.0	2402	9.8	81556.5	-1510.8	2492	9.3	82644.6	-1545.3	2582	9.2	83917.9	-1532.7
2313	9.5	80538.3	-1521.4	2403	9.8	81558.6	-1551.5	2493	9.8	82649.8	-1500.2	2583	9.2	83924.0	-1546.2
2314	8.8	80543.4	-1506.3	2404	9.7	81602.6	-1559.8	2494	6.3	82651.6	-1536.5	2584	9.5	83924.4	-1502.6
2315	9.1	80551.2	-1532.1	2405	8.8	81603.5	-1527.5	2495	9.3	82654.9	-1504.9	2585	9.2	83930.2	-1503.0
2316	9.2	80602.4	-1512.7	2406	8.4	81612.0	-1540.4	2496	9.3	82707.2	-1544.5	2586	9.5	83931.5	-1515.5
2317	9.5	80602.6	-1528.4	2407	9.3	81613.8	-1510.9	2497	9.3	82709.5	-1507.9	2587	9.2	84003.8	-1501.9
2318	9.5	80609.6	-1542.0	2408	9.9	81615.9	-1505.9	2498	9.8	82711.9	-1519.8	2588	9.5	84005.2	-1516.4
2319	8.9	80613.7	-1547.0	2409	8.7	81622.2	-1556.1	2499	9.8	82712.4	-1509.1	2589	10.	84021.4	-1527.6
2320	9.7	80625.2	-1541.2	2410	9.6	81636.5	-1545.8	2500	9.4	82716.1	-1536.2	2590	9.5	84032.6	-1555.0
2321	9.7	80626.0	-1532.5	2411	9.8	81653.3	-1545.2	2501	9.8	82721.5	-1555.7	2591	8.5	84040.9	-1516.2
2322	9.3	80627.5	-1511.1	2412	9.9	81659.6	-1501.0	2502	9.4	82729.3	-1503.8	2592	10.	84056.6	-1522.5
2323	9.4	80635.4	-1537.8	2413	9.8	81704.3	-1514.7	2503	9.8	82755.3	-1506.6	2593	9.1	84108.3	-1530.2
2324	5.4	80639.9	-1521.3	2414	8.9	81708.7	-1558.7	2504	9.2	82800.4	-1558.5	2594	10.	84122.6	-1531.0
2325	9.8	80645.0	-1540.2	2415	9.7	81717.0	-1506.9	2505	9.3	82800.5	-1537.0	2595	10.	84138.2	-1547.7
2326	9.1	80649.6	-1559.9	2416	9.2	81718.3	-1543.4	2506	9.4	82816.6	-1535.8	2596	9.5	84159.9	-1530.7
2327	9.0	80649.6	-1509.4	2417	8.0	81719.5	-1519.9	2507	9.4	82827.6	-1520.4	2597	7.2	84229.3	-1501.8
2328	9.8	80650.0	-1553.7	2418	9.7	81740.1	-1501.7	2508	9.3	82857.6	-1542.3	2598	9.5	84233.5	-1540.2
2329	9.8	80722.6	-1505.9	2419	8.0	81750.9	-1505.6	2509	9.3	82838.8	-1506.4	2599	9.0	84236.9	-1514.8
2330	10.	80724.3	-1535.5	2420	9.5	81805.3	-1544.4	2510	8.7	82856.7	-1529.7	2600	8.3	84250.9	-1530.2
2331	10.	80726.4	-1529.9	2421	8.6	81808.4	-1548.7	2511	9.5	82901.5	-1542.5	2601	9.5	84254.4	-1513.2
2332	9.1	80733.3	-1513.4	2422	9.2	81821.4	-1528.1	2512	9.4	82919.5	-1521.8	2602	10.	84311.3	-1507.4
2333	8.7	80733.6	-1536.1	2423	9.4	81832.5	-1528.3	2513	9.8	82920.0	-1505.5	2603	10.	84322.0	-1534.4
2334	8.3	80742.2	-1544.7	2424	9.5	81836.2	-1525.6	2514	9.3	82927.1	-1538.0	2604	9.0	84339.7	-1531.6
2335	9.5	80743.8	-1506.9	2425	9.7	81836.5	-1541.1	2515	9.2	82935.2	-1547.9	2605	9.3	84343.6	-1515.7
2336	8.9	80746.2	-1505.8	2426	9.2	81858.0	-1545.0	2516	9.4	82950.3	-1533.7	2606	9.0	84347.8	-1515.9
2337	9.0	80749.1	-1529.2	2427	9.2	81900.7	-1506.0	2517	9.1	82955.7	-1501.2	2607	8.1	84403.6	-1530.9
2338	9.4	80753.5	-1523.2	2428	9.6	81911.7	-1553.0	2518	9.4	83004.5	-1518.7	2608	9.3	84451.8	-1517.1
2339	9.4	80801.7	-1506.7	2429	9.5	81913.8	-1554.7	2519	9.7	83025.4	-1511.0	2609	9.0	84456.6	-1522.3
2340	9.4	80803.5	-1557.4	2430	9.4	81925.4	-1547.1	2520	7.5	83026.5	-1531.3	2610	9.7	84457.5	-1513.6
2341	10.	80814.5	-1520.8	2431	9.7	81927.6	-1522.0	2521	10.	83031.0	-1537.3	2611	9.4	84457.6	-1533.1
2342	9.5	80820.6	-1502.0	2432	8.7	81933.0	-1535.5	2522	9.1	83031.5	-1551.6	2612	9.7	84521.9	-1518.9
2343	8.1	80837.4	-1559.1	2433	10.	81939.1	-1514.1	2523	9.8	83038.8	-1509.3	2613	10.	84522.4	-1505.8
2344	8.9	80847.3	-1541.9	2434	9.5	81942.5	-1558.3	2524	9.1	83049.3	-1534.2	2614	9.4	84532.6	-1559.2
2345	9.5	80852.6	-1506.1	2435	9.8	81950.2	-1501.1	2525	9.0	83108.3	-1528.2	2615	9.5	84544.5	-1512.2

-15 2615 8h45m

-15 2616 8h45m

-15 2975 9h59m

2616	7.8	84549.8 -1512.7	2706	9.5	90101.1 -1528.3	2796	7.7	91951.4 -1549.3	2886	9.3	93707.1 -1550.7
2617	9.2	84554.1 -1502.7	2707	10.	90105.5 -1514.5	2797	9.2	92002.5 -1539.3	2887	9.3	93737.6 -1539.5
2618	10.	84618.9 -1521.9	2708	10.	90105.8 -1500.2	2798	8.5	92008.1 -1552.4	2888	9.5	93738.8 -1558.0
2619	10.	84623.8 -1510.0	2709	9.4	90110.0 -1514.3	2799	7.2	92009.0 -1523.1	2889	10.	93751.1 -1556.7
2620	10.	84626.8 -1515.4	2710	8.7	90124.7 -1554.8	2800	9.7	92012.4 -1548.2	2890	9.0	93756.9 -1532.3
2621	9.1	84634.1 -1556.6	2711	10.	90137.0 -1516.7	2801	9.0	92015.1 -1552.5	2891	9.1	93802.3 -1538.8
2622	9.5	84634.4 -1503.7	2712	6.8	90157.4 -1541.1	2802	10.	92021.9 -1522.5	2892	9.1	93802.6 -1553.1
2623	9.5	84652.7 -1512.6	2713	9.6	90220.8 -1528.8	2803	9.0	92028.0 -1507.9	2893	9.4	93821.1 -1537.6
2624	9.8	84708.5 -1537.4	2714	8.9	90234.2 -1500.6	2804	9.3	92043.6 -1516.0	2894	9.5	93823.6 -1543.0
2625	9.5	84711.3 -1512.0	2715	9.3	90243.1 -1550.8	2805	9.8	92122.7 -1515.6	2895	10.	93828.7 -1523.0
2626	8.2	84711.9 -1502.6	2716	10.	90250.0 -1522.5	2806	9.5	92124.1 -1543.0	2896	9.5	93842.3 -1542.8
2627	9.0	84713.6 -1534.1	2717	9.5	90255.9 -1515.0	2807	8.9	92124.8 -1553.0	2897	9.5	93907.6 -1557.2
2628	9.2	84732.9 -1524.2	2718	9.8	90256.6 -1554.1	2808	9.6	92136.9 -1512.0	2898	8.5	93923.5 -1547.3
2629	9.1	84755.4 -1533.9	2719	9.3	90307.3 -1512.4	2809	8.0	92144.0 -1553.6	2899	9.8	93933.3 -1532.9
2630	9.3	84801.8 -1548.1	2720	10.	90311.2 -1519.8	2810	9.0	92145.5 -1543.1	2900	7.8	93956.1 -1552.9
2631	7.5	84812.5 -1514.2	2721	9.7	90311.9 -1527.4	2811	9.0	92201.3 -1533.7	2901	9.0	94109.0 -1504.0
2632	9.4	84814.2 -1540.0	2722	9.2	90318.5 -1541.3	2812	8.5	92206.4 -1511.3	2902	8.6	94114.7 -1521.6
2633	10.	84818.5 -1558.4	2723	9.9	90336.1 -1556.5	2813	9.3	92214.0 -1550.7	2903	9.6	94122.9 -1506.2
2634	9.7	84820.8 -1518.4	2724	10.	90343.9 -1518.2	2814	9.8	92223.0 -1538.6	2904	10.	94141.5 -1535.6
2635	8.5	84835.4 -1536.0	2725	9.1	90351.5 -1553.1	2815	9.8	92236.3 -1524.7	2905	9.0	94144.0 -1539.4
2636	9.3	84846.2 -1508.6	2726	10.	90354.5 -1544.6	2816	9.2	92236.6 -1533.5	2906	9.0	94144.0 -1525.6
2637	9.7	84856.5 -1504.1	2727	9.5	90435.8 -1508.1	2817	9.1	92313.2 -1501.2	2907	8.5	94152.9 -1546.3
2638	9.6	84857.9 -1508.6	2728	9.0	90514.4 -1533.0	2818	10.	92329.7 -1538.7	2908	9.2	94153.1 -1513.5
2639	10.	84902.4 -1526.0	2729	9.0	90552.3 -1506.3	2819	9.1	92354.4 -1518.4	2909	10.	94222.5 -1529.6
2640	10.	84918.3 -1500.8	2730	10.	90556.8 -1557.5	2820	9.7	92401.5 -1546.5	2910	8.0	94242.0 -1558.1
2641	9.0	84931.1 -1512.6	2731	9.1	90612.7 -1505.9	2821	8.4	92405.5 -1506.2	2911	10.	94246.4 -1528.7
2642	8.5	84933.5 -1536.4	2732	10.	90629.6 -1529.7	2822	9.8	92447.0 -1534.1	2912	9.4	94252.4 -1547.8
2643	10.	84938.5 -1544.1	2733	10.	90637.6 -1505.1	2823	9.8	92506.8 -1554.2	2913	9.8	94255.5 -1558.1
2644	9.5	84944.2 -1535.0	2734	10.	90643.0 -1554.7	2824	9.0	92506.9 -1519.9	2914	10.	94332.4 -1501.4
2645	10.	84952.4 -1548.0	2735	9.4	90643.3 -1513.5	2825	10.	92543.5 -1513.9	2915	9.5	94347.1 -1533.3
2646	10.	85006.5 -1503.0	2736	10.	90648.4 -1533.0	2826	9.2	92544.4 -1537.5	2916	7.7	94404.0 -1512.1
2647	9.8	85031.3 -1522.5	2737	9.0	90706.2 -1509.2	2827	10.	92554.9 -1548.2	2917	9.7	94410.4 -1515.2
2648	9.8	85041.9 -1540.3	2738	10.	90711.0 -1557.1	2828	9.2	92556.0 -1558.4	2918	8.2	94430.4 -1552.8
2649	9.4	85046.6 -1502.7	2739	10.	90724.3 -1516.1	2829	9.4	92621.9 -1501.2	2919	9.8	94441.3 -1534.8
2650	9.6	85050.6 -1507.4	2740	10.	90800.9 -1557.7	2830	9.8	92633.0 -1512.2	2920	6.5	94503.3 -1551.4
2651	9.4	85111.3 -1523.8	2741	9.5	90821.0 -1528.5	2831	9.5	92658.3 -1543.0	2921	8.5	94546.4 -1542.2
2652	9.4	85114.9 -1532.5	2742	9.5	90822.7 -1532.3	2832	9.8	92707.5 -1525.3	2922	10.	94553.4 -1544.0
2653	9.8	85115.1 -1529.5	2743	9.1	90823.1 -1523.1	2833	8.8	92710.4 -1502.7	2923	8.5	94554.5 -1514.1
2654	8.8	85132.0 -1557.3	2744	10.	90823.8 -1516.1	2834	10.	92719.1 -1523.4	2924	9.1	94622.3 -1516.8
2655	9.8	85143.2 -1517.2	2745	9.5	90848.7 -1509.5	2835	9.4	92725.0 -1512.7	2925	8.6	94628.4 -1503.9
2656	6.0	85155.6 -1535.2	2746	9.8	90854.2 -1511.7	2836	9.4	92738.8 -1514.5	2926	9.8	94712.3 -1532.2
2657	9.8	85201.8 -1501.6	2747	9.5	90901.4 -1548.4	2837	7.8	92745.3 -1544.1	2927	9.3	94726.5 -1521.6
2658	7.0	85209.3 -1525.7	2748	9.7	90926.0 -1525.8	2838	9.0	92812.6 -1521.8	2928	9.1	94733.5 -1520.5
2659	7.7	85228.4 -1556.5	2749	9.1	90939.2 -1536.6	2839	9.1	92827.4 -1538.1	2929	7.2	94804.5 -1530.7
2660	9.5	85237.8 -1506.6	2750	9.5	90940.8 -1520.2	2840	9.0	92838.9 -1549.7	2930	10.	94844.8 -1554.4
2661	9.5	85302.6 -1515.4	2751	9.1	91004.1 -1503.6	2841	8.8	92843.6 -1526.2	2931	9.7	94851.9 -1525.2
2662	9.4	85309.3 -1512.1	2752	8.5	91031.8 -1543.4	2842	9.4	92850.5 -1539.0	2932	9.0	94910.7 -1547.0
2663	9.5	85313.7 -1558.9	2753	9.4	91032.9 -1554.5	2843	9.3	92947.9 -1557.3	2933	9.4	94911.8 -1540.1
2664	8.6	85333.6 -1513.1	2754	9.3	91048.8 -1539.2	2844	7.8	93048.8 -1503.2	2934	9.4	94919.4 -1520.3
2665	7.9	85347.7 -1535.5	2755	9.8	91049.2 -1518.1	2845	9.5	93054.7 -1529.0	2935	9.3	94926.6 -1512.8
2666	9.4	85400.6 -1551.7	2756	9.4	91108.7 - 512.8	2846	8.8	93057.2 -1537.5	2936	9.2	94938.3 -1511.5
2667	8.8	85410.5 -1547.0	2757	10.	91133.2 - 513.3	2847	8.7	93104.2 -1535.1	2937	9.2	94956.8 -1513.1
2668	8.9	85417.1 -1535.2	2758	9.9	91205.5 -1520.5	2848	10.	93108.5 -1519.9	2938	8.0	95001.3 -1512.4
2669	9.8	85426.3 -1537.0	2759	9.7	91206.8 -1506.6	2849	9.8	93118.1 -1525.2	2939	9.0	95014.3 -1511.5
2670	9.4	85429.9 -1525.5	2760	10.	91208.8 -1547.0	2850	9.0	93129.3 -1507.2	2940	9.8	95014.8 -1525.5
2671	9.2	85441.6 -1515.4	2761	9.5	91216.9 -1559.2	2851	9.5	93139.3 -1537.3	2941	9.8	95029.2 -1549.1
2672	9.5	85505.7 -1519.9	2762	9.1	91226.6 -1510.5	2852	9.4	93149.3 -1553.0	2942	7.0	95043.1 -1549.7
2673	9.6	85509.3 -1535.9	2763	6.0	91241.7 -1513.6	2853	9.8	93157.2 -1539.5	2943	9.7	95104.4 -1519.4
2674	9.0	85536.2 -1544.4	2764	9.4	91250.8 -1535.6	2854	9.5	93158.5 -1535.7	2944	9.2	95108.0 -1515.5
2675	9.3	85544.6 -1522.0	2765	10.	91308.5 -1504.0	2855	10.	93208.3 -1503.8	2945	9.7	95125.8 -1514.2
2676	9.5	85550.0 -1506.9	2766	9.0	91349.3 -1537.7	2856	9.6	93213.7 -1540.5	2946	10.	95126.2 -1546.2
2677	9.7	85554.2 -1528.7	2767	9.4	91354.2 -1519.4	2857	10.	93224.4 -1524.2	2947	9.4	95128.3 -1512.8
2678	9.0	85555.9 -1505.1	2768	9.2	91415.6 -1518.2	2858	9.4	93230.1 -1523.7	2948	10.	95131.7 -1546.5
2679	9.5	85620.9 -1503.8	2769	8.5	91419.2 -1537.5	2859	9.4	93230.2 -1516.6	2949	7.7	95211.3 -1519.0
2680	10.	85635.3 -1533.3	2770	9.7	91422.8 -1528.2	2860	8.2	93236.9 -1518.5	2950	9.8	95220.1 -1503.4
2681	9.4	85658.6 -1533.4	2771	9.4	91441.8 -1530.8	2861	9.0	93240.2 -1541.8	2951	9.1	95243.5 -1533.2
2682	9.5	85705.3 -1530.4	2772	9.7	91443.8 -1524.9	2862	10.	93306.4 -1517.3	2952	8.5	95252.3 -1535.7
2683	9.5	85710.3 -1533.0	2773	9.5	91522.2 -1544.2	2863	10.	93313.6 -1514.6	2953	10.	95310.2 -1510.4
2684	9.2	85723.8 -1533.2	2774	9.0	91602.3 -1556.0	2864	9.1	93320.3 -1514.8	2954	8.0	95319.9 -1548.4
2685	8.6	85734.1 -1520.7	2775	10.	91623.2 -1522.6	2865	9.4	93323.2 -1554.2	2955	8.7	95325.7 -1536.0
2686	9.2	85804.1 -1521.8	2776	9.3	91624.8 -1539.4	2866	9.8	93324.1 -1529.7	2956	9.5	95328.8 -1522.2
2687	9.2	85810.7 -1554.4	2777	9.7	91632.2 -1541.7	2867	8.3	93324.6 -1541.8	2957	10.	95333.1 -1511.0
2688	9.1	85815.5 -1524.9	2778	8.2	91641.5 -1511.0	2868	9.5	93402.9 -1548.3	2958	9.1	95355.7 -1513.4
2689	9.3	85823.9 -1505.0	2779	9.1	91703.7 -1520.0	2869	9.9	93420.6 -1559.6	2959	9.5	95424.6 -1548.2
2690	9.8	85824.9 -1534.5	2780	8.9	91726.1 -1524.2	2870	9.9	93422.6 -1545.0	2960	9.2	95432.6 -1546.7
2691	9.3	85839.8 -1522.8	2781	9.4	91726.2 -1546.2	2871	9.4	93512.8 -1521.9	2961	10.	95444.0 -1503.9
2692	9.4	85858.6 -1542.7	2782	8.8	91727.4 -1544.3	2872	9.4	93514.7 -1554.0	2962	9.9	95456.1 -1529.3
2693	9.8	85900.2 -1557.0	2783	9.8	91731.6 -1547.9	2873	8.2	93523.5 -1515.7	2963	9.3	95513.6 -1525.2
2694	9.5	85901.7 -1558.5	2784	9.8	91750.3 -1557.4	2874	8.7	93523.8 -1520.1	2964	9.1	95517.9 -1551.4
2695	9.4	85902.6 -1542.0	2785	10.	91755.2 -1543.7	2875	8.7	93534.7 -1512.1	2965	9.9	95520.6 -1507.3
2696	9.9	85912.1 -1518.0	2786	9.3	91757.7 -1550.5	2876	9.3	93536.9 -1521.4	2966	8.3	95531.2 -1518.9
2697	10.	85912.7 -1509.7	2787	7.8	91800.4 -1501.2	2877	9.4	93551.2 -1521.4	2967	9.0	95539.6 -1552.5
2698	8.7	85934.3 -1532.6	2788	8.3	91822.6 -1545.8	2878	10.	93556.8 -1535.9	2968	9.2	95623.5 -1540.2
2699	9.3	85939.2 -1530.5	2789	9.8	91826.5 -1510.4	2879	8.0	93624.6 -1540.3	2969	9.7	95654.0 -1501.2
2700	10.	85949.7 -1512.4	2790	9.1	91831.1 -1517.9	2880	9.8	93626.3 -1518.5	2970	9.1	95715.4 -1535.0
2701	9.6	85956.2 -1535.5	2791	8.5	91839.4 -1528.1	2881	9.1	93629.2 -1558.4	2971	9.4	95734.6 -1550.5
2702	10.	90025.0 -1552.7	2792	9.1	91935.6 -1523.1	2882	10.	93635.6 -1506.8	2972	10.	95855.7 -1533.0
2703	8.8	90026.4 -1505.0	2793	9.7	91942.1 -1533.5	2883	10.	93654.8 -1521.9	2973	10.	95856.0 -1510.5
2704	9.8	90034.9 -1507.8	2794	9.0	91945.9 -1548.7	2884	10.	93700.5 -1507.0	2974	9.8	95856.7 -1546.8
2705	10.	90035.4 -1544.0	2795	9.3	91947.8 -1534.0	2885	9.0	93706.8 -1549.1	2975	9.8	95910.0 -1514.6

-15 2976 9h59m

-15 3335 11h35m

2976	9.3	95930.0	-1527.0	3066	9.1	102153.3	-1524.7	3156	9.6	104622.7	-1522.2	3246	9.8	111305.8	-1502.8
2977	9.5	95930.9	-1545.7	3067	9.1	102206.1	-1502.1	3157	9.9	104629.5	-1522.4	3247	10.	111318.1	-1521.1
2978	9.1	95933.0	-1547.5	3068	9.6	102208.6	-1532.1	3158	10.	104632.6	-1530.5	3248	9.7	111322.8	-1505.5
2979	8.0	95934.5	-1538.3	3069	8.0	102309.7	-1556.3	3159	9.2	104746.0	-1504.0	3249	9.7	111355.2	-1504.8
2980	10.	100006.7	-1508.5	3070	9.5	102334.8	-1532.0	3160	9.5	104757.1	-1540.4	3250	9.8	111440.7	-1501.2
2981	9.5	100021.8	-1502.8	3071	9.6	102410.3	-1502.6	3161	9.4	104806.2	-1527.8	3251	10.	111458.4	-1557.2
2982	9.5	100024.6	-1520.5	3072	9.0	102431.1	-1539.5	3162	8.2	104838.8	-1535.7	3252	10.	111507.0	-1546.2
2983	9.0	100027.1	-1543.7	3073	9.9	102437.8	-1524.2	3163	9.6	104846.8	-1531.5	3253	10.	111511.9	-1540.0
2984	9.1	100027.5	-1509.4	3074	9.5	102443.2	-1507.2	3164	9.1	105004.4	-1550.1	3254	8.7	111516.6	-1534.9
2985	9.1	100039.5	-1558.8	3075	9.5	102507.3	-1520.4	3165	9.5	105004.7	-1505.3	3255	7.7	111527.5	-1522.2
2986	9.3	100048.6	-1528.3	3076	9.4	102534.9	-1531.1	3166	9.9	105006.6	-1557.3	3256	8.0	111550.2	-1548.6
2987	9.8	100055.5	-1511.2	3077	8.6	102559.1	-1504.3	3167	9.1	105018.1	-1504.1	3257	10.	111616.8	-1507.7
2988	9.8	100151.9	-1511.2	3078	9.2	102644.0	-1506.3	3168	9.8	105032.1	-1556.2	3258	10.	111648.5	-1541.0
2989	9.5	100204.3	-1537.9	3079	10.	102706.6	-1526.1	3169	9.8	105119.9	-1551.5	3259	9.5	111655.2	-1507.3
2990	9.5	100209.4	-1544.8	3080	9.0	102744.1	-1511.4	3170	9.4	105123.0	-1539.6	3260	9.3	111657.4	-1553.0
2991	9.5	100213.0	-1518.2	3081	9.7	102807.8	-1525.5	3171	9.8	105139.9	-1537.9	3261	9.5	111727.3	-1517.6
2992	10.	100244.3	-1511.1	3082	9.0	102814.9	-1530.0	3172	9.8	105157.1	-1534.6	3262	10.	111735.4	-1553.2
2993	9.4	100258.8	-1548.5	3083	9.4	102828.0	-1506.1	3173	9.5	105204.7	-1512.7	3263	9.1	111812.4	-1522.4
2994	9.7	100310.0	-1525.8	3084	9.8	102828.3	-1542.2	3174	6.5	105221.1	-1534.5	3264	9.2	111828.4	-1521.2
2995	10.	100334.1	-1553.3	3085	9.5	102905.0	-1504.4	3175	9.5	105257.5	-1528.1	3265	9.4	111910.2	-1548.0
2996	9.8	100404.4	-1557.5	3086	9.8	102911.1	-1512.1	3176	9.8	105306.7	-1521.5	3266	9.2	111930.2	-1537.7
2997	10.	100414.8	-1501.0	3087	6.3	102912.3	-1535.8	3177	9.5	105331.9	-1545.1	3267	9.9	111959.3	-1515.8
2998	9.7	100429.1	-1534.9	3088	8.7	102915.2	-1527.1	3178	7.0	105346.2	-1500.3	3268	9.3	112022.1	-1507.9
2999	9.1	100457.9	-1519.8	3089	9.8	102947.2	-1532.9	3179	9.0	105455.8	-1541.8	3269	9.4	112030.7	-1530.8
3000	8.0	100514.1	-1528.1	3090	9.2	103000.4	-1550.0	3180	9.5	105501.4	-1544.0	3270	8.5	112033.5	-1503.8
3001	8.0	100517.2	-1522.3	3091	9.5	103002.1	-1512.8	3181	8.8	105505.0	-1509.2	3271	10.	112050.1	-1502.7
3002	9.8	100528.4	-1523.7	3092	9.8	103025.3	-1555.1	3182	9.3	105506.1	-1548.5	3272	7.0	112056.3	-1505.2
3003	8.6	100529.3	-1510.2	3093	9.0	103026.0	-1506.8	3183	8.7	105509.9	-1559.0	3273	9.0	112057.6	-1549.1
3004	10.	100538.5	-1534.5	3094	10.	103049.0	-1517.5	3184	9.4	105515.3	-1545.5	3274	9.6	112127.0	-1530.1
3005	9.4	100549.8	-1522.8	3095	9.8	103126.8	-1504.5	3185	9.3	105543.0	-1506.6	3275	7.5	112135.7	-1547.8
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3008	10.	100645.3	-1502.1	3098	9.4	103159.2	-1547.5	3188	9.5	105641.9	-1506.0	3278	9.3	112215.1	-1557.6
3009	9.5	100645.7	-1551.5	3099	8.9	103224.8	-1559.1	3189	8.3	105733.7	-1528.5	3279	10.	112227.8	-1520.4
3010	9.1	100713.2	-1552.5	3100	10.	103233.3	-1552.9	3190	9.1	105813.8	-1504.0	3280	9.8	112236.2	-1539.5
3011	10.	100734.1	-1525.5	3101	8.7	103253.7	-1534.2	3191	9.0	105818.3	-1556.5	3281	10.	112256.7	-1510.6
3012	9.8	100809.6	-1546.2	3102	9.6	103257.5	-1516.2	3192	8.8	105837.5	-1529.7	3282	9.3	112258.6	-1531.1
3013	9.1	100811.8	-1512.4	3103	8.2	103303.1	-1537.0	3193	9.1	105851.6	-1515.9	3283	9.1	112259.4	-1538.8
3014	10.	100829.1	-1504.7	3104	9.4	103312.8	-1500.8	3194	8.9	105858.0	-1512.1	3284	9.8	112312.5	-1504.9
3015	9.7	100835.2	-1547.5	3105	9.7	103339.1	-1532.4	3195	9.3	105907.8	-1543.6	3285	9.4	112408.6	-1533.0
3016	9.8	100846.1	-1539.5	3106	8.6	103345.3	-1501.2	3196	7.7	105913.7	-1544.9	3286	9.1	112415.8	-1525.1
3017	9.7	100905.2	-1533.6	3107	9.4	103355.2	-1501.9	3197	8.8	105926.5	-1502.9	3287	10.	112420.0	-1553.0
3018	7.3	100915.9	-1525.1	3108	9.5	103407.1	-1549.4	3198	10.	105931.6	-1503.9	3288	9.6	112457.8	-1530.8
3019	10.	100936.1	-1506.2	3109	9.8	103426.2	-1551.6	3199	9.2	105947.9	-1542.6	3289	10.	112503.4	-1501.8
3020	9.1	100937.7	-1508.7	3110	9.2	103443.6	-1545.4	3200	10.	110008.6	-1520.3	3290	9.3	112521.1	-1548.9
3021	9.0	100939.4	-1530.9	3111	8.3	103501.9	-1520.0	3201	9.2	110010.9	-1527.0	3291	8.4	112525.3	-1549.6
3022	9.5	101001.0	-1535.7	3112	10.	103535.4	-1518.9	3202	9.8	110030.0	-1545.8	3292	10.	112534.1	-1517.5
3023	9.8	101018.3	-1519.0	3113	10.	103539.1	-1519.4	3203	8.7	110039.4	-1515.0	3293	9.1	112536.2	-1555.1
3024	10.	101041.2	-1525.1	3114	8.9	103611.6	-1556.0	3204	9.5	110057.7	-1522.9	3294	9.8	112549.0	-1508.9
3025	9.8	101057.6	-1507.5	3115	9.0	103614.5	-1524.9	3205	10.	110101.0	-1557.1	3295	6.2	112555.8	-1528.7
3026	9.3	101222.7	-1521.3	3116	8.7	103625.0	-1553.8	3206	7.9	110103.8	-1510.6	3296	9.1	112621.5	-1531.8
3027	9.6	101231.5	-1530.8	3117	10.	103635.9	-1521.3	3207	9.8	110146.4	-1525.9	3297	6.8	112645.5	-1514.7
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3031	9.0	101337.5	-1559.6	3121	9.1	103813.8	-1525.4	3211	9.8	110259.8	-1541.7	3301	9.8	112722.9	-1556.0
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3034	9.4	101426.5	-1528.6	3124	9.1	103925.6	-1502.5	3214	9.7	110304.7	-1542.6	3304	10.	112833.2	-1528.7
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3037	9.8	101439.6	-1557.5	3127	10.	103948.8	-1505.2	3217	10.	110412.2	-1535.2	3307	10.	112910.2	-1531.9
3038	10.	101453.1	-1521.4	3128	9.3	103948.9	-1507.4	3218	10.	110416.7	-1510.7	3308	9.4	112915.9	-1543.7
3039	9.4	101458.0	-1552.1	3129	9.8	104005.8	-1538.8	3219	9.5	110420.9	-1539.8	3309	10.	112943.2	-1520.6
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3043	8.7	101601.1	-1526.6	3133	9.4	104047.5	-1503.9	3223	8.6	110621.6	-1510.4	3313	9.4	113029.7	-1533.6
3044	8.9	101621.4	-1530.7	3134	9.1	104137.0	-1506.1	3224	10.	110747.9	-1520.4	3314	9.6	113036.0	-1522.3
3045	9.7	101659.2	-1531.4	3135	9.3	104146.4	-1558.8	3225	9.5	110750.2	-1548.1	3315	8.9	113058.4	-1526.2
3046	9.0	101705.3	-1536.7	3136	9.8	104212.3	-1544.2	3226	9.3	110826.1	-1533.5	3316	10.	113100.9	-1521.9
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3051	9.0	101757.1	-1550.2	3141	9.7	104346.8	-1545.1	3231	9.0	110956.6	-1530.3	3321	10.	113151.5	-1520.4
3052	9.5	101802.8	-1545.1	3142	9.3	104353.1	-1544.8	3232	9.8	110957.4	-1558.8	3322	8.8	113157.6	-1500.9
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3062	7.8	102046.8	-1510.5	3152	9.7	104548.6	-1526.8	3242	8.4	111230.3	-1526.5	3332	10.	113419.7	-1542.3
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3064	9.5	102114.9	-1520.2	3154	10.	104603.1	-1534.9	3244	9.8	111256.7	-1524.2	3334	9.4	113455.9	-1523.9
3065	8.7	102128.6	-1525.1	3155	8.6	104621.7	-1503.2	3245	10.	111302.4	-1509.5	3335	9.5	113514.2	-1540.6

3336	9.8	113530.1	-1542.8	3426	9.2	120300.9	-1534.0	3516	9.6	123407.1	-1550.7	3606	9.6	130142.3	-1546.0
3337	8.4	113539.5	-1535.7	3427	9.0	120303.2	-1549.2	3517	9.4	123416.0	-1500.8	3607	9.5	130156.9	-1505.6
3338	10.	113548.6	-1507.6	3428	9.4	120337.4	-1519.4	3518	9.1	123543.1	-1543.2	3608	6.8	130200.3	-1544.0
3339	9.5	113550.6	-1553.1	3429	7.3	120356.7	-1558.8	3519	10.	123555.1	-1545.3	3609	8.5	130253.1	-1513.5
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3343	8.5	113627.6	-1557.3	3433	9.0	120536.2	-1548.1	3523	9.0	123655.6	-1541.1	3613	5.7	130420.8	-1524.9
3344	9.8	113634.9	-1528.9	3434	9.4	120622.4	-1507.2	3524	9.8	123722.6	-1548.2	3614	9.5	130421.9	-1514.1
3345	9.4	113636.1	-1537.4	3435	8.0	120623.5	-1509.9	3525	7.8	123726.6	-1514.8	3615	9.0	130430.8	-1505.3
3346	9.7	113705.7	-1525.6	3436	8.3	120659.8	-1516.8	3526	10.	123734.8	-1537.2	3616	10.	130447.9	-1558.6
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3348	9.6	113752.4	-1529.3	3438	9.6	120754.3	-1511.2	3528	9.1	123839.1	-1556.4	3618	9.4	130525.7	-1528.0
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3350	9.8	113847.6	-1521.4	3440	9.2	120855.0	-1507.5	3530	9.1	123851.0	-1544.5	3620	9.7	130535.3	-1513.8
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3352	9.3	113916.5	-1543.2	3442	6.7	120934.5	-1553.1	3532	10.	123903.4	-1527.6	3622	9.2	130704.2	-1545.1
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3354	9.4	114034.9	-1538.8	3444	9.0	121009.9	-1552.3	3534	9.5	124010.6	-1558.6	3624	9.8	130715.3	-1514.9
3355	9.3	114043.4	-1547.3	3445	9.7	121030.6	-1555.5	3535	9.8	124028.5	-1511.1	3625	9.1	130723.0	-1528.8
3356	7.3	114047.9	-1544.6	3446	9.3	121035.4	-1555.9	3536	9.8	124032.6	-1539.6	3626	10.	130744.1	-1544.5
3357	9.1	114113.9	-1548.8	3447	9.8	121051.1	-1547.5	3537	9.5	124101.1	-1557.2	3627	9.4	130751.4	-1555.9
3358	7.5	114130.4	-1547.8	3448	10.	121051.4	-1539.0	3538	9.5	124117.5	-1510.8	3628	8.6	130805.8	-1530.4
3359	10.	114144.4	-1509.1	3449	8.8	121055.7	-1500.3	3539	9.6	124124.5	-1540.3	3629	10.	130831.8	-1554.1
3360	9.3	114208.9	-1547.9	3450	7.4	121149.6	-1528.1	3540	9.0	124136.7	-1524.2	3630	6.4	130832.5	-1516.6
3361	10.	114223.0	-1512.6	3451	9.7	121152.3	-1552.3	3541	9.6	124141.9	-1526.7	3631	9.8	130834.0	-1527.3
3362	9.4	114239.9	-1534.8	3452	8.0	121324.9	-1500.3	3542	9.6	124142.9	-1516.0	3632	9.8	130846.6	-1544.0
3363	6.2	114257.2	-1503.5	3453	9.4	121329.0	-1520.6	3543	6.5	124209.3	-1505.1	3633	9.3	130854.7	-1559.9
3364	9.4	114312.3	-1508.1	3454	9.7	121335.2	-1542.2	3544	9.9	124219.5	-1538.0	3634	9.8	130920.6	-1503.6
3365	9.7	114338.1	-1556.5	3455	9.9	121423.0	-1540.5	3545	9.4	124243.1	-1512.4	3635	9.8	130923.3	-1535.4
3366	9.3	114357.7	-1512.3	3456	9.4	121457.1	-1548.8	3546	10.	124258.8	-1522.9	3636	9.7	130958.3	-1525.7
3367	9.5	114403.5	-1547.5	3457	9.7	121510.4	-1535.2	3547	9.5	124352.7	-1522.3	3637	9.5	131015.6	-1511.5
3368	9.1	114406.1	-1518.5	3458	9.0	121537.8	-1501.2	3548	9.3	124503.2	-1521.4	3638	9.4	131044.9	-1546.3
3369	9.0	114422.5	-1536.2	3459	8.7	121605.0	-1552.5	3549	9.4	124516.9	-1540.7	3639	9.8	131049.2	-1503.8
3370	10.	114441.8	-1542.0	3460	9.6	121619.6	-1547.6	3550	9.5	124530.0	-1512.5	3640	10.	131051.6	-1530.0
3371	9.8	114445.3	-1548.9	3461	9.7	121624.6	-1549.2	3551	8.3	124534.0	-1548.2	3641	10.	131135.2	-1537.0
3372	9.5	114456.6	-1521.0	3462	9.2	121649.5	-1508.3	3552	10.	124640.0	-1504.5	3642	9.5	131152.5	-1547.7
3373	9.5	114532.7	-1527.6	3463	9.4	121717.4	-1553.0	3553	9.8	124659.3	-1516.5	3643	9.0	131230.9	-1527.8
3374	8.6	114540.9	-1529.3	3464	9.2	121740.5	-1511.3	3554	9.7	124706.4	-1529.4	3644	9.0	131241.7	-1556.4
3375	7.7	114600.0	-1547.1	3465	9.8	121749.8	-1532.2	3555	9.6	124755.4	-1557.1	3645	9.6	131254.1	-1539.2
3376	7.5	114610.0	-1518.4	3466	9.5	121817.8	-1530.6	3556	9.2	124844.3	-1559.8	3646	9.3	131256.4	-1512.7
3377	9.2	114655.5	-1513.4	3467	9.8	121830.7	-1546.1	3557	9.7	124848.6	-1547.1	3647	9.3	131257.1	-1537.9
3378	9.3	114710.2	-1539.0	3468	9.5	121926.3	-1535.2	3558	8.7	124859.8	-1556.4	3648	10.	131312.2	-1557.5
3379	10.	114719.2	-1521.2	3469	9.5	121941.8	-1555.1	3559	9.3	124907.5	-1502.2	3649	9.8	131325.9	-1517.0
3380	9.6	114745.8	-1552.2	3470	10.	122008.7	-1522.7	3560	9.9	124914.9	-1533.3	3650	9.6	131338.9	-1550.4
3381	9.0	114754.0	-1515.6	3471	6.8	122016.9	-1549.5	3561	9.5	125003.8	-1538.0	3651	9.3	131340.0	-1510.3
3382	9.1	114811.0	-1508.4	3472	9.4	122017.4	-1530.8	3562	9.3	125024.5	-1551.6	3652	8.7	131340.7	-1511.8
3383	9.8	114839.7	-1509.6	3473	9.4	122029.2	-1523.2	3563	8.5	125031.8	-1559.2	3653	9.1	131408.0	-1508.5
3384	9.1	114839.8	-1540.0	3474	9.5	122036.4	-1551.2	3564	9.8	125033.7	-1545.1	3654	9.4	131423.2	-1554.7
3385	8.8	114951.2	-1538.9	3475	7.8	122106.4	-1511.8	3565	9.5	125051.2	-1505.7	3655	9.4	131428.8	-1524.2
3386	9.8	114956.4	-1506.8	3476	8.3	122132.9	-1535.3	3566	10.	125130.2	-1525.1	3656	8.3	131523.4	-1510.0
3387	8.7	115013.7	-1528.7	3477	9.4	122152.7	-1525.5	3567	9.5	125137.3	-1559.1	3657	9.8	131554.1	-1534.3
3388	9.1	115021.4	-1515.8	3478	9.4	122156.3	-1521.1	3568	8.3	125147.1	-1544.8	3658	9.8	131605.3	-1545.8
3389	9.9	115024.6	-1515.8	3479	9.8	122216.4	-1505.5	3569	9.8	125155.6	-1503.4	3659	9.8	131713.4	-1542.0
3390	9.4	115046.8	-1558.4	3480	9.3	122219.6	-1559.8	3570	9.7	125208.4	-1518.3	3660	9.0	131725.1	-1525.3
3391	9.5	115047.0	-1504.3	3481	9.0	122220.9	-1543.1	3571	9.9	125217.2	-1506.4	3661	9.1	131735.1	-1551.5
3392	10.	115105.4	-1524.1	3482	3.0	122221.4	-1542.1	3572	9.3	125221.1	-1527.4	3662	9.1	131751.2	-1549.3
3393	9.8	115119.8	-1501.3	3483	9.5	122230.1	-1521.1	3573	8.8	125224.6	-1509.9	3663	9.2	131805.3	-1540.2
3394	9.8	115121.0	-1507.5	3484	9.1	122235.3	-1550.7	3574	9.1	125227.6	-1526.6	3664	8.5	131834.6	-1555.0
3395	10.	115128.3	-1516.4	3485	8.5	122328.5	-1540.6	3575	9.7	125238.2	-1558.7	3665	9.1	131839.4	-1504.9
3396	8.2	115200.8	-1514.4	3486	9.2	122359.0	-1502.2	3576	9.7	125253.5	-1549.2	3666	9.0	131853.1	-1521.2
3397	9.8	115202.3	-1527.2	3487	9.3	122404.6	-1556.8	3577	9.2	125315.9	-1500.5	3667	10.	131922.4	-1543.1
3398	9.5	115236.9	-1503.7	3488	9.4	122434.7	-1551.7	3578	8.7	125337.9	-1500.9	3668	5.5	131943.2	-1513.1
3399	7.8	115245.1	-1546.4	3489	5.0	122436.7	-1523.4	3579	9.3	125357.5	-1512.5	3669	9.6	131948.7	-1551.2
3400	8.2	115251.3	-1551.6	3490	9.5	122437.8	-1508.9	3580	8.5	125405.3	-1547.9	3670	10.	132003.0	-1536.9
3401	9.5	115256.1	-1545.5	3491	9.4	122454.2	-1551.3	3581	10.	125406.0	-1510.5	3671	9.5	132015.3	-1528.1
3402	8.9	115316.3	-1503.0	3492	9.7	122458.6	-1554.2	3582	10.	125442.9	-1549.4	3672	9.4	132020.5	-1511.1
3403	9.3	115330.2	-1518.1	3493	9.7	122509.3	-1504.1	3583	9.3	125450.4	-1525.3	3673	9.2	132035.8	-1505.2
3404	9.6	115346.5	-1539.2	3494	9.4	122514.9	-1538.3	3584	9.2	125504.4	-1514.5	3674	9.3	132112.3	-1506.3
3405	8.0	115541.0	-1538.5	3495	9.6	122515.7	-1546.3	3585	9.8	125505.8	-1525.5	3675	9.4	132119.8	-1541.6
3406	9.5	115552.9	-1555.7	3496	9.4	122517.3	-1552.6	3586	9.9	125528.7	-1537.6	3676	9.3	132154.1	-1548.9
3407	9.7	115616.9	-1549.7	3497	8.0	122521.7	-1551.0	3587	9.4	125533.2	-1516.2	3677	9.9	132158.3	-1540.5
3408	9.6	115628.9	-1547.9	3498	7.8	122704.4	-1533.1	3588	9.0	125541.7	-1529.8	3678	10.	132201.5	-1526.6
3409	8.8	115715.3	-1554.1	3499	9.7	122706.9	-1505.6	3589	8.0	125600.0	-1533.1	3679	9.8	132212.9	-1528.4
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3411	9.1	115733.8	-1529.1	3501	9.0	122759.0	-1516.8	3591	9.5	125641.4	-1552.5	3681	9.1	132316.6	-1525.3
3412	9.1	115736.7	-1535.2	3502	8.9	122805.2	-1544.4	3592	9.5	125658.0	-1505.2	3682	8.1	132318.9	-1536.1
3413	9.4	115738.6	-1528.2	3503	9.6	122845.9	-1516.6	3593	9.4	125744.3	-1504.8	3683	9.4	132350.7	-1513.7
3414	9.5	115804.2	-1513.3	3504	8.5	122859.7	-1535.0	3594	9.5	125744.5	-1518.9	3684	9.5	132410.5	-1517.9
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3416	9.6	115828.3	-1535.0	3506	8.8	122922.2	-1557.4	3596	9.0	125800.9	-1504.2	3686	9.8	132427.4	-1518.8
3417	9.4	115900.6	-1514.0	3507	9.6	123002.4	-1526.0	3597	9.7	125858.8	-1540.1	3687	9.9	132428.1	-1545.2
3418	9.4	115905.5	-1507.2	3508	9.8	123047.5	-1511.2	3598	9.5	125958.0	-1503.0	3688	10.	132437.6	-1542.5
3419	9.1	120030.6	-1511.3	3509	9.4	123101.6	-1506.4	3599	9.3	130025.6	-1553.9	3689	9.3	132439.0	-1549.1
3420	9.3	120052.1	-1532.2	3510	9.5	123138.2	-1501.7	3600	9.0	130059.1	-1523.8	3690	9.6	132442.6	-1524.7
3421	9.4	120115.9	-1516.2	3511	9.0	123148.6	-1521.0	3601	9.5	130101.5	-1518.5	3691	9.2	132448.2	-1552.0
3422	9.5	120147.5	-1521.1	3512	9.4	123243.0	-1512.1	3602	9.6	130103.8	-1512.5	3692	8.7	132448.3	-1548.6
3423	9.5	120218.9	-1548.5	3513	8.3	123307.7	-1521.0	3603	9.5	130113.6	-1522.9	3693	9.8	132520.4	-1523.4
3424	9.9	120233.0	-1503.5	3514	9.3	123316.8	-1532.7	3604	10.	130118.8	-1551.8	3694	8.5	132623.2	-1538.2
3425	8.3	120236.0	-1542.1	3515	9.3	123349.5	-1548.6	3605	9.1	130126.0	-1559.0	3695	8.7	132653.8	-1534.4

3696	8.9	132654.4	-1559.6	3786	10.	135303.7	-1518.7	3876	9.4	141956.3	-1547.0
3697	9.1	132655.7	-1505.7	3787	9.8	135336.3	-1532.7	3877	8.9	142015.1	-1527.7
3698	10.	132707.1	-1543.5	3788	9.6	135348.0	-1543.2	3878	8.5	142030.2	-1539.4
3699	9.5	132715.3	-1511.8	3789	9.4	135436.4	-1545.0	3879	9.8	142037.7	-1543.5
3700	9.4	132735.5	-1546.9	3790	10.	135440.9	-1507.6	3880	9.9	142047.2	-1545.2
3701	9.4	132749.6	-1535.3	3791	9.1	135442.0	-1540.7	3881	9.8	142228.3	-1513.4
3702	9.8	132757.4	-1547.1	3792	9.0	135443.6	-1511.2	3882	8.8	142249.1	-1544.1
3703	10.	132815.1	-1540.4	3793	9.5	135525.4	-1546.5	3883	9.8	142255.6	-1500.1
3704	9.3	132837.7	-1557.8	3794	10.	135613.0	-1540.5	3884	9.5	142256.3	-1521.3
3705	7.8	132916.3	-1541.7	3795	9.0	135623.5	-1521.1	3885	10.	142300.1	-1541.9
3706	10.	132931.1	-1502.5	3796	9.4	135641.2	-1534.2	3886	10.	142320.6	-1559.8
3707	9.6	132958.8	-1512.5	3797	9.5	135644.7	-1557.2	3887	9.2	142341.8	-1535.9
3708	9.0	133013.6	-1558.2	3798	9.5	135645.8	-1506.2	3888	9.5	142341.9	-1502.8
3709	9.1	133054.6	-1537.5	3799	9.3	135649.9	-1514.0	3889	9.1	142345.1	-1554.0
3710	9.8	133056.0	-1530.8	3800	9.8	135652.7	-1511.3	3890	9.7	142345.3	-1529.0
3711	9.3	133148.0	-1508.2	3801	10.	135656.7	-1532.1	3891	9.4	142357.8	-1520.9
3712	9.0	133148.4	-1543.7	3802	9.5	135659.4	-1558.5	3892	7.0	142358.8	-1543.0
3713	9.0	133153.1	-1555.4	3803	9.8	135714.3	-1555.6	3893	8.7	142450.5	-1540.8
3714	9.1	133200.2	-1524.1	3804	8.0	135716.5	-1519.7	3894	9.2	142451.4	-1549.5
3715	6.5	133210.4	-1542.4	3805	6.8	135720.4	-1538.1	3895	9.8	142453.3	-1531.1
3716	9.1	133212.3	-1521.0	3806	10.	135730.8	-1544.6	3896	9.3	142504.7	-1518.9
3717	9.3	133226.4	-1510.3	3807	9.8	135800.1	-1518.1	3897	8.9	142535.5	-1544.9
3718	8.6	133300.4	-1510.9	3808	9.5	135833.4	-1531.2	3898	9.0	142553.7	-1503.5
3719	9.7	133344.9	-1526.2	3809	7.5	135920.9	-1529.5	3899	10.	142612.4	-1517.7
3720	8.4	133353.5	-1526.3	3810	9.5	135949.2	-1505.3	3900	9.8	142617.5	-1548.0
3721	10.	133353.8	-1548.0	3811	9.8	140008.1	-1533.0	3901	9.5	142638.3	-1520.4
3722	10.	133354.1	-1552.0	3812	8.7	140027.0	-1552.4	3902	9.9	142703.8	-1559.0
3723	8.8	133414.3	-1511.4	3813	9.8	140049.8	-1550.5	3903	9.3	142709.9	-1549.0
3724	9.8	133502.6	-1524.3	3814	9.5	140140.3	-1531.2	3904	9.5	142710.7	-1531.0
3725	8.8	133505.8	-1530.0	3815	9.5	140158.6	-1548.0	3905	10.	142717.0	-1542.7
3726	9.5	133518.6	-1523.6	3816	9.2	140215.1	-1513.0	3906	9.2	142839.9	-1548.1
3727	9.1	133542.5	-1546.0	3817	5.0	140255.2	-1536.4	3907	9.8	142900.3	-1507.5
3728	8.6	133559.7	-1514.9	3818	9.5	140311.6	-1514.1	3908	10.	142916.0	-1539.2
3729	8.8	133620.7	-1546.0	3819	9.9	140315.8	-1540.0	3909	9.9	142920.9	-1544.3
3730	10.	133622.9	-1527.0	3820	10.	140357.8	-1502.9	3910	10.	142932.9	-1544.6
3731	5.6	133641.0	-1526.8	3821	9.8	140419.1	-1548.8	3911	8.2	142933.0	-1554.4
3732	9.0	133641.6	-1541.7	3822	9.4	140424.8	-1528.8	3912	10.	142943.8	-1515.4
3733	9.6	133711.2	-1552.0	3823	10.	140431.5	-1515.7	3913	9.5	143022.3	-1516.1
3734	8.5	133723.7	-1511.6	3824	8.9	140439.0	-1511.4	3914	8.7	143024.2	-1555.0
3735	6.7	133746.4	-1502.0	3825	9.3	140440.5	-1558.7	3915	9.2	143038.6	-1552.9
3736	9.8	133753.8	-1544.9	3826	8.5	140503.1	-1522.0	3916	9.8	143048.0	-1537.4
3737	10.	133804.2	-1542.9	3827	9.1	140530.4	-1540.6	3917	9.8	143056.9	-1542.6
3738	9.2	133849.0	-1557.5	3828	9.9	140535.2	-1542.0	3918	9.7	143102.0	-1538.9
3739	7.8	134009.5	-1520.3	3829	9.8	140543.0	-1512.5	3919	10.	143114.4	-1543.6
3740	9.8	134033.1	-1517.9	3830	10.	140609.5	-1547.7	3920	8.2	143137.7	-1557.7
3741	9.3	134124.0	-1522.9	3831	9.0	140611.6	-1548.5	3921	9.5	143141.3	-1523.8
3742	9.0	134135.0	-1555.5	3832	9.5	140629.7	-1527.5	3922	7.3	143207.7	-1534.2
3743	9.6	134148.9	-1555.1	3833	9.2	140647.0	-1518.6	3923	9.8	143230.2	-1551.1
3744	9.3	134151.9	-1537.5	3834	9.6	140659.5	-1529.2	3924	7.3	143231.0	-1534.9
3745	9.7	134233.7	-1547.6	3835	9.8	140729.4	-1513.8	3925	9.4	143243.2	-1516.1
3746	9.7	134308.7	-1527.0	3836	9.0	140743.0	-1552.8	3926	9.9	143245.6	-1530.3
3747	10.	134319.4	-1539.1	3837	7.7	140754.9	-1524.6	3927	8.9	143303.2	-1514.5
3748	9.5	134321.6	-1511.0	3838	8.8	140849.7	-1522.4	3928	9.8	143335.1	-1520.1
3749	10.	134347.8	-1543.4	3839	8.5	140903.5	-1545.8	3929	9.8	143340.1	-1516.6
3750	9.8	134356.8	-1539.9	3840	9.7	140907.3	-1557.2	3930	8.5	143344.6	-1558.4
3751	9.7	134427.4	-1554.2	3841	9.1	140910.1	-1504.2	3931	10.	143345.1	-1518.5
3752	9.7	134431.1	-1543.9	3842	8.5	140953.4	-1520.9	3932	9.4	143358.2	-1525.0
3753	9.8	134437.5	-1504.3	3843	10.	141103.6	-1538.8	3933	9.8	143404.7	-1550.1
3754	9.5	134440.0	-1526.3	3844	8.8	141108.3	-1535.0	3934	9.3	143413.2	-1516.0
3755	8.6	134446.3	-1526.9	3845	9.5	141109.8	-1515.0	3935	8.3	143424.0	-1558.8
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3764	9.0	134612.0	-1551.9	3854	9.4	141250.8	-1520.5	3944	9.5	143750.1	-1549.2
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3766	9.8	134654.7	-1529.0	3856	9.8	141315.2	-1556.6	3946	10.	143811.4	-1556.1
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3978	8.3	144536.8	-1554.7								
3979	9.5	144559.0	-1528.1								
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3986	8.0	144800.6	-1503.9								
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4001	9.0	145045.6	-1552.0								
4002	9.7	145110.7	-1517.3								
4003	10.	145131.7	-1503.3								
4004	10.	145134.6	-1559.0								
4005	8.8	145145.7	-1512.4								
4006	9.8	145207.3	-1537.2								
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4013	9.3	145456.0	-1500.7								
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4016	9.1	145535.2	-1502.5								
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4037	10.	150143.0	-1559.1								
4038	8.3	150149.2	-1509.3								
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4040	9.3	150213.5	-1542.0								
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4044	8.8	150302.5	-1543.6								
4045	10.	150315.0	-1540.5								
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4052	9.2	150515.9	-1505.0								
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4054	10.	150539.8	-1505.0								
4055	9.5	150542.8	-1522.4								

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4109	9.4	151912.1	-1547.5	4199	9.4	154231.5	-1547.3	4289	9.5	160848.7	-1529.9	4379	9.4	163506.6	-1552.0
4110	10.	151919.4	-1527.2	4200	9.0	154238.5	-1532.5	4290	9.5	160859.0	-1551.6	4380	9.4	163523.9	-1525.6
4111	9.8	151920.8	-1500.4	4201	9.8	154243.3	-1522.7	4291	9.0	160913.2	-1505.0	4381	9.0	163541.7	-1502.1
4112	8.2	151928.1	-1558.6	4202	9.4	154246.2	-1531.5	4292	9.8	160931.1	-1528.3	4382	9.2	163605.1	-1557.8
4113	9.5	151930.2	-1527.6	4203	9.0	154335.2	-1528.8	4293	9.1	160944.2	-1512.0	4383	9.2	163633.6	-1513.8
4114	9.8	151951.0	-1514.1	4204	9.9	154338.4	-1516.8	4294	9.6	161028.5	-1549.1	4384	9.4	163724.2	-1509.7
4115	9.5	151956.5	-1503.2	4205	9.6	154357.5	-1529.5	4295	9.4	161043.7	-1521.2	4385	9.6	163728.1	-1559.9
4116	9.6	152007.6	-1555.7	4206	9.5	154431.5	-1534.5	4296	9.3	161046.3	-1529.2	4386	9.8	163756.2	-1509.3
4117	9.5	152010.4	-1514.2	4207	9.3	154506.7	-1518.1	4297	9.4	161104.4	-1500.5	4387	9.1	163757.7	-1514.0
4118	6.9	152031.4	-1511.4	4208	30.0	154523.7	-1548.1	4298	9.4	161107.6	-1558.0	4388	9.2	163807.6	-1514.0
4119	9.2	152037.9	-1506.8	4209	8.8	154600.6	-1513.8	4299	9.1	161111.0	-1549.5	4389	8.6	163856.8	-1524.9
4120	9.5	152057.6	-1543.1	4210	9.8	154610.8	-1528.9	4300	8.5	161111.2	-1511.7	4390	9.0	163908.5	-1522.5
4121	9.3	152103.0	-1523.1	4211	9.1	154647.0	-1555.7	4301	9.2	161118.2	-1511.7	4391	9.1	163922.8	-1527.5
4122	9.2	152105.6	-1553.4	4212	9.4	154648.0	-1554.1	4302	9.5	161156.3	-1535.1	4392	7.3	163944.1	-1541.5
4123	9.7	152115.2	-1502.5	4213	9.5	154704.7	-1500.0	4303	9.8	161157.4	-1518.6	4393	8.0	163959.6	-1505.8
4124	9.3	152120.9	-1533.4	4214	9.1	154716.6	-1508.9	4304	9.5	161158.0	-1556.9	4394	9.4	164028.6	-1528.6
4125	9.3	152129.6	-1502.3	4215	9.2	154747.1	-1552.5	4305	9.7	161231.5	-1558.5	4395	6.5	164111.0	-1524.4
4126	9.5	152144.0	-1519.8	4216	9.5	154756.5	-1537.4	4306	9.5	161237.2	-1521.5	4396	9.3	164122.6	-1540.9
4127	10.	152151.5	-1514.0	4217	8.2	154831.6	-1524.6	4307	9.8	161249.9	-1500.2	4397	8.4	164147.8	-1510.6
4128	9.5	152152.7	-1527.4	4218	9.3	154836.1	-1504.3	4308	9.1	161303.1	-1559.4	4398	9.5	164206.5	-1543.7
4129	9.6	152155.0	-1557.2	4219	9.5	154841.4	-1534.9	4309	9.6	161304.0	-1502.0	4399	9.1	164237.0	-1551.5
4130	8.2	152206.6	-1511.1	4220	9.3	154851.6	-1503.3	4310	9.3	161308.4	-1557.3	4400	9.5	164318.6	-1539.4
4131	9.5	152213.1	-1506.8	4221	6.8	154852.3	-1535.9	4311	9.8	161327.6	-1536.7	4401	8.8	164357.6	-1538.0
4132	7.9	152256.7	-1520.7	4222	9.3	154855.4	-1558.7	4312	9.5	161346.2	-1501.0	4402	9.5	164421.1	-1540.7
4133	9.1	152310.4	-1516.2	4223	9.5	154859.6	-1514.3	4313	9.6	161346.7	-1553.8	4403	9.0	164423.0	-1553.4
4134	9.3	152334.1	-1548.3	4224	9.5	154910.1	-1522.1	4314	9.8	161403.0	-1543.4	4404	8.9	164434.0	-1527.7
4135	9.3	152418.5	-1545.5	4225	9.0	154939.1	-1522.7	4315	9.8	161422.0	-1557.9	4405	9.0	164436.4	-1557.2
4136	8.6	152430.9	-1507.1	4226	8.3	155005.1	-1503.4	4316	9.5	161451.6	-1528.0	4406	9.4	164447.5	-1525.3
4137	9.7	152452.9	-1559.7	4227	9.8	155048.1	-1504.3	4317	9.5	161557.7	-1534.5	4407	9.5	164552.1	-1509.3
4138	9.3	152538.8	-1520.8	4228	8.0	155100.5	-1548.1	4318	9.0	161613.6	-1526.2	4408	9.0	164709.0	-1548.0
4139	9.3	152545.2	-1510.6	4229	9.0	155202.9	-1544.6	4319	8.8	161619.9	-1540.5	4409	8.2	164800.5	-1507.3
4140	8.6	152608.4	-1543.0	4230	8.5	155233.6	-1500.3	4320	8.7	161700.9	-1550.7	4410	8.2	164809.8	-1515.1
4141	9.0	152609.9	-1553.4	4231	9.5	155250.0	-1517.3	4321	8.5	161719.2	-1544.8	4411	9.3	164810.0	-1544.2
4142	10.	152650.2	-1500.3	4232	8.9	155309.1	-1512.1	4322	9.4	161815.3	-1541.6	4412	8.6	164822.5	-1542.1
4143	8.5	152746.3	-1529.3	4233	9.5	155347.3	-1546.2	4323	9.3	161910.8	-1525.7	4413	9.5	164829.3	-1516.4
4144	8.0	152845.7	-1502.0	4234	9.4	155359.3	-1526.2	4324	7.0	161959.8	-1552.7	4414	9.0	164837.5	-1517.7
4145	9.8	152919.9	-1537.3	4235	10.	155405.6	-1517.1	4325	8.8	162028.4	-1505.5	4415	9.2	164905.4	-1541.5

-15 4416 16h49m

-15 4775 17h52m

4416	10.	164913.6	-1502.1	4506	9.5	170917.5	-1519.2	4596	9.6	172612.5	-1505.8
4417	9.1	164924.9	-1534.6	4507	9.0	170918.3	-1521.9	4597	9.3	172623.4	-1525.4
4418	9.3	164927.8	-1523.2	4508	9.6	170926.3	-1513.9	4598	9.7	172629.0	-1528.1
4419	9.4	164927.9	-1551.2	4509	9.2	170926.6	-1535.4	4599	9.8	172643.4	-1532.0
4420	7.8	165040.1	-1534.7	4510	9.0	170957.6	-1535.4	4600	10.	172644.6	-1551.1
4421	7.5	165104.0	-1550.3	4511	7.5	170958.1	-1537.8	4601	9.5	172659.1	-1518.6
4422	9.0	165111.9	-1533.7	4512	8.5	171007.4	-1502.4	4602	9.5	172706.6	-1547.0
4423	9.1	165142.4	-1535.8	4513	7.5	171019.7	-1552.0	4603	9.8	172713.3	-1500.1
4424	9.0	165143.2	-1554.5	4514	7.5	171040.5	-1503.4	4604	9.4	172718.0	-1525.7
4425	8.4	165229.1	-1527.8	4515	9.0	171053.3	-1545.3	4605	9.4	172726.7	-1510.8
4426	9.5	165236.1	-1531.2	4516	9.0	171103.9	-1511.5	4606	8.9	172729.6	-1543.8
4427	9.0	165240.9	-1559.1	4517	9.2	171214.7	-1518.1	4607	9.5	172730.2	-1507.0
4428	9.5	165327.9	-1542.5	4518	9.5	171218.1	-1554.1	4608	9.8	172734.3	-1527.3
4429	9.3	165345.9	-1522.0	4519	9.1	171226.2	-1546.3	4609	9.5	172738.1	-1544.2
4430	10.	165347.2	-1512.5	4520	9.6	171245.8	-1540.8	4610	9.2	172756.0	-1525.3
4431	9.2	165405.0	-1556.3	4521	8.5	171253.8	-1531.4	4611	9.5	172800.2	-1516.4
4432	10.	165406.8	-1548.9	4522	9.5	171306.8	-1553.5	4612	9.5	172801.1	-1504.7
4433	9.8	165434.8	-1531.5	4523	9.5	171311.9	-1531.4	4613	8.6	172804.1	-1522.9
4434	9.4	165442.7	-1529.2	4524	9.3	171319.6	-1523.5	4614	9.1	172827.2	-1535.3
4435	8.9	165448.2	-1539.2	4525	9.1	171324.4	-1533.9	4615	9.8	172829.3	-1527.2
4436	9.5	165453.0	-1557.1	4526	9.4	171331.9	-1505.5	4616	9.1	172838.0	-1550.7
4437	8.9	165509.7	-1528.8	4527	9.4	171348.6	-1558.8	4617	9.3	172838.5	-1525.2
4438	7.5	165519.4	-1539.3	4528	9.5	171350.7	-1520.0	4618	9.3	172841.7	-1515.7
4439	8.0	165545.8	-1559.0	4529	9.5	171354.7	-1540.8	4619	8.6	172906.6	-1535.2
4440	9.1	165603.1	-1502.8	4530	9.5	171356.2	-1544.1	4620	9.0	172907.8	-1554.3
4441	9.4	165619.0	-1511.8	4531	9.0	171356.4	-1546.7	4621	3.8	172917.1	-1518.2
4442	9.7	165623.7	-1536.3	4532	9.5	171411.2	-1518.9	4622	6.5	172918.0	-1528.5
4443	9.1	165632.4	-1543.4	4533	9.6	171449.1	-1530.5	4623	8.8	172918.9	-1543.5
4444	9.0	165643.0	-1508.1	4534	6.7	171516.6	-1553.5	4624	9.4	172920.5	-1532.8
4445	8.7	165647.8	-1503.5	4535	10.	171523.1	-1534.4	4625	9.8	172931.1	-1517.4
4446	9.4	165705.4	-1538.9	4536	9.6	171533.5	-1553.8	4626	9.7	172946.2	-1515.7
4447	9.6	165726.3	-1517.3	4537	9.4	171535.0	-1556.2	4627	9.0	173008.0	-1558.4
4448	9.2	165753.6	-1512.4	4538	9.8	171548.4	-1557.2	4628	9.1	173008.8	-1547.9
4449	9.0	165803.9	-1514.2	4539	9.1	171604.7	-1540.8	4629	9.5	173010.5	-1521.6
4450	9.9	165810.7	-1521.2	4540	9.5	171617.4	-1503.0	4630	9.8	173023.5	-1558.7
4451	9.5	165817.4	-1544.7	4541	8.9	171619.1	-1557.2	4631	9.4	173023.6	-1541.9
4452	9.6	165829.3	-1530.9	4542	9.4	171623.6	-1510.0	4632	9.4	173038.1	-1517.7
4453	9.4	165844.3	-1557.7	4543	9.5	171623.8	-1507.7	4633	9.4	173039.7	-1525.9
4454	10.	165902.4	-1538.7	4544	8.8	171640.3	-1513.0	4634	9.5	173053.0	-1557.3
4455	30.0	165926.3	-1554.2	4545	9.5	171705.2	-1549.7	4635	8.8	173104.5	-1540.7
4456	9.0	165937.6	-1534.9	4546	9.5	171715.4	-1506.9	4636	9.5	173134.4	-1503.8
4457	10.	165948.9	-1527.1	4547	8.8	171723.3	-1507.6	4637	9.9	173135.8	-1523.0
4458	9.5	170013.5	-1507.1	4548	9.4	171736.1	-1528.5	4638	9.7	173205.9	-1534.4
4459	9.5	170039.6	-1555.9	4549	9.5	171756.3	-1507.9	4639	9.9	173207.1	-1518.1
4460	8.0	170057.1	-1507.7	4550	9.8	171802.8	-1508.1	4640	9.0	173213.7	-1526.8
4461	9.5	170102.0	-1525.8	4551	8.3	171824.2	-1534.7	4641	9.3	173220.0	-1548.4
4462	8.8	170103.1	-1500.3	4552	9.8	171824.6	-1525.7	4642	10.	173226.9	-1515.8
4463	8.8	170103.2	-1538.5	4553	8.9	171843.1	-1557.7	4643	9.8	173228.1	-1537.3
4464	9.1	170115.8	-1545.7	4554	7.0	171849.9	-1543.3	4644	9.4	173305.6	-1543.5
4465	9.5	170144.2	-1552.5	4555	9.4	171916.0	-1533.3	4645	9.2	173307.5	-1525.6
4466	8.0	170152.3	-1558.5	4556	9.2	171917.4	-1550.4	4646	8.7	173310.7	-1512.8
4467	2.0	170204.0	-1532.2	4557	8.8	171954.9	-1534.9	4647	9.8	173315.9	-1535.0
4468	9.6	170218.0	-1557.3	4558	9.8	172001.9	-1501.0	4648	9.4	173317.3	-1526.4
4469	8.8	170229.5	-1514.0	4559	9.5	172013.6	-1558.0	4649	10.	173325.1	-1526.7
4470	9.5	170235.4	-1516.1	4560	10.	172023.2	-1519.4	4650	9.6	173329.7	-1512.6
4471	9.3	170245.1	-1527.7	4561	9.5	172034.0	-1533.7	4651	8.5	173353.6	-1538.8
4472	8.9	170248.8	-1528.4	4562	9.2	172035.2	-1553.5	4652	8.9	173408.1	-1554.9
4473	8.6	170249.4	-1501.7	4563	9.0	172043.4	-1555.5	4653	10.	173413.2	-1514.6
4474	8.9	170300.5	-1525.6	4564	9.2	172043.9	-1525.4	4654	9.7	173416.6	-1522.8
4475	9.2	170305.7	-1520.4	4565	7.5	172109.1	-1554.3	4655	7.3	173420.3	-1529.0
4476	9.2	170314.8	-1529.2	4566	9.4	172119.3	-1504.8	4656	9.8	173435.2	-1558.6
4477	9.2	170318.9	-1520.5	4567	8.5	172134.9	-1553.4	4657	9.3	173436.8	-1553.9
4478	9.6	170341.6	-1511.8	4568	8.5	172138.7	-1547.4	4658	9.1	173436.8	-1552.8
4479	9.8	170342.4	-1536.6	4569	8.9	172145.1	-1531.4	4659	9.5	173454.1	-1542.1
4480	9.0	170346.9	-1538.0	4570	9.5	172148.7	-1520.0	4660	9.5	173458.3	-1520.0
4481	9.2	170352.1	-1538.2	4571	9.4	172156.1	-1558.1	4661	9.4	173459.5	-1523.0
4482	8.9	170414.2	-1525.6	4572	7.8	172209.9	-1531.0	4662	9.5	173526.0	-1525.7
4483	9.6	170428.8	-1541.3	4573	9.5	172210.8	-1510.6	4663	10.	173547.9	-1508.4
4484	9.5	170432.1	-1552.3	4574	9.2	172211.7	-1518.6	4664	9.4	173553.4	-1522.5
4485	8.8	170434.1	-1511.6	4575	8.8	172228.1	-1552.2	4665	9.4	173604.7	-1542.6
4486	9.1	170511.8	-1526.9	4576	8.7	172228.2	-1519.1	4666	9.8	173629.3	-1502.4
4487	9.0	170513.2	-1505.5	4577	9.8	172303.3	-1503.2	4667	10.	173631.2	-1503.8
4488	7.0	170519.2	-1522.9	4578	10.	172322.7	-1515.2	4668	9.5	173716.1	-1520.5
4489	9.3	170532.3	-1520.2	4579	9.2	172323.6	-1551.0	4669	9.2	173731.3	-1532.2
4490	8.7	170539.5	-1525.3	4580	9.2	172332.1	-1547.1	4670	9.9	173735.0	-1530.0
4491	8.2	170559.0	-1526.0	4581	9.3	172332.8	-1535.9	4671	9.1	173746.1	-1543.3
4492	8.3	170613.7	-1546.6	4582	9.5	172337.0	-1529.2	4672	9.5	173755.2	-1511.6
4493	8.8	170623.8	-1544.4	4583	9.5	172346.0	-1533.5	4673	9.6	173809.5	-1559.0
4494	9.2	170717.7	-1547.7	4584	9.8	172355.2	-1514.3	4674	9.4	173811.1	-1519.9
4495	8.9	170734.5	-1525.0	4585	8.7	172400.1	-1558.9	4675	8.0	173816.5	-1556.4
4496	9.1	170735.4	-1545.2	4586	9.9	172418.7	-1551.9	4676M	9.1	173831.3	-1505.5
4497	9.4	170738.7	-1500.4	4587	9.3	172423.9	-1549.0	4677	9.5	173833.6	-1538.2
4498	9.5	170739.3	-1504.7	4588	9.3	172429.3	-1532.7	4678	9.5	173846.1	-1541.0
4499	9.8	170751.8	-1543.6	4589	9.2	172502.7	-1536.8	4679	8.7	173848.5	-1527.2
4500	9.5	170756.1	-1543.4	4590	9.4	172508.2	-1507.7	4680	9.4	173854.9	-1503.2
4501	8.7	170758.2	-1555.7	4591	9.6	172518.1	-1525.0	4681	9.5	173917.9	-1534.8
4502	7.0	170759.2	-1503.4	4592	9.0	172526.3	-1501.3	4682	9.5	173923.0	-1557.3
4503	9.5	170859.4	-1503.8	4593	9.7	172533.9	-1501.2	4683	9.0	173945.0	-1556.7
4504	9.8	170910.4	-1541.7	4594	9.8	172540.3	-1543.1	4684	9.5	173946.7	-1535.3
4505	9.5	170917.2	-1553.0	4595	9.7	172607.1	-1546.5	4685	8.6	174006.3	-1506.1
4686	9.8	174031.1	-1519.5								
4687	9.9	174038.8	-1525.6								
4688	9.7	174056.6	-1527.8								
4689	9.3	174118.5	-1523.6								
4690	9.8	174146.1	-1541.2								
4691	9.1	174151.8	-1508.9								
4692	10.	174201.5	-1535.0								
4693	8.0	174203.6	-1555.3								
4694	9.3	174210.5	-1523.4								
4695	9.5	174214.6	-1547.2								
4696	9.5	174223.0	-1531.1								
4697	9.5	174250.7	-1513.5								
4698	9.8	174304.6	-1516.8								
4699	8.7	174310.3	-1526.5								
4700	9.4	174319.5	-1549.1								
4701	9.6	174328.7	-1516.5								
4702	9.0	174337.7	-1527.1								
4703	9.8	174343.6	-1515.2								
4704	9.4	174401.7	-1514.0								
4705	9.8	174408.5	-1552.6								
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4707	9.4	174513.1	-1551.4								
4708	9.5	174522.9	-1500.3								
4709	9.6	174526.0	-1552.0								
4710	9.8	174545.8	-1508.2								
4711	9.4	174547.2	-1511.1								
4712	9.5	174610.0	-1551.1								
4713	9.0	174620.1	-1541.5								
4714	9.4	174628.9	-1531.0								
4715	9.9	174633.4	-1518.0								
4716	9.3	174646.2	-1541.5								
4717	9.2	174649.7	-1541.8								
4718	8.8	174659.5	-1548.9								
4719	9.5	174714.6	-1513.2								
4720	9.5	174717.5	-1519.5								
4721	9.1	174729.1	-1540.2								
4722	5.9	174758.8	-1546.6								
4723	9.2	174759.7	-1547.3								
4724	8.3	174800.6	-1509.2								
4725	9.1	174803.3	-1501.3								
4726	8.6	174803.9	-1518.1								
4727	9.4	174812.6	-1527.4								
4728	9.0	174817.8	-1502.2								
4729	8.0	174828.8	-1539.6								
4730	9.9	174831.7	-1512.8								
4731	9.0	174839.0	-1524.1								
4732	9.4	174845.5	-1539.5								
4733	9.4	174848.2	-1545.7								
4734	9.5	174848.9	-1548.8								
4735	9.6	174858.6	-1527.2								
4736	9.4	174858.7	-1531.7								
4737	9.4	174912.7	-1510.0								
4738	9.8	174916.4	-1545.0								
4739	9.5	174923.3	-1533.4								
4740	9.5	174926.1	-1518.3								
4741	9.4	174929.3	-1529.1								
4742	9.8	174943.8	-1532.7								
4743	9.4	174949.0	-1521.5								
4744	9.7	174949.0	-1524.5								
4745	9.5	174949.0	-1559.5								
4746	9.3	175012.6	-1516.7								
4747	8.9	175018.0	-1535.4								
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4750	9.4	175031.9	-1521.6								
4751	10.	175032.8	-1513.8								
4752	8.6	175047.4	-1512.2								
4753	9.1	175048.1	-1518.5								
4754	9.8	175048.5	-1515.7								
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4756	7.9	175113.7	-1508.5								
4757	9.3	175114.9	-1542.7								
4758	9.8	175116.6	-1505.0								
4759	9.8	175141.4	-1528.5								
4760	9.4	175143.7	-1512.0								
4761	9.5	175146.5	-1558.8								
4762	9.8	175146.7	-1511.8								
4763	9.6	175204.1	-1550.2								
4764	9.4	175209.2	-1539.5								
4765	9.2	175211.6	-1520.9								
4766	9.8	175217.9	-1528.3								
4767	8.7	175218.8	-1547.1								
4768	8.5	175224.5	-1502.7								
4769	8.2	175227.1	-1515.9								
4770	9.5	175232.1	-1548.4								
4771	9.8	175237.8	-1548.8								
4772	9.8	175243.2	-1509.2								
4773	10.	175246.8	-1503.6								
4774	9.4	175258.1	-1543.4								
4775	8.2	175258.5	-1520.6								

-15 4776 17h52m

-15 5135 18h45m

4776	9.5	175259.0	-1504.8	4866	9.3	180415.9	-1502.8	4956	9.8	181534.0	-1533.6
4777	9.0	175303.9	-1540.8	4867	9.5	180428.0	-1533.2	4957	9.2	181538.7	-1556.8
4778	9.1	175331.2	-1538.6	4868	8.0	180438.3	-1513.4	4958	9.5	181552.0	-1533.3
4779	9.5	175333.1	-1513.3	4869	9.3	180441.2	-1519.7	4959	8.3	181620.7	-1527.7
4780	9.5	175340.0	-1519.5	4870	9.4	180446.1	-1527.6	4960	9.5	181643.7	-1543.1
4781	9.5	175347.8	-1532.5	4871	9.4	180455.1	-1551.7	4961	9.4	181652.0	-1514.0
4782	9.5	175350.6	-1548.8	4872	9.5	180457.2	-1544.7	4962	8.7	181656.5	-1512.1
4783	9.8	175400.7	-1541.9	4873	9.2	180511.6	-1551.4	4963	9.3	181659.4	-1530.0
4784	9.4	175412.1	-1517.1	4874	7.5	180515.7	-1537.6	4964	9.4	181700.8	-1507.1
4785	9.5	175418.5	-1554.4	4875	9.2	180518.3	-1525.4	4965	7.8	181720.0	-1513.6
4786	9.8	175428.0	-1557.5	4876	9.0	180520.6	-1544.1	4966	9.8	181728.4	-1529.4
4787	9.5	175445.6	-1550.0	4877	9.5	180529.0	-1514.9	4967	9.8	181740.7	-1552.3
4788	10.	175446.5	-1537.9	4878	9.1	180529.1	-1550.6	4968	9.2	181741.9	-1553.6
4789	9.5	175451.6	-1527.0	4879	9.8	180532.4	-1501.5	4969	10.	181800.1	-1521.6
4790	9.7	175453.0	-1535.9	4880	9.7	180545.4	-1553.5	4970	7.5	181804.2	-1542.3
4791	9.8	175523.5	-1539.7	4881	9.9	180548.3	-1512.6	4971	9.2	181900.7	-1546.9
4792	9.4	175533.6	-1520.2	4882	9.8	180556.2	-1515.3	4972	7.3	181912.4	-1527.6
4793	9.3	175541.0	-1521.3	4883	9.5	180558.1	-1523.4	4973	9.8	181931.3	-1529.4
4794	9.5	175542.0	-1503.8	4884	9.5	180558.3	-1508.0	4974	9.9	181937.0	-1527.7
4795	10.	175552.5	-1557.6	4885	9.5	180609.2	-1540.6	4975	9.3	181952.7	-1535.8
4796	9.5	175555.4	-1549.5	4886	9.5	180611.8	-1511.6	4976	9.8	182006.9	-1550.6
4797	9.5	175556.2	-1544.2	4887	9.3	180615.3	-1503.9	4977	9.1	182009.9	-1553.5
4798	9.5	175557.3	-1504.0	4888	9.3	180619.0	-1557.2	4978	9.8	182012.0	-1517.7
4799	9.5	175601.3	-1528.8	4889	7.1	180638.4	-1525.5	4979	9.3	182028.8	-1538.4
4800	9.2	175609.2	-1538.7	4890	8.9	180648.8	-1542.2	4980	9.5	182052.2	-1534.4
4801	9.3	175611.8	-1504.9	4891	9.8	180652.5	-1514.5	4981	9.3	182058.1	-1522.3
4802	9.4	175617.3	-1528.3	4892	9.6	180653.7	-1500.8	4982	8.9	182059.8	-1522.3
4803	7.8	175622.6	-1521.9	4893	9.3	180702.1	-1559.8	4983	9.6	182105.2	-1541.3
4804	9.4	175625.5	-1530.7	4894	9.5	180719.1	-1538.5	4984	9.5	182109.8	-1509.3
4805	9.0	175625.7	-1542.7	4895	9.5	180719.2	-1505.8	4985	9.8	182110.0	-1530.4
4806	8.8	175628.4	-1500.8	4896	8.5	180719.6	-1556.1	4986	9.7	182143.7	-1531.7
4807	9.4	175635.5	-1536.9	4897	9.5	180730.0	-1556.2	4987	9.4	182149.3	-1525.3
4808	7.7	175638.3	-1517.2	4898	9.8	180735.9	-1522.4	4988	9.8	182206.8	-1544.0
4809	9.7	175649.0	-1531.4	4899	9.8	180739.4	-1508.8	4989	9.5	182209.5	-1513.7
4810	9.7	175720.8	-1513.3	4900	10.	180753.3	-1502.3	4990	9.8	182220.0	-1508.1
4811	9.8	175740.4	-1505.1	4901	9.6	180801.8	-1531.5	4991	8.3	182220.2	-1550.1
4812	9.3	175745.6	-1520.9	4902	9.5	180809.9	-1520.4	4992	10.	182228.9	-1519.1
4813	9.3	175755.4	-1503.5	4903	9.5	180812.1	-1541.9	4993	9.5	182231.6	-1522.5
4814	9.5	175755.9	-1527.7	4904	9.3	180824.6	-1559.5	4994	9.5	182234.8	-1541.0
4815	9.8	175756.2	-1517.1	4905	9.5	180828.9	-1534.0	4995	8.8	182237.5	-1501.5
4816	9.7	175757.9	-1549.6	4906	9.3	180830.8	-1542.4	4996	9.4	182244.3	-1528.3
4817	9.1	175812.7	-1540.8	4907	9.2	180848.6	-1526.7	4997	10.	182246.5	-1543.7
4818	9.5	175815.2	-1545.2	4908	9.0	180855.1	-1545.7	4998	9.9	182250.2	-1556.8
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4820	9.2	175853.0	-1504.3	4910	9.0	180857.6	-1539.5	5000	9.8	182320.5	-1547.0
4821	8.9	175856.6	-1534.1	4911	6.7	180918.9	-1528.9	5001	8.0	182332.0	-1516.8
4822	9.1	175909.5	-1500.2	4912	9.5	180941.5	-1553.1	5002	9.1	182336.3	-1546.1
4823	9.1	175920.6	-1549.0	4913	9.7	180955.6	-1538.1	5003	8.5	182407.8	-1537.8
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4827	9.3	175948.2	-1515.7	4917	9.8	181018.2	-1549.0	5007	9.3	182448.0	-1517.4
4828	9.5	180011.1	-1547.2	4918	9.8	181021.4	-1514.6	5008	9.5	182450.9	-1537.4
4829	9.3	180024.5	-1502.6	4919	9.5	181035.7	-1553.9	5009	9.9	182501.7	-1506.7
4830	9.0	180036.4	-1502.9	4920	9.5	181041.8	-1548.3	5010	9.2	182510.5	-1505.2
4831	9.3	180036.8	-1509.3	4921	9.1	181042.1	-1531.7	5011	9.5	182527.0	-1550.4
4832	8.9	180043.0	-1532.7	4922	9.2	181057.5	-1514.0	5012	9.8	182529.8	-1534.5
4833	9.2	180051.0	-1520.5	4923	9.0	181102.5	-1539.8	5013	9.6	182537.1	-1531.5
4834	8.5	180051.5	-1504.5	4924	9.5	181110.7	-1556.2	5014	9.7	182538.5	-1534.7
4835	9.3	180053.0	-1518.8	4925	9.5	181114.9	-1538.6	5015	9.8	182540.5	-1512.3
4836	10.	180106.7	-1542.6	4926	10.	181133.4	-1510.3	5016	8.9	182545.5	-1552.0
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4839	9.5	180118.2	-1543.9	4929	9.0	181200.2	-1516.8	5019	9.4	182604.9	-1538.1
4840	8.3	180124.9	-1518.2	4930	9.0	181202.0	-1507.6	5020	9.6	182612.0	-1500.7
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4844	9.5	180150.2	-1520.2	4934	9.3	181227.5	-1507.5	5024	9.0	182720.2	-1549.9
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4847	9.5	180222.0	-1533.4	4937	9.5	181240.9	-1511.5	5027	9.4	182800.6	-1501.8
4848	9.3	180229.5	-1553.3	4938	7.2	181243.9	-1517.3	5028	9.6	182818.5	-1513.7
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4850	10.	180302.3	-1535.5	4940	9.4	181308.7	-1525.8	5030	7.5	182851.1	-1508.4
4851	9.1	180315.1	-1543.6	4941	9.5	181310.5	-1505.6	5031	9.3	182903.6	-1508.0
4852	9.3	180315.4	-1526.8	4942	9.2	181323.6	-1542.8	5032	9.0	182907.1	-1502.8
4853	8.4	180323.8	-1513.7	4943	9.3	181332.9	-1516.9	5033	8.5	182924.9	-1532.7
4854	8.7	180324.7	-1536.9	4944	9.5	181336.8	-1518.6	5034	9.5	182929.9	-1529.0
4855	9.4	180329.1	-1525.5	4945	9.3	181347.3	-1509.1	5035	8.8	182930.1	-1503.0
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4858	9.7	180338.9	-1551.8	4948	9.5	181407.9	-1541.0	5038	9.5	183002.0	-1514.4
4859	9.1	180346.7	-1518.3	4949	9.5	181429.4	-1527.5	5039	9.5	183006.4	-1530.0
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4861	9.0	180358.2	-1535.9	4951	9.5	181439.3	-1525.1	5041	9.5	183039.5	-1534.1
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5083	9.5	183653.4	-1504.8								
5084	9.4	183703.7	-1528.1								
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5087	9.5	183810.8	-1520.0								
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5110	9.0	184137.4	-1547.3								
5111	9.3	184152.1	-1535.5								
5112	9.5	184210.9	-1510.4								
5113	9.1	184213.9	-1526.4								
5114	9.6	184220.9	-1557.6								
5115	9.6	184226.8	-1524.2								
5116	9.5	184233.0	-1530.4								
5117	9.0	184237.3	-1525.1								
5118	9.5	184242.6	-1516.8								
5119	9.5	184243.4	-1529.5								
5120	9.1	184248.4	-1545.6								
5121	9.6	184252.9	-1513.2								
5122	9.5	184311.8	-1519.2								
5123	9.5	184313.9	-1508.5								
5124	9.3	184317.2	-1549.7								
5125	9.1	184321.3	-1521.3								
5126	9.6	184326.4	-1516.9								
5127	9.8	184331.4	-1556.1								
5128	9.8	184332.7	-1525.9								
5129	9.0	184359.7	-1535.6								
5130	10.	184414.9	-1547.4								
5131	9.8	184424.2	-1539.7								
5132	8.0	184437.4	-1529.8								
5133	8.6	184455.0	-1536.2								
5134	9.7	184457.5	-1542.4								
5135	9.6	184517.9	-1504.5								

-15 5136 18h45m

5136	9.8	184522.4	-1528.1	5226	9.0	185747.6	-1504.9	5316	9.6	191147.7	-1554.3
5137	9.4	184537.9	-1547.7	5227	9.8	185750.1	-1510.7	5317	9.6	191147.8	-1551.2
5138	8.7	184554.4	-1511.1	5228	8.8	185754.9	-1521.5	5318	8.8	191203.5	-1537.6
5139	9.8	184605.8	-1524.4	5229	9.5	185802.4	-1524.9	5319	9.4	191209.7	-1526.9
5140	9.0	184610.4	-1554.7	5230	9.5	185804.6	-1554.7	5320	9.5	191211.0	-1529.6
5141	9.6	184617.7	-1544.3	5231	7.8	185826.2	-1541.3	5321	9.1	191218.2	-1533.9
5142	9.5	184621.3	-1527.5	5232	9.5	185833.0	-1517.3	5322	9.5	191257.5	-1546.4
5143	5.7	184623.3	-1546.4	5233	9.2	185843.4	-1520.2	5323	9.5	191300.5	-1547.1
5144	9.4	184623.8	-1519.5	5234	9.1	185851.8	-1550.5	5324	9.5	191323.3	-1502.9
5145	9.8	184625.6	-1538.1	5235	9.8	185854.5	-1553.0	5325	8.7	191325.5	-1550.6
5146	8.8	184629.1	-1524.4	5236	9.6	185859.5	-1534.5	5326	9.3	191335.2	-1514.8
5147	9.3	184643.0	-1512.3	5237	9.4	185907.8	-1530.8	5327	9.5	191344.8	-1558.7
5148	9.4	184651.0	-1542.4	5238	10.	185908.0	-1506.7	5328	9.4	191350.3	-1509.5
5149	8.2	184655.5	-1555.2	5239	9.2	185916.6	-1522.9	5329	9.5	191356.5	-1558.5
5150	9.3	184658.4	-1554.0	5240	9.2	185918.3	-1503.3	5330	9.5	191409.5	-1548.2
5151	9.2	184723.0	-1528.1	5241	9.5	185920.0	-1508.5	5331	9.0	191438.7	-1506.8
5152	9.2	184733.4	-1508.3	5242	8.4	185930.8	-1520.8	5332	8.5	191444.2	-1550.7
5153	9.1	184813.4	-1526.2	5243	9.2	185941.8	-1526.8	5333	8.5	191444.8	-1511.0
5154	7.5	184829.8	-1502.6	5244	9.5	190004.5	-1517.6	5334	9.0	191457.0	-1553.4
5155	9.5	184839.5	-1552.9	5245	9.8	190010.7	-1548.2	5335	8.8	191502.0	-1533.7
5156	9.6	184858.5	-1552.9	5246	9.1	190044.1	-1559.0	5336	9.5	191513.6	-1520.4
5157	8.9	184914.0	-1552.7	5247	9.0	190044.4	-1530.5	5337	9.3	191520.0	-1552.7
5158	9.8	184936.8	-1515.3	5248	9.4	190045.8	-1524.5	5338	9.2	191549.0	-1557.2
5159	8.8	185009.2	-1531.0	5249	9.3	190046.5	-1509.1	5339	9.5	191606.8	-1531.7
5160	9.5	185032.5	-1545.0	5250	8.9	190059.8	-1546.4	5340	9.5	191627.1	-1540.5
5161	9.8	185049.0	-1511.1	5251	9.5	190119.1	-1529.4	5341	8.2	191638.2	-1518.2
5162	9.6	185049.3	-1527.4	5252	9.5	190142.3	-1528.9	5342	9.5	191651.3	-1504.0
5163	9.8	185055.9	-1522.7	5253	9.2	190151.3	-1553.1	5343	9.5	191701.0	-1545.4
5164	9.3	185057.5	-1538.4	5254	9.4	190153.8	-1559.9	5344	9.8	191718.7	-1509.7
5165	9.6	185125.8	-1527.4	5255	9.1	190154.3	-1526.6	5345	9.8	191719.6	-1530.2
5166	8.7	185126.6	-1530.5	5256	9.5	190223.9	-1525.9	5346	8.7	191733.3	-1555.7
5167	9.3	185135.0	-1500.4	5257	9.4	190225.8	-1557.2	5347	10.	191733.4	-1552.4
5168	8.3	185140.5	-1553.7	5258	10.	190229.6	-1554.3	5348	6.5	191755.7	-1520.2
5169	9.0	185144.5	-1556.6	5259	7.5	190235.0	-1518.7	5349	8.5	191801.9	-1529.1
5170	9.5	185145.2	-1514.6	5260	9.5	190246.8	-1545.6	5350	9.1	191803.6	-1537.1
5171	10.	185146.4	-1516.6	5261	9.4	190248.8	-1552.5	5351	9.3	191831.1	-1555.6
5172	9.5	185206.0	-1543.8	5262	9.5	190251.8	-1551.7	5352	9.0	191835.6	-1550.3
5173	10.	185208.2	-1516.6	5263	9.1	190257.8	-1546.5	5353	8.5	191842.9	-1534.6
5174	10.	185210.5	-1507.9	5264	8.4	190300.6	-1534.6	5354	9.4	191849.9	-1535.4
5175	9.7	185225.9	-1513.4	5265	8.7	190306.6	-1526.5	5355	9.8	191855.7	-1522.8
5176	10.	185227.9	-1504.1	5266	9.8	190330.4	-1513.5	5356	10.	191905.7	-1523.6
5177	9.8	185232.8	-1528.2	5267	10.	190335.9	-1545.7	5357	9.1	191907.6	-1535.9
5178	9.0	185240.3	-1534.0	5268	9.3	190351.3	-1543.1	5358	9.7	191914.0	-1528.2
5179	9.5	185241.0	-1546.6	5269	9.4	190400.4	-1523.7	5359	9.5	191939.2	-1536.0
5180	9.9	185245.4	-1518.5	5270	9.5	190413.0	-1503.1	5360	9.3	192018.6	-1533.5
5181	9.8	185249.5	-1548.8	5271	10.	190425.3	-1559.1	5361	9.4	192019.5	-1519.5
5182	10.	185251.7	-1502.5	5272	10.	190434.4	-1543.6	5362	7.2	192020.9	-1523.4
5183	10.	185256.2	-1513.5	5273	9.3	190437.7	-1513.4	5363	9.4	192036.6	-1546.7
5184	10.	185308.3	-1508.1	5274	8.7	190438.9	-1515.2	5364	9.4	192044.3	-1509.9
5185	6.5	185316.1	-1528.8	5275	9.7	190441.2	-1520.1	5365	9.9	192050.2	-1529.2
5186	9.8	185331.2	-1512.8	5276	9.9	190446.9	-1538.2	5366	7.1	192117.9	-1539.1
5187	9.2	185338.0	-1559.0	5277	9.7	190503.9	-1553.6	5367	8.8	192146.6	-1531.2
5188	9.9	185349.2	-1518.3	5278	9.2	190522.5	-1540.5	5368	9.1	192153.1	-1535.9
5189	9.4	185359.0	-1548.2	5279	9.1	190525.1	-1547.4	5369	9.9	192225.8	-1510.0
5190	8.8	185402.1	-1544.3	5280	9.5	190536.4	-1553.0	5370	9.5	192228.2	-1531.0
5191	9.6	185404.1	-1506.6	5281	9.3	190536.9	-1558.2	5371	9.5	192231.4	-1515.6
5192	9.0	185411.1	-1557.7	5282	9.0	190547.5	-1502.9	5372	9.7	192235.9	-1503.7
5193	9.8	185419.0	-1550.4	5283	9.6	190606.3	-1548.9	5373	9.5	192248.7	-1557.2
5194	9.8	185421.7	-1518.8	5284	9.1	190625.9	-1537.9	5374	9.5	192303.5	-1516.9
5195	9.5	185421.8	-1552.5	5285	9.5	190634.1	-1532.5	5375	9.8	192314.0	-1524.3
5196	9.5	185438.0	-1545.5	5286	9.4	190637.0	-1512.3	5376	9.5	192339.1	-1555.7
5197	9.1	185439.1	-1557.6	5287	9.5	190652.1	-1504.4	5377	9.7	192346.8	-1525.7
5198	8.9	185442.9	-1522.5	5288	9.5	190722.0	-1554.8	5378	9.5	192347.1	-1510.5
5199	8.3	185447.6	-1504.9	5289	9.3	190724.7	-1554.8	5379	9.1	192351.3	-1500.9
5200	9.1	185448.5	-1543.3	5290	7.7	190727.1	-1505.2	5380	9.3	192409.4	-1514.3
5201	9.1	185455.3	-1552.9	5291	9.5	190743.2	-1520.2	5381	9.4	192423.7	-1542.7
5202	9.3	185456.2	-1535.8	5292	9.5	190752.8	-1511.3	5382	9.0	192434.8	-1537.4
5203	9.8	185509.1	-1514.4	5293	9.0	190753.9	-1550.3	5383	9.5	192441.7	-1534.5
5204	8.5	185513.0	-1529.5	5294	9.5	190820.1	-1512.2	5384	9.5	192443.6	-1525.5
5205	9.5	185515.1	-1501.0	5295	9.5	190822.5	-1531.8	5385	9.1	192451.7	-1548.7
5206	9.7	185527.6	-1521.3	5296	9.5	190835.7	-1524.3	5386	7.8	192500.8	-1518.7
5207	10.	185533.0	-1510.1	5297	9.6	190836.0	-1528.8	5387	8.8	192510.3	-1503.7
5208	9.4	185533.9	-1539.0	5298	9.1	190848.6	-1501.8	5388	9.5	192516.2	-1556.4
5209	9.5	185534.7	-1514.7	5299	9.6	190856.6	-1511.0	5389	9.8	192518.7	-1538.0
5210	9.4	185546.0	-1549.1	5300	9.8	190917.2	-1552.5	5390	9.6	192533.7	-1524.3
5211	9.1	185549.2	-1533.3	5301	9.5	190919.6	-1511.5	5391	9.8	192544.8	-1524.1
5212	9.5	185603.5	-1553.5	5302	9.1	190923.1	-1513.3	5392	9.4	192546.7	-1521.7
5213	9.5	185620.1	-1509.8	5303	9.8	190928.9	-1505.2	5393	9.3	192547.8	-1531.3
5214	9.8	185623.3	-1548.5	5304	9.1	190948.6	-1500.2	5394	9.2	192555.4	-1532.4
5215	9.5	185630.3	-1552.8	5305	10.	191012.0	-1519.2	5395	9.4	192559.3	-1528.5
5216	10.	185640.0	-1510.7	5306	9.3	191013.2	-1542.3	5396	9.2	192601.6	-1508.3
5217	9.8	185650.1	-1508.1	5307	9.8	191016.0	-1521.6	5397	9.0	192604.3	-1523.2
5218	10.	185702.7	-1502.3	5308	8.8	191025.3	-1503.5	5398	9.5	192612.6	-1519.9
5219	10.	185706.8	-1526.1	5309	9.8	191043.6	-1500.0	5399	9.5	192619.4	-1510.5
5220	9.1	185708.8	-1543.2	5310	6.0	191044.4	-1546.9	5400	9.8	192627.1	-1503.1
5221	9.5	185708.9	-1537.6	5311	10.	191101.4	-1507.8	5401	9.9	192709.4	-1534.2
5222	9.1	185710.5	-1554.6	5312	9.1	191101.6	-1517.9	5402	10.	192712.5	-1543.2
5223	5.8	185721.6	-1552.6	5313	9.6	191106.0	-1543.1	5403	9.2	192721.3	-1528.5
5224	9.4	185729.5	-1549.7	5314	9.0	191127.0	-1554.5	5404	9.0	192733.2	-1552.5
5225	9.0	185744.6	-1552.1	5315	9.3	191135.3	-1521.6	5405	9.6	192733.6	-1506.1

-15 5495 19h44m

5406	9.5	192740.0	-1511.7								
5407	9.0	192846.5	-1513.0								
5408	9.4	192915.1	-1531.2								
5409	9.5	192927.4	-1503.5								
5410	8.5	192934.5	-1505.2								
5411	8.7	192951.4	-1518.2								
5412	9.0	192952.3	-1550.2								
5413	9.1	193004.8	-1546.5								
5414	9.6	193010.2	-1533.2								
5415	9.5	193027.6	-1524.7								
5416	9.5	193028.4	-1507.4								
5417	9.5	193048.4	-1549.0								
5418	9.2	193110.7	-1524.8								
5419	9.5	193120.9	-1542.3								
5420	6.8	193138.1	-1529.6								
5421	7.8	193141.0	-1510.7								
5422	9.5	193148.2	-1547.4								
5423	9.4	193151.5	-1515.3								
5424	8.9	193155.5	-1536.5								
5425	9.6	193201.9	-1530.2								
5426	9.5	193205.9	-1532.7								
5427	9.7	193214.0	-1511.2								
5428	8.8	193219.8	-1553.0								
5429	9.8	193223.4	-1548.1								
5430	9.8	193240.5	-1520.2								
5431	8.3	193244.9	-1544.1								
5432	8.9	193311.4	-1501.5								
5433	9.6	193349.3	-1557.1								
5434	9.5	193402.0	-1510.0								
5435	9.5	193403.4	-1527.6								
5436	8.5	193404.0	-1518.0								
5437	9.5	193406.5	-1504.1								
5438	8.4	193435.6	-1541.1								
5439	9.6	193450.4	-1514.0								
5440	9.5	193452.7	-1538.5								
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5443	9.5	193516.7	-1519.8								
5444	6.0	193517.0	-1548.1								
5445	9.1	193540.4	-1537.2								
5446	9.5	193558.7	-1556.7								
5447	9.5	193603.7	-1524.4								
5448	9.1	193608.7	-1520.7								
5449	9.4	193628.4	-1551.7								
5450	9.4	193629.6	-1526.2								
5451	9.3	193630.1	-1556.5								
5452	9.6	193633.3	-1515.6								
5453	9.1	193656.7	-1529.1								
5454	9.5	193658.6	-1533.8								
5455	8.7	193700.1	-1527.2								
5456	9.4	193708.6	-1530.9								
5457	9.5	193709.4	-1525.6								
5458	9.0	193709.4	-1540.1								
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5460	9.5	193808.3	-1500.0								
5461	9.3	193826.5	-1559.1								
5462	9.0	193832.1	-1514.1								
5463	9.0	193832.4	-1524.0								
5464	9.5	193833.2	-1531.6								
5465	8.8	193835.9	-1542.2								
5466	8.6	193914.7	-1521.1								
5467	9.0	193932.0	-1538.4								
5468	9.2	193949.4	-1525.0								
5469	9.2	193951.8	-1511.6								
5470	9.6	193959.0	-1526.6								
5471	9.8	194014.0	-1529.1								
5472	8.6	194044.1	-1526.3								
5473	9.4	194059.6	-1547.2								
5474	9.5	194104.1	-1506.3								
5475	9.3	194123.3	-1511.4								
5476	9.4	194137.0	-1538.9								
5477	9.5	194148.0	-1524.3								
5478	7.8	194210.2	-1517.5								
5479	8.0	194213.5	-1547.1								
5480	9.9	194236.9	-1559.4								
5481	8.3	194301.0	-1531.4								
5482	9.5	194311.5	-1548.3								
5483	8.8	194314.8	-1558.2								
5484	7.0	194330.4	-1508.3								
5485	9.5	194340.6	-1500.4								
5486	9.5	194347.6	-1558.2								
5487	9.3	194359.9	-1510.5								
5488	9.1	194405.6	-1554.5								
5489	9.5	194409.5	-1548.0								
5490	8.5	194414.7	-1549.9								
5491	9.3	194428.6	-1557.5								
5492	8.3	194429.8	-1547.2								
5493	9.3	194446.9	-1515.0								
5494	8.9	194451.4	-1526.6								
5495	8.7	194453.8	-1524.5								

5496	9.8	194453.9	-1504.1	5586	9.1	200521.0	-1528.9	5676	10.	202002.5	-1512.5
5497	9.3	194454.5	-1535.2	5587	9.3	200539.7	-1547.9	5677	9.5	202008.4	-1506.3
5498	9.3	194502.3	-1517.2	5588	9.1	200552.9	-1541.5	5678	9.2	202022.5	-1515.9
5499	9.8	194518.9	-1508.0	5589	9.5	200554.4	-1521.9	5679	8.8	202023.3	-1510.7
5500	9.8	194538.8	-1511.0	5590	9.3	200610.2	-1515.8	5680	9.5	202023.7	-1554.2
5501	9.0	194604.1	-1540.6	5591	9.7	200617.7	-1522.5	5681	9.5	202039.0	-1531.5
5502	9.3	194730.2	-1552.9	5592	8.0	200622.4	-1546.0	5682	9.4	202052.2	-1551.1
5503	9.3	194732.9	-1516.5	5593	9.0	200631.9	-1547.3	5683	8.3	202054.2	-1532.0
5504	8.0	194743.1	-1546.8	5594	9.3	200641.7	-1512.7	5684	9.8	202125.6	-1503.0
5505	9.3	194752.8	-1520.8	5595	9.5	200702.8	-1527.8	5685	9.5	202130.6	-1524.7
5506	9.4	194804.6	-1541.0	5596	9.5	200714.1	-1552.6	5686	9.5	202132.9	-1551.3
5507	10.	194807.1	-1506.7	5597	8.3	200714.2	-1512.9	5687	9.4	202145.7	-1510.2
5508	9.8	194809.8	-1549.2	5598	9.5	200715.5	-1515.4	5688	9.8	202159.0	-1531.6
5509	9.7	194815.6	-1503.0	5599	9.0	200729.2	-1520.0	5689	9.5	202203.2	-1534.8
5510	9.5	194834.5	-1531.6	5600	9.4	200733.4	-1537.8	5690	9.8	202203.7	-1507.3
5511	9.5	194843.4	-1516.0	5601	9.5	200744.4	-1533.6	5691	9.6	202205.0	-1504.0
5512	9.0	194904.2	-1539.3	5602	9.8	200753.8	-1509.7	5692	9.5	202207.1	-1548.6
5513	7.8	194920.1	-1550.1	5603	9.3	200820.5	-1537.4	5693	9.1	202208.3	-1535.4
5514	9.6	194921.5	-1502.8	5604	9.3	200827.7	-1522.4	5694	9.5	202226.4	-1511.7
5515	10.	194923.0	-1548.7	5605	9.4	200833.4	-1524.1	5695	9.8	202227.5	-1526.7
5516	5.3	194943.7	-1552.4	5606	7.3	200835.0	-1537.3	5696	6.3	202255.9	-1532.1
5517	10.	194947.1	-1531.3	5607	8.8	200853.1	-1557.7	5697	9.0	202311.6	-1516.9
5518	8.2	194956.9	-1521.7	5608	9.4	200856.3	-1510.4	5698	8.8	202334.3	-1529.1
5519	9.5	195009.3	-1505.2	5609	9.1	200908.9	-1536.7	5699	10.	202350.3	-1509.5
5520	9.5	195028.4	-1517.9	5610	9.4	200913.1	-1540.7	5700	9.6	202356.5	-1532.0
5521	9.5	195030.4	-1506.4	5611	9.5	200919.0	-1553.7	5701	9.0	202410.6	-1545.2
5522	9.5	195054.7	-1559.6	5612	9.3	200944.8	-1516.5	5702	9.5	202418.2	-1549.2
5523	9.0	195055.2	-1523.2	5613	8.1	201013.8	-1517.4	5703	9.5	202435.8	-1557.5
5524	9.7	195122.6	-1531.6	5614	9.8	201023.7	-1518.1	5704	9.5	202439.4	-1547.6
5525	9.7	195123.1	-1548.0	5615	9.0	201053.8	-1517.7	5705	9.9	202445.3	-1529.4
5526	9.5	195135.9	-1548.8	5616	9.0	201111.1	-1531.5	5706	8.9	202452.9	-1534.2
5527	9.4	195212.5	-1543.7	5617	8.8	201124.8	-1555.7	5707	9.8	202453.8	-1529.6
5528	9.6	195212.5	-1551.0	5618	9.8	201124.9	-1512.2	5708	8.5	202513.5	-1542.3
5529	9.8	195213.4	-1523.0	5619	8.0	201143.8	-1528.0	5709	9.8	202525.9	-1548.2
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5533	9.4	195309.7	-1556.2	5623	9.5	201213.9	-1517.3	5713	9.6	202603.2	-1501.4
5534	8.0	195309.9	-1508.4	5624	9.1	201223.3	-1505.0	5714	9.0	202612.2	-1504.4
5535	9.1	195355.8	-1528.3	5625	9.3	201232.8	-1551.7	5715	9.0	202613.5	-1552.8
5536	9.3	195408.5	-1528.3	5626	7.0	201237.9	-1514.0	5716	8.3	202615.3	-1559.0
5537	9.3	195429.4	-1510.1	5627	8.8	201243.1	-1555.7	5717	8.0	202619.7	-1522.2
5538	9.5	195433.1	-1559.4	5628	8.0	201249.1	-1552.6	5718	9.0	202653.2	-1514.0
5539	8.5	195443.8	-1535.5	5629	8.0	201251.8	-1513.8	5719	9.4	202709.4	-1535.3
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5542	9.1	195542.5	-1535.0	5632	9.0	201315.4	-1528.3	5722	9.3	202737.3	-1533.8
5543	8.8	195544.9	-1527.7	5633	9.2	201317.8	-1530.0	5723	9.4	202754.7	-1556.6
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5545	9.4	195615.0	-1554.5	5635	9.8	201334.8	-1513.5	5725	8.3	202810.0	-1548.6
5546	9.8	195625.9	-1514.5	5636	9.4	201335.5	-1549.8	5726	9.1	202810.3	-1555.7
5547	8.7	195628.6	-1500.8	5637	10.	201405.9	-1511.4	5727	9.4	202812.7	-1504.4
5548	9.8	195628.6	-1531.0	5638	9.9	201415.0	-1504.5	5728	9.8	202819.2	-1530.6
5549	9.3	195629.2	-1523.8	5639	9.6	201421.4	-1504.9	5729	9.4	202822.4	-1527.0
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5551	10.	195711.0	-1517.5	5641	9.0	201459.6	-1542.7	5731	9.0	202906.7	-1514.4
5552	8.8	195715.6	-1530.2	5642	9.5	201500.4	-1558.3	5732	6.8	202913.2	-1538.5
5553	9.5	195728.7	-1535.0	5643	9.5	201507.5	-1537.9	5733	9.1	202934.3	-1544.1
5554	8.5	195731.0	-1549.4	5644	9.2	201509.4	-1556.5	5734	9.0	202945.9	-1559.3
5555	9.2	195739.2	-1531.7	5645	9.1	201518.4	-1514.4	5735	9.5	203012.7	-1543.4
5556	9.2	195801.5	-1511.0	5646	9.3	201521.9	-1516.8	5736	9.0	203039.8	-1503.6
5557	8.0	195813.9	-1519.0	5647	9.4	201550.0	-1507.3	5737	9.4	203041.9	-1555.1
5558	9.1	195850.6	-1529.9	5648	9.5	201551.9	-1531.1	5738	9.0	203046.7	-1547.5
5559	8.8	195914.3	-1540.7	5649	9.0	201555.3	-1526.8	5739	8.8	203048.8	-1512.3
5560	9.4	195952.4	-1552.0	5650	9.1	201614.1	-1545.9	5740	9.5	203051.1	-1508.6
5561	9.5	195957.1	-1508.6	5651	9.5	201622.0	-1547.6	5741	9.7	203102.8	-1545.7
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5563	9.2	200014.6	-1509.4	5653	9.5	201624.7	-1532.0	5743	5.3	203109.6	-1527.0
5564	6.6	200018.5	-1526.7	5654	9.5	201634.0	-1549.6	5744	9.3	203113.1	-1531.4
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5569	9.5	200218.3	-1542.0	5659	9.2	201742.0	-1505.9	5749	9.8	203205.3	-1553.2
5570	9.5	200220.8	-1531.0	5660	9.0	201748.7	-1553.9	5750	8.3	203219.2	-1553.1
5571	9.8	200221.6	-1547.0	5661	8.7	201753.0	-1510.8	5751	9.8	203229.4	-1503.0
5572	9.5	200247.2	-1540.2	5662	9.3	201753.1	-1531.2	5752	9.0	203230.6	-1555.4
5573	9.1	200254.1	-1508.7	5663	7.4	201755.2	-1527.0	5753	8.9	203233.3	-1555.0
5574	9.8	200254.7	-1500.3	5664	9.5	201803.1	-1546.9	5754	9.0	203240.8	-1525.5
5575	9.5	200301.6	-1523.0	5665	8.8	201808.4	-1537.5	5755	7.9	203255.4	-1501.2
5576	8.5	200306.0	-1555.2	5666	9.8	201823.0	-1528.9	5756	8.8	203300.3	-1539.5
5577	9.6	200356.8	-1527.1	5667	9.5	201827.8	-1548.5	5757	9.7	203312.4	-1516.5
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5580	8.8	200435.4	-1541.7	5670	8.0	201855.5	-1515.1	5760	9.5	203332.1	-1554.2
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5583	9.8	200512.8	-1511.3	5673	9.8	201913.9	-1553.9	5763	9.5	203403.0	-1503.6
5584	8.5	200514.4	-1551.3	5674	9.3	201927.0	-1535.2	5764	10.	203404.6	-1528.7
5585	9.2	200518.0	-1528.1	5675	9.1	201944.8	-1535.7	5765	9.5	203517.7	-1525.4
5766	9.4	203523.5	-1500.1								
5767	7.8	203527.3	-1542.3								
5768	9.8	203550.2	-1501.5								
5769	9.1	203550.8	-1530.2								
5770	9.5	203552.9	-1507.3								
5771	9.8	203556.2	-1528.9								
5772	8.6	203618.5	-1533.7								
5773	10.	203619.6	-1522.1								
5774	9.7	203628.8	-1537.7								
5775	8.8	203639.8	-1528.7								
5776	9.5	203641.7	-1532.3								
5777	9.6	203642.6	-1544.2								
5778	10.	203656.0	-1548.8								
5779	9.6	203704.5	-1505.2								
5780	7.5	203716.2	-1533.2								
5781	9.8	203730.4	-1502.5								
5782	9.8	203747.0	-1518.4								
5783	9.1	203757.2	-1515.3								
5784	9.2	203800.1	-1534.9								
5785	9.1	203806.5	-1515.1								
5786	9.5	203817.9	-1548.5								
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5788	9.8	203833.5	-1503.9								
5789	9.1	203848.2	-1529.7								
5790	8.8	203903.0	-1505.6								
5791	9.5	203921.1	-1551.5								
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5793	9.2	203934.0	-1512.4								
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5796	8.5	204023.6	-1526.1								
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5803	9.0	204114.6	-1546.5								
5804	10.	204120.3	-1511.8								
5805	10.	204206.0	-1525.1								
5806	9.4	204213.5	-1544.0								
5807	9.5	204217.0	-1550.1								
5808	9.5	204219.4	-1545.8								
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5810	9.5	204234.1	-1515.2								
5811	9.5	204238.3	-1529.7								
5812	9.0	204245.9	-1549.3								
5813	8.9	204255.5	-1536.7								
5814	9.0	204301.4	-1547.8								
5815	9.5	204303.5	-1554.1								
5816	9.3	204308.6	-1508.1								
5817	9.5	204325.9	-1546.9								
5818	10.	204329.4	-1543.0								
5819	9.5	204353.0	-1544.1								
5820	9.4	204359.1	-1507.0								
5821	9.9	204417.0	-1558.8								
5822	9.4	204438.1	-1532.3								
5823	9.2	204442.9	-1535.7								
5824	9.3	204446.2	-1502.1								
5825	9.3	204528.0	-1558.2								
5826	9.7	204545.8	-1508.2								
5827	9.7	204552.3	-1507.3								
5828	9.8	204610.2	-1501.4								
5829	9.8	204630.4	-1522.9								
5830	9.5	204635.7	-1509.8								
5831	10.	204639.5	-1509.4								
5832	9.8	204641.0	-1530.5								
5833	7.5	204650.9	-1550.0								
5834	9.4	204656.4	-1536.8								
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5842	9.0	204911.4	-1530.0								
5843	9.5	204928.2	-1513.9								
5844	10.	204939.8	-1542.2								
5845	9.5	204945.4	-1532.8								
5846	8.3	204959.0	-1542.7								
5847	9.5	205008.0	-1514.2								
5848	6.0	205039.8	-1502.3								
5849	9.5	205041.3	-1559.1								
5850	9.8	205046.9	-1503.6								
5851	9.5	205109.2	-1552.4								
5852	8.8	205126.3	-1521.6								
5853	9.4	205132.4	-1527.7								
5854	9.4	205200.0	-1501.1								
5855	9.4	205203.8	-1522.3								

-15 5856 20h52m

-15 6215 22h17m

5856	9.2	205204.2	-1526.8	5946	9.8	211107.3	-1553.8	6036	10.	213330.2	-1505.3	6126	9.4	215444.4	-1533.3
5857	9.7	205205.7	-1519.6	5947	9.8	211117.2	-1509.6	6037	7.2	213331.7	-1529.8	6127	9.6	215454.1	-1532.0
5858	8.3	205210.0	-1540.5	5948	9.7	211130.6	-1543.7	6038	9.1	213353.5	-1545.2	6128	9.4	215530.9	-1523.7
5859	8.8	205213.9	-1502.2	5949	9.0	211133.4	-1500.0	6039	9.8	213402.9	-1557.7	6129	8.1	215531.0	-1538.9
5860	9.8	205226.3	-1501.9	5950	9.4	211139.5	-1516.7	6040	9.0	213411.3	-1516.8	6130	9.5	215543.2	-1539.5
5861	9.3	205228.8	-1515.8	5951	9.8	211207.9	-1501.2	6041	9.4	213420.2	-1517.6	6131	10.	215547.4	-1553.9
5862	9.4	205305.7	-1553.6	5952	9.8	211242.1	-1514.6	6042	9.0	213439.2	-1526.0	6132	10.	215636.7	-1554.1
5863	9.1	205327.2	-1555.0	5953	9.8	211243.3	-1540.4	6043	8.8	213446.9	-1559.4	6133	7.5	215636.8	-1508.7
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5865	9.2	205340.4	-1527.5	5955	9.5	211306.0	-1500.1	6045	9.3	213507.8	-1531.6	6135	9.5	215730.7	-1556.2
5866	10.	205401.4	-1554.3	5956	9.8	211316.6	-1515.9	6046	6.2	213509.8	-1503.6	6136	9.7	215731.4	-1504.8
5867	9.0	205420.1	-1558.9	5957	9.4	211323.0	-1510.9	6047	9.4	213510.7	-1513.4	6137	9.1	215752.3	-1534.8
5868	10.	205427.8	-1509.5	5958	8.0	211328.5	-1545.9	6048	9.1	213528.8	-1548.0	6138	9.4	215807.5	-1520.9
5869	9.5	205437.6	-1509.7	5959	9.0	211355.6	-1542.4	6049	10.	213533.9	-1536.3	6139	6.8	215819.8	-1535.6
5870	9.7	205455.0	-1510.3	5960	30.0	211358.9	-1546.7	6050	9.8	213543.3	-1507.0	6140	9.4	215839.3	-1507.7
5871	9.3	205459.1	-1545.0	5961	9.3	211404.9	-1532.0	6051	9.8	213558.6	-1536.5	6141	9.1	215850.1	-1526.3
5872	8.5	205510.1	-1523.9	5962	9.8	211407.5	-1512.0	6052	6.5	213605.1	-1524.5	6142	9.7	215943.1	-1529.2
5873	9.8	205518.9	-1521.7	5963	8.0	211416.7	-1531.7	6053	9.4	213608.8	-1546.7	6143	7.0	215944.9	-1511.7
5874	8.6	205527.1	-1544.2	5964	10.	211430.4	-1546.7	6054	10.	213703.7	-1544.3	6144	9.8	220022.2	-1510.4
5875	9.1	205536.8	-1549.6	5965	9.3	211433.4	-1523.4	6055	9.5	213720.3	-1538.5	6145	9.4	220028.1	-1559.2
5876	9.5	205601.3	-1524.1	5966	9.5	211442.3	-1540.5	6056	9.5	213725.2	-1552.8	6146	9.8	220030.1	-1505.1
5877	10.	205605.3	-1524.6	5967	9.5	211454.5	-1555.5	6057	9.5	213725.2	-1547.6	6147	9.6	220031.1	-1557.7
5878	9.2	205605.7	-1510.4	5968	9.5	211454.7	-1534.3	6058	8.5	213752.4	-1547.6	6148	9.8	220037.4	-1514.4
5879	9.5	205645.6	-1550.0	5969	9.8	211455.6	-1514.7	6059	9.1	213754.8	-1517.5	6149	9.6	220038.5	-1519.1
5880	9.8	205651.1	-1523.0	5970	9.5	211456.0	-1531.0	6060	9.0	213813.4	-1554.2	6150	8.7	220050.0	-1521.2
5881	8.2	205655.9	-1506.9	5971	9.1	211457.4	-1500.7	6061	8.8	213813.9	-1506.7	6151	8.7	220151.9	-1516.6
5882	9.4	205703.4	-1552.5	5972	8.8	211511.0	-1526.6	6062	9.8	213909.9	-1537.4	6152	8.7	220157.0	-1549.8
5883	9.2	205730.4	-1517.7	5973	9.5	211524.8	-1527.3	6063	9.5	213913.4	-1501.1	6153	10.	220206.7	-1548.9
5884	7.4	205734.5	-1528.8	5974	8.9	211533.9	-1539.3	6064	8.5	213914.9	-1521.4	6154	9.4	220207.2	-1539.3
5885	9.4	205752.7	-1533.6	5975	9.5	211536.3	-1528.8	6065	7.7	213915.9	-1511.0	6155	9.3	220218.0	-1540.7
5886	9.3	205809.5	-1521.8	5976	9.7	211603.8	-1533.4	6066	9.2	213929.5	-1553.3	6156	9.0	220222.0	-1542.3
5887	9.1	205829.2	-1543.3	5977	9.1	211607.3	-1555.9	6067	9.8	213942.8	-1512.5	6157	9.9	220312.9	-1533.5
5888	9.4	205835.7	-1558.1	5978	9.8	211631.0	-1557.0	6068	9.4	213942.9	-1533.7	6158	9.1	220323.7	-1532.6
5889	9.2	205853.1	-1505.0	5979	9.6	211654.6	-1512.0	6069	9.9	213953.9	-1543.9	6159	9.8	220339.3	-1508.3
5890	9.4	205920.1	-1551.0	5980	9.5	211806.9	-1547.6	6070	10.	213954.2	-1546.1	6160	9.8	220357.4	-1515.4
5891	9.4	205922.1	-1552.1	5981	9.8	211818.8	-1522.9	6071	9.8	214020.4	-1501.3	6161	9.7	220429.6	-1541.2
5892	9.5	205926.5	-1559.3	5982	9.1	211824.2	-1507.5	6072	8.3	214039.1	-1556.1	6162	9.1	220435.0	-1525.4
5893	9.2	205926.8	-1514.2	5983	7.8	211826.9	-1552.0	6073	9.5	214056.5	-1542.8	6163	9.6	220459.1	-1541.7
5894	9.5	205943.5	-1550.0	5984	9.5	211834.0	-1549.4	6074	9.4	214116.9	-1538.0	6164	9.1	220507.6	-1523.2
5895	10.	210002.7	-1526.9	5985	9.5	211917.1	-1538.8	6075	7.5	214117.7	-1547.4	6165	9.5	220534.3	-1556.6
5896	9.0	210017.2	-1555.2	5986	9.1	211922.1	-1548.0	6076	9.3	214210.0	-1523.7	6166	9.5	220537.8	-1543.5
5897	8.2	210023.6	-1528.8	5987	9.1	211931.0	-1530.2	6077	9.4	214259.6	-1547.5	6167	9.2	220601.6	-1535.1
5898	9.8	210051.3	-1503.2	5988	10.	211948.0	-1541.1	6078	8.8	214314.0	-1528.8	6168	9.0	220601.7	-1539.2
5899	9.8	210103.7	-1516.0	5989	9.8	211959.2	-1559.4	6079	9.4	214336.7	-1525.3	6169	7.3	220647.3	-1548.7
5900	9.5	210144.6	-1526.1	5990	8.9	212005.3	-1527.9	6080	9.2	214338.4	-1512.1	6170	9.4	220701.7	-1536.8
5901	9.7	210201.7	-1509.8	5991	9.6	212013.2	-1502.8	6081	9.7	214353.1	-1506.2	6171	9.3	220704.8	-1526.0
5902	10.	210229.6	-1534.0	5992	8.8	212051.7	-1527.5	6082	9.8	214408.3	-1557.0	6172	9.8	220720.3	-1542.2
5903	9.8	210241.6	-1520.1	5993	9.5	212052.6	-1551.9	6083	9.5	214425.8	-1529.9	6173	9.6	220745.8	-1543.5
5904	9.8	210247.6	-1503.6	5994	9.5	212059.9	-1558.3	6084	9.8	214428.2	-1525.4	6174	8.0	220812.4	-1509.1
5905	9.5	210247.7	-1538.9	5995	8.3	212157.8	-1547.4	6085	9.4	214458.8	-1521.6	6175	9.1	220819.1	-1503.5
5906	10.	210333.2	-1545.4	5996	9.2	212221.4	-1528.2	6086	9.8	214521.6	-1555.3	6176	9.5	220835.2	-1516.7
5907	9.7	210336.7	-1509.4	5997	8.7	212233.3	-1504.0	6087	8.2	214548.1	-1546.0	6177	9.8	220850.2	-1527.8
5908	6.3	210339.8	-1503.5	5998	9.4	212308.8	-1509.3	6088	9.1	214554.0	-1518.9	6178	8.3	220855.8	-1541.0
5909	9.7	210343.5	-1540.4	5999	9.4	212313.5	-1559.2	6089	9.8	214614.7	-1507.3	6179	8.8	220906.3	-1553.7
5910	8.2	210353.7	-1532.8	6000	9.6	212317.4	-1551.6	6090	8.8	214649.1	-1516.3	6180	7.2	220907.1	-1522.6
5911	7.8	210406.1	-1508.7	6001	10.	212352.0	-1516.0	6091	10.	214655.5	-1503.9	6181	9.9	220922.7	-1511.6
5912	10.	210415.9	-1507.4	6002	9.4	212354.9	-1551.1	6092	7.0	214705.3	-1556.3	6182	10.	220933.0	-1521.6
5913	7.5	210420.3	-1535.3	6003	9.6	212404.5	-1556.6	6093	9.8	214706.9	-1519.0	6183	9.4	220947.4	-1543.2
5914	9.5	210422.8	-1516.5	6004	9.1	212425.8	-1550.9	6094	9.8	214814.1	-1546.2	6184	9.5	221001.6	-1529.7
5915	10.	210428.4	-1559.6	6005	8.8	212443.1	-1506.6	6095	9.5	214831.3	-1549.9	6185	8.5	221017.8	-1513.5
5916	9.6	210442.7	-1547.0	6006	9.0	212503.8	-1557.5	6096	9.5	214838.0	-1543.9	6186	9.8	221026.2	-1556.4
5917	9.8	210456.7	-1522.5	6007	9.4	212522.5	-1530.9	6097	10.	214839.8	-1504.7	6187	9.6	221035.0	-1548.7
5918	9.8	210522.8	-1539.5	6008	9.2	212555.8	-1532.9	6098	9.8	214848.8	-1558.8	6188	8.5	221040.1	-1544.1
5919	9.5	210523.5	-1550.9	6009	9.2	212557.3	-1554.1	6099	9.8	214849.4	-1516.3	6189	9.0	221046.3	-1521.5
5920	9.8	210526.2	-1541.5	6010	9.8	212604.2	-1539.9	6100	9.1	214904.4	-1505.7	6190	9.4	221109.7	-1508.0
5921	9.5	210535.8	-1544.0	6011	9.6	212604.9	-1559.7	6101	9.6	214905.7	-1548.3	6191	9.8	221113.2	-1526.6
5922	8.3	210543.3	-1514.2	6012	8.5	212636.5	-1516.3	6102	9.4	214940.2	-1515.7	6192	9.0	221150.4	-1502.2
5923	8.5	210545.3	-1554.4	6013	9.8	212716.4	-1529.8	6103	6.3	214953.9	-1548.8	6193	9.5	221206.2	-1507.7
5924	10.	210551.7	-1555.0	6014	9.2	212716.7	-1515.0	6104	8.6	215018.3	-1546.8	6194	9.8	221206.5	-1544.8
5925	9.8	210555.8	-1544.1	6015	10.	212748.5	-1502.5	6105	9.1	215021.0	-1559.0	6195	8.6	221220.3	-1529.8
5926	9.3	210641.3	-1523.6	6016	9.8	212751.5	-1511.7	6106	9.3	215029.8	-1516.0	6196	8.5	221242.0	-1516.9
5927	9.7	210649.3	-1516.5	6017	9.3	212758.0	-1514.1	6107	8.8	215055.3	-1548.8	6197	8.0	221311.9	-1538.8
5928	9.0	210650.2	-1523.4	6018	10.	212758.6	-1518.1	6108	9.8	215108.8	-1510.4	6198	8.7	221328.5	-1542.1
5929	7.5	210708.3	-1543.5	6019	10.	212837.1	-1505.2	6109	8.9	215114.9	-1549.7	6199	10.	221344.8	-1525.0
5930	9.7	210721.7	-1523.0	6020	10.	212840.8	-1527.5	6110	8.2	215117.7	-1512.2	6200	8.0	221344.9	-1511.1
5931	9.0	210722.8	-1519.0	6021	9.6	212848.2	-1554.6	6111	8.2	215125.1	-1546.2	6201	9.5	221349.4	-1537.2
5932	8.8	210726.3	-1551.6	6022	10.	212850.6	-1558.3	6112	9.3	215125.2	-1529.1	6202	9.0	221420.4	-1535.8
5933	9.4	210726.3	-1519.9	6023	9.8	212858.5	-1511.7	6113	9.8	215137.1	-1535.2	6203	9.4	221428.7	-1519.8
5934	8.5	210729.4	-1500.0	6024	10.	212945.3	-1528.4	6114	9.5	215144.2	-1556.8	6204	9.5	221445.1	-1513.5
5935	5.0	210742.3	-1546.0	6025	9.3	213000.5	-1537.6	6115	9.5	215212.6	-1548.6	6205	9.6	221500.1	-1546.9
5936	9.8	210753.9	-1555.0	6026	10.	213013.1	-1505.1	6116	9.6	215225.5	-1529.6	6206	9.5	221502.4	-1512.2
5937	9.3	210824.4	-1554.4	6027	7.2	213016.3	-1533.4	6117	9.6	215228.4	-1520.9	6207	9.3	221505.0	-1548.0
5938	8.0	210834.3	-1525.0	6028	9.7	213124.7	-1557.9	6118	9.7	215302.6	-1546.2	6208	7.0	221533.3	-1540.2
5939	8.4	210846.8	-1541.7	6029	9.6	213136.1	-1515.5	6119	7.9	215335.2	-1501.4	6209	9.0	221556.4	-1502.5
5940	9.1	210852.0	-1504.9	6030	9.1	213209.2	-1538.4	6120	9.6	215357.7	-1500.8	6210	9.5	221609.9	-1512.8
5941	9.9	210902.3	-1521.1	6031	9.6	213215.0	-1554.9	6121	8.9	215417.2	-1540.0	6211	9.0	221616.2	-1551.5
5942	9.5	210930.5	-1528.4	6032	10.	213221.1	-1527.2	6122	10.	215422.1	-1552.1	6212	9.3	221619.1	-1538.4
5943	9.8	210958.4	-1513.1	6033	8.5	213240.1	-1502.4	6123	10.	215423.2	-1508.2	6213	9.4	221636.8	-1543.2
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5945	9.1	211051.5	-1542.7	6035	9.4	213317.6	-1538.9	6125	8.5	215426.4	-1502.4	6215	9.4	221704.5	-1519.4

6216	9.5	221711.5	-1530.0	6306	9.0	224934.6	-1535.8	6396	10.	231204.9	-1558.7	6486	9.1	233657.3	-1527.5
6217	9.5	221718.0	-1531.1	6307	9.3	224948.6	-1526.6	6397	9.4	231205.6	-1538.6	6487	8.1	233659.1	-1513.6
6218	9.8	221731.9	-1511.0	6308	8.7	225003.3	-1513.4	6398	10.	231216.0	-1533.8	6488	9.6	233719.4	-1530.4
6219	9.7	221743.5	-1554.0	6309	9.1	225012.3	-1525.8	6399	9.7	231233.7	-1539.1	6489	9.7	233720.5	-1539.3
6220	9.7	221745.0	-1524.5	6310	8.5	225014.7	-1504.1	6400	8.0	231244.2	-1511.3	6490	10.	233738.3	-1531.0
6221	8.0	221812.2	-1540.9	6311	10.	225030.9	-1546.8	6401	9.8	231253.1	-1506.6	6491	7.8	233822.4	-1533.6
6222	9.4	221829.8	-1559.0	6312	9.9	225118.8	-1511.5	6402	9.8	231258.6	-1528.2	6492	9.4	233823.7	-1510.0
6223	9.5	221903.2	-1539.9	6313	9.3	225133.9	-1516.2	6403	10.	231325.0	-1543.2	6493	9.8	233825.9	-1526.0
6224	9.5	221909.3	-1521.3	6314	8.3	225153.2	-1500.5	6404	9.2	231417.0	-1530.1	6494	8.3	233832.7	-1556.2
6225	9.4	221909.4	-1530.7	6315	8.8	225207.3	-1502.1	6405	10.	231457.7	-1558.9	6495	9.0	233841.2	-1517.8
6226	9.6	221912.2	-1543.1	6316	9.5	225230.2	-1538.4	6406	5.3	231502.7	-1549.7	6496	9.5	233900.7	-1557.1
6227	9.8	222014.1	-1533.3	6317	9.9	225239.3	-1501.0	6407	9.5	231514.6	-1547.2	6497	9.1	233955.3	-1521.7
6228	9.0	222037.3	-1535.5	6318	9.3	225247.8	-1534.3	6408	9.0	231521.8	-1558.4	6498	9.5	234038.3	-1523.6
6229	9.5	222140.8	-1557.9	6319	10.	225252.9	-1502.2	6409	9.4	231529.2	-1547.2	6499	10.	234100.8	-1557.8
6230	8.8	222201.4	-1533.5	6320	9.0	225258.5	-1513.1	6410	10.	231534.6	-1529.4	6500	8.6	234106.3	-1539.6
6231	6.8	222231.2	-1518.9	6321	8.2	225306.8	-1501.9	6411	9.1	231602.9	-1516.2	6501	8.8	234143.1	-1543.5
6232	9.0	222236.0	-1531.2	6322	9.8	225322.4	-1559.9	6412	8.5	231605.3	-1517.1	6502	9.0	234211.9	-1535.1
6233	9.0	222252.3	-1553.3	6323	9.8	225337.3	-1545.9	6413	9.0	231638.7	-1542.5	6503	8.4	234228.3	-1508.7
6234	8.0	222311.2	-1518.2	6324	10.	225344.4	-1510.6	6414	9.5	231706.7	-1502.4	6504	9.5	234239.8	-1506.0
6235	9.1	222314.4	-1552.3	6325	7.5	225345.8	-1503.0	6415	9.8	231744.7	-1540.9	6505	7.3	234258.4	-1523.1
6236	9.8	222321.9	-1549.7	6326	9.0	225347.4	-1559.1	6416	9.4	231819.3	-1509.6	6506	7.5	234259.0	-1547.1
6237	9.8	222322.2	-1558.2	6327	9.3	225403.2	-1539.2	6417	9.3	231820.5	-1500.4	6507	6.0	234304.8	-1512.3
6238	9.8	222407.6	-1500.1	6328	9.2	225416.6	-1524.4	6418	9.5	231841.9	-1558.2	6508	9.1	234307.4	-1516.8
6239	9.8	222409.0	-1534.8	6329	9.4	225423.8	-1547.6	6419	8.8	231843.5	-1530.6	6509	9.5	234338.4	-1549.6
6240	8.8	222446.9	-1539.4	6330	8.0	225429.8	-1544.9	6420	9.4	231857.4	-1534.5	6510	9.5	234408.3	-1515.4
6241	9.2	222452.4	-1545.2	6331	9.1	225451.6	-1538.4	6421	9.3	231859.5	-1518.6	6511	9.1	234412.2	-1538.2
6242	9.3	222628.3	-1518.6	6332	8.2	225504.9	-1502.3	6422	10.	231906.8	-1548.1	6512	10.	234445.0	-1511.1
6243	8.5	222641.5	-1551.8	6333	9.8	225513.8	-1531.2	6423	8.9	231923.7	-1525.3	6513	9.6	234447.9	-1554.2
6244	9.4	222645.1	-1525.9	6334	9.4	225515.0	-1506.9	6424	9.5	231923.9	-1547.0	6514	9.6	234450.8	-1505.1
6245	9.1	222649.3	-1553.0	6335	8.5	225522.4	-1553.5	6425	9.0	231939.7	-1537.5	6515	6.2	234503.5	-1503.4
6246	9.4	222702.3	-1510.2	6336	9.8	225533.5	-1526.3	6426	9.5	231943.4	-1558.9	6516	9.8	234514.7	-1532.1
6247	9.4	222833.3	-1526.3	6337	9.5	225644.0	-1526.4	6427	9.1	231957.6	-1518.3	6517	9.5	234520.3	-1525.8
6248	8.9	222913.6	-1505.5	6338	9.7	225647.7	-1536.9	6428	9.5	232003.3	-1508.7	6518	9.2	234541.0	-1525.2
6249	9.0	222916.1	-1522.7	6339	8.7	225707.2	-1522.4	6429	9.2	232030.5	-1511.8	6519	9.5	234626.8	-1503.6
6250	9.1	222930.7	-1543.6	6340	9.8	225753.7	-1546.9	6430	9.7	232041.5	-1522.3	6520	9.5	234759.6	-1523.3
6251	9.3	223012.4	-1513.8	6341	8.5	225754.1	-1550.0	6431	9.9	232042.1	-1534.7	6521	8.5	234802.4	-1539.2
6252	9.1	223023.3	-1558.7	6342	8.5	225756.6	-1510.7	6432	9.1	232117.0	-1555.7	6522	9.3	234804.3	-1524.7
6253	9.8	223047.9	-1530.0	6343	8.0	225818.2	-1513.4	6433	8.6	232123.1	-1506.5	6523	9.1	234905.7	-1533.8
6254	9.3	223100.1	-1534.4	6344	9.3	225821.0	-1542.2	6434	9.0	232124.4	-1520.6	6524	8.8	235031.0	-1529.3
6255	9.3	223128.8	-1547.4	6345	9.3	225821.6	-1547.1	6435	9.5	232126.9	-1510.7	6525	10.	235122.2	-1558.0
6256	9.5	223133.7	-1522.0	6346	8.9	225858.9	-1539.0	6436	9.6	232130.8	-1533.5	6526	9.5	235216.1	-1508.2
6257	7.8	223211.2	-1517.3	6347	9.0	225900.0	-1523.5	6437	9.7	232151.3	-1535.0	6527	9.0	235235.0	-1537.3
6258	8.3	223236.9	-1521.7	6348	9.0	225905.5	-1544.8	6438	9.8	232153.5	-1506.9	6528	8.5	235256.8	-1517.8
6259	9.4	223254.3	-1539.1	6349	9.9	225917.5	-1504.5	6439	9.7	232202.5	-1527.4	6529	9.1	235430.7	-1547.1
6260	10.	223342.4	-1540.7	6350	9.4	225952.9	-1524.9	6440	9.3	232303.0	-1553.6	6530	9.5	235437.9	-1559.9
6261	9.4	223522.1	-1502.7	6351	9.5	230006.9	-1532.8	6441	9.8	232306.4	-1545.6	6531	8.4	235441.7	-1529.5
6262	9.4	223526.0	-1543.5	6352	9.4	230008.7	-1528.1	6442	9.4	232321.5	-1542.0	6532	8.3	235522.3	-1550.8
6263	9.1	223526.3	-1503.5	6353	10.	230024.1	-1510.0	6443	8.3	232354.2	-1529.9	6533	9.6	235611.2	-1540.6
6264	7.5	223634.2	-1522.0	6354	10.	230055.7	-1534.4	6444	7.9	232412.0	-1536.4	6534	9.0	235639.9	-1554.8
6265	7.0	223637.7	-1525.9	6355	8.3	230059.7	-1549.4	6445	9.7	232421.7	-1533.0	6535	9.5	235641.5	-1559.0
6266	9.3	223641.7	-1528.1	6356	10.	230109.5	-1541.2	6446	7.8	232422.0	-1544.2	6536	9.1	235648.8	-1543.6
6267	10.	223702.4	-1536.1	6357	9.5	230127.6	-1507.3	6447	9.3	232434.7	-1519.5	6537	9.0	235755.4	-1552.0
6268	10.	223711.3	-1539.8	6358	9.2	230130.2	-1508.6	6448	9.4	232441.5	-1534.8	6538	9.5	235800.5	-1524.6
6269	9.1	223714.3	-1534.1	6359	9.1	230156.2	-1546.4	6449	9.4	232500.1	-1553.8	6539	7.3	235801.4	-1513.7
6270	9.5	223723.2	-1516.0	6360	6.5	230210.8	-1517.7	6450	9.3	232515.7	-1556.2	6540	9.4	235803.6	-1526.9
6271	9.8	223804.3	-1515.2	6361	8.9	230214.7	-1549.6	6451	8.9	232537.6	-1546.8	6541	8.8	235818.9	-1544.9
6272	8.9	223821.5	-1517.9	6362	9.2	230234.8	-1535.8	6452	9.1	232602.0	-1500.4	6542	9.0	235829.9	-1514.3
6273	9.5	223919.1	-1548.3	6363	9.4	230256.4	-1519.9	6453	9.5	232612.7	-1557.4	6543	9.5	235836.2	-1557.4
6274	8.3	223949.2	-1555.5	6364	9.9	230326.5	-1529.2	6454	9.0	232629.6	-1550.4	6544	9.3	235845.7	-1502.5
6275	9.4	224011.6	-1540.6	6365	8.4	230337.3	-1558.0	6455	8.0	232634.5	-1501.3	6545	9.5	235946.4	-1542.1
6276	9.7	224023.6	-1515.8	6366	9.3	230343.2	-1510.0	6456	9.8	232638.1	-1556.5	1	10.	00016.4	-1602.0
6277	9.5	224057.5	-1550.6	6367	9.3	230417.2	-1502.7	6457	9.2	232739.7	-1506.2	2	9.0	00026.2	-1608.2
6278	9.4	224110.4	-1511.6	6368	10.	230435.4	-1501.8	6458	9.4	232744.8	-1535.9	3	10.	00032.6	-1601.6
6279	10.	224136.3	-1554.9	6369	9.0	230511.3	-1547.6	6459	9.1	232905.4	-1530.5	4	9.6	00034.2	-1608.0
6280	9.4	224156.2	-1548.0	6370	9.6	230525.4	-1524.1	6460	9.6	232920.7	-1546.8	5	9.5	00042.7	-1649.7
6281	9.2	224231.0	-1513.5	6371	9.6	230558.8	-1543.7	6461	9.8	232945.8	-1556.4	6	8.9	00046.3	-1630.0
6282	8.6	224251.6	-1530.1	6372	9.4	230612.9	-1510.8	6462	8.5	232953.4	-1501.3	7	9.5	00053.9	-1646.5
6283	9.3	224320.3	-1531.3	6373	9.7	230628.4	-1510.3	6463	9.6	233011.8	-1531.9	8	9.5	00124.2	-1615.5
6284	9.8	224346.4	-1505.7	6374	8.3	230705.6	-1514.2	6464	6.5	233030.3	-1553.3	9	10.	00136.2	-1614.1
6285	8.8	224401.4	-1558.6	6375	9.9	230720.7	-1548.0	6465	8.5	233050.5	-1524.9	10	10.	00200.3	-1621.2
6286	9.0	224423.6	-1512.1	6376	8.8	230722.6	-1556.0	6466	9.9	233107.2	-1537.2	11	9.0	00209.9	-1631.3
6287	9.8	224432.6	-1529.0	6377	9.6	230722.8	-1549.5	6467	9.3	233146.2	-1526.9	12	9.0	00212.7	-1606.7
6288	9.4	224459.0	-1511.6	6378	10.	230741.4	-1554.5	6468	9.7	233159.1	-1506.7	13	9.6	00225.4	-1637.8
6289	9.4	224512.3	-1542.2	6379	9.5	230747.0	-1515.0	6469	9.7	233200.6	-1558.7	14	10.	00249.5	-1648.7
6290	9.5	224527.5	-1500.7	6380	8.5	230753.1	-1520.0	6470	9.7	233200.9	-1556.9	15	9.0	00331.1	-1600.8
6291	9.9	224551.9	-1554.0	6381	9.9	230830.9	-1553.4	6471	5.3	233214.7	-1501.3	16	10.	00334.7	-1609.5
6292	9.2	224616.8	-1537.3	6382	9.8	230838.4	-1555.6	6472	9.3	233319.5	-1557.0	17	5.2	00352.5	-1615.7
6293	9.0	224622.4	-1547.4	6383	8.9	230855.5	-1517.1	6473	10.	233322.3	-1537.2	18	9.5	00417.0	-1644.2
6294	8.2	224643.4	-1547.1	6384	9.7	230904.0	-1530.1	6474	9.5	233338.1	-1521.9	19	9.8	00438.6	-1648.4
6295	8.5	224649.0	-1535.5	6385	9.4	230906.2	-1531.8	6475	9.0	233423.9	-1548.0	20	8.6	00443.1	-1638.8
6296	10.	224715.9	-1530.7	6386	9.6	230925.8	-1537.2	6476	4.8	233512.5	-1520.6	21	9.2	00446.8	-1600.1
6297	9.4	224726.1	-1511.3	6387	9.8	231012.1	-1533.7	6477	8.7	233525.2	-1523.0	22	10.	00459.3	-1602.1
6298	9.0	224728.1	-1545.7	6388	9.8	231018.5	-1556.0	6478	9.7	233539.4	-1528.3	23	9.0	00505.9	-1622.9
6299	9.5	224729.0	-1548.4	6389	9.7	231020.0	-1504.4	6479	9.3	233544.3	-1552.9	24	9.3	00522.3	-1601.8
6300	9.7	224731.8	-1542.3	6390	9.1	231030.5	-1553.6	6480	9.0	233546.9	-1523.6	25	9.0	00537.4	-1619.7
6301	9.4	224732.1	-1548.6	6391	8.6	231042.0	-1551.6	6481	9.4	233600.1	-1517.7	26	10.	00547.5	-1620.4
6302	9.4	224745.1	-1508.0	6392	9.7	231049.7	-1516.2	6482	10.	233612.4	-1529.9	27	9.8	00558.6	-1648.4
6303	9.0	224820.3	-1526.1	6393	9.5	231130.6	-1536.2	6483	10.	233649.6	-1513.8	28	8.9	00559.4	-1617.7
6304	9.4	224840.7	-1510.4	6394	8.5	231133.5	-1502.3	6484	9.5	233650.1	-1520.4	29	9.1	00612.0	-1630.8
6305	8.0	224849.1	-1545.2	6395	9.0	231153.5	-1534.8	6485	9.0	233653.5	-1546.7	30	9.4	00619.2	-1648.0

31	9.5	00630.9	-1641.1	121	9.5	03546.2	-1635.2	211	10.	10932.2	-1612.5	301	8.2	13812.8	-1637.0
32	9.3	00637.5	-1652.7	122	9.2	03558.0	-1651.2	212	10.	10948.7	-1652.3	302	9.7	13830.0	-1648.2
33	9.5	00702.6	-1622.8	123	9.4	03607.3	-1631.3	213	8.6	11009.9	-1623.5	303	9.1	13917.4	-1603.0
34	9.0	00722.6	-1641.8	124	9.6	03647.5	-1620.9	214	9.0	11023.6	-1615.2	304	10.	13925.7	-1626.2
35	9.4	00723.4	-1602.2	125	9.5	03702.8	-1632.8	215	9.2	11030.7	-1634.3	305	9.8	14041.4	-1634.0
36	9.6	00735.1	-1656.3	126	8.8	03726.4	-1611.0	216	9.6	11104.3	-1644.3	306	9.4	14057.7	-1603.3
37	8.3	00737.7	-1651.8	127	10.	03803.3	-1632.7	217	9.8	11140.4	-1654.4	307	9.4	14127.1	-1616.0
38	9.1	00804.6	-1625.5	128	9.2	03837.6	-1626.6	218	9.2	11204.5	-1615.3	308	8.9	14143.7	-1612.2
39	10.	00842.1	-1621.9	129	9.4	03846.7	-1607.6	219	10.	11219.6	-1609.1	309	8.8	14155.2	-1609.0
40	8.9	00930.8	-1616.6	130	8.8	03935.5	-1646.7	220	9.8	11221.0	-1621.3	310	8.5	14203.7	-1617.9
41	9.1	00946.2	-1628.1	131	9.2	03936.2	-1634.3	221	9.5	11224.6	-1628.5	311	9.4	14214.0	-1618.2
42	10.	00950.9	-1634.3	132	9.0	03949.2	-1610.2	222	9.1	11242.7	-1612.6	312	9.0	14223.3	-1622.6
43	9.5	01057.8	-1610.8	133	10.	04002.4	-1628.9	223	6.3	11250.2	-1634.3	313	9.4	14225.7	-1655.7
44	10.	01126.8	-1651.1	134	9.6	04002.9	-1604.4	224	9.0	11330.2	-1657.0	314	8.5	14300.4	-1629.7
45	8.8	01136.9	-1647.8	135	10.	04007.6	-1610.6	225	9.2	11400.5	-1622.5	315	10.	14309.1	-1626.1
46	9.8	01157.3	-1657.7	136	10.	04102.1	-1659.7	226	8.6	11410.1	-1606.7	316	9.1	14325.3	-1650.3
47	9.2	01221.2	-1602.4	137	8.5	04224.0	-1611.0	227	10.	11451.7	-1635.7	317	8.7	14327.2	-1654.9
48	9.0	01231.4	-1629.6	138	10.	04232.0	-1620.5	228	10.	11453.3	-1645.2	318	9.5	14422.7	-1617.0
49	8.3	01257.3	-1622.1	139	8.7	04243.8	-1657.6	229	9.6	11500.3	-1616.3	319	8.8	14423.9	-1638.5
50	10.	01323.0	-1648.0	140	9.3	04255.7	-1640.8	230	9.4	11618.5	-1601.1	320	9.0	14427.3	-1610.6
51	8.4	01323.8	-1627.8	141	9.7	04257.8	-1614.1	231	9.1	11620.4	-1627.0	321	9.8	14444.9	-1630.4
52	8.7	01339.5	-1655.4	142	8.0	04302.9	-1640.3	232	8.1	11627.0	-1659.3	322	6.9	14445.6	-1621.9
53	10.	01403.9	-1625.0	143	10.	04320.7	-1658.5	233	9.5	11636.5	-1629.6	323	9.8	14526.8	-1640.9
54	10.	01413.5	-1638.5	144	9.0	04348.7	-1655.7	234	10.	11653.8	-1659.0	324	9.9	14531.6	-1641.0
55	9.8	01415.9	-1629.5	145	9.9	04428.5	-1603.7	235	9.5	11717.6	-1647.1	325	9.6	14621.5	-1649.0
56	9.4	01432.7	-1602.8	146	9.1	04448.5	-1619.2	236	10.	11719.5	-1644.0	326	10.	14630.6	-1637.5
57	8.8	01537.5	-1640.6	147	9.8	04449.6	-1656.4	237	6.0	11733.2	-1624.8	327	8.7	14701.6	-1642.2
58	6.7	01542.6	-1644.6	148	8.5	04456.0	-1607.2	238	10.	11734.7	-1600.9	328	9.0	14719.4	-1626.1
59	9.5	01545.9	-1628.3	149	10.	04536.1	-1626.7	239	10.	11746.0	-1619.7	329	9.3	14722.3	-1626.1
60	9.5	01622.9	-1633.8	150	10.	04604.0	-1614.7	240	9.8	11810.5	-1600.0	330	9.3	14747.4	-1613.1
61	8.5	01717.4	-1632.9	151	9.0	04627.2	-1626.3	241	9.5	11906.5	-1638.7	331	8.3	14809.6	-1602.6
62	9.8	01730.4	-1605.9	152	8.0	04653.2	-1657.6	242	9.5	11932.6	-1651.9	332	8.8	14814.4	-1614.9
63	8.2	01733.6	-1650.1	153	8.9	04722.7	-1614.4	243	10.	11947.8	-1626.1	333	9.9	14823.2	-1640.9
64	9.0	01744.1	-1615.0	154	9.5	04859.0	-1629.1	244	10.	12054.5	-1641.1	334	9.5	14830.1	-1637.4
65	8.7	01810.3	-1655.9	155	9.4	04902.6	-1609.1	245	9.0	12059.2	-1657.1	335	9.8	14837.3	-1618.7
66	9.8	01813.7	-1618.5	156	10.	04919.7	-1612.7	246	9.5	12113.4	-1611.8	336	9.6	14838.7	-1604.0
67	9.0	01817.5	-1635.8	157	9.8	04923.0	-1651.1	247	8.3	12119.1	-1639.0	337	9.0	14912.0	-1628.8
68	9.0	01846.0	-1630.0	158	9.2	04930.4	-1634.1	248	8.8	12153.6	-1637.7	338	9.3	14952.9	-1605.2
69	9.7	01914.9	-1612.5	159	8.3	05004.6	-1647.7	249	10.	12208.4	-1646.0	339	9.1	15014.8	-1638.0
70	9.2	01923.0	-1623.9	160	9.2	05023.1	-1655.4	250	8.0	12225.3	-1652.7	340	7.8	15047.4	-1650.2
71	9.3	01934.5	-1604.7	161	7.8	05030.4	-1634.0	251	10.	12226.7	-1645.8	341	8.6	15129.3	-1607.5
72	9.8	01935.8	-1639.3	162	7.3	05057.3	-1627.8	252	9.5	12244.0	-1605.7	342	9.1	15242.3	-1602.3
73	9.4	01958.6	-1635.3	163	9.2	05101.7	-1615.0	253	7.5	12253.0	-1628.6	343	9.5	15248.5	-1618.7
74	9.4	02006.1	-1620.4	164	9.8	05213.9	-1617.3	254	9.5	12324.5	-1612.7	344	9.3	15256.1	-1615.2
75	8.5	02015.4	-1615.3	165	10.	05307.3	-1601.4	255	9.8	12340.3	-1606.5	345	9.8	15350.0	-1650.5
76	10.	02114.8	-1648.2	166	9.7	05433.8	-1605.0	256	9.5	12401.9	-1653.5	346	9.6	15358.6	-1621.6
77	9.5	02206.1	-1628.0	167	9.7	05436.9	-1635.7	257	9.3	12455.4	-1649.0	347	9.9	15402.1	-1622.7
78	9.5	02231.6	-1616.2	168	10.	05449.3	-1602.1	258	10.	12507.8	-1646.3	348	10.	15423.6	-1651.5
79	10.	02248.2	-1630.4	169	9.7	05515.4	-1605.7	259	8.2	12526.4	-1611.7	349	9.9	15425.3	-1602.7
80	9.8	02302.2	-1635.6	170	8.5	05517.8	-1655.3	260	7.8	12533.7	-1653.5	350	9.5	15434.7	-1655.0
81	8.0	02306.3	-1643.0	171	8.5	05610.7	-1613.4	261	9.9	12625.0	-16.7.8	351	9.5	15439.5	-1652.3
82	9.0	02325.2	-1632.5	172	9.9	05617.0	-1638.2	262	9.1	12708.1	-1655.5	352	9.2	15440.6	-1655.7
83	9.3	02359.2	-1616.7	173	9.2	05643.3	-1610.4	263	9.3	12717.5	-1601.2	353	9.7	15452.7	-1617.0
84	9.9	02406.2	-1624.6	174	9.3	05709.6	-1649.2	264	9.5	12732.3	-1636.8	354	9.6	15518.4	-1641.1
85	9.1	02423.0	-1635.5	175	10.	05804.0	-1632.8	265	5.8	12732.6	-1625.0	355	8.5	15533.9	-1618.8
86	10.	02455.7	-1606.4	176	10.	05804.8	-1605.8	266	9.2	12804.8	-1654.8	356	6.2	15559.6	-1601.2
87	10.	02519.8	-1633.1	177	7.0	05933.8	-1616.8	267	9.6	12820.2	-1607.5	357	9.7	15631.7	-1651.3
88	10.	02538.3	-1629.5	178	10.	05936.4	-1632.0	268	9.3	12825.2	-1645.5	358	8.7	15636.0	-1610.8
89	9.2	02556.0	-1646.3	179	9.5	05951.3	-1648.7	269	9.3	12843.8	-1631.4	359	9.1	15639.0	-1641.0
90	9.8	02620.2	-1617.5	180	9.8	05956.3	-1657.8	270	5.8	12853.9	-1608.3	360	9.4	15729.5	-1638.0
91	10.	02621.3	-1612.6	181	9.4	10011.7	-1658.5	271	9.4	12900.9	-1609.7	361	9.8	15733.8	-1639.1
92	9.3	02625.0	-1620.7	182	9.3	10024.0	-1658.3	272	9.2	12903.7	-1625.3	362	7.5	15734.0	-1654.7
93	9.5	02626.6	-1636.2	183	8.6	10032.8	-1643.3	273	8.2	12917.0	-1645.5	363	9.4	15738.7	-1625.6
94	9.8	02639.0	-1652.5	184	9.8	10040.8	-1630.5	274	9.7	12959.1	-1650.8	364	8.5	15743.7	-1659.3
95	9.3	02650.0	-1639.8	185	9.1	10054.5	-1650.7	275	8.7	13001.1	-1615.7	365	7.8	15801.8	-1622.2
96	9.5	02702.9	-1646.4	186	10.	10104.1	-1625.3	276	9.8	13004.0	-1643.7	366	9.4	15836.2	-1618.3
97	10.	02805.2	-1636.5	187	9.2	10145.0	-1624.6	277	8.9	13004.8	-1619.7	367	9.4	15844.1	-1628.0
98	8.9	02806.6	-1653.2	188	9.4	10217.9	-1649.2	278	8.0	13024.5	-1644.1	368	9.6	15858.6	-1641.0
99	9.8	02808.4	-1627.5	189	9.2	10248.3	-1613.9	279	7.3	13121.9	-1636.8	369	9.4	15920.3	-1658.2
100	9.9	02824.4	-1628.0	190	9.2	10325.9	-1640.4	280	8.0	13122.8	-1611.9	370	7.0	15922.1	-1608.3
101	9.0	02835.3	-1646.3	191	8.3	10351.7	-1628.5	281	9.5	13138.7	-1607.0	371	9.1	15924.3	-1656.1
102	8.8	02839.1	-1616.1	192	9.5	10412.7	-1609.4	282	10.	13204.6	-1630.1	372	9.4	15934.7	-1653.7
103	9.5	02919.6	-1653.7	193	9.4	10429.8	-1604.2	283	8.5	13214.5	-1643.6	373	8.9	15946.5	-1601.5
104	9.8	02924.7	-1659.3	194	9.8	10436.1	-1620.4	284	10.	13232.3	-1612.0	374	7.8	15959.5	-1624.0
105	8.7	03016.1	-1637.3	195	8.8	10444.0	-1650.0	285	9.7	13248.7	-1643.8	375	9.6	20011.1	-1615.7
106	9.1	03021.5	-1619.2	196	8.6	10453.9	-1627.9	286	9.2	13327.2	-1651.0	376	8.5	20048.9	-1602.2
107	10.	03112.4	-1626.7	197	9.3	10456.5	-1649.3	287	9.7	13413.3	-1658.8	377	9.8	20103.2	-1619.6
108	10.	03125.0	-1654.8	198	9.5	10539.0	-1640.5	288	9.7	13423.3	-1620.6	378	9.2	20103.5	-1600.4
109	8.5	03126.0	-1627.8	199	9.1	10635.3	-1624.1	289	9.5	13427.5	-1637.0	379	8.0	20159.2	-1642.2
110	10.	03235.6	-1624.1	200	8.0	10638.8	-1606.2	290	9.5	13512.7	-1643.1	380	9.8	20232.1	-1659.1
111	9.4	03249.8	-1655.7	201	9.0	10704.2	-1654.5	291	9.5	13538.6	-1629.2	381	9.8	20233.4	-1636.4
112	9.2	03257.1	-1632.7	202	10.	10721.2	-1616.7	292	9.1	13603.1	-1627.6	382	7.5	20240.6	-1648.7
113	9.5	03300.5	-1609.5	203	9.7	10727.1	-1651.5	293	9.5	13646.5	-1609.4	383	9.5	20302.7	-1647.1
114	9.1	03307.6	-1603.5	204	9.8	10730.7	-1603.1	294	9.9	13652.8	-1628.1	384	9.2	20303.2	-1632.4
115	8.9	03323.9	-1607.4	205	9.9	10742.8	-1621.6	295	3.0	13716.2	-1641.8	385	9.6	20310.6	-1646.3
116	9.5	03407.3	-1650.8	206	7.0	10744.4	-1634.8	296	10.	13731.2	-1601.5	386	9.3	20336.6	-1648.4
117	9.0	03451.9	-1609.4	207	10.	10838.7	-1648.8	297	9.5	13737.9	-1647.5	387	10.	20337.3	-1640.0
118	9.6	03509.5	-1622.3	208	9.3	10849.0	-1620.6	298	9.5	13740.7	-1626.4	388	9.2	20357.2	-1602.8
119	8.7	03531.6	-1655.6	209	9.3	10857.6	-1641.4	299	9.5	13750.6	-1625.0	389	8.2	20359.9	-1600.0
120	9.1	03541.7	-1650.8	210	9.8	10911.8	-1610.0	300	9.5	13753.6	-1624.2	390	10.	20407.9	-1635.2

391	9.9	20410.0	-1639.0	481	9.2	23246.0	-1620.4	571	10.	30139.4	-1630.9	661	10.	32801.2	-1634.6
392	10.	20426.7	-1652.9	482	9.6	23300.2	-1653.7	572	9.0	30211.2	-1635.1	662	8.4	32802.0	-1643.4
393	10.	20442.2	-1647.4	483	8.0	23310.5	-1643.4	573	9.2	30225.5	-1614.3	663	8.5	32815.7	-1633.4
394	9.4	20503.8	-1658.0	484	6.9	23311.2	-1656.2	574	8.5	30233.8	-1634.3	664	9.5	32820.2	-1627.9
395	9.5	20526.1	-1611.5	485	9.4	23318.6	-1607.0	575	9.3	30254.4	-1604.4	665	9.5	32834.2	-1630.7
396	9.6	20628.8	-1621.4	486	9.8	23333.1	-1631.6	576	9.4	30255.2	-1605.2	666	9.7	32843.3	-1630.1
397	9.3	20702.4	-1619.8	487	9.1	23347.6	-1656.1	577	9.8	30317.3	-1601.9	667	9.3	32909.3	-1620.3
398	8.5	20703.1	-1639.9	488	9.4	23354.8	-1645.0	578	9.1	30320.5	-1614.3	668	9.3	32916.2	-1620.5
399	9.4	20721.9	-1625.7	489	9.0	23433.8	-1607.3	579	9.8	30321.2	-1626.5	669	9.5	32929.1	-1645.8
400	9.8	20727.7	-1640.1	490	9.0	23444.0	-1640.9	580	8.8	30337.1	-1651.4	670	9.2	33044.1	-1619.8
401	10.	20727.9	-1649.0	491	9.1	23503.7	-1647.4	581	8.9	30340.3	-1614.2	671	9.5	33052.1	-1649.4
402	9.8	20812.6	-1639.8	492	7.5	23528.5	-1638.2	582	9.4	30347.3	-1631.8	672	9.8	33118.9	-1623.9
403	9.5	20813.3	-1635.9	493	9.4	23653.5	-1632.7	583	9.4	30348.0	-1652.5	673	9.5	33114.0	-1637.4
404	9.3	20819.7	-1654.0	494	9.8	23706.9	-1658.9	584	9.5	30350.8	-1633.4	674	8.7	33137.4	-1616.4
405	9.8	20826.9	-1626.7	495	8.3	23708.9	-1624.3	585	9.5	30409.2	-1623.7	675	9.1	33203.2	-1646.8
406	8.9	20827.2	-1644.5	496	9.4	23727.3	-1606.5	586	8.3	30430.4	-1617.6	676	10.	33203.3	-1635.7
407	8.0	20833.1	-1638.7	497	9.0	23745.9	-1658.3	587	6.3	30432.3	-1634.1	677	9.1	33226.6	-1645.9
408	9.1	20848.2	-1640.7	498	7.3	23821.8	-1601.7	588	9.5	30448.1	-1611.6	678	8.9	33229.4	-1624.3
409	8.5	20855.0	-1633.5	499	9.7	23834.8	-1612.6	589	10.	30528.9	-1607.8	679	7.9	33245.5	-1613.6
410	9.3	20856.5	-1600.8	500	9.8	23900.2	-1656.3	590	7.8	30530.8	-1636.4	680	8.3	33314.2	-1649.7
411	9.8	20913.9	-1625.6	501	9.5	23922.8	-1646.7	591	9.5	30545.0	-1608.2	681	8.8	33321.9	-1646.6
412	9.4	20936.7	-1614.6	502	8.3	24027.1	-1635.0	592	9.8	30552.4	-1650.3	682	9.5	33322.4	-1623.0
413	9.8	20938.5	-1645.1	503	9.5	24032.8	-1612.0	593	8.4	30553.1	-1631.7	683	9.0	33354.3	-1629.7
414	8.3	20948.0	-1657.1	504	9.8	24105.5	-1639.8	594	10.	30558.0	-1653.6	684	9.8	33356.8	-1615.8
415	8.8	21002.4	-1659.8	505	9.5	24205.5	-1656.9	595	10.	30629.6	-1642.4	685	9.4	33404.2	-1622.1
416	8.6	21002.9	-1636.7	506	10.	24210.4	-1642.2	596	9.4	30712.9	-1605.2	686	9.0	33421.8	-1646.3
417	9.0	21007.3	-1609.2	507	9.8	24228.7	-1649.9	597	9.8	30717.3	-1653.2	687	8.5	33447.3	-1646.7
418	9.9	21009.8	-1615.2	508	9.4	24231.9	-1609.0	598	9.1	30723.5	-1623.7	688	7.3	33533.9	-1625.8
419	9.8	21030.4	-1618.1	509	9.0	24231.9	-1644.6	599	10.	30732.7	-1621.1	689	8.5	33613.7	-1632.6
420	9.8	21031.9	-1635.5	510	8.5	24353.3	-1642.9	600	9.0	30810.8	-1610.8	690	9.3	33617.1	-1659.2
421	8.5	21105.6	-1634.7	511	10.	24401.2	-1629.3	601	10.	30823.1	-1606.2	691	9.5	33649.9	-1652.5
422	9.1	21110.4	-1611.8	512	10.	24402.4	-1648.1	602	10.	30920.0	-1632.7	692	8.8	33714.0	-1654.3
423	9.5	21152.7	-1617.2	513	8.8	24410.7	-1605.9	603	9.1	30933.1	-1640.0	693	9.8	33729.6	-1632.4
424	10.	21204.2	-1630.0	514	9.6	24415.9	-1646.0	604	9.3	31007.6	-1618.1	694	9.0	33746.2	-1630.9
425	9.6	21223.8	-1616.1	515	9.8	24423.0	-1604.7	605	8.8	31030.2	-1651.3	695	10.	33830.4	-1609.6
426	9.5	21242.3	-1638.0	516	9.5	24426.8	-1659.6	606	8.3	31031.5	-1636.3	696	8.5	33833.9	-1652.7
427	9.9	21250.0	-1620.0	517	9.4	24440.9	-1602.1	607	9.8	31048.5	-1616.9	697	9.0	33839.2	-1656.9
428	10.	21340.0	-1617.1	518	9.4	24446.7	-1632.4	608	9.8	31049.5	-1634.5	698	9.5	33849.6	-1624.8
429	9.6	21344.6	-1654.3	519	10.	24448.0	-1618.1	609	9.5	31056.6	-1607.5	699	9.1	33941.9	-1649.5
430	9.6	21404.5	-1649.1	520	9.4	24507.6	-1625.0	610	8.8	31111.6	-1602.5	700	9.6	33949.8	-1658.1
431	9.9	21408.4	-1645.5	521	10.	24549.1	-1617.4	611	9.2	31116.6	-1656.1	701	9.5	34010.1	-1629.8
432	8.0	21444.3	-1626.0	522	10.	24600.2	-1630.6	612	9.8	31126.1	-1643.6	702	9.6	34010.8	-1627.2
433	9.5	21549.1	-1653.8	523	9.2	24638.8	-1630.4	613	9.7	31200.4	-1658.5	703	9.8	34028.5	-1615.1
434	9.5	21550.4	-1644.6	524	9.0	24648.0	-1605.4	614	7.0	31204.7	-1604.9	704	9.3	34043.7	-1617.6
435	9.0	21604.6	-1612.1	525	8.9	24655.6	-1638.7	615	9.0	31221.4	-1656.4	705	8.9	34138.0	-1623.1
436	9.5	21642.2	-1624.2	526	10.	24656.6	-1630.0	616	9.5	31356.1	-1655.4	706	9.3	34139.6	-1647.9
437	9.1	21703.4	-1631.8	527	9.2	24659.6	-1639.2	617	8.5	31359.5	-1646.7	707	9.5	34312.3	-1600.4
438	6.4	21717.1	-1654.9	528	10.	24733.9	-1638.6	618	9.5	31420.9	-1655.2	708	9.1	34314.4	-1608.1
439	10.	21723.8	-1655.0	529	9.5	24748.2	-1658.0	619	9.7	31428.8	-1646.3	709	9.5	34318.1	-1618.3
440	9.6	21823.9	-1622.2	530	9.0	24811.3	-1629.9	620	8.3	31443.4	-1619.1	710	8.0	34404.9	-1603.4
441	9.6	21825.2	-1647.3	531	9.5	24820.5	-1638.1	621	8.8	31511.4	-1654.8	711	9.1	34415.8	-1637.5
442	9.5	21922.8	-1651.3	532	9.2	24907.9	-1639.0	622	9.5	31527.0	-1625.0	712	9.3	34433.8	-1657.4
443	9.5	21945.4	-1622.0	533	10.	24956.7	-1655.3	623	9.5	31531.0	-1626.7	713	9.4	34443.1	-1610.9
444	9.4	22010.3	-1606.7	534	9.4	25012.3	-1618.5	624	9.1	31534.3	-1615.8	714	9.5	34452.3	-1637.1
445	9.8	22055.1	-1641.2	535	9.5	25032.0	-1600.5	625	9.0	31549.0	-1630.6	715	9.7	34510.7	-1626.4
446	9.8	22123.3	-1650.6	536	9.8	25046.3	-1612.8	626	9.9	31612.9	-1600.6	716	9.8	34544.2	-1626.2
447	9.8	22127.4	-1620.9	537	9.4	25052.1	-1602.4	627	10.	31637.8	-1611.0	717	7.2	34555.8	-1610.8
448	9.0	22203.8	-1633.1	538	7.6	25113.8	-1625.6	628	8.3	31647.4	-1647.3	718	9.6	34620.9	-1639.5
449	10.	22220.2	-1602.6	539	9.0	25140.3	-1622.6	629	9.2	31722.3	-1620.8	719	9.6	34627.9	-1641.8
450	8.6	22240.7	-1642.7	540	9.5	25216.9	-1611.7	630	6.7	31739.3	-1610.1	720	9.6	34638.9	-1639.7
451	9.5	22309.1	-1614.4	541	9.5	25226.2	-1607.0	631	9.1	31756.4	-1644.0	721	9.9	34651.4	-1639.7
452	8.6	22328.4	-1653.1	542	9.5	25317.1	-1650.5	632	9.5	31757.7	-1650.3	722	9.9	34655.7	-1622.4
453	9.4	22348.0	-1622.6	543	8.0	25318.0	-1638.9	633	9.2	31928.4	-1609.7	723	9.7	34702.7	-1613.9
454	9.0	22355.9	-1648.5	544	9.8	25400.3	-1619.3	634	9.6	31941.9	-1606.9	724	9.6	34717.3	-1658.7
455	9.0	22442.8	-1621.7	545	9.8	25435.8	-1633.0	635	9.0	31951.2	-1617.1	725	9.2	34748.9	-1614.3
456	9.5	22446.0	-1602.5	546	9.5	25441.1	-1634.1	636	8.9	31951.9	-1632.0	726	9.8	34801.7	-1626.5
457	9.0	22529.5	-1610.7	547	10.	25547.0	-1618.2	637	10.	31952.0	-1652.6	727	8.5	34804.0	-1651.9
458	9.1	22535.7	-1633.0	548	9.4	25547.3	-1655.1	638	9.0	31953.4	-1644.0	728	8.5	34808.4	-1637.8
459	9.4	22550.5	-1655.6	549	9.1	25607.9	-1628.5	639	10.	32051.2	-1632.9	729	9.0	34839.1	-1650.9
460	8.3	22612.8	-1641.1	550	9.3	25626.9	-1620.5	640	9.8	32115.3	-1608.2	730	9.8	34840.6	-1602.7
461	8.0	22711.4	-1646.2	551	9.8	25644.4	-1650.9	641	9.3	32158.2	-1634.4	731	9.7	34840.6	-1614.7
462	9.1	22729.2	-1645.5	552	10.	25701.3	-1649.1	642	8.9	32158.3	-1641.8	732	8.5	34842.8	-1634.8
463	10.	22745.5	-1646.7	553	9.3	25718.2	-1613.4	643	10.	32200.0	-1615.6	733	8.8	34859.6	-1655.4
464	9.6	22746.7	-1625.6	554	9.7	25730.4	-1619.7	644	9.5	32210.2	-1643.1	734	9.5	34906.9	-1637.9
465	8.5	22812.7	-1613.5	555	9.5	25748.7	-1623.7	645	9.3	32313.9	-1607.1	735	10.	34938.8	-1631.8
466	9.0	22828.8	-1633.0	556	9.2	25755.2	-1601.4	646	9.8	32323.7	-1620.7	736	9.8	34955.2	-1621.0
467	9.0	22902.0	-1646.4	557	10.	25825.5	-1643.1	647	9.5	32336.3	-1601.8	737	9.2	34958.3	-1625.4
468	9.3	22916.2	-1622.4	558	9.7	25831.4	-1618.0	648	8.7	32349.5	-1621.3	738	9.2	35002.8	-1629.5
469	10.	22921.9	-1642.7	559	10.	25929.8	-1630.9	649	9.3	32356.9	-1621.6	739	10.	35013.5	-1645.4
470	8.7	23042.6	-1649.7	560	9.5	25930.7	-1635.6	650	8.3	32410.4	-1603.3	740	10.	35024.2	-1655.0
471	9.4	23050.1	-1618.5	561	7.8	25941.4	-1644.2	651	9.1	32423.3	-1657.7	741	8.5	35031.8	-1631.3
472	9.8	23114.6	-1607.5	562	9.1	25959.9	-1652.9	652	8.8	32511.2	-1610.4	742	9.7	35054.9	-1636.0
473	9.5	23140.4	-1655.2	563	9.2	30000.8	-1638.6	653	9.5	32535.0	-1633.8	743	9.9	35055.8	-1627.9
474	9.8	23142.2	-1633.8	564	9.2	30005.4	-1610.8	654	9.8	32610.5	-1631.7	744	9.1	35124.0	-1618.8
475	9.2	23153.9	-1655.0	565	9.5	30008.7	-1600.9	655	9.8	32611.0	-1646.8	745	8.5	35129.9	-1639.3
476	9.4	23217.5	-1622.0	566	8.8	30020.0	-1653.7	656	8.5	32630.6	-1602.3	746	9.2	35142.5	-1642.0
477	9.8	23227.1	-1617.3	567	9.4	30023.0	-1618.0	657	9.0	32723.3	-1618.9	747	9.1	35147.2	-1615.6
478	9.4	23230.4	-1617.3	568	9.5	30024.1	-1622.4	658	9.2	32741.4	-1605.7	748	9.4	35225.1	-1651.2
479	9.2	23238.8	-1625.7	569	9.9	30040.9	-1647.2	659	9.8	32742.8	-1626.5	749	10.	35239.8	-1623.8
480	9.0	23243.6	-1649.1	570	9.8	30128.8	-1618.7	660	9.1	32756.4	-1642.7	750	9.2	35304.0	-1636.9

751	10.	35328.3	-1659.4	841	9.5	41411.2	-1657.3	931	9.3	43702.8	-1604.9	1021	10.	45340.8	-1623.1
752	9.0	35337.2	-1601.2	842	9.9	41421.2	-1600.5	932	9.3	43724.3	-1639.7	1022	8.3	45341.0	-1607.5
753	10.	35353.9	-1624.6	843	10.	41423.8	-1627.0	933	9.0	43733.5	-1620.3	1023	9.8	45342.4	-1653.2
754	9.9	35413.7	-1652.9	844	9.9	41549.1	-1609.9	934	10.	43745.5	-1634.4	1024	8.4	45352.0	-1618.8
755	8.3	35434.8	-1616.5	845	8.7	41619.5	-1612.7	935	9.2	43753.0	-1608.4	1025	9.4	45353.5	-1625.1
756	9.6	35440.9	-1628.8	846	10.	41619.8	-1655.4	936	9.8	43758.0	-1615.5	1026	8.0	45551.0	-1622.5
757	9.0	35451.4	-1614.1	847	9.6	41638.9	-1659.2	937	7.2	43801.0	-1620.4	1027	8.7	45623.3	-1605.0
758	9.1	35456.7	-1600.5	848	9.1	41648.3	-1627.2	938	9.1	43801.8	-1649.5	1028	9.2	45653.0	-1643.2
759	10.	35512.2	-1615.0	849	8.2	41735.4	-1622.7	939	9.3	43820.8	-1650.9	1029	9.8	45725.6	-1656.8
760	9.3	35516.9	-1628.1	850	9.3	41740.3	-1624.0	940	9.5	43901.9	-1629.6	1030	9.2	45728.5	-1642.9
761	9.8	35527.5	-1640.0	851	9.4	41803.2	-1651.7	941	9.6	43920.8	-1647.5	1031	9.4	45748.5	-1619.5
762	9.5	35529.7	-1603.0	852	9.0	41839.2	-1611.4	942	10.	43923.4	-1611.7	1032	9.8	45802.8	-1655.9
763	9.5	35547.7	-1614.5	853	7.7	41901.1	-1645.3	943	9.8	43928.4	-1652.2	1033	9.8	45804.8	-1645.8
764	10.	35548.6	-1630.1	854	9.3	41908.0	-1638.1	944	8.7	43932.3	-1647.2	1034	8.7	45825.7	-1612.4
765	8.7	35606.5	-1635.5	855	9.3	41918.2	-1612.0	945	8.7	44007.3	-1650.5	1035	9.5	45850.7	-1609.2
766	9.8	35626.2	-1632.8	856	9.4	41925.6	-1645.3	946	9.8	44008.7	-1619.9	1036	9.4	45856.1	-1646.9
767	8.4	35703.9	-1609.0	857	9.1	41945.6	-1617.4	947	8.5	44029.4	-1625.4	1037	9.0	45857.4	-1640.0
768	9.7	35711.6	-1639.4	858	10.	41948.3	-1630.5	948	9.7	44031.3	-1624.6	1038	9.0	45857.7	-1605.4
769	9.5	35718.9	-1658.9	859	9.6	41955.9	-1610.1	949	10.	44045.9	-1654.5	1039	9.3	45926.7	-1617.7
770	6.2	35732.5	-1659.4	860	10.	42019.8	-1654.4	950	9.4	44046.4	-1628.4	1040	9.8	45935.9	-1613.9
771	8.5	35739.8	-1607.6	861	10.	42037.3	-1619.0	951	9.0	44109.3	-1612.9	1041	9.2	45953.3	-1651.1
772	9.3	35802.8	-1612.9	862	9.7	42038.1	-1621.9	952	9.0	44118.3	-1614.3	1042	9.0	45954.1	-1601.4
773	9.8	35809.3	-1648.7	863	9.3	42039.2	-1610.4	953	9.7	44122.2	-1659.2	1043	9.1	50026.0	-1615.3
774	9.2	35835.3	-1605.7	864	9.6	42040.3	-1656.7	954	9.3	44144.8	-1600.3	1044	9.2	50036.3	-1631.6
775	8.7	35846.8	-1606.3	865	10.	42124.4	-1620.5	955	9.7	44153.0	-1615.1	1045	9.5	50049.3	-1608.9
776	10.	35916.2	-1612.7	866	9.9	42133.3	-1602.0	956	6.5	44200.6	-1635.3	1046	9.5	50058.1	-1609.3
777	9.4	35924.4	-1610.7	867	9.4	42212.6	-1638.0	957	9.7	44206.5	-1629.7	1047	10.	50116.7	-1603.5
778	10.	35945.3	-1652.3	868	9.5	42230.7	-1638.1	958	8.0	44207.1	-1625.0	1048	8.9	50133.7	-1659.0
779	9.1	35958.8	-1613.2	869	10.	42250.8	-1642.2	959	9.1	44232.3	-1646.2	1049	9.1	50148.5	-1639.9
780	9.5	40008.9	-1609.2	870	9.0	42300.8	-1615.6	960	8.5	44305.0	-1603.7	1050	9.7	50159.1	-1658.3
781	9.2	40014.5	-1630.6	871	10.	42306.9	-1657.9	961	9.1	44328.2	-1620.7	1051	9.2	50223.0	-1615.0
782	7.8	40021.9	-1622.6	872	9.6	42308.8	-1603.1	962	9.8	44333.8	-1641.9	1052	9.8	50224.2	-1601.5
783	9.4	40023.5	-1614.6	873	9.8	42321.9	-1619.3	963	7.5	44334.2	-1603.0	1053	8.9	50229.4	-1612.4
784	9.3	40027.8	-1656.5	874	9.4	42336.0	-1626.4	964	5.4	44338.9	-1628.3	1054	10.	50252.7	-1650.0
785	9.8	40109.2	-1654.4	875	9.7	42345.0	-1621.4	965	9.8	44341.1	-1616.7	1055	9.8	50310.6	-1641.7
786	10.	40115.6	-1600.4	876	8.9	42402.7	-1612.8	966	10.	44357.2	-1654.3	1056	8.8	50328.4	-1617.2
787	10.	40115.7	-1611.0	877	9.0	42405.6	-1635.6	967	10.	44357.3	-1645.6	1057	8.7	50329.5	-1609.7
788	10.	40130.2	-1620.1	878	8.7	42409.3	-1646.4	968	10.	44405.9	-1651.6	1058	9.8	50332.2	-1626.7
789	10.	40133.7	-1622.6	879	9.2	42410.8	-1647.1	969	9.0	44406.0	-1633.7	1059	9.8	50346.9	-1654.0
790	9.3	40208.4	-1640.0	880	9.2	42420.0	-1615.1	970	9.5	44422.7	-1654.0	1060	8.6	50401.9	-1610.0
791	7.7	40226.6	-1616.6	881	10.	42428.3	-1651.7	971	9.4	44500.7	-1614.4	1061	9.0	50411.1	-1639.9
792	9.7	40229.1	-1615.3	882	9.9	42446.9	-1653.6	972	9.0	44503.9	-1601.5	1062	9.0	50411.7	-1608.4
793	8.7	40232.4	-1647.4	883	9.6	42452.0	-1619.8	973	9.1	44512.6	-1634.5	1063	9.5	50436.1	-1621.1
794	10.	40234.3	-1600.1	884	9.5	42457.9	-1604.2	974	9.3	44514.2	-1628.3	1064	9.3	50508.8	-1653.4
795	9.4	40235.9	-1601.9	885	9.6	42518.2	-1635.8	975	8.9	44515.1	-1639.0	1065	10.	50518.7	-1625.5
796	5.5	40242.3	-1646.4	886	8.8	42527.0	-1616.4	976	9.3	44518.5	-1639.5	1066	9.0	50522.8	-1603.9
797	9.0	40316.2	-1654.9	887	9.5	42614.0	-1654.3	977	10.	44524.3	-1644.8	1067	9.1	50535.4	-1654.7
798	9.6	40338.6	-1614.6	888	10.	42618.8	-1646.6	978	9.7	44537.1	-1616.1	1068	9.8	50609.0	-1633.4
799	8.7	40340.3	-1616.5	889	9.2	42620.4	-1605.9	979	9.6	44540.3	-1643.7	1069	9.8	50609.7	-1613.3
800	10.	40348.8	-1649.0	890	8.5	42623.8	-1604.8	980	9.4	44540.4	-1646.8	1070	9.1	50615.5	-1618.7
801	9.9	40351.7	-1657.6	891	9.5	42625.9	-1651.3	981	9.3	44556.9	-1648.8	1071	9.5	50620.9	-1633.1
802	10.	40358.2	-1657.1	892	9.2	42716.7	-1639.1	982	9.5	44615.0	-1604.1	1072	8.0	50625.7	-1622.9
803	9.5	40411.1	-1628.4	893	9.5	42723.8	-1628.8	983	9.4	44624.3	-1621.3	1073	8.2	50630.8	-1602.5
804	9.3	40411.8	-1618.3	894	9.1	42732.8	-1613.5	984	9.5	44647.5	-1622.7	1074	9.6	50659.9	-1651.6
805	9.8	40419.4	-1637.9	895	9.4	42741.1	-1616.0	985	10.	44658.0	-1653.2	1075	10.	50705.0	-1639.8
806	8.8	40424.2	-1634.2	896	9.5	42802.9	-1643.2	986	9.3	44740.1	-1615.5	1076	9.3	50713.0	-1653.4
807	7.2	40450.2	-1620.8	897	10.	42814.1	-1627.0	987	9.6	44748.1	-1655.2	1077	9.3	50730.1	-1619.9
808	9.5	40630.1	-1627.8	898	9.8	42834.9	-1651.2	988	9.0	44754.8	-1618.3	1078	9.0	50733.8	-1649.5
809	9.5	40631.7	-1606.5	899	10.	42838.3	-1636.9	989	9.5	44809.7	-1647.9	1079	9.0	50735.5	-1617.8
810	10.	40652.1	-1652.6	900	9.8	42907.9	-1603.1	990	9.9	44809.7	-1635.0	1080	8.0	50736.1	-1650.1
811	10.	40652.7	-1646.8	901	9.2	42914.5	-1613.3	991	6.2	44836.8	-1658.5	1081	10.	50806.2	-1634.0
812	9.8	40703.7	-1617.3	902	9.4	42931.2	-1632.2	992	6.0	44848.3	-1639.3	1082	9.2	50840.2	-1601.6
813	9.5	40719.0	-1604.9	903	9.5	42934.9	-1648.7	993	8.7	44855.6	-1607.0	1083	9.0	50842.8	-1603.3
814	7.2	40727.6	-1621.6	904	10.	43052.4	-1645.0	994	9.7	44919.2	-1634.1	1084	9.4	50853.2	-1642.6
815	8.7	40736.7	-1655.4	905	8.3	43053.8	-1639.1	995	10.	44924.8	-1630.3	1085	9.8	50900.9	-1656.9
816	9.5	40754.9	-1642.7	906	9.8	43109.4	-1644.8	996	8.8	44933.6	-1608.2	1086	9.5	50904.7	-1609.4
817	7.0	40825.3	-1633.0	907	9.1	43132.5	-1613.5	997	9.4	44949.6	-1633.3	1087	9.4	50913.7	-1644.7
818	9.5	40837.6	-1623.2	908	9.3	43147.8	-1635.7	998	9.5	45013.9	-1648.2	1088	9.5	50926.9	-1609.1
819	8.7	40837.8	-1633.6	909	9.0	43156.9	-1648.3	999	7.7	45015.9	-1621.8	1089	8.3	50929.9	-1631.0
820	7.0	40852.7	-1648.6	910	9.8	43222.4	-1617.9	1000	9.1	45052.2	-1605.3	1090	9.7	50930.7	-1633.2
821	9.4	40906.1	-1641.1	911	9.7	43230.9	-1646.6	1001	8.9	45053.5	-1625.8	1091	9.3	50947.5	-1618.9
822	9.7	40914.3	-1610.9	912	9.0	43237.1	-1621.5	1002	9.3	45100.0	-1622.0	1092	9.9	51005.1	-1618.6
823	9.9	40940.4	-1636.0	913	8.5	43249.9	-1616.2	1003	9.2	45103.2	-1618.6	1093	9.3	51129.3	-1625.1
824	9.5	41001.7	-1614.5	914	9.3	43250.9	-1649.5	1004	9.4	45105.4	-1619.7	1094	9.8	51135.6	-1602.8
825	9.1	41006.4	-1639.5	915	9.7	43256.0	-1645.2	1005	9.7	45128.2	-1624.1	1095	9.0	51135.9	-1621.7
826	9.0	41017.2	-1627.6	916	8.7	43307.5	-1651.2	1006	8.3	45132.5	-1624.7	1096	7.7	51139.7	-1620.9
827	8.8	41018.5	-1659.4	917	10.	43308.7	-1628.0	1007	9.0	45151.8	-1655.5	1097	9.2	51146.6	-1640.0
828	10.	41100.9	-1615.7	918	9.8	43309.4	-1626.6	1008	9.5	45154.5	-1624.6	1098	9.8	51159.5	-1636.0
829	8.9	41104.9	-1607.9	919	9.1	43332.1	-1652.1	1009	8.8	45157.1	-1626.0	1099	9.4	51202.8	-1652.1
830	8.5	41135.0	-1644.7	920	9.4	43345.6	-1651.9	1010	9.5	45204.6	-1603.5	1100	9.5	51210.5	-1656.3
831	10.	41143.7	-1620.7	921	9.2	43402.2	-1621.0	1011	9.7	45222.2	-1630.0	1101	9.7	51211.6	-1611.2
832	8.5	41240.0	-1642.6	922	9.2	43500.1	-1653.2	1012	9.9	45230.0	-1624.5	1102	9.3	51232.8	-1608.5
833	9.4	41302.5	-1614.7	923	10.	43504.6	-1632.3	1013	6.2	45231.6	-1636.0	1103	9.4	51236.2	-1603.6
834	9.7	41308.9	-1633.4	924	9.0	43506.1	-1658.4	1014	9.8	45246.7	-1653.7	1104	9.3	51236.4	-1648.2
835	10.	41309.4	-1636.5	925	9.5	43515.0	-1608.5	1015	9.8	45259.1	-1640.9	1105	9.5	51341.4	-1608.1
836	9.5	41310.3	-1623.5	926	8.5	43612.1	-1611.3	1016	10.	45303.5	-1620.9	1106	9.5	51342.9	-1624.5
837	9.5	41327.0	-1638.4	927	10.	43622.0	-1624.8	1017	9.4	45328.3	-1636.2	1107	8.8	51353.0	-1613.8
838	6.8	41335.1	-1647.2	928	9.9	43630.5	-1605.0	1018	8.3	45328.5	-1601.0	1108	10.	51402.0	-1650.0
839	8.5	41344.8	-1628.5	929	9.4	43642.9	-1613.3	1019	9.2	45337.6	-1656.8	1109	9.5	51420.9	-1655.9
840	9.0	41407.0	-1642.7	930	9.5	43648.5	-1611.8	1020	9.4	45337.7	-1632.2	1110	9.9	51422.8	-1600.2

-16 1111 5h14m

-16 1470 6h18m

1111	9.4	51430.5	-1606.6	1201	9.4	53403.0	-1610.2	1291	8.9	54655.5	-1619.6	1381	9.3	60350.7	-1613.5
1112	10.	51458.1	-1637.9	1202	8.7	53413.1	-1613.0	1292	7.9	54702.5	-1617.6	1382	9.2	60352.6	-1653.4
1113	9.9	51459.2	-1652.9	1203	8.8	53444.8	-1657.4	1293	9.8	54704.9	-1613.1	1383	10.	60435.3	-1626.8
1114	9.7	51509.6	-1618.3	1204	9.6	53502.1	-1645.1	1294	8.6	54705.7	-1602.2	1384	9.4	60435.4	-1625.4
1115	9.3	51521.5	-1655.3	1205	8.8	53506.1	-1629.6	1295	9.8	54707.1	-1639.9	1385	9.3	60450.9	-1604.5
1116	9.5	51542.1	-1624.5	1206	9.0	53507.2	-1623.5	1296	9.5	54729.8	-1648.2	1386	8.2	60452.8	-1633.7
1117	8.5	51544.1	-1609.5	1207	10.	53511.8	-1607.3	1297	9.8	54754.8	-1634.8	1387	8.5	60457.1	-1648.2
1118	9.3	51607.9	-1604.0	1208	6.5	53512.7	-1647.5	1298	9.9	54808.7	-1632.0	1388	9.5	60457.3	-1650.0
1119	10.	51619.3	-1644.2	1209	9.3	53514.1	-1612.3	1299	9.7	54835.3	-1620.4	1389	9.4	60505.1	-1617.1
1120	9.5	51622.3	-1622.1	1210	9.3	53516.6	-1600.0	1300	9.5	54856.6	-1628.7	1390	9.5	60531.3	-1614.4
1121	9.4	51632.3	-1621.7	1211	10.	53535.4	-1619.3	1301	9.0	54919.5	-1650.4	1391	9.5	60532.0	-1629.4
1122	9.4	51633.0	-1623.6	1212	9.5	53540.0	-1643.9	1302	8.5	54944.1	-1644.7	1392	9.8	60534.7	-1611.8
1123	9.8	51705.5	-1616.0	1213	9.4	53545.8	-1614.4	1303	9.5	54958.3	-1617.9	1393	9.5	60549.5	-1607.2
1124	9.3	51706.5	-1655.1	1214	9.0	53550.6	-1648.6	1304	9.5	55001.2	-1632.5	1394	9.4	60554.8	-1617.0
1125	9.0	51709.0	-1632.1	1215	9.0	53553.9	-1644.3	1305	9.7	55010.9	-1614.2	1395	8.7	60605.9	-1601.6
1126	9.0	51722.3	-1624.9	1216	10.	53606.7	-1614.0	1306	9.4	55031.1	-1656.8	1396	9.1	60610.8	-1646.6
1127	9.3	51735.7	-1611.7	1217	9.5	53628.6	-1650.6	1307	10.	55052.0	-1644.1	1397	10.	60614.4	-1655.7
1128	9.0	51742.6	-1635.3	1218	9.8	53650.7	-1652.3	1308	10.	55055.1	-1646.3	1398	9.5	60623.2	-1639.9
1129	8.3	51743.4	-1610.4	1219	10.	53711.1	-1650.1	1309	9.3	55109.5	-1607.7	1399	9.0	60634.8	-1651.3
1130	9.4	51754.4	-1601.2	1220	9.8	53716.6	-1642.0	1310	9.8	55112.8	-1604.7	1400	9.2	60650.5	-1606.3
1131	9.8	51806.9	-1652.8	1221	8.5	53719.5	-1623.9	1311	9.4	55115.3	-1606.9	1401	9.2	60652.9	-1605.0
1132	9.4	51808.5	-1659.8	1222	9.5	53736.8	-1603.5	1312	9.5	55143.0	-1642.1	1402	9.8	60700.7	-1641.0
1133	9.3	51820.0	-1650.9	1223	9.1	53750.8	-1614.5	1313	9.5	55227.6	-1645.5	1403	10.	60709.0	-1616.8
1134	9.8	51829.8	-1648.1	1224	8.0	53809.0	-1646.3	1314	9.8	55236.1	-1658.9	1404	9.3	60712.8	-1626.5
1135	9.5	51835.7	-1642.5	1225	8.8	53814.7	-1653.5	1315	9.5	55236.6	-1617.8	1405	10.	60739.0	-1643.4
1136	10.	51848.2	-1622.5	1226	10.	53835.2	-1653.2	1316	9.8	55237.1	-1657.3	1406	9.9	60739.7	-1619.5
1137	8.7	51900.8	-1644.5	1227	8.5	53835.3	-1602.9	1317	9.8	55239.7	-1629.7	1407	9.0	60756.1	-1634.9
1138	9.4	51902.6	-1600.1	1228	9.8	53855.8	-1638.9	1318	9.5	55305.1	-1610.2	1408	8.5	60817.5	-1609.5
1139	8.5	51910.0	-1605.5	1229	9.0	53858.2	-1600.0	1319	9.2	55305.9	-1647.8	1409	8.4	60820.7	-1622.8
1140	9.5	51927.8	-1602.3	1230	9.8	53859.7	-1600.4	1320	8.0	55309.6	-1647.8	1410	9.8	60843.4	-1628.9
1141	8.5	51935.8	-1645.6	1231	9.6	53913.1	-1604.4	1321	9.2	55316.8	-1612.7	1411	9.7	60857.3	-1644.3
1142	9.8	51936.1	-1634.6	1232	8.7	53916.7	-1600.4	1322	9.7	55321.5	-1616.5	1412	9.8	60902.4	-1647.2
1143	9.9	51946.3	-1643.1	1233	9.4	53937.0	-1625.2	1323	9.4	55330.7	-1632.0	1413	7.8	60929.1	-1659.1
1144	9.7	52020.4	-1656.3	1234	9.4	53937.6	-1616.7	1324	10.	55331.4	-1639.5	1414	8.7	60939.4	-1613.5
1145	8.5	52023.6	-1636.8	1235	9.0	53944.7	-1600.8	1325	9.8	55332.3	-1637.6	1415	6.8	60940.1	-1634.2
1146	8.0	52028.9	-1627.2	1236	9.0	54001.1	-1649.4	1326	9.2	55336.8	-1653.3	1416	9.8	61009.5	-1653.7
1147	7.5	52040.7	-1638.4	1237	9.5	54002.9	-1654.8	1327	10.	55350.7	-1612.2	1417	9.1	61013.9	-1605.4
1148	8.3	52158.3	-1658.3	1238	9.8	54003.3	-1602.0	1328	9.5	55411.2	-1614.7	1418	9.4	61029.9	-1603.6
1149	9.8	52233.2	-1639.9	1239	9.5	54012.2	-1640.4	1329	9.2	55418.3	-1620.1	1419	9.4	61031.5	-1629.1
1150	9.2	52253.3	-1618.3	1240	9.2	54015.5	-1646.6	1330	10.	55441.7	-1609.0	1420	9.9	61031.7	-1611.0
1151	9.3	52300.6	-1615.8	1241	9.5	54018.0	-1626.3	1331	9.5	55455.8	-1658.5	1421	9.8	61050.6	-1635.3
1152	8.5	52312.4	-1602.0	1242	7.7	54030.9	-1641.9	1332	9.8	55502.6	-1646.6	1422	9.5	61052.7	-1620.1
1153	9.8	52312.8	-1640.7	1243	10.	54035.0	-1643.3	1333	7.2	55505.7	-1623.8	1423	9.4	61057.1	-1631.7
1154	8.9	52323.9	-1647.3	1244	6.4	54039.0	-1617.4	1334	10.	55507.3	-1644.8	1424	8.5	61059.3	-1657.0
1155	9.3	52324.0	-1657.9	1245	9.0	54040.6	-1627.9	1335	9.8	55522.0	-1644.2	1425	9.0	61111.5	-1612.3
1156	9.0	52354.5	-1604.3	1246	9.4	54043.5	-1618.0	1336	9.7	55525.9	-1604.7	1426	6.0	61114.3	-1645.8
1157	9.0	52405.1	-1612.3	1247	9.9	54046.8	-1600.4	1337	8.8	55532.7	-1646.9	1427	8.8	61121.5	-1641.2
1158	9.4	52408.4	-1621.8	1248	9.0	54049.3	-1609.7	1338	9.6	55554.4	-1605.2	1428	9.5	61132.8	-1618.1
1159	10.	52428.4	-1647.6	1249	9.5	54114.0	-1607.6	1339	9.8	55608.6	-1657.4	1429	9.2	61146.1	-1646.6
1160	9.2	52436.7	-1638.0	1250	9.8	54124.4	-1643.2	1340	9.4	55630.8	-1655.6	1430	9.8	61151.2	-1659.4
1161	9.9	52441.4	-1624.6	1251	9.8	54131.5	-1613.8	1341	9.1	55644.1	-1626.7	1431	10.	61211.6	-1630.4
1162	9.3	52505.6	-1655.0	1252	9.4	54139.1	-1650.9	1342	9.1	55646.7	-1601.2	1432	8.7	61217.4	-1623.0
1163	9.0	52519.2	-1614.4	1253	9.8	54149.7	-1631.5	1343	8.0	55648.9	-1602.2	1433	10.	61217.7	-1603.5
1164	9.3	52524.7	-1657.7	1254	10.	54205.9	-1613.9	1344	8.8	55743.2	-1608.5	1434	9.6	61222.5	-1603.3
1165	7.0	52528.3	-1646.6	1255	9.8	54206.5	-1608.1	1345	9.0	55746.3	-1652.7	1435	10.	61230.8	-1618.4
1166	9.8	52538.9	-1602.1	1256	9.7	54211.2	-1652.9	1346	9.4	55752.1	-1646.0	1436	9.9	61239.7	-1655.4
1167	9.8	52601.3	-1643.4	1257	10.	54211.6	-1617.3	1347	9.0	55807.4	-1636.8	1437	9.0	61246.1	-1617.1
1168	7.2	52612.4	-1625.1	1258	10.	54224.9	-1637.8	1348	10.	55822.5	-1608.5	1438	9.6	61313.4	-1657.5
1169	9.4	52622.9	-1644.7	1259	8.7	54225.5	-1638.8	1349	5.3	55830.6	-1628.1	1439	9.6	61351.3	-1639.8
1170	9.4	52659.8	-1621.5	1260	9.4	54233.4	-1658.2	1350	9.5	55835.5	-1620.7	1440	9.2	61359.0	-1603.9
1171	9.4	52715.6	-1609.1	1261	9.4	54245.9	-1604.4	1351	9.0	55859.1	-1608.7	1441	9.2	61405.3	-1604.6
1172	9.5	52723.6	-1635.9	1262	9.5	54247.3	-1601.8	1352	9.0	55916.3	-1631.2	1442	9.3	61426.3	-1657.1
1173	9.6	52733.0	-1656.3	1263	8.8	54308.3	-1632.6	1353	8.2	55920.8	-1613.7	1443	8.0	61427.6	-1654.9
1174	9.4	52754.0	-1606.5	1264	9.3	54311.4	-1606.2	1354	7.8	55920.8	-1656.7	1444	9.5	61433.5	-1623.0
1175	10.	52812.3	-1618.0	1265	9.4	54325.9	-1627.6	1355	10.	55944.1	-1606.0	1445	9.8	61435.1	-1619.9
1176	9.9	52827.2	-1610.2	1266	9.7	54331.7	-1613.1	1356	8.2	60004.8	-1652.7	1446	8.3	61441.3	-1636.7
1177	9.7	52905.1	-1610.0	1267	10.	54341.3	-1634.9	1357	7.0	60010.6	-1630.4	1447	8.7	61451.7	-1608.5
1178	9.7	52908.5	-1610.5	1268	9.2	54354.7	-1654.3	1358	9.0	60011.8	-1626.1	1448	8.0	61451.9	-1644.4
1179	8.5	52915.9	-1641.0	1269	9.0	54357.8	-1614.6	1359	8.4	60013.2	-1614.9	1449	9.5	61459.4	-1622.3
1180	8.4	52938.4	-1657.5	1270	9.5	54405.4	-1641.6	1360	10.	60015.8	-1603.4	1450	9.6	61509.5	-1624.5
1181	9.2	52950.0	-1649.7	1271	9.1	54410.3	-1602.5	1361	10.	60020.2	-1641.2	1451	9.6	61519.2	-1651.3
1182	8.5	52957.9	-1646.8	1272	10.	54424.7	-1640.0	1362	10.	60037.3	-1644.3	1452	9.6	61526.1	-1607.5
1183	9.8	53008.3	-1638.5	1273	9.8	54425.2	-1631.3	1363	9.8	60038.2	-1609.9	1453	10.	61539.7	-1651.5
1184	10.	53032.6	-1632.9	1274	9.0	54436.5	-1601.1	1364	9.4	60040.5	-1642.5	1454	8.5	61539.9	-1632.1
1185	8.5	53052.0	-1647.2	1275	9.1	54442.0	-1601.6	1365	9.7	60050.7	-1604.7	1455	9.8	61549.4	-1612.6
1186	9.3	53056.6	-1630.9	1276	10.	54446.0	-1625.8	1366	9.8	60102.9	-1630.8	1456	8.6	61555.8	-1639.5
1187	10.	53121.7	-1636.0	1277	9.7	54449.9	-1602.2	1367	9.8	60107.2	-1616.8	1457	10.	61620.9	-1643.2
1188	10.	53121.8	-1659.4	1278	9.9	54450.1	-1626.7	1368	9.0	60113.5	-1651.5	1458	10.	61700.3	-1655.5
1189	9.8	53139.3	-1607.5	1279	10.	54454.4	-1628.6	1369	9.6	60141.7	-1656.2	1459	10.	61703.6	-1624.5
1190	9.8	53145.3	-1605.8	1280	9.4	54455.7	-1654.3	1370	9.5	60154.9	-1606.5	1460	9.9	61710.1	-1658.8
1191	9.8	53201.0	-1645.0	1281	9.8	54506.4	-1642.9	1371	9.2	60159.0	-1652.4	1461	7.2	61714.0	-1623.5
1192	9.4	53222.5	-1646.5	1282	10.	54515.7	-1613.4	1372	9.8	60217.6	-1635.6	1462	9.1	61722.7	-1651.9
1193	10.	53226.9	-1656.8	1283	10.	54518.0	-1607.7	1373	9.5	60225.9	-1606.8	1463	9.2	61722.9	-1633.1
1194	8.3	53241.4	-1610.2	1284	9.1	54546.2	-1600.2	1374	9.0	60251.6	-1659.4	1464	9.4	61742.8	-1612.0
1195	9.7	53242.0	-1621.9	1285	10.	54559.3	-1608.5	1375	9.0	60255.2	-1613.2	1465	9.2	61744.7	-1613.0
1196	10.	53256.2	-1646.0	1286	9.9	54601.2	-1613.0	1376	9.5	60316.3	-1603.8	1466	9.7	61748.8	-1658.8
1197	10.	53310.3	-1635.9	1287	9.5	54604.4	-1620.0	1377	9.5	60321.1	-1634.2	1467	7.4	61751.9	-1609.2
1198	9.8	53337.1	-1611.4	1288	9.0	54619.4	-1641.5	1378	10.	60328.9	-1628.7	1468	9.0	61753.4	-1609.0
1199	8.5	53346.2	-1631.0	1289	9.0	54635.0	-1645.1	1379	10.	60331.4	-1630.6	1469	8.9	61757.6	-1642.8
1200	9.2	53350.7	-1611.1	1290	9.2	54653.4	-1601.9	1380	9.5	60338.1	-1634.2	1470	10.	61802.2	-1617.0

-16 1471 6h18m

-16 1830 7h06m

1471	9.3	61815.1	-1605.7	1561	9.5	63308.6	-1631.8	1651	9.7	64820.1	-1608.2	1741	9.2	65812.2	-1642.3
1472	10.	61823.0	-1638.0	1562	9.4	63316.9	-1645.6	1652	9.0	64822.7	-1621.5	1742	9.7	65812.5	-1608.5
1473	9.8	61839.5	-1603.2	1563	8.7	63348.3	-1621.0	1653	9.0	64834.2	-1618.0	1743	8.0	65818.4	-1604.3
1474	9.1	61852.5	-1659.5	1564	9.1	63356.4	-1646.0	1654	9.5	64847.2	-1619.3	1744	9.0	65824.5	-1649.8
1475	8.8	61857.6	-1619.1	1565	9.8	63407.2	-1617.1	1655	8.5	64854.4	-1628.2	1745	9.1	65830.2	-1620.8
1476	9.9	61903.1	-1604.5	1566	10.	63414.3	-1645.7	1656	9.2	64855.5	-1607.4	1746	9.2	65834.8	-1618.2
1477	9.5	61921.2	-1652.0	1567	10.	63415.8	-1632.8	1657	9.8	64904.6	-1653.7	1747	9.8	65843.1	-1645.3
1478	8.8	61928.6	-1649.6	1568	9.7	63429.9	-1615.0	1658	8.8	64914.8	-1621.2	1748	9.4	65844.1	-1636.4
1479	8.8	61928.8	-1639.1	1569	9.5	63430.7	-1607.0	1659	9.2	64921.6	-1633.4	1749	8.8	65846.1	-1618.2
1480	9.4	61929.9	-1614.1	1570	9.3	63446.2	-1636.0	1660	9.7	64938.0	-1611.4	1750	9.0	65848.3	-1625.2
1481	9.0	61934.7	-1607.3	1571	9.5	63506.1	-1631.9	1661	6.0	64940.5	-1651.9	1751	9.1	65854.9	-1607.8
1482	9.1	61959.3	-1639.4	1572	9.0	63513.0	-1604.1	1662	9.8	64940.5	-1615.0	1752	9.6	65900.9	-1606.5
1483	7.8	62003.1	-1631.0	1573	9.0	63522.6	-1608.2	1663	9.4	64950.8	-1609.8	1753	8.5	65905.4	-1628.6
1484	9.0	62018.3	-1639.2	1574	9.6	63546.4	-1645.5	1664	9.6	64952.1	-1642.7	1754	9.1	65908.0	-1652.4
1485	10.	62025.0	-1600.9	1575	9.5	63548.6	-1632.6	1665	9.8	65000.9	-1602.8	1755	8.8	65915.2	-1622.9
1486	8.6	62033.1	-1655.0	1576	9.0	63603.6	-1605.8	1666	8.5	65004.5	-1618.8	1756	9.1	65923.3	-1609.7
1487	9.3	62043.0	-1601.5	1577	9.5	63606.9	-1648.9	1667	9.2	65015.7	-1617.3	1757	9.8	65923.8	-1629.8
1488	9.4	62048.9	-1616.2	1578	9.5	63628.9	-1645.7	1668	9.7	65024.5	-1652.5	1758	9.8	65924.5	-1650.5
1489	10.	62112.1	-1653.7	1579	9.8	63632.1	-1606.4	1669	8.9	65026.6	-1653.3	1759	9.7	65927.7	-1630.8
1490	9.9	62116.3	-1635.7	1580	8.9	63637.0	-1601.2	1670	9.1	65031.5	-1631.2	1760	10.	65928.9	-1651.1
1491	9.0	62133.8	-1603.0	1581	9.3	63649.0	-1652.6	1671	7.5	65034.9	-1654.6	1761	9.0	65929.4	-1617.1
1492	10.	62144.7	-1635.2	1582	9.3	63704.8	-1613.9	1672	9.0	65036.5	-1617.5	1762	9.0	65942.3	-1600.1
1493	9.5	62152.3	-1640.1	1583	9.0	63717.5	-1653.9	1673	8.2	65052.5	-1611.9	1763	9.1	65945.8	-1659.7
1494	9.5	62153.1	-1651.5	1584	9.3	63737.5	-1624.4	1674	8.8	65057.1	-1654.7	1764	9.5	65948.3	-1613.1
1495	10.	62208.6	-1626.9	1585	9.8	63739.0	-1653.2	1675	9.1	65059.5	-1650.0	1765	9.5	65951.4	-1609.3
1496	9.8	62209.1	-1618.3	1586	8.5	63810.2	-1635.4	1676	9.0	65103.7	-1619.9	1766	9.6	65951.7	-1606.1
1497	9.4	62229.6	-1619.6	1587	9.3	63814.3	-1638.2	1677	8.2	65104.5	-1642.0	1767	9.3	65959.5	-1619.8
1498	9.1	62231.8	-1603.9	1588	9.8	63814.5	-1657.3	1678	8.5	65106.0	-1617.8	1768	9.4	70014.7	-1641.3
1499	9.8	62249.1	-1658.0	1589	8.5	63830.6	-1638.8	1679	10.	65112.4	-1630.8	1769	9.0	70024.5	-1631.4
1500	7.3	62311.1	-1655.1	1590	8.7	63833.2	-1653.1	1680	9.4	65113.5	-1609.5	1770	9.1	70026.8	-1635.3
1501	9.3	62312.6	-1617.4	1591	1.0	63844.6	-1631.6	1681	10.	65125.1	-1634.0	1771	10.	70027.1	-1634.2
1502	9.3	62344.0	-1613.2	1592	9.2	63854.0	-1608.8	1682	9.5	65145.0	-1632.4	1772	9.6	70027.4	-1657.8
1503	10.	62351.7	-1632.7	1593	9.0	63906.9	-1644.7	1683	9.4	65146.4	-1628.9	1773	9.8	70029.6	-1652.3
1504	8.2	62357.1	-1650.6	1594	8.8	63909.5	-1646.8	1684	9.8	65151.0	-1652.5	1774	8.9	70031.5	-1637.9
1505	9.4	62405.8	-1638.6	1595	8.2	63938.2	-1619.9	1685	8.5	65204.5	-1607.4	1775	9.8	70038.3	-1611.6
1506	8.5	62425.5	-1611.5	1596	8.8	63949.0	-1646.9	1686	8.6	65205.5	-1657.1	1776	9.3	70041.3	-1622.3
1507	9.4	62428.3	-1637.1	1597	8.8	63951.9	-1643.1	1687	9.1	65206.3	-1609.1	1777	9.1	70044.6	-1636.7
1508	9.0	62441.9	-1632.5	1598	8.5	64001.6	-1653.0	1688	9.1	65206.7	-1620.4	1778	10.	70048.0	-1627.4
1509	9.0	62442.0	-1636.2	1599	9.1	64016.1	-1612.5	1689	10.	65221.4	-1646.3	1779	9.3	70053.1	-1614.2
1510	9.2	62443.7	-1632.0	1600	9.0	64030.9	-1602.2	1690	9.9	65229.4	-1651.7	1780	10.	70054.1	-1600.4
1511	9.1	62446.0	-1646.5	1601	9.5	64049.0	-1653.1	1691	9.6	65229.4	-1601.4	1781	9.1	70104.9	-1654.9
1512	9.8	62448.4	-1646.3	1602	9.8	64107.9	-1607.2	1692	9.0	65257.9	-1652.9	1782	9.0	70110.1	-1629.0
1513	8.7	62501.1	-1617.9	1603	9.8	64108.3	-1603.9	1693	9.4	65309.8	-1608.4	1783	10.	70119.5	-1609.6
1514	9.0	62502.7	-1609.8	1604	9.5	64123.5	-1608.7	1694	8.9	65316.1	-1600.2	1784	9.2	70129.3	-1621.1
1515	9.2	62511.4	-1622.4	1605	9.5	64124.6	-1633.3	1695	9.9	65319.8	-1627.0	1785	9.7	70129.8	-1644.9
1516	9.3	62526.0	-1625.1	1606	9.7	64126.4	-1622.7	1696	10.	65320.4	-1617.2	1786	9.7	70130.1	-1643.0
1517	9.8	62542.6	-1628.7	1607	9.5	64142.8	-1641.0	1697	9.3	65325.5	-1627.7	1787	9.2	70135.2	-1611.2
1518	9.3	62543.0	-1601.2	1608	9.3	64201.8	-1658.3	1698	9.1	65330.2	-1628.4	1788	9.0	70146.9	-1618.2
1519	10.	62547.1	-1601.7	1609	7.8	64217.2	-1603.0	1699	9.3	65332.3	-1621.1	1789	9.5	70148.8	-1614.6
1520	9.5	62553.8	-1649.0	1610	9.7	64224.5	-1617.2	1700	9.5	65336.9	-1613.6	1790	9.4	70155.1	-1606.4
1521	9.8	62641.5	-1631.1	1611	9.4	64226.6	-1633.4	1701	8.2	65338.7	-1607.4	1791	10.	70157.5	-1652.4
1522	10.	62644.1	-1603.0	1612	9.8	64231.9	-1618.5	1702	9.3	65353.0	-1650.2	1792	9.6	70219.3	-1608.1
1523	9.8	62718.2	-1607.0	1613	9.8	64248.0	-1647.5	1703	9.8	65400.4	-1646.0	1793	8.9	70224.5	-1617.3
1524	9.3	62726.0	-1630.6	1614	9.5	64250.3	-1619.3	1704	9.5	65401.3	-1658.1	1794	9.8	70228.5	-1659.0
1525	10.	62740.9	-1641.5	1615	10.	64303.5	-1640.5	1705	8.8	65428.4	-1614.8	1795	9.7	70232.0	-1602.8
1526	9.0	62746.1	-1611.2	1616	9.4	64306.5	-1637.6	1706	9.8	65431.0	-1604.7	1796	9.7	70236.1	-1643.9
1527	9.4	62751.3	-1620.9	1617	9.6	64314.7	-1643.6	1707	9.8	65435.0	-1622.5	1797	9.6	70236.3	-1602.3
1528	9.2	62803.8	-1603.5	1618	8.1	64315.2	-1608.8	1708	10.	65435.8	-1643.5	1798	9.3	70241.5	-1640.4
1529	9.5	62807.0	-1630.4	1619	9.3	64332.7	-1642.1	1709	9.7	65442.1	-1655.4	1799	9.6	70246.4	-1614.6
1530	9.5	62815.3	-1620.7	1620	9.4	64333.9	-1641.8	1710	10.	65447.9	-1610.9	1800	9.7	70248.0	-1658.0
1531	8.8	62818.2	-1603.8	1621	10.	64336.1	-1612.5	1711	9.5	65503.2	-1635.4	1801	9.0	70300.1	-1642.1
1532	9.5	62822.6	-1651.1	1622	9.8	64337.1	-1657.5	1712	9.4	65511.3	-1603.5	1802	6.0	70300.7	-1600.2
1533	9.1	62826.1	-1633.7	1623	8.7	64353.3	-1646.4	1713	9.8	65517.4	-1625.4	1803	9.7	70306.2	-1630.5
1534	10.	62834.7	-1655.5	1624	6.0	64354.0	-1654.8	1714	9.0	65518.0	-1652.4	1804	10.	70312.3	-1607.1
1535	10.	62844.0	-1630.8	1625	9.5	64406.7	-1601.3	1715	9.4	65528.9	-1627.1	1805	9.5	70312.8	-1646.4
1536	8.8	62850.7	-1654.7	1626	10.	64410.6	-1617.7	1716	8.3	65535.6	-1635.1	1806	9.8	70314.5	-1657.8
1537	8.8	62930.3	-1641.4	1627	9.4	64423.0	-1606.5	1717	9.7	65543.0	-1617.9	1807	9.7	70332.0	-1621.3
1538	9.5	62940.5	-1653.0	1628	10.	64429.0	-1609.2	1718	9.5	65557.3	-1622.2	1808	9.3	70335.0	-1600.6
1539	9.8	63002.2	-1627.0	1629	9.0	64432.6	-1632.5	1719	9.8	65607.0	-1644.7	1809	10.	70339.9	-1645.0
1540	10.	63002.7	-1637.9	1630	9.6	64439.7	-1654.1	1720	8.8	65610.2	-1646.5	1810	9.6	70358.2	-1649.3
1541	9.1	63017.3	-1615.0	1631	9.7	64449.9	-1645.8	1721	9.3	65612.7	-1618.8	1811	9.8	70401.6	-1636.9
1542	7.9	63031.7	-1614.1	1632	9.3	64510.9	-1625.3	1722	9.5	65612.9	-1607.3	1812	10.	70413.7	-1645.0
1543	10.	63031.8	-1631.9	1633	9.6	64521.3	-1621.5	1723	7.2	65619.5	-1629.5	1813	9.8	70423.9	-1623.4
1544	9.5	63037.5	-1610.1	1634	9.7	64526.9	-1627.0	1724	9.4	65620.9	-1626.6	1814	9.7	70437.4	-1628.8
1545	9.4	63059.6	-1653.2	1635	9.7	64544.9	-1618.1	1725	9.9	65635.1	-1632.3	1815	10.	70437.5	-1656.6
1546	8.2	63116.6	-1653.0	1636	8.8	64551.4	-1613.0	1726	9.2	65637.4	-1633.0	1816	9.8	70444.0	-1629.9
1547	9.4	63135.2	-1635.3	1637	9.3	64604.9	-1626.3	1727	9.5	65642.3	-1623.1	1817	9.4	70444.3	-1653.4
1548	9.8	63138.7	-1636.4	1638	7.3	64615.7	-1602.2	1728	9.8	65646.6	-1628.0	1818	9.7	70445.2	-1608.7
1549	9.1	63140.1	-1620.4	1639	9.4	64630.5	-1608.1	1729	9.1	65646.8	-1630.8	1819	9.8	70447.8	-1623.7
1550	9.9	63154.0	-1629.1	1640	9.7	64645.0	-1610.6	1730	9.6	65648.3	-1633.8	1820	9.8	70506.9	-1630.1
1551	9.4	63200.7	-1637.6	1641	9.5	64653.6	-1608.8	1731	9.8	65651.7	-1615.5	1821	9.8	70511.8	-1644.7
1552	9.4	63205.3	-1620.8	1642	9.7	64658.1	-1614.9	1732	9.2	65702.1	-1633.4	1822	9.6	70526.4	-1641.1
1553	9.3	63206.4	-1623.7	1643	9.7	64705.4	-1602.1	1733	9.8	65708.1	-1638.0	1823	9.4	70527.1	-1642.7
1554	6.3	63207.9	-1645.0	1644	8.5	64706.0	-1641.0	1734	9.1	65715.6	-1600.6	1824	9.8	70533.9	-1655.4
1555	9.5	63214.1	-1615.2	1645	9.5	64732.1	-1616.5	1735	9.5	65720.6	-1621.5	1825	9.3	70540.8	-1627.5
1556	7.3	63215.2	-1608.1	1646	9.7	64747.0	-1639.9	1736	9.0	65730.4	-1641.3	1826	9.7	70605.7	-1625.4
1557	9.5	63230.0	-1650.4	1647	9.7	64747.8	-1657.1	1737	9.8	65744.1	-1633.2	1827	9.5	70606.0	-1621.4
1558	8.7	63231.0	-1641.2	1648	9.6	64758.3	-1619.5	1738	9.5	65752.3	-1654.5	1828	9.1	70608.4	-1628.8
1559	8.7	63232.3	-1619.3	1649	8.3	64805.1	-1634.8	1739	9.8	65758.8	-1645.4	1829	9.5	70608.4	-1616.2
1560	8.2	63250.0	-1631.8	1650	9.8	64808.3	-1622.3	1740	9.3	65808.0	-1651.4	1830	9.2	70622.2	-1608.8

1831	9.5	70627.0	-1659.3	1921	9.1	71517.5	-1603.3	2011	9.4	72623.1	-1604.2	2101	8.2	73734.1	-1635.2
1832	8.5	70635.0	-1624.4	1922	9.4	71520.8	-1615.5	2012	8.8	72624.9	-1654.9	2102	9.8	73739.2	-1644.4
1833	9.4	70635.6	-1615.6	1923	7.2	71547.1	-1602.2	2013	9.6	72656.0	-1633.2	2103	10.	73741.6	-1617.4
1834	10.	70639.2	-1649.0	1924	10.	71606.2	-1623.9	2014	9.5	72659.2	-1628.0	2104	9.4	73743.9	-1620.0
1835	9.3	70641.3	-1638.7	1925	9.5	71611.3	-1622.8	2015	9.2	72701.6	-1658.1	2105	8.1	73804.7	-1656.5
1836	9.2	70645.6	-1601.1	1926	9.3	71615.4	-1628.8	2016	9.8	72704.0	-1652.8	2106	9.4	73807.7	-1659.9
1837	8.2	70712.8	-1605.4	1927	9.3	71615.4	-1606.0	2017	9.7	72708.3	-1653.5	2107	9.0	73824.1	-1633.1
1838	9.8	70734.9	-1614.3	1928	7.8	71617.8	-1626.9	2018	9.9	72711.2	-1605.7	2108	9.8	73827.8	-1658.3
1839	9.0	70740.5	-1626.5	1929	9.5	71624.7	-1646.0	2019	10.	72723.1	-1644.5	2109	9.2	73846.2	-1630.2
1840	9.7	70741.3	-1621.2	1930	9.6	71626.2	-1648.4	2020	9.3	72736.9	-1631.7	2110	9.3	73847.9	-1633.2
1841	9.5	70743.3	-1626.3	1931	9.2	71637.5	-1654.4	2021	9.6	72748.2	-1642.2	2111	8.7	73848.3	-1614.3
1842	9.8	70753.1	-1634.3	1932	10.	71645.1	-1653.4	2022	9.7	72806.1	-1636.0	2112	9.3	73859.0	-1614.8
1843	10.	70808.1	-1628.8	1933	8.7	71651.3	-1617.5	2023	10.	72809.6	-1655.0	2113	9.2	73907.1	-1637.5
1844	10.	70809.4	-1610.2	1934	9.7	71655.8	-1614.9	2024	9.8	72811.4	-1639.8	2114	9.8	73908.8	-1612.8
1845	9.0	70824.2	-1651.9	1935	9.8	71705.5	-1619.9	2025	9.4	72814.1	-1659.4	2115	9.7	73912.8	-1653.2
1846	9.3	70825.3	-1630.7	1936	9.4	71705.7	-1628.2	2026	9.7	72816.6	-1647.3	2116	9.0	73913.3	-1659.0
1847	9.3	70827.2	-1620.9	1937	9.7	71706.2	-1602.8	2027	8.6	72823.8	-1648.0	2117	9.3	73924.1	-1640.2
1848	9.7	70827.4	-1635.2	1938	9.5	71713.2	-1619.5	2028	10.	72830.4	-1611.4	2118	9.3	73926.9	-1615.6
1849	9.8	70841.2	-1603.4	1939	10.	71717.3	-1604.0	2029	9.7	72836.7	-1619.2	2119	9.1	73934.3	-1613.4
1850	9.1	70848.1	-1619.5	1940	10.	71718.2	-1619.3	2030	9.8	72843.5	-1642.9	2120	9.3	73945.3	-1600.2
1851	9.8	70853.5	-1631.6	1941	9.8	71732.2	-1637.2	2031	8.6	72846.3	-1605.3	2121	9.3	73957.6	-1617.4
1852	9.5	70900.9	-1620.4	1942	9.8	71753.9	-1605.8	2032	9.7	72848.1	-1613.1	2122	9.0	74004.8	-1647.9
1853	9.8	70903.1	-1617.7	1943	9.8	71801.4	-1607.2	2033	9.8	72850.3	-1614.9	2123	9.9	74007.0	-1612.3
1854	9.9	70911.3	-1654.1	1944	10.	71815.5	-1625.6	2034	9.4	72903.7	-1639.5	2124	9.0	74016.9	-1625.0
1855	9.5	70914.9	-1622.3	1945	9.5	71827.1	-1619.0	2035	9.4	72908.1	-1622.0	2125	9.8	74031.8	-1604.9
1856	9.0	70916.5	-1633.6	1946	9.5	71829.9	-1656.1	2036	9.1	72921.1	-1650.5	2126	9.5	74034.9	-1613.3
1857	8.8	70936.7	-1629.5	1947	9.6	71832.9	-1618.2	2037	7.9	72935.6	-1634.5	2127	9.3	74048.4	-1606.7
1858	9.1	70937.1	-1603.2	1948	9.8	71841.3	-1639.1	2038	10.	72939.4	-1620.9	2128	9.5	74054.2	-1640.2
1859	9.2	70945.1	-1656.4	1949	9.0	71846.5	-1610.6	2039	9.7	72940.5	-1659.3	2129	9.5	74056.0	-1642.6
1860	8.0	70948.4	-1627.6	1950	9.4	71847.0	-1657.0	2040	9.7	72940.8	-1635.2	2130	9.3	74131.3	-1659.7
1861	9.7	71007.4	-1645.2	1951	9.5	71848.6	-1640.3	2041	8.5	72945.5	-1652.1	2131	9.8	74132.8	-1655.8
1862	9.8	71009.9	-1656.2	1952	9.7	71901.0	-1644.4	2042	9.5	73002.8	-1638.9	2132	9.8	74133.7	-1609.7
1863	9.1	71010.1	-1631.7	1953	10.	71902.4	-1633.5	2043	9.5	73003.0	-1631.8	2133	9.8	74153.0	-1634.4
1864	9.8	71011.2	-1641.3	1954	9.1	71913.1	-1632.1	2044	10.	73014.7	-1639.7	2134	9.7	74201.8	-1658.6
1865	9.8	71015.2	-1643.2	1955	8.7	71921.3	-1655.2	2045	9.5	73018.5	-1644.2	2135	10.	74202.0	-1619.8
1866	10.	71022.7	-1641.0	1956	9.8	71923.3	-1621.3	2046	10.	73032.1	-1649.6	2136	8.7	74202.5	-1611.4
1867	9.8	71025.4	-1654.3	1957	9.5	71930.9	-1629.9	2047	9.6	73032.9	-1613.3	2137	9.7	74218.9	-1627.0
1868	9.5	71030.6	-1654.4	1958	8.9	71958.8	-1611.5	2048	9.8	73038.6	-1658.8	2138	9.3	74236.3	-1657.5
1869	9.4	71032.4	-1620.9	1959	9.6	72000.8	-1642.3	2049	9.5	73049.6	-1637.8	2139	9.6	74239.7	-1604.6
1870	8.9	71032.8	-1612.8	1960	9.6	72005.8	-1626.8	2050	9.2	73055.2	-1609.4	2140	9.8	74240.0	-1638.9
1871	9.6	71040.8	-1656.4	1961	10.	72020.0	-1633.7	2051	9.8	73101.5	-1613.5	2141	9.8	74240.7	-1657.1
1872	9.7	71044.2	-1623.0	1962	10.	72040.8	-1613.0	2052	8.3	73105.7	-1605.5	2142	9.5	74244.6	-1644.7
1873	9.0	71044.6	-1638.2	1963	8.9	72123.5	-1605.6	2053	9.7	73109.5	-1628.8	2143	9.4	74252.1	-1658.3
1874	9.7	71045.1	-1658.3	1964	9.4	72126.5	-1632.8	2054	9.7	73111.3	-1658.4	2144	9.3	74252.5	-1614.8
1875	9.6	71055.1	-1651.3	1965	9.7	72131.1	-1654.8	2055	9.6	73112.1	-1625.3	2145	8.5	74300.9	-1629.3
1876	9.2	71058.8	-1654.5	1966	10.	72135.1	-1602.7	2056	9.7	73130.2	-1608.9	2146	5.0	74308.8	-1651.3
1877	9.6	71102.7	-1627.5	1967	9.1	72149.9	-1624.4	2057	9.2	73141.4	-1653.8	2147	9.8	74311.2	-1610.
1878	9.7	71105.1	-1646.4	1968	10.	72202.1	-1604.5	2058	9.5	73202.8	-1638.5	2148	9.0	74318.4	-1648.
1879	9.2	71126.7	-1653.5	1969	8.7	72205.8	-1615.7	2059	9.7	73205.5	-1614.7	2149	9.5	74320.9	-1621.
1880	9.4	71140.0	-1653.1	1970	10.	72224.0	-1639.4	2060	9.2	73205.9	-1623.2	2150	9.5	74329.7	-1659.
1881	9.1	71146.2	-1634.0	1971	10.	72231.9	-1607.5	2061	9.3	73211.8	-1603.1	2151	9.8	74338.2	-1600.
1882	9.4	71147.7	-1627.1	1972	10.	72233.1	-1610.5	2062	8.9	73213.7	-1603.2	2152	9.5	74349.9	-1622.
1883	9.4	71153.8	-1647.6	1973	8.7	72250.7	-1641.0	2063	8.6	73221.8	-1606.2	2153	9.7	74352.2	-1659.
1884	9.2	71158.2	-1634.1	1974	9.9	72252.6	-1615.6	2064	9.5	73225.2	-1627.8	2154	9.1	74358.6	-1642.1
1885	9.0	71158.5	-1656.0	1975	9.5	72314.7	-1631.4	2065	9.5	73247.1	-1610.5	2155	9.7	74407.9	-1614.7
1886	8.0	71206.4	-1623.0	1976	9.6	72324.3	-1607.9	2066	9.8	73248.1	-1655.9	2156	9.7	74408.7	-1606.6
1887	8.6	71211.8	-1601.2	1977	9.8	72336.2	-1625.8	2067	9.8	73248.6	-1607.2	2157	9.0	74410.5	-1630.1
1888	9.7	71221.7	-1651.3	1978	7.8	72341.0	-1646.0	2068	8.8	73248.7	-1620.8	2158	9.4	74416.4	-1613.0
1889	9.8	71222.2	-1637.6	1979	9.9	72342.9	-1606.2	2069	6.3	73251.8	-1630.8	2159	9.8	74424.1	-1659.4
1890	9.8	71225.6	-1637.2	1980	9.5	72347.8	-1603.2	2070	9.7	73302.1	-1603.0	2160	9.0	74427.7	-1646.5
1891	9.4	71225.9	-1644.7	1981	9.2	72355.5	-1629.1	2071	9.6	73321.7	-1618.0	2161	10.	74442.7	-1651.2
1892	7.1	71234.3	-1656.8	1982	9.8	72400.6	-1614.3	2072	9.8	73321.8	-1602.1	2162	8.2	74452.7	-1614.2
1893	9.3	71238.4	-1625.2	1983	9.5	72407.4	-1613.6	2073	9.7	73324.2	-1611.2	2163	8.5	74456.1	-1639.6
1894	10.	71243.3	-1601.0	1984	9.5	72407.4	-1649.8	2074	8.5	73333.4	-1613.5	2164	9.4	74501.8	-1627.5
1895	8.8	71247.6	-1632.0	1985	9.7	72409.0	-1621.9	2075	9.5	73336.3	-1606.9	2165	9.5	74515.9	-1623.8
1896	9.8	71247.8	-1645.8	1986	8.8	72410.8	-1647.8	2076	8.7	73336.8	-1650.7	2166	9.1	74519.8	-1625.8
1897	9.6	71253.7	-1643.0	1987	9.7	72423.9	-1609.8	2077	9.5	73404.9	-1645.4	2167	9.4	74524.4	-1622.9
1898	5.9	71254.5	-1607.9	1988	9.5	72427.4	-1636.5	2078	9.8	73421.0	-1607.2	2168	8.7	74551.1	-16.8.8
1899	9.5	71302.8	-1650.6	1989	9.7	72439.7	-1617.0	2079	9.0	73425.0	-1610.7	2169	9.0	74605.1	-1643.6
1900	10.	71308.9	-1622.3	1990	10.	72452.7	-1632.1	2080	8.9	73428.4	-1609.6	2170	9.8	74607.4	-1603.6
1901	9.8	71325.6	-1638.8	1991	8.5	72456.0	-1600.2	2081	8.0	73437.6	-1648.7	2171	9.3	74615.0	-1641.4
1902	9.4	71332.7	-1644.0	1992	9.3	72458.3	-1656.8	2082	10.	73502.1	-1613.6	2172	9.2	74635.7	-1648.3
1903	9.8	71341.4	-1641.9	1993	9.8	72458.5	-1636.4	2083	9.8	73502.9	-1618.7	2173	9.1	74639.0	-1648.0
1904	8.7	71341.4	-1634.5	1994	9.0	72505.7	-1652.9	2084	10.	73518.4	-1630.2	2174	9.6	74642.3	-1625.2
1905	9.1	71344.3	-1646.2	1995	7.9	72506.9	-1653.5	2085	9.5	73518.6	-1610.5	2175	8.7	74647.3	-1627.0
1906	9.8	71352.0	-1632.2	1996	9.4	72510.4	-1646.3	2086	10.	73532.0	-1607.9	2176	10.	74653.2	-1659.9
1907	9.3	71403.4	-1627.3	1997	9.0	72510.9	-1654.0	2087	9.2	73536.8	-1658.9	2177	10.	74655.9	-1612.6
1908	9.5	71404.8	-1654.8	1998	9.5	72511.6	-1644.7	2088	10.	73537.2	-1638.0	2178	8.9	74659.1	-1651.4
1909	10.	71415.9	-1621.9	1999	9.2	72515.5	-1641.4	2089	8.7	73541.4	-1646.8	2179	9.7	74704.5	-1606.0
1910	9.5	71424.7	-1641.8	2000	9.6	72523.1	-1616.2	2090	9.4	73553.7	-1635.7	2180	8.2	74707.0	-1628.7
1911	8.5	71432.5	-1632.0	2001	8.2	72541.8	-1639.4	2091	10.	73601.2	-1655.7	2181	9.8	74715.4	-1621.1
1912	9.5	71434.2	-1634.3	2002	9.7	72542.7	-1613.5	2092	9.0	73607.4	-1618.2	2182	9.4	74723.9	-1638.4
1913	9.5	71441.2	-1657.9	2003	9.9	72553.4	-1635.7	2093	6.8	73626.8	-1643.0	2183	9.3	74732.5	-1605.8
1914	8.7	71441.6	-1604.3	2004	9.7	72559.7	-1621.8	2094	10.	73636.9	-1607.2	2184	9.6	74735.6	-1629.7
1915	9.5	71448.6	-1643.9	2005	9.9	72604.0	-1616.7	2095	9.8	73638.0	-1622.2	2185	9.5	74742.8	-1608.5
1916	9.7	71449.3	-1623.0	2006	8.9	72604.8	-1631.2	2096	9.3	73643.7	-1654.2	2186	9.7	74811.7	-1649.0
1917	9.6	71453.2	-1637.9	2007	9.8	72609.1	-1654.5	2097	9.1	73645.7	-1655.9	2187	9.7	74814.5	-1657.8
1918	9.3	71501.3	-1624.5	2008	8.3	72611.0	-1616.7	2098	9.5	73653.2	-1621.8	2188	9.4	74818.8	-1616.5
1919	9.4	71503.7	-1600.9	2009	9.8	72619.4	-1637.9	2099	9.3	73657.3	-1658.8	2189	9.3	74824.0	-1626.8
1920	9.4	71517.1	-1646.0	2010	8.7	72619.7	-1601.1	2100	9.6	73658.7	-1601.1	2190	9.1	74837.5	-1608.0

-16 2191 7h48m

-16 2550 8h34m

2191	9.8	74838.2	-1650.4	2281	9.6	75848.5	-1641.7	2371	9.5	80853.0	-1617.5	2461	8.8	82140.3	-1614.7
2192	9.0	74839.9	-1641.6	2282	10.	75859.0	-1617.3	2372	10.	80902.3	-1603.7	2462	9.7	82141.9	-1604.1
2193	9.1	74841.4	-1619.8	2283	9.8	75859.0	-1622.8	2373	9.0	80926.0	-1655.6	2463	9.0	82142.5	-1656.3
2194	9.5	74857.2	-1634.8	2284	9.4	75904.2	-1621.2	2374	9.0	80934.7	-1600.0	2464	8.6	82151.1	-1654.8
2195	9.6	74903.1	-1633.7	2285	9.3	75921.7	-1621.1	2375	9.4	80948.4	-1655.4	2465	9.1	82152.2	-1644.7
2196	10.	74908.5	-1613.7	2286	9.1	75924.3	-1624.0	2376	8.2	81000.8	-1611.9	2466	9.8	82157.4	-1632.5
2197	10.	74910.1	-1610.6	2287	9.0	75937.3	-1623.8	2377	9.8	81011.9	-1645.8	2467	10.	82214.7	-1625.3
2198	9.4	74913.2	-1636.5	2288	9.5	75938.5	-1639.8	2378	10.	81017.0	-1613.2	2468	9.4	82221.3	-1625.3
2199	9.0	74927.5	-1610.0	2289	9.0	75948.4	-1656.1	2379	9.1	81018.1	-1628.3	2469	9.7	82221.6	-1617.0
2200	8.9	74932.0	-1611.3	2290	9.4	75949.6	-1602.5	2380	10.	81025.3	-1602.6	2470	10.	82225.0	-1640.0
2201	9.2	74940.1	-1636.8	2291	8.5	75953.1	-1646.8	2381	9.0	81039.0	-1656.5	2471	9.5	82234.8	-1600.9
2202	9.7	74944.8	-1602.3	2292	9.8	75953.4	-1650.8	2382	8.8	81042.7	-1600.0	2472	9.3	82234.8	-1638.8
2203	9.9	74946.5	-1604.5	2293	9.6	75955.6	-1620.5	2383	10.	81048.4	-1645.0	2473	9.8	82238.0	-1635.4
2204	9.3	75003.3	-1623.4	2294	9.8	80002.1	-1616.3	2384	9.8	81104.3	-1635.7	2474	8.3	82253.0	-1619.4
2205	7.8	75003.5	-1614.8	2295	8.0	80004.7	-1652.8	2385	9.8	81107.3	-1616.3	2475	10.	82259.5	-1641.0
2206	7.0	75004.7	-1608.7	2296	9.6	80010.5	-1636.0	2386	9.5	81107.5	-1649.1	2476	9.4	82302.7	-1610.0
2207	9.0	75048.2	-1629.1	2297	9.6	80011.3	-1632.0	2387	8.0	81122.6	-1624.8	2477	9.0	82309.6	-1639.0
2208	9.3	75049.6	-1637.2	2298	10.	80017.6	-1648.5	2388	9.8	81123.4	-1617.8	2478	8.2	82319.6	-1613.7
2209	9.1	75052.4	-1625.0	2299	9.4	80025.9	-1600.5	2389	8.5	81136.5	-1620.9	2479	9.1	82331.1	-1654.9
2210	9.5	75056.2	-1641.9	2300	9.3	80027.5	-1610.8	2390	9.5	81150.8	-1643.0	2480	8.0	82332.3	-1620.6
2211	9.4	75057.1	-1643.7	2301	9.8	80031.3	-1634.5	2391	9.4	81156.7	-1627.0	2481	9.4	82335.8	-1658.8
2212	10.	75104.9	-1618.0	2302	9.5	80031.7	-1616.1	2392	9.6	81201.2	-1605.3	2482	9.4	82341.2	-1603.1
2213	9.8	75112.0	-1656.4	2303	9.6	80041.4	-1608.3	2393	9.7	81223.7	-1604.9	2483	9.6	82409.3	-1656.8
2214	10.	75115.2	-1638.3	2304	6.8	80041.9	-1657.3	2394	9.6	81236.4	-1610.3	2484	8.5	82412.3	-1658.8
2215	9.3	75117.6	-1616.9	2305	9.8	80043.0	-1640.5	2395	8.3	81239.0	-1624.5	2485	9.0	82422.0	-1631.3
2216	9.8	75118.1	-1600.8	2306	9.2	80058.5	-1655.9	2396	10.	81243.2	-1633.4	2486	9.5	82422.9	-1647.8
2217	9.8	75119.1	-1610.4	2307	9.8	80106.5	-1627.3	2397	9.4	81246.4	-1644.8	2487	9.9	82427.4	-1616.6
2218	10.	75141.8	-1612.3	2308	9.2	80113.5	-1655.9	2398	9.6	81249.8	-1614.4	2488	8.5	82439.9	-1631.4
2219	10.	75150.8	-1601.8	2309	9.5	80124.4	-1635.0	2399	9.8	81252.5	-1601.0	2489	9.8	82455.9	-1658.3
2220	9.9	75151.7	-1626.1	2310	9.0	80125.9	-1635.7	2400	9.8	81314.9	-1644.9	2490	9.4	82501.2	-1648.2
2221	9.3	75202.7	-1643.3	2311	9.8	80127.8	-1612.7	2401	10.	81333.2	-1634.3	2491	9.3	82503.2	-1611.3
2222	9.3	75205.4	-1655.7	2312	9.5	80147.2	-1602.4	2402	9.5	81334.1	-1611.2	2492	9.8	82517.6	-1640.2
2223	9.4	75211.3	-1618.8	2313	9.5	80151.1	-1645.6	2403	8.8	81352.3	-1644.6	2493	8.9	82519.3	-1623.9
2224	7.3	75220.6	-1639.7	2314	10.	80152.2	-1655.7	2404	8.0	81417.4	-1654.1	2494	9.2	82519.5	-1602.1
2225	8.7	75222.5	-1632.4	2315	9.8	80200.9	-1659.9	2405	8.3	81436.6	-1632.9	2495	10.	82539.8	-1621.2
2226	8.1	75241.9	-1627.0	2316	9.1	80211.2	-1653.6	2406	9.7	81442.0	-1610.8	2496	8.7	82549.9	-1618.3
2227	8.0	75242.6	-1617.5	2317	9.2	80219.3	-1632.4	2407	9.3	81444.0	-1627.3	2497	9.4	82557.0	-1652.2
2228	9.8	75244.4	-1629.0	2318	9.4	80220.8	-1649.4	2408	9.5	81451.3	-1609.9	2498	9.6	82617.1	-1616.2
2229	9.0	75247.8	-1647.3	2319	8.6	80239.8	-1656.1	2409	10.	81453.8	-1623.0	2499	9.2	82630.5	-1627.5
2230	9.5	75250.3	-1650.6	2320	9.8	80257.1	-1646.7	2410	8.6	81500.6	-1617.9	2500	10.	82634.4	-1648.9
2231	9.5	75310.1	-1604.6	2321	10.	80300.5	-1628.5	2411	9.5	81509.5	-1655.0	2501	10.	82639.7	-1619.8
2232	9.5	75313.8	-1659.9	2322	9.1	80305.0	-1645.0	2412	10.	81536.4	-1614.5	2502	10.	82641.3	-1612.8
2233	9.0	75317.9	-1651.0	2323	9.0	80313.3	-1632.3	2413	9.6	81542.3	-1615.5	2503	9.0	82641.4	-1659.2
2234	9.3	75322.9	-1616.7	2324	9.3	80315.2	-1631.0	2414	9.2	81545.5	-1654.0	2504	8.8	82641.6	-1630.8
2235	9.7	75327.9	-1655.7	2325	10.	80318.6	-1600.5	2415	9.1	81554.1	-1631.7	2505	9.2	82707.6	-1647.8
2236	9.3	75330.8	-1651.7	2326	9.5	80339.7	-1653.3	2416	9.0	81559.4	-1606.0	2506	9.4	82709.2	-1632.8
2237	7.0	75336.3	-1633.5	2327	9.5	80350.5	-1646.6	2417	8.7	81608.8	-1617.4	2507	9.0	82719.3	-1628.4
2238	9.5	75336.4	-1603.6	2328	9.2	80351.4	-1618.2	2418	9.5	81617.4	-1643.6	2508	9.8	82722.9	-1605.4
2239	9.6	75349.3	-1636.7	2329	9.0	80352.3	-1656.5	2419	10.	81620.7	-1634.9	2509	8.8	82745.7	-1609.2
2240	7.5	75354.7	-1638.3	2330	9.8	80407.8	-1658.2	2420	9.5	81632.3	-1652.6	2510	9.0	82803.9	-1619.0
2241	10.	75403.2	-1649.9	2331	9.0	80410.5	-1609.0	2421	8.8	81635.6	-1648.1	2511	10.	82831.3	-1629.2
2242	8.8	75404.1	-1610.5	2332	9.1	80412.8	-1657.7	2422	9.5	81649.2	-1637.1	2512	9.8	82848.8	-1627.2
2243	9.4	75412.7	-1600.0	2333	9.8	80426.1	-1651.3	2423	9.2	81649.7	-1650.5	2513	9.1	82849.2	-1651.7
2244	9.8	75415.5	-1632.6	2334	8.6	80430.2	-1609.9	2424	8.4	81650.1	-1611.5	2514	9.5	82901.6	-1644.3
2245	9.4	75420.0	-1647.6	2335	9.8	80431.1	-1618.4	2425	9.2	81705.8	-1642.6	2515	9.8	82905.1	-1649.2
2246	10.	75433.9	-1604.2	2336	9.8	80445.0	-1615.7	2426	9.8	81709.7	-1609.9	2516	9.1	82923.4	-1610.3
2247	9.0	75436.0	-1645.6	2337	9.0	80445.9	-1636.5	2427	8.7	81716.1	-1637.7	2517	9.3	82934.0	-1607.5
2248	9.8	75444.4	-1659.9	2338	9.8	80451.6	-1651.7	2428	9.8	81726.4	-1609.4	2518	9.8	82943.6	-1652.9
2249	9.3	75449.3	-1620.9	2339	9.2	80503.8	-1637.9	2429	9.0	81728.6	-1625.1	2519	8.5	82949.7	-1654.1
2250	9.1	75452.0	-1657.9	2340	9.3	80504.9	-1604.6	2430	9.5	81739.2	-1655.4	2520	9.3	83016.8	-1615.6
2251	9.4	75501.3	-1621.2	2341	8.6	80510.2	-1618.5	2431	9.7	81741.7	-1618.8	2521	9.8	83021.2	-1657.3
2252	9.8	75523.3	-1610.0	2342	9.8	80513.2	-1632.3	2432	9.6	81751.3	-1647.0	2522	9.8	83025.6	-1651.7
2253	9.5	75543.1	-1615.5	2343	9.4	80513.2	-1654.0	2433	9.4	81759.6	-1605.0	2523	9.3	83034.0	-1607.6
2254	10.	75548.9	-1624.1	2344	9.1	80528.7	-1627.7	2434	9.2	81800.3	-1615.2	2524	9.5	83034.3	-1654.5
2255	8.9	75556.4	-1629.5	2345	8.8	80535.8	-1600.0	2435	9.4	81809.8	-1642.4	2525	8.3	83037.4	-1659.7
2256	9.4	75611.5	-1632.7	2346	9.4	80543.8	-1618.5	2436	9.3	81810.1	-1637.7	2526	9.1	83039.7	-1626.2
2257	8.3	75612.5	-1618.2	2347	9.6	80557.4	-1641.2	2437	9.5	81812.9	-1600.0	2527	8.8	83047.8	-1643.2
2258	9.4	75624.8	-1626.2	2348	9.8	80632.0	-1648.3	2438	9.0	81824.1	-1619.1	2528	9.3	83102.0	-1609.5
2259	9.3	75629.0	-1604.2	2349	10.	80633.3	-1638.2	2439	9.8	81829.4	-1617.9	2529	9.4	83103.9	-1612.0
2260	9.7	75638.3	-1611.9	2350	8.7	80638.2	-1611.1	2440	8.2	81848.6	-1630.8	2530	9.8	83104.2	-1608.1
2261	9.8	75640.3	-1625.7	2351	9.3	80654.9	-1602.6	2441	9.6	81901.0	-1654.5	2531	9.2	83127.3	-1634.0
2262	9.9	75641.5	-1621.4	2352	8.5	80700.8	-1641.6	2442	6.7	81902.4	-1657.9	2532	8.5	83133.5	-1646.5
2263	8.2	75644.0	-1616.5	2353	9.0	80715.0	-1643.4	2443	9.3	81902.4	-1650.9	2533	9.8	83144.0	-1648.7
2264	9.3	75649.9	-1643.4	2354	9.5	80715.5	-1617.2	2444	9.7	81908.7	-1619.2	2534	8.1	83145.4	-1629.7
2265	9.8	75652.4	-1633.1	2355	10.	80719.0	-1652.1	2445	9.6	81909.1	-1603.9	2535	9.8	83157.6	-1650.3
2266	9.0	75707.6	-1606.9	2356	10.	80731.1	-1624.9	2446	9.4	81924.6	-1622.5	2536	9.4	83220.2	-1630.6
2267	9.2	75709.0	-1637.5	2357	9.8	80741.2	-1629.0	2447	9.5	81925.0	-1619.1	2537	9.0	83222.0	-1647.4
2268	9.8	75712.0	-1619.9	2358	9.4	80750.5	-1649.6	2448	9.1	81935.8	-1644.2	2538	9.0	83243.6	-1654.7
2269	9.4	75727.8	-1625.7	2359	9.4	80759.6	-1621.5	2449	9.8	81945.0	-1613.2	2539	9.5	83245.5	-1620.5
2270	9.8	75729.3	-1639.9	2360	9.8	80801.8	-1636.9	2450	9.4	81957.3	-1645.8	2540	10.	83303.8	-1656.8
2271	9.0	75732.4	-1605.7	2361	9.5	80802.9	-1613.2	2451	9.7	82029.2	-1637.1	2541	6.5	83314.0	-1647.4
2272	8.7	75740.0	-1651.5	2362	9.6	80819.9	-1614.9	2452	10.	82031.3	-1619.4	2542	9.0	83320.9	-1644.8
2273	9.8	75744.6	-1601.9	2363	6.8	80820.3	-1649.8	2453	9.0	82037.1	-1603.8	2543	9.5	83323.3	-1635.2
2274	9.0	75800.8	-1625.8	2364	9.9	80821.4	-1609.9	2454	10.	82056.2	-1641.0	2544	9.8	83334.3	-1634.7
2275	9.8	75816.1	-1607.3	2365	9.1	80824.5	-1646.8	2455	9.3	82105.2	-1638.8	2545	9.5	83339.9	-1659.4
2276	10.	75817.7	-1635.5	2366	9.5	80824.9	-1614.4	2456	9.5	82106.1	-1634.6	2546	9.3	83339.9	-1607.3
2277	7.8	75832.0	-1636.7	2367	9.1	80830.0	-1600.2	2457	8.0	82114.9	-1623.8	2547	9.2	83345.3	-1656.9
2278	9.2	75834.7	-1648.3	2368	8.7	80846.2	-1612.1	2458	9.4	82115.6	-1607.9	2548	9.5	83348.6	-1602.8
2279	8.6	75836.7	-1615.1	2369	9.8	80846.9	-1645.9	2459	9.1	82119.1	-1637.2	2549	9.4	83358.1	-1626.8
2280	9.1	75838.0	-1612.9	2370	9.5	80849.6	-1658.5	2460	9.4	82119.9	-1605.2	2550	8.0	83414.8	-1649.6

-16 2551 8h34m

-16 2910 9h46m

2551	9.2	83417.8	-1601.6	2641	9.8	85005.6	-1648.5	2731	9.5	90910.6	-1649.2	2821	10.	92611.6	-1602.9
2552	9.8	83432.5	-1650.0	2642	10.	85007.4	-1657.4	2732	9.7	90913.4	-1632.5	2822	9.9	92612.5	-1632.5
2553	9.4	83440.0	-1648.0	2643	9.7	85007.6	-1651.3	2733	9.6	90925.1	-1622.2	2823	9.4	92619.2	-1653.7
2554	9.5	83441.3	-1640.0	2644	7.2	85008.0	-1652.6	2734	9.6	90935.5	-1600.2	2824	9.0	92643.5	-1643.8
2555	9.0	83454.5	-1607.9	2645	9.5	85018.4	-1606.2	2735	8.3	90954.6	-1614.1	2825	9.1	92645.8	-1628.0
2556	9.1	83503.6	-1644.6	2646	10.	85019.9	-1631.9	2736	10.	91003.1	-1654.5	2826	9.3	92646.8	-1611.2
2557	9.8	83512.5	-1650.8	2647	9.8	85026.1	-1633.6	2737	9.1	91014.2	-1659.9	2827	9.5	92647.1	-1650.2
2558	9.7	83517.0	-1657.9	2648	8.5	85109.6	-1645.1	2738	9.1	91019.7	-1653.3	2828	9.0	92653.4	-1608.8
2559	7.6	83526.5	-1655.0	2649	8.7	85119.5	-1615.9	2739	10.	91026.9	-1633.6	2829	9.1	92719.2	-1654.8
2560	9.1	83558.6	-1653.5	2650	9.6	85124.6	-1618.6	2740	9.1	91114.0	-1623.7	2830	10.	92728.3	-1626.0
2561	9.8	83601.7	-1613.5	2651	9.9	85147.6	-1636.9	2741	9.9	91127.5	-1641.4	2831	9.8	92736.0	-1644.1
2562	8.5	83621.8	-1640.8	2652	8.0	85153.2	-1647.6	2742	8.2	91137.9	-1601.3	2832	9.1	92819.4	-1643.7
2563	9.4	83638.0	-1623.4	2653	7.1	85201.9	-1611.6	2743	9.7	91145.8	-1634.7	2833	9.8	92859.9	-1604.2
2564	9.0	83650.4	-1642.6	2654	9.5	85210.3	-1657.5	2744	8.7	91152.4	-1636.0	2834	9.1	92902.3	-1655.9
2565	9.0	83658.3	-1603.0	2655	9.2	85217.6	-1648.6	2745	9.8	91154.0	-1622.1	2835	9.8	92908.0	-1647.2
2566	8.0	83708.1	-1629.4	2656	10.	85227.1	-1652.2	2746	9.8	91154.1	-1630.1	2836	8.3	92920.4	-1636.3
2567	9.5	83723.2	-1606.4	2657	9.8	85242.0	-1634.1	2747	9.7	91159.5	-1646.5	2837	9.8	92924.8	-1622.9
2568	9.0	83725.5	-1651.0	2658	8.2	85254.2	-1637.8	2748	8.6	91209.1	-1612.6	2838	8.6	92935.5	-1644.5
2569	9.0	83727.4	-1625.4	2659	8.8	85258.4	-1609.8	2749	7.0	91210.4	-1611.4	2839	9.2	92940.5	-1649.4
2570	10.	83729.7	-1613.4	2660	9.9	85310.0	-1601.4	2750	9.8	91220.7	-1658.9	2840	9.3	92942.5	-1650.9
2571	9.8	83736.5	-1653.3	2661	10.	85331.4	-1614.7	2751	8.5	91223.9	-1634.7	2841	9.5	93015.2	-1628.1
2572	9.5	83801.7	-1606.3	2662	9.8	85357.0	-1643.0	2752	9.4	91240.3	-1647.6	2842	9.0	93032.8	-1603.0
2573	10.	83817.2	-1605.4	2663	8.6	85409.9	-1630.6	2753	9.5	91240.6	-1623.5	2843	8.8	93045.7	-1625.7
2574	10.	83826.6	-1618.1	2664	9.3	85442.0	-1641.5	2754	9.1	91247.5	-1645.1	2844	8.9	93113.4	-1600.3
2575	10.	83836.7	-1619.6	2665	9.5	85448.4	-1626.3	2755	9.2	91251.0	-1651.6	2845	9.0	93119.8	-1604.1
2576	9.5	83853.4	-1621.8	2666	10.	85532.4	-1606.3	2756	9.7	91257.3	-1658.5	2846	8.7	93120.9	-1640.3
2577	9.8	83854.5	-1637.7	2667	9.4	85532.9	-1631.1	2757	8.3	91339.9	-1648.4	2847	9.8	93155.6	-1656.7
2578	9.1	83856.9	-1623.8	2668	9.9	85604.5	-1644.1	2758	9.5	91412.2	-1605.0	2848	7.2	93210.4	-1658.4
2579	8.5	83923.8	-1646.0	2669	10.	85616.3	-1647.3	2759	9.7	91418.1	-1614.3	2849	9.2	93222.7	-1659.1
2580	9.5	83925.9	-1650.7	2670	9.2	85633.8	-1653.8	2760	9.5	91419.8	-1628.1	2850	9.7	93231.1	-1641.1
2581	9.5	83946.1	-1610.0	2671	9.4	85652.3	-1614.6	2761	9.2	91428.2	-1624.6	2851	8.3	93310.6	-1630.1
2582	9.8	83950.9	-1650.5	2672	6.8	85701.8	-1655.4	2762	9.8	91431.4	-1642.4	2852	8.8	93314.2	-1635.9
2583	9.7	84001.5	-1659.1	2673	9.0	85705.0	-1659.5	2763	9.8	91452.7	-1615.6	2853	10.	93353.7	-1605.7
2584	9.5	84005.2	-1640.5	2674	9.5	85716.9	-1651.5	2764	8.8	91546.1	-1617.1	2854	10.	93354.8	-1641.8
2585	9.3	84011.1	-1632.6	2675	9.4	85717.3	-1619.0	2765	9.5	91554.3	-1600.8	2855	9.7	93409.3	-1659.0
2586	9.0	84018.7	-1634.0	2676	9.0	85724.8	-1636.5	2766	9.5	91604.4	-1653.1	2856	10.	93415.6	-1624.5
2587	9.3	84025.0	-1621.8	2677	9.5	85733.9	-1644.8	2767	8.5	91609.5	-1652.6	2857	8.0	93421.8	-1643.7
2588	9.7	84034.5	-1659.4	2678	9.2	85739.9	-1643.2	2768	9.5	91611.1	-1616.2	2858	9.8	93427.0	-1616.7
2589	6.8	84039.5	-1631.1	2679	7.7	85756.6	-1639.7	2769	9.5	91631.2	-1604.3	2859	10.	93429.0	-1606.4
2590	8.6	84059.5	-1630.9	2680	10.	85801.8	-1635.6	2770	7.5	91641.8	-1602.6	2860	9.5	93438.3	-1650.7
2591	9.7	84110.2	-1655.6	2681	8.2	85835.0	-1645.7	2771	9.5	91655.5	-1654.0	2861	9.8	93441.1	-1657.8
2592	9.1	84113.4	-1657.4	2682	8.9	85933.0	-1633.8	2772	9.5	91658.2	-1602.6	2862	8.9	93450.6	-1657.8
2593	9.0	84138.6	-1608.4	2683	9.1	85943.2	-1629.6	2773	10.	91709.8	-1648.4	2863	9.2	93453.2	-1605.1
2594	9.4	84219.7	-1603.0	2684	8.8	85955.2	-1617.5	2774	9.5	91723.4	-1617.5	2864	9.8	93502.1	-1626.5
2595	9.1	84229.2	-1650.4	2685	9.8	90023.9	-1646.3	2775	9.1	91723.4	-1652.0	2865	9.8	93533.7	-1608.0
2596	9.2	84229.3	-1632.6	2686	9.8	90033.6	-1613.5	2776	9.9	91751.6	-1620.7	2866	9.2	93551.5	-1600.6
2597	8.5	84240.9	-1639.4	2687	9.8	90054.4	-1649.9	2777	10.	91806.7	-1642.9	2867	9.0	93553.8	-1649.3
2598	9.8	84258.8	-1633.2	2688	9.4	90114.8	-1637.2	2778	7.2	91811.7	-1635.5	2868	10.	93610.7	-1638.7
2599	10.	84300.8	-1617.6	2689	9.6	90119.2	-1610.2	2779	8.9	91829.6	-1628.6	2869	9.6	93636.1	-1659.8
2600	8.7	84318.4	-1642.3	2690	8.5	90140.5	-1618.3	2780	9.3	91831.6	-1633.5	2870	9.6	93640.0	-1614.1
2601	9.0	84324.8	-1656.1	2691	8.5	90153.7	-1639.8	2781	9.7	91838.7	-1605.7	2871	8.5	93646.9	-1646.4
2602	9.5	84326.4	-1634.0	2692	9.2	90205.1	-1631.5	2782	9.8	91903.8	-1643.6	2872	10.	93648.1	-1639.7
2603	9.4	84337.5	-1608.8	2693	9.4	90213.8	-1646.3	2783	10.	91917.1	-1622.4	2873	9.2	93649.0	-1634.5
2604	9.7	84339.7	-1609.4	2694	8.1	90219.9	-1610.6	2784	9.4	91921.1	-1613.3	2874	9.6	93724.0	-1620.8
2605	9.5	84355.5	-1614.5	2695	9.8	90241.3	-1658.9	2785	9.7	92008.9	-1617.5	2875	9.8	93734.7	-1623.7
2606	9.5	84413.9	-1640.2	2696	9.9	90249.2	-1611.2	2786	8.7	92019.2	-1638.2	2876	9.8	93737.3	-1628.0
2607	9.4	84421.0	-1638.3	2697	10.	90257.8	-1615.1	2787	9.0	92021.1	-1601.7	2877	9.0	93754.8	-1621.0
2608	10.	84449.8	-1626.1	2698	9.8	90322.5	-1626.0	2788	9.7	92022.2	-1618.9	2878	8.4	93755.8	-1610.8
2609	9.0	84503.9	-1625.9	2699	9.5	90323.3	-1651.0	2789	9.9	92024.8	-1649.4	2879	9.3	93806.9	-1620.5
2610	9.5	84505.5	-1643.1	2700	10.	90324.1	-1603.4	2790	10.	92025.7	-1638.9	2880	9.2	93813.8	-1618.6
2611	8.3	84518.5	-1621.6	2701	7.2	90324.9	-1616.6	2791	9.8	92037.4	-1603.5	2881	9.8	93843.5	-1651.0
2612	9.3	84535.7	-1624.6	2702	9.5	90338.2	-1643.3	2792	9.8	92054.1	-1608.2	2882	9.5	93925.5	-1624.7
2613	9.5	84538.9	-1629.5	2703	8.5	90349.6	-1623.0	2793	9.9	92057.3	-1627.5	2883	9.8	93928.9	-1629.8
2614	9.5	84539.7	-1637.1	2704	9.5	90353.4	-1655.8	2794	10.	92057.4	-1643.6	2884	9.8	94002.6	-1649.1
2615	9.5	84559.8	-1626.9	2705	10.	90409.0	-1612.1	2795	10.	92128.0	-1655.7	2885	8.6	94009.9	-1608.8
2616	9.4	84606.8	-1616.5	2706	8.3	90500.4	-1613.3	2796	8.9	92130.8	-1610.6	2886	9.3	94014.4	-1619.8
2617	9.4	84608.3	-1623.9	2707	9.7	90506.8	-1654.0	2797	9.8	92138.9	-1655.3	2887	7.0	94021.5	-1632.1
2618	6.5	84622.3	-1624.4	2708	9.0	90507.7	-1623.8	2798	9.8	92212.0	-1653.7	2888	9.4	94032.1	-1617.0
2619	9.2	84627.6	-1615.6	2709	9.5	90511.9	-1657.4	2799	9.5	92220.6	-1634.6	2889	8.8	94036.8	-1612.1
2620	9.1	84628.8	-1656.3	2710	9.1	90512.5	-1625.8	2800	8.9	92226.0	-1624.7	2890	10.	94133.9	-1627.5
2621	9.4	84629.4	-1612.4	2711	9.3	90518.6	-1602.0	2801	8.8	92226.1	-1637.6	2891	9.0	94145.3	-1614.5
2622	9.2	84635.5	-1657.3	2712	10.	90536.5	-1610.5	2802	9.5	92232.0	-1621.4	2892	9.0	94155.6	-1612.7
2623	9.5	84637.6	-1627.0	2713	10.	90554.0	-1609.4	2803	9.5	92237.6	-1635.7	2893	9.0	94212.7	-1654.7
2624	8.9	84649.9	-1640.7	2714	9.4	90556.8	-1630.9	2804	7.2	92238.7	-1652.3	2894	9.2	94213.2	-1627.5
2625	7.5	84654.4	-1648.3	2715	8.4	90600.3	-1612.0	2805	9.8	92248.1	-1612.3	2895	9.0	94249.8	-1621.6
2626	8.2	84701.8	-1640.2	2716	9.2	90608.5	-1655.5	2806	8.7	92321.7	-1658.2	2896	10.	94314.0	-1643.9
2627	9.4	84704.5	-1649.8	2717	9.5	90624.8	-1653.5	2807	9.8	92324.4	-1619.5	2897	9.0	94328.5	-1620.3
2628	9.1	84721.4	-1642.0	2718	9.3	90645.4	-1622.9	2808	9.6	92329.3	-1612.8	2898	9.2	94350.3	-1626.9
2629	9.8	84756.0	-1611.7	2719	8.8	90649.9	-1609.6	2809	9.2	92351.2	-1652.5	2899	9.2	94358.4	-1632.9
2630	10.	84801.1	-1605.2	2720	9.1	90717.6	-1636.7	2810	9.0	92409.9	-1655.4	2900	9.3	94411.5	-1646.0
2631	8.6	84848.3	-1630.7	2721	9.6	90737.4	-1648.9	2811	9.8	92430.4	-1609.8	2901	8.9	94418.9	-1604.0
2632	9.6	84849.7	-1621.3	2722	9.3	90739.2	-1651.7	2812	8.8	92451.4	-1625.9	2902	9.0	94433.6	-1654.1
2633	9.8	84915.3	-1617.0	2723	9.3	90753.8	-1657.3	2813	8.5	92506.7	-1610.0	2903	9.6	94447.5	-1645.3
2634	8.7	84919.3	-1613.4	2724	10.	90806.0	-1604.0	2814	8.8	92519.8	-1614.6	2904	8.8	94504.8	-1640.2
2635	9.1	84923.8	-1625.5	2725	9.8	90816.6	-1614.3	2815	8.6	92520.9	-1645.0	2905	9.3	94511.0	-1652.7
2636	9.8	84938.9	-1638.0	2726	10.	90824.2	-1630.7	2816	9.4	92526.5	-1641.9	2906	9.5	94511.3	-1623.3
2637	10.	84946.8	-1600.1	2727	9.4	90832.9	-1610.9	2817	9.1	92540.1	-1647.5	2907	10.	94523.2	-1640.9
2638	10.	84947.3	-1634.3	2728	9.4	90857.0	-1620.0	2818	9.8	92542.6	-1648.1	2908	9.4	94529.4	-1607.0
2639	6.2	84950.2	-1609.1	2729	10.	90858.3	-1658.3	2819	9.5	92551.0	-1603.8	2909	8.5	94540.5	-1645.3
2640	8.8	85004.7	-1628.0	2730	10.	90908.6	-1642.3	2820	10.	92603.4	-1633.0	2910	9.7	94601.2	-1652.7

-16 2911 9h46m

-16 3270 11h24m

2911	9.1	94606.8	-1612.3	3001	9.1	100811.5	-1645.7	3091	10.	102844.0	-1648.4	3181	8.5	105735.8	-1605.6
2912	9.8	94621.1	-1606.8	3002	9.4	100816.0	-1603.9	3092	9.3	102844.9	-1656.7	3182	9.8	105738.4	-1655.7
2913	9.1	94636.3	-1627.4	3003	10.	100820.3	-1656.4	3093	9.8	102900.7	-1617.0	3183	9.5	105741.7	-1655.7
2914	10.	94647.9	-1602.8	3004	8.2	100915.8	-1641.6	3094	9.8	102907.7	-1613.7	3184	10.	105759.5	-1650.1
2915	9.1	94649.4	-1648.6	3005	9.5	100917.2	-1627.5	3095	10.	102937.5	-1645.5	3185	9.8	105810.4	-1622.6
2916	10.	94700.8	-1640.8	3006	9.3	100923.1	-1618.6	3096	9.5	103035.4	-1626.8	3186	9.8	105813.7	-1646.1
2917	9.0	94738.4	-1640.6	3007	9.9	100925.1	-1626.5	3097	8.0	103052.6	-1659.0	3187	9.6	105813.7	-1610.0
2918	9.1	94744.2	-1656.2	3008	8.2	100926.0	-1603.1	3098	9.8	103108.7	-1601.1	3188	9.4	105814.0	-1642.3
2919	9.0	94801.8	-1604.4	3009	9.8	100940.7	-1602.8	3099	9.0	103130.4	-1636.7	3189	9.8	105854.8	-1603.9
2920	9.9	94828.6	-1608.9	3010	9.5	100949.9	-1641.0	3100	5.2	103130.5	-1607.4	3190	9.6	105916.4	-1645.2
2921	7.2	94841.5	-1646.7	3011	9.5	101004.3	-1624.0	3101	8.8	103149.8	-1628.8	3191	9.5	105942.4	-1630.0
2922	10.	94929.5	-1623.6	3012	9.8	101026.2	-1631.4	3102	9.1	103201.5	-1649.6	3192	10.	110027.8	-1615.8
2923	8.6	94949.0	-1646.4	3013	8.0	101038.6	-1648.9	3103	8.4	103204.9	-1649.2	3193	9.5	110126.6	-1652.5
2924	8.6	95010.1	-1655.8	3014	10.	101114.2	-1628.1	3104	9.1	103253.4	-1644.3	3194	9.5	110132.3	-1645.0
2925	10.	95012.0	-1620.6	3015	9.0	101140.3	-1649.0	3105	9.4	103305.9	-1644.5	3195	9.4	110154.8	-1644.4
2926	8.5	95017.3	-1603.5	3016	9.6	101213.7	-1655.2	3106	9.4	103323.3	-1648.6	3196	9.7	110251.8	-1639.2
2927	9.3	95029.8	-1653.3	3017	9.2	101220.8	-1641.7	3107	9.4	103427.8	-1646.0	3197	10.	110256.3	-1643.7
2928	9.2	95032.6	-1645.3	3018	8.6	101222.8	-1644.6	3108	8.6	103507.8	-1633.7	3198	8.7	110256.8	-1647.0
2929	9.4	95051.7	-1619.9	3019	9.5	101242.7	-1653.3	3109	9.0	103509.7	-1629.5	3199	8.9	110342.6	-1654.4
2930	9.7	95052.2	-1604.0	3020	10.	101250.3	-1645.7	3110	9.8	103517.2	-1654.8	3200	7.7	110356.2	-1620.7
2931	9.1	95123.7	-1617.4	3021	9.5	101256.8	-1650.6	3111	7.9	103534.8	-1658.0	3201	8.7	110504.7	-1640.5
2932	9.5	95136.7	-1612.1	3022	9.5	101302.8	-1659.8	3112	8.5	103535.6	-1648.4	3202	9.8	110513.7	-1645.9
2933	9.8	95141.5	-1637.4	3023	9.8	101310.7	-1649.7	3113	9.6	103605.1	-1603.0	3203	9.5	110521.2	-1610.6
2934	10.	95210.0	-1648.4	3024	9.8	101314.7	-1641.6	3114	9.3	103614.3	-1623.3	3204	9.3	110529.6	-1657.2
2935	9.9	95222.8	-1602.3	3025	9.1	101328.2	-1633.0	3115	9.4	103625.4	-1626.0	3205	10.	110554.4	-1643.4
2936	9.5	95231.5	-1645.7	3026	9.0	101343.6	-1632.5	3116	9.8	103706.6	-1647.7	3206	8.0	110555.1	-1628.2
2937	9.5	95248.7	-1605.5	3027	10.	101408.6	-1608.2	3117	9.2	103714.7	-1646.1	3207	8.8	110605.5	-1636.9
2938	8.8	95314.8	-1657.0	3028	8.5	101411.4	-1651.7	3118	9.3	103749.2	-1629.0	3208	9.0	110628.2	-1645.2
2939	9.4	95319.9	-1656.0	3029	9.5	101417.6	-1616.5	3119	9.3	103807.8	-1607.3	3209	10.	110644.6	-1633.6
2940	9.5	95412.9	-1649.4	3030	8.8	101419.6	-1619.2	3120	9.9	103809.5	-1614.8	3210	7.5	110657.3	-1605.8
2941	9.2	95416.4	-1651.6	3031	9.1	101422.1	-1632.3	3121	8.8	103811.6	-1639.9	3211	8.8	110702.5	-1637.8
2942	8.8	95432.8	-1640.3	3032	9.9	101439.5	-1620.0	3122	8.5	103845.6	-1620.3	3212	9.5	110715.6	-1617.5
2943	8.0	95441.9	-1638.0	3033	9.8	101506.1	-1621.5	3123	10.	103945.0	-1640.2	3213	9.8	110728.1	-1640.1
2944	9.3	95451.6	-1618.1	3034	10.	101516.2	-1636.0	3124	6.2	103945.8	-1631.3	3214	8.7	110728.6	-1623.3
2945	9.6	95510.2	-1601.2	3035	9.1	101523.2	-1646.1	3125	9.2	103948.0	-1628.4	3215	8.6	110805.5	-1642.1
2946	9.8	95611.3	-1650.3	3036	9.1	101528.1	-1651.7	3126	9.8	103954.7	-1610.5	3216	9.9	110852.8	-1640.9
2947	8.9	95612.3	-1627.0	3037	9.4	101555.6	-1606.0	3127	8.5	104004.6	-1639.2	3217	9.8	110901.7	-1644.5
2948	9.5	95624.3	-1603.0	3038	9.0	101600.1	-1606.9	3128	9.7	104025.0	-1644.5	3218	9.8	110937.4	-1635.0
2949	8.0	95624.3	-1628.8	3039	9.5	101636.2	-1636.7	3129	9.2	104055.5	-1635.5	3219	9.8	110953.2	-1603.5
2950	9.4	95626.4	-1642.5	3040	9.0	101638.6	-1636.9	3130	9.2	104121.8	-1630.0	3220	9.2	110954.6	-1634.0
2951	9.5	95637.2	-1636.8	3041	9.3	101641.5	-1652.2	3131	9.8	104122.0	-1604.8	3221	10.	111000.1	-1636.8
2952	9.8	95638.2	-1624.3	3042	9.4	101650.9	-1602.8	3132	10.	104146.0	-1624.9	3222	9.0	111050.9	-1630.6
2953	9.1	95645.3	-1646.5	3043	9.1	101654.1	-1643.6	3133	9.1	104234.7	-1602.7	3223	8.2	111054.9	-1646.7
2954	9.3	95701.7	-1634.7	3044	9.8	101708.9	-1619.9	3134	9.2	104302.5	-1633.7	3224	9.5	111119.6	-1608.9
2955	9.6	95750.9	-1630.7	3045	8.5	101712.0	-1642.2	3135	9.1	104332.0	-1619.4	3225	9.3	111119.7	-1651.4
2956	10.	95805.5	-1628.9	3046	9.5	101757.1	-1644.2	3136	8.6	104401.9	-1643.1	3226	9.3	111140.5	-1621.1
2957	8.2	95814.5	-1615.0	3047	9.6	101810.0	-1621.5	3137	10.	104428.9	-1646.6	3227	10.	111145.4	-1638.4
2958	9.8	95823.2	-1650.5	3048	9.7	101817.2	-1637.1	3138	9.3	104429.3	-1601.1	3228	9.8	111219.9	-1630.1
2959	9.2	95828.1	-1655.6	3049	9.8	101822.5	-1600.8	3139	8.8	104432.9	-1655.6	3229	9.1	111220.9	-1642.5
2960	9.8	95842.7	-1623.1	3050	8.8	101835.0	-1609.9	3140	7.8	104532.3	-1615.4	3230	9.5	111252.6	-1628.0
2961	9.8	95843.9	-1613.9	3051	10.	101835.5	-1655.4	3141	10.	104533.4	-1634.5	3231	9.6	111309.8	-16 8.0
2962	9.9	95905.7	-1627.0	3052	4.0	101903.9	-1605.6	3142	7.5	104550.3	-1630.6	3232	9.1	111312.1	-16 0.9
2963	9.5	95923.2	-1632.1	3053	10.	101909.0	-1633.3	3143	8.3	104555.9	-1609.7	3233	10.	111403.8	-16 5.2
2964	9.5	95935.4	-1618.1	3054	9.8	101911.4	-1611.4	3144	8.7	104631.7	-1602.6	3234	9.5	111423.8	-16 3.0
2965	9.3	95936.7	-1619.3	3055	9.6	101921.0	-1643.7	3145	9.3	104711.0	-1600.5	3235	10.	111502.5	-1608.4
2966	10.	95947.0	-1601.3	3056	8.8	101929.2	-1657.5	3146	8.7	104750.0	-1641.7	3236	9.3	111508.2	-1637.1
2967	8.6	95947.8	-1605.6	3057	8.8	101954.0	-1652.3	3147	9.8	104750.1	-1635.0	3237	9.0	111528.0	-1631.3
2968	9.8	95956.6	-1612.7	3058	9.1	102002.4	-1629.5	3148	9.6	104755.8	-1623.1	3238	8.0	111615.7	-1649.2
2969	7.0	95957.8	-1644.0	3059	8.8	102004.3	-1610.1	3149	8.9	104801.7	-1601.8	3239	10.	111643.2	-1616.0
2970	9.2	100001.4	-1619.2	3060	8.0	102018.5	-1641.0	3150	9.3	104850.2	-1628.7	3240	10.	111647.1	-1616.5
2971	10.	100007.7	-1653.5	3061	9.0	102028.6	-1610.1	3151	9.3	104905.4	-1657.7	3241	9.2	111650.4	-1604.6
2972	9.9	100009.3	-1620.5	3062	9.5	102041.4	-1651.0	3152	8.2	104936.6	-1640.2	3242	9.8	111656.5	-1655.9
2973	8.0	100009.7	-1646.6	3063	9.0	102043.5	-1633.5	3153	9.3	104945.0	-1614.2	3243	9.1	111725.7	-1616.3
2974	5.3	100012.6	-1625.6	3064	9.0	102109.7	-1620.7	3154	9.6	104947.8	-1614.0	3244	4.2	111738.6	-1653.0
2975	9.0	100013.4	-1641.2	3065	9.0	102117.4	-1623.5	3155	9.2	105009.1	-1610.5	3245	9.8	111745.7	-1624.2
2976	10.	100015.1	-1617.5	3066	10.	102222.9	-1621.2	3156	9.7	105041.0	-1600.2	3246	9.5	111803.2	-1654.7
2977	9.4	100023.2	-1659.7	3067	9.3	102224.4	-1638.7	3157	9.2	105047.7	-1611.9	3247	8.9	111822.5	-1637.3
2978	9.0	100039.2	-1646.5	3068	9.4	102243.9	-1656.9	3158	9.2	105110.2	-1644.0	3248	9.7	111832.9	-1608.4
2979	9.8	100045.1	-1628.7	3069	9.5	102311.7	-1603.2	3159	9.2	105119.1	-1648.4	3249	10.	111859.6	-1631.4
2980	9.9	100045.8	-1630.8	3070	9.6	102311.8	-1654.2	3160	9.7	105136.6	-1653.9	3250	9.6	111902.1	-1645.8
2981	9.8	100232.1	-1624.5	3071	9.1	102317.3	-1655.8	3161	9.7	105204.5	-1626.1	3251	9.5	111923.1	-1650.1
2982	9.5	100311.6	-1651.1	3072	8.7	102402.3	-1650.6	3162	8.6	105207.2	-1620.0	3252	9.4	111924.0	-1658.6
2983	9.2	100315.9	-1610.9	3073	9.4	102407.9	-1615.1	3163	7.8	105207.4	-1650.9	3253	10.	111929.8	-1610.9
2984	10.	100323.5	-1640.0	3074	9.4	102417.2	-1606.0	3164	8.7	105245.7	-1632.1	3254	9.3	111955.6	-1641.5
2985	9.8	100325.5	-1632.5	3075	7.8	102431.2	-1620.0	3165	9.4	105315.3	-1655.6	3255	9.6	112003.0	-1657.3
2986	9.0	100333.3	-1603.8	3076	9.6	102456.2	-1617.3	3166	9.3	105332.9	-1618.2	3256	9.8	112051.2	-1613.0
2987	7.5	100358.9	-1612.7	3077	9.3	102519.8	-1612.7	3167	9.3	105344.2	-1634.8	3257	9.2	112051.3	-1656.3
2988	9.5	100420.4	-1618.3	3078	7.6	102537.7	-1612.7	3168	9.4	105357.1	-1623.8	3258	8.8	112157.0	-1633.0
2989	7.7	100420.7	-1655.8	3079	9.8	102541.3	-1646.0	3169	10.	105407.1	-1633.2	3259	8.8	112158.0	-1633.6
2990	9.9	100424.4	-1605.0	3080	9.3	102557.9	-1631.5	3170	9.8	105413.1	-1638.5	3260	9.8	112158.5	-1638.5
2991	9.5	100433.1	-1621.3	3081	9.9	102611.8	-1612.5	3171	8.7	105417.5	-1607.7	3261	9.8	112219.5	-1643.2
2992	9.5	100503.2	-1613.7	3082	9.6	102624.1	-1655.0	3172	7.8	105419.0	-1609.8	3262	7.7	112241.0	-1658.1
2993	9.0	100524.9	-1625.1	3083	10.	102642.4	-1602.1	3173	9.4	105424.1	-1618.7	3263	10.	112246.7	-1642.1
2994	9.2	100529.9	-1617.9	3084	9.7	102713.1	-1656.3	3174	8.0	105428.1	-1634.0	3264	10.	112300.0	-1629.0
2995	9.3	100541.5	-1620.6	3085	9.2	102726.1	-1634.4	3175	9.0	105518.6	-1642.8	3265	8.8	112306.3	-1658.3
2996	9.3	100614.4	-1626.4	3086	9.2	102739.0	-1609.9	3176	9.8	105545.0	-1641.7	3266	9.2	112322.4	-1624.1
2997	9.8	100630.4	-1626.0	3087	9.8	102812.3	-1602.0	3177	9.8	105605.6	-1610.4	3267	9.8	112322.5	-1618.8
2998	9.8	100710.5	-1607.6	3088	8.0	102816.2	-1626.8	3178	9.3	105606.9	-1600.6	3268	9.5	112332.4	-1624.0
2999	9.1	100711.3	-1627.2	3089	9.3	102824.0	-1641.5	3179	9.0	105608.6	-1639.3	3269	9.3	112406.0	-1659.0
3000	9.8	100728.0	-1607.3	3090	8.2	102841.4	-1637.5	3180	9.8	105732.5	-1633.1	3270	9.0	112426.9	-1645.7

-16 3271 11h24m

-16 3630 13h08m

3271	9.8	112432.4	-1649.8	3361	9.3	115005.7	-1612.5	3451	9.8	121523.7	-1638.6
3272	9.4	112433.1	-1636.6	3362	9.2	115009.4	-1629.2	3452	9.6	121549.8	-1629.9
3273	10.	112445.3	-1616.2	3363	9.3	115032.8	-1637.3	3453	10.	121611.3	-1615.5
3274	9.4	112453.4	-1651.1	3364	9.1	115034.3	-1652.0	3454	9.6	121614.4	-1651.7
3275	9.1	112524.3	-1640.6	3365	9.3	115056.5	-1651.4	3455	9.7	121640.1	-1607.0
3276	9.5	112532.3	-1611.7	3366	9.1	115107.1	-1609.1	3456	9.3	121744.0	-1656.0
3277	10.	112550.8	-1646.5	3367	8.5	115121.3	-1657.0	3457	10.	121755.5	-1650.2
3278	10.	112631.0	-1620.5	3368	9.3	115121.6	-1612.0	3458	9.5	121813.6	-1658.6
3279	9.4	112655.9	-1605.5	3369	9.4	115149.1	-1601.1	3459	8.5	121824.3	-1626.2
3280	8.9	112703.8	-1618.4	3370	9.8	115223.2	-1624.4	3460	9.4	121826.0	-1618.7
3281	9.3	112727.9	-1620.1	3371	10.	115238.2	-1657.7	3461	9.3	121838.0	-1641.0
3282	9.2	112746.9	-1638.7	3372	9.5	115256.3	-1641.2	3462	9.7	121844.0	-1655.8
3283	9.8	112748.0	-1613.4	3373	8.8	115401.1	-1642.7	3463	9.5	121845.1	-1653.1
3284	9.7	112751.9	-1616.5	3374	9.6	115432.2	-1629.3	3464	9.8	121910.4	-1610.7
3285	9.5	112755.1	-1629.8	3375	9.4	115447.1	-1636.8	3465	9.3	121925.1	-1619.4
3286	9.9	112823.9	-1642.7	3376	9.6	115452.3	-1611.9	3466	8.3	122018.9	-1640.3
3287	9.8	112824.0	-1613.6	3377	9.8	115452.8	-1613.9	3467	9.0	122035.2	-1636.3
3288	9.4	112835.2	-1650.1	3378	9.3	115519.5	-1615.3	3468	9.6	122036.2	-1611.9
3289	10.	112905.6	-1622.0	3379	8.8	115529.6	-1652.3	3469	9.3	122051.6	-1606.4
3290	7.0	112911.1	-1602.7	3380	8.5	115554.1	-1628.5	3470	9.4	122051.6	-1619.3
3291	9.3	112947.1	-1656.3	3381	9.8	115559.9	-1605.9	3471	8.4	122058.2	-1629.5
3292	10.	113002.4	-1604.6	3382	9.1	115608.3	-1624.8	3472	9.4	122119.7	-1647.4
3293	8.3	113015.9	-1607.5	3383	9.2	115608.6	-1640.1	3473	8.8	122122.7	-1626.2
3294	9.5	113017.8	-1604.5	3384	9.7	115610.5	-1650.5	3474	10.	122146.5	-1655.1
3295	8.9	113047.4	-1612.7	3385	9.4	115635.6	-1646.0	3475	8.7	122213.6	-1621.2
3296	9.7	113048.3	-1602.9	3386	9.8	115658.9	-1606.2	3476	9.3	122309.2	-1654.5
3297	9.1	113125.9	-1639.5	3387	9.8	115712.7	-1626.8	3477	8.8	122310.4	-1609.4
3298	9.1	113146.1	-1630.6	3388	9.7	115742.5	-1659.2	3478	10.	122329.8	-1656.3
3299	8.7	113216.0	-1646.4	3389	9.1	115843.3	-1643.4	3479	10.	122333.2	-1611.4
3300	9.1	113220.7	-1603.7	3390	9.8	115910.7	-1613.4	3480	8.7	122339.4	-1654.9
3301	10.	113225.5	-1641.3	3391	9.2	115935.6	-1626.9	3481	9.3	122416.9	-1621.1
3302	9.8	113253.6	-1650.0	3392	9.6	115955.3	-1623.8	3482	9.5	122420.0	-1631.5
3303	9.8	113300.3	-1659.0	3393	9.0	120030.3	-1607.3	3483	9.0	122424.1	-1638.7
3304	7.0	113350.2	-1654.0	3394	8.8	120033.4	-1641.5	3484	10.	122425.1	-1614.5
3305	9.8	113350.9	-1636.8	3395	9.2	120106.4	-1624.6	3485	9.8	122425.5	-1630.4
3306	10.	113401.7	-1634.9	3396	8.5	120121.1	-1620.6	3486	9.6	122450.5	-1615.9
3307	9.8	113407.8	-1656.5	3397	9.4	120122.2	-1608.6	3487	9.8	122457.3	-1637.7
3308	7.5	113443.3	-1612.7	3398	9.6	120145.3	-1628.3	3488	7.8	122509.6	-1625.0
3309	9.3	113445.4	-1628.7	3399	9.1	120208.8	-1645.9	3489	9.7	122511.4	-1605.5
3310	8.6	113545.9	-1623.1	3400	9.4	120210.5	-1645.9	3490	9.2	122523.5	-1626.4
3311	9.7	113551.2	-1655.1	3401	8.5	120225.6	-1616.3	3491	10.	122548.2	-1657.0
3312	9.5	113559.4	-1634.5	3402	9.2	120236.4	-1648.0	3492	8.3	122603.9	-1659.4
3313	9.0	113624.9	-1643.7	3403	7.0	120238.9	-1643.6	3493	8.8	122613.6	-1655.4
3314	9.6	113625.8	-1637.5	3404	10.	120243.5	-1654.7	3494	9.8	122618.3	-1648.2
3315	8.4	113648.9	-1619.6	3405	8.2	120302.1	-1623.9	3495	9.3	122619.4	-1611.1
3316	9.4	113649.9	-1642.3	3406	9.6	120307.8	-1632.3	3496	8.0	122622.1	-1616.6
3317	9.8	113743.1	-1600.1	3407	8.5	120313.7	-1608.9	3497	10.	122759.9	-1622.1
3318	10.	113751.4	-1654.2	3408	10.	120333.8	-1659.7	3498	7.3	122805.9	-1620.9
3319	9.9	113757.8	-1613.0	3409	9.2	120336.3	-1648.2	3499	7.0	122809.4	-1601.6
3320	9.4	113759.9	-1633.2	3410	9.3	120427.9	-1622.5	3500	9.0	122839.4	-1628.6
3321	10.	113848.3	-1629.9	3411	10.	120433.7	-1655.9	3501	9.4	122847.8	-1636.2
3322	10.	113858.6	-1609.7	3412	9.1	120439.2	-1637.5	3502	9.7	122949.4	-1659.8
3323	10.	113901.3	-1629.1	3413	8.5	120455.3	-1623.9	3503	9.6	123002.3	-1627.7
3324	9.0	113930.8	-1644.5	3414	9.5	120504.8	-1617.0	3504	9.2	123020.2	-1609.9
3325	9.5	114007.2	-1659.7	3415	8.3	120529.5	-1619.7	3505	9.6	123029.0	-1611.9
3326	9.8	114023.3	-1632.5	3416	9.4	120536.7	-1638.6	3506	9.7	123055.7	-1654.3
3327	9.0	114035.7	-1643.3	3417	9.8	120608.4	-1617.3	3507	10.	123059.3	-1613.7
3328	9.8	114115.9	-1613.4	3418	8.5	120635.8	-1657.2	3508	9.8	123101.2	-1650.6
3329	9.7	114128.1	-1659.4	3419	9.3	120642.7	-1625.8	3509	9.4	123119.3	-1650.5
3330	9.0	114134.3	-1620.4	3420	9.8	120649.7	-1614.3	3510	9.8	123147.3	-1611.3
3331	9.1	114142.4	-1603.6	3421	9.7	120656.7	-1644.8	3511	10.	123157.9	-1608.0
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3336	10.	114257.2	-1648.3	3426	9.7	120858.0	-1604.0	3516	10.	123249.5	-1636.6
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3350	8.5	114623.5	-1636.0	3440	9.5	121151.4	-1611.3	3530	10.	123819.5	-1613.3
3351	9.3	114648.8	-1607.5	3441	10.	121250.7	-1617.2	3531	9.8	123827.2	-1619.2
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3355	9.7	114807.1	-1609.8	3445	9.3	121421.4	-1620.5	3535	9.0	124029.6	-1622.2
3356	10.	114807.9	-1651.6	3446	9.8	121422.9	-1633.2	3536	9.2	124053.0	-1657.8
3357	10.	114832.6	-1600.4	3447	9.6	121437.9	-1612.2	3537	9.5	124123.0	-1655.1
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3360	10.	114904.8	-1650.5	3450	9.6	121507.8	-1658.1	3540	8.9	124147.9	-1624.1
3541	8.5	124149.4	-1621.2								
3542	9.6	124232.8	-1641.6								
3543	9.9	124237.9	-1636.2								
3544	9.6	124308.5	-1659.4								
3545	9.8	124317.7	-1604.8								
3546	8.6	124326.4	-1632.5								
3547	9.8	124332.6	-1615.1								
3548	8.4	124343.5	-1607.4								
3549	9.3	124348.9	-1649.7								
3550	9.9	124353.5	-1659.4								
3551	9.8	124403.2	-1622.0								
3552	9.8	124415.0	-1659.8								
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3555	9.4	124511.3	-1646.4								
3556	9.5	124526.6	-1636.8								
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3558	8.8	124558.3	-1602.6								
3559	9.4	124604.3	-1606.2								
3560	9.0	124607.3	-1624.1								
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3563	9.4	124748.0	-1643.5								
3564	9.6	124756.5	-1620.4								
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3567	9.9	124842.2	-1622.7								
3568	9.4	124854.3	-1622.3								
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3572	8.2	124957.4	-1636.3								
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3585	10.	125401.3	-1659.1								
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3589	8.9	125551.8	-1628.8								
3590	9.0	125604.3	-1659.4								
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3593	9.8	125644.2	-1615.2								
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3605	8.2	130122.6	-1654.0								
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3615	9.2	130409.9	-1623.7								
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3618	9.5	130548.3	-1600.4								
3619	9.2	130549.5	-1627.2								
3620	9.0	130621.7	-1639.3								
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3622	10.	130632.2	-1605.9								
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3624	9.0	130653.5	-1659.2								
3625	9.4	130701.7	-1625.0								
3626	9.7	130733.7	-1614.9								
3627	8.3	130737.4	-1642.4								
3628	9.6	130802.9	-1629.4								
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3630	9.8	130828.5	-1643.7								

-16 3631 13h10m

3631	9.2	131003.1	-1625.8	3721	9.4	133340.8	-1600.0	3811	9.2	140100.4	-1619.3	3901	9.3	142824.3	-1633.0
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3641	10.	131316.9	-1622.3	3731	9.5	133500.3	-1621.4	3821	8.9	140257.6	-1657.4	3911	9.5	143124.5	-1657.0
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3644	9.6	131415.5	-1602.5	3734	10.	133625.9	-1624.9	3824	9.6	140409.5	-1636.9	3914	8.6	143156.3	-1648.9
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3651	8.8	131558.7	-1614.9	3741	9.7	133833.2	-1618.8	3831	9.8	140711.0	-1628.3	3921	9.4	143438.6	-1630.4
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3670	9.8	132100.0	-1646.7	3760	7.0	134629.1	-1627.8	3850	9.5	141416.6	-1656.1	3940	9.1	144031.3	-1625.3
3671	9.7	132103.5	-1624.1	3761	9.5	134639.2	-1645.2	3851	9.8	141434.2	-1656.6	3941	9.8	144047.6	-1656.9
3672	10.	132107.3	-1604.8	3762	10.	134639.5	-1640.6	3852	9.9	141452.4	-1610.5	3942	8.7	144054.5	-1624.1
3673	9.8	132211.7	-1655.6	3763	9.0	134759.4	-1605.0	3853	9.3	141456.2	-1636.0	3943	9.1	144100.0	-1619.2
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3676	10.	132305.5	-1631.9	3766	9.7	134915.6	-1635.4	3856	8.7	141501.1	-1649.7	3946	9.7	144230.7	-1637.2
3677	10.	132306.0	-1621.7	3767	8.5	134920.4	-1620.5	3857	9.8	141524.8	-1636.5	3947	9.0	144248.3	-1616.0
3678	10.	132330.5	-1619.4	3768	9.4	134925.8	-1617.6	3858	9.5	141553.5	-1605.8	3948	9.3	144258.0	-1625.0
3679	9.7	132347.8	-1622.3	3769	9.6	134945.2	-1618.0	3859	9.8	141554.7	-1657.3	3949	8.6	144314.0	-1623.2
3680	10.	132357.3	-1649.1	3770	9.3	134948.5	-1634.9	3860	10.	141617.4	-1625.5	3950	9.0	144324.0	-1623.0
3681	9.3	132401.5	-1641.	3771	9.0	134952.4	-1637.3	3861	10.	141630.6	-1634.7	3951	9.4	144342.8	-1641.3
3682	9.0	132414.8	-1648.	3772	9.1	135018.4	-1624.1	3862	10.	141652.3	-1615.9	3952	9.0	144343.3	-1642.8
3683	9.6	132429.2	-1632.	3773	8.7	135036.0	-1654.8	3863	9.5	141658.3	-1626.1	3953	8.3	144356.8	-1654.3
3684	8.6	132430.8	-1613.	3774	9.1	135102.5	-1655.2	3864	9.8	141720.0	-1616.4	3954	9.4	144423.3	-1636.0
3685	9.3	132510.0	-1659.	3775	9.8	135127.3	-1620.3	3865	10.	141729.8	-1617.3	3955	9.0	144446.1	-1612.6
3686	9.7	132520.9	-1619.5	3776	10.	135218.6	-1628.1	3866	9.4	141834.0	-1628.4	3956	9.7	144456.3	-1659.1
3687	9.6	132524.0	-1658.0	3777	9.4	135229.6	-1651.1	3867	8.3	141858.0	-1659.7	3957	9.4	144458.8	-1622.0
3688	9.5	132525.2	-1606.5	3778	9.3	135240.9	-1622.9	3868	9.8	141909.8	-1651.7	3958	8.9	144539.2	-1619.8
3689	10.	132525.9	-1610.2	3779	9.4	135249.6	-1628.6	3869	9.3	141917.3	-1600.1	3959	9.4	144539.7	-1650.6
3690	9.7	132533.7	-1641.1	3780	9.5	135300.7	-1635.5	3870	9.9	141940.5	-1643.2	3960	9.5	144549.3	-1617.9
3691	10.	132544.5	-1635.5	3781	9.5	135341.4	-1616.4	3871	9.6	141947.4	-1654.9	3961	9.1	144555.5	-1649.4
3692	9.7	132549.9	-1638.8	3782	10.	135356.3	-1638.1	3872	8.5	142012.9	-1638.3	3962	9.4	144617.4	-1616.8
3693	9.7	132552.7	-1637.1	3783	9.8	135415.4	-1632.9	3873	8.2	142042.5	-1618.7	3963	10.	144620.0	-1634.8
3694	9.3	132618.8	-1620.7	3784	9.0	135443.5	-1639.2	3874	8.9	142044.6	-1655.6	3964	9.1	144711.3	-1651.0
3695	10.	132619.3	-1638.2	3785	7.0	135510.4	-1639.7	3875	8.2	142045.7	-1624.9	3965	9.2	144727.9	-1613.1
3696	8.6	132623.6	-1619.7	3786	8.9	135513.9	-1654.2	3876	9.0	142048.1	-1652.0	3966	9.1	144741.4	-1654.8
3697	8.6	132637.5	-1636.0	3787	9.1	135518.5	-1652.2	3877	9.4	142103.5	-1623.1	3967	9.2	144743.1	-1608.1
3698	10.	132706.7	-1616.7	3788	9.4	135525.5	-1627.8	3878	8.5	142118.6	-1628.0	3968	9.3	144808.1	-1630.8
3699	9.5	132712.0	-1633.7	3789	9.3	135531.2	-1630.0	3879	9.8	142140.6	-1628.0	3969	9.2	144809.3	-1653.3
3700	9.5	132712.1	-1635.7	3790	9.5	135542.6	-1635.7	3880	9.2	142147.0	-1653.5	3970	7.0	144814.5	-1612.5
3701	9.7	132716.2	-1628.3	3791	9.1	135638.5	-1625.1	3881	9.6	142225.0	-1611.9	3971	9.2	144905.2	-1615.9
3702	9.0	132729.5	-1606.2	3792	9.3	135641.2	-1619.0	3882	9.2	142255.2	-1609.9	3972	6.8	145000.1	-1646.4
3703	9.3	132740.9	-1617.7	3793	10.	135707.6	-1652.3	3883	9.8	142300.1	-1626.4	3973	8.6	145013.9	-1639.2
3704	8.0	132743.2	-1610.7	3794	10.	135741.8	-1653.1	3884	9.1	142315.3	-1616.9	3974	9.6	145016.0	-1657.4
3705	9.3	132844.3	-1640.5	3795	9.3	135743.9	-1611.4	3885	9.0	142331.7	-1621.9	3975	9.8	145051.2	-1630.9
3706	9.8	132846.6	-1625.8	3796	9.8	135801.3	-1635.9	3886	9.0	142333.3	-1609.2	3976	9.1	145122.1	-1615.1
3707	8.9	132914.2	-1619.0	3797	9.8	135803.0	-1606.5	3887	9.7	142357.2	-1609.8	3977	9.8	145136.0	-1625.3
3708	9.0	132922.5	-1634.3	3798	8.5	135814.9	-1649.5	3888	9.7	142454.8	-1646.3	3978	10.	145153.0	-1653.1
3709	9.5	132923.9	-1655.2	3799	9.0	135820.4	-1659.5	3889	9.6	142456.9	-1611.5	3979	9.3	145153.4	-1628.6
3710	10.	133008.1	-1601.8	3800	9.8	135825.5	-1626.1	3890	9.5	142506.4	-1657.5	3980	9.3	145154.6	-1617.1
3711	9.8	133015.4	-1612.5	3801	9.8	135832.5	-1625.2	3891	9.3	142541.1	-1639.3	3981	9.2	145205.8	-1611.6
3712	9.7	133044.6	-1642.9	3802	8.2	135837.5	-1645.5	3892	7.2	142602.5	-1610.8	3982	9.2	145210.6	-1626.9
3713	9.2	133047.5	-1656.2	3803	9.8	135851.1	-1655.2	3893	9.7	142603.1	-1653.0	3983	10.	145233.1	-1655.7
3714	9.6	133115.4	-1620.5	3804	9.4	135854.1	-1620.9	3894	8.8	142609.7	-1655.5	3984	9.2	145246.5	-1632.0
3715	9.3	133127.1	-1643.6	3805	9.4	135908.8	-1601.4	3895	9.8	142704.2	-1609.0	3985	9.2	145254.9	-1650.6
3716	9.8	133146.3	-1638.7	3806	10.	135911.7	-1635.5	3896	9.3	142704.2	-1634.5	3986	8.6	145317.6	-1618.6
3717	8.5	133224.1	-1644.5	3807	9.2	135914.8	-1619.3	3897	9.5	142731.5	-1627.2	3987	8.9	145322.0	-1627.3
3718	8.0	133243.8	-1636.2	3808	9.8	135924.3	-1614.8	3898	9.8	142742.1	-1622.7	3988	9.6	145402.4	-1658.6
3719	9.5	133303.4	-1602.6	3809	10.	140021.8	-1658.5	3899	9.4	142743.0	-1637.9	3989	9.1	145438.4	-1631.0
3720	9.4	133306.7	-1659.6	3810	9.7	140051.5	-1651.9	3900	9.5	142818.8	-1656.9	3990	10.	145444.2	-1647.9

-16 3990 14h54m

3991	9.2	145505.7	-1651.1	4081	9.5	151745.8	-1653.0	4171	9.4	154436.6	-1615.3	4261	9.8	160943.3	-1604.0
3992	7.8	145527.9	-1601.4	4082	9.3	151802.4	-1639.0	4172	9.4	154453.5	-1608.2	4262	9.3	160944.9	-1635.6
3993	9.3	145605.1	-1606.0	4083	9.5	151818.6	-1623.7	4173	9.3	154512.8	-1620.3	4263	9.5	160957.4	-1638.5
3994	9.7	145608.0	-1659.3	4084	9.4	151819.2	-1633.3	4174	4.8	154534.4	-1617.9	4264	9.5	161013.2	-1655.5
3995	9.7	145627.5	-1659.5	4085	9.4	151823.4	-1631.0	4175	9.7	154538.4	-1651.2	4265	8.5	161026.5	-1604.7
3996	9.1	145629.5	-1610.8	4086	9.1	151824.9	-1634.6	4176	9.3	154642.3	-1631.6	4266	9.3	161047.9	-1637.0
3997	9.5	145629.9	-1620.9	4087	9.0	151934.3	-1638.9	4177	9.0	154712.7	-1649.5	4267	9.1	161050.9	-1639.7
3998	9.8	145650.8	-1607.8	4088	9.4	152000.3	-1634.4	4178	9.0	154806.0	-1619.9	4268	9.0	161117.4	-1633.4
3999	9.5	145714.9	-1625.0	4089	6.0	152005.2	-1612.4	4179	8.8	154822.7	-1614.6	4269	8.5	161124.0	-1607.4
4000	9.3	145718.7	-1610.1	4090	9.2	152007.7	-1625.2	4180	8.8	154825.4	-1624.1	4270	9.9	161144.3	-1653.8
4001	9.8	145734.3	-1606.3	4091	9.5	152058.3	-1653.0	4181	9.5	154852.4	-1607.9	4271	10.	161146.0	-1618.6
4002	9.0	145759.9	-1621.4	4092	9.4	152114.9	-1659.8	4182	9.4	154926.3	-1626.4	4272	9.5	161206.8	-1654.7
4003	9.3	145802.7	-1609.0	4093	7.0	152123.3	-1656.2	4183	8.5	154927.1	-1623.5	4273	8.2	161215.8	-1644.2
4004	9.0	145820.4	-1630.1	4094	9.1	152127.4	-1623.1	4184	9.3	154929.2	-1633.6	4274	9.3	161225.0	-1635.2
4005	9.4	145838.6	-1644.1	4095	8.6	152132.8	-1620.2	4185	7.8	154942.8	-1639.5	4275	9.6	161353.8	-1636.1
4006	9.4	145850.3	-1645.8	4096	9.9	152154.8	-1657.3	4186	9.7	154951.2	-1622.4	4276	9.6	161413.8	-1630.9
4007	9.1	145920.3	-1648.0	4097	8.5	152200.2	-1645.3	4187	9.7	154956.5	-1610.8	4277	9.8	161423.6	-1606.8
4008	9.4	145930.8	-1615.6	4098	9.6	152204.3	-1615.2	4188	9.4	155002.8	-1631.1	4278	9.5	161426.4	-1628.6
4009	9.1	145937.7	-1649.8	4099	6.5	152230.0	-1606.4	4189	9.0	155003.7	-1658.8	4279	8.5	161431.5	-1648.2
4010	9.8	145938.6	-1641.5	4100	9.8	152233.3	-1652.2	4190	9.8	155024.8	-1648.1	4280	6.8	161433.8	-1640.0
4011	9.3	145954.8	-1612.4	4101	9.5	152305.2	-1647.5	4191	9.5	155036.9	-1626.0	4281	9.5	161448.3	-1628.3
4012	8.3	150007.4	-1631.7	4102	9.3	152317.2	-1653.3	4192	9.8	155058.4	-1620.9	4282	9.5	161506.3	-1634.7
4013	9.5	150009.4	-1625.0	4103	9.1	152327.2	-1648.4	4193	8.5	155101.8	-1651.7	4283	9.1	161530.4	-1624.0
4014	9.8	150048.9	-1623.9	4104	8.3	152328.1	-1631.6	4194	9.6	155112.4	-1645.4	4284	9.3	161549.2	-1622.2
4015	9.9	150050.1	-1600.5	4105	9.2	152357.6	-1601.9	4195	9.8	155209.0	-1645.4	4285	9.3	161650.3	-1610.9
4016	10.	150101.7	-1609.0	4106	9.7	152407.5	-1622.1	4196	6.2	155210.9	-1606.0	4286	9.1	161901.5	-1602.4
4017	8.8	150128.6	-1650.5	4107	9.7	152412.2	-1621.8	4197	8.8	155215.6	-1614.3	4287	9.7	161958.4	-1622.7
4018	9.3	150205.8	-1632.6	4108	9.4	152439.8	-1640.9	4198	9.3	155227.2	-1630.6	4288	8.8	162035.6	-1650.8
4019	9.5	150243.7	-1646.1	4109	9.9	152444.1	-1656.1	4199	9.5	155229.5	-1654.5	4289	9.3	162041.5	-1604.2
4020	7.8	150303.6	-1624.6	4110	6.3	152444.6	-1621.2	4200	9.4	155306.4	-1601.3	4290	9.5	162104.7	-1637.5
4021	10.	150320.4	-1607.2	4111	8.3	152448.7	-1644.7	4201	9.4	155332.7	-1627.2	4291	9.4	162136.7	-1617.0
4022	9.3	150328.5	-1615.4	4112	8.2	152545.8	-1629.8	4202	9.4	155420.6	-1620.7	4292	9.4	162137.1	-1631.7
4023	10.	150332.6	-1610.4	4113	8.3	152546.5	-1658.2	4203	9.1	155505.6	-1646.2	4293	9.1	162153.2	-1640.4
4024	9.6	150340.0	-1607.3	4114	7.5	152647.6	-1639.0	4204	9.5	155527.7	-1641.7	4294	9.3	162203.1	-1615.1
4025	7.7	150344.9	-1603.5	4115	9.6	152653.7	-1627.6	4205	9.5	155554.7	-1641.9	4295	9.2	162209.3	-1618.5
4026	9.5	150347.3	-1622.2	4116	8.8	152715.1	-1655.0	4206	9.5	155555.5	-1610.4	4296	9.9	162229.4	-1623.2
4027	9.4	150406.4	-1605.8	4117	9.5	152744.8	-1610.7	4207	10.	155622.8	-1619.6	4297	10.	162246.2	-1616.4
4028	9.3	150427.3	-1621.3	4118	9.8	152800.2	-1627.0	4208	10.	155626.1	-1622.3	4298	5.0	162250.7	-1617.1
4029	9.2	150440.7	-1635.4	4119	9.5	152814.9	-1625.6	4209	8.8	155628.3	-1629.2	4299	9.2	162255.7	-1650.5
4030	9.8	150455.5	-1610.0	4120	8.0	152825.1	-1631.7	4210	9.5	155629.1	-1640.0	4300	9.7	162259.8	-1634.7
4031	10.	150505.7	-1602.4	4121	9.1	152850.2	-1629.8	4211	9.2	155632.0	-1640.3	4301	9.4	162309.5	-1655.6
4032	9.5	150507.6	-1648.2	4122	9.0	152900.2	-1645.7	4212	9.6	155644.7	-1636.9	4302	9.5	162330.2	-1653.2
4033	10.	150516.0	-1633.3	4123	8.3	152928.4	-1615.1	4213	9.3	155650.3	-1613.9	4303	9.3	162354.6	-1646.2
4034	8.7	150554.7	-1647.5	4124	9.4	152958.6	-1604.1	4214	9.3	155737.2	-1623.2	4304	9.5	162448.7	-1638.2
4035	8.5	150600.7	-1658.2	4125	9.2	153018.7	-1603.6	4215	9.1	155753.3	-1612.0	4305	9.8	162501.1	-1642.5
4036	9.1	150604.9	-1620.6	4126	9.6	153025.0	-1601.1	4216	9.4	155758.2	-1654.7	4306	9.6	162547.2	-1619.3
4037	9.2	150647.2	-1612.4	4127	9.4	153025.6	-1619.5	4217	9.6	155823.7	-1636.9	4307	30.0	162555.0	-1651.1
4038	9.6	150717.6	-1632.5	4128	10.	153044.2	-1616.3	4218	9.2	155827.3	-1609.1	4308	9.0	162617.2	-1636.7
4039	9.0	150726.2	-1623.8	4129	9.0	153048.6	-1635.5	4219	7.3	155848.6	-1633.1	4309	9.5	162644.2	-1625.6
4040	9.3	150729.6	-1645.2	4130	9.9	153105.1	-1640.7	4220	9.0	155927.3	-1606.8	4310	9.4	162649.1	-1640.3
4041	10.	150747.6	-1601.5	4131	9.2	153106.3	-1606.9	4221	9.5	155932.7	-1624.5	4311	9.5	162651.5	-1650.4
4042	9.5	150800.6	-1639.0	4132	9.8	153111.1	-1624.1	4222	8.3	155959.5	-1645.0	4312	9.9	162651.6	-1611.9
4043	9.5	150824.0	-1649.3	4133	10.	153120.1	-1640.8	4223	9.2	160001.8	-1654.1	4313	9.4	162751.2	-1643.0
4044	9.5	150837.1	-1636.6	4134	9.3	153147.0	-1654.5	4224	9.6	160011.7	-1621.5	4314	9.3	162755.3	-1653.5
4045	9.5	150918.0	-1642.2	4135	8.2	153229.3	-1616.5	4225	9.5	160022.8	-1658.8	4315	8.3	162840.0	-1651.5
4046	9.5	150919.9	-1659.9	4136	9.5	153230.1	-1631.0	4226	9.7	160034.2	-1618.3	4316	9.0	162916.7	-1604.6
4047	9.5	150922.1	-1619.5	4137	9.2	153235.5	-1637.0	4227	9.5	160052.6	-1624.8	4317	8.0	162917.1	-1633.1
4048	9.5	150922.9	-1639.3	4138	9.2	153239.7	-1649.7	4228	8.8	160106.4	-1657.6	4318	9.6	162927.0	-1603.0
4049	8.8	150930.6	-1639.7	4139	9.3	153246.7	-1609.4	4229	9.1	160108.0	-1652.3	4319	9.5	162939.5	-1648.5
4050	10.	150942.8	-1640.4	4140	9.3	153307.0	-1613.9	4230	7.8	160113.5	-1647.9	4320	9.5	162952.2	-1605.3
4051	9.7	150957.1	-1626.6	4141	10.	153320.4	-1647.2	4231	9.8	160115.6	-1630.2	4321	10.	163045.1	-1629.7
4052	10.	150958.6	-1621.7	4142	9.3	153343.6	-1610.2	4232	9.6	160123.7	-1617.5	4322	9.8	163046.9	-1633.7
4053	9.7	151012.5	-1651.4	4143	9.3	153344.3	-1627.1	4233	9.8	160133.8	-1623.3	4323	9.7	163051.7	-1602.6
4054	9.9	151021.1	-1637.8	4144	9.0	153357.4	-1654.4	4234	9.0	160134.5	-1640.0	4324	9.5	163107.6	-1613.7
4055	9.4	151026.8	-1603.9	4145	9.5	153401.9	-1658.5	4235	9.5	160148.4	-1658.7	4325	7.7	163129.2	-1619.4
4056	9.5	151122.2	-1624.1	4146	9.8	153409.1	-1612.9	4236	9.5	160221.6	-1636.1	4326	8.9	163233.6	-1604.9
4057	9.6	151132.9	-1643.3	4147	9.5	153425.0	-1631.1	4237	9.5	160303.9	-1648.1	4327	8.0	163313.5	-1638.7
4058	9.8	151143.0	-1643.6	4148	9.6	153450.6	-1658.3	4238	9.3	160315.9	-1654.4	4328	8.5	163331.6	-1604.5
4059	9.2	151146.7	-1608.2	4149	9.3	153520.3	-1612.7	4239	9.8	160329.7	-1611.1	4329	9.7	163333.4	-1632.5
4060	9.5	151202.2	-1606.0	4150	9.3	153539.0	-1629.2	4240	10.	160337.0	-1643.7	4330	9.6	163339.0	-1654.5
4061	9.1	151227.9	-1651.1	4151	7.0	153544.1	-1624.3	4241	10.	160337.9	-1645.7	4331	9.6	163351.7	-1612.2
4062	10.	151243.4	-1659.2	4152	10.	153556.4	-1601.9	4242	9.0	160344.6	-1625.6	4332	8.5	163358.5	-1644.8
4063	9.8	151259.0	-1622.3	4153	9.5	153605.0	-1652.9	4243	9.2	160356.7	-1618.1	4333	9.2	163359.1	-1621.0
4064	10.	151300.7	-1635.9	4154	8.7	153646.5	-1615.5	4244	9.1	160406.4	-1658.5	4334	9.2	163432.9	-1616.1
4065	10.	151321.5	-1615.9	4155	7.3	153737.4	-1629.4	4245	9.6	160419.5	-1645.0	4335	9.9	163448.4	-1625.2
4066	10.	151330.1	-1618.8	4156	9.6	153742.9	-1614.7	4246	9.5	160424.6	-1622.8	4336	9.5	163448.7	-1612.8
4067	9.0	151432.0	-1622.5	4157	7.5	153837.9	-1639.4	4247	9.5	160425.3	-1602.0	4337	10.	163452.0	-1633.2
4068	9.4	151512.4	-1642.3	4158	9.1	153840.7	-1608.1	4248	9.6	160425.5	-1626.6	4338	9.5	163543.0	-1639.0
4069	9.4	151521.2	-1601.5	4159	9.8	153907.4	-1641.4	4249	9.2	160532.0	-1638.3	4339	9.5	163549.4	-1649.1
4070	7.5	151522.6	-1602.6	4160	8.5	153958.1	-1608.9	4250	9.2	160544.4	-1638.9	4340	10.	163556.0	-1612.2
4071	9.5	151527.3	-1612.3	4161	9.6	154035.0	-1613.3	4251	8.3	160548.1	-1601.4	4341	9.5	163658.6	-1624.1
4072	9.0	151544.9	-1609.5	4162	9.8	154107.7	-1657.1	4252	8.5	160600.8	-1609.9	4342	9.5	163706.6	-1621.8
4073	9.5	151607.6	-1658.6	4163	9.5	154130.1	-1627.0	4253	9.5	160623.1	-1621.9	4343	8.7	163710.6	-1610.7
4074	9.0	151607.9	-1647.7	4164	8.2	154212.2	-1654.1	4254	9.5	160723.7	-1626.3	4344	8.4	163744.5	-1637.9
4075	9.8	151616.6	-1625.7	4165	9.5	154223.0	-1648.4	4255	9.9	160749.0	-1633.8	4345	9.5	163803.4	-1658.7
4076	8.0	151618.9	-1628.5	4166	8.9	154249.8	-1633.6	4256	9.5	160757.8	-1655.5	4346	9.1	163812.1	-1619.2
4077	10.	151622.4	-1627.3	4167	9.8	154324.8	-1633.0	4257	9.1	160821.1	-1641.9	4347	9.0	163816.2	-1637.4
4078	9.4	151709.8	-1634.5	4168	9.4	154405.1	-1658.6	4258	8.9	160825.1	-1609.3	4348	9.5	163918.5	-1641.6
4079	8.7	151715.9	-1634.7	4169	8.5	154407.0	-1647.6	4259	9.8	160939.1	-1621.1	4349	9.8	163931.4	-1648.0
4080	9.5	151743.6	-1614.9	4170	9.3	154424.5	-1600.8	4260	9.3	160942.5	-1611.8	4350	7.8	164010.0	-1603.5

4351	9.6	164035.9	-1631.9	4441	9.3	170409.5	-1653.6	4531	9.6	172151.8	-1608.7	4621	9.5	174007.4	-1611.4
4352	9.8	164043.0	-1626.0	4442	9.5	170409.5	-1601.0	4532	10.	172206.1	-1652.9	4622	8.3	174038.8	-1611.7
4353	7.9	164102.5	-1630.8	4443	8.2	170437.2	-1620.0	4533	9.9	172208.2	-1656.1	4623	10.	174111.9	-1606.3
4354	8.6	164108.4	-1609.4	4444	9.1	170444.0	-1645.7	4534	9.7	172213.8	-1656.0	4624	9.0	174122.0	-1606.7
4355	9.5	164135.3	-1650.2	4445	9.4	170448.7	-1610.6	4535	9.5	172225.9	-1634.1	4625	10.	174126.8	-1609.3
4356	9.5	164153.2	-1645.7	4446	9.4	170500.2	-1614.0	4536	9.2	172232.6	-1602.9	4626	9.8	174129.8	-1635.9
4357	9.8	164155.2	-1610.6	4447	9.6	170501.9	-1618.2	4537	9.1	172235.5	-1602.9	4627	9.0	174200.3	-1625.5
4358	10.	164222.1	-1618.8	4448	9.6	170511.8	-1637.5	4538	9.4	172253.7	-1638.3	4628	9.5	174208.4	-1631.6
4359	9.0	164222.3	-1655.9	4449	9.0	170525.9	-1603.9	4539	9.7	172256.5	-1638.7	4629	8.0	174221.4	-1606.2
4360	6.9	164235.5	-1617.3	4450	10.	170533.8	-1654.6	4540	9.6	172257.7	-1623.3	4630	9.0	174236.9	-1641.9
4361	9.8	164251.6	-1630.2	4451	9.6	170604.0	-1657.1	4541	9.5	172336.4	-1641.2	4631	8.8	174256.3	-1621.8
4362	9.8	164337.0	-1620.1	4452	9.7	170638.1	-1612.0	4542	10.	172402.3	-1616.7	4632	9.8	174317.0	-1605.9
4363	9.2	164337.3	-1615.9	4453	9.4	170653.0	-1634.0	4543	9.7	172402.4	-1657.9	4633	9.4	174323.7	-1621.8
4364	9.1	164446.8	-1646.2	4454	9.7	170658.6	-1658.9	4544	9.8	172408.8	-1603.8	4634	9.6	174332.9	-1656.9
4365	9.5	164544.3	-1655.5	4455	9.7	170711.6	-1642.1	4545	9.1	172410.0	-1632.0	4635	9.3	174339.2	-1647.2
4366	9.1	164545.8	-1609.8	4456	10.	170724.7	-1604.5	4546	9.8	172417.7	-1607.1	4636	9.1	174342.2	-1614.2
4367	9.7	164631.8	-1657.3	4457	9.5	170725.9	-1605.8	4547	9.8	172418.7	-1628.2	4637	8.0	174342.5	-1644.5
4368	9.7	164645.0	-1612.9	4458	9.5	170729.5	-1622.5	4548	9.1	172422.9	-1643.0	4638	9.4	174355.8	-1615.0
4369	9.2	164711.0	-1652.8	4459	8.8	170736.0	-1637.9	4549	9.3	172450.4	-1630.3	4639	7.2	174356.4	-1655.4
4370	9.5	164721.4	-1627.5	4460	7.5	170740.2	-1601.3	4550	9.0	172454.5	-1602.5	4640	8.0	174359.3	-1636.4
4371	6.2	164739.9	-1634.1	4461	9.0	170750.1	-1605.2	4551	9.1	172502.7	-1626.4	4641	9.8	174405.0	-1605.6
4372	9.8	164807.0	-1641.2	4462	9.5	170803.6	-1638.1	4552	9.8	172614.9	-1658.3	4642	9.4	174411.3	-1625.0
4373	9.6	164837.9	-1622.0	4463	9.0	170818.5	-1659.2	4553	9.3	172619.4	-1631.7	4643	9.5	174416.7	-1623.3
4374	9.5	164843.9	-1650.6	4464	8.9	170824.7	-1602.6	4554	8.5	172624.4	-1631.3	4644	9.1	174420.9	-1615.0
4375	9.8	164854.3	-1648.0	4465	9.1	170827.0	-1620.0	4555	9.4	172634.9	-1632.6	4645	9.8	174427.0	-1659.6
4376	9.5	164858.8	-1647.5	4466	8.6	170832.6	-1623.1	4556	9.9	172636.8	-1639.5	4646	9.5	174454.5	-1604.9
4377	9.5	164912.7	-1602.7	4467	9.8	170951.5	-1639.7	4557	8.9	172644.0	-1605.7	4647	9.0	174456.4	-1620.0
4378	9.3	164915.7	-1648.8	4468	9.0	170952.1	-1631.1	4558	9.8	172700.3	-1650.3	4648	9.8	174517.3	-1623.1
4379	9.9	164919.4	-1643.3	4469	9.8	170955.0	-1619.5	4559	9.0	172743.4	-1620.2	4649	9.4	174536.7	-1645.7
4380	9.8	164935.3	-1615.6	4470	6.5	170957.6	-1609.0	4560	9.8	172744.1	-1600.2	4650	9.5	174540.9	-1616.6
4381	9.8	164948.9	-1621.1	4471	8.8	171004.7	-1602.2	4561	9.8	172803.3	-1646.3	4651	9.6	174548.0	-1617.5
4382	9.5	164955.8	-1635.9	4472	9.2	171012.3	-1612.8	4562	9.4	172804.6	-1631.8	4652	9.8	174625.8	-1656.5
4383	9.5	165028.3	-1641.5	4473	10.	171036.2	-1603.5	4563	9.0	172807.9	-1605.7	4653	9.4	174644.0	-1618.0
4384	9.3	165032.2	-1649.0	4474	9.8	171107.0	-1618.7	4564	9.0	172810.8	-1631.8	4654	9.5	174724.9	-1607.2
4385	9.7	165043.2	-1618.7	4475	9.4	171110.8	-1659.6	4565	9.7	172814.9	-1631.6	4655	9.4	174725.1	-1612.1
4386	7.8	165056.3	-1640.4	4476	9.8	171125.6	-1623.0	4566	9.5	172835.8	-1628.9	4656	9.0	174727.8	-1643.0
4387	9.6	165116.3	-1655.9	4477	8.7	171132.6	-1606.2	4567	9.0	172841.9	-1630.5	4657	9.4	174735.8	-1622.2
4388	9.5	165125.3	-1629.5	4478	8.5	171141.6	-1632.0	4568	8.8	172851.6	-1637.6	4658	9.4	174749.7	-1612.9
4389	8.3	165146.9	-1625.2	4479	9.8	171143.1	-1625.3	4569	9.0	172920.6	-1616.4	4659	10.	174801.2	-1656.9
4390	9.4	165151.9	-1625.7	4480	9.0	171209.6	-1645.9	4570	9.4	172923.9	-1654.8	4660	9.7	174811.7	-1623.6
4391	9.5	165213.9	-1621.6	4481	9.2	171217.0	-1631.8	4571	9.4	172925.8	-1615.9	4661	8.8	174821.9	-1631.2
4392	9.8	165217.3	-1633.7	4482	9.5	171232.9	-1647.5	4572	9.6	172950.7	-1621.8	4662	8.5	174850.2	-1637.9
4393	9.3	165322.9	-1613.8	4483	9.4	171303.6	-1651.0	4573	9.8	172951.7	-1613.4	4663	9.6	174852.0	-1618.1
4394	9.3	165331.5	-1610.6	4484	9.8	171314.1	-1640.3	4574	9.4	173000.6	-1627.4	4664	9.2	174854.1	-1606.9
4395	9.8	165345.7	-1609.9	4485	9.5	171333.0	-1603.3	4575	9.1	173001.1	-1612.2	4665	9.8	174902.8	-1620.7
4396	9.4	165354.7	-1609.9	4486	9.8	171346.5	-1630.2	4576	9.8	173006.3	-1634.0	4666	9.3	174905.2	-1638.4
4397	9.2	165425.8	-1636.5	4487	9.6	171347.0	-1646.2	4577	9.6	173021.9	-1614.2	4667	8.7	174925.9	-1646.2
4398	8.6	165454.7	-1620.9	4488	9.5	171353.1	-1600.8	4578	9.6	173029.0	-1619.0	4668	9.4	174940.6	-1645.5
4399	9.5	165455.3	-1615.1	4489	9.4	171358.7	-1646.0	4579	10.	173031.2	-1617.5	4669	9.5	174956.0	-1603.4
4400	9.4	165458.7	-1645.4	4490	9.5	171418.5	-1612.7	4580	9.4	173031.3	-1622.4	4670	9.5	175017.9	-1627.5
4401	9.5	165500.1	-1635.2	4491	9.8	171428.5	-1605.5	4581	9.8	173034.1	-1623.9	4671	7.0	175018.4	-1649.9
4402	9.4	165507.2	-1611.0	4492	9.7	171436.0	-1625.1	4582	10.	173116.2	-1613.5	4672	9.5	175022.3	-1612.0
4403	9.6	165508.6	-1604.5	4493	9.5	171436.8	-1616.7	4583	9.3	173155.3	-1657.4	4673	8.9	175036.7	-1618.7
4404	9.2	165520.5	-1640.3	4494	9.8	171439.1	-1629.1	4584	9.8	173208.2	-1642.4	4674	9.5	175101.9	-1606.2
4405	9.2	165520.5	-1627.8	4495	9.1	171454.8	-1631.7	4585	9.8	173208.6	-1648.4	4675	9.8	175105.7	-1630.0
4406	9.4	165550.8	-1605.0	4496	9.3	171459.1	-1620.0	4586	9.8	173221.9	-1624.0	4676	9.6	175114.6	-1613.5
4407	9.8	165602.9	-1636.3	4497	9.5	171514.4	-1642.0	4587	9.6	173243.4	-1611.9	4677	9.7	175121.8	-1621.5
4408	9.5	165607.8	-1634.7	4498	9.4	171528.4	-1631.3	4588	9.8	173247.6	-1640.4	4678	7.3	175151.4	-1603.1
4409	9.7	165610.7	-1618.0	4499	9.6	171535.1	-1627.7	4589	10.	173247.8	-1615.7	4679	9.1	175159.7	-1630.7
4410	8.9	165610.8	-1633.4	4500	9.7	171536.3	-1622.4	4590	9.5	173342.1	-1613.2	4680	9.6	175233.8	-1607.7
4411	9.1	165610.8	-1619.4	4501	9.6	171608.3	-1615.0	4591	9.0	173342.8	-1658.1	4681	9.5	175240.5	-1613.0
4412	8.8	165618.2	-1638.9	4502	8.9	171623.4	-1624.6	4592	9.1	173343.1	-1625.3	4682	9.8	175247.2	-1628.4
4413	9.8	165703.6	-1622.8	4503	8.5	171627.1	-1601.3	4593	9.4	173350.9	-1610.4	4683	9.5	175252.6	-1652.9
4414	9.6	165724.2	-1630.6	4504	9.5	171631.5	-1601.3	4594	9.8	173424.3	-1634.7	4684	9.8	175252.6	-1601.9
4415	9.5	165817.3	-1611.3	4505	9.4	171643.4	-1634.9	4595	9.8	173434.1	-1613.5	4685	9.8	175253.1	-1606.0
4416	8.9	165834.5	-1614.6	4506	8.9	171707.0	-1631.6	4596	9.7	173451.8	-1650.8	4686	9.8	175303.8	-1646.6
4417	9.0	165836.6	-1631.0	4507	9.8	171711.0	-1628.0	4597	9.5	173455.2	-1653.7	4687	8.0	175318.8	-1625.9
4418	9.7	165839.4	-1618.5	4508	9.0	171713.3	-1618.9	4598	9.4	173456.1	-1607.3	4688	9.5	175321.6	-1649.2
4419	9.5	165843.2	-1621.2	4509	9.4	171744.3	-1620.3	4599	8.3	173508.3	-1644.1	4689	9.5	175331.9	-1612.0
4420	9.0	165846.8	-1611.7	4510	9.5	171744.4	-1644.1	4600	9.9	173508.9	-1642.5	4690	8.0	175348.2	-1612.8
4421	9.3	165957.2	-1620.6	4511	9.1	171747.5	-1609.9	4601	9.8	173545.8	-1612.9	4691	9.9	175352.5	-1640.1
4422	8.2	170002.6	-1651.1	4512	8.2	171748.4	-1656.8	4602	9.1	173554.4	-1615.8	4692	9.1	175401.9	-1658.3
4423	9.2	170037.1	-1649.0	4513	9.4	171752.9	-1624.3	4603	7.0	173556.0	-1647.5	4693	9.5	175414.9	-1608.3
4424	9.5	170037.7	-1638.5	4514	9.0	171802.5	-1602.1	4604	9.4	173558.6	-1613.5	4694	9.8	175437.8	-1620.5
4425	7.7	170038.4	-1642.3	4515	9.8	171806.7	-1649.4	4605	9.5	173558.7	-1600.2	4695	9.5	175501.3	-1618.6
4426	8.0	170129.6	-1606.9	4516	9.7	171824.7	-1658.8	4606	9.7	173604.3	-1637.0	4696	9.5	175520.2	-1647.5
4427	9.5	170143.2	-1647.0	4517	10.	171836.3	-1609.5	4607	9.0	173614.9	-1642.3	4697	9.3	175531.4	-1656.5
4428	9.3	170153.7	-1636.1	4518	9.4	171859.4	-1615.4	4608	9.5	173617.6	-1622.7	4698	9.5	175540.1	-1643.5
4429	9.5	170211.1	-1605.2	4519	9.4	171905.0	-1641.4	4609	9.7	173625.4	-1613.8	4699	9.5	175556.2	-1635.0
4430	9.3	170223.2	-1654.3	4520	9.7	171927.4	-1657.5	4610	8.0	173635.8	-1641.7	4700	9.8	175556.8	-1640.6
4431	9.6	170225.1	-1610.6	4521	9.1	171941.5	-1641.6	4611	9.6	173722.9	-1607.6	4701	9.1	175617.5	-1630.0
4432	9.1	170229.9	-1601.2	4522	9.6	171944.2	-1615.7	4612	9.5	173736.8	-1653.8	4702	8.3	175636.0	-1601.0
4433	9.5	170238.7	-1603.4	4523	9.8	171959.5	-1623.9	4613	8.0	173747.1	-1631.7	4703	9.2	175701.4	-1605.2
4434	7.5	170240.0	-1627.0	4524	9.4	172019.9	-1654.3	4614	9.0	173819.9	-1653.2	4704	9.5	175708.9	-1601.6
4435	9.5	170301.0	-1656.3	4525	9.5	172047.6	-1618.8	4615	9.8	173821.3	-1637.9	4705	9.4	175712.0	-1643.8
4436	7.3	170307.3	-1618.1	4526	8.4	172056.1	-1628.4	4616	9.8	173931.2	-1647.6	4706	9.1	175753.7	-1642.0
4437	9.4	170320.5	-1643.0	4527	9.3	172057.0	-1640.1	4617	9.4	173953.0	-1617.3	4707	9.0	175818.6	-1656.1
4438	9.3	170347.2	-1627.0	4528	10.	172109.7	-1651.8	4618	9.8	173955.5	-1617.6	4708	9.3	175836.1	-1653.5
4439	9.2	170352.0	-1633.7	4529	9.1	172133.0	-1657.5	4619	9.7	173958.2	-1624.7	4709	9.8	175840.2	-1627.7
4440	9.8	170355.1	-1631.3	4530	9.8	172144.4	-1626.3	4620	7.8	174001.8	-1646.3	4710	10.	175846.2	-1658.7

-16 4711 17h58m

-16 5070 18h46m

4711	9.0	175848.7	-1640.0	4801	9.5	180952.7	-1659.0	4891	9.7	182018.4	-1638.2	4981	8.8	183243.5	-1640.5
4712	9.4	175908.5	-1608.4	4802	9.1	180958.6	-1642.5	4892	9.6	182018.7	-1655.2	4982	9.8	183246.7	-1611.9
4713	9.6	175912.3	-1657.1	4803	9.0	181022.6	-1621.2	4893	8.8	182040.0	-1650.1	4983	9.9	183259.9	-1614.0
4714	10.	175916.2	-1659.2	4804	9.1	181032.8	-1642.7	4894	9.5	182046.3	-1641.3	4984	8.9	183310.4	-1606.7
4715	10.	175919.5	-1615.7	4805	8.5	181040.5	-1642.6	4895	9.2	182051.6	-1651.8	4985	8.8	183329.7	-1656.5
4716	8.8	175923.2	-1603.1	4806	8.8	181041.6	-1620.6	4896	9.2	182052.5	-1638.6	4986	9.1	183333.3	-1616.7
4717	9.8	175926.6	-1642.7	4807	9.0	181042.0	-1625.9	4897	9.5	182101.9	-1638.6	4987	8.3	183334.3	-1631.2
4718	9.0	175934.7	-1637.8	4808	9.5	181048.6	-1601.2	4898	9.5	182111.0	-1601.2	4988	9.5	183339.4	-1635.0
4719	9.8	175937.2	-1631.2	4809	9.3	181100.1	-1648.1	4899	8.5	182114.2	-1610.8	4989	9.8	183339.7	-1643.5
4720	8.0	180006.4	-1625.6	4810	9.6	181108.7	-1649.6	4900	8.3	182114.4	-1643.7	4990	8.7	183408.3	-1602.4
4721	8.9	180006.5	-1630.3	4811	9.1	181114.8	-1603.8	4901	9.5	182115.3	-1633.7	4991	9.0	183410.0	-1603.6
4722	9.4	180025.1	-1637.2	4812	9.2	181118.1	-1604.2	4902	9.0	182125.1	-1648.1	4992	9.8	183410.1	-1620.5
4723	9.5	180041.9	-1629.6	4813	9.4	181147.6	-1604.3	4903	8.2	182146.9	-1617.0	4993	9.8	183424.7	-1614.3
4724	9.0	180042.2	-1625.2	4814	9.7	181149.1	-1652.3	4904	9.8	182202.1	-1659.5	4994	9.4	183431.3	-1646.0
4725	10.	180055.7	-1625.4	4815	9.5	181202.0	-1600.3	4905	8.9	182209.7	-1643.7	4995	9.0	183445.8	-1635.5
4726	9.9	180056.3	-1621.9	4816	9.6	181205.7	-1615.7	4906	9.0	182227.8	-1601.3	4996	9.5	183447.0	-1653.9
4727	9.6	180057.0	-1611.7	4817	10.	181209.4	-1622.6	4907	8.5	182235.3	-1640.1	4997	9.3	183459.1	-1648.4
4728	9.0	180115.3	-1651.5	4818	9.4	181213.4	-1614.2	4908	9.8	182252.8	-1602.5	4998	7.8	183502.1	-1655.2
4729	9.7	180119.2	-1616.8	4819	9.7	181222.5	-1608.6	4909	10.	182302.5	-1603.3	4999	9.8	183512.9	-1643.7
4730	9.8	180144.6	-1656.5	4820	20.0	181224.1	-1613.6	4910	8.3	182309.6	-1604.6	5000	9.8	183546.6	-1621.0
4731	9.4	180147.8	-1614.2	4821	9.2	181225.8	-1621.0	4911	9.3	182326.6	-1613.3	5001	9.4	183549.6	-1656.7
4732	8.5	180149.3	-1616.8	4822	9.2	181226.3	-1605.6	4912	9.6	182340.0	-1646.1	5002	9.9	183559.4	-1621.3
4733	9.2	180156.6	-1648.1	4823	10.	181229.4	-1600.9	4913	9.5	182346.2	-1656.2	5003	9.1	183600.9	-1631.7
4734	9.5	180204.2	-1629.3	4824	9.8	181229.5	-1605.2	4914	9.8	182352.8	-1613.1	5004	9.5	183608.8	-1639.5
4735	9.5	180205.3	-1616.8	4825	9.8	181230.5	-1606.1	4915	9.0	182357.4	-1612.2	5005	9.5	183618.8	-1652.5
4736	7.3	180209.6	-1646.2	4826	9.6	181241.8	-1604.9	4916	8.9	182359.3	-1619.3	5006	9.0	183618.8	-1656.4
4737	7.6	180214.1	-1650.5	4827	9.5	181244.5	-1608.3	4917	9.5	182404.4	-1602.6	5007	8.3	183628.1	-1613.6
4738	9.5	180215.5	-1625.2	4828	9.1	181249.5	-1604.0	4918	9.1	182405.7	-1652.8	5008	9.5	183639.7	-1620.5
4739	9.1	180218.9	-1643.5	4829	8.7	181252.2	-1626.2	4919	8.5	182407.0	-1601.5	5009	9.6	183647.3	-1607.6
4740	9.6	180236.1	-1619.3	4830	8.9	181257.7	-1626.4	4920	9.4	182414.8	-1637.0	5010	9.2	183653.6	-1655.5
4741	9.5	180242.2	-1639.5	4831	10.	181258.3	-1603.4	4921	9.8	182419.7	-1656.1	5011	9.1	183702.1	-1646.5
4742	9.5	180243.6	-1646.4	4832	9.3	181305.0	-1605.0	4922	7.3	182438.8	-1639.5	5012	9.5	183705.8	-1629.3
4743	9.3	180244.1	-1659.8	4833	9.4	181305.0	-1656.9	4923	9.4	182441.6	-1653.0	5013	9.1	183706.9	-1639.4
4744	8.5	180248.4	-1643.6	4834	9.3	181308.4	-1600.6	4924	9.5	182445.2	-1604.0	5014	9.8	183713.7	-1611.1
4745	9.8	180312.0	-1603.2	4835	9.5	181312.8	-1616.3	4925	8.2	182447.7	-1656.7	5015	9.3	183715.2	-1644.7
4746	8.8	180320.7	-1606.4	4836	7.8	181326.5	-1623.0	4926	9.4	182454.4	-1610.7	5016	9.6	183723.3	-1618.8
4747	8.2	180323.8	-1655.1	4837	9.1	181328.7	-1639.8	4927	9.4	182500.1	-1610.6	5017	9.5	183727.4	-1632.7
4748	9.3	180328.4	-1645.2	4838	9.5	181334.6	-1635.0	4928	8.0	182500.4	-1608.5	5018	9.5	183739.4	-1647.9
4749	9.5	180345.5	-1604.6	4839	9.1	181356.4	-1657.0	4929	9.2	182501.8	-1632.4	5019	9.3	183751.3	-1653.8
4750	9.5	180354.8	-1611.9	4840	9.0	181400.6	-1608.2	4930	8.3	182502.8	-1658.5	5020	9.7	183752.5	-1616.3
4751	9.5	180402.1	-1637.1	4841	9.2	181404.1	-1636.8	4931	9.1	182512.9	-1655.1	5021	9.0	183755.8	-1612.1
4752	7.5	180404.7	-1624.4	4842	9.5	181409.7	-1640.2	4932	8.0	182544.5	-1636.4	5022	8.9	183821.3	-1657.8
4753	8.5	180416.9	-1602.2	4843	9.7	181411.3	-1615.5	4933	9.3	182613.2	-1640.0	5023	9.5	183836.4	-1632.9
4754	8.5	180425.2	-1636.5	4844	9.7	181411.8	-1623.4	4934	9.2	182613.6	-1650.5	5024	9.5	183844.6	-1632.0
4755	8.9	180426.3	-1619.2	4845	9.4	181413.1	-1605.4	4935	9.8	182615.2	-1641.6	5025	9.8	183847.3	-1646.8
4756	9.3	180427.4	-1618.4	4846	9.5	181416.2	-1612.6	4936	9.1	182628.3	-1614.2	5026	9.0	183848.7	-1650.8
4757	9.1	180432.1	-1653.0	4847	8.7	181425.9	-1659.3	4937	9.3	182645.2	-1618.1	5027	9.5	183902.8	-1657.4
4758	9.3	180518.4	-1636.0	4848	10.	181437.3	-1622.9	4938	8.9	182655.5	-1656.1	5028	8.2	183909.8	-1607.6
4759	10.	180550.1	-1651.7	4849	9.8	181444.6	-1636.9	4939	9.2	182655.7	-1619.3	5029	9.0	183917.2	-1617.3
4760	10.	180558.4	-1634.2	4850	8.2	181447.2	-1639.6	4940	9.5	182656.2	-1602.9	5030	9.0	183918.9	-1641.9
4761	9.3	180607.2	-1631.8	4851	9.5	181451.2	-1616.6	4941	7.5	182659.4	-1614.6	5031	9.3	183928.4	-1623.4
4762	9.3	180612.6	-1601.0	4852	9.0	181454.4	-1647.0	4942	9.5	182715.6	-1617.1	5032	9.4	183929.1	-1648.0
4763	9.3	180614.6	-1630.3	4853	9.4	181455.6	-1604.4	4943	9.4	182717.2	-1602.4	5033	7.4	183936.6	-1655.8
4764	9.8	180618.3	-1630.8	4854	9.5	181500.1	-1607.7	4944	10.	182735.3	-1627.6	5034	7.8	183945.8	-1634.3
4765	9.8	180627.5	-1617.8	4855	9.6	181539.4	-1610.5	4945	9.5	182737.3	-1632.0	5035	9.5	183946.0	-1613.0
4766	9.0	180645.2	-1606.8	4856	10.	181558.2	-1612.8	4946	9.8	182754.9	-1656.0	5036	9.3	183954.7	-1613.8
4767	9.0	180645.8	-1604.0	4857	9.4	181559.0	-1659.0	4947	9.8	182809.6	-1658.0	5037	9.5	184017.6	-1645.5
4768	9.8	180650.7	-1600.2	4858	9.5	181607.6	-1604.4	4948	9.8	182811.0	-1632.3	5038	9.4	184021.9	-1654.9
4769	9.1	180652.1	-1651.0	4859	8.7	181620.8	-1652.4	4949	9.5	182813.4	-1651.0	5039	9.4	184026.4	-1617.5
4770	9.5	180652.9	-1636.0	4860	9.8	181628.2	-1600.8	4950	9.8	182817.2	-1610.8	5040	8.5	184030.9	-1624.1
4771	7.3	180657.1	-1652.0	4861	8.3	181630.8	-1620.9	4951	9.3	182818.0	-1645.0	5041	7.3	184106.4	-1652.7
4772	9.7	180659.9	-1607.4	4862	9.3	181636.8	-1620.5	4952	7.0	182825.8	-1603.4	5042	9.3	184107.7	-1628.3
4773	8.7	180700.6	-1649.8	4863	9.2	181637.8	-1650.2	4953	9.0	182827.7	-1649.6	5043	9.5	184131.5	-1658.9
4774	9.7	180702.9	-1626.1	4864	9.0	181659.4	-1635.0	4954	9.8	182829.4	-1622.6	5044	9.3	184138.6	-1629.9
4775	9.4	180703.8	-1659.6	4865	9.8	181705.5	-1616.6	4955	8.5	182834.4	-1624.2	5045	9.5	184144.7	-1626.3
4776	9.2	180714.0	-1616.4	4866	9.8	181707.2	-1633.5	4956	8.7	182847.4	-1622.6	5046	8.4	184219.3	-1655.2
4777	9.4	180727.2	-1603.9	4867	9.5	181722.2	-1601.6	4957	9.3	182850.7	-1609.0	5047	10.	184222.6	-1605.1
4778	9.4	180738.1	-1602.9	4868	9.5	181724.2	-1616.6	4958	9.5	182908.5	-1625.8	5048	8.0	184254.7	-1619.0
4779	9.0	180744.6	-1653.1	4869	9.5	181734.1	-1621.4	4959	10.	182923.1	-1628.2	5049	9.8	184309.4	-1612.8
4780	10.	180748.9	-1600.0	4870	9.8	181737.1	-1604.7	4960	9.5	182955.8	-1645.2	5050	9.5	184320.9	-1618.0
4781	9.0	180750.1	-1650.1	4871	8.2	181747.3	-1600.4	4961	9.3	183010.2	-1615.4	5051	8.3	184328.5	-1640.9
4782	9.8	180759.6	-1605.5	4872	9.0	181751.3	-1654.0	4962	9.5	183014.1	-1621.5	5052	9.7	184331.0	-1614.2
4783	9.9	180804.6	-1647.0	4873	9.8	181751.6	-1640.6	4963	7.8	183014.6	-1625.7	5053	8.8	184343.9	-1628.4
4784	9.8	180805.8	-1652.9	4874	9.8	181804.7	-1642.8	4964	10.	183019.6	-1618.5	5054	9.3	184356.4	-1619.8
4785	9.4	180815.6	-1651.8	4875	9.5	181811.2	-1644.4	4965	9.5	183032.3	-1634.9	5055	9.7	184411.4	-1651.3
4786	8.5	180826.2	-1633.9	4876	9.8	181813.3	-1616.2	4966	9.5	183049.9	-1656.0	5056	9.8	184414.5	-1612.2
4787	9.0	180829.9	-1626.8	4877	9.5	181833.4	-1605.6	4967	9.5	183052.2	-1607.4	5057	10.	184415.1	-1649.3
4788	9.3	180833.9	-1644.6	4878	9.8	181843.8	-1623.4	4968	9.5	183056.3	-1636.2	5058	9.3	184427.9	-1634.7
4789	9.8	180850.7	-1641.9	4879	9.4	181845.7	-1656.8	4969	9.2	183111.5	-1638.2	5059	9.7	184437.7	-1622.3
4790	8.8	180852.0	-1658.2	4880	9.8	181848.1	-1605.4	4970	9.4	183134.2	-1635.9	5060	7.3	184438.2	-1633.0
4791	9.2	180856.5	-1606.5	4881	9.4	181906.9	-1630.4	4971	9.0	183138.2	-1652.1	5061	9.8	184441.3	-1609.3
4792	9.1	180906.0	-1617.3	4882	9.2	181920.7	-1601.6	4972	9.5	183150.7	-1630.5	5062	9.1	184442.4	-1638.7
4793	9.4	180907.4	-1621.1	4883	9.2	181921.5	-1632.0	4973	9.3	183200.3	-1634.7	5063	9.4	184453.4	-1644.6
4794	9.5	180907.5	-1603.3	4884	7.9	181925.2	-1630.4	4974	9.1	183200.4	-1611.9	5064	8.8	184457.4	-1633.0
4795	9.3	180908.2	-1641.3	4885	9.6	181941.3	-1619.0	4975	9.8	183211.2	-1611.9	5065	9.4	184509.6	-1654.2
4796	9.8	180914.1	-1634.6	4886	9.9	181942.4	-1643.6	4976	9.4	183228.2	-1638.5	5066	8.5	184521.0	-1620.0
4797	9.3	180917.4	-1654.7	4887	9.0	181951.8	-1607.0	4977	9.5	183231.0	-1602.7	5067	9.5	184536.4	-1641.2
4798	9.3	180922.8	-1614.2	4888	8.3	182002.1	-1647.2	4978	9.4	183232.2	-1616.0	5068	9.5	184537.6	-1653.9
4799	9.8	180930.7	-1639.6	4889	9.5	182008.8	-1623.3	4979	9.1	183239.3	-1648.4	5069	9.0	184553.9	-1635.3
4800	9.8	180937.5	-1609.4	4890	9.8	182010.7	-1657.2	4980	9.8	183242.2	-1636.3	5070	9.8	184605.4	-1652.1

-16 5071 18h46m

5071	9.2	184612.8	-1600.9	5161	9.5	185942.2	-1648.7	5251	9.3	190914.2	-1610.5
5072	9.0	184625.1	-1633.8	5162	9.3	185948.2	-1616.8	5252	9.6	190917.5	-1651.7
5073	9.8	184630.6	-1608.5	5163	9.0	185949.0	-1650.0	5253	6.8	190920.9	-1613.2
5074	8.2	184632.4	-1642.1	5164	9.5	185954.2	-1653.0	5254	9.8	190922.6	-1607.2
5075	9.5	184646.1	-1656.0	5165	8.0	190009.7	-1605.9	5255	9.0	190931.0	-1636.6
5076	9.4	184652.9	-1628.0	5166	10.	190021.1	-1622.5	5256	7.7	190946.2	-1612.3
5077	9.0	184708.4	-1636.8	5167	9.5	190021.8	-1600.1	5257	8.7	190950.2	-1631.2
5078	5.2	184709.4	-1633.5	5168	9.8	190034.2	-1619.8	5258	9.8	190951.5	-1644.7
5079	9.1	184713.9	-1633.9	5169	8.8	190036.9	-1626.8	5259	8.2	190953.1	-1656.6
5080	9.8	184714.5	-1623.6	5170	9.5	190041.4	-1645.4	5260	8.0	190958.9	-1605.3
5081	9.1	184716.4	-1646.8	5171	8.5	190059.1	-1603.4	5261	9.7	191006.5	-1616.6
5082	10.	184719.7	-1616.4	5172	9.4	190059.8	-1601.1	5262	9.6	191007.7	-1618.3
5083	7.3	184722.6	-1631.2	5173	9.5	190101.8	-1649.4	5263	9.7	191011.1	-1630.3
5084	9.0	184741.5	-1645.0	5174	9.5	190110.3	-1623.0	5264	9.0	191013.4	-1645.3
5085	9.9	184750.4	-1650.9	5175	9.3	190119.0	-1607.8	5265	9.8	191015.2	-1609.5
5086	9.4	184755.7	-1650.0	5176	10.	190125.2	-1620.4	5266	9.5	191018.6	-1636.3
5087	9.1	184804.4	-1654.5	5177	9.4	190128.9	-1632.8	5267	9.7	191021.9	-1619.8
5088	9.9	184817.4	-1603.6	5178	8.6	190133.0	-1652.2	5268	9.7	191025.2	-1621.9
5089	9.4	184834.0	-1627.1	5179	9.0	190149.9	-1649.2	5269	9.8	191030.5	-1646.5
5090	9.5	184836.9	-1629.1	5180	9.6	190151.4	-1612.6	5270	9.5	191038.5	-1600.4
5091	9.5	184843.3	-1605.7	5181	9.5	190152.4	-1630.1	5271	9.5	191044.1	-1614.3
5092	9.8	184849.1	-1659.8	5182	9.4	190158.6	-1619.5	5272	6.8	191051.9	-1610.2
5093	9.8	184906.6	-1657.8	5183	9.0	190159.1	-1631.5	5273	9.1	191054.9	-1656.3
5094	9.7	184909.8	-1616.7	5184	9.5	190200.9	-1603.8	5274	9.5	191102.0	-1626.5
5095	9.5	184911.5	-1627.0	5185	9.2	190207.4	-1631.4	5275	9.4	191132.9	-1619.8
5096	9.1	184930.7	-1643.8	5186	9.0	190227.8	-1644.2	5276	9.3	191133.7	-1602.3
5097	9.8	184930.8	-1639.8	5187	7.8	190247.5	-1608.9	5277	9.2	191200.6	-1638.6
5098	9.5	184931.2	-1614.9	5188	9.1	190251.6	-1619.5	5278	9.1	191211.5	-1624.1
5099	9.5	185003.5	-1624.2	5189	9.4	190254.9	-1654.1	5279	9.1	191236.0	-1651.7
5100	8.2	185012.7	-1649.4	5190	9.1	190309.5	-1629.5	5280	9.5	191257.5	-1642.4
5101	9.5	185015.1	-1622.6	5191	9.0	190309.8	-1617.1	5281	9.2	191306.5	-1605.0
5102	9.5	185021.9	-1611.5	5192	9.1	190311.4	-1635.2	5282	9.1	191324.0	-1633.0
5103	7.8	185046.1	-1603.2	5193	9.8	190330.9	-1654.3	5283	4.7	191325.1	-1613.1
5104	9.5	185049.4	-1655.3	5194	9.0	190347.1	-1609.1	5284	10.	191328.9	-1617.8
5105	9.3	185053.0	-1649.8	5195	9.0	190347.1	-1602.4	5285	9.2	191330.6	-1620.9
5106	9.6	185105.5	-1654.0	5196	8.0	190348.2	-1639.7	5286	9.5	191344.0	-1608.5
5107	9.1	185108.7	-1603.1	5197	9.5	190348.5	-1615.9	5287	8.8	191355.8	-1651.8
5108	7.8	185118.5	-1617.7	5198	8.8	190356.0	-1631.6	5288	9.2	191421.2	-1616.5
5109	9.0	185143.0	-1624.5	5199	9.8	190400.8	-1657.5	5289	8.9	191436.6	-1642.9
5110	9.1	185158.8	-1636.7	5200	9.5	190413.0	-1650.4	5290	9.8	191436.9	-1651.1
5111	9.5	185208.5	-1657.3	5201	9.5	190415.3	-1616.2	5291	9.1	191502.0	-1636.2
5112	9.1	185232.0	-1653.6	5202	9.6	190431.4	-1655.6	5292	8.7	191507.8	-1646.5
5113	8.8	185237.6	-1624.9	5203	9.5	190456.6	-1630.7	5293	7.8	191519.7	-1605.3
5114	9.5	185251.5	-1613.4	5204	9.3	190503.1	-1659.6	5294	9.6	191527.6	-1651.7
5115	9.3	185301.4	-1652.3	5205	9.2	190517.3	-1602.2	5295	9.5	191545.6	-1627.5
5116	8.3	185307.6	-1620.2	5206	9.1	190518.6	-1601.6	5296	9.1	191549.3	-1625.4
5117	9.4	185314.3	-1607.8	5207	9.5	190519.3	-1656.2	5297	9.4	191602.5	-1653.7
5118	9.8	185347.1	-1615.7	5208	8.5	190524.8	-1614.0	5298	9.0	191609.1	-1644.6
5119	9.4	185350.1	-1627.5	5209	8.5	190538.0	-1654.9	5299	9.4	191613.7	-1656.7
5120	9.5	185354.4	-1608.2	5210	9.2	190539.8	-1616.7	5300	9.1	191614.8	-1651.2
5121	9.4	185357.1	-1611.5	5211	8.0	190545.1	-1608.3	5301	9.7	191643.0	-1603.9
5122	9.0	185410.5	-1605.5	5212	9.5	190556.0	-1629.2	5302	9.4	191655.6	-1612.5
5123	7.8	185410.8	-1647.8	5213	9.9	190557.5	-1630.5	5303	9.0	191656.0	-1611.0
5124	8.3	185434.7	-1611.2	5214	9.4	190636.0	-1616.0	5304	10.	191713.5	-1602.9
5125	9.3	185442.6	-1618.0	5215	8.9	190642.5	-1613.4	5305	9.8	191723.6	-1608.9
5126	9.5	185453.7	-1633.1	5216	9.5	190644.7	-1624.4	5306	9.5	191723.9	-1652.0
5127	9.3	185514.0	-1619.6	5217	9.6	190645.8	-1615.1	5307	9.0	191727.3	-1652.0
5128	8.3	185530.1	-1612.7	5218	9.8	190654.9	-1634.6	5308	9.3	191755.5	-1633.1
5129	9.5	185549.2	-1622.0	5219	9.7	190655.8	-1606.6	5309	9.4	191808.6	-1611.5
5130	9.5	185550.0	-1654.2	5220	7.1	190705.8	-1620.6	5310	9.0	191819.3	-1611.2
5131	9.8	185611.7	-1620.8	5221	9.4	190716.9	-1629.5	5311	9.1	191838.0	-1635.3
5132	9.5	185612.8	-1634.3	5222	9.6	190717.0	-1613.0	5312	9.2	191840.0	-1625.1
5133	9.5	185618.1	-1635.8	5223	8.9	190728.4	-1631.5	5313	9.4	191857.0	-1637.8
5134	9.5	185625.5	-1652.4	5224	8.8	190730.5	-1632.9	5314	9.0	191857.1	-1603.6
5135	9.2	185646.0	-1654.7	5225	8.9	190735.9	-1652.3	5315	9.6	191859.1	-1604.0
5136	9.1	185652.1	-1631.7	5226	9.8	190737.9	-1630.8	5316	8.9	191903.5	-1631.1
5137	10.	185656.6	-1619.7	5227	9.9	190745.4	-1606.8	5317	9.1	191910.3	-1618.2
5138	9.6	185701.6	-1653.5	5228	9.8	190746.0	-1620.4	5318	8.0	191916.0	-1644.6
5139	8.1	185715.0	-1646.6	5229	9.4	190749.0	-1626.0	5319	9.4	191940.6	-1619.1
5140	9.7	185725.1	-1617.0	5230	9.3	190754.5	-1638.6	5320	9.0	191954.0	-1630.5
5141	9.4	185727.0	-1602.2	5231	8.8	190757.4	-1633.9	5321	9.5	191954.9	-1600.7
5142	9.4	185727.7	-1646.8	5232	7.8	190758.7	-1649.2	5322	9.9	192005.8	-1655.9
5143	9.4	185745.7	-1630.9	5233	9.7	190803.0	-1642.7	5323	9.9	192012.5	-1602.5
5144	9.5	185750.9	-1658.9	5234	9.3	190804.0	-1652.5	5324	9.0	192028.5	-1625.4
5145	9.5	185755.6	-1614.3	5235	9.4	190814.1	-1606.6	5325	8.5	192031.0	-1648.4
5146	9.5	185756.4	-1605.4	5236	8.7	190814.4	-1638.4	5326	9.4	192032.3	-1639.2
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5148	8.9	185802.4	-1658.7	5238	8.3	190821.1	-1631.2	5328	9.3	192042.6	-1615.3
5149	9.1	185806.1	-1601.0	5239	10.	190823.6	-1647.7	5329	9.1	192057.1	-1642.9
5150	9.5	185819.9	-1611.0	5240	8.8	190824.4	-1641.2	5330	9.3	192102.3	-1610.6
5151	9.5	185820.1	-1633.0	5241	9.2	190825.7	-1650.6	5331	9.5	192113.5	-1653.0
5152	9.5	185827.7	-1643.9	5242	9.0	190828.5	-1651.6	5332	9.4	192122.6	-1627.0
5153	6.2	185831.7	-1626.8	5243	9.3	190829.2	-1625.9	5333	7.5	192145.2	-1616.3
5154	9.8	185835.7	-1605.0	5244	9.3	190836.4	-1627.7	5334	9.5	192157.6	-1637.5
5155	9.4	185846.0	-1621.5	5245	9.1	190841.5	-1613.1	5335	9.1	192158.6	-1627.0
5156	9.5	185849.5	-1616.5	5246	9.4	190851.9	-1642.0	5336	9.1	192211.5	-1652.3
5157	8.2	185854.5	-1608.0	5247	8.4	190852.7	-1617.9	5337	7.5	192227.8	-1628.0
5158	9.2	185929.3	-1628.4	5248	9.6	190903.1	-1628.1	5338	9.5	192230.4	-1604.4
5159	9.1	185937.4	-1629.0	5249	7.4	190905.2	-1619.5	5339	9.5	192237.0	-1658.9
5160	9.5	185941.0	-1617.0	5250	9.8	190907.5	-1648.3	5340	8.0	192257.5	-1642.1

-16 5430 19h37m

5341	9.3	192258.6	-1612.9	5391	10.	19311[illegible].7	-1625.1	5441	9.5	193352.7	-1653.7
5342	9.4	192301.1	-1627.3	5392	9.1	19312[illegible].2	-1645.2	5442	9.0	193409.8	-1640.4
5343	9.6	192314.1	-1617.1	5393	9.4	19312[illegible].5	-1621.6	5443	5.0	193413.7	-1627.8
5344	7.8	192407.7	-1603.1	5394	9.2	19313[illegible].5	-1625.8	5444	9.4	193425.7	-1620.5
5345	9.0	192412.5	-1634.7	5395	9.4	19313[illegible].4	-1656.5	5445	9.2	193427.2	-1633.4
5346	9.0	192419.6	-1637.6	5396	9.3	193156.4	-1657.9	5446	9.2	193428.4	-1635.6
5347	9.5	192430.7	-1613.7	5397	9.2	193157.7	-1617.2	5447	9.3	193431.0	-1609.3
5348	9.1	192437.6	-1637.6	5398	8.7	193204.8	-1607.9	5448	9.2	193433.1	-1621.2
5349	9.5	192444.1	-1628.0	5399	5.5	193225.2	-1636.7	5449	9.1	193436.0	-1646.8
5350	9.8	192459.8	-1602.6	5400	8.7	193227.7	-1636.4	5450	8.3	193442.9	-1621.0
5351	8.0	192501.0	-1655.2	5401	8.7	193230.3	-1642.7	5451	9.3	193448.3	-1653.1
5352	9.5	192501.4	-1615.3	5402	9.3	193252.2	-1646.8	5452	9.4	193449.7	-1641.1
5353	9.3	192502.4	-1654.1	5403	9.7	193300.9	-1639.8	5453	8.4	193514.3	-1618.7
5354	9.5	192506.5	-1656.2	5404	9.1	193304.8	-1606.7	5454	9.4	193522.1	-1642.1
5355	9.5	192510.6	-1643.2	5405	9.3	193306.0	-1629.5	5455	9.6	193559.2	-1613.1
5356	8.0	192533.2	-1607.5	5406	9.4	193315.7	-1626.4	5456	9.8	193617.8	-1628.2
5357	8.0	192540.1	-1635.2	5407	9.2	193325.2	-1659.2	5457	9.8	193625.7	-1635.4
5358	9.8	192552.9	-1617.8	5408	9.5	193328.2	-1657.0	5458	9.4	193717.9	-1621.1
5359	7.5	192555.6	-1636.8	5409	10.	193329.3	-1608.0	5459	9.3	193728.1	-1609.2
5360	7.2	192609.2	-1641.3	5410	9.8	193347.2	-1631.6	5460	9.7	193746.3	-1612.3
5361	9.0	192601.7	-1608.2								
5362	9.5	192629.1	-1650.5								
5363	9.1	192634.6	-1626.5								
5364	9.8	192640.2	-1606.1								
5365	9.5	192658.7	-1648.0								
5366	9.5	192711.2	-1613.9								
5367	9.0	192736.8	-1601.1								
5368	9.1	192745.2	-1653.3								
5369	9.5	192752.9	-1615.7								
5370	9.5	192811.4	-1614.0								
5371	9.1	192811.5	-1604.3								
5372	9.5	192817.4	-1619.5								
5373	9.5	192822.7	-1625.0								
5374	9.3	192834.2	-1638.0								
5375	9.7	192841.9	-1617.4								
5376	9.1	192843.8	-1602.9								
5377	9.0	192844.9	-1645.9								
5378	9.2	192850.9	-1653.4								
5379	8.9	192855.6	-1641.1								
5380	9.4	192914.1	-1626.6								

5431	9.7	193802.1	-1622.5	5521	9.3	200203.1	-1613.8	5611	9.5	202110.6	-1633.7
5432	9.8	193813.2	-1643.3	5522	9.9	200241.2	-1644.5	5612	9.5	202113.1	-1634.7
5433	8.2	193815.7	-1633.5	5523	9.3	200256.5	-1610.5	5613	9.1	202156.5	-1642.8
5434	9.0	193834.9	-1616.4	5524	9.4	200312.3	-1659.0	5614	9.8	202212.0	-1647.5
5435	9.3	193900.5	-1615.7	5525	9.0	200314.6	-1617.4	5615	9.4	202215.6	-1644.8
5436	9.3	193908.9	-1621.7	5526	9.5	200324.6	-1616.7	5616	9.8	202233.0	-1615.3
5437	9.8	193911.2	-1649.2	5527	9.5	200359.4	-1640.4	5617	7.0	202236.0	-1615.1
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5439	8.9	193937.1	-1651.2	5529	9.3	200421.5	-1606.5	5619	9.5	202245.7	-1658.2
5440	8.5	194016.8	-1631.1	5530	9.6	200449.9	-1634.6	5620	9.3	202251.0	-1621.1
5441	8.8	194018.0	-1611.1	5531	9.7	200455.5	-1650.0	5621	9.0	202257.8	-1655.7
5442	8.8	194050.9	-1620.4	5532	9.5	200508.6	-1621.0	5622	9.8	202310.0	-1616.4
5443	9.4	194141.0	-1647.2	5533	9.1	200532.8	-1641.3	5623	9.8	202317.6	-1629.3
5444	9.4	194159.2	-1600.9	5534	9.5	200557.0	-1619.6	5624	9.5	202322.0	-1659.9
5445	9.6	194224.1	-1601.6	5535	8.8	200600.0	-1626.5	5625	10.	202331.7	-1610.6
5446	9.8	194233.7	-1621.1	5536	8.5	200628.5	-1602.4	5626	9.5	202332.0	-1658.4
5447	8.5	194314.7	-1613.9	5537	9.3	200634.4	-1638.6	5627	9.2	202400.6	-1638.0
5448	9.8	194315.0	-1654.5	5538	9.8	200648.2	-1612.5	5628	8.6	202404.1	-1637.1
5449	9.3	194322.8	-1641.5	5539	9.0	200651.1	-1600.2	5629	9.5	202421.5	-1629.0
5450	9.3	194343.0	-1652.1	5540	9.0	200652.9	-1633.8	5630	10.	202443.2	-1633.6
5451	9.2	194411.0	-1642.3	5541	9.8	200708.2	-1606.8	5631	9.8	202450.7	-1604.2
5452	9.8	194501.6	-1633.7	5542	9.6	200709.4	-1659.5	5632	8.6	202453.6	-1630.7
5453	9.8	194521.6	-1633.3	5543	8.0	200718.3	-1617.4	5633	9.7	202457.9	-1658.8
5454	7.8	194626.3	-1617.1	5544	9.3	200737.1	-1606.8	5634	9.0	202512.8	-1605.7
5455	9.2	194648.3	-1615.2	5545	7.3	200748.9	-1643.8	5635	8.7	202608.8	-1611.7
5456	9.5	194806.1	-1604.5	5546	8.6	200814.8	-1647.3	5636	10.	202616.1	-1632.1
5457	8.4	194806.4	-1645.4	5547	9.4	200849.6	-1604.8	5637	9.2	202635.3	-1603.5
5458	7.3	194819.7	-1605.0	5548	9.1	200909.7	-1637.8	5638	8.0	202640.6	-1617.2
5459	9.7	194826.5	-1616.4	5549	9.1	200912.9	-1625.0	5639	9.5	202647.0	-1648.0
5460	9.2	194828.5	-1657.5	5550	7.0	200915.0	-1615.9	5640	9.3	202652.9	-1652.2
5461	8.2	194830.1	-1659.7	5551	9.3	200917.7	-1613.2	5641	9.8	202735.2	-1651.5
5462	9.8	194836.0	-1622.5	5552	8.9	200931.0	-1616.4	5642	9.5	202744.1	-1622.9
5463	9.1	194852.4	-1638.5	5553	9.5	200944.1	-1627.3	5643	9.8	202753.2	-1628.5
5464	9.2	194907.8	-1647.2	5554	9.2	200944.7	-1642.1	5644	9.8	202758.2	-1639.8
5465	9.8	194914.9	-1648.3	5555	9.5	200952.2	-1613.9	5645	9.2	202809.7	-1624.9
5466	9.5	194915.2	-1652.5	5556	9.8	201007.5	-1620.2	5646	9.0	202815.3	-1602.2
5467	9.5	194939.0	-1615.1	5557	9.2	201011.9	-1631.4	5647	9.8	202828.7	-1638.5
5468	9.1	194955.3	-1606.4	5558	8.0	201045.1	-1617.9	5648	10.	202841.1	-1624.6
5469	7.3	194957.1	-1620.9	5559	9.3	201047.7	-1616.0	5649	8.8	202911.2	-1631.6
5470	8.9	195005.0	-1634.0	5560	9.3	201103.7	-1657.2	5650	9.5	202915.0	-1610.3
5471	8.8	195018.2	-1608.0	5561	9.5	201123.1	-1602.7	5651	9.6	202942.6	-1659.9
5472	9.5	195051.3	-1655.3	5562	9.5	201137.2	-1614.2	5652	9.8	202954.8	-1626.6
5473	8.7	195057.6	-1625.4	5563	9.5	201139.4	-1639.9	5653	9.6	203013.0	-1641.5
5474	9.5	195120.5	-1656.5	5564	9.6	201158.6	-1600.2	5654	9.5	203020.0	-1656.9
5475	10.	195125.4	-1606.5	5565	8.6	201201.1	-1602.9	5655	9.0	203035.8	-1627.9
5476	9.8	195134.9	-1605.2	5566	9.1	201232.3	-1630.3	5656	9.6	203037.2	-1631.2
5477	8.8	195141.0	-1605.6	5567	9.8	201236.5	-1620.8	5657	9.2	203043.7	-1620.0
5478	7.1	195215.8	-1616.4	5568	9.4	201243.3	-1622.5	5658	9.3	203056.1	-1657.4
5479	8.8	195221.9	-1616.5	5569	9.7	201305.8	-1630.9	5659	9.5	203101.3	-1658.2
5480	8.7	195234.3	-1606.5	5570	8.7	201330.0	-1644.2	5660	9.7	203116.6	-1651.2
5481	8.7	195256.6	-1657.7	5571	9.5	201331.9	-1612.5	5661	9.7	203133.2	-1644.8
5482	10.	195404.8	-1649.9	5572	9.2	201341.1	-1605.1	5662	9.4	203147.1	-1649.2
5483	9.3	195407.4	-1654.1	5573	9.4	201346.0	-1634.9	5663	6.0	203223.2	-1638.1
5484	9.7	195416.1	-1621.7	5574	9.8	201355.1	-1623.5	5664	9.1	203225.4	-1606.1
5485	8.0	195419.3	-1616.1	5575	7.2	201401.6	-1604.5	5665	9.6	203247.2	-1648.3
5486	9.4	195432.4	-1626.2	5576	9.2	201403.5	-1634.0	5666	9.8	203249.3	-1655.1
5487	8.7	195433.4	-1627.9	5577	7.9	201410.2	-1617.2	5667	9.8	203257.7	-1653.2
5488	9.5	195533.8	-1631.7	5578	10.	201413.1	-1613.6	5668	9.4	203326.2	-1632.3
5489	9.2	195549.0	-1651.6	5579	9.9	201414.1	-1614.1	5669	9.5	203350.9	-1600.7
5490	8.8	195606.4	-1619.3	5580	9.4	201414.8	-1628.8	5670	9.3	203412.6	-1614.1
5491	8.8	195607.9	-1606.4	5581	8.3	201420.1	-1658.7	5671	9.4	203428.3	-1635.0
5492	8.6	195608.4	-1604.4	5582	9.1	201426.4	-1605.5	5672	8.0	203430.4	-1610.8
5493	9.8	195615.5	-1607.9	5583	9.5	201432.2	-1605.7	5673	9.3	203430.8	-1609.5
5494	9.5	195615.5	-1652.9	5584	9.5	201439.1	-1600.1	5674	9.1	203432.1	-1652.0
5495	8.7	195627.2	-1626.2	5585	9.8	201455.4	-1649.8	5675	8.2	203436.8	-1625.2
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5497	9.2	195649.7	-1618.6	5587	8.0	201500.8	-1614.9	5677	10.	203500.1	-1637.3
5498	8.0	195706.0	-1646.8	5588	9.2	201513.2	-1619.1	5678	9.1	203504.5	-1609.3
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5500	8.4	195733.9	-1609.7	5590	9.5	201550.3	-1608.8	5680	9.4	203540.4	-1641.5
5501	9.5	195808.4	-1626.3	5591	9.4	201618.5	-1629.7	5681	8.5	203541.0	-1619.6
5502	9.7	195814.1	-1645.5	5592	9.3	201620.6	-1628.4	5682	10.	203559.1	-1654.2
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5504	9.7	195855.8	-1616.5	5594	9.8	201646.8	-1629.2	5684	9.4	203620.4	-1600.4
5505	8.6	195942.6	-1619.6	5595	9.8	201654.1	-1610.0	5685	9.8	203630.2	-1642.8
5506	9.5	200007.4	-1629.5	5596	8.9	201706.0	-1649.9	5686	9.0	203643.5	-1652.1
5507	9.4	200012.9	-1656.6	5597	9.3	201711.2	-1623.3	5687	9.7	203647.4	-1638.9
5508	9.7	200014.0	-1614.1	5598	9.8	201716.0	-1630.7	5688	9.5	203656.1	-1609.1
5509	8.1	200020.0	-1607.7	5599	9.5	201735.7	-1607.4	5689	9.1	203704.3	-1633.5
5510	9.4	200030.2	-1605.5	5600	9.8	201759.2	-1649.8	5690	6.7	203705.4	-1619.1
5511	9.2	200031.2	-1643.6	5601	9.0	201804.6	-1628.7	5691	8.5	203707.9	-1618.3
5512	9.7	200031.9	-1640.5	5602	10.	201815.2	-1658.6	5692	9.5	203822.2	-1647.4
5513	9.3	200039.8	-1644.2	5603	10.	201820.7	-1655.6	5693	9.3	203825.6	-1618.3
5514	9.2	200052.2	-1620.7	5604	8.3	201846.6	-1622.6	5694	8.7	203913.9	-1627.3
5515	9.1	200055.4	-1633.6	5605	10.	201958.9	-1606.6	5695	7.7	203920.0	-1608.0
5516	9.8	200055.9	-1624.0	5606	9.2	202004.0	-1610.5	5696	9.6	203933.3	-1638.5
5517	9.2	200100.3	-1656.0	5607	9.8	202030.1	-1628.5	5697	9.0	203934.8	-1613.1
5518	9.4	200122.4	-1620.7	5608	9.3	202032.1	-1658.8	5698	9.0	203942.7	-1647.5
5519	10.	200128.5	-1644.7	5609	6.0	202033.3	-1613.2	5699	10.	203949.9	-1606.6
5520	9.5	200159.4	-1652.4	5610	9.0	202052.4	-1627.0	5700	9.5	203952.8	-1652.6
5701	9.8	203955.5	-1611.7								
5702	7.3	203958.3	-1652.4								
5703	10.	204027.2	-1637.4								
5704	9.8	204058.4	-1638.1								
5705	9.8	204101.5	-1606.4								
5706	9.5	204113.4	-1629.4								
5707	9.6	204141.3	-1644.1								
5708	9.7	204153.0	-1608.4								
5709	7.5	204228.5	-1602.8								
5710	9.7	204245.6	-1625.4								
5711	8.2	204256.9	-1656.8								
5712	9.5	204320.6	-1616.4								
5713	9.8	204325.5	-1605.5								
5714	9.8	204405.2	-1612.2								
5715	9.7	204406.9	-1632.3								
5716	9.4	204430.4	-1621.4								
5717	9.5	204432.5	-1659.2								
5718	8.0	204440.8	-1642.6								
5719	9.0	204453.5	-1625.0								
5720	9.8	204520.9	-1635.0								
5721	9.2	204621.0	-1602.7								
5722	9.2	204636.8	-1605.1								
5723	9.5	204646.9	-1635.6								
5724	9.1	204700.3	-1651.4								
5725	9.1	204701.7	-1640.5								
5726	9.5	204706.3	-1608.1								
5727	9.4	204706.4	-1652.7								
5728	9.1	204716.9	-1635.6								
5729	9.8	204718.0	-1608.5								
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5731	10.	204808.8	-1656.3								
5732	9.3	204815.1	-1600.8								
5733	9.1	204822.6	-1601.7								
5734	8.0	204839.5	-1624.2								
5735	9.5	204844.8	-1656.8								
5736	9.8	204857.3	-1612.1								
5737	9.6	204902.6	-1605.7								
5738	8.9	204903.8	-1616.1								
5739	8.5	204903.9	-1644.0								
5740	9.8	204923.2	-1613.6								
5741	5.8	204933.6	-1634.7								
5742	9.3	204951.6	-1631.5								
5743	9.8	204954.5	-1649.5								
5744	8.8	204956.8	-1659.5								
5745	9.7	205007.2	-1617.5								
5746	9.5	205021.6	-1602.1								
5747	9.3	205034.1	-1632.5								
5748	9.8	205034.8	-1655.9								
5749	9.1	205037.5	-1658.2								
5750	9.8	205039.6	-1644.7								
5751	9.4	205044.0	-1650.1								
5752	10.	205047.1	-1631.7								
5753	8.5	205049.9	-1616.1								
5754	8.7	205050.9	-1610.9								
5755	10.	205055.0	-1645.0								
5756	10.	205055.6	-1629.4								
5757	9.8	205057.4	-1619.2								
5758	9.1	205212.6	-1628.4								
5759	8.5	205218.4	-1618.7								
5760	9.8	205219.6	-1629.0								
5761	9.2	205221.3	-1655.4								
5762	9.4	205229.6	-1631.4								
5763	10.	205234.8	-1658.1								
5764	8.3	205240.7	-1623.8								
5765	9.4	205245.6	-1632.3								
5766	10.	205257.8	-1620.5								
5767	9.7	205327.6	-1612.7								
5768	10.	205410.2	-1628.6								
5769	7.2	205430.7	-1602.2								
5770	9.1	205434.6	-1623.2								
5771	9.2	205441.1	-1656.7								
5772	9.3	205455.2	-1607.2								
5773	10.	205510.6	-1612.8								
5774	9.5	205532.6	-1637.4								
5775	10.	205557.1	-1647.4								
5776	10.	205559.7	-1650.0								
5777	10.	205607.2	-1643.4								
5778	8.3	205615.1	-1659.9								
5779	8.7	205616.7	-1621.8								
5780	8.6	205627.3	-1612.5								
5781	9.1	205645.0	-1620.2								
5782	9.4	205650.9	-1605.3								
5783	9.5	205653.1	-1628.4								
5784	9.8	205655.3	-1611.2								
5785	9.0	205659.1	-1647.6								
5786	9.4	205659.1	-1617.0								
5787	9.8	205702.1	-1633.9								
5788	9.6	205730.7	-1652.1								
5789	9.4	205745.2	-1644.0								
5790	9.8	205813.3	-1627.1								

-16 5791 20h58m

5791	9.3	205830.7	-1639.0	5881	8.5	212425.5	-1620.8	5971	9.0	214741.4	-1611.5
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5800	7.7	205954.1	-1612.4	5890	9.0	212717.9	-1607.2	5980	9.9	214915.2	-1657.2
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5803	9.4	210044.7	-1655.9	5893	9.8	212814.2	-1605.4	5983	9.4	215005.9	-1643.5
5804	8.5	210105.8	-1644.5	5894	9.8	212828.0	-1619.0	5984	9.8	215023.9	-1625.7
5805	10.	210108.0	-1639.7	5895	8.6	212858.7	-1602.4	5985	9.8	215038.5	-1636.4
5806	9.9	210109.3	-1618.8	5896	9.5	212903.5	-1622.8	5986	10.	215103.8	-1643.3
5807	10.	210115.3	-1619.1	5897	10.	212909.0	-1619.5	5987	8.9	215120.2	-1620.3
5808	9.4	210125.8	-1615.3	5898	9.5	212925.6	-1657.0	5988	9.3	215131.7	-1658.5
5809	9.5	210136.3	-1642.3	5899	8.8	212928.3	-1657.1	5989	9.6	215153.8	-1612.6
5810	7.2	210205.4	-1617.2	5900	9.9	212940.5	-1633.6	5990	10.	215204.9	-1629.2
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5814	9.0	210307.3	-1604.9	5904	10.	213058.0	-1653.9	5994	9.1	215321.4	-1654.3
5815	9.0	210309.2	-1658.9	5905	8.3	213101.8	-1605.8	5995	9.1	215325.5	-1606.6
5816	8.5	210318.8	-1637.0	5906	9.5	213113.7	-1645.5	5996	9.8	215427.4	-1656.8
5817	9.5	210357.1	-1618.5	5907	9.9	213122.9	-1631.4	5997	9.2	215330.3	-1616.1
5818	9.7	210406.9	-1644.4	5908	10.	213147.1	-1659.1	5998	7.0	215338.3	-1618.2
5819	9.8	210426.9	-1607.2	5909	9.2	213149.3	-1639.6	5999	9.8	215343.9	-1632.3
5820	10.	210427.9	-1601.4	5910	9.5	213152.9	-1608.5	6000	9.6	215353.5	-1610.4
5821	8.5	210437.4	-1626.5	5911	9.3	213214.3	-1610.5	6001	8.5	215359.7	-1605.3
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5823	9.5	210655.2	-1623.5	5913	9.2	213229.3	-1606.7	6003	8.8	215432.0	-1652.8
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5825	9.5	210719.8	-1658.3	5915	10.	213258.8	-1616.7	6005	9.0	215526.4	-1652.2
5826	8.8	210723.0	-1634.7	5916	9.8	213311.7	-1646.1	6006	9.8	215533.6	-1612.4
5827	8.3	210731.4	-1641.3	5917	9.4	213332.7	-1616.6	6007	9.5	215534.3	-1638.8
5828	9.6	210818.4	-1627.7	5918	9.8	213343.8	-1633.7	6008	9.9	215538.2	-1612.9
5829	10.	210831.5	-1649.9	5919	10.	213359.3	-1625.7	6009	8.5	215551.0	-1636.5
5830	9.8	210852.3	-1651.2	5920	9.7	213404.5	-1611.8	6010	10.	215613.0	-1602.0
5831	9.3	210911.4	-1634.4	5921	9.5	213412.9	-1606.5	6011	9.6	215613.0	-1600.4
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5833	7.8	210948.4	-1629.8	5923	9.7	213417.5	-1658.7	6013	9.3	215654.6	-1629.8
5834	9.5	211029.9	-1647.6	5924	8.0	213435.4	-1625.0	6014	9.8	215659.1	-1614.4
5835	9.6	211038.6	-1605.5	5925	10.	213452.7	-1629.8	6015	9.5	215717.0	-1616.5
5836	9.5	211039.	-1650.7	5926	9.7	213502.9	-1617.1	6016	9.8	215738.7	-1601.7
5837	9.3	211043.	-1604.3	5927	10.	213518.8	-1650.4	6017	9.5	215739.3	-1633.0
5838	9.8	211050.	-1655.6	5928	10.	213545.6	-1637.3	6018	9.5	215755.2	-1619.8
5839	9.8	211055.	-1637.3	5929	10.	213601.0	-1629.4	6019	8.3	215805.6	-1641.9
5840	6.8	211111.	-1647.1	5930	9.5	213607.5	-1648.0	6020	9.8	215850.3	-1652.0
5841	9.5	211120.0	-1633.0	5931	10.	213619.6	-1645.9	6021	9.4	215852.6	-1620.9
5842	9.8	211132.2	-1645.4	5932	9.1	213620.4	-1642.8	6022	9.6	215855.3	-1656.9
5843	9.0	211146.6	-1601.3	5933	8.3	213620.9	-1638.1	6023	9.8	215903.6	-1638.3
5844	9.1	211208.2	-1628.9	5934	9.8	213628.8	-1646.8	6024	10.	215912.1	-1646.0
5845	9.5	211219.1	-1658.2	5935	9.9	213631.8	-1646.4	6025	10.	215914.8	-1606.2
5846	10.	211222.7	-1649.9	5936	8.8	213648.0	-1601.8	6026	9.7	215945.3	-1657.3
5847	10.	211318.5	-1659.4	5937	9.9	213659.8	-1654.0	6027	8.5	215958.7	-1642.4
5848	9.9	211320.0	-1651.0	5938	8.9	213707.5	-1615.6	6028	10.	220002.8	-1618.2
5849	8.3	211345.5	-1635.0	5939	9.9	213742.5	-1625.2	6029	9.5	220044.1	-1659.1
5850	7.5	211346.7	-1652.6	5940	9.3	213747.5	-1602.9	6030	9.1	220052.7	-1627.8
5851	9.4	211353.0	-1619.4	5941	9.8	213810.1	-1636.8	6031	9.9	220102.7	-1608.3
5852	9.0	211402.1	-1619.6	5942	8.5	213820.0	-1639.0	6032	9.6	220213.1	-1657.0
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5857	9.5	211627.8	-1615.0	5947	9.1	214053.5	-1653.6	6037	9.0	220305.2	-1655.2
5858	9.4	211651.4	-1608.2	5948	9.5	214100.3	-1646.1	6038	10.	220319.5	-1650.9
5859	9.0	211654.6	-1636.1	5949	9.5	214110.5	-1648.6	6039	9.1	220413.9	-1611.9
5860	9.3	211718.0	-1651.3	5950	9.8	214152.6	-1628.9	6040	9.0	220444.3	-1601.1
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5864	9.4	211904.9	-1636.5	5954	9.5	214246.9	-1607.9	6044	8.5	220616.3	-1653.9
5865	9.2	211942.9	-1608.8	5955	9.6	214247.2	-1601.8	6045	9.0	220640.3	-1617.2
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5870	10.	212049.5	-1623.4	5960	10.	214431.4	-1651.0	6050	9.0	220813.0	-1642.0
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5874	9.8	212201.0	-1655.1	5964	9.1	214530.3	-1655.3	6054	9.8	220912.3	-1608.0
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5876	8.4	212215.8	-1656.6	5966	9.1	214549.0	-1623.6	6056	8.5	220930.5	-1645.7
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5880	10.	212411.6	-1606.0	5970	9.4	214651.3	-1636.1	6060	9.0	221039.1	-1623.0

-16 6150 22h38m

6061	9.3	221113.4	-1612.0								
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6063	8.8	221150.2	-1615.3								
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6075	8.3	221544.2	-1642.0								
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6077	8.8	221629.3	-1609.2								
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6093	9.8	222211.8	-1641.0								
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6105	9.3	222642.4	-1633.4								
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6135	8.7	223410.2	-1624.2								
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6151	9.8	223843.5	-1605.4	6241	10.	230621.1	-1649.6	6331	10.	233238.4	-1625.4
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6155	9.0	224022.4	-1629.9	6245	10.	230749.3	-1622.5	6335	9.5	233351.0	-1617.8
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6158	9.0	224125.4	-1627.0	6248	10.	230833.2	-1636.6	6338	9.5	233416.7	-1618.1
6159	9.9	224144.5	-1640.0	6249	9.3	230835.2	-1652.2	6339	9.5	233422.5	-1649.3
6160	10.	224242.0	-1645.4	6250	8.3	230901.8	-1621.4	6340	9.1	233426.5	-1655.5
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6164	9.8	224429.4	-1602.0	6254	6.5	230951.2	-1657.5	6344	9.1	233445.0	-1650.5
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6166	9.5	224452.7	-1602.8	6256	10.	231058.7	-1605.7	6346	9.4	233512.6	-1654.8
6167	9.0	224452.7	-1604.6	6257	9.1	231148.3	-1600.5	6347	9.4	233517.1	-1615.0
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6169	9.4	224514.0	-1612.1	6259	7.0	231203.9	-1634.2	6349	9.5	233546.3	-1651.4
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6172	8.9	224643.4	-1609.3	6262	9.3	231242.0	-1619.7	6352	30.0	233618.7	-1605.2
6173	3.0	224656.3	-1635.1	6263	9.8	231252.4	-1638.4	6353	8.7	233630.6	-1628.0
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6175	10.	224749.5	-1615.2	6265	9.0	231328.7	-1600.2	6355	9.7	233728.8	-1612.5
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6177	8.5	224802.3	-1616.2	6267	10.	231401.5	-1649.1	6357	9.5	233820.7	-1641.4
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6198	9.8	225601.9	-1619.3	6288	10.	231902.3	-1605.1	6378	9.0	234410.0	-1610.4
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6202	9.0	225650.0	-1601.9	6292	9.4	232015.2	-1633.5	6382	9.4	234559.3	-1607.2
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6212	10.	225932.4	-1627.9	6302	9.8	232319.2	-1632.7	6392	9.4	235029.8	-1623.2
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6218	10.	230041.1	-1611.1	6308	9.5	232439.6	-1651.0	6398	9.7	235220.5	-1615.0
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6220	9.2	230139.8	-1600.0	6310	9.0	232517.7	-1623.5	6400	9.8	235304.4	-1625.7
6221	9.8	230204.2	-1619.0	6311	9.9	232554.1	-1640.8	6401	9.4	235305.4	-1610.4
6222	9.5	230224.1	-1609.7	6312	10.	232622.2	-1630.2	6402	10.	235337.0	-1627.2
6223	9.2	230225.2	-1631.6	6313	9.6	232713.2	-1649.4	6403	9.8	235407.0	-1623.9
6224	8.5	230225.4	-1658.3	6314	6.0	232715.8	-1602.5	6404	9.5	235428.7	-1653.4
6225	8.9	230232.1	-1656.5	6315	9.6	232737.7	-1611.9	6405	9.3	235439.8	-1657.2
6226	10.	230241.2	-1624.6	6316	9.5	232803.2	-1633.2	6406	9.3	235504.1	-1632.4
6227	9.1	230244.7	-1624.1	6317	7.0	232809.4	-1605.7	6407	8.8	235508.3	-1638.7
6228	9.1	230253.5	-1631.1	6318	10.	232812.3	-1623.9	6408	9.5	235546.6	-1624.0
6229	9.8	230306.5	-1609.3	6319	9.8	232830.2	-1610.1	6409	9.7	235631.9	-1602.8
6230	10.	230327.5	-1651.2	6320	9.4	232847.4	-1627.5	6410	8.8	235653.7	-1637.9
6231	8.9	230331.5	-1647.0	6321	10.	232850.6	-1616.6	6411	8.5	235711.2	-1642.2
6232	9.2	230357.9	-1602.9	6322	10.	232850.8	-1628.0	6412	9.3	235714.0	-1602.8
6233	10.	230359.0	-1635.6	6323	9.0	232908.3	-1651.0	6413	9.3	235730.7	-1630.3
6234	9.6	230400.8	-1641.9	6324	8.0	233005.4	-1600.9	6414	10.	235755.2	-1626.5
6235	9.1	230406.9	-1610.4	6325	9.6	233025.1	-1615.2	6415	8.2	235818.8	-1610.4
6236	8.7	230407.8	-1656.9	6326	9.2	233053.9	-1648.7	6416	9.7	235834.2	-1626.7
6237	9.1	230421.0	-1627.5	6327	9.5	233121.5	-1607.2	6417	9.6	235853.7	-1633.2
6238	8.7	230438.1	-1638.4	6328	9.8	233134.9	-1635.4	6418	9.5	235909.8	-1641.6
6239	9.3	230534.3	-1615.9	6329	9.4	233206.0	-1600.0	6419	8.0	235942.3	-1639.0
6240	9.1	230607.6	-1659.1	6330	9.3	233235.6	-1608.0	1	9.3	00007.7	-1731.2
2	9.5	00020.9	-1724.5	12	9.8	00423.0	-1742.3	22	9.0	00721.6	-1757.6
3	9.4	00025.1	-1754.1	13	10.	00423.7	-1736.6	23	8.8	00742.9	-1701.8
4	9.5	00032.8	-1731.0	14	8.7	00437.9	-1737.1	24	7.5	00753.3	-1733.4
5	9.2	00050.9	-1755.7	15	9.8	00459.2	-1741.0	25	9.6	00821.3	-1737.0
6	9.8	00058.2	-1709.9	16	8.9	00549.1	-1758.2	26	9.7	00826.7	-1725.8
7	9.3	00154.5	-1731.1	17	8.0	00550.8	-1759.4	27	10.	00858.7	-1757.1
8	9.2	00200.4	-1712.8	18	9.3	00618.7	-1730.9	28	10.	00900.9	-1701.0
9	9.5	00251.3	-1753.4	19	9.5	00642.5	-1709.6	29	9.4	00908.7	-1714.2
10	8.9	00255.6	-1735.4	20	8.5	00707.2	-1728.7	30	9.7	00917.3	-1700.1
11	10.	00358.1	-1740.2	21	9.2	00719.1	-1746.0	31	9.2	00932.2	-1723.7
								32	9.4	00954.0	-1727.6
								33	10.	01040.0	-1701.0
								34	9.8	01102.3	-1715.1
								35	8.5	01119.3	-1750.3
								36	9.4	01123.9	-1728.8
								37	9.8	01146.3	-1712.9
								38	9.0	01242.2	-1704.1
								39	9.5	01325.5	-1723.0
								40	10.	01351.5	-1719.7
								41	9.5	01353.2	-1722.1
								42	8.0	01414.9	-1700.5
								43	9.0	01510.9	-1755.1
								44	9.5	01515.5	-1715.0
								45	8.0	01525.0	-1722.1
								46	8.5	01534.1	-1728.6
								47	9.1	01535.9	-1708.9
								48	9.2	01547.7	-1738.8
								49	9.5	01547.7	-1754.7
								50	8.6	01627.6	-1715.0
								51	9.0	01629.6	-1722.1
								52	9.1	01647.2	-1747.7
								53	9.0	01650.7	-1737.9
								54	8.6	01651.7	-1734.5
								55	9.0	01709.1	-1701.7
								56	9.4	01718.6	-1714.7
								57	9.0	01839.3	-1700.1
								58	9.3	01926.0	-1737.4
								59	9.5	01937.0	-1751.7
								60	9.1	01958.4	-1741.6
								61	7.3	02018.7	-1712.3
								62	9.0	02029.1	-1745.1
								63	9.0	02117.6	-1700.9
								64	9.8	02118.4	-1740.6
								65	9.5	02131.2	-1721.5
								66	9.5	02150.5	-1737.7
								67	9.4	02154.5	-1738.7
								68	9.8	02218.2	-1710.4
								69	9.4	02238.1	-1709.4
								70	8.1	02358.1	-1735.5
								71	9.1	02510.9	-1733.0
								72	9.7	02524.3	-1747.6
								73	9.4	02549.3	-1743.9
								74	10.	02607.0	-1716.3
								75	9.1	02619.4	-1743.5
								76	9.3	02624.1	-1728.4
								77	9.0	02639.1	-1726.1
								78	9.0	02650.2	-1731.1
								79	9.2	02652.0	-1738.5
								80	9.8	02652.4	-1708.5
								81	9.0	02718.6	-1754.8
								82	9.8	02747.3	-1717.0
								83	9.8	02747.3	-1712.7
								84	9.8	02758.7	-1702.4
								85	8.2	02833.6	-1721.9
								86	9.0	02834.8	-1727.7
								87	9.1	02848.7	-1726.4
								88	9.8	02856.3	-1739.2
								89	9.2	02858.2	-1758.7
								90	8.8	02909.1	-1702.9
								91	9.4	02935.0	-1706.1

-17 92 0h30m

-17 451 2h14m

92	10.	03011.2	-1752.7	182	9.8	05449.8	-1745.2	272	9.1	12358.7	-1722.7
93	9.2	03027.3	-1744.1	183	10.	05514.1	-1739.4	273	8.8	12428.6	-1715.3
94	9.2	03033.4	-1739.5	184	10.	05541.8	-1702.2	274	8.0	12429.8	-1731.0
95	8.0	03036.3	-1728.2	185	10.	05545.0	-1729.5	275	9.8	12441.6	-1748.5
96	9.7	03037.5	-1749.1	186	9.8	05613.6	-1745.6	276	9.5	12446.5	-1710.2
97	9.4	03038.8	-1724.8	187	9.0	05622.9	-1721.5	277	9.0	12506.4	-1736.3
98	7.8	03054.8	-1702.1	188	9.1	05638.5	-1758.7	278	9.4	12518.5	-1710.9
99	9.6	03100.6	-1713.5	189	9.4	05700.0	-1726.2	279	9.6	12527.4	-1702.8
100	9.8	03109.2	-1739.2	190	9.1	05830.1	-1722.5	280	8.6	12545.5	-1708.2
101	9.7	03112.7	-1752.6	191	9.7	05848.7	-1733.2	281	9.7	12601.3	-1746.4
102	9.8	03119.8	-1755.3	192	9.5	05914.2	-1730.3	282	9.7	12604.3	-1750.6
103	8.5	03134.9	-1732.5	193	10.	05916.1	-1754.6	283	9.9	12728.0	-1759.0
104	9.7	03137.7	-1751.6	194	9.8	05936.0	-1736.3	284	8.9	12825.1	-1732.4
105	10.	03144.3	-1753.8	195	8.8	10032.0	-1715.9	285	9.8	12843.7	-1707.1
106	8.5	03230.2	-1707.2	196	9.3	10102.1	-1720.5	286	9.7	12849.8	-1720.9
107	9.5	03243.1	-1752.0	197	9.4	10104.4	-1711.7	287	9.8	12854.1	-1732.3
108	9.2	03310.8	-1717.0	198	8.3	10130.6	-1750.1	288	9.2	12907.8	-1717.5
109	6.5	03312.0	-1718.6	199	10.	10229.5	-1736.9	289	9.7	12908.0	-1758.2
110	9.4	03316.3	-1727.7	200	9.9	10231.5	-1739.8	290	9.3	12937.2	-1708.9
111	9.4	03344.1	-1710.4	201	9.8	10233.4	-1754.5	291	9.8	12952.9	-1741.5
112	9.4	03422.3	-1707.5	202	9.5	10311.2	-1744.2	292	9.1	13008.9	-1700.4
113	9.1	03425.0	-1710.3	203	9.8	10315.3	-1731.0	293	9.8	13103.5	-1741.4
114	9.5	03451.7	-1745.8	204	7.2	10315.4	-1704.8	294	9.7	13130.7	-1735.8
115	9.8	03518.6	-1701.9	205	9.8	10318.8	-1700.8	295	9.9	13147.4	-1715.0
116	8.3	03520.2	-1730.4	206	8.6	10331.8	-1756.0	296	9.8	13214.0	-1745.9
117	9.3	03528.2	-1742.7	207	9.5	10347.7	-1722.4	297	9.1	13218.3	-1759.1
118	9.5	03541.6	-1720.2	208	9.5	10438.9	-1708.9	298	9.9	13243.8	-1750.5
119	9.5	03613.5	-1758.5	209	9.8	10453.8	-1725.0	299	9.5	13314.4	-1750.6
120	8.8	03632.3	-1706.6	210	9.3	10531.8	-1721.4	300	8.0	13314.6	-1743.3
121	10.	03702.6	-1752.7	211	9.3	10554.0	-1727.4	301	7.5	13332.7	-1701.3
122	9.5	03707.5	-1753.8	212	9.2	10605.3	-1741.7	302	10.	13334.2	-1750.0
123	9.4	03707.7	-1725.5	213	9.8	10637.5	-1702.5	303	8.8	13440.7	-1745.1
124	9.8	03708.3	-1715.7	214	10.	10640.6	-1741.3	304	8.5	13459.3	-1754.3
125	9.9	03715.2	-1714.7	215	9.8	10640.7	-1722.2	305	9.4	13552.6	-1719.2
126	10.	03717.1	-1735.1	216	9.8	10641.2	-1708.4	306	9.1	13611.8	-1733.7
127	10.	03722.1	-1737.4	217	10.	10646.1	-1738.1	307	9.7	13651.3	-1712.6
128	9.5	03733.4	-1748.6	218	9.3	10655.7	-1739.7	308	9.2	13704.2	-1748.5
129	9.3	03733.8	-1736.2	219	9.5	10657.7	-1711.5	309	8.2	13737.7	-1733.8
130	10.	03802.5	-1701.9	220	9.6	10713.0	-1729.8	310	9.0	13819.6	-1712.7
131	9.1	03805.6	-1729.5	221	9.3	10719.6	-1737.9	311	9.3	13822.5	-1710.3
132	6.5	03825.9	-1712.9	222	9.3	10726.0	-1752.4	312	9.3	13833.2	-1753.7
133	9.4	03837.7	-1734.4	223	10.	10740.6	-1700.2	313	9.4	13905.1	-1759.8
134	7.8	03843.9	-1726.4	224	9.8	10759.5	-1751.0	314	9.5	13919.1	-1707.6
135	9.8	03913.8	-1728.5	225	9.4	10902.3	-1758.8	315	9.2	13927.2	-1701.8
136	9.5	03914.7	-1749.0	226	8.5	10923.1	-1723.1	316	9.2	13933.9	-1721.9
137	9.4	03922.5	-1700.0	227	8.7	10937.1	-1728.2	317	9.5	14032.6	-1737.9
138	10.	03930.1	-1721.7	228	9.5	10941.4	-1756.2	318	9.1	14034.5	-1733.0
139	9.1	04048.8	-1727.2	229	7.5	10953.5	-1751.0	319	8.0	14039.0	-1756.3
140	9.5	04059.4	-1746.1	230	9.4	11013.1	-1702.2	320	9.4	14046.1	-1732.4
141	9.0	04147.1	-1710.9	231	9.0	11031.4	-1712.3	321	10.	14114.7	-1734.6
142	9.2	04154.6	-1710.5	232	8.2	11243.5	-1747.6	322	9.0	14146.7	-1737.9
143	9.1	04244.2	-1738.9	233	9.9	11255.3	-1728.5	323	10.	14153.8	-1711.6
144	9.4	04253.5	-1747.1	234	8.9	11257.9	-1736.8	324	9.0	14217.5	-1722.9
145	9.8	04329.4	-1731.9	235	10.	11316.0	-1708.0	325	10.	14236.3	-1713.8
146	9.6	04411.0	-1758.9	236	9.2	11317.5	-1737.2	326	10.	14251.2	-1733.7
147	10.	04412.9	-1724.5	237	9.8	11351.6	-1721.0	327	8.9	14253.6	-1729.7
148	9.7	04413.5	-1708.0	238	9.2	11418.8	-1730.5	328	9.9	14327.4	-1723.1
149	9.0	04422.9	-1752.1	239	9.1	11426.1	-1714.7	329	9.5	14351.8	-1736.2
150	9.0	04433.9	-1751.9	240	10.	11433.4	-1729.8	330	8.2	14428.9	-1727.4
151	10.	04510.0	-1758.4	241	9.9	11455.3	-1737.0	331	8.8	14432.1	-1742.4
152	9.2	04550.8	-1713.8	242	9.8	11504.9	-1751.5	332	8.7	14440.0	-1701.3
153	9.3	04634.2	-1732.8	243	10.	11515.7	-1755.5	333	9.8	14517.2	-1731.1
154	9.2	04636.9	-1717.1	244	9.3	11536.0	-1703.6	334	9.4	14535.3	-1737.0
155	9.3	04637.7	-1719.2	245	10.	11547.2	-1749.2	335	9.5	14539.7	-1752.1
156	10.	04649.8	-1748.9	246	9.5	11548.6	-1708.6	336	6.2	14554.0	-1738.3
157	8.5	04657.4	-1713.3	247	7.5	11556.5	-1714.4	337	9.5	14554.9	-1703.1
158	10.	04747.1	-1737.4	248	7.0	11556.5	-1719.4	338	8.0	14602.6	-1712.0
159	8.0	04800.4	-1745.3	249	9.3	11635.8	-1717.0	339	9.7	14603.6	-1729.6
160	10.	04809.9	-1706.4	250	9.6	11711.6	-1732.4	340	8.2	14609.6	-1727.1
161	10.	04818.9	-1704.3	251	9.8	11719.5	-1715.5	341	9.3	14620.2	-1700.1
162	9.9	04823.6	-1757.3	252	9.1	11726.7	-1700.1	342	9.0	14708.4	-1745.6
163	8.9	04837.2	-1709.1	253	8.9	11732.7	-1712.1	343	9.7	14804.2	-1751.3
164	9.8	04858.7	-1731.5	254	9.6	11746.3	-1755.5	344	9.5	14817.3	-1711.3
165	10.	04919.1	-1727.1	255	9.1	11805.6	-1737.5	345	9.9	14837.1	-1723.1
166	9.0	04944.6	-1751.7	256	10.	11806.5	-1728.6	346	9.8	14850.0	-1741.6
167	9.2	04954.8	-1735.9	257	9.8	11806.9	-1706.3	347	9.3	14851.9	-1705.8
168	9.8	05006.0	-1742.1	258	8.8	11808.0	-1739.9	348	8.8	14853.1	-1750.7
169	9.6	05112.4	-1735.1	259	10.	11850.1	-1733.3	349	8.5	14856.9	-1755.5
170	9.1	05115.2	-1735.0	260	9.3	11907.9	-1745.6	350	9.8	14900.2	-1727.7
171	10.	05138.2	-1754.1	261	8.9	11921.4	-1717.0	351	8.5	14903.4	-1740.2
172	9.6	05215.3	-1701.1	262	10.	12019.2	-1758.7	352	9.2	14910.3	-1733.6
173	8.2	05254.8	-1725.9	263	9.0	12033.5	-1749.7	353	10.	14926.5	-1711.4
174	9.8	05311.7	-1745.2	264	10.	12039.7	-1742.4	354	9.2	14940.1	-1701.1
175	8.4	05320.8	-1751.3	265	9.4	12040.2	-1702.1	355	10.	15003.6	-1712.4
176	9.0	05324.3	-1752.1	266	9.2	12128.5	-1750.5	356	10.	15006.7	-1702.3
177	8.5	05409.2	-1704.3	267	10.	12135.5	-1747.1	357	7.5	15016.5	-1707.9
178	9.2	05421.4	-1750.3	268	9.7	12156.2	-1757.2	358	9.9	15025.7	-1721.5
179	9.2	05424.8	-1718.3	269	9.1	12209.3	-1759.0	359	9.5	15043.1	-1719.3
180	6.8	05426.1	-1702.0	270	10.	12318.8	-1755.6	360	10.	15048.2	-1757.0
181	9.5	05448.5	-1729.8	271	9.1	12331.6	-1723.5	361	9.7	15048.3	-1704.3
362	9.5	15118.4	-1713.1								
363	9.8	15145.6	-1714.6								
364	9.5	15257.3	-1718.5								
365	9.5	15314.5	-1738.5								
366	8.7	15319.2	-1703.2								
367	9.5	15351.9	-1730.6								
368	9.5	15359.6	-1753.3								
369	10.	15402.0	-1713.9								
370	9.2	15449.1	-1739.1								
371	7.3	15500.6	-1716.1								
372	9.5	15502.0	-1757.0								
373	9.1	15514.8	-1716.6								
374	9.5	15515.0	-1758.3								
375	9.2	15516.0	-1702.2								
376	9.2	15536.3	-1703.7								
377	9.8	15557.6	-1735.5								
378	9.4	15600.3	-1701.1								
379	9.8	15624.5	-1718.8								
380	9.5	15625.9	-1752.0								
381	7.7	15628.9	-1743.8								
382	9.8	15703.8	-1707.7								
383	8.8	15744.9	-1705.0								
384	7.3	15751.7	-1759.0								
385	9.7	15757.6	-1747.2								
386	10.	15818.2	-1702.4								
387	9.6	15832.1	-1753.1								
388	9.5	15921.0	-1747.9								
389	9.4	20001.5	-1712.9								
390	9.5	20021.2	-1757.2								
391	8.8	20039.5	-1700.3								
392	9.5	20045.9	-1741.7								
393	9.1	20100.3	-1740.4								
394	8.5	20103.5	-1731.7								
395	9.8	20106.6	-1703.9								
396	8.8	20115.3	-1709.3								
397	9.3	20129.4	-1739.5								
398	9.3	20131.4	-1744.8								
399	8.3	20207.6	-1720.2								
400	9.8	20210.4	-1701.9								
401	9.7	20220.9	-1738.6								
402	7.8	20236.4	-1739.9								
403	10.	20320.3	-1712.2								
404	8.5	20320.8	-1753.1								
405	9.0	20323.7	-1724.3								
406	9.6	20344.4	-1700.9								
407	8.7	20415.9	-1735.4								
408	9.8	20419.8	-1755.3								
409	9.6	20431.3	-1743.6								
410	9.7	20441.5	-1702.1								
411	9.8	20458.2	-1722.0								
412	9.5	20510.9	-1722.8								
413	9.0	20515.2	-1704.5								
414	9.5	20535.8	-1751.3								
415	8.5	20536.2	-1704.5								
416	9.5	20603.0	-1758.5								
417	10.	20630.9	-1724.7								
418	9.6	20637.6	-1708.1								
419	8.3	20703.5	-1714.4								
420	9.5	20707.4	-1753.7								
421	9.9	20707.4	-1721.5								
422	8.0	20710.5	-1753.9								
423	9.5	20722.4	-1721.1								
424	10.	20734.9	-1718.4								
425	9.8	20747.4	-1736.7								
426	9.5	20757.7	-1726.2								
427	9.6	20810.5	-1756.4								
428	9.9	20810.8	-1730.5								
429	8.6	20819.5	-1702.7								
430	9.3	20824.5	-1705.5								
431	9.8	20827.1	-1741.5								
432	9.6	20842.9	-1711.9								
433	8.3	20907.4	-1717.2								
434	9.8	20926.0	-1751.9								
435	10.	21023.5	-1748.9								
436	10.	21026.9	-1742.2								
437	9.7	21031.6	-1754.9								
438	9.6	21052.1	-1722.3								
439	9.4	21052.7	-1747.6								
440	8.7	21053.1	-1700.1								
441	9.0	21055.6	-1731.9								
442	8.5	21107.4	-1728.1								
443	8.5	21208.1	-1723.0								
444	9.7	21220.2	-1729.7								
445	10.	21231.2	-1733.0								
446	9.4	21243.7	-1707.6								
447	9.1	21257.1	-1700.5								
448	10.	21309.9	-1706.4								
449	9.5	21346.2	-1753.8								
450	9.8	21347.8	-1715.1								
451	9.7	21418.8	-1757.1								

452	8.7	21421.0 -1746.7	542	8.9	24235.5 -1725.5	632	10.	30924.2 -1705.4	722	9.5	33858.4 -1718.2
453	9.0	21443.7 -1703.2	543	8.5	24235.8 -1745.6	633	9.4	30934.4 -1701.1	723	8.0	33902.2 -1736.1
454	9.7	21446.3 -1733.8	544	8.8	24240.8 -1705.5	634	9.3	30936.4 -1710.1	724	8.6	33920.3 -1712.5
455	8.8	21450.9 -1737.4	545	9.0	24247.3 -1717.3	635	9.6	30943.3 -1755.4	725	9.4	34002.3 -1741.5
456	9.4	21452.3 -1700.6	546	9.7	24250.7 -1713.6	636	9.5	30959.4 -1750.2	726	9.5	34005.0 -1715.9
457	7.5	21526.0 -1709.8	547	8.0	24257.8 -1753.5	637	9.4	31036.9 -1711.2	727	9.0	34005.7 -1758.2
458	9.8	21534.3 -1740.0	548	9.4	24358.6 -1715.7	638	10.	31040.4 -1754.4	728	9.4	34031.4 -1759.7
459	10.	21535.5 -1735.5	549	10.	24407.9 -1758.1	639	9.4	31103.7 -1731.9	729	9.4	34051.6 -1736.9
460	9.6	21543.4 -1743.5	550	9.6	24439.7 -1739.2	640	9.1	31211.0 -1718.6	730	7.7	34056.4 -1758.4
461	9.6	21546.0 -1744.9	551	10.	24456.0 -1702.0	641	8.0	31243.0 -1757.2	731	9.8	34116.3 -1713.7
462	9.6	21610.5 -1713.5	552	9.8	24500.7 -1748.7	642	9.5	31251.7 -1745.8	732	9.0	34132.3 -1708.3
463	9.0	21622.6 -1705.7	553	9.8	24504.2 -1705.6	643	9.4	31311.3 -1717.1	733	9.3	34206.8 -1748.0
464	9.0	21720.3 -1753.5	554	7.3	24505.1 -1751.0	644	9.6	31313.1 -1759.7	734	8.9	34251.9 -1753.8
465	9.3	21736.7 -1703.4	555	10.	24518.5 -1728.5	645	10.	31322.4 -1740.8	735	8.9	34252.2 -1705.3
466	10.	21804.3 -1743.6	556	10.	24537.3 -1706.3	646	9.5	31326.1 -1744.7	736	9.2	34304.1 -1723.2
467	10.	21811.8 -1745.7	557	7.0	24600.9 -1712.5	647	9.6	31351.9 -1707.5	737	9.8	34305.5 -1740.7
468	9.1	21858.3 -1721.7	558	9.4	24620.4 -1715.9	648	8.9	31419.0 -1718.3	738	7.9	34333.4 -1713.4
469	9.8	21931.5 -1753.8	559	9.8	24635.2 -1705.4	649	9.8	31431.8 -1745.6	739	8.0	34335.2 -1705.1
470	8.6	21937.4 -1723.8	560	9.6	24644.5 -1751.3	650	10.	31457.8 -1742.5	740	9.4	34339.9 -1713.0
471	9.7	21948.4 -1751.9	561	9.2	24652.0 -1740.7	651	9.2	31505.8 -1702.2	741	9.4	34342.5 -1718.6
472	8.7	22001.6 -1749.0	562	9.6	24731.9 -1751.1	652	9.5	31516.4 -1707.0	742	8.7	34353.8 -1707.7
473	9.6	22012.6 -1716.1	563	8.6	24747.6 -1722.8	653	8.9	31610.7 -1721.7	743	10.	34457.7 -1740.1
474	9.5	22052.4 -1701.8	564	10.	24752.0 -1735.3	654	6.0	31639.9 -1757.1	744	7.2	34457.9 -1736.5
475	9.3	22153.6 -1747.6	565	9.2	24841.0 -1740.7	655	9.4	31707.0 -1705.0	745	9.0	34509.8 -1734.8
476	9.7	22213.1 -1715.8	566	10.	24849.4 -1714.4	656	9.8	31710.5 -1753.5	746	8.5	34543.1 -1758.1
477	8.5	22228.0 -1754.3	567	9.3	24908.7 -1703.5	657	8.8	31722.7 -1748.8	747	9.0	34555.7 -1721.4
478	9.5	22254.3 -1709.1	568	8.7	24912.8 -1733.6	658	9.5	31726.3 -1727.7	748	9.4	34616.4 -1708.4
479	9.7	22312.5 -1702.9	569	9.8	24936.3 -1731.1	659	9.4	31732.7 -1759.3	749	9.3	34617.1 -1731.5
480	8.0	22315.7 -1737.7	570	9.5	25010.1 -1714.9	660	10.	31753.6 -1713.6	750	10.	34633.0 -1727.3
481	8.8	22326.9 -1706.4	571	8.8	25024.7 -1712.2	661	9.4	31801.1 -1753.8	751	9.8	34720.2 -1723.5
482	9.2	22339.2 -1739.2	572	9.3	25025.2 -1730.4	662	9.5	31816.5 -1740.1	752	8.3	34811.5 -1747.5
483	10.	22427.5 -1728.6	573	9.2	25027.8 -1745.1	663	9.5	31843.0 -1705.1	753	10.	34812.8 -1729.5
484	9.4	22433.4 -1737.5	574	9.8	25039.9 -1743.7	664	9.1	31854.8 -1722.9	754	8.1	34813.3 -1754.2
485	9.3	22446.6 -1723.0	575	9.8	25050.2 -1722.3	665	9.2	31911.5 -1706.4	755	7.5	34813.7 -1726.5
486	9.4	22459.7 -1750.7	576	9.2	25112.2 -1747.0	666	8.6	32000.7 -1748.0	756	8.9	34851.6 -1717.0
487	9.3	22511.0 -1706.5	577	9.6	25158.2 -1737.5	667	9.0	32014.8 -1722.4	757	9.5	34928.1 -1712.5
488	9.8	22544.2 -1755.5	578	9.3	25216.0 -1754.5	668	9.1	32050.2 -1704.7	758	9.9	34951.7 -1744.9
489	9.9	22545.5 -1723.7	579	9.1	25245.7 -1759.7	669	9.4	32142.8 -1758.7	759	9.7	35002.6 -1759.9
490	9.2	22547.2 -1729.9	580	8.0	25257.6 -1718.4	670	9.4	32210.7 -1758.6	760	8.7	35050.7 -1757.4
491	9.5	22547.8 -1722.1	581	9.1	25312.7 -1701.9	671	9.0	32211.8 -1759.2	761	9.2	35104.6 -1710.0
492	10.	22617.0 -1756.0	582	8.5	25313.1 -1716.7	672	9.4	32213.5 -1732.7	762	9.8	35107.2 -1717.1
493	10.	22634.0 -1739.0	583	10.	25342.7 -1714.7	673	9.7	32235.6 -1732.0	763	9.8	35115.4 -1728.9
494	9.0	22647.6 -1715.0	584	9.1	25359.1 -1755.0	674	9.1	32237.1 -1733.6	764	9.5	35127.1 -1737.8
495	9.6	22657.9 -1743.9	585	9.3	25428.4 -1747.4	675	9.5	32242.0 -1757.6	765	8.6	35140.7 -1747.8
496	10.	22734.2 -1740.8	586	9.1	25433.9 -1724.1	676	9.9	32247.0 -1741.4	766	9.0	35224.3 -1739.0
497	10.	22800.4 -1717.3	587	7.5	25437.4 -1748.4	677	8.0	32254.6 -1730.0	767	9.1	35258.8 -1714.9
498	7.2	22815.3 -1755.3	588	9.4	25509.6 -1709.7	678	8.5	32320.5 -1727.3	768	9.4	35302.5 -1731.9
499	9.8	22848.7 -1740.6	589	9.8	25556.2 -1751.0	679	9.7	32322.9 -1757.3	769	9.4	35307.3 -1748.2
500	9.4	22856.2 -1714.2	590	9.4	25628.7 -1729.3	680	9.9	32328.3 -1755.6	770	9.3	35308.6 -1759.8
501	9.0	22911.2 -1718.2	591	9.9	25646.3 -1731.0	681	9.1	32340.9 -1715.9	771	8.0	35314.9 -1712.2
502	7.9	22937.7 -1746.5	592	9.3	25646.7 -1740.9	682	9.7	32402.5 -1751.0	772	9.1	35325.5 -1703.8
503	8.9	22937.9 -1745.4	593	9.7	25703.4 -1744.7	683	7.5	32424.4 -1739.8	773	9.5	35341.6 -1701.2
504	9.5	22944.8 -1721.4	594	9.3	25745.7 -1710.7	684	8.9	32429.7 -1706.6	774	8.5	35401.9 -1724.6
505	8.6	23004.7 -1718.4	595	9.2	25750.1 -1743.3	685	7.0	32445.8 -1716.6	775	8.6	35413.8 -1731.0
506	9.1	23030.0 -1710.4	596	9.7	25840.0 -1725.9	686	9.3	32456.4 -1740.3	776	8.0	35428.5 -1746.7
507	8.5	23115.7 -1747.2	597	6.8	25847.8 -1710.2	687	9.6	32459.8 -1742.0	777	9.8	35523.5 -1747.9
508	9.8	23131.5 -1758.5	598	9.1	25902.0 -1724.8	688	9.6	32528.4 -1716.8	778	9.5	35529.0 -1726.0
509	9.1	23153.6 -1708.3	599	9.5	25938.2 -1735.0	689	8.7	32612.2 -1717.5	779	9.9	35530.4 -1739.0
510	9.7	23219.0 -1744.7	600	9.9	25939.3 -1702.0	690	9.2	32623.9 -1758.5	780	10.	35538.2 -1740.3
511	10.	23231.4 -1753.0	601	9.5	25945.3 -1750.7	691	9.7	32639.8 -1740.6	781	9.5	35559.6 -1759.0
512	9.9	23235.8 -1727.3	602	9.0	30030.7 -1704.7	692	8.8	32654.1 -1726.5	782	9.3	35615.1 -1708.3
513	9.8	23242.8 -1718.0	603	9.2	30112.4 -1754.5	693	9.8	32701.9 -1743.5	783	8.9	35622.3 -1719.9
514	9.3	23322.7 -1704.2	604	9.4	30130.0 -1703.2	694	9.8	32718.6 -1744.2	784	9.8	35630.9 -1721.0
515	9.3	23333.7 -1740.8	605	10.	30141.2 -1730.7	695	9.1	32903.3 -1705.4	785	9.4	35659.8 -1737.7
516	9.0	23351.1 -1759.8	606	9.5	30205.9 -1742.6	696	9.0	32915.6 -1742.1	786	9.4	35701.2 -1714.0
517	9.9	23401.0 -1754.3	607	10.	30227.3 -1732.1	697	8.3	32931.2 -1734.4	787	9.9	35713.1 -1718.0
518	10.	23429.6 -1736.5	608	9.5	30304.2 -1737.3	698	8.8	32935.5 -1747.8	788	9.2	35812.9 -1715.1
519	8.0	23439.5 -1724.4	609	9.3	30313.3 -1750.3	699	5.0	32941.0 -1756.6	789	9.1	35837.3 -1714.0
520	9.8	23522.6 -1737.5	610	9.8	30401.1 -1713.6	700	9.3	32941.0 -1714.7	790	9.5	35848.2 -1736.8
521	9.5	23531.3 -1744.2	611	8.8	30410.0 -1742.3	701	9.4	32957.9 -1744.2	791	9.7	35901.3 -1743.6
522	9.1	23546.5 -1722.0	612	8.8	30429.0 -1737.0	702	9.8	33042.4 -1703.4	792	10.	35921.2 -1736.7
523	9.3	23613.5 -1716.7	613	8.6	30431.8 -1759.2	703	10.	33043.2 -1708.7	793	9.0	40042.8 -1713.2
524	8.9	23618.1 -1733.0	614	8.0	30500.1 -1707.7	704	9.8	33121.9 -1739.3	794	9.3	40050.6 -1741.3
525	10.	23658.6 -1730.0	615	9.3	30544.7 -1709.8	705	9.6	33122.3 -1713.4	795	9.8	40101.4 -1747.2
526	9.6	23727.8 -1708.8	616	8.6	30554.2 -1719.6	706	9.5	33207.7 -1728.9	796	9.0	40105.1 -1725.1
527	9.9	23826.8 -1756.9	617	9.4	30555.9 -1722.5	707	6.8	33300.6 -1750.1	797	9.1	40140.9 -1704.5
528	9.6	23849.5 -1715.8	618	9.8	30606.1 -1747.0	708	10.	33307.1 -1720.4	798	10.	40141.0 -1702.9
529	9.0	23856.7 -1704.3	619	9.8	30619.9 -1728.7	709	8.8	33323.5 -1707.2	799	8.5	40147.9 -1738.5
530	10.	23857.2 -1737.7	620	9.5	30638.0 -1732.3	710	9.8	33336.7 -1756.0	800	9.8	40148.6 -1723.1
531	9.4	23858.3 -1758.0	621	9.7	30642.9 -1726.4	711	9.3	33421.0 -1700.4	801	7.7	40230.5 -1759.9
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533	10.	23942.8 -1736.1	623	8.5	30658.9 -1734.9	713	8.5	33514.0 -1731.1	803	9.3	40233.4 -1710.5
534	10.	23943.8 -1712.7	624	10.	30703.7 -1749.1	714	9.4	33522.5 -1706.9	804	9.2	40254.2 -1728.4
535	9.3	24038.6 -1713.8	625	9.6	30706.5 -1735.0	715	7.5	33527.7 -1736.6	805	8.1	40257.1 -1751.0
536	9.0	24041.9 -1758.9	626	9.2	30721.6 -1738.9	716	9.4	33532.6 -1737.5	806	8.5	40302.3 -1753.0
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540	8.0	24153.3 -1725.0	630	8.3	30849.1 -1705.4	720	10.	33700.8 -1754.0	810	9.0	40410.8 -1732.0
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812	10.	40441.7	-1720.8	902	8.2	42556.6	-1734.7	992	9.1	44934.3	-1722.5	1082	9.3	51232.1	-1732.0
813	9.6	40442.6	-1737.7	903	9.6	42636.7	-1706.2	993	10.	44943.2	-1713.6	1083	8.9	51235.0	-1707.6
814	9.0	40445.7	-1713.6	904	9.5	42641.0	-1736.5	994	6.8	44946.7	-1758.0	1084	9.0	51249.3	-1716.1
815	9.7	40509.6	-1755.7	905	8.5	42713.2	-1746.8	995	9.7	45028.9	-1722.3	1085	8.9	51259.2	-1754.0
816	6.3	40528.4	-1739.1	906	10.	42744.0	-1713.2	996	9.3	45030.1	-1744.2	1086	9.8	51300.7	-1737.3
817	10.	40530.5	-1753.9	907	8.1	42759.5	-1712.7	997	9.4	45038.3	-1719.1	1087	9.0	51325.2	-1714.0
818	10.	40530.5	-1742.7	908	9.5	42813.7	-1743.2	998	9.9	45101.2	-1713.0	1088	9.9	51329.3	-1737.2
819	9.3	40533.8	-1742.7	909	9.0	42814.4	-1707.3	999	9.3	45113.7	-1731.4	1089	8.5	51350.8	-1750.4
820	9.7	40557.2	-1703.2	910	9.2	42829.6	-1745.5	1000	9.7	45119.9	-1700.1	1090	9.6	51355.1	-1728.1
821	8.8	40609.1	-1702.1	911	9.5	42908.0	-1759.2	1001	7.0	45141.3	-1700.3	1091	9.5	51419.9	-1739.3
822	9.0	40620.5	-1708.6	912	10.	42927.7	-1711.4	1002	9.6	45141.6	-1736.3	1092	9.3	51422.6	-1730.6
823	9.0	40643.5	-1711.0	913	7.2	42950.8	-1744.9	1003	9.7	45209.5	-1742.1	1093	10.	51428.1	-1701.9
824	9.4	40655.8	-1743.7	914	9.0	42953.9	-1728.8	1004	9.8	45240.8	-1755.5	1094	9.4	51430.2	-1733.2
825	8.5	40711.8	-1751.0	915	9.8	43003.5	-1744.2	1005	9.8	45325.9	-1731.5	1095	9.6	51433.7	-1746.4
826	9.5	40718.9	-1730.3	916	9.9	43004.5	-1734.2	1006	9.1	45359.8	-1705.1	1096	9.0	51449.5	-1728.1
827	10.	40728.2	-1719.2	917	9.0	43020.9	-1750.4	1007	9.7	45401.0	-1701.8	1097	9.6	51512.0	-1713.9
828	9.8	40736.6	-1744.0	918	9.8	43041.2	-1744.0	1008	9.7	45412.4	-1734.2	1098	6.8	51530.0	-1745.1
829	9.1	40742.4	-1752.2	919	8.0	43119.5	-1742.2	1009	8.0	45417.8	-1748.0	1099	10.	51532.1	-1704.0
830	9.6	40750.3	-1728.0	920	10.	43129.2	-1713.4	1010	9.5	45425.0	-1727.2	1100	9.3	51537.5	-1748.6
831	9.7	40751.6	-1717.1	921	7.7	43138.7	-1701.0	1011	7.3	45453.5	-1745.6	1101	9.8	51610.6	-1740.0
832	10.	40756.0	-1720.0	922	9.6	43156.1	-1704.9	1012	9.5	45454.4	-1750.0	1102	9.8	51610.8	-1715.5
833	8.8	40852.6	-1716.1	923	9.2	43206.5	-1712.9	1013	9.8	45521.4	-1725.8	1103	8.5	51613.5	-1724.9
834	10.	40908.9	-1748.4	924	10.	43249.3	-1734.9	1014	9.3	45628.7	-1723.2	1104	9.3	51614.8	-1716.6
835	9.3	41020.4	-1726.8	925	9.5	43254.9	-1737.3	1015	9.8	45725.8	-1728.3	1105	9.8	51618.5	-1705.7
836	9.0	41024.9	-1725.5	926	9.7	43256.1	-1748.4	1016	9.1	45747.9	-1731.6	1106	10.	51629.1	-1717.1
837	8.4	41038.2	-1748.5	927	7.3	43313.4	-1715.0	1017	9.8	45753.6	-1721.1	1107	9.0	51631.3	-1719.5
838	9.5	41050.6	-1710.3	928	8.5	43357.5	-1758.1	1018	9.0	45822.3	-1752.1	1108	8.3	51641.9	-1721.3
839	8.0	41113.0	-1705.4	929	9.8	43414.7	-1742.3	1019	9.4	45846.1	-1717.9	1109	9.3	51651.9	-1719.7
840	8.8	41121.7	-1719.9	930	9.6	43449.9	-1753.9	1020	9.2	45928.4	-1718.3	1110	9.4	51652.4	-1721.0
841	8.2	41129.3	-1725.4	931	9.3	43502.0	-1701.6	1021	9.0	45939.6	-1738.4	1111	9.6	51708.4	-1740.8
842	10.	41142.2	-1706.2	932	9.7	43519.3	-1727.7	1022	9.0	45957.9	-1700.9	1112	9.3	51719.6	-1730.5
843	9.8	41142.5	-1716.8	933	9.2	43551.9	-1711.4	1023	9.3	45958.8	-1728.6	1113	9.3	51724.5	-1701.2
844	9.0	41157.5	-1732.4	934	10.	43602.9	-1745.4	1024	10.	50001.0	-1756.4	1114	9.7	51728.5	-1746.8
845	10.	41206.5	-1747.1	935	9.3	43635.4	-1744.5	1025	9.8	50009.7	-1749.3	1115	9.1	51758.5	-1757.2
846	9.7	41212.9	-1700.9	936	9.3	43705.0	-1727.0	1026	10.	50025.4	-1742.8	1116	10.	51800.4	-1743.4
847	9.1	41223.1	-1753.7	937	9.2	43721.5	-1753.6	1027	9.3	50038.0	-1723.7	1117	6.3	51801.6	-1706.7
848	9.5	41233.1	-1755.4	938	9.0	43724.8	-1741.4	1028	6.5	50041.4	-1729.5	1118	9.6	51804.2	-1727.9
849	10.	41254.3	-1745.3	939	9.7	43823.6	-1756.7	1029	7.0	50116.1	-1728.6	1119	10.	51819.4	-1740.0
850	9.1	41309.1	-1755.0	940	9.7	43823.7	-1711.2	1030	8.5	50125.3	-1725.2	1120	8.6	51824.3	-1714.8
851	9.8	41310.8	-1720.5	941	9.7	43830.4	-1750.8	1031	8.0	50207.9	-1731.3	1121	10.	51837.7	-1708.1
852	9.6	41312.3	-1713.6	942	8.8	43834.1	-1739.1	1032	9.3	50235.2	-1758.5	1122	9.8	51845.4	-1721.7
853	9.0	41322.5	-1717.3	943	9.5	43849.7	-1749.9	1033	9.0	50254.0	-1722.6	1123	10	51846.8	-1711.4
854	7.2	41323.6	-1749.0	944	9.5	43857.9	-1756.0	1034	9.1	50335.5	-1713.4	1124	9.2	51901.8	-1739.5
855	9.1	41354.9	-1725.0	945	8.5	43905.9	-1735.2	1035	8.8	50336.0	-1712.5	1125	10	51928.7	-1733.4
856	7.0	41409.0	-1710.7	946	9.2	43928.4	-1743.2	1036	10.	50355.4	-1701.5	1126	10.	51944.3	-1737.2
857	8.9	41413.9	-1748.7	947	9.5	43947.9	-1730.9	1037	9.5	50356.3	-1725.2	1127	9.7	51959.4	-1745.6
858	9.9	41439.3	-1717.2	948	9.7	44006.9	-1743.3	1038	9.9	50428.7	-1754.4	1128	9.5	52001.5	-1746.6
859	9.5	41452.2	-1736.7	949	9.0	44022.5	-1713.1	1039	9.6	50437.8	-1746.1	1129	10.	52003.6	-1707.4
860	9.2	41454.4	-1720.6	950	9.3	44028.5	-1713.1	1040	9.8	50439.1	-1744.4	1130	9.4	52010.6	-1701.2
861	9.2	41456.3	-1751.4	951	9.1	44044.9	-1730.8	1041	8.8	50453.6	-1713.7	1131	9.1	52011.7	-1700.5
862	9.5	41503.7	-1713.3	952	9.0	44047.2	-1730.6	1042	9.4	50505.0	-1750.2	1132	9.1	52033.3	-1736.6
863	9.9	41509.1	-1735.6	953	9.2	44049.1	-1713.7	1043	9.7	50519.2	-1717.8	1133	9.3	52034.8	-1724.3
864	9.0	41539.9	-1723.8	954	5.5	44106.0	-1712.4	1044	9.4	50534.0	-1753.7	1134	9.	52040.7	-1718.5
865	9.7	41625.4	-1749.4	955	9.5	44117.2	-1720.7	1045	9.0	50541.4	-1726.4	1135	9.	52041.5	-1745.4
866	10.	41650.1	-1751.0	956	9.8	44122.3	-1726.2	1046	8.5	50604.2	-1737.7	1136	9.8	52058.9	-1717.8
867	8.5	41706.2	-1753.5	957	9.5	44135.5	-1739.9	1047	8.6	50607.2	-1737.8	1137	9.4	52105.4	-1744.6
868	10.	41717.4	-1720.8	958	9.5	44215.7	-1709.4	1048	10.	50624.4	-1715.1	1138	10.	52109.9	-1758.2
869	9.1	41723.0	-1705.4	959	9.4	44215.9	-1719.4	1049	9.4	50624.6	-1721.2	1139	10.	52121.2	-1732.5
870	9.3	41744.1	-1726.8	960	8.2	44229.3	-1723.7	1050	9.9	50632.9	-1728.8	1140	9.8	52125.8	-1747.1
871	9.8	41809.7	-1733.6	961	10.	44238.4	-1746.0	1051	8.2	50650.2	-1746.1	1141	9.5	52129.7	-1721.2
872	9.5	41817.3	-1740.0	962	9.8	44248.2	-1704.7	1052	8.0	50655.7	-1705.0	1142	9.1	52209.9	-1716.2
873	10.	41818.0	-1736.1	963	9.4	44249.3	-1734.8	1053	9.6	50706.2	-1701.1	1143	9.3	52211.1	-1726.9
874	10.	41835.2	-1707.9	964	9.8	44334.5	-1722.3	1054	7.3	50706.7	-1716.5	1144	9.5	52217.2	-1720.8
875	8.2	41900.7	-1731.1	965	10.	44337.2	-1741.1	1055	9.8	50720.0	-1704.2	1145	9.3	52234.1	-1723.7
876	9.1	41925.7	-1734.3	966	9.8	44346.6	-1712.7	1056	9.7	50750.4	-1746.5	1146	9.9	52234.2	-1750.6
877	9.0	41947.4	-1702.3	967	9.5	44422.5	-1734.2	1057	9.8	50755.2	-1734.8	1147	8.0	52235.0	-1733.0
878	10.	41950.6	-1725.8	968	9.3	44433.2	-1758.5	1058	9.2	50758.2	-1745.6	1148	8.1	52243.1	-1726.4
879	10.	42000.4	-1729.9	969	10.	44444.0	-1706.0	1059	9.2	50803.8	-1723.9	1149	10.	52250.7	-1740.8
880	9.1	42042.8	-1754.5	970	9.1	44450.2	-1717.6	1060	9.8	50805.9	-1703.2	1150	9.3	52255.6	-1758.2
881	9.3	42050.5	-1722.5	971	9.3	44457.0	-1730.7	1061	9.8	50808.5	-1721.8	1151	9.6	52312.7	-1741.5
882	9.5	42054.8	-1737.0	972	9.7	44458.3	-1742.4	1062	9.8	50813.4	-1723.1	1152	8.8	52317.3	-1722.7
883	8.0	42100.6	-1726.0	973	10.	44512.7	-1746.3	1063	10.	50858.9	-1725.4	1153	9.9	52333.3	-1726.7
884	9.8	42104.9	-1758.2	974	8.8	44518.2	-1702.6	1064	9.8	50922.2	-1743.4	1154	9.8	52338.2	-1729.8
885	9.6	42106.9	-1742.4	975	9.3	44532.2	-1718.1	1065	10.	50952.6	-1733.0	1155	9.5	52359.6	-1754.4
886	9.8	42127.2	-1734.5	976	9.2	44552.2	-1756.7	1066	9.8	51002.0	-1754.0	1156	9.8	52402.7	-1706.5
887	9.8	42141.2	-1704.1	977	8.7	44608.3	-1706.9	1067	9.7	51002.0	-1707.2	1157	9.3	52453.7	-1738.8
888	9.9	42151.4	-1722.7	978	8.4	44633.9	-1712.7	1068	9.4	51018.9	-1714.1	1158	9.0	52453.7	-1705.0
889	9.1	42159.0	-1703.9	979	9.4	44634.5	-1759.2	1069	7.0	51021.7	-1718.4	1159	9.0	52456.7	-1727.1
890	9.4	42204.1	-1747.7	980	9.4	44652.6	-1718.8	1070	9.8	51029.0	-1727.5	1160	9.5	52504.2	-1746.7
891	9.5	42307.8	-1733.4	981	9.8	44659.0	-1711.7	1071	8.9	51040.0	-1718.8	1161	9.6	52521.6	-1717.2
892	8.5	42346.7	-1711.2	982	9.5	44710.3	-1739.2	1072	8.8	51040.4	-1736.9	1162	8.0	52536.3	-1752.5
893	9.0	42401.4	-1739.7	983	8.9	44731.2	-1749.0	1073	7.0	51057.6	-1755.7	1163	10.	52540.9	-1737.1
894	9.6	42414.6	-1740.2	984	8.7	44737.2	-1714.1	1074	10.	51107.4	-1704.6	1164	8.9	52541.1	-1740.4
895	10.	42428.3	-1757.5	985	9.3	44801.0	-1702.0	1075	10.	51121.5	-1729.5	1165	9.1	52611.1	-1747.9
896	8.3	42428.9	-1712.6	986	8.8	44807.4	-1721.0	1076	9.5	51122.3	-1731.1	1166	3.0	52620.2	-1755.4
897	9.2	42434.3	-1735.8	987	9.4	44847.6	-1750.4	1077	9.5	51125.9	-1701.2	1167	8.0	52635.0	-1721.9
898	9.4	42508.0	-1714.3	988	9.5	44901.7	-1740.7	1078	8.3	51140.6	-1731.8	1168	9.0	52638.8	-1702.8
899	10.	42522.2	-1735.4	989	9.7	44903.4	-1752.0	1079	9.1	51145.0	-1722.9	1169	9.8	52656.9	-1748.1
900	8.6	42539.2	-1751.6	990	8.5	44906.8	-1759.7	1080	9.1	51210.1	-1753.4	1170	8.2	52716.4	-1753.2
901	9.4	42550.4	-1752.4	991	8.8	44931.6	-1735.2	1081	8.0	51220.3	-1743.3	1171	9.3	52718.0	-1732.3

1172	9.5	52752.1	-1700.0	1262	10.	54407.9	-1709.9	1352	9.1	55948.0	-1734.5
1173	8.8	52752.8	-1715.3	1263	9.0	54415.3	-1709.6	1353	9.8	60018.5	-1734.2
1174	8.4	52811.4	-1739.1	1264	9.5	54421.0	-1716.8	1354	9.3	60027.7	-1703.0
1175	10.	52818.9	-1717.9	1265	9.4	54447.1	-1749.4	1355	9.7	60028.4	-1743.7
1176	9.6	52835.3	-1724.0	1266	9.8	54502.4	-1710.4	1356	9.8	60028.8	-1732.6
1177	10.	52837.0	-1720.5	1267	8.0	54504.7	-1756.7	1357	9.8	60033.4	-1754.9
1178	9.8	52844.4	-1755.6	1268	10.	54520.8	-1731.6	1358	10.	60041.6	-1722.1
1179	9.1	52853.3	-1718.5	1269	8.7	54533.9	-1703.1	1359	9.2	60045.2	-1745.1
1180	9.7	52855.8	-1730.3	1270	9.5	54535.3	-1747.7	1360	8.5	60052.7	-1747.9
1181	9.5	52901.6	-1716.4	1271	7.8	54547.4	-1735.6	1361	9.1	60115.8	-1731.2
1182	9.2	52909.0	-1745.4	1272	9.0	54559.1	-1740.0	1362	9.0	60116.0	-1735.9
1183	10.	52921.9	-1711.9	1273	9.1	54611.3	-1746.6	1363	9.3	60125.2	-1718.1
1184	10.	52936.9	-1702.2	1274	9.9	54611.9	-1716.7	1364	9.0	60126.4	-1716.7
1185	9.5	53018.8	-1755.6	1275	9.8	54619.2	-1744.3	1365	9.2	60128.0	-1719.6
1186	8.5	53027.3	-1706.6	1276	9.7	54622.4	-1754.6	1366	9.1	60135.3	-1752.8
1187	9.0	53035.7	-1716.3	1277	8.3	54649.7	-1748.7	1367	9.5	60150.8	-1712.7
1188	9.6	53055.8	-1741.0	1278	8.6	54700.5	-1718.1	1368	9.5	60158.9	-1750.8
1189	9.3	53058.7	-1717.4	1279	10.	54730.8	-1725.3	1369	9.4	60202.3	-1740.2
1190	9.8	53059.6	-1713.9	1280	9.2	54740.4	-1712.4	1370	9.5	60204.8	-1713.1
1191	9.0	53117.3	-1731.5	1281	8.8	54743.3	-1708.2	1371	9.0	60205.5	-1719.3
1192	9.2	53119.8	-1754.2	1282	10.	54750.4	-1756.1	1372	9.3	60212.1	-1720.9
1193	9.9	53137.6	-1709.4	1283	9.5	54751.1	-1752.5	1373	9.5	60215.8	-1703.5
1194	10.	53149.5	-1750.1	1284	8.2	54805.4	-1748.4	1374	10.	60232.7	-1744.5
1195	9.9	53156.6	-1740.7	1285	9.2	54808.6	-1743.9	1375	9.1	60235.2	-1757.7
1196	7.5	53209.1	-1700.4	1286	10.	54816.8	-1741.5	1376	9.2	60243.3	-1713.0
1197	8.0	53220.4	-1709.2	1287	9.9	54830.2	-1705.2	1377	7.5	60251.4	-1716.0
1198	8.3	53244.9	-1755.1	1288	9.0	54837.8	-1700.3	1378	9.4	60310.9	-1725.8
1199	6.7	53253.5	-1756.0	1289	10.	54838.6	-1716.0	1379	10.	60311.8	-1743.4
1200	8.3	53254.1	-1754.8	1290	9.7	54839.5	-1716.1	1380	10.	60315.5	-1745.8
1201	9.8	53256.0	-1727.0	1291	10.	54848.6	-1738.5	1381	10.	60316.6	-1745.2
1202	9.3	53257.2	-1733.5	1292	9.1	54907.0	-1757.0	1382	10.	60319.1	-1733.9
1203	9.0	53258.0	-1756.9	1293	9.4	54908.9	-1713.4	1383	9.5	60332.5	-1701.0
1204	9.4	53327.7	-1707.4	1294	9.5	54910.1	-1717.5	1384	9.1	60335.0	-1722.8
1205	9.1	53346.9	-1742.9	1295	10.	54919.3	-1732.2	1385	8.9	60400.8	-1731.8
1206	8.3	53350.3	-1711.2	1296	10.	54920.4	-1734.6	1386	8.9	60400.8	-1711.0
1207	8.9	53351.9	-1701.9	1297	9.3	54932.7	-1720.4	1387	9.0	60424.6	-1737.4
1208	9.4	53405.4	-1723.1	1298	8.4	54944.9	-1754.5	1388	9.5	60433.3	-1744.4
1209	9.1	53422.8	-1706.7	1299	9.8	54946.8	-1704.1	1389	10.	60433.7	-1726.7
1210	10.	53443.1	-1719.2	1300	8.0	54952.0	-1715.1	1390	9.4	60457.2	-1732.5
1211	8.0	53506.9	-1747.7	1301	10.	54955.5	-1758.0	1391	9.5	60458.1	-1734.0
1212	10.	53509.7	-1749.0	1302	9.0	55000.5	-1718.0	1392	9.3	60500.0	-1700.2
1213	9.0	53526.5	-1717.7	1303	8.9	55001.3	-1751.2	1393	8.5	60513.6	-1724.6
1214	6.0	53550.7	-1736.4	1304	9.2	55009.2	-1726.0	1394	9.8	60519.1	-1739.5
1215	8.1	53607.7	-1705.3	1305	9.7	55010.4	-1749.5	1395	9.8	60558.7	-1709.1
1216	8.9	53616.3	-1751.9	1306	9.7	55022.9	-1741.8	1396	10.	60602.9	-1735.7
1217	10.	53620.0	-1737.9	1307	9.5	55039.3	-1731.9	1397	9.5	60604.5	-1758.6
1218	9.0	53624.1	-1740.7	1308	10.	55104.6	-1739.4	1398	6.5	60623.3	-1743.7
1219	9.4	53630.7	-1744.2	1309	9.0	55108.8	-1708.4	1399	9.0	60623.8	-1712.3
1220	10.	53631.2	-1714.5	1310	9.8	55119.1	-1753.2	1400	9.2	60630.4	-1755.9
1221	9.1	53634.3	-1751.5	1311	10.	55129.8	-1719.4	1401	9.6	60632.7	-1727.4
1222	10.	53700.2	-1705.5	1312	9.2	55132.8	-1724.8	1402	9.4	60641.4	-1700.2
1223	9.8	53706.0	-1739.5	1313	9.4	55142.5	-1741.5	1403	9.4	60649.6	-1746.7
1224	9.8	53717.5	-1716.7	1314	9.4	55158.4	-1726.3	1404	10.	60652.8	-1731.9
1225	9.3	53737.9	-1735.2	1315	9.5	55202.3	-1741.0	1405	9.1	60742.1	-1701.4
1226	9.1	53743.2	-1704.0	1316	9.8	55220.2	-1743.4	1406	9.8	60746.0	-1744.7
1227	10.	53749.6	-1718.7	1317	10.	55225.4	-1708.5	1407	8.2	60753.2	-1726.3
1228	9.8	53807.4	-1712.4	1318	10.	55228.7	-1733.7	1408	9.0	60759.4	-1724.8
1229	9.2	53818.0	-1749.8	1319	8.8	55253.4	-1755.3	1409	8.7	60759.5	-1747.4
1230	9.0	53820.1	-1729.4	1320	9.0	55259.3	-1705.8	1410	9.2	60800.9	-1726.7
1231	9.0	53825.6	-1719.1	1321	8.8	55321.9	-1705.8	1411	9.8	60807.1	-1705.2
1232	10.	53826.4	-1712.8	1322	9.8	55350.8	-1729.2	1412	9.8	60815.4	-1749.7
1233	9.5	53901.5	-1743.8	1323	10.	55352.0	-1745.6	1413	9.3	60824.2	-1740.7
1234	10.	53916.6	-1723.1	1324	10.	55411.8	-1738.9	1414	10.	60852.7	-1727.8
1235	8.8	53920.8	-1728.4	1325	9.8	55419.7	-1747.3	1415	9.6	60919.2	-1743.4
1236	9.8	53927.2	-1745.0	1326	9.5	55427.7	-1723.0	1416	9.4	60922.8	-1730.9
1237	9.4	53932.7	-1713.9	1327	8.3	55447.9	-1730.8	1417	9.5	60929.4	-1746.1
1238	10.	54013.1	-1742.3	1328	10.	55504.2	-1701.7	1418	9.3	60933.1	-1704.5
1239	9.2	54016.3	-1747.1	1329	9.0	55514.1	-1718.7	1419	9.4	60944.0	-1756.4
1240	10.	54022.3	-1706.1	1330	9.3	55534.1	-1707.5	1420	9.1	60944.3	-1731.3
1241	9.4	54022.8	-1710.8	1331	9.2	55537.8	-1751.4	1421	8.3	60953.4	-1753.8
1242	9.4	54044.4	-1755.1	1332	10.	55556.5	-1715.7	1422	9.4	61000.9	-1726.2
1243	9.6	54109.9	-1742.4	1333	9.3	55600.6	-1705.5	1423	8.5	61007.2	-1727.5
1244	9.5	54113.1	-1739.8	1334	8.6	55605.7	-1751.1	1424	9.2	61009.2	-1706.5
1245	9.8	54121.8	-1730.4	1335	9.2	55620.5	-1735.9	1425	9.5	61019.6	-1723.2
1246	9.8	54130.9	-1741.3	1336	9.5	55621.1	-1730.2	1426	9.8	61043.9	-1735.7
1247	9.9	54159.6	-1746.0	1337	9.2	55623.0	-1748.4	1427	10.	61054.9	-1753.1
1248	9.3	54200.7	-1756.2	1338	9.3	55626.5	-1724.1	1428	9.8	61110.9	-1739.6
1249	9.5	54225.7	-1703.5	1339	8.5	55641.0	-1748.1	1429	10.	61124.4	-1752.6
1250	9.8	54244.9	-1735.0	1340	9.8	55708.6	-1739.7	1430	9.9	61128.5	-1746.0
1251	9.6	54249.3	-1710.8	1341	9.5	55739.8	-1723.7	1431	9.9	61129.0	-1701.1
1252	9.2	54250.9	-1703.0	1342	9.5	55807.4	-1707.0	1432	9.8	61129.5	-1748.7
1253	8.5	54259.0	-1737.9	1343	10.	55811.0	-1704.3	1433	10.	61131.9	-1714.5
1254	9.1	54301.6	-1707.5	1344	7.0	55823.5	-1756.9	1434	8.8	61137.6	-1713.8
1255	9.4	54317.7	-1737.8	1345	10.	55841.1	-1743.6	1435	10.	61139.6	-1749.1
1256	9.3	54324.9	-1701.0	1346	10.	55850.4	-1727.5	1436	9.5	61140.7	-1727.5
1257	10.	54339.6	-1742.6	1347	10.	55902.4	-1709.9	1437	9.3	61145.2	-1740.4
1258	10.	54345.0	-1748.2	1348	9.7	55905.9	-1727.3	1438	9.9	61147.0	-1758.8
1259	9.1	54356.2	-1748.4	1349	8.8	55914.8	-1713.2	1439	10.	61207.5	-1746.4
1260	8.8	54357.5	-1759.0	1350	9.9	55928.0	-1726.7	1440	10.	61237.3	-1749.3
1261	9.4	54404.8	-1750.4	1351	9.4	55938.3	-1707.5	1441	10.	61247.2	-1708.9

1442	9.8	61248.3	-1730.8								
1443	9.8	61251.6	-1754.2								
1444	9.4	61305.5	-1721.2								
1445	9.3	61313.6	-1727.4								
1446	7.0	61316.2	-1728.1								
1447	8.5	61321.8	-1730.8								
1448	10.	61333.6	-1724.7								
1449	8.0	61335.2	-1737.7								
1450	8.5	61357.8	-1712.9								
1451	9.2	61410.0	-1757.1								
1452	8.9	61417.8	-1751.0								
1453	9.8	61422.3	-1731.2								
1454	9.6	61425.4	-1732.9								
1455	9.0	61428.0	-1755.0								
1456	9.0	61434.7	-1709.7								
1457	8.6	61436.4	-1745.9								
1458	8.0	61440.5	-1753.7								
1459	9.3	61442.4	-1732.5								
1460	9.4	61451.7	-1748.6								
1461	8.9	61454.2	-1727.4								
1462	10.	61509.4	-1748.3								
1463	9.9	61540.6	-1744.3								
1464	9.4	61548.6	-1745.6								
1465	9.2	61559.4	-1735.3								
1466	9.3	61613.6	-1750.1								
1467	3.0	61618.9	-1753.2								
1468	9.0	61640.4	-1707.4								
1469	9.4	61647.8	-1731.3								
1470	10.	61700.1	-1703.4								
1471	10.	61705.0	-1707.3								
1472	10.	61714.5	-1700.7								
1473	8.8	61733.6	-1722.0								
1474	9.6	61734.5	-1740.4								
1475	9.6	61734.9	-1704.1								
1476	8.9	61746.2	-1748.6								
1477	9.4	61747.5	-1726.6								
1478	10.	61756.0	-1709.4								
1479	9.3	61802.5	-1726.6								
1480	10.	61808.3	-1719.0								
1481	9.7	61820.5	-1743.0								
1482	9.1	61823.9	-1734.8								
1483	9.1	61839.6	-1745.9								
1484	10.	61842.9	-1753.7								
1485	9.4	61922.1	-1751.0								
1486	10.	61934.3	-1707.1								
1487	9.8	61948.2	-1719.6								
1488	9.5	61948.3	-1729.6								
1489	9.5	61948.5	-1747.1								
1490	9.1	61958.4	-1750.6								
1491	9.1	62016.4	-1750.3								
1492	9.5	62021.6	-1724.0								
1493	9.6	62022.1	-1710.6								
1494	9.0	62028.7	-1756.5								
1495	9.1	62032.1	-1734.1								
1496	9.4	62034.5	-1721.6								
1497	9.1	62036.5	-1718.9								
1498	8.5	62047.4	-1735.0								
1499	9.5	62052.7	-1707.5								
1500	9.6	62104.7	-1747.9								
1501	9.8	62122.4	-1756.2								
1502	9.1	62127.9	-1732.7								
1503	9.9	62132.5	-1718.4								
1504	10.	62153.8	-1727.5								
1505	8.9	62158.3	-1712.8								
1506	6.3	62211.8	-1722.4								
1507	9.1	62227.8	-1739.5								
1508	9.5	62233.6	-1731.6								
1509	9.4	62241.8	-1710.3								
1510	9.1	62255.0	-1757.2								
1511	9.9	62255.6	-1704.8								
1512	8.0	62257.5	-1743.2								
1513	9.0	62326.7	-1717.0								
1514	9.3	62346.8	-1712.7								
1515	8.4	62417.0	-1749.0								
1516	10.	62417.9	-1743.6								
1517	9.4	62434.6	-1721.4								
1518	9.0	62503.6	-1723.4								
1519	9.6	62510.7	-1748.7								
1520	9.8	62512.7	-1728.5								
1521	6.3	62533.5	-1757.7								
1522	10.	62550.7	-1749.6								
1523	9.6	62552.8	-1700.1								
1524	9.0	62556.9	-1731.5								
1525	10.	62557.8	-1728.6								
1526	9.0	62602.5	-1758.6								
1527	9.8	62607.7	-1725.3								
1528	7.8	62622.9	-1736.5								
1529	9.5	62627.3	-1709.2								
1530	9.8	62634.8	-1751.0								
1531	10.	62637.1	-1705.3								

-17 1532 6h26m

-17 1891 7h10m

1532	9.0	62647.5	-1722.6	1622	9.7	64041.3	-1724.4	1712	9.9	65237.4	-1712.2	1802	9.8	70239.5	-1712.5
1533	8.7	62701.0	-1758.6	1623	9.7	64042.3	-1724.4	1713	9.8	65239.3	-1744.4	1803	9.4	70251.0	-1723.7
1534	9.4	62709.6	-1746.0	1624	9.0	64042.7	-1755.1	1714	8.7	65249.2	-1728.5	1804	10.	70258.2	-1734.8
1535	9.4	62722.1	-1745.5	1625	9.4	64107.8	-1749.7	1715	10.	65258.2	-1728.8	1805	9.8	70259.3	-1753.6
1536	9.6	62723.2	-1730.6	1626	7.0	64110.7	-1721.0	1716	9.7	65303.3	-1704.0	1806	9.6	70301.4	-1721.5
1537	10.	62731.2	-1700.4	1627	9.3	64112.1	-1700.7	1717	9.3	65306.9	-1737.5	1807	9.8	70307.2	-1734.8
1538	9.5	62737.5	-1759.9	1628	9.5	64118.3	-1701.8	1718	9.6	65308.2	-1756.4	1808	9.2	70312.1	-1731.7
1539	9.5	62757.9	-1738.5	1629	9.8	64122.5	-1756.6	1719	9.8	65310.9	-1750.3	1809	9.0	70325.1	-1727.7
1540	8.8	62808.4	-1715.7	1630	9.3	64141.9	-1753.8	1720	10.	65311.1	-1744.9	1810	9.5	70326.0	-1700.0
1541	9.3	62815.3	-1711.5	1631	7.8	64142.7	-1704.2	1721	9.5	65311.2	-1728.1	1811	9.0	70331.3	-1739.1
1542	8.5	62830.0	-1754.9	1632	9.5	64150.2	-1704.1	1722	9.4	65328.6	-1722.3	1812	9.8	70331.6	-1701.0
1543	9.1	62851.6	-1739.3	1633	9.8	64151.9	-1749.3	1723	10.	65331.0	-1727.9	1813	9.5	70332.7	-1713.0
1544	9.5	62854.9	-1743.6	1634	8.9	64223.2	-1706.3	1724	9.5	65331.5	-1756.5	1814	9.8	70339.3	-1729.7
1545	9.5	62854.9	-1746.0	1635	9.7	64227.8	-1753.3	1725	9.8	65343.4	-1715.0	1815	9.0	70344.6	-1759.3
1546	9.8	62908.8	-1740.4	1636	9.3	64252.9	-1752.8	1726	10.	65356.9	-1735.7	1816	9.5	70345.4	-1747.9
1547	9.2	62929.4	-1746.4	1637	9.2	64303.5	-1740.1	1727	9.2	65358.8	-1752.1	1817	9.7	70351.4	-1720.5
1548	9.8	62936.9	-1735.0	1638	9.3	64305.6	-1721.5	1728	10.	65434.4	-1758.2	1818	9.7	70352.6	-1732.2
1549	9.9	62936.9	-1715.2	1639	8.8	64307.5	-1733.9	1729	8.8	65444.6	-1711.7	1819	9.0	70352.8	-1756.0
1550	9.4	63008.7	-1756.6	1640	9.8	64315.8	-1708.1	1730	9.2	65508.6	-1743.0	1820	9.7	70352.8	-1701.4
1551	9.2	63013.0	-1759.5	1641	8.8	64321.1	-1724.5	1731	9.1	65511.4	-1755.7	1821	8.8	70404.1	-1704.8
1552	9.5	63013.6	-1750.1	1642	9.1	64321.9	-1714.0	1732	9.8	65522.9	-1737.1	1822	9.5	70416.8	-1706.0
1553	9.4	63018.0	-1719.6	1643	9.4	64336.9	-1750.0	1733	7.7	65531.8	-1726.2	1823	9.8	70417.9	-1721.0
1554	8.8	63019.0	-1706.8	1644	9.0	64347.2	-1704.9	1734	9.8	65532.7	-1742.5	1824	8.0	70425.6	-1748.6
1555	9.3	63025.6	-1743.1	1645	7.3	64350.3	-1707.3	1735	8.8	65532.8	-1709.2	1825	9.4	70427.7	-1735.0
1556	9.1	63027.6	-1705.9	1646	9.4	64406.0	-1758.1	1736	9.1	65534.9	-1707.9	1826	9.5	70432.7	-1713.3
1557	10.	63041.8	-1712.5	1647	9.7	64407.4	-1702.0	1737	8.8	65536.7	-1729.6	1827	9.0	70449.8	-1704.1
1558	10.	63042.4	-1719.2	1648	9.8	64421.0	-1756.0	1738	9.3	65552.5	-1721.5	1828	7.0	70457.2	-1705.7
1559	9.8	63043.5	-1739.6	1649	8.7	64421.3	-1708.1	1739	10.	65554.3	-1704.5	1829	9.1	70507.0	-1754.0
1560	8.7	63054.0	-1749.6	1650	8.0	64434.0	-1741.1	1740	9.5	65604.5	-1700.7	1830	9.0	70507.9	-1751.7
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1562	9.8	63102.8	-1738.9	1652	9.8	64506.3	-1733.0	1742	9.0	65611.6	-1734.4	1832	10.	70520.4	-1724.0
1563	9.8	63129.7	-1716.2	1653	9.8	64516.8	-1732.1	1743	7.8	65615.0	-1722.1	1833	9.3	70522.2	-1725.7
1564	8.3	63131.9	-1705.8	1654	8.3	64529.3	-1704.3	1744	9.8	65617.2	-1717.3	1834	10.	70524.8	-1700.0
1565	9.8	63146.0	-1757.1	1655	9.4	64531.1	-1725.9	1745	9.8	65621.0	-1722.3	1835	9.1	70525.6	-1708.4
1566	9.1	63212.6	-1725.7	1656	9.2	64535.8	-1707.6	1746	10.	65624.4	-1713.4	1836	9.2	70529.9	-1709.0
1567	9.0	63215.5	-1750.7	1657	10.	64559.7	-1751.0	1747	10.	65625.2	-1717.6	1837	9.5	70530.0	-1716.6
1568	8.8	63216.1	-1748.2	1658	9.3	64600.3	-1732.6	1748	9.2	65636.1	-1723.9	1838	9.8	70533.6	-1729.1
1569	10.	63231.1	-1747.6	1659	9.4	64600.8	-1722.1	1749	9.7	65639.1	-1702.5	1839	9.2	70534.0	-1726.1
1570	9.1	63237.2	-1729.1	1660	9.1	64615.0	-1741.0	1750	10.	65700.3	-1732.9	1840	9.5	70541.1	-1724.5
1571	9.8	63246.6	-1713.3	1661	9.2	64631.7	-1707.5	1751	9.5	65709.8	-1749.9	1841	9.8	70544.8	-1759.2
1572	9.0	63253.8	-1741.5	1662	9.8	64633.1	-1734.3	1752	9.2	65721.9	-1716.0	1842	9.5	70549.3	-1758.3
1573	9.0	63256.9	-1724.5	1663	8.7	64634.2	-1726.9	1753	9.8	65725.9	-1740.3	1843	10.	70601.1	-1734.4
1574	9.0	63301.6	-1725.4	1664	10.	64700.6	-1716.1	1754	9.5	65730.2	-1707.3	1844	9.7	70605.3	-1704.0
1575	9.1	63311.9	-1704.2	1665	9.5	64711.8	-1706.5	1755	9.6	65730.6	-1744.6	1845	9.4	70606.7	-1758.1
1576	10.	63324.9	-1728.0	1666	9.8	64721.8	-1732.7	1756	9.1	65739.4	-1713.6	1846	9.7	70610.0	-1711.1
1577	9.2	63331.1	-1750.4	1667	10.	64733.3	-1722.9	1757	9.8	65740.4	-1711.6	1847	9.6	70615.4	-1742.2
1578	7.8	63337.7	-1709.5	1668	8.2	64740.9	-1743.6	1758	9.3	65742.3	-1709.4	1848	9.3	70633.8	-1723.0
1579	9.6	63346.3	-1700.1	1669	9.8	64744.5	-1707.9	1759	9.3	65752.4	-1723.1	1849	9.1	70638.0	-1700.3
1580	10.	63407.4	-1736.1	1670	9.4	64753.6	-1724.1	1760	8.3	65803.4	-1711.8	1850	9.8	70639.7	-1705.8
1581	9.9	63429.2	-1754.5	1671	9.8	64755.7	-1754.8	1761	8.5	65823.2	-1733.6	1851	9.8	70647.9	-1724.8
1582	8.4	63431.0	-1738.8	1672	9.2	64801.8	-1729.8	1762	10.	65823.8	-1729.0	1852	9.5	70654.7	-1718.1
1583	8.8	63447.5	-1750.0	1673	8.0	64810.6	-1744.1	1763	9.8	65824.8	-1721.4	1853	9.4	70701.2	-1754.2
1584	8.5	63509.1	-1723.7	1674	10.	64821.7	-1727.4	1764	9.3	65827.3	-1708.2	1854	9.3	70701.4	-1721.0
1585	9.9	63509.3	-1706.1	1675	9.2	64827.6	-1700.6	1765	9.9	65841.9	-1724.9	1855	8.3	70704.6	-1730.7
1586	9.5	63516.4	-1749.0	1676	9.3	64829.2	-1738.4	1766	8.9	65842.1	-1723.8	1856	8.8	70717.8	-1716.8
1587	8.9	63523.8	-1749.7	1677	9.4	64834.7	-1727.1	1767	9.5	65846.5	-1753.3	1857	9.4	70722.9	-1740.2
1588	8.8	63533.8	-1738.4	1678	10.	64846.5	-1722.0	1768	9.5	65853.4	-1715.3	1858	9.5	70724.4	-1752.3
1589	9.9	63538.0	-1758.6	1679	8.3	64848.5	-1701.7	1769	9.7	65856.6	-1749.3	1859	9.8	70727.0	-1755.4
1590	9.1	63549.0	-1720.3	1680	9.5	64857.3	-1751.5	1770	9.7	65856.9	-1736.0	1860	9.8	70728.1	-1708.3
1591	8.9	63551.1	-1714.1	1681	9.3	64859.8	-1740.7	1771	9.8	65905.6	-1723.4	1861	10.	70731.7	-1748.0
1592	8.8	63605.0	-1739.7	1682	9.4	64901.2	-1726.3	1772	9.7	65909.8	-1710.9	1862	9.7	70738.5	-1743.2
1593	9.8	63618.9	-1714.1	1683	9.5	64911.3	-1734.3	1773	9.6	65910.9	-1718.7	1863	9.5	70741.1	-1722.2
1594	9.4	63625.2	-1741.4	1684	9.3	64915.4	-1748.9	1774	9.4	65911.7	-1708.0	1864	9.0	70744.6	-1743.4
1595	8.8	63640.8	-1731.3	1685	10.	64929.2	-1706.5	1775	9.8	65930.6	-1736.1	1865	9.5	70748.4	-1748.8
1596	9.7	6365 .1	-1759.0	1686	10.	64937.0	-1716.5	1776	9.6	65954.0	-1721.3	1866	10.	70808.1	-1708.5
1597	9.8	6365 .5	-1754.1	1687	9.8	64946.9	-1755.0	1777	9.8	65959.2	-1701.9	1867	10.	70820.1	-1744.1
1598	8.7	63701.9	-1700.9	1688	10.	64948.8	-1749.0	1778	9.5	70000.7	-1730.0	1868	9.8	70824.2	-1745.7
1599	9.4	6370 .0	-1752.4	1689	8.7	64948.8	-1700.7	1779	10.	70005.3	-1753.8	1869	9.6	70826.9	-1708.5
1600	9.5	6370 .7	-1730.2	1690	9.4	64951.5	-1715.5	1780	10.	70012.4	-1735.2	1870	9.8	70827.4	-1753.9
1601	9.6	63734.2	-1747.5	1691	9.8	64952.3	-1754.3	1781	10.	70029.8	-1721.4	1871	10.	70829.8	-1732.0
1602	9.5	63738.4	-1714.4	1692	9.8	64958.2	-1755.8	1782	9.2	70034.8	-1723.6	1872	10.	70838.1	-1739.6
1603	8.2	63756.1	-1741.8	1693	9.1	65001.0	-1722.8	1783	10.	70038.1	-1735.2	1873	10.	70842.2	-1713.4
1604	8.8	63819.9	-1758.2	1694	9.8	65001.9	-1715.2	1784	9.6	70040.2	-1709.3	1874	9.8	70912.8	-1752.5
1605	8.6	63823.	-1717.4	1695	10.	65015.6	-1747.5	1785	9.2	70050.7	-1747.9	1875	9.8	70913.4	-1709.2
1606	9.8	63825.5	-1739.2	1696	10.	65024.1	-1719.4	1786	9.9	70121.3	-1756.8	1876	9.5	70913.9	-1722.1
1607	9.0	63826.9	-1736.5	1697	9.8	65028.8	-1746.7	1787	9.8	70126.9	-1703.3	1877	9.8	70925.8	-1739.0
1608	9.6	63840.9	-1735.0	1698	9.5	65030.6	-1700.5	1788	9.6	70131.4	-1708.7	1878	8.6	70931.8	-1739.1
1609	10.	63849.1	-1758.0	1699	8.1	65042.6	-1722.4	1789	9.0	70139.6	-1720.0	1879	9.1	70934.1	-1730.3
1610	8.9	63902.1	-1742.0	1700	10.	65049.3	-1706.7	1790	9.3	70140.3	-1738.4	1880	9.8	70937.6	-1746.6
1611	7.5	63913.8	-1701.3	1701	9.8	65055.5	-1717.5	1791	9.2	70143.4	-1733.4	1881	9.8	70937.6	-1737.1
1612	10.	63918.5	-1758.3	1702	10.	65114.5	-1741.1	1792	8.7	70159.5	-1720.1	1882	9.3	70942.7	-1712.0
1613	9.1	63929.5	-1707.3	1703	9.5	65123.4	-1713.7	1793	9.3	70200.9	-1748.4	1883	8.9	70945.2	-1707.6
1614	9.8	63948.9	-1716.1	1704	9.8	65134.7	-1748.6	1794	9.5	70204.7	-1708.5	1884	8.0	70945.6	-1702.4
1615	9.8	63949.2	-1736.9	1705	8.0	65148.6	-1735.0	1795	9.0	70207.8	-1726.3	1885	9.8	70957.1	-1735.3
1616	9.8	63954.3	-1700.1	1706	9.0	65149.3	-1752.5	1796	8.7	70208.3	-1746.3	1886	10.	71002.3	-1741.5
1617	9.5	64010.2	-1755.8	1707	9.3	65155.6	-1704.8	1797	9.5	70210.0	-1727.0	1887	9.4	71010.4	-1711.8
1618	9.4	64012.5	-1717.4	1708	9.4	65206.1	-1749.3	1798	9.0	70211.0	-1723.6	1888	9.5	71010.6	-1743.8
1619	8.7	64018.3	-1731.7	1709	8.2	65222.2	-1726.0	1799	9.4	70223.8	-1715.4	1889	9.8	71018.3	-1753.0
1620	9.0	64018.4	-1735.5	1710	10.	65224.7	-1713.8	1800	9.3	70224.7	-1702.5	1890	9.8	71030.6	-1713.2
1621	9.7	64019.3	-1719.6	1711	9.8	65225.1	-1735.0	1801	7.8	70228.8	-1756.7	1891	9.4	71031.6	-1702.6

-17 1892 7h10m

-17 2251 7h51m

1892	9.2	71032.9	-1749.4	1982	10.	72055.3	-1730.2	2072	9.3	73159.5	-1713.5	2162	9.4	74122.7	-1729.7
1893	9.8	71048.5	-1729.2	1983	9.4	72058.1	-1719.3	2073	9.4	73200.6	-1744.6	2163	9.7	74126.5	-1739.5
1894	8.5	71050.0	-1706.1	1984	9.6	72100.9	-1711.6	2074	9.5	73227.7	-1745.1	2164	9.5	74131.3	-1756.4
1895	8.8	71052.0	-1731.0	1985	9.8	72114.5	-1746.0	2075	9.5	73230.9	-1716.4	2165	9.0	74155.5	-1707.5
1896	9.1	71052.6	-1734.0	1986	9.5	72123.7	-1757.0	2076	9.8	73234.5	-1739.5	2166	9.4	74201.1	-1703.6
1897	9.7	71102.5	-1705.3	1987	9.8	72126.4	-1713.9	2077	9.0	73245.4	-1747.7	2167	9.2	74202.2	-1744.0
1898	8.9	71105.6	-1756.8	1988	9.8	72133.2	-1758.7	2078	9.0	73254.5	-1754.5	2168	9.8	74207.4	-1716.1
1899	9.6	71106.1	-1751.9	1989	9.2	72200.3	-1701.5	2079	9.9	73302.1	-1758.1	2169	9.1	74209.0	-1720.9
1900	9.8	71116.1	-1733.7	1990	9.8	72215.1	-1744.1	2080	9.3	73307.5	-1735.8	2170	9.8	74212.6	-1736.4
1901	9.2	71125.2	-1709.1	1991	9.8	72222.6	-1753.9	2081	7.6	73309.2	-1732.1	2171	8.1	74214.7	-1702.8
1902	9.2	71131.8	-1722.3	1992	9.8	72237.4	-1712.8	2082	9.9	73317.6	-1734.2	2172	9.0	74216.2	-1739.7
1903	9.5	71134.3	-1756.3	1993	9.1	72239.9	-1713.0	2083	9.1	73319.7	-1734.6	2173	9.0	74224.9	-1744.1
1904	10.	71136.3	-1705.6	1994	9.7	72244.8	-1712.0	2084	10.	73320.3	-1759.2	2174	9.5	74243.5	-1734.8
1905	9.5	71145.7	-1757.2	1995	9.5	72245.5	-1751.5	2085	9.6	73321.5	-1725.3	2175	9.8	74252.8	-1713.7
1906	9.7	71145.9	-1712.1	1996	7.5	72250.3	-1702.7	2086	10.	73325.0	-1702.9	2176	9.6	74255.0	-1707.0
1907	8.9	71146.8	-1709.0	1997	9.4	72303.0	-1718.8	2087	9.8	73329.7	-1718.6	2177	9.3	74326.7	-1708.0
1908	10.	71201.1	-1725.7	1998	8.7	72305.9	-1717.0	2088	9.9	73331.2	-1707.8	2178	9.1	74327.5	-1700.8
1909	9.6	71206.8	-1748.0	1999	9.0	72312.3	-1712.2	2089	9.0	73334.3	-1707.9	2179	8.7	74333.2	-1741.1
1910	9.8	71211.2	-1749.1	2000	8.7	72325.5	-1714.1	2090	9.7	73336.4	-1751.1	2180	9.4	74351.9	-1722.5
1911	9.4	71213.0	-1730.5	2001	9.8	72326.8	-1752.0	2091	9.4	73357.7	-1732.2	2181	9.4	74417.2	-1713.4
1912	10.	71224.1	-1746.2	2002	9.8	72326.9	-1750.9	2092	9.3	73358.3	-1737.8	2182	9.5	74421.0	-1724.8
1913	8.8	71233.0	-1746.6	2003	10.	72326.9	-1706.0	2093	9.8	73401.9	-1703.6	2183	9.4	74425.6	-1709.0
1914	8.8	71241.6	-1749.6	2004	8.6	72328.9	-1741.8	2094	9.4	73412.1	-1725.6	2184	10.	74431.9	-1729.5
1915	9.6	71245.0	-1716.7	2005	9.0	72354.9	-1704.5	2095	10.	73422.8	-1751.2	2185	6.5	74436.8	-1752.5
1916	8.6	71246.6	-1734.6	2006	8.6	72403.0	-1701.1	2096	10.	73434.3	-1728.1	2186	9.1	74459.6	-1717.3
1917	6.9	71249.9	-1715.2	2007	9.0	72406.7	-1732.8	2097	9.8	73438.7	-1730.8	2187	9.5	74514.2	-1747.4
1918	10.	71256.0	-1747.4	2008	9.6	72407.6	-1727.2	2098	9.0	73441.1	-1747.4	2188	7.9	74517.0	-1759.2
1919	9.3	71257.3	-1753.4	2009	9.2	72409.3	-1736.8	2099	9.5	73502.2	-1708.9	2189	8.7	74518.6	-1755.1
1920	9.3	71316.4	-1748.3	2010	9.0	72424.1	-1757.3	2100	9.8	73503.4	-1735.3	2190	9.0	74519.3	-1700.9
1921	9.1	71319.2	-1716.5	2011	9.5	72433.3	-1758.1	2101	9.5	73506.5	-1705.6	2191	9.4	74524.7	-1716.0
1922	9.5	71335.6	-1711.0	2012	9.3	72436.8	-1705.1	2102	9.3	73508.3	-1745.1	2192	9.5	74528.4	-1722.8
1923	8.5	71351.8	-1735.8	2013	9.0	72438.8	-1724.0	2103	10.	73513.1	-1706.7	2193	9.7	74529.5	-1724.0
1924	9.1	71408.6	-1703.4	2014	9.0	72439.9	-1742.2	2104	9.5	73520.0	-1758.0	2194	9.8	74531.1	-1732.9
1925	10.	71429.7	-1723.5	2015	8.9	72448.1	-1722.5	2105	20.0	73527.9	-1752.1	2195	9.5	74537.9	-1737.8
1926	9.8	71433.5	-1725.8	2016	9.1	72501.0	-1735.8	2106	8.7	73538.8	-1752.0	2196	8.5	74539.5	-1724.6
1927	9.7	71452.8	-1728.9	2017	9.2	72514.0	-1740.1	2107	9.8	73548.2	-1740.0	2197	9.8	74544.7	-1723.8
1928	10.	71501.6	-1736.3	2018	9.5	72522.1	-1756.3	2108	8.8	73552.8	-1755.6	2198	8.3	74553.7	-1738.9
1929	9.1	71509.6	-1753.1	2019	9.9	72539.7	-1751.6	2109	9.8	73602.4	-1754.7	2199	9.1	74555.4	-1729.9
1930	9.4	71519.4	-1735.0	2020	9.5	72542.6	-1721.1	2110	9.6	73616.2	-1703.7	2200	9.8	74606.8	-1758.8
1931	9.9	71520.0	-1725.6	2021	9.0	72555.4	-1712.1	2111	9.3	73617.2	-1708.4	2201	9.5	74608.4	-1744.9
1932	10.	71523.1	-1706.6	2022	9.2	72556.8	-1732.9	2112	9.5	73618.2	-1720.0	2202	9.9	74610.9	-1720.9
1933	9.7	71533.9	-1746.3	2023	7.3	72557.3	-1756.4	2113	9.0	73621.5	-1721.2	2203	9.3	74618.6	-1702.8
1934	9.8	71536.9	-1703.9	2024	9.8	72603.2	-1703.4	2114	9.6	73634.2	-1708.4	2204	10.	74618.9	-1720.0
1935	8.5	71538.8	-1732.8	2025	9.0	72620.3	-1756.0	2115	9.3	73647.4	-1754.3	2205	9.0	74625.0	-1708.1
1936	9.3	71540.8	-1730.4	2026	9.5	72624.1	-1759.0	2116	9.4	73649.6	-1750.7	2206	9.8	74625.2	-1702.8
1937	8.2	71553.1	-1732.3	2027	9.9	72634.3	-1738.8	2117	9.5	73654.5	-1757.2	2207	10.	74626.4	-1724.3
1938	10.	71555.5	-1745.2	2028	9.8	72639.3	-1752.3	2118	8.2	73707.3	-1713.3	2208	9.5	74628.3	-1751.2
1939	9.4	71611.0	-1718.1	2029	9.0	72642.2	-1730.7	2119	9.5	73709.1	-1706.8	2209	9.7	74631.9	-1700.1
1940	9.5	71611.4	-1725.7	2030	9.4	72643.0	-1720.0	2120	8.6	73716.7	-1735.7	2210	9.8	74642.1	-1735.8
1941	8.3	71612.5	-1721.3	2031	9.5	72646.9	-1744.1	2121	9.4	73717.8	-1739.8	2211	10.	74649.9	-1748.6
1942	8.7	71625.6	-1732.6	2032	9.8	72704.1	-1726.9	2122	9.5	73721.2	-1746.9	2212	9.6	74657.2	-1717.5
1943	10.	71626.6	-1748.5	2033	9.0	72713.7	-1742.4	2123	9.5	73735.5	-1759.6	2213	10.	74657.8	-1736.1
1944	10.	71631.9	-1740.3	2034	9.4	72715.7	-1732.5	2124	9.8	73737.1	-1741.5	2214	10.	74701.9	-1744.8
1945	9.7	71640.4	-1725.5	2035	9.6	72726.4	-1714.6	2125	9.5	73744.2	-1738.5	2215	9.8	74724.6	-1740.1
1946	10.	71643.9	-1700.0	2036	9.8	72731.9	-1706.3	2126	8.2	73746.0	-1731.1	2216	9.2	74728.3	-1730.7
1947	7.8	71644.7	-1728.8	2037	9.0	72733.6	-1730.2	2127	10.	73750.3	-1750.9	2217	9.4	74733.3	-1757.5
1948	9.2	71646.7	-1724.4	2038	10.	72741.3	-1724.2	2128	9.2	73756.0	-1748.6	2218	9.2	74737.6	-1710.2
1949	10.	71651.8	-1747.1	2039	10.	72743.8	-1731.8	2129	9.5	73811.5	-1734.5	2219	7.0	74738.0	-1757.2
1950	10.	71654.3	-1751.4	2040	9.5	72801.6	-1745.8	2130	7.8	73813.3	-1720.9	2220	8.2	74739.4	-1745.4
1951	9.8	71658.9	-1704.8	2041	9.7	72803.8	-1740.9	2131	9.8	73819.4	-1755.7	2221	9.1	74751.0	-1725.8
1952	10.	71701.8	-1756.0	2042	9.8	72814.2	-1722.3	2132	9.5	73828.2	-1700.3	2222	9.0	74752.0	-1725.4
1953	9.5	71708.1	-1721.7	2043	9.0	72829.3	-1710.9	2133	8.8	73830.3	-1722.9	2223	8.9	74757.1	-1715.9
1954	9.1	71718.7	-1726.7	2044	9.5	72830.1	-1726.8	2134	9.6	73839.8	-1721.5	2224	10.	74805.8	-1710.8
1955	7.5	71724.9	-1708.0	2045	9.2	72832.0	-1755.0	2135	9.5	73843.9	-1753.1	2225	8.7	74809.2	-1752.5
1956	9.3	71727.4	-1746.3	2046	9.3	72833.9	-1711.9	2136	10.	73845.2	-1716.9	2226	9.5	74815.4	-1706.9
1957	10.	71745.3	-1747.6	2047	9.5	72840.2	-1706.9	2137	8.7	73848.3	-1740.9	2227	9.6	74817.4	-1714.3
1958	9.6	71806.3	-1703.8	2048	7.7	72842.9	-1714.3	2138	8.9	73849.4	-1752.6	2228	9.6	74819.0	-1714.2
1959	9.8	71806.9	-1736.8	2049	10.	72847.1	-1759.0	2139	9.4	73904.0	-1748.0	2229	8.7	74825.2	-1741.3
1960	9.0	71808.4	-1748.1	2050	8.9	72848.7	-1705.0	2140	9.8	73912.5	-1759.8	2230	9.4	74825.2	-1751.2
1961	9.5	71812.4	-1741.0	2051	9.5	72851.1	-1727.7	2141	9.1	73922.3	-1732.1	2231	10.	74840.0	-1743.8
1962	9.8	71836.5	-1748.3	2052	9.3	72852.6	-1758.1	2142	9.4	73925.4	-1747.4	2232	9.8	74840.7	-1750.0
1963	9.5	71839.7	-1727.8	2053	8.5	72853.0	-1735.9	2143	10.	73934.5	-1733.9	2233	9.3	74846.4	-1745.6
1964	9.3	71842.4	-1739.7	2054	10.	72905.1	-1759.3	2144	9.1	73935.2	-1715.9	2234	9.8	74912.4	-1707.6
1965	10.	71851.4	-1741.8	2055	9.4	72912.0	-1745.2	2145	9.8	73936.1	-1744.0	2235	9.6	74916.5	-1751.5
1966	10.	71856.8	-1759.2	2056	9.2	72933.2	-1730.5	2146	9.2	73936.3	-1719.7	2236	9.3	74933.0	-1714.6
1967	8.8	71905.7	-1726.1	2057	9.0	72937.7	-1736.4	2147	9.5	73938.9	-1756.3	2237	9.2	74943.5	-1712.1
1968	9.5	71910.5	-1727.4	2058	8.5	72945.1	-1729.5	2148	10.	73942.5	-1733.7	2238	9.6	74952.1	-1744.9
1969	10.	71932.2	-1725.3	2059	9.1	72956.7	-1707.5	2149	9.2	73944.0	-1729.1	2239	9.1	74954.0	-1717.5
1970	8.2	71934.0	-1751.0	2060	10.	73018.9	-1750.6	2150	9.8	73950.0	-1724.4	2240	9.8	75007.9	-1709.6
1971	8.0	71941.0	-1749.8	2061	9.8	73027.8	-1711.1	2151	10.	74006.7	-1746.0	2241	9.4	75017.0	-1726.1
1972	9.1	71946.6	-1703.4	2062	9.3	73104.0	-1742.1	2152	9.5	74009.1	-1753.4	2242	9.4	75021.5	-1703.8
1973	8.5	71955.8	-1732.5	2063	8.8	73116.9	-1706.0	2153	9.8	74019.2	-1713.9	2243	9.6	75030.0	-1742.1
1974	9.7	72009.9	-1750.8	2064	9.8	73124.8	-1745.3	2154	9.4	74033.9	-1757.0	2244	9.3	75031.8	-1749.6
1975	9.2	72011.6	-1752.9	2065	9.8	73128.1	-1748.8	2155	9.7	74040.4	-1701.0	2245	9.3	75036.5	-1701.4
1976	9.0	72014.6	-1701.8	2066	9.7	73128.3	-1759.2	2156	9.8	74044.3	-1720.4	2246	9.1	75045.9	-1711.0
1977	9.4	72030.4	-1712.8	2067	9.8	73134.4	-1714.2	2157	9.4	74045.8	-1748.6	2247	8.8	75054.8	-1734.5
1978	9.6	72037.0	-1718.2	2068	8.9	73140.3	-1701.4	2158	9.1	74054.4	-1707.5	2248	9.8	75059.2	-1724.4
1979	9.8	72037.2	-1701.9	2069	9.5	73141.9	-1700.1	2159	9.3	74103.6	-1743.5	2249	8.9	75111.4	-1736.5
1980	6.0	72039.8	-1734.2	2070	9.6	73153.3	-1748.7	2160	8.9	74110.6	-1739.0	2250	10.	75127.9	-1735.8
1981	8.7	72054.0	-1715.3	2071	9.4	73158.4	-1748.1	2161	9.8	74122.7	-1708.6	2251	9.9	75133.2	-1725.7

2252	8.8	75136.8	-1721.9	2342	9.1	80116.6	-1705.9	2432	9.2	81147.2	-1724.6	2522	8.0	82332.4	-1751.6
2253	9.3	75137.1	-1747.7	2343	9.8	80120.1	-1730.6	2433	9.5	81151.3	-1758.9	2523	10.	82340.8	-1734.3
2254	10.	75137.8	-1704.1	2344	9.4	80129.0	-1715.2	2434	10.	81202.2	-1726.3	2524	9.5	82351.4	-1718.3
2255	10.	75145.5	-1742.8	2345	9.7	80133.2	-1712.1	2435	10.	81207.3	-1722.2	2525	9.1	82351.9	-1751.0
2256	9.5	75149.7	-1730.0	2346	9.8	80134.7	-1745.4	2436	10.	81217.4	-1726.9	2526	9.4	82358.3	-1736.1
2257	8.6	75156.8	-1747.8	2347	9.3	80136.3	-1758.3	2437	9.0	81223.9	-1732.9	2527	8.8	82410.7	-1734.1
2258	9.8	75220.6	-1724.0	2348	9.5	80138.4	-1748.4	2438	9.3	81228.2	-1723.9	2528	8.8	82413.3	-1737.0
2259	10.	75226.9	-1745.8	2349	9.0	80139.6	-1722.1	2439	9.1	81231.3	-1746.9	2529	9.8	82414.8	-1748.5
2260	9.3	75228.2	-1736.7	2350	10.	80147.5	-1759.9	2440	9.3	81247.2	-1711.7	2530	8.7	82441.2	-1756.8
2261	9.3	75237.8	-1748.9	2351	10.	80158.6	-1729.8	2441	9.4	81254.0	-1743.4	2531	9.8	82457.8	-1735.4
2262	9.2	75247.9	-1756.4	2352	8.5	80208.0	-1758.9	2442	9.1	81310.3	-1748.9	2532	9.5	82513.6	-1723.8
2263	9.5	75253.5	-1713.1	2353	10.	80208.9	-1720.7	2443	9.8	81310.6	-1745.0	2533	9.2	82522.1	-1751.9
2264	9.8	75259.4	-1743.1	2354	9.8	80209.6	-1730.6	2444	9.0	81317.5	-1740.0	2534	7.0	82524.7	-1753.8
2265	9.2	75300.7	-1738.8	2355	10.	80214.0	-1727.5	2445	9.8	81320.5	-1754.1	2535	9.5	82533.7	-1744.7
2266	9.8	75304.3	-1730.3	2356	9.4	80214.6	-1742.6	2446	9.9	81325.2	-1727.9	2536	9.0	82542.5	-1725.8
2267	9.2	75306.9	-1706.7	2357	9.8	80223.0	-1715.8	2447	9.5	81329.9	-1745.5	2537	9.6	82546.1	-1744.6
2268	9.3	75310.6	-1755.0	2358	9.9	80224.3	-1720.3	2448	9.3	81336.4	-1755.8	2538	9.5	82554.3	-1748.4
2269	9.3	75320.5	-1739.9	2359	9.5	80238.2	-1706.7	2449	9.4	81339.1	-1717.8	2539	9.8	82557.6	-1734.1
2270	10.	75326.3	-1731.7	2360	9.8	80256.1	-1728.7	2450	9.4	81339.7	-1719.4	2540	9.5	82601.3	-1745.4
2271	9.2	75338.7	-1737.3	2361	9.3	80307.5	-1711.3	2451	10.	81353.9	-1745.0	2541	8.8	82601.7	-1708.3
2272	8.8	75339.0	-1746.6	2362	9.1	80308.4	-1757.5	2452	10.	81359.0	-1752.1	2542	9.4	82609.7	-1725.0
2273	8.8	75340.6	-1726.7	2363	9.0	80309.1	-1717.5	2453	9.2	81400.2	-1723.1	2543	10.	82630.8	-1729.8
2274	8.0	75348.4	-1736.4	2364	9.3	80316.3	-1752.9	2454	10.	81402.8	-1701.9	2544	9.8	82635.0	-1701.5
2275	10.	75352.5	-1719.4	2365	10.	80320.8	-1705.7	2455	9.1	81408.8	-1732.2	2545	9.1	82638.6	-1757.0
2276	8.0	75358.0	-1732.2	2366	9.7	80323.0	-1739.2	2456	9.5	81409.2	-1723.3	2546	9.9	82647.3	-1703.2
2277	9.0	75401.4	-1714.0	2367	8.7	80325.9	-1753.3	2457	10.	81411.1	-1751.7	2547	10.	82648.4	-1734.4
2278	9.1	75409.0	-1716.0	2368	9.1	80327.0	-1756.7	2458	9.8	81411.4	-1708.6	2548	10.	82653.6	-1730.6
2279	10.	75419.7	-1751.4	2369	10.	80327.2	-1741.1	2459	9.4	81431.0	-1739.0	2549	9.0	82656.8	-1717.0
2280	9.9	75420.9	-1741.4	2370	9.2	80330.1	-1708.8	2460	9.4	81439.6	-1717.8	2550	9.5	82702.1	-1700.5
2281	9.1	75431.6	-1753.7	2371	8.7	80340.8	-1729.7	2461	8.8	81443.5	-1717.1	2551	10.	82710.7	-1702.4
2282	10.	75435.5	-1705.4	2372	8.2	80349.1	-1745.8	2462	9.0	81503.9	-1753.8	2552	9.0	82714.8	-1714.7
2283	9.9	75436.1	-1736.0	2373	9.1	80354.2	-1713.2	2463	9.2	81507.4	-1709.2	2553	9.1	82718.9	-1756.7
2284	10.	75437.3	-1737.6	2374	9.5	80401.7	-1739.6	2464	6.0	81519.9	-1707.5	2554	9.9	82720.5	-1737.4
2285	10.	75451.6	-1750.7	2375	9.8	80406.5	-1726.6	2465	9.3	81526.6	-1745.5	2555	9.2	82721.0	-1724.2
2286	9.5	75500.4	-1747.1	2376	9.4	80414.3	-1718.0	2466	8.6	81532.8	-1731.2	2556	10.	82732.1	-1701.2
2287	9.6	75503.4	-1749.5	2377	9.0	80416.2	-1749.7	2467	9.4	81538.1	-1717.7	2557	9.7	82737.1	-1745.3
2288	10.	75503.5	-1726.8	2378	8.0	80430.8	-1756.3	2468	10.	81600.4	-1734.7	2558	10.	82738.2	-1713.5
2289	9.8	75503.5	-1731.6	2379	9.8	80434.8	-1726.1	2469	9.5	81606.4	-1750.6	2559	9.9	82739.5	-1730.4
2290	9.8	75508.7	-1714.4	2380	9.6	80437.8	-1746.6	2470	9.2	81614.8	-1733.7	2560	9.9	82740.6	-1720.9
2291	10.	75527.2	-1738.1	2381	9.9	80451.6	-1744.7	2471	9.4	81627.4	-1710.5	2561	9.0	82744.3	-1713.5
2292	8.7	75527.4	-1711.8	2382	9.7	80453.0	-1712.8	2472	9.0	81645.8	-1736.4	2562	9.5	82754.7	-1706.5
2293	9.8	75601.3	-1739.7	2383	9.1	80457.9	-1747.5	2473	10.	81700.2	-1718.9	2563	9.4	82757.7	-1711.7
2294	9.4	75602.2	-1740.8	2384	9.8	80509.6	-1717.0	2474	10.	81701.5	-1726.5	2564	9.4	82804.4	-1752.2
2295	8.7	75608.4	-1716.1	2385	9.0	80518.1	-1748.6	2475	9.0	81702.5	-1746.6	2565	9.4	82804.6	-1753.8
2296	9.3	75616.0	-1743.8	2386	9.8	80530.7	-1736.1	2476	10.	81726.3	-1733.5	2566	9.4	82805.8	-1717.2
2297	9.8	75616.4	-1736.2	2387	9.9	80537.5	-1703.4	2477	8.6	81736.5	-1742.1	2567	9.1	82811.0	-1711.5
2298	9.1	75637.5	-1732.5	2388	9.6	80543.5	-1720.5	2478	10.	81749.8	-1734.0	2568	9.5	82845.6	-1752.1
2299	9.3	75648.5	-1702.8	2389	9.9	80553.1	-1756.8	2479	9.4	81803.2	-1727.1	2569	10.	82847.0	-1712.5
2300	9.2	75649.6	-1726.0	2390	9.5	80556.5	-1701.2	2480	9.2	81811.3	-1759.5	2570	9.4	82850.5	-1758.2
2301	9.5	75654.4	-1750.4	2391	9.8	80556.5	-1730.6	2481	9.5	81824.7	-1722.2	2571	9.4	82853.3	-1712.1
2302	9.5	75705.0	-1755.9	2392	9.0	80613.5	-1748.4	2482	9.2	81833.2	-1726.9	2572	9.2	82903.6	-1751.7
2303	10.	75709.9	-1748.0	2393	10.	80618.4	-1758.7	2483	10.	81836.0	-1738.7	2573	9.1	82916.4	-1718.4
2304	8.8	75717.3	-1709.5	2394	9.4	80643.0	-1740.9	2484	9.4	81848.6	-1725.5	2574	10.	82947.2	-1711.8
2305	9.1	75718.5	-1738.8	2395	7.8	80648.0	-1741.9	2485	9.3	81855.7	-1711.4	2575	9.1	82954.6	-1742.1
2306	9.9	75726.8	-1743.6	2396	9.4	80655.1	-1723.5	2486	9.8	81856.9	-1738.5	2576	8.4	82955.8	-1731.5
2307	9.2	75739.9	-1718.4	2397	9.2	80705.4	-1714.0	2487	10.	81911.3	-1757.0	2577	9.5	83006.4	-1722.7
2308	9.2	75741.7	-1731.8	2398	9.8	80719.9	-1751.1	2488	9.2	81913.8	-1759.5	2578	10.	83017.7	-1728.8
2309	9.4	75745.8	-1739.5	2399	8.3	80723.4	-1713.8	2489	9.5	81919.0	-1715.0	2579	10.	83017.9	-1736.4
2310	9.9	75749.3	-1711.7	2400	9.0	80724.1	-1743.2	2490	9.9	81929.2	-1701.9	2580	8.7	83019.4	-1722.3
2311	6.8	75759.9	-1715.3	2401	9.4	80738.4	-1704.9	2491	8.8	81933.4	-1740.9	2581	9.1	83031.6	-1706.7
2312	9.8	75808.1	-1729.1	2402	9.8	80754.2	-1713.7	2492	9.9	81935.1	-1743.6	2582	9.3	83048.8	-1750.3
2313	9.1	75809.2	-1721.7	2403	9.5	80757.5	-1753.6	2493	8.2	81942.4	-1735.7	2583	9.1	83054.5	-1757.0
2314	9.7	75819.4	-1718.6	2404	9.0	80757.7	-1718.5	2494	9.7	81945.8	-1722.6	2584	10.	83106.9	-1725.1
2315	9.8	75824.3	-1709.6	2405	9.2	80804.6	-1727.4	2495	9.7	81954.4	-1741.7	2585	10.	83107.1	-1710.7
2316	9.5	75826.2	-1700.8	2406	9.4	80807.9	-1726.0	2496	9.3	82004.6	-1701.6	2586	8.5	83114.1	-1734.4
2317	9.1	75827.3	-1722.8	2407	9.0	80823.2	-1715.7	2497	7.3	82014.1	-1741.8	2587	9.0	83118.0	-1754.3
2318	9.2	75831.5	-1755.6	2408	8.7	80825.4	-1705.2	2498	9.2	82015.9	-1750.2	2588	10.	83123.8	-1702.0
2319	9.7	75837.3	-1749.3	2409	9.2	80827.1	-1742.2	2499	9.8	82017.2	-1722.3	2589	9.5	83128.7	-1705.7
2320	9.5	75846.2	-1736.8	2410	9.3	80828.3	-1753.7	2500	8.7	82025.4	-1741.2	2590	9.8	83139.6	-1710.6
2321	8.7	75847.4	-1734.2	2411	9.4	80845.9	-1753.4	2501	10.	82041.9	-1735.1	2591	9.4	83149.5	-1746.8
2322	9.0	75849.4	-1756.6	2412	9.0	80907.9	-1743.8	2502	10.	82056.5	-1737.7	2592	9.8	83149.6	-1707.4
2323	10.	75900.5	-1706.7	2413	10.	80908.1	-1710.8	2503	9.5	82102.7	-1721.3	2593	8.5	83203.2	-1755.8
2324	9.0	75910.9	-1742.0	2414	9.2	80926.8	-1759.9	2504	9.4	82113.6	-1719.8	2594	10.	83216.9	-1739.8
2325	9.8	75920.0	-1709.4	2415	9.8	80929.6	-1713.2	2505	9.3	82119.7	-1753.0	2595	9.0	83224.2	-1728.7
2326	8.5	75921.9	-1754.1	2416	9.5	80930.8	-1759.3	2506	9.9	82129.5	-1702.6	2596	9.2	83233.8	-1723.3
2327	9.2	75922.7	-1750.2	2417	8.5	80933.3	-1724.8	2507	8.4	82132.3	-1712.7	2597	7.0	83252.8	-1745.7
2328	9.8	75926.4	-1706.9	2418	9.0	80940.7	-1714.3	2508	9.6	82132.9	-1757.2	2598	9.4	83257.0	-1756.2
2329	9.4	75928.1	-1731.7	2419	9.1	80956.1	-1747.4	2509	8.6	82135.4	-1704.5	2599	9.4	83257.7	-1758.7
2330	9.4	75934.5	-1755.0	2420	9.8	81003.8	-1704.9	2510	8.9	82136.7	-1733.2	2600	9.8	83305.9	-1736.2
2331	7.8	75947.1	-1747.8	2421	10.	81007.7	-1718.8	2511	10.	82150.2	-1728.4	2601	8.7	83510.0	-1756.0
2332	9.7	80005.7	-1749.7	2422	9.9	81016.2	-1702.7	2512	8.0	82206.5	-1702.9	2602	9.8	83317.9	-1737.4
2333	9.0	80013.5	-1725.4	2423	9.3	81019.1	-1724.9	2513	10.	82213.9	-1742.4	2603	9.2	83319.4	-1711.8
2334	9.3	80016.5	-1739.0	2424	9.6	81028.4	-1731.0	2514	9.5	82215.1	-1723.4	2604	8.8	83321.1	-1744.0
2335	10.	80029.3	-1736.1	2425	9.3	81041.0	-1751.8	2515	8.5	82217.6	-1728.8	2605	9.2	83338.8	-1720.0
2336	9.3	80045.9	-1753.9	2426	9.3	81041.5	-1750.6	2516	9.2	82235.8	-1719.0	2606	10.	83347.7	-1714.7
2337	8.7	80046.2	-1736.4	2427	9.5	81058.2	-1719.0	2517	10.	82250.2	-1700.6	2607	9.0	83358.9	-1747.7
2338	9.5	80053.1	-1705.0	2428	10.	81109.6	-1742.5	2518	8.7	82250.7	-1715.5	2608	9.4	83405.3	-1721.4
2339	9.3	80055.6	-1727.7	2429	8.8	81128.3	-1759.7	2519	9.4	82307.3	-1707.8	2609	9.0	83408.1	-1738.2
2340	9.1	80104.2	-1710.7	2430	9.7	81134.5	-1747.9	2520	9.0	82309.6	-1748.0	2610	9.3	83416.9	-1730.6
2341	9.4	80113.5	-1726.9	2431	9.4	81142.1	-1715.0	2521	9.5	82317.3	-1736.2	2611	9.4	83418.7	-1743.6

2612	9.8	83430.1 -1735.5	2702	9.4	85049.8 -1727.2	2792	9.0	90653.2 -1755.8	2882	9.4	92418.4 -1725.7
2613	9.8	83455.5 -1758.3	2703	9.3	85102.3 -1733.7	2793	10.	90733.1 -1755.4	2883	10.	92434.7 -1717.1
2614	8.4	83508.1 -1748.7	2704	9.4	85110.4 -1757.7	2794	9.3	90736.6 -1736.4	2884	9.5	92437.0 -1708.8
2615	9.5	83529.8 -1721.2	2705	10.	85131.3 -1702.7	2795	10.	90800.1 -1758.0	2885	8.2	92440.2 -1746.9
2616	9.3	83532.4 -1700.3	2706	8.7	85222.7 -1712.0	2796	9.2	90817.9 -1730.6	2886	9.1	92500.5 -1734.2
2617	9.8	83552.3 -1754.1	2707	9.5	85256.1 -1709.2	2797	9.7	90823.8 -1724.9	2887	9.8	92506.4 -1704.7
2618	9.4	83602.0 -1712.7	2708	9.3	85310.5 -1750.4	2798	9.2	90824.3 -1706.0	2888	9.1	92511.8 -1724.6
2619	9.8	83602.6 -1746.7	2709	9.5	85331.4 -1730.3	2799	8.8	90829.3 -1721.8	2889	9.8	92528.5 -1751.5
2620	9.7	83605.1 -1717.2	2710	9.7	85342.0 -1703.8	2800	9.5	90848.2 -1718.2	2890	9.3	92536.2 -1720.7
2621	9.3	83608.3 -1700.7	2711	8.9	85349.4 -1739.9	2801	9.0	90852.8 -1751.9	2891	9.5	92536.5 -1752.3
2622	9.5	83628.5 -1710.3	2712	8.5	85406.2 -1746.6	2802	9.8	90927.6 -1740.1	2892	9.3	92544.8 -1728.5
2623	9.0	83640.2 -1724.1	2713	10.	85424.3 -1725.8	2803	9.3	90935.7 -1741.4	2893	9.0	92553.9 -1705.6
2624	9.5	83653.9 -1707.8	2714	9.7	85446.8 -1726.0	2804	8.8	90959.8 -1703.8	2894	9.9	92607.8 -1744.1
2625	9.4	83654.8 -1704.7	2715	9.3	85450.4 -1733.8	2805	9.3	91004.8 -1729.3	2895	9.0	92627.1 -1738.2
2626	9.3	83659.4 -1708.0	2716	9.4	85503.6 -1710.4	2806	9.6	91024.5 -1741.5	2896	9.8	92627.9 -1730.5
2627	9.8	83703.3 -1753.0	2717	9.0	85506.1 -1756.4	2807	10.	91040.0 -1758.4	2897	9.9	92637.0 -1755.1
2628	9.4	83703.9 -1726.5	2718	10.	85508.6 -1740.8	2808	9.1	91048.5 -1740.3	2898	9.0	92736.6 -1720.9
2629	9.3	83705.4 -1731.4	2719	9.8	85524.2 -1720.6	2809	9.7	91055.6 -1730.7	2899	9.1	92741.5 -1713.6
2630	9.8	83723.2 -1725.5	2720	9.3	85526.0 -1753.2	2810	9.4	91057.4 -1729.7	2900	9.3	92806.8 -1747.4
2631	9.2	83730.5 -1709.8	2721	9.5	85533.8 -1741.4	2811	10.	91113.7 -1740.9	2901	9.3	92841.0 -1714.5
2632	8.5	83746.1 -1729.4	2722	9.1	85540.5 -1710.3	2812	10.	91114.7 -1747.9	2902	10.	92915.0 -1740.3
2633	9.8	83747.0 -1747.9	2723	9.6	85615.7 -1749.4	2813	9.1	91115.9 -1743.3	2903	9.8	92927.8 -1729.4
2634	10.	83808.5 -1721.1	2724	9.5	85616.2 -1722.1	2814	7.8	91126.0 -1738.4	2904	8.3	92929.1 -1759.6
2635	10.	83808.8 -1719.0	2725	9.8	85623.5 -1744.1	2815	9.8	91155.4 -1706.8	2905	10.	92937.0 -1742.2
2636	10.	83808.8 -1754.5	2726	9.1	85625.9 -1705.0	2816	9.2	91156.3 -1735.9	2906	10.	92956.0 -1725.4
2637	9.4	83810.7 -1700.8	2727	9.0	85626.4 -1705.4	2817	9.5	91232.1 -1706.9	2907	9.5	92957.0 -1740.0
2638	10.	83815.4 -1703.5	2728	9.9	85707.6 -1749.7	2818	9.7	91233.1 -1745.2	2908	9.6	93019.1 -1722.7
2639	10.	83817.7 -1721.4	2729	10.	85708.7 -1739.8	2819	9.3	91240.5 -1706.6	2909	9.5	93034.9 -1707.9
2640	9.4	83823.9 -1735.1	2730	8.2	85722.7 -1758.1	2820	9.3	91249.5 -1728.1	2910	8.7	93035.5 -1747.3
2641	8.5	83902.6 -1718.0	2731	9.3	85728.0 -1716.5	2821	9.1	91311.9 -1734.5	2911	9.7	93044.3 -1758.2
2642	9.6	83903.0 -1738.5	2732	9.0	85729.4 -1707.4	2822	9.3	91314.2 -1728.7	2912	9.6	93051.5 -1717.0
2643	9.4	83906.6 -1716.1	2733	9.9	85735.9 -1707.6	2823	8.5	91321.4 -1756.0	2913	9.1	93054.1 -1737.9
2644	9.4	83914.8 -1758.1	2734	10.	85757.4 -1748.9	2824	10.	91330.1 -1719.5	2914	9.3	93108.7 -1705.7
2645	9.5	83947.0 -1750.6	2735	10.	85758.6 -1751.0	2825	10.	91332.8 -1702.2	2915	10.	93109.3 -1755.5
2646	9.3	84001.9 -1705.4	2736	9.5	85811.9 -1737.7	2826	8.7	91359.4 -1737.4	2916	9.1	93116.8 -1758.4
2647	9.0	84005.2 -1725.4	2737	10.	85819.8 -1735.3	2827	10.	91421.9 -1755.9	2917	9.8	93131.9 -1740.0
2648	9.2	84009.8 -1725.8	2738	9.8	85820.7 -1734.0	2828	9.0	91444.3 -1707.6	2918	9.6	93139.6 -1741.7
2649	9.5	84017.8 -1727.9	2739	9.8	85833.7 -1740.7	2829	8.5	91447.4 -1708.5	2919	9.7	93141.1 -1748.0
2650	9.8	84051.9 -1743.8	2740	9.3	85834.6 -1758.2	2830	9.8	91451.8 -1739.6	2920	9.6	93145.1 -1702.1
2651	9.3	84103.9 -1712.6	2741	9.4	85844.6 -1718.1	2831	9.8	91509.9 -1753.2	2921	8.2	93209.7 -1731.8
2652	10.	84133.0 -1704.5	2742	8.9	85900.7 -1712.9	2832	9.5	91517.7 -1719.9	2922	8.3	93232.8 -1739.8
2653	9.4	84133.6 -1732.2	2743	8.5	85916.4 -1757.3	2833	9.5	91519.9 -1711.4	2923	9.5	93252.3 -1741.9
2654	9.4	84143.0 -1716.8	2744	9.5	85929.7 -1705.6	2834	9.4	91539.8 -1738.5	2924	8.2	93255.6 -1725.0
2655	8.2	84151.3 -1730.9	2745	9.0	85933.3 -1710.7	2835	7.5	91544.0 -1716.2	2925	9.3	93309.4 -1738.1
2656	9.4	84154.2 -1728.7	2746	10.	85940.4 -1712.7	2836	9.1	91547.6 -1724.1	2926	10.	93316.5 -1718.4
2657	9.5	84208.6 -1720.2	2747	9.8	85943.4 -1714.6	2837	9.2	91554.0 -1703.4	2927	10.	93316.8 -1748.0
2658	9.5	84212.4 -1752.9	2748	9.3	85952.5 -1707.4	2838	9.8	91557.8 -1734.0	2928	10.	93333.8 -1746.3
2659	9.5	84217.3 -1728.4	2749	9.9	85959.9 -1740.9	2839	9.8	91603.4 -1749.2	2929	9.0	93349.2 -1751.7
2660	8.5	84232.7 -1727.3	2750	9.4	90003.3 -1742.5	2840	9.3	91615.8 -1754.7	2930	8.5	93349.7 -1749.6
2661	8.9	84304.5 -1740.9	2751	7.2	90012.8 -1737.3	2841	9.3	91617.1 -1720.8	2931	9.2	93418.3 -1713.5
2662	10	84305.0 -1731.5	2752	9.0	90018.4 -1716.7	2842	10.	91642.7 -1702.2	2932	9.3	93426.8 -1746.9
2663	9.0	84305.6 -1736.3	2753	9.8	90055.7 -1712.2	2843	8.7	91701.8 -1708.3	2933	7.7	93442.4 -1749.6
2664	9.1	84334.4 -1738.0	2754	10.	90110.6 -1744.7	2844	10.	91726.7 -1703.1	2934	8.7	93445.6 -1713.9
2665	8.7	84339.5 -1720.6	2755	9.0	90123.5 -1730.3	2845	10.	91728.3 -1724.4	2935	9.1	93453.5 -1725.7
2666	9.2	84346.4 -1754.0	2756	9.8	90124.4 -1715.2	2846	8.8	91734.7 -1750.0	2936	8.6	93500.0 -1708.3
2667	8.9	84407.9 -1750.4	2757	8.6	90125.0 -1716.8	2847	8.0	91807.6 -1728.0	2937	10.	93508.1 -1759.7
2668	9.8	84409.8 -1707.8	2758	9.4	90129.5 -1743.3	2848	9.8	91810.2 -1758.4	2938	9.0	93511.3 -1716.1
2669	9.4	84419.5 -1743.0	2759	9.4	90139.4 -1715.7	2849	9.6	91812.8 -1747.5	2939	10.	93519.1 -1701.8
2670	9.1	84423.2 -1743.9	2760	9.3	90154.9 -1738.1	2850	9.4	91815.2 -1708.0	2940	9.7	93542.7 -1748.8
2671	10.	84434.3 -1714.8	2761	9.5	90155.5 -1729.4	2851	9.6	91819.3 -1714.9	2941	9.7	93551.3 -1700.5
2672	9.8	84456.9 -1746.1	2762	9.7	90210.3 -1735.6	2852	9.8	91832.2 -1752.2	2942	9.7	93554.5 -1704.3
2673	9.5	84507.3 -1754.8	2763	8.7	90219.3 -1737.9	2853	9.1	91855.6 -1729.1	2943	9.1	93558.6 -1759.7
2674	9.5	84508.6 -1724.8	2764	9.0	90220.5 -1706.7	2854	9.2	91856.5 -1703.7	2944	9.4	93558.8 -1727.6
2675	9.2	84509.1 -1704.0	2765	6.2	90223.1 -1744.6	2855	7.0	91910.1 -1719.1	2945	9.8	93602.7 -1755.7
2676	9.4	84538.4 -1712.4	2766	9.8	90225.6 -1727.3	2856	9.5	91950.7 -1706.6	2946	9.8	93606.0 -1755.2
2677	8.9	84550.6 -1748.2	2767	9.5	90245.2 -1735.7	2857	8.7	91958.2 -1758.4	2947	10.	93648.2 -1711.9
2678	9.5	84604.1 -1720.9	2768	9.4	90245.8 -1727.0	2858	10.	92008.9 -1718.2	2948	9.4	93734.1 -1753.1
2679	8.8	84614.0 -1749.7	2769	9.8	90327.3 -1713.4	2859	9.0	92015.2 -1733.8	2949	9.5	93741.0 -1740.2
2680	9.1	84622.9 -1743.0	2770	9.5	90346.6 -1728.1	2860	9.5	92025.4 -1722.0	2950	9.8	93745.6 -1751.5
2681	9.0	84630.9 -1718.6	2771	10.	90351.3 -1744.2	2861	10.	92033.0 -1726.9	2951	9.3	93753.4 -1722.3
2682	9.8	84633.6 -1748.7	2772	8.0	90404.3 -1713.0	2862	8.8	92101.9 -1724.4	2952	6.8	93800.3 -1702.2
2683	10.	84712.3 -1740.2	2773	9.0	90428.9 -1721.5	2863	10.	92104.3 -1712.1	2953	9.2	93807.5 -1700.8
2684	9.4	84721.2 -1740.3	2774	10.	90431.7 -1737.7	2864	9.8	92117.3 -1742.2	2954	9.1	93813.5 -1728.8
2685	9.8	84724.4 -1715.6	2775	10.	90437.9 -1750.6	2865	9.6	92120.3 -1746.7	2955	9.6	93845.1 -1744.4
2686	9.3	84725.0 -1726.5	2776	9.6	90438.3 -1712.8	2866	9.8	92125.6 -1707.0	2956	9.3	93850.1 -1744.2
2687	9.0	84742.2 -1708.8	2777	10.	90446.9 -1719.7	2867	10.	92137.4 -1701.8	2957	9.1	93850.6 -1716.4
2688	9.1	84746.1 -1726.3	2778	9.8	90457.0 -1700.3	2868	8.3	92200.3 -1744.9	2958	9.2	93904.1 -1739.8
2689	9.5	84808.7 -1753.4	2779	9.5	90459.7 -1739.8	2869	8.8	92208.8 -1722.6	2959	9.7	93948.3 -1723.8
2690	9.3	84819.1 -1729.5	2780	9.4	90501.8 -1755.0	2870	8.7	92219.7 -1709.8	2960	9.3	93957.4 -1729.0
2691	5.6	84832.9 -1741.2	2781	9.5	90503.9 -1734.9	2871	9.4	92224.3 -1743.0	2961	9.6	94010.3 -1724.9
2692	7.5	84836.0 -1742.2	2782	9.1	90506.4 -1701.3	2872	9.1	92226.5 -1700.7	2962	9.3	94019.4 -1725.8
2693	9.3	84839.3 -1737.1	2783	9.8	90523.7 -1714.8	2873	8.7	92229.2 -1711.9	2963	9.4	94022.2 -1723.6
2694	9.7	84856.8 -1712.5	2784	9.8	90534.5 -1727.9	2874	9.8	92254.9 -1739.4	2964	9.8	94049.4 -1716.4
2695	9.4	84958.2 -1724.5	2785	9.8	90601.3 -1744.8	2875	8.7	92257.8 -1757.5	2965	9.6	94049.5 -1720.9
2696	8.4	85010.3 -1728.5	2786	9.4	90606.4 -1722.4	2876	10.	92316.5 -1729.3	2966	10.	94053.6 -1753.4
2697	9.3	85018.0 -1701.2	2787	9.8	90606.6 -1703.2	2877	9.4	92317.6 -1754.5	2967	10.	94110.6 -1724.0
2698	9.8	85041.7 -1700.7	2788	9.0	90611.7 -1738.4	2878	9.8	92328.7 -1738.2	2968	8.3	94115.7 -1742.3
2699	9.3	85043.4 -1738.5	2789	9.4	90630.6 -1707.5	2879	9.8	92339.6 -1755.1	2969	9.0	94117.4 -1757.0
2700	8.3	85046.1 -1729.0	2790	9.3	90638.1 -1735.8	2880	10.	92352.9 -1715.0	2970	9.0	94119.5 -1710.1
2701	9.3	85049.3 -1757.0	2791	9.8	90645.3 -1719.9	2881	10.	92414.2 -1744.7	2971	9.4	94119.7 -1745.5

-17 2972 9h41m

-17 3331 11h07m

2972	9.2	94157.0	-1706.1	3062	9.4	95939.1	-1725.0	3152	9.9	102022.9	-1755.8
2973	8.5	94216.9	-1745.7	3063	9.3	95952.6	-1725.5	3153	7.0	102024.9	-1732.7
2974	8.7	94217.5	-1749.1	3064	9.2	95959.5	-1717.0	3154	9.8	102028.9	-1749.1
2975	8.7	94238.6	-1738.8	3065	9.1	100006.6	-1722.5	3155	10.	102034.3	-1753.0
2976	9.3	94252.5	-1734.5	3066	9.2	100016.5	-1742.2	3156	9.8	102044.6	-1753.2
2977	9.2	94345.9	-1741.1	3067	9.8	100107.4	-1713.7	3157	9.8	102046.0	-1707.2
2978	10.	94352.9	-1734.0	3068	8.2	100126.0	-1742.3	3158	9.7	102100.5	-1745.5
2979	9.8	94358.6	-1758.1	3069	9.8	100133.3	-1746.7	3159	10.	102102.3	-1747.4
2980	7.2	94418.4	-1758.8	3070	8.7	100143.7	-1747.6	3160	8.8	102213.5	-1750.4
2981	9.1	94435.1	-1757.9	3071	9.0	100214.8	-1728.5	3161	8.3	102234.3	-1730.1
2982	9.8	94438.4	-1751.6	3072	7.2	100219.5	-1725.6	3162	9.8	102254.0	-1706.6
2983	9.4	94508.8	-1728.4	3073	9.7	100241.1	-1734.1	3163	10.	102257.4	-1744.4
2984	9.9	94513.8	-1738.5	3074	9.1	100246.6	-1733.2	3164	9.0	102318.0	-1707.0
2985	9.0	94521.7	-1702.9	3075	9.4	100332.1	-1735.4	3165	10.	102343.7	-1752.9
2986	9.5	94523.0	-1712.5	3076	9.2	100335.7	-1756.8	3166	9.0	102414.6	-1740.5
2987	9.4	94528.2	-1742.8	3077	9.7	100338.7	-1757.4	3167	10.	102422.8	-1742.4
2988	9.1	94534.6	-1721.4	3078	7.5	100339.2	-1753.2	3168	9.3	102434.3	-1747.9
2989	10.	94537.8	-1724.1	3079	9.8	100411.3	-1717.5	3169	9.3	102441.1	-1719.0
2990	9.4	94543.9	-1714.3	3080	10.	100412.5	-1731.2	3170	9.0	102458.7	-1734.4
2991	9.0	94549.2	-1725.0	3081	9.5	100414.2	-1714.4	3171	9.1	102500.9	-1707.1
2992	8.8	94553.8	-1739.5	3082	8.8	100415.6	-1716.8	3172	9.4	102526.9	-1700.9
2993	8.5	94559.4	-1735.2	3083	9.0	100424.0	-1734.5	3173	10.	102534.5	-1713.6
2994	7.8	94630.9	-1714.5	3084	9.1	100427.2	-1751.7	3174	9.4	102550.6	-1751.6
2995	9.5	94648.3	-1750.3	3085	9.2	100446.3	-1748.1	3175	8.8	102613.4	-1732.0
2996	9.4	94715.9	-1701.0	3086	9.8	100513.4	-1724.5	3176	9.8	102643.5	-1723.0
2997	8.0	94716.8	-1734.8	3087	9.4	100515.8	-1713.3	3177	8.2	102650.7	-1705.0
2998	9.5	94720.8	-1741.0	3088	9.3	100517.4	-1753.9	3178	9.5	102651.2	-1743.8
2999	9.8	94730.4	-1705.5	3089	9.1	100624.3	-1748.2	3179	8.8	102655.1	-1703.2
3000	9.5	94756.2	-1759.8	3090	9.8	100625.9	-1754.8	3180	9.5	102715.5	-1701.8
3001	9.3	94757.3	-1709.1	3091	9.0	100644.0	-1753.0	3181	10.	102736.8	-1717.5
3002	10.	94803.1	-1723.8	3092	9.8	100645.2	-1717.5	3182	8.8	102746.5	-1734.5
3003	9.1	94803.7	-1726.4	3093	9.3	100645.8	-1751.7	3183	10.	102802.5	-1734.6
3004	9.8	94824.2	-1757.5	3094	8.6	100717.2	-1710.8	3184	9.2	102814.0	-1735.9
3005	9.7	94835.6	-1740.9	3095	9.1	100719.7	-1718.8	3185	9.2	102820.6	-1738.5
3006	9.4	94837.9	-1746.0	3096	9.5	100726.4	-1727.0	3186	9.4	102828.3	-1711.1
3007	8.9	94852.0	-1725.6	3097	9.3	100742.6	-1715.7	3187	6.6	102836.0	-1749.2
3008	9.3	94852.0	-1738.2	3098	10.	100750.8	-1759.9	3188	9.4	102901.5	-1748.1
3009	9.8	94908.9	-1729.6	3099	8.9	100751.3	-1723.7	3189	10.	102908.3	-1712.5
3010	9.6	94910.9	-1730.8	3100	8.9	100846.2	-1742.2	3190	9.4	102913.4	-1740.3
3011	9.8	94921.7	-1745.0	3101	9.5	100846.3	-1748.3	3191	8.9	102930.4	-1723.2
3012	9.7	94926.2	-1744.6	3102	9.1	100903.5	-1757.0	3192	8.8	102941.1	-1738.1
3013	9.1	94943.1	-1731.7	3103	8.8	100912.4	-1759.4	3193	9.5	102953.5	-1754.7
3014	9.1	94959.1	-1733.2	3104	9.5	100941.5	-1708.7	3194	9.4	103005.1	-1739.2
3015	9.0	95005.5	-1758.5	3105	9.2	100944.3	-1756.8	3195	9.3	103012.4	-1755.5
3016	9.4	95010.4	-1712.9	3106	8.2	100947.3	-1735.1	3196	10.	103033.0	-1757.1
3017	9.4	95018.3	-1713.4	3107	9.1	101001.8	-1701.0	3197	8.5	103034.7	-1704.2
3018	9.3	95125.9	-1721.5	3108	9.4	101007.3	-1755.5	3198	9.3	103051.4	-1744.9
3019	9.1	95127.4	-1722.1	3109	9.3	101020.5	-1705.4	3199	10.	103116.0	-1759.6
3020	9.8	95154.1	-1731.8	3110	9.0	101020.7	-1700.1	3200	8.0	103130.1	-1708.0
3021	9.1	95158.8	-1713.7	3111	9.7	101029.6	-1742.5	3201	9.3	103155.1	-1749.3
3022	9.2	95200.8	-1747.3	3112	8.9	101039.9	-1744.6	3202	8.8	103158.9	-1728.7
3023	9.5	95205.6	-1746.8	3113	9.5	101123.8	-1754.5	3203	8.5	103211.1	-1741.3
3024	9.7	95225.3	-1715.0	3114	10.	101124.2	-1750.7	3204	10.	103222.6	-1705.7
3025	9.6	95231.5	-1715.7	3115	9.6	101151.9	-1748.9	3205	10.	103248.4	-1759.7
3026	7.8	95252.0	-1758.1	3116	8.3	101159.6	-1722.8	3206	9.1	103259.2	-1716.4
3027	9.9	95307.1	-1758.1	3117	9.6	101202.5	-1719.6	3207	10.	103304.6	-1751.2
3028	9.4	95310.7	-1700.4	3118	9.5	101206.1	-1753.1	3208	9.3	103324.7	-1734.0
3029	9.8	95320.5	-1756.6	3119	9.4	101207.0	-1738.2	3209	9.0	103328.5	-1751.5
3030	8.5	95328.2	-1708.4	3120	9.5	101222.4	-1705.8	3210	9.8	103338.5	-1748.8
3031	9.8	95331.2	-1759.3	3121	9.5	101228.0	-1708.9	3211	9.0	103341.9	-1758.7
3032	9.0	95331.3	-1755.9	3122	9.3	101255.1	-1720.6	3212	9.8	103407.0	-1711.9
3033	9.2	95344.9	-1726.0	3123	9.1	101256.4	-1706.5	3213	9.7	103419.7	-1741.6
3034	10.	95346.2	-1714.1	3124	9.2	101311.4	-1728.4	3214	9.7	103448.3	-1731.7
3035	9.4	95412.6	-1748.1	3125	10.	101316.1	-1747.7	3215	9.5	103515.2	-1724.8
3036	9.6	95436.4	-1702.7	3126	9.5	101341.1	-1753.0	3216	9.4	103530.2	-1744.2
3037	8.7	95438.4	-1750.6	3127	9.8	101343.1	-1751.5	3217	8.5	103532.6	-1746.5
3038	8.0	95506.1	-1717.3	3128	9.7	101358.4	-1744.2	3218	9.8	103556.2	-1726.0
3039	9.3	95600.6	-1711.9	3129	6.0	101408.9	-1715.0	3219	9.2	103625.0	-1714.5
3040	9.3	95605.7	-1719.2	3130	10.	101411.7	-1700.1	3220	9.2	103635.2	-1732.2
3041	9.8	95619.4	-1737.0	3131	9.1	101441.5	-1750.3	3221	10.	103657.8	-1700.6
3042	8.6	95619.6	-1747.7	3132	9.2	101448.8	-1751.4	3222	10.	103846.0	-1720.5
3043	9.3	95657.9	-1744.0	3133	7.2	101500.4	-1718.3	3223	9.5	103849.9	-1711.9
3044	9.8	95658.2	-1742.2	3134	10.	101515.6	-1755.1	3224	9.8	103924.7	-1735.1
3045	9.0	95703.0	-1747.5	3135	9.7	101535.1	-1733.8	3225	9.0	103927.5	-1717.1
3046	8.0	95706.4	-1723.8	3136	9.5	101541.3	-1741.8	3226	9.8	103931.1	-1730.7
3047	6.8	95707.4	-1723.8	3137	9.2	101543.7	-1745.5	3227	9.0	103948.9	-1741.9
3048	9.4	95720.8	-1745.8	3138	9.1	101611.5	-1748.8	3228	9.8	104005.3	-1752.8
3049	9.5	95725.0	-1749.8	3139	10.	101648.7	-1708.7	3229	9.8	104006.0	-1725.5
3050	9.1	95727.0	-1753.8	3140	20.0	101747.0	-1754.5	3230	9.0	104012.0	-1723.2
3051	9.9	95730.0	-1713.0	3141	9.5	101806.0	-1756.2	3231	9.3	104018.5	-1753.5
3052	9.3	95730.2	-1735.4	3142	10.	101813.5	-1701.7	3232	9.8	104031.1	-1759.6
3053	9.7	95731.7	-1732.2	3143	9.5	101845.7	-1715.5	3233	9.5	104033.3	-1713.2
3054	9.8	95732.9	-1727.3	3144	9.3	101847.7	-1737.1	3234	9.8	104041.2	-1736.5
3055	7.9	95740.2	-1714.1	3145	8.3	101848.3	-1741.9	3235	9.8	104111.5	-1728.9
3056	9.6	95740.4	-1715.4	3146	8.3	101919.2	-1700.9	3236	9.7	104114.7	-1747.5
3057	9.2	95753.3	-1730.6	3147	8.9	101931.2	-1702.7	3237	10.	104120.1	-1759.9
3058	10.	95818.4	-1753.8	3148	9.8	101941.7	-1722.7	3238	9.8	104149.1	-1752.2
3059	9.4	95828.5	-1714.0	3149	9.5	101953.6	-1727.0	3239	9.0	104205.3	-1745.1
3060	9.5	95849.7	-1729.7	3150	7.3	102007.9	-1730.9	3240	9.5	104220.4	-1750.7
3061	9.8	95926.6	-1728.4	3151	9.5	102015.9	-1747.4	3241	9.5	104243.1	-1738.4
3242	9.5	104244.2	-1712.9								
3243	9.6	104259.2	-1700.9								
3244	8.5	104320.8	-1717.3								
3245	7.0	104400.4	-1733.7								
3246	9.4	104407.6	-1714.2								
3247	9.0	104429.7	-1714.3								
3248	9.3	104453.3	-1718.0								
3249	9.5	104509.3	-1752.7								
3250	10.	104518.1	-1759.0								
3251	9.4	104520.7	-1718.2								
3252	8.3	104526.8	-1751.8								
3253	9.1	104534.4	-1700.8								
3254	9.8	104731.0	-1700.7								
3255	9.8	104759.3	-1757.8								
3256	9.9	104838.7	-1704.6								
3257	9.5	104846.8	-1730.2								
3258	9.8	104918.9	-1710.0								
3259	8.3	104930.6	-1753.7								
3260	9.0	104932.5	-1713.7								
3261	8.4	104945.6	-1743.0								
3262	8.5	104950.1	-1726.8								
3263	9.6	105002.8	-1745.4								
3264	8.4	105014.7	-1730.7								
3265	8.4	105024.7	-1731.6								
3266	9.8	105041.7	-1756.0								
3267	10.	105102.0	-1726.7								
3268	9.8	105122.3	-1745.0								
3269	9.8	105123.1	-1729.6								
3270	9.2	105206.1	-1702.8								
3271	10.	105227.8	-1722.0								
3272	9.1	105240.1	-1716.2								
3273	6.0	105241.6	-1731.4								
3274	9.4	105252.7	-1749.9								
3275	9.4	105302.4	-1739.8								
3276	9.8	105306.0	-1721.8								
3277	9.3	105315.2	-1702.8								
3278	9.8	105315.4	-1749.2								
3279	8.9	105321.1	-1732.5								
3280	9.8	105325.0	-1712.2								
3281	30.0	105325.6	-1732.7								
3282	8.7	105336.0	-1735.4								
3283	9.8	105401.3	-1708.2								
3284	9.8	105459.1	-1751.0								
3285	9.8	105502.2	-1717.6								
3286	9.5	105528.1	-1757.4								
3287	9.6	105535.2	-1719.5								
3288	9.8	105542.6	-1750.3								
3289	9.1	105552.8	-1732.2								
3290	9.8	105601.2	-1708.4								
3291	9.9	105614.3	-1724.8								
3292	9.8	105614.6	-1748.7								
3293	9.5	105649.1	-1714.7								
3294	10.	105650.0	-1754.8								
3295	9.4	105710.5	-1752.5								
3296	9.1	105719.2	-1722.1								
3297	9.5	105756.6	-1715.6								
3298	9.6	105812.0	-1739.5								
3299	9.1	105829.0	-1752.4								
3300	10.	105857.3	-1717.8								
3301	9.1	105909.7	-1758.6								
3302	9.1	105928.2	-1737.0								
3303	9.0	110003.6	-1735.4								
3304	8.5	110013.8	-1701.0								
3305	9.5	110032.5	-1721.0								
3306	9.8	110053.5	-1737.4								
3307	8.6	110116.4	-1719.8								
3308	9.9	110127.4	-1702.9								
3309	9.4	110133.4	-1704.1								
3310	9.7	110145.7	-1740.6								
3311	9.5	110215.4	-1711.8								
3312	10.	110234.0	-1748.7								
3313	10.	110248.6	-1756.8								
3314	9.1	110252.6	-1738.7								
3315	9.0	110315.0	-1741.6								
3316	9.8	110323.8	-1753.0								
3317	9.7	110353.9	-1748.0								
3318	8.8	110425.2	-1751.9								
3319	9.5	110431.3	-1751.9								
3320	9.4	110436.2	-1706.3								
3321	5.8	110518.5	-1742.5								
3322	8.8	110525.0	-1706.8								
3323	8.2	110527.2	-1752.8								
3324	9.0	110533.3	-1700.0								
3325	9.5	110555.0	-1737.6								
3326	8.0	110601.4	-1722.0								
3327	9.3	110625.0	-1718.2								
3328	9.7	110644.0	-1705.5								
3329	9.6	110654.6	-1753.1								
3330	9.4	110704.1	-1740.1								
3331	9.7	110712.9	-1700.5								

-17 3332 11h07m

-17 3691 12h35m

3332	9.4	110714.6	-1750.9	3422	9.8	113033.1	-1706.7	3512	9.1	114928.4	-1747.5	3602	7.8	121422.9	-1735.6
3333	9.5	110724.6	-1707.3	3423	9.8	113045.8	-1757.2	3513	9.5	114928.5	-1719.2	3603	9.9	121425.3	-1701.0
3334	9.8	110741.1	-1734.9	3424	7.0	113047.0	-1723.5	3514	8.9	114944.8	-1734.6	3604	9.8	121427.0	-1707.6
3335	9.8	110801.8	-1745.9	3425	9.4	113052.9	-1743.8	3515	9.2	114945.1	-1737.3	3605	9.7	121441.1	-1714.9
3336	9.5	110805.3	-1719.8	3426	9.8	113105.4	-1713.6	3516	9.6	115016.0	-1748.2	3606	9.2	121441.7	-1704.3
3337	9.1	110807.1	-1719.8	3427	9.5	113107.5	-1754.7	3517	8.3	115027.2	-1717.6	3607	9.5	121457.3	-1759.0
3338	9.8	110809.9	-1705.2	3428	9.7	113107.9	-1745.9	3518	10.	115028.8	-1744.2	3608	9.2	121512.9	-1719.8
3339	9.7	110826.0	-1746.0	3429	9.5	113124.9	-1715.9	3519	9.8	115039.8	-1732.8	3609	9.8	121518.4	-1747.9
3340	9.8	110843.5	-1720.7	3430	9.4	113127.5	-1738.9	3520	9.4	115040.6	-1736.3	3610	9.4	121549.6	-1743.6
3341	9.5	110900.7	-1730.9	3431	9.8	113137.8	-1708.1	3521	9.7	115055.4	-1704.4	3611	10.	121559.9	-1731.3
3342	9.3	110914.1	-1705.0	3432	9.9	113210.9	-1731.8	3522	10.	115110.3	-1743.3	3612	9.5	121606.3	-1703.3
3343	9.8	110927.7	-1711.2	3433	9.3	113218.1	-1739.7	3523	9.5	115142.3	-1752.0	3613	9.6	121620.6	-1744.5
3344	9.2	110933.4	-1738.2	3434	9.2	113219.0	-1718.2	3524	9.8	115150.3	-1753.1	3614	9.8	121658.6	-1758.3
3345	9.6	111000.4	-1702.4	3435	9.8	113237.7	-1758.7	3525	9.8	115221.7	-1757.9	3615	8.3	121702.0	-1726.5
3346	9.4	111038.6	-1711.8	3436	9.1	113239.6	-1753.6	3526	9.6	115237.9	-1736.4	3616	8.8	121718.8	-1747.0
3347	9.3	111059.0	-1710.8	3437	9.6	113245.9	-1703.6	3527	8.9	115241.8	-1711.8	3617	8.3	121721.0	-1726.4
3348	9.5	111107.9	-1752.5	3438	9.1	113309.2	-1757.3	3528	9.5	115247.2	-1705.5	3618	9.7	121730.7	-1754.9
3349	9.5	111116.5	-1710.1	3439	8.3	113309.8	-1722.1	3529	8.3	115337.5	-1742.6	3619	8.9	121806.5	-1721.4
3350	9.3	111133.5	-1706.4	3440	9.2	113314.4	-1754.0	3530	9.6	115348.1	-1704.8	3620	8.5	121809.6	-1708.1
3351	8.5	111140.9	-1734.2	3441	8.9	113320.3	-1732.4	3531	10.	115348.7	-1757.6	3621	8.2	121828.1	-1707.5
3352	8.8	111155.3	-1743.3	3442	9.4	113410.1	-1700.9	3532	9.1	115353.4	-1734.5	3622	10.	121851.9	-1720.9
3353	8.5	111236.4	-1706.8	3443	9.3	113415.2	-1757.3	3533	9.8	115359.3	-1713.4	3623	9.9	121859.4	-1718.0
3354	10.	111242.7	-1744.3	3444	9.1	113416.2	-1738.0	3534	9.4	115400.3	-1720.7	3624	9.6	121921.0	-1721.3
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3356	9.4	111312.7	-1748.5	3446	10.	113454.2	-1711.9	3536	8.5	115417.2	-1759.1	3626	6.8	121942.6	-1736.4
3357	9.8	111319.2	-1746.4	3447	9.2	113517.7	-1720.8	3537	9.4	115436.1	-1700.8	3627	9.1	122002.6	-1748.4
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3359	9.0	111341.4	-1755.9	3449	8.7	113524.9	-1738.9	3539	9.9	115500.2	-1757.4	3629	7.3	122025.1	-1748.4
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3361	9.6	111440.3	-1700.3	3451	9.5	113542.1	-1702.5	3541	9.2	115512.4	-1736.6	3631	9.8	122052.7	-1719.1
3362	9.7	111448.1	-1744.8	3452	9.1	113559.5	-1731.6	3542	10.	115521.8	-1743.3	3632	9.0	122058.5	-1729.4
3363	9.1	111454.2	-1701.8	3453	8.0	113614.7	-1717.5	3543	9.5	115526.6	-1758.5	3633	10.	122100.6	-1703.0
3364	8.8	111524.1	-1748.4	3454	9.1	113628.7	-1739.7	3544	9.7	115608.1	-1707.2	3634	10.	122109.8	-1711.2
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3366	8.7	111532.0	-1742.9	3456	9.7	113653.3	-1726.0	3546	8.5	115719.4	-1702.3	3636	8.5	122238.7	-1708.5
3367	5.3	111609.1	-1758.8	3457	9.3	113656.2	-1734.3	3547	9.3	115721.0	-1745.2	3637	9.6	122241.1	-1710.0
3368	8.0	111619.0	-1731.4	3458	9.2	113707.3	-1739.8	3548	9.8	115745.8	-1700.8	3638	9.2	122247.5	-1756.5
3369	9.5	111621.6	-1736.3	3459	9.8	113724.6	-1753.8	3549	9.6	115824.4	-1756.4	3639	9.9	122300.0	-1757.4
3370	9.6	111643.1	-1735.4	3460	5.0	113725.2	-1732.3	3550	10.	115844.3	-1737.5	3640	9.9	122319.4	-1708.0
3371	9.8	111744.0	-1728.5	3461	9.6	113742.0	-1700.2	3551	10.	115846.3	-1742.0	3641	9.1	122351.4	-1700.2
3372	7.2	111800.5	-1748.8	3462	9.6	113802.5	-1750.4	3552	9.5	115851.1	-1757.4	3642	9.3	122409.5	-1752.5
3373	9.3	111800.9	-1716.0	3463	9.6	113802.7	-1746.9	3553	8.5	115920.5	-1710.2	3643	10.	122450.2	-1700.2
3374	9.8	111825.6	-1759.1	3464	9.8	113821.3	-1703.8	3554	9.5	115941.3	-1744.4	3644	8.0	122458.4	-1756.5
3375	9.8	111835.9	-1715.7	3465	9.2	113828.5	-1722.7	3555	9.1	115948.3	-1706.1	3645	9.0	122503.7	-1732.7
3376	9.9	111842.8	-1707.3	3466	9.6	113834.4	-1713.4	3556	9.3	115949.2	-1710.5	3646	9.5	122516.0	-1716.3
3377	9.5	111845.0	-1723.8	3467	9.8	113855.0	-1725.4	3557	6.9	120001.1	-1723.0	3647	8.8	122519.5	-1741.3
3378	9.4	111858.9	-1717.4	3468	10.	113919.8	-1756.2	3558	9.3	120013.1	-1723.2	3648	9.3	122557.3	-1726.5
3379	8.3	111903.4	-1718.0	3469	9.0	113923.2	-1703.5	3559	7.8	120054.0	-1746.2	3649	9.2	122618.2	-1703.8
3380	8.8	111911.5	-1737.2	3470	9.8	113956.7	-1754.9	3560	9.4	120103.3	-1705.6	3650	9.5	122626.7	-1735.5
3381	9.8	111936.9	-1743.7	3471	7.0	114001.4	-1734.4	3561	10.	120112.5	-1721.2	3651	7.0	122635.3	-1723.2
3382	9.7	111944.4	-1715.1	3472	10.	114003.3	-1758.7	3562	7.2	120118.2	-1737.4	3652	9.1	122649.3	-1756.0
3383	9.6	111946.3	-1714.7	3473	9.4	114015.7	-1745.7	3563	9.4	120145.4	-1755.2	3653	9.2	122657.0	-1738.2
3384	9.1	111952.9	-1722.3	3474	9.8	114019.0	-1737.2	3564	9.0	120147.0	-1713.3	3654	9.5	122707.3	-1721.2
3385	8.8	111956.9	-1728.1	3475	9.4	114043.8	-1708.7	3565	9.6	120159.6	-1702.9	3655	9.3	122720.3	-1721.8
3386	7.4	112008.3	-1743.0	3476	9.6	114053.8	-1714.8	3566	10.	120226.5	-1728.5	3656	9.6	122728.1	-1739.9
3387	9.4	112011.5	-1736.6	3477	10.	114059.8	-1746.8	3567	9.6	120244.1	-1729.7	3657	9.3	122729.3	-1756.5
3388	8.2	112031.3	-1721.1	3478	10.	114100.4	-1720.1	3568	9.1	120402.8	-1748.7	3658	9.9	122752.0	-1704.4
3389	8.3	112059.1	-1750.9	3479	10.	114101.3	-1741.9	3569	8.3	120423.2	-1758.7	3659	9.3	122808.8	-1723.6
3390	9.5	112103.3	-1714.5	3480	9.4	114141.4	-1723.1	3570	9.5	120425.4	-1717.8	3660	9.3	122851.7	-1744.1
3391	8.7	112106.9	-1734.7	3481	8.9	114143.9	-1742.3	3571	9.0	120442.9	-1735.5	3661	9.3	122909.2	-1723.1
3392	9.7	112121.6	-1745.2	3482	8.9	114210.3	-1734.8	3572	9.5	120459.5	-1736.5	3662	10.	122932.4	-1742.4
3393	10.	112137.7	-1719.1	3483	9.3	114217.8	-1733.5	3573	9.3	120507.1	-1749.8	3663	9.8	123010.2	-1746.1
3394	9.1	112220.8	-1729.4	3484	8.8	114234.7	-1721.7	3574	9.5	120510.0	-1731.0	3664	9.8	123025.3	-1714.5
3395	9.8	112223.2	-1711.2	3485	8.8	114319.2	-1755.8	3575	9.3	120533.4	-1733.9	3665	8.9	123040.2	-1753.1
3396	8.3	112226.4	-1736.8	3486	10.	114409.1	-1755.4	3576	9.4	120548.4	-1750.8	3666	9.3	123100.3	-1744.8
3397	9.7	112234.2	-1716.5	3487	8.2	114415.6	-1759.0	3577	9.1	120552.4	-1733.4	3667	8.8	123103.6	-1744.5
3398	7.7	112243.7	-1705.1	3488	8.2	114418.3	-1721.9	3578	10.	120622.3	-1723.4	3668	6.0	123109.6	-1727.2
3399	9.2	112245.8	-1741.6	3489	9.3	114442.1	-1721.5	3579	10.	120634.2	-1757.3	3669	8.9	123123.4	-1721.6
3400	9.1	112259.2	-1723.2	3490	8.7	114507.7	-1731.9	3580	9.1	120724.6	-1753.6	3670	9.0	123125.5	-1749.4
3401	9.8	112332.5	-1730.2	3491	9.8	114518.6	-1702.6	3581	9.5	120734.3	-1735.2	3671	9.3	123127.2	-1746.5
3402	9.7	112338.0	-1700.9	3492	8.5	114534.1	-1715.4	3582	9.5	120742.0	-1744.4	3672	8.5	123142.2	-1714.9
3403	9.5	112430.6	-1703.2	3493	9.8	114557.6	-1707.8	3583	9.0	120757.2	-1749.3	3673	9.1	123151.1	-1726.0
3404	9.0	112436.4	-1726.2	3494	9.2	114558.5	-1757.8	3584	8.4	120812.2	-1744.1	3674	9.8	123153.6	-1724.2
3405	9.0	112439.6	-1757.9	3495	10.	114602.4	-1745.3	3585	9.3	120828.5	-1729.7	3675	9.7	123201.3	-1739.3
3406	9.8	112455.5	-1756.2	3496	8.3	114640.6	-1708.7	3586	9.6	120829.6	-1715.9	3676	9.3	123214.0	-1739.2
3407	9.4	112515.2	-1732.4	3497	9.6	114654.6	-1757.1	3587	10.	120850.8	-1711.5	3677	9.6	123216.1	-1721.4
3408	9.5	112552.5	-1706.2	3498	9.9	114656.6	-1739.8	3588	10.	120859.5	-1733.4	3678	9.9	123218.9	-1739.1
3409	9.0	112552.5	-1754.9	3499	10.	114657.8	-1755.7	3589	10.	120916.4	-1717.8	3679	8.5	123219.8	-1723.2
3410	9.5	112603.1	-1725.3	3500	10.	114706.5	-1754.0	3590	10.	120920.8	-1741.1	3680	8.4	123230.5	-1744.2
3411	9.3	112644.4	-1714.3	3501	9.8	114712.2	-1749.2	3591	9.9	120943.9	-1712.1	3681	9.5	123249.3	-1704.0
3412	9.3	112645.7	-1744.5	3502	9.6	114721.0	-1713.5	3592	8.7	120959.4	-1727.4	3682	9.0	123301.7	-1713.1
3413	9.1	112645.8	-1758.5	3503	9.4	114731.6	-1746.1	3593	9.5	121012.9	-1710.1	3683	9.4	123334.6	-1752.3
3414	9.8	112703.0	-1704.2	3504	10.	114741.1	-1743.1	3594	9.9	121018.5	-1752.7	3684	10.	123340.7	-1713.4
3415	9.3	112704.6	-1713.9	3505	8.7	114751.5	-1718.1	3595	10.	121020.0	-1738.1	3685	10.	123408.2	-1744.3
3416	9.2	112745.3	-1739.7	3506	9.5	114812.8	-1726.2	3596	8.3	121047.0	-1754.5	3686	10.	123413.5	-1751.2
3417	9.0	112754.6	-1747.9	3507	9.4	114817.5	-1716.0	3597	9.4	121122.6	-1743.9	3687	9.4	123432.6	-1712.9
3418	8.9	112826.9	-1707.7	3508	9.8	114838.7	-1732.3	3598	9.5	121140.8	-1716.9	3688	9.9	123435.2	-1745.4
3419	9.2	112841.3	-1754.0	3509	9.7	114856.1	-1744.8	3599	9.5	121248.7	-1719.8	3689	9.1	123520.8	-1706.1
3420	9.0	112906.6	-1727.4	3510	8.8	114903.0	-1718.0	3600	9.9	121331.2	-1728.6	3690	9.5	123533.7	-1738.2
3421	9.2	112925.9	-1720.6	3511	9.8	114913.0	-1748.8	3601	10.	121340.1	-1725.2	3691	9.0	123541.9	-1727.9

-17 3692 12h35m

-17 4051 14h08m

3692	9.2	123551.3	-1729.7	3782	10.	130236.2	-1722.7	3872	8.1	132312.7	-1746.1	3962	9.4	134759.6	-1712.0
3693	9.5	123555.7	-1738.4	3783	9.0	130236.9	-1743.6	3873	9.8	132314.6	-1751.6	3963	9.8	134819.3	-1724.6
3694	7.5	123616.4	-1729.3	3784	9.1	130254.6	-1708.0	3874	9.3	132335.1	-1719.1	3964	9.4	134832.5	-1726.1
3695	9.4	123627.6	-1708.6	3785	9.8	130316.5	-1744.1	3875	9.8	132336.5	-1759.8	3965	9.4	134836.5	-1756.2
3696	8.2	123653.5	-1742.1	3786	9.0	130357.0	-1704.2	3876	9.5	132342.9	-1701.8	3966	9.0	134919.7	-1744.5
3697	9.4	123657.4	-1742.3	3787	9.5	130404.3	-1752.2	3877	6.4	132414.1	-1758.7	3967	9.3	134935.1	-1713.0
3698	9.7	123708.7	-1704.6	3788	9.5	130426.5	-1737.9	3878	10.	132417.3	-1752.0	3968	9.5	135017.0	-1741.7
3699	9.3	123721.6	-1738.6	3789	9.8	130443.3	-1750.9	3879	9.7	132446.3	-1741.1	3969	9.0	135019.4	-1754.4
3700	10.	123739.1	-1738.6	3790	9.8	130459.3	-1722.7	3880	9.2	132453.7	-1717.2	3970	8.8	135106.2	-1723.9
3701	9.5	123818.1	-1720.1	3791	10.	130500.2	-1708.4	3881	8.7	132458.3	-1700.7	3971	7.3	135107.4	-1755.0
3702	9.5	123823.0	-1716.5	3792	9.3	130528.5	-1736.6	3882	10.	132508.3	-1751.8	3972	8.8	135138.6	-1708.3
3703	9.5	123843.2	-1745.2	3793	9.5	130529.7	-1741.5	3883	8.5	132540.7	-1745.8	3973	9.6	135147.4	-1754.1
3704	7.3	123846.3	-1725.5	3794	9.1	130605.4	-1747.6	3884	10.	132602.2	-1748.9	3974	9.4	135202.1	-1710.5
3705	9.7	123921.6	-1748.9	3795	9.1	130609.3	-1753.9	3885	9.6	132603.6	-1734.8	3975	10.	135204.1	-1743.1
3706	9.7	123922.7	-1730.9	3796	9.5	130615.2	-1731.2	3886	9.7	132608.9	-1722.5	3976	9.3	135205.2	-1714.7
3707	9.8	123930.8	-1721.9	3797	9.3	130617.3	-1715.6	3887	9.8	132616.0	-1744.7	3977	10.	135226.3	-1719.7
3708	9.9	123938.5	-1708.8	3798	9.5	130629.3	-1700.0	3888	9.1	132625.9	-1723.7	3978	8.7	135237.4	-1758.5
3709	9.4	123939.7	-1724.8	3799	9.7	130655.4	-1712.9	3889	10.	132651.8	-1740.3	3979	9.2	135259.7	-1724.5
3710	10.	123945.2	-1750.2	3800	9.8	130656.7	-1727.2	3890	9.6	132751.6	-1730.8	3980	9.6	135331.8	-1753.2
3711	10.	124005.0	-1710.6	3801	9.8	130658.4	-1746.8	3891	9.5	132813.1	-1758.3	3981	9.5	135333.1	-1704.2
3712	10.	124021.8	-1750.5	3802	9.8	130746.7	-1713.9	3892	9.1	132819.8	-1722.4	3982	8.5	135356.7	-1711.2
3713	9.0	124027.6	-1717.6	3803	10.	130754.0	-1739.9	3893	9.5	133013.6	-1729.3	3983	9.4	135406.7	-1723.5
3714	9.5	124053.0	-1732.7	3804	9.6	130824.9	-1747.6	3894	9.3	133022.6	-1742.5	3984	9.0	135434.2	-1701.7
3715	8.5	124250.7	-1747.7	3805	9.6	130830.1	-1756.3	3895	9.0	133035.8	-1704.1	3985	9.1	135440.5	-1747.0
3716	9.5	124318.2	-1758.4	3806	9.8	130902.5	-1735.7	3896	9.8	133133.2	-1756.8	3986	9.4	135500.7	-1720.9
3717	9.1	124321.7	-1752.1	3807	9.2	130912.1	-1749.4	3897	10.	133136.5	-1736.6	3987	9.0	135521.2	-1701.3
3718	8.8	124325.1	-1704.2	3808	8.8	130923.1	-1708.4	3898	9.5	133201.1	-1739.8	3988	9.1	135528.4	-1748.3
3719	9.5	124345.6	-1755.0	3809	9.8	130929.5	-1712.6	3899	9.0	133210.2	-1739.4	3989	9.1	135540.1	-1744.4
3720	9.3	124428.1	-1705.4	3810	9.5	130957.0	-1728.5	3900	10.	133235.0	-1701.0	3990	9.2	135607.8	-1709.9
3721	9.1	124429.0	-1700.5	3811	8.9	131025.3	-1733.2	3901	9.2	133235.3	-1704.3	3991	10.	135608.2	-1741.6
3722	9.0	124446.1	-1724.7	3812	9.5	131040.7	-1717.8	3902	9.4	133258.4	-1746.8	3992	10.	135629.7	-1720.0
3723	8.2	124533.3	-1742.3	3813	5.0	131047.9	-1730.6	3903	7.7	133301.2	-1703.0	3993	9.4	135643.1	-1750.4
3724	9.4	124551.5	-1728.2	3814	9.8	131053.9	-1705.6	3904	10.	133320.5	-1740.8	3994	10.	135646.1	-1719.7
3725	9.0	124619.6	-1714.8	3815	9.3	131054.5	-1728.2	3905	9.4	133323.6	-1736.7	3995	9.5	135647.0	-1725.4
3726	7.0	124621.6	-1714.9	3816	9.5	131140.5	-1723.2	3906	9.4	133343.8	-1738.1	3996	9.3	135652.9	-1739.9
3727	9.3	124623.7	-1706.2	3817	10.	131144.3	-1733.7	3907	8.0	133352.3	-1749.2	3997	9.4	135656.3	-1740.1
3728	9.5	124641.3	-1702.9	3818	9.2	131145.0	-1723.3	3908	9.6	133412.9	-1705.9	3998	9.4	135659.3	-1732.7
3729	9.2	124659.3	-1704.2	3819	9.2	131147.8	-1745.9	3909	9.5	133440.6	-1756.2	3999	10.	135710.7	-1754.3
3730	8.5	124707.3	-1733.7	3820	9.1	131154.8	-1745.8	3910	8.3	133528.2	-1717.1	4000	9.0	135719.4	-1708.1
3731	9.6	124715.0	-1758.7	3821	9.4	131206.4	-1728.2	3911	10.	133533.8	-1713.5	4001	9.5	135724.3	-1712.5
3732	10.	124720.7	-1715.0	3822	9.4	131211.7	-1711.5	3912	9.6	133536.5	-1715.6	4002	8.6	135741.8	-1722.5
3733	9.2	124733.5	-1745.5	3823	8.5	131236.0	-1724.6	3913	9.1	133543.2	-1705.5	4003	9.0	135742.7	-1723.1
3734	10.	124812.2	-1735.1	3824	10.	131245.3	-1706.7	3914	8.7	133550.6	-1721.6	4004	10.	135744.5	-1704.0
3735	10.	124822.9	-1745.0	3825	9.5	131248.7	-1709.6	3915	9.9	133600.8	-1748.6	4005	9.3	135746.2	-1736.7
3736	9.0	124832.5	-1758.2	3826	8.3	131250.9	-1739.8	3916	9.5	133619.1	-1717.7	4006	10.	135809.9	-1729.1
3737	8.9	124833.4	-1727.5	3827	9.3	131252.6	-1713.6	3917	9.6	133639.6	-1747.0	4007	9.7	135837.4	-1701.1
3738	9.1	124846.3	-1732.7	3828	9.5	131304.7	-1737.3	3918	7.5	133639.7	-1712.3	4008	8.7	135851.8	-1708.6
3739	9.0	124913.4	-1748.4	3829	7.0	131400.2	-1758.9	3919	9.5	133711.5	-1723.1	4009	9.5	135901.7	-1706.4
3740	9.5	124915.4	-1709.2	3830	9.5	131407.6	-1708.7	3920	9.3	133715.5	-1721.5	4010	8.7	135936.0	-1718.0
3741	9.9	124953.5	-1710.0	3831	9.0	131417.6	-1710.0	3921	9.8	133748.3	-1743.5	4011	9.2	140013.2	-1710.4
3742	8.9	125027.8	-1722.2	3832	9.9	131437.3	-1726.1	3922	9.0	133748.5	-1701.0	4012	9.5	140050.9	-1725.6
3743	9.6	125053.3	-1723.7	3833	8.2	131458.7	-1715.7	3923	9.8	133750.1	-1732.1	4013	8.7	140054.2	-1702.6
3744	9.7	125122.4	-1737.0	3834	9.1	131459.0	-1718.5	3924	9.1	133812.5	-1749.3	4014	9.4	140101.7	-1734.4
3745	9.8	125143.2	-1729.2	3835	9.1	131502.1	-1757.1	3925	9.5	133815.7	-1732.5	4015	7.7	140103.2	-1748.5
3746	9.7	125157.5	-1748.6	3836	8.9	131505.7	-1732.7	3926	8.5	133826.1	-1716.6	4016	10.	140112.6	-1738.0
3747	9.6	125200.5	-1730.3	3837	8.9	131508.8	-1726.6	3927	9.4	133842.8	-1728.0	4017	9.2	140131.5	-1736.0
3748	9.3	125231.2	-1743.4	3838	9.4	131513.4	-1704.4	3928	9.1	133844.9	-1754.2	4018	10.	140133.1	-1732.2
3749	9.0	125233.0	-1746.5	3839	8.9	131519.1	-1705.4	3929	8.9	133903.5	-1720.3	4019	9.1	140141.5	-1738.2
3750	9.4	125308.7	-1759.2	3840	9.3	131524.7	-1734.2	3930	8.5	133909.8	-1705.7	4020	10.	140201.4	-1702.9
3751	7.0	125329.8	-1720.6	3841	8.3	131603.3	-1729.7	3931	8.5	133932.6	-1734.7	4021	10.	140215.1	-1747.5
3752	7.8	125341.6	-1706.0	3842	9.7	131606.9	-1745.3	3932	6.0	133932.7	-1707.6	4022	9.0	140235.9	-1718.5
3753	9.1	125408.1	-1706.0	3843	8.8	131633.6	-1737.8	3933	9.9	133944.5	-1749.6	4023	10.	140236.9	-1731.1
3754	9.8	125443.9	-1748.5	3844	8.5	131750.4	-1749.8	3934	7.7	134002.3	-1751.0	4024	9.6	140327.3	-1723.1
3755	9.3	125451.0	-1756.5	3845	9.8	131759.4	-1702.7	3935	9.4	134010.2	-1727.4	4025	8.6	140355.4	-1711.8
3756	9.8	125503.3	-1705.1	3846	9.8	131811.5	-1745.5	3936	9.5	134014.4	-1748.2	4026	9.8	140405.5	-1704.2
3757	7.5	125510.0	-1729.4	3847	9.5	131826.1	-1735.0	3937	5.4	134159.6	-1724.5	4027	9.0	140418.3	-1721.2
3758	10.	125511.1	-1726.5	3848	9.5	131911.5	-1754.5	3938	9.0	134203.8	-1707.0	4028	9.8	140432.3	-1722.7
3759	9.6	125528.1	-1700.3	3849	9.0	131918.5	-1756.3	3939	9.8	134216.0	-1719.4	4029	9.4	140434.3	-1701.1
3760	8.8	125542.3	-1718.8	3850	7.3	131923.4	-1710.3	3940	9.7	134220.5	-1713.0	4030	9.4	140443.6	-1728.3
3761	9.5	125549.5	-1733.7	3851	8.5	131947.3	-1716.7	3941	9.7	134241.3	-1701.0	4031	10.	140516.0	-1701.0
3762	9.9	125621.4	-1705.4	3852	10.	132000.7	-1722.2	3942	9.1	134324.4	-1707.6	4032	9.8	140518.4	-1700.8
3763	9.9	125631.5	-1743.2	3853	8.9	132012.5	-1733.1	3943	10.	134332.1	-1719.5	4033	9.1	140554.9	-1738.2
3764	9.5	125645.0	-1730.8	3854	9.5	132018.0	-1737.8	3944	8.5	134339.7	-1738.0	4034	9.1	140608.5	-1711.8
3765	9.7	125647.1	-1732.3	3855	9.7	132050.9	-1745.0	3945	9.5	134354.2	-1735.3	4035	9.9	140610.1	-1708.4
3766	9.0	125705.4	-1708.0	3856	9.7	132051.6	-1742.0	3946	9.5	134413.2	-1754.1	4036	8.9	140613.3	-1721.1
3767	9.7	125745.3	-1746.8	3857	8.7	132100.0	-1727.8	3947	9.3	134414.4	-1741.2	4037	9.4	140627.8	-1706.2
3768	6.8	125804.0	-1728.6	3858	9.3	132100.1	-1714.6	3948	9.5	134433.0	-1724.6	4038	8.5	140630.8	-1740.1
3769	8.6	125814.5	-1742.6	3859	10.	132117.5	-1730.0	3949	7.0	134444.5	-1759.5	4039	8.2	140647.0	-1705.3
3770	9.5	125828.9	-1707.0	3860	9.5	132123.2	-1718.2	3950	9.0	134454.9	-1757.7	4040	9.6	140652.6	-1749.3
3771	8.9	125832.8	-1745.6	3861	9.1	132126.2	-1716.7	3951	10.	134456.5	-1709.0	4041	9.8	140653.2	-1722.8
3772	9.7	125900.6	-1757.3	3862	7.0	132139.4	-1758.6	3952	9.4	134530.7	-1732.5	4042	9.2	140654.3	-1731.3
3773	10.	125929.3	-1707.3	3863	9.9	132144.5	-1700.2	3953	10.	134605.0	-1744.2	4043	9.0	140655.3	-1756.5
3774	7.8	130007.6	-1713.4	3864	10.	132145.5	-1731.0	3954	9.2	134605.2	-1713.5	4044	9.6	140659.1	-1749.9
3775	8.9	130046.7	-1708.1	3865	10.	132158.7	-1752.9	3955	9.1	134621.7	-1711.2	4045	9.5	140701.9	-1700.9
3776	9.5	130059.5	-1721.3	3866	9.6	132220.3	-1742.8	3956	9.5	134622.0	-1741.9	4046	6.0	140725.4	-1731.4
3777	10.	130121.4	-1752.8	3867	9.3	132224.9	-1731.8	3957	9.8	134628.2	-1713.8	4047	9.2	140729.6	-1726.5
3778	9.7	130142.8	-1759.5	3868	10.	132234.3	-1741.6	3958	8.5	134637.4	-1714.5	4048	9.4	140734.7	-1701.4
3779	9.4	130149.1	-1756.9	3869	9.1	132243.5	-1701.6	3959	8.9	134654.5	-1700.9	4049	8.8	140804.3	-1744.8
3780	9.5	130151.7	-1741.7	3870	9.3	132250.0	-1709.8	3960	9.8	134746.6	-1712.7	4050	10.	140806.5	-1752.2
3781	10.	130216.1	-1704.8	3871	10.	132258.2	-1713.3	3961	8.0	134752.1	-1732.4	4051	9.1	140840.9	-1713.1

4052	9.8	140852.4	-1735.7	4142	30.0	143218.0	-1701.8	4232	9.9	145202.2	-1746.5	4322	9.1	151559.9	-1701.5
4053	6.5	140903.7	-1754.5	4143	10.	143227.3	-1728.5	4233	9.2	145230.6	-1752.2	4323	9.5	151600.6	-1755.2
4054	9.5	140919.3	-1726.1	4144	8.5	143228.7	-1709.4	4234	9.4	145239.2	-1744.5	4324	9.4	151628.2	-1714.8
4055	9.1	140920.3	-1700.8	4145	9.9	143230.5	-1731.1	4235	9.5	145307.8	-1737.9	4325	9.2	151636.3	-1751.8
4056	8.7	140922.0	-1749.0	4146	9.1	143243.3	-1721.5	4236	9.3	145314.5	-1733.5	4326	9.3	151706.6	-1704.7
4057	8.8	140925.3	-1704.9	4147	10.	143247.9	-1741.4	4237	9.3	145346.6	-1728.5	4327	10.	151724.2	-1704.3
4058	9.9	140947.5	-1725.5	4148	9.5	143336.1	-1757.1	4238	9.3	145349.5	-1729.6	4328	9.4	151724.3	-1735.1
4059	9.4	140956.5	-1726.2	4149	9.6	143342.6	-1725.1	4239	9.6	145404.3	-1716.8	4329	9.6	151754.1	-1749.9
4060	9.3	141012.4	-1708.8	4150	9.4	143402.5	-1731.8	4240	8.8	145434.8	-1752.0	4330	8.7	151809.4	-1729.1
4061	8.8	141018.0	-1703.9	4151	9.9	143407.3	-1710.7	4241	8.8	145436.1	-1723.3	4331	9.7	151809.7	-1739.2
4062	9.2	141031.3	-1700.6	4152	8.3	143411.6	-1711.9	4242	9.5	145436.4	-1706.4	4332	10.	151815.0	-1719.1
4063	9.3	141042.2	-1758.5	4153	10.	143412.5	-1759.4	4243	6.8	145458.3	-1703.5	4333	9.5	151816.3	-1704.3
4064	9.1	141052.0	-1724.6	4154	8.4	143421.6	-1741.9	4244	10.	145518.5	-1731.0	4334	10.	151833.1	-1718.0
4065	7.8	141125.7	-1751.1	4155	8.9	143424.1	-1735.7	4245	9.8	145524.3	-1720.1	4335	9.1	151834.1	-1729.6
4066	9.9	141130.4	-1731.0	4156	9.6	143425.0	-1714.8	4246	8.2	145622.4	-1719.9	4336	9.7	151845.2	-1756.1
4067	9.5	141158.7	-1702.8	4157	8.7	143436.0	-1743.3	4247	8.9	145623.9	-1719.9	4337	9.4	151859.8	-1735.4
4068	10.	141230.1	-1744.1	4158	9.7	143500.2	-1720.8	4248	9.6	145658.9	-1748.6	4338	9.8	151927.7	-1753.6
4069	8.7	141300.8	-1707.7	4159	9.3	143530.3	-1717.2	4249	8.9	145708.8	-1718.6	4339	9.8	151935.1	-1708.5
4070	10.	141317.3	-1737.3	4160	10.	143544.1	-1746.7	4250	9.9	145716.7	-1722.0	4340	9.1	152057.0	-1713.2
4071	9.5	141323.8	-1744.2	4161	9.9	143557.8	-1742.6	4251	9.3	145835.4	-1704.0	4341	9.6	152102.4	-1724.5
4072	9.0	141330.2	-1717.7	4162	9.5	143602.7	-1739.9	4252	8.6	145842.4	-1732.0	4342	9.6	152103.0	-1712.2
4073	9.8	141430.5	-1751.8	4163	10.	143609.5	-1757.4	4253	9.5	145902.3	-1722.0	4343	9.3	152109.0	-1748.3
4074	9.7	141437.0	-1756.9	4164	9.3	143621.8	-1746.1	4254	9.7	145913.3	-1703.1	4344	8.6	152142.6	-1756.3
4075	9.5	141446.2	-1708.4	4165	10.	143627.0	-1744.6	4255	9.5	145936.8	-1704.4	4345	9.5	152151.2	-1739.7
4076	9.0	141449.6	-1723.6	4166	9.5	143644.6	-1705.2	4256	9.3	145954.7	-1750.8	4346	9.3	152159.0	-1711.5
4077	9.5	141458.5	-1718.0	4167	9.8	143655.8	-1749.4	4257	9.5	150018.7	-1754.7	4347	9.3	152159.2	-1736.4
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4079	9.7	141528.5	-1732.7	4169	8.0	143714.6	-1723.1	4259	8.3	150109.9	-1727.4	4349	10.	152212.8	-1759.3
4080	9.9	141529.9	-1703.8	4170	10.	143739.9	-1749.9	4260	8.8	150119.2	-1750.5	4350	9.7	152216.2	-1741.8
4081	10.	141552.3	-1745.7	4171	8.4	143743.5	-1743.5	4261	9.9	150147.0	-1720.6	4351	9.4	152217.2	-1728.2
4082	9.3	141629.1	-1700.3	4172	7.3	143747.9	-1704.8	4262	9.5	150156.2	-1757.0	4352	9.6	152245.7	-1752.0
4083	8.5	141633.4	-1726.6	4173	9.6	143757.8	-1752.0	4263	7.5	150201.3	-1730.0	4353	9.8	152247.5	-1732.8
4084	9.4	141635.3	-1755.0	4174	9.3	143826.6	-1739.6	4264	9.6	150203.2	-1707.2	4354	10.	152252.7	-1730.8
4085	9.9	141701.5	-1749.2	4175	9.3	143837.8	-1744.3	4265	9.1	150221.1	-1739.6	4355	9.6	152327.3	-1700.8
4086	9.8	141745.5	-1751.2	4176	9.4	143911.9	-1753.9	4266	9.8	150238.4	-1742.7	4356	8.5	152342.4	-1759.5
4087	9.4	141807.8	-1744.9	4177	9.1	143914.4	-1752.5	4267	9.1	150239.6	-1712.7	4357	9.6	152344.3	-1738.1
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4089	10.	141838.8	-1744.6	4179	9.8	144005.6	-1713.8	4269	9.6	150330.4	-1702.2	4359	9.5	152423.2	-1758.0
4090	9.1	141900.4	-1744.1	4180	8.8	144023.9	-1727.0	4270	9.1	150338.5	-1712.3	4360	9.5	152423.8	-1725.0
4091	9.4	141906.7	-1719.6	4181	9.5	144024.6	-1756.3	4271	10.	150346.6	-1710.0	4361	9.0	152433.2	-1726.2
4092	8.8	141923.4	-1745.0	4182	9.5	144029.5	-1729.1	4272	8.9	150353.7	-1738.6	4362	9.1	152437.9	-1716.1
4093	9.7	141937.3	-1750.7	4183	10.	144127.1	-1716.1	4273	7.0	150414.8	-1732.2	4363	9.8	152441.3	-1725.7
4094	9.4	141954.1	-1727.4	4184	9.5	144143.8	-1729.0	4274	9.5	150425.3	-1723.1	4364	10.	152524.0	-1746.6
4095	9.6	141959.3	-1717.1	4185	9.2	144149.8	-1705.2	4275	9.8	150446.1	-1710.0	4365	9.5	152548.0	-1759.5
4096	9.8	142018.2	-1736.5	4186	9.8	144155.1	-1748.3	4276	9.6	150447.5	-1700.1	4366	9.7	152606.1	-1731.7
4097	9.5	142058.6	-1748.1	4187	8.9	144208.0	-1742.5	4277	9.4	150449.0	-1739.0	4367	9.3	152613.5	-1721.0
4098	9.6	142121.5	-1757.0	4188	9.8	144220.5	-1711.6	4278	9.3	150512.8	-1750.7	4368	8.7	152613.6	-1712.3
4099	8.8	142127.2	-1736.2	4189	9.6	144221.3	-1701.5	4279	10.	150515.2	-1731.3	4369	9.9	152618.0	-1706.0
4100	9.1	142132.4	-1731.8	4190	9.6	144228.5	-1704.3	4280	9.2	150534.6	-1741.1	4370	9.5	152623.1	-1735.7
4101	10.	142143.0	-1737.2	4191	9.6	144312.8	-1749.0	4281	9.1	150534.9	-1757.1	4371	9.5	152650.6	-1730.6
4102	9.2	142144.6	-1721.6	4192	8.9	144316.0	-1736.3	4282	9.3	150543.2	-1747.9	4372	8.8	152718.3	-1705.2
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4104	10.	142319.0	-1733.1	4194	8.9	144320.7	-1707.1	4284	8.7	150618.1	-1753.5	4374	10.	152812.5	-1732.5
4105	9.4	142359.6	-1725.8	4195	8.7	144324.7	-1754.9	4285	5.5	150623.5	-1713.4	4375	9.4	152815.9	-1712.4
4106	9.2	142405.1	-1727.0	4196	6.7	144328.7	-1710.4	4286	10.	150630.1	-1738.3	4376	10.	152826.7	-1705.9
4107	9.6	142405.9	-1721.7	4197	9.1	144329.0	-1755.0	4287	9.6	150637.0	-1736.9	4377	9.4	152829.1	-1741.8
4108	9.6	142407.8	-1737.5	4198	10.	144330.9	-1718.6	4288	9.7	150724.9	-1739.0	4378	9.3	152848.5	-1734.3
4109	9.5	142412.9	-1752.0	4199	10.	144337.7	-1749.6	4289	9.7	150739.7	-1746.0	4379	8.0	152857.1	-1751.3
4110	8.0	142419.7	-1714.2	4200	6.4	144343.5	-1745.3	4290	9.6	150815.7	-1722.9	4380	9.0	152857.7	-1733.0
4111	10.	142439.0	-1746.4	4201	9.6	144357.8	-1707.5	4291	10.	150817.9	-1713.5	4381	9.5	152914.9	-1740.9
4112	9.2	142440.0	-1751.7	4202	8.3	144400.8	-1713.5	4292	9.3	150834.9	-1711.9	4382	9.8	152918.2	-1748.4
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4115	9.3	142547.3	-1712.1	4205	9.6	144512.1	-1742.9	4295	10.	151001.5	-1752.5	4385	9.4	153003.8	-1704.9
4116	9.5	142548.5	-1746.5	4206	9.8	144517.2	-1759.7	4296	10.	151007.6	-1758.7	4386	8.6	153013.9	-1758.1
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4118	9.9	142721.9	-1733.5	4208	9.4	144535.1	-1721.3	4298	9.5	151027.0	-1751.8	4388	7.2	153025.9	-1711.0
4119	9.0	142739.9	-1704.4	4209	9.3	144612.2	-1734.4	4299	9.9	151036.9	-1738.1	4389	9.1	153029.5	-1731.5
4120	9.3	142742.0	-1729.8	4210	9.5	144657.8	-1740.6	4300	7.8	151114.7	-1745.4	4390	9.6	153036.6	-1721.5
4121	9.7	142744.8	-1751.8	4211	8.5	144705.2	-1734.1	4301	9.1	151116.6	-1748.2	4391	9.9	153037.6	-1719.5
4122	8.5	142745.1	-1724.2	4212	9.8	144726.7	-1731.8	4302	9.2	151120.5	-1719.3	4392	9.8	153040.2	-1715.9
4123	9.5	142818.0	-1720.0	4213	9.7	144736.2	-1707.7	4303	10.	151122.2	-1721.1	4393	9.1	153114.0	-1749.9
4124	9.8	142831.2	-1741.7	4214	8.2	144741.2	-1746.2	4304	10.	151138.9	-1739.4	4394	9.1	153114.9	-1752.4
4125	9.8	142836.4	-1746.6	4215	9.7	144848.0	-1743.9	4305	9.8	151142.4	-1757.6	4395	9.2	153204.3	-1703.1
4126	8.8	142903.8	-1741.9	4216	10.	144858.2	-1751.2	4306	10.	151149.6	-1726.7	4396	9.1	153206.4	-1745.5
4127	9.2	142908.7	-1746.7	4217	10.	144903.6	-1753.8	4307	9.1	151157.4	-1740.8	4397	9.1	153206.8	-1721.5
4128	9.1	142942.8	-1710.9	4218	10.	144909.9	-1742.0	4308	9.4	151211.9	-1710.0	4398	9.5	153207.7	-1749.8
4129	10.	142956.3	-1716.6	4219	8.9	144927.7	-1720.8	4309	9.5	151213.7	-1720.7	4399	9.0	153216.9	-1734.9
4130	9.8	143004.2	-1719.8	4220	9.0	144938.7	-1725.7	4310	9.1	151214.1	-1726.1	4400	9.8	153252.6	-1715.5
4131	9.4	143012.4	-1714.3	4221	9.7	144958.5	-1745.4	4311	9.7	151232.4	-1704.0	4401	9.8	153309.3	-1750.4
4132	10.	143015.0	-1728.3	4222	9.5	145000.4	-1715.9	4312	6.0	151241.4	-1737.9	4402	10.	153330.4	-1736.4
4133	8.5	143025.7	-1714.6	4223	9.4	145015.4	-1744.2	4313	9.3	151241.9	-1756.8	4403	9.4	153431.3	-1735.0
4134	9.3	143044.9	-1726.2	4224	9.3	145027.6	-1759.6	4314	8.8	151305.0	-1741.5	4404	10.	153444.2	-1744.3
4135	9.5	143058.8	-1735.3	4225	8.7	145035.2	-1705.6	4315	9.8	151333.5	-1750.4	4405	9.1	153449.9	-1714.2
4136	8.9	143110.9	-1706.3	4226	9.2	145055.1	-1734.5	4316	8.8	151346.3	-1709.1	4406	9.1	153452.3	-1753.1
4137	9.8	143116.7	-1758.5	4227	9.6	145100.4	-1704.9	4317	8.8	151401.3	-1743.9	4407	10.	153529.6	-1749.1
4138	7.8	143119.4	-1715.5	4228	10.	145109.3	-1744.5	4318	9.9	151426.8	-1756.2	4408	9.4	153530.9	-1728.8
4139	9.5	143121.2	-1715.6	4229	9.5	145120.6	-1727.7	4319	9.2	151520.0	-1726.6	4409	9.4	153531.7	-1720.6
4140	9.8	143137.7	-1750.5	4230	9.7	145154.6	-1731.0	4320	10.	151524.9	-1728.7	4410	9.4	153535.1	-1714.4
4141	9.4	143143.6	-1750.0	4231	9.3	145155.4	-1702.9	4321	9.4	151550.7	-1713.9	4411	9.8	153545.2	-1756.0

-17 4412 15h35m

-17 4771 17h11m

4412	9.6	153554.7	-1741.5	4502	6.5	160134.4	-1757.1	4592	9.1	162343.0	-1727.5
4413	9.2	153635.6	-1714.4	4503	9.8	160153.5	-1735.3	4593	9.3	162354.6	-1757.6
4414	9.5	153710.9	-1721.1	4504	9.5	160158.9	-1728.2	4594	9.0	162400.8	-1741.2
4415	9.1	153746.2	-1743.1	4505	9.6	160158.9	-1746.2	4595	9.1	162410.2	-1719.6
4416	9.5	153753.7	-1746.6	4506	9.5	160220.6	-1735.6	4596	9.1	162429.2	-1700.1
4417	8.9	153804.6	-1741.0	4507	9.8	160227.3	-1730.2	4597	9.9	162432.1	-1727.9
4418	9.5	153815.9	-1744.4	4508	8.3	160255.7	-1743.9	4598	9.5	162502.5	-1757.0
4419	9.5	153819.0	-1711.6	4509	10.	160311.9	-1729.4	4599	9.5	162512.8	-1742.0
4420	9.3	153856.7	-1734.2	4510	8.9	160313.2	-1736.7	4600	9.5	162548.4	-1747.2
4421	8.0	153902.7	-1737.9	4511	7.3	160340.6	-1751.0	4601	8.3	162628.5	-1759.6
4422	9.8	153906.8	-1707.2	4512	9.9	160428.5	-1726.8	4602	9.7	162633.5	-1712.3
4423	9.3	153928.5	-1751.0	4513	10.	160442.5	-1730.5	4603	9.7	162808.1	-1740.1
4424	9.8	153930.6	-1704.5	4514	7.9	160506.0	-1743.4	4604	9.0	162900.6	-1710.0
4425	9.0	153948.0	-1719.9	4515	9.3	160515.6	-1718.6	4605	9.6	162947.3	-1749.0
4426	9.5	154001.5	-1717.4	4516	9.0	160535.1	-1722.0	4606	7.2	163004.4	-1755.4
4427	8.6	154003.3	-1759.3	4517	9.4	160537.0	-1742.9	4607	9.8	163013.4	-1753.7
4428	9.4	154022.0	-1757.6	4518	8.7	160544.9	-1749.4	4608	9.0	163024.3	-1736.2
4429	9.1	154033.2	-1734.1	4519	9.0	160553.3	-1702.9	4609	9.9	163054.2	-1740.0
4430	10.	154115.8	-1723.2	4520	9.8	160616.9	-1746.1	4610	9.8	163057.7	-1754.1
4431	6.5	154134.2	-1727.0	4521	9.5	160635.7	-1714.9	4611	9.1	163105.9	-1726.3
4432	7.7	154145.0	-1741.5	4522	9.4	160645.0	-1759.8	4612	9.4	163109.3	-1726.3
4433	9.2	154154.5	-1746.7	4523	9.3	160707.6	-1742.8	4613	8.9	163222.1	-1701.9
4434	9.1	154204.6	-1706.7	4524	9.4	160710.7	-1738.9	4614	9.2	163241.8	-1728.2
4435	10.	154209.0	-1742.8	4525	9.3	160711.9	-1741.9	4615	9.5	163249.3	-1739.7
4436	9.0	154210.5	-1707.5	4526	9.6	160742.6	-1716.9	4616	7.3	163254.5	-1746.3
4437	8.8	154218.3	-1751.0	4527	9.8	160802.2	-1703.1	4617	9.5	163304.0	-1751.5
4438	8.7	154238.1	-1736.1	4528	9.7	160803.0	-1737.7	4618	5.3	163310.8	-1727.4
4439	9.8	154241.2	-1729.8	4529	9.1	160826.7	-1706.9	4619	9.5	163349.8	-1756.9
4440	9.6	154308.0	-1702.7	4530	10.	160830.7	-1735.0	4620	9.8	163358.7	-1740.5
4441	9.9	154320.9	-1757.4	4531	9.6	160837.4	-1758.5	4621	9.5	163440.7	-1759.1
4442	7.2	154357.5	-1759.8	4532	9.3	160858.5	-1722.1	4622	9.5	163503.3	-1725.1
4443	9.8	154431.7	-1744.2	4533	9.1	160931.4	-1755.3	4623	9.0	163520.9	-1714.1
4444	9.5	154448.5	-1725.7	4534	7.1	161007.2	-1701.4	4624	9.0	163530.8	-1753.8
4445	7.8	154458.5	-1731.7	4535	9.1	161030.0	-1721.0	4625	9.5	163531.5	-1703.0
4446	9.5	154602.3	-1700.0	4536	9.4	161038.2	-1702.3	4626	8.6	163549.4	-1710.1
4447	9.8	154631.9	-1757.9	4537	9.5	161056.1	-1704.3	4627	9.5	163613.7	-1736.2
4448	10.	154706.9	-1758.8	4538	9.5	161056.8	-1736.9	4628	9.5	163738.2	-1728.3
4449	9.5	154724.7	-1709.0	4539	10.	161115.3	-1737.1	4629	9.6	163746.2	-1740.8
4450	8.0	154731.2	-1735.8	4540	9.8	161121.2	-1740.1	4630	8.5	163753.8	-1705.2
4451	8.7	154741.1	-1727.0	4541	9.5	161122.9	-1726.4	4631	8.2	163809.7	-1719.4
4452	8.7	154743.3	-1749.9	4542	9.0	161143.1	-1708.5	4632	9.0	163814.1	-1727.1
4453	9.0	154750.7	-1755.2	4543	9.4	161154.8	-1735.6	4633	9.8	163834.6	-1759.9
4454	10.	154751.0	-1745.9	4544	9.6	161201.9	-1751.7	4634	9.3	163921.7	-1724.6
4455	10.	154800.2	-1743.8	4545	9.5	161221.8	-1740.9	4635	9.3	163936.2	-1739.7
4456	9.8	154803.2	-1740.9	4546	9.4	161235.9	-1724.4	4636	9.5	163956.2	-1721.3
4457	9.5	154813.6	-1713.4	4547	9.5	161242.9	-1752.1	4637	8.9	164032.0	-1750.6
4458	9.9	154848.5	-1731.7	4548	9.0	161243.3	-1721.1	4638	9.8	164033.2	-1718.9
4459	9.8	154858.5	-1711.4	4549	9.8	161311.2	-1743.6	4639	10.	164113.2	-1714.2
4460	9.6	154908.9	-1752.2	4550	9.6	161315.9	-1716.7	4640	9.5	164143.3	-1701.4
4461	8.5	155009.0	-1719.7	4551	9.5	161323.5	-1705.2	4641	8.9	164143.6	-1752.5
4462	9.4	155023.7	-1707.5	4552	9.1	161336.3	-1709.9	4642	9.5	164154.3	-1702.0
4463	9.5	155027.0	-1702.3	4553	9.8	161405.3	-1742.4	4643	8.2	164258.9	-1741.1
4464	9.5	155055.1	-1708.8	4554	30.0	161407.0	-1732.3	4644	8.9	164337.0	-1725.5
4465	9.1	155107.4	-1750.2	4555	9.9	161408.9	-1707.4	4645	9.5	164341.2	-1713.3
4466	9.5	155122.0	-1703.0	4556	9.5	161436.8	-1752.2	4646	7.6	164531.6	-1744.0
4467	9.4	155220.1	-1714.8	4557	9.5	161452.4	-1714.5	4647	9.3	164548.0	-1726.8
4468	9.1	155225.1	-1705.2	4558	9.5	161453.7	-1704.0	4648	9.4	164551.3	-1747.1
4469	9.1	155246.2	-1743.7	4559	9.5	161455.8	-1729.8	4649	9.7	164601.8	-1738.4
4470	9.2	155250.0	-1719.2	4560	9.5	161504.5	-1706.7	4650	9.7	164605.4	-1737.6
4471	8.7	155416.8	-1727.0	4561	9.3	161520.0	-1710.3	4651	9.8	164612.5	-1757.6
4472	8.2	155419.7	-1745.9	4562	9.0	161604.8	-1724.9	4652	9.5	164627.1	-1718.6
4473	9.5	155420.1	-1718.0	4563	8.3	161620.9	-1713.4	4653	9.4	164629.4	-1756.6
4474	9.2	155422.3	-1729.2	4564	9.4	161622.0	-1759.5	4654	9.5	164631.2	-1727.7
4475	9.6	155431.5	-1729.0	4565	9.1	161634.7	-1744.6	4655	9.6	164648.7	-1740.0
4476	9.0	155434.7	-1701.4	4566	9.5	161656.7	-1746.5	4656	9.3	164651.1	-1751.8
4477	9.5	155447.4	-1709.5	4567	9.2	161707.2	-1731.3	4657	9.5	164708.9	-1727.7
4478	8.0	155458.2	-1751.8	4568	9.8	161709.4	-1710.4	4658	9.8	164728.0	-1751.0
4479	9.8	155529.4	-1724.9	4569	9.5	161725.7	-1704.7	4659	8.2	164735.3	-1740.3
4480	9.8	155530.2	-1749.0	4570	9.5	161801.7	-1726.4	4660	9.5	164742.5	-1747.4
4481	9.4	155612.6	-1759.5	4571	9.4	161818.6	-1740.5	4661	9.1	164803.1	-1734.3
4482	10.	155635.3	-1714.5	4572	7.0	161839.5	-1726.4	4662	9.3	164803.5	-1715.8
4483	9.8	155647.0	-1709.6	4573	9.2	161900.7	-1757.7	4663	8.5	164809.4	-1753.6
4484	9.8	155704.3	-1755.4	4574	8.8	161932.2	-1712.4	4664	9.6	164829.4	-1726.3
4485	9.4	155732.6	-1701.7	4575	8.3	161939.1	-1731.2	4665	8.4	164842.4	-1741.6
4486	9.5	155748.3	-1723.0	4576	9.6	161942.0	-1707.6	4666	9.8	164843.4	-1727.6
4487	9.7	155753.4	-1750.4	4577	9.7	161945.1	-1702.4	4667	7.8	164844.3	-1734.5
4488	9.5	155806.7	-1755.6	4578	9.4	161949.0	-1745.5	4668	9.4	164906.9	-1728.1
4489	9.5	155810.1	-1738.0	4579	9.5	162022.9	-1737.0	4669	9.3	164913.9	-1723.5
4490	9.6	155840.8	-1714.3	4580	7.4	162023.1	-1739.3	4670	9.0	164913.9	-1757.3
4491	7.5	155855.6	-1732.4	4581	8.8	162023.9	-1708.6	4671	8.7	164950.2	-1737.6
4492	8.8	155858.2	-1729.1	4582	9.8	162037.6	-1734.0	4672	8.9	164957.3	-1714.4
4493	8.2	155900.7	-1758.3	4583	9.4	162050.7	-1752.5	4673	9.0	165012.9	-1749.4
4494	7.0	155946.2	-1750.5	4584	9.3	162106.6	-1740.6	4674	9.4	165019.5	-1714.0
4495	10.	155954.9	-1737.4	4585	8.7	162116.3	-1755.0	4675	9.5	165108.9	-1740.4
4496	10.	160001.0	-1742.8	4586	8.8	162153.9	-1741.0	4676	9.3	165111.4	-1754.0
4497	9.7	160057.4	-1745.0	4587	9.5	162221.5	-1733.9	4677	8.5	165147.3	-1759.2
4498	9.8	160106.4	-1725.0	4588	9.7	162224.9	-1747.4	4678	9.8	165159.2	-1758.7
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4682	9.5	165226.1	-1749.0								
4683	9.6	165245.4	-1728.3								
4684	9.5	165246.6	-1736.6								
4685	7.2	165248.0	-1707.0								
4686	9.7	165248.2	-1730.6								
4687	10.	165250.8	-1739.2								
4688	9.1	165302.6	-1701.9								
4689	9.7	165317.4	-1751.0								
4690	9.4	165343.9	-1714.8								
4691	9.8	165425.5	-1723.5								
4692	9.5	165426.8	-1755.5								
4693	9.5	165434.4	-1706.0								
4694	9.5	165536.7	-1729.8								
4695	9.4	165539.8	-1711.7								
4696	9.8	165547.6	-1731.8								
4697	8.5	165552.0	-1704.7								
4698	8.0	165559.8	-1755.5								
4699	9.0	165602.4	-1707.7								
4700	7.0	165604.8	-1716.4								
4701	9.5	165611.6	-1740.4								
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4715	9.0	165935.1	-1750.7								
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4718	8.0	170000.1	-1758.4								
4719	9.7	170006.3	-1725.8								
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4721	9.6	170026.8	-1707.3								
4722	9.5	170029.8	-1704.6								
4723	9.4	170033.1	-1745.6								
4724	8.0	170039.2	-1722.6								
4725	9.8	170053.4	-1745.8								
4726	10.	170059.1	-1731.1								
4727	9.5	170100.6	-1710.3								
4728	9.5	170110.6	-1718.8								
4729	9.5	170127.1	-1727.3								
4730	9.5	170129.9	-1723.6								
4731	8.7	170134.3	-1749.3								
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4736	10.	170227.4	-1740.7								
4737	9.3	170238.8	-1758.2								
4738	9.0	170245.1	-1731.7								
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4741	9.8	170346.2	-1753.6								
4742	7.7	170350.9	-1703.5								
4743	8.7	170402.2	-1757.3								
4744	8.2	170403.4	-1725.5								
4745	9.0	170409.3	-1748.5								
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4747	9.5	170444.4	-1703.8								
4748	9.3	170446.8	-1719.9								
4749	10.	170453.7	-1755.0								
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4752	8.2	170553.8	-1700.7								
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4765	9.2	170915.7	-1725.7								
4766	9.6	170944.6	-1738.9								
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4768	9.2	171012.5	-1757.0								
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4772	9.2	171119.8	-1739.0	4862	9.9	172830.2	-1734.1	4952	9.6	174702.9	-1726.6	5042	9.8	180124.5	-1758.5
4773	6.0	171126.6	-1735.9	4863	9.9	172904.3	-1736.7	4953	9.7	174707.9	-1730.8	5043	9.8	180129.2	-1731.9
4774	9.7	171143.2	-1735.0	4864	8.5	172912.0	-1743.9	4954	9.5	174712.8	-1756.1	5044	9.0	180140.5	-1713.8
4775	10.	171152.9	-1723.7	4865	9.1	172922.7	-1709.4	4955	9.5	174723.5	-1725.1	5045	8.2	180141.2	-1745.2
4776	9.3	171156.4	-1702.8	4866	9.8	172944.5	-1730.6	4956	9.4	174726.2	-1715.7	5046	9.9	180143.7	-1744.5
4777	9.5	171202.0	-1704.5	4867	9.8	172945.4	-1722.8	4957	9.5	174726.8	-1709.3	5047	9.4	180152.6	-1715.1
4778	9.7	171208.8	-1704.6	4868	9.8	172951.0	-1722.8	4958	9.0	174743.0	-1724.5	5048	8.3	180205.4	-1746.7
4779	9.8	171209.9	-1737.2	4869	9.2	173001.3	-1702.0	4959	9.3	174753.3	-1749.9	5049	9.5	180210.8	-1745.2
4780	9.7	171219.9	-1759.4	4870	9.8	173026.6	-1724.7	4960	9.7	174755.2	-1735.6	5050	9.0	180212.5	-1756.9
4781	9.4	171225.3	-1744.6	4871	8.3	173039.8	-1721.6	4961	10.	174803.3	-1702.8	5051	9.5	180217.8	-1709.7
4782	9.1	171246.8	-1753.2	4872	9.8	173040.2	-1709.9	4962	9.8	174823.8	-1707.5	5052	8.3	180219.1	-1709.8
4783	9.1	171248.0	-1754.1	4873	9.7	173052.7	-1704.4	4963	10.	174826.7	-1705.6	5053	9.5	180219.5	-1716.1
4784	9.5	171259.6	-1744.5	4874	9.8	173055.1	-1759.5	4964	9.4	174832.9	-1757.4	5054	9.5	180238.2	-1730.8
4785	9.4	171304.2	-1703.3	4875	10.	173116.1	-1718.0	4965	9.8	174839.3	-1712.8	5055	8.7	180244.3	-1724.2
4786	9.9	171316.0	-1753.9	4876	9.5	173125.1	-1721.2	4966	9.0	174840.0	-1715.0	5056	9.8	180300.4	-1720.2
4787	9.0	171330.4	-1737.3	4877	9.5	173126.7	-1749.7	4967	9.1	174909.4	-1739.1	5057	9.8	180321.6	-1715.7
4788	8.2	171337.9	-1704.0	4878	9.6	173129.4	-1748.9	4968	9.6	174919.1	-1712.4	5058	9.9	180331.8	-1750.4
4789	8.0	171357.7	-1711.3	4879	9.8	173134.2	-1724.7	4969	9.5	174925.2	-1724.0	5059	9.2	180337.0	-1759.6
4790	9.0	171405.8	-1711.7	4880	9.0	173142.0	-1729.7	4970	9.2	174925.8	-1706.1	5060	9.5	180337.5	-1740.6
4791	8.5	171409.1	-1733.1	4881	9.5	173147.3	-1731.6	4971	9.3	174950.7	-1754.9	5061	9.8	180340.5	-1758.9
4792	9.0	171441.2	-1758.7	4882	9.5	173206.0	-1731.9	4972	9.7	174958.7	-1745.7	5062	9.4	180344.7	-1746.1
4793	8.3	171457.8	-1750.0	4883	9.1	173208.2	-1710.8	4973	9.1	175019.2	-1744.3	5063	9.4	180345.6	-1737.0
4794	20.0	171507.1	-1740.5	4884	9.9	173223.2	-1754.9	4974	9.8	175030.7	-1753.5	5064	9.0	180347.3	-1724.7
4795	8.5	171510.7	-1714.7	4885	9.4	173235.0	-1726.5	4975	9.3	175031.2	-1745.7	5065	9.5	180408.6	-1757.8
4796	9.6	171537.7	-1758.5	4886	9.0	173251.1	-1752.6	4976	9.3	175042.1	-1747.9	5066	9.0	180417.3	-1726.9
4797	9.0	171551.2	-1759.8	4887	8.8	173253.6	-1709.8	4977	9.3	175046.6	-1702.6	5067	9.8	180418.0	-1719.5
4798	9.5	171631.1	-1724.1	4888	9.1	173306.5	-1730.6	4978	9.1	175057.0	-1723.0	5068	9.4	180419.3	-1729.5
4799	9.4	171651.7	-1717.3	4889	9.3	173315.7	-1743.7	4979	10.	175111.0	-1741.4	5069	9.4	180422.1	-1736.3
4800	10.	171704.9	-1731.1	4890	9.5	173324.0	-1748.9	4980	9.4	175121.9	-1702.6	5070	9.8	180423.0	-1719.8
4801	9.1	171719.3	-1737.9	4891	9.4	173324.8	-1734.6	4981	8.9	175139.4	-1746.2	5071	9.1	180458.1	-1746.4
4802	10.	171721.7	-1741.0	4892	9.4	173324.9	-1752.3	4982	9.5	175147.1	-1704.4	5072	9.8	180507.0	-1719.3
4803	9.3	171731.1	-1743.7	4893	9.2	173331.7	-1745.8	4983	9.2	175157.9	-1746.7	5073	9.5	180516.7	-1749.5
4804	10.	171741.7	-1721.1	4894	9.1	173334.1	-1717.9	4984	9.8	175213.0	-1757.1	5074	8.9	180518.6	-1711.5
4805	9.5	171803.2	-1757.4	4895	9.2	173423.4	-1752.6	4985	9.9	175239.4	-1738.4	5075	9.0	180519.5	-1710.1
4806	9.1	171805.6	-1727.4	4896	9.5	173439.0	-1730.7	4986	9.5	175251.8	-1745.3	5076	9.3	180525.9	-1725.4
4807	8.9	171807.8	-1714.4	4897	9.5	173451.8	-1704.6	4987	6.0	175258.1	-1708.7	5077	9.7	180543.8	-1702.7
4808	9.2	171816.4	-1745.0	4898	8.7	173453.5	-1725.8	4988	9.4	175302.5	-1700.1	5078	9.5	180557.0	-1751.7
4809	9.8	171837.7	-1720.5	4899	9.4	173516.0	-1756.7	4989	9.6	175318.9	-1740.7	5079	9.0	180557.6	-1759.5
4810	9.5	171938.1	-1724.8	4900	9.6	173519.7	-1748.1	4990	9.4	175320.5	-1713.6	5080	9.1	180611.9	-1723.6
4811	9.7	171938.9	-1747.3	4901	10.	173531.0	-1713.5	4991	9.5	175325.2	-1752.7	5081	9.3	180615.7	-1711.3
4812	10.	171945.4	-1752.8	4902	9.1	173534.6	-1726.7	4992	9.5	175335.1	-1746.2	5082	9.8	180617.4	-1744.6
4813	9.5	172003.1	-1733.5	4903	7.5	173541.4	-1740.3	4993	9.7	175341.6	-1701.1	5083	9.9	180627.5	-1718.9
4814	8.3	172009.2	-1752.0	4904	9.2	173549.4	-1750.1	4994	9.7	175351.6	-1745.9	5084	9.8	180628.2	-1740.9
4815	9.5	172014.8	-1707.5	4905	9.8	173551.3	-1702.2	4995	8.9	175352.0	-1750.2	5085	9.5	180631.4	-1723.6
4816	9.5	172026.7	-1715.8	4906	7.0	173551.3	-1722.0	4996	9.0	175356.6	-1707.5	5086	9.8	180644.8	-1736.3
4817	9.4	172035.6	-1726.7	4907	7.8	173601.3	-1704.6	4997	7.8	175416.1	-1731.0	5087	8.9	180646.0	-1740.6
4818	9.4	172037.2	-1722.0	4908	9.3	173611.1	-1724.0	4998	9.7	175424.8	-1742.3	5088	8.7	180650.1	-1708.5
4819	10.	172045.9	-1725.7	4909	9.1	173630.5	-1731.6	4999	7.8	175440.3	-1724.5	5089	9.8	180657.8	-1740.4
4820	9.8	172109.3	-1713.2	4910	8.5	173631.6	-1709.5	5000	9.0	175441.2	-1758.5	5090	9.8	180703.6	-1755.3
4821	8.2	172114.9	-1741.3	4911	10.	173645.5	-1741.8	5001	7.0	175454.5	-1736.4	5091	9.6	180711.9	-1755.0
4822	9.0	172118.1	-1728.4	4912	9.1	173651.2	-1710.1	5002	9.4	175503.8	-1704.8	5092	8.9	180720.5	-1700.2
4823	9.1	172119.8	-1729.7	4913	9.8	173708.7	-1714.7	5003	10.	175524.7	-1724.4	5093	9.1	180729.4	-1748.6
4824	9.6	172127.7	-1754.2	4914	9.0	173728.5	-1734.6	5004	9.4	175544.5	-1755.3	5094	7.5	180731.1	-1739.2
4825	7.7	172132.7	-1741.0	4915	9.6	173731.6	-1723.4	5005	7.3	175554.6	-1720.7	5095	9.5	180732.3	-1709.0
4826	9.7	172134.1	-1747.6	4916	9.8	173751.7	-1711.6	5006	9.4	175603.5	-1747.7	5096	9.2	180741.0	-1707.9
4827	9.7	172150.8	-1749.4	4917	9.4	173752.7	-1738.3	5007	8.5	175612.9	-1702.0	5097	9.8	180742.9	-1723.2
4828	9.0	172202.7	-1721.2	4918	8.4	173817.6	-1749.8	5008	9.7	175635.5	-1706.8	5098	10.	180800.2	-1723.6
4829	8.8	172213.9	-1745.8	4919	9.1	173850.0	-1705.0	5009	9.4	175646.0	-1734.7	5099	9.6	180801.7	-1736.7
4830	9.8	172231.3	-1709.7	4920	9.9	173914.2	-1713.6	5010	9.8	175646.4	-1729.8	5100	9.8	180809.6	-1756.7
4831	8.3	172232.2	-1715.3	4921	9.5	173920.8	-1754.2	5011	9.1	175700.4	-1717.9	5101	9.1	180810.0	-1721.0
4832	9.8	172245.8	-1759.2	4922	9.9	173952.9	-1750.2	5012	9.5	175709.0	-1747.2	5102	9.2	180814.8	-1751.6
4833	9.8	172246.9	-1701.0	4923	9.4	173956.6	-1714.3	5013	9.7	175723.2	-1750.7	5103	9.6	180816.3	-1731.2
4834	8.0	172247.6	-1701.4	4924	9.4	174015.5	-1725.0	5014	9.9	175726.6	-1752.9	5104	9.7	180816.9	-1740.7
4835	9.0	172300.6	-1758.5	4925	9.6	174020.5	-1740.7	5015	9.5	175729.6	-1731.6	5105	9.8	180823.7	-1723.9
4836	9.6	172306.7	-1711.9	4926	9.8	174100.0	-1724.0	5016	9.7	175731.4	-1700.1	5106	9.8	180825.1	-1715.6
4837	9.7	172318.0	-1749.6	4927	9.3	174115.3	-1705.4	5017	9.4	175733.1	-1754.0	5107	9.0	180825.6	-1759.5
4838	9.5	172328.7	-1712.9	4928	8.2	174129.6	-1715.8	5018	9.4	175802.3	-1753.7	5108	9.4	180830.2	-1707.1
4839	9.8	172347.4	-1740.3	4929	9.1	174150.4	-1758.7	5019	9.8	175803.4	-1718.6	5109	9.5	180834.4	-1759.5
4840	9.8	172421.2	-1718.2	4930	9.1	174155.5	-1719.6	5020	9.0	175807.5	-1712.5	5110	9.7	180836.8	-1748.5
4841	7.0	172433.3	-1723.1	4931	9.7	174159.3	-1711.9	5021	9.6	175810.5	-1741.3	5111	9.5	180842.8	-1701.7
4842	9.8	172443.6	-1720.4	4932	7.3	174231.1	-1712.4	5022	9.2	175813.2	-1753.1	5112	6.0	180845.7	-1724.9
4843	9.0	172452.2	-1755.8	4933	9.6	174258.8	-1702.1	5023	9.5	175824.5	-1738.4	5113	9.5	180854.9	-1702.4
4844	9.2	172459.1	-1711.5	4934	9.5	174300.4	-1732.0	5024	9.4	175825.8	-1714.8	5114	10.	180901.5	-1745.6
4845	9.5	172510.1	-1757.4	4935	9.6	174302.8	-1706.3	5025	9.4	175848.0	-1703.5	5115	9.4	180902.3	-1759.8
4846	9.4	172512.9	-1700.1	4936	9.8	174315.4	-1739.6	5026	9.8	175906.0	-1756.1	5116	9.8	180914.0	-1751.2
4847	10.	172527.1	-1720.1	4937	9.8	174331.3	-1752.9	5027	9.5	175918.3	-1734.0	5117	8.9	180926.3	-1752.9
4848	7.7	172532.3	-1743.8	4938	9.5	174343.0	-1708.1	5028	5.7	175924.6	-1710.1	5118	9.2	180935.6	-1739.6
4849	9.2	172541.0	-1701.9	4939	9.4	174359.9	-1741.5	5029	10.	175932.5	-1752.5	5119	9.8	180952.7	-1736.7
4850	9.0	172547.2	-1713.2	4940	9.5	174405.4	-1737.3	5030	9.5	175941.2	-1725.4	5120	9.5	180955.9	-1728.0
4851	9.5	172613.6	-1758.6	4941	8.0	174450.5	-1726.5	5031	9.7	175941.4	-1740.8	5121	7.9	180958.0	-1734.9
4852	9.5	172628.1	-1725.3	4942	9.4	174456.4	-1738.0	5032	9.9	175952.0	-1701.8	5122	9.2	181006.8	-1709.6
4853	9.8	172630.1	-1718.5	4943	9.3	174512.9	-1724.3	5033	9.0	180004.4	-1744.5	5123	9.5	181007.6	-1729.3
4854	10.	172643.1	-1756.0	4944	9.2	174513.3	-1740.5	5034	8.8	180019.7	-1759.2	5124	9.3	181011.4	-1746.3
4855	9.8	172643.2	-1715.4	4945	9.3	174517.9	-1714.7	5035	8.9	180025.4	-1731.2	5125	9.5	181016.8	-1706.8
4856	9.0	172739.7	-1712.5	4946	8.2	174533.0	-1722.5	5036	9.8	180025.6	-1708.2	5126	9.5	181020.8	-1723.8
4857	7.4	172746.3	-1745.6	4947	9.4	174535.6	-1755.6	5037	9.0	180031.1	-1700.5	5127	9.1	181028.0	-1755.6
4858	9.5	172814.2	-1731.1	4948	9.8	174538.8	-1758.0	5038	9.8	180052.3	-1729.7	5128	9.1	181040.7	-1737.1
4859	9.9	172814.4	-1754.4	4949	10.	174608.9	-1748.4	5039	9.8	180104.6	-1713.4	5129	9.3	181047.5	-1712.3
4860	9.4	172815.6	-1717.5	4950	9.2	174617.8	-1744.2	5040	9.5	180111.7	-1733.2	5130	9.4	181103.8	-1746.7
4861	8.7	172825.3	-1751.6	4951	9.5	174639.1	-1709.2	5041	9.9	180121.1	-1734.1	5131	9.5	181116.2	-1733.1

5132	9.5	181120.3	-1732.9	5222	9.4	182253.9	-1708.4	5312	9.5	183729.2	-1746.9
5133	7.2	181122.9	-1748.8	5223	9.6	182303.5	-1752.7	5313	9.3	183744.5	-1733.7
5134	9.7	181123.2	-1705.3	5224	9.1	182318.8	-1730.4	5314	9.8	183750.6	-1756.0
5135	8.2	181126.0	-1740.0	5225	9.1	182320.5	-1703.5	5315	9.5	183818.5	-1731.6
5136	9.0	181127.9	-1707.6	5226	9.8	182332.0	-1710.6	5316	9.5	183819.1	-1727.7
5137	9.2	181134.0	-1706.8	5227	9.1	182333.2	-1719.9	5317	9.3	183835.7	-1756.6
5138	9.3	181134.3	-1709.6	5228	9.9	182352.7	-1712.7	5318	9.5	183916.5	-1728.6
5139	9.3	181137.9	-1707.0	5229	9.9	182409.1	-1717.5	5319	9.2	183938.1	-1702.4
5140	9.7	181145.8	-1710.3	5230	9.3	182412.2	-1702.2	5320	9.3	183945.9	-1737.6
5141	9.1	181150.8	-1703.3	5231	9.8	182424.1	-1717.6	5321	9.8	183952.8	-1751.4
5142	9.1	181202.0	-1710.3	5232	9.9	182424.9	-1700.3	5322	9.5	184017.7	-1721.0
5143	9.8	181205.2	-1709.5	5233	9.6	182432.3	-1747.0	5323	9.5	184019.3	-1704.5
5144	8.7	181210.6	-1748.7	5234	9.5	182445.7	-1723.5	5324	8.0	184020.2	-1711.4
5145	9.1	181212.9	-1742.9	5235	9.6	182502.0	-1707.4	5325	9.3	184027.4	-1717.2
5146	9.8	181217.1	-1719.5	5236	8.2	182536.2	-1738.3	5326	9.3	184043.3	-1702.3
5147	9.9	181219.2	-1716.0	5237	8.7	182541.2	-1701.2	5327	9.4	184046.7	-1757.7
5148	9.5	181228.3	-1733.4	5238	8.8	182545.0	-1748.3	5328	9.5	184057.6	-1759.3
5149	8.5	181234.7	-1712.2	5239	9.3	182546.3	-1746.3	5329	9.4	184058.6	-1715.5
5150	9.1	181235.9	-1717.4	5240	8.8	182559.9	-1702.8	5330	10.	184106.1	-1745.8
5151	8.2	181243.4	-1726.7	5241	9.3	182613.4	-1756.8	5331	9.4	184106.4	-1712.5
5152	10.	181257.0	-1742.8	5242	9.2	182615.5	-1709.7	5332	8.1	184112.2	-1703.5
5153	9.8	181302.5	-1744.2	5243	9.2	182636.3	-1718.4	5333	9.3	184118.9	-1715.5
5154	9.0	181315.4	-1757.9	5244	9.5	182636.8	-1756.8	5334	8.9	184125.3	-1704.8
5155	9.0	181315.4	-1720.5	5245	7.2	182644.0	-1705.4	5335	9.9	184154.2	-1712.5
5156	9.5	181317.0	-1743.4	5246	9.2	182649.8	-1740.4	5336	9.0	184157.7	-1723.6
5157	9.3	181323.7	-1700.3	5247	9.2	182655.2	-1753.8	5337	9.6	184211.6	-1710.1
5158	9.5	181336.8	-1710.2	5248	9.3	182658.7	-1737.4	5338	9.6	184212.9	-1708.8
5159	9.2	181343.6	-1729.4	5249	9.1	182708.5	-1734.7	5339	9.5	184217.0	-1735.9
5160	9.8	181343.7	-1725.3	5250	9.5	182713.2	-1742.0	5340	9.3	184219.8	-1753.3
5161	9.4	181344.9	-1744.3	5251	9.8	182716.9	-1714.6	5341	9.2	184234.1	-1756.7
5162	9.1	181402.8	-1735.5	5252	9.4	182717.6	-1751.0	5342	8.3	184234.6	-1757.5
5163	9.0	181405.5	-1722.0	5253	9.5	182738.6	-1741.6	5343	9.4	184236.5	-1740.5
5164	9.3	181413.1	-1728.8	5254	9.3	182742.3	-1748.5	5344	8.3	184246.3	-1752.0
5165	9.5	181417.5	-1744.3	5255	9.5	182745.2	-1741.4	5345	9.0	184251.8	-1733.4
5166	9.4	181422.6	-1746.9	5256	9.2	182802.1	-1710.5	5346	9.3	184252.8	-1734.8
5167	9.1	181423.3	-1731.0	5257	9.5	182809.0	-1755.4	5347	6.8	184255.3	-1718.9
5168	9.2	181427.5	-1728.5	5258	9.5	182811.2	-1737.2	5348	9.5	184257.4	-1759.6
5169	9.5	181427.7	-1756.5	5259	7.9	182815.6	-1718.9	5349	9.0	184258.2	-1702.1
5170	9.5	181428.5	-1740.6	5260	9.1	182825.3	-1705.5	5350	8.4	184311.4	-1728.1
5171	8.0	181433.2	-1744.5	5261	9.1	182826.8	-1718.8	5351	9.4	184313.0	-1712.8
5172	8.8	181443.4	-1704.7	5262	9.6	182836.4	-1704.0	5352	9.1	184332.7	-1720.2
5173	9.0	181455.6	-1720.9	5263	9.3	182839.2	-1740.3	5353	8.7	184337.9	-1701.7
5174	9.5	181459.0	-1723.8	5264	9.6	182841.7	-1754.7	5354	9.3	184339.1	-1732.7
5175	9.4	181500.7	-1711.5	5265	9.3	182844.0	-1737.7	5355	9.4	184343.9	-1713.2
5176	9.4	181508.1	-1716.2	5266	9.5	182902.5	-1711.8	5356	9.4	184354.1	-1730.4
5177	9.4	181510.2	-1713.3	5267	9.0	182906.8	-1735.3	5357	9.5	184406.1	-1722.4
5178	9.8	181523.8	-1732.7	5268	9.1	182914.9	-1716.4	5358	9.5	184406.5	-1710.0
5179	9.1	181539.7	-1756.1	5269	9.1	182921.0	-1716.4	5359	9.1	184419.8	-1725.5
5180	9.7	181542.4	-1725.8	5270	9.5	182922.2	-1739.5	5360	9.5	184437.7	-1720.0
5181	10.	181545.3	-1735.0	5271	7.0	182926.6	-1720.6	5361	9.5	184505.2	-1757.4
5182	9.8	181546.4	-1740.8	5272	9.1	182929.1	-1716.1	5362	8.9	184511.8	-1700.4
5183	9.1	181606.5	-1759.2	5273	8.6	182933.8	-1704.2	5363	9.5	184528.9	-1740.2
5184	9.3	181614.0	-1747.0	5274	9.5	183004.8	-1706.1	5364	9.5	184534.8	-1738.8
5185	9.2	181623.1	-1719.0	5275	9.5	183024.9	-1723.2	5365	9.2	184535.7	-1743.7
5186	10.	181633.2	-1729.5	5276	9.5	183030.4	-1725.6	5366	9.3	184546.6	-1719.5
5187	9.0	181649.1	-1735.6	5277	9.2	183043.3	-1734.5	5367	9.5	184554.4	-1750.1
5188	9.7	181650.6	-1728.4	5278	9.2	183101.7	-1748.5	5368	9.2	184600.9	-1720.5
5189	9.5	181702.6	-1722.1	5279	9.6	183125.4	-1701.6	5369	9.1	184603.2	-1702.7
5190	9.0	181722.3	-1708.7	5280	9.7	183136.3	-1741.8	5370	9.4	184616.4	-1719.2
5191	9.1	181733.1	-1708.1	5281	9.0	183137.4	-1754.1	5371	8.8	184623.7	-1720.2
5192	9.3	181739.7	-1752.0	5282	9.8	183204.2	-1720.8	5372	9.1	184626.5	-1743.7
5193	9.3	181804.8	-1713.4	5283	9.8	183208.9	-1707.5	5373	9.5	184630.6	-1740.2
5194	8.2	181813.4	-1744.0	5284	9.4	183209.7	-1703.9	5374	9.5	184643.6	-1751.6
5195	9.4	181821.5	-1719.2	5285	9.5	183218.3	-1756.4	5375	9.0	184653.5	-1748.5
5196	7.8	181830.2	-1716.1	5286	9.2	183231.5	-1723.3	5376	9.5	184657.1	-1732.8
5197	8.5	181840.3	-1724.3	5287	9.5	183233.6	-1717.5	5377	9.3	184703.8	-1721.5
5198	8.8	181845.9	-1721.5	5288	8.0	183255.2	-1712.3	5378	8.7	184714.0	-1755.9
5199	9.0	181851.4	-1701.1	5289	9.3	183309.1	-1755.7	5379	9.5	184718.1	-1704.7
5200	9.1	181903.2	-1715.3	5290	9.5	183317.1	-1741.8	5380	9.8	184722.2	-1755.9
5201	9.5	181917.0	-1744.6	5291	7.0	183345.3	-1708.6	5381	8.4	184727.2	-1745.2
5202	9.4	181923.3	-1741.5	5292	9.0	183357.0	-1759.1	5382	9.0	184731.8	-1723.8
5203	6.7	181928.1	-1752.9	5293	9.3	183417.4	-1703.0	5383	9.7	184733.0	-1735.2
5204	9.6	181935.8	-1751.9	5294	9.5	183423.5	-1758.8	5384	9.5	184738.7	-1705.0
5205	9.5	181948.7	-1759.5	5295	9.0	183427.1	-1753.3	5385	9.5	184745.8	-1723.8
5206	9.4	181952.3	-1713.2	5296	9.5	183427.9	-1749.5	5386	9.0	184757.3	-1740.3
5207	8.7	182008.8	-1703.5	5297	9.2	183431.1	-1724.9	5387	10.	184805.0	-1718.0
5208	9.2	182010.3	-1701.7	5298	9.5	183434.4	-1703.1	5388	7.2	184818.9	-1737.5
5209	9.5	182015.2	-1716.6	5299	9.5	183457.7	-1715.9	5389	8.7	184825.1	-1725.5
5210	9.1	182026.4	-1712.0	5300	9.0	183503.9	-1733.3	5390	9.7	184840.3	-1743.0
5211	9.8	182027.3	-1757.8	5301	8.2	183516.0	-1740.8	5391	9.8	184915.2	-1759.9
5212	9.8	182029.6	-1710.4	5302	9.4	183521.2	-1716.6	5392	9.7	184921.2	-1747.9
5213	9.0	182105.5	-1726.4	5303	7.7	183526.9	-1704.5	5393	9.6	184944.4	-1755.0
5214	9.4	182155.9	-1710.0	5304	9.8	183549.4	-1740.2	5394	9.4	184951.6	-1725.4
5215	9.7	182204.1	-1702.3	5305	9.8	183624.8	-1739.0	5395	9.2	185004.3	-1728.7
5216	9.7	182215.4	-1734.0	5306	9.8	183641.2	-1702.4	5396	9.0	185009.0	-1740.0
5217	9.7	182216.1	-1713.1	5307	9.5	183644.0	-1748.4	5397	9.4	185010.5	-1718.4
5218	9.2	182217.0	-1718.8	5308	10.	183703.2	-1723.6	5398	9.6	185019.4	-1719.6
5219	10.	182221.0	-1752.4	5309	10.	183709.4	-1705.0	5399	9.5	185025.3	-1743.2
5220	9.0	182226.6	-1721.2	5310	7.4	183710.9	-1741.3	5400	9.5	185043.6	-1702.6
5221	8.9	182251.2	-1752.3	5311	9.1	183725.7	-1754.4	5401	9.0	185045.5	-1716.6
5402	9.7	185046.3	-1744.7								
5403	9.4	185053.3	-1709.6								
5404	9.8	185054.3	-1711.6								
5405	9.8	185111.5	-1715.0								
5406	9.2	185146.8	-1747.2								
5407	9.7	185153.8	-1728.0								
5408	9.5	185157.3	-1753.8								
5409	7.8	185200.2	-1741.2								
5410	8.6	185204.0	-1711.1								
5411	9.8	185205.8	-1734.7								
5412	10.	185216.4	-1707.5								
5413	9.4	185218.0	-1710.3								
5414	8.5	185218.6	-1724.0								
5415	10.	185303.5	-1716.3								
5416	9.8	185306.4	-1733.7								
5417	9.8	185315.8	-1729.9								
5418	9.8	185322.4	-1721.6								
5419	8.0	185326.0	-1732.7								
5420	9.5	185330.2	-1741.5								
5421	9.5	185331.6	-1759.5								
5422	9.5	185335.0	-1707.7								
5423	8.7	185335.5	-1716.2								
5424	9.8	185337.5	-1729.2								
5425	10.	185338.0	-1757.0								
5426	9.5	185340.3	-1727.3								
5427	8.0	185343.2	-1703.3								
5428	9.5	185359.6	-1735.2								
5429	9.5	185400.5	-1722.0								
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5431	8.9	185422.1	-1712.4								
5432	9.5	185425.3	-1719.7								
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5434	9.0	185428.7	-1702.5								
5435	9.8	185431.9	-1755.4								
5436	9.4	185438.3	-1730.0								
5437	8.7	185446.8	-1750.6								
5438	9.5	185456.5	-1730.9								
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5443	9.6	185522.9	-1728.3								
5444	9.5	185537.0	-1718.5								
5445	8.1	185542.0	-1705.8								
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5447	9.4	185543.9	-1749.2								
5448	9.7	185548.7	-1702.2								
5449	9.5	185549.3	-1705.2								
5450	9.4	185610.3	-1729.0								
5451	9.5	185622.2	-1754.5								
5452	9.6	185622.3	-1728.9								
5453	8.2	185623.4	-1732.3								
5454	8.0	185627.4	-1704.1								
5455	10.	185632.0	-1743.1								
5456	9.5	185644.6	-1749.0								
5457	9.8	185645.2	-1727.9								
5458	9.4	185651.6	-1700.5								
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5460	9.0	185708.1	-1722.7								
5461	9.5	185732.0	-1739.3								
5462	10.	185734.8	-1750.8								
5463	9.5	185737.1	-1727.3								
5464	9.7	185743.6	-1750.9								
5465	9.5	185746.2	-1742.9								
5466	9.8	185801.8	-1707.8								
5467	9.4	185814.7	-1727.5								
5468	9.1	185816.4	-1731.0								
5469	8.8	185819.0	-1727.4								
5470	9.0	185819.1	-1719.2								
5471	9.8	185825.1	-1709.8								
5472	9.8	185828.5	-1759.1								
5473	10.	185833.0	-1715.7								
5474	10.	185834.9	-1722.2								
5475	9.4	185845.4	-1730.2								
5476	9.8	185850.9	-1707.7								
5477	9.7	185853.4	-1708.6								
5478	7.1	185854.6	-1727.2								
5479	9.0	185856.0	-1721.9								
5480	9.5	185901.8	-1751.4								
5481	9.4	185908.7	-1713.6								
5482	9.5	185922.0	-1722.1								
5483	9.1	185926.1	-1743.1								
5484	9.2	185929.8	-1725.3								
5485	9.4	185933.1	-1739.8								
5486	9.5	185934.7	-1709.0								
5487	9.1	185938.1	-1753.4								
5488	8.7	185946.9	-1726.8								
5489	9.7	190016.5	-1736.5								
5490	9.7	190016.8	-1738.8								
5491	9.4	190022.2	-1731.4								

-17 5492 19h00m

-17 5851 19h56m

5492	9.6	190025.7	-1729.6	5582	9.5	191116.1	-1710.0	5672	9.0	192547.4	-1737.2	5762	9.8	194201.0	-1741.5
5493	8.1	190031.4	-1744.9	5583	9.4	191119.1	-1708.6	5673	9.0	192615.0	-1721.3	5763	9.8	194202.2	-1717.0
5494	9.4	190034.1	-1727.1	5584	8.7	191120.4	-1716.0	5674	10.	192616.9	-1727.2	5764	9.5	194232.0	-1725.1
5495	7.8	190102.3	-1706.8	5585	9.9	191120.9	-1713.1	5675	9.5	192636.1	-1700.9	5765	9.5	194234.6	-1751.8
5496	9.5	190116.4	-1737.5	5586	9.8	191131.9	-1745.1	5676	9.5	192654.8	-1700.7	5766	9.3	194309.1	-1712.6
5497	9.5	190116.9	-1704.1	5587	9.5	191206.5	-1726.8	5677	9.8	192656.9	-1742.8	5767	9.6	194317.6	-1715.7
5498	9.5	190128.6	-1756.6	5588	8.1	191210.1	-1718.3	5678	9.5	192708.6	-1743.5	5768	8.5	194325.0	-1737.6
5499	9.5	190130.8	-1741.3	5589	9.0	191214.2	-1723.5	5679	9.5	192735.9	-1727.3	5769	9.4	194330.5	-1754.9
5500	9.8	190133.7	-1751.0	5590	10.	191220.0	-1741.6	5680	9.8	192745.6	-1709.5	5770	9.5	194337.6	-1758.5
5501	8.5	190139.1	-1744.1	5591	9.5	191220.9	-1711.9	5681	9.3	192806.5	-1711.0	5771	9.0	194342.6	-1739.5
5502	9.2	190158.8	-1749.4	5592	9.4	191221.7	-1743.4	5682	9.8	192813.8	-1758.8	5772	9.3	194344.3	-1708.4
5503	9.5	190210.9	-1711.0	5593	9.4	191228.4	-1714.7	5683	9.1	192816.0	-1753.1	5773	9.0	194347.1	-1745.3
5504	9.4	190213.6	-1723.0	5594	9.9	191230.9	-1732.7	5684	10.	192819.2	-1742.6	5774	9.3	194352.0	-1736.4
5505	9.0	190215.0	-1758.1	5595	9.5	191232.6	-1742.9	5685	7.8	192819.6	-1738.6	5775	9.8	194357.2	-1707.3
5506	9.5	190229.6	-1727.1	5596	9.4	191246.5	-1721.1	5686	9.9	192824.6	-1756.8	5776	7.8	194407.3	-1714.8
5507	9.4	190232.4	-1710.4	5597	8.8	191304.1	-1729.3	5687	9.9	192839.2	-1701.0	5777	9.5	194418.7	-1743.6
5508	9.4	190239.8	-1744.3	5598	7.2	191319.5	-1730.5	5688	9.5	192843.9	-1738.4	5778	9.3	194431.8	-1719.5
5509	9.5	190246.5	-1729.2	5599	9.5	191320.2	-1745.7	5689	9.2	192849.6	-1702.2	5779	8.9	194433.2	-1723.6
5510	8.3	190251.1	-1740.0	5600	9.7	191344.8	-1704.7	5690	8.2	192856.9	-1729.1	5780	9.4	194434.9	-1721.7
5511	9.5	190301.0	-1759.3	5601	9.1	191356.7	-1735.3	5691	9.5	192928.5	-1752.4	5781	9.3	194500.0	-1744.9
5512	9.5	190320.6	-1702.8	5602	9.4	191422.1	-1717.3	5692	9.6	192929.4	-1732.2	5782	9.5	194509.1	-1713.4
5513	9.4	190325.3	-1714.4	5603	9.4	191425.4	-1728.2	5693	9.7	192932.9	-1731.4	5783	9.8	194514.1	-1717.9
5514	9.3	190332.5	-1750.7	5604	8.2	191435.7	-1747.4	5694	9.7	192943.2	-1753.5	5784	9.3	194528.3	-1717.0
5515	9.2	190336.3	-1713.6	5605	9.2	191436.6	-1735.8	5695	9.7	192949.3	-1740.5	5785	8.3	194531.5	-1701.1
5516	9.7	190339.4	-1733.2	5606	9.8	191500.4	-1728.5	5696	8.5	193021.4	-1725.0	5786	9.2	194543.1	-1750.1
5517	9.2	190348.4	-1756.2	5607	9.5	191503.9	-1702.4	5697	9.5	193023.5	-1749.6	5787	8.7	194548.0	-1747.1
5518	9.5	190348.5	-1750.1	5608	8.8	191515.8	-1752.4	5698	9.0	193048.5	-1743.8	5788	9.8	194554.6	-1743.0
5519	9.5	190356.9	-1738.8	5609	9.5	191516.5	-1758.0	5699	6.8	193052.2	-1713.9	5789	9.4	194616.8	-1751.9
5520	9.4	190416.3	-1717.2	5610	9.3	191521.6	-1743.3	5700	9.7	193104.7	-1755.4	5790	9.4	194617.0	-1709.1
5521	8.9	190421.6	-1714.2	5611	7.0	191526.6	-1727.7	5701	9.5	193130.0	-1718.4	5791	8.6	194636.9	-1725.8
5522	8.8	190431.8	-1714.0	5612	10.	191539.4	-1735.7	5702	9.5	193135.7	-1729.7	5792	9.7	194638.7	-1716.6
5523	9.7	190438.2	-1753.9	5613	9.4	191544.6	-1747.0	5703	9.0	193136.0	-1722.5	5793	9.8	194639.4	-1719.8
5524	9.7	190451.3	-1749.1	5614	9.8	191559.5	-1744.4	5704	8.8	193138.7	-1746.8	5794	9.6	194654.9	-1708.8
5525	9.1	190452.1	-1720.7	5615	9.8	191617.8	-1753.5	5705	9.5	193157.5	-1756.1	5795	8.5	194716.1	-1756.3
5526	9.3	190452.3	-1719.8	5616	9.3	191625.8	-1754.1	5706	8.5	193158.0	-1712.5	5796	10.	194726.0	-1746.6
5527	9.0	190526.2	-1704.4	5617	8.8	191635.2	-1747.0	5707	9.5	193202.0	-1714.0	5797	9.5	194731.9	-1753.3
5528	9.3	190528.3	-1747.3	5618	9.0	191639.3	-1757.8	5708	9.3	193215.0	-1716.3	5798	9.3	194739.7	-1729.7
5529	9.5	190531.0	-1755.1	5619	9.3	191653.9	-1709.2	5709	9.5	193224.4	-1752.5	5799	9.8	194749.8	-1702.6
5530	9.4	190538.5	-1731.7	5620	8.7	191657.3	-1755.5	5710	9.3	193224.7	-1710.5	5800	9.9	194754.2	-1724.6
5531	9.5	190548.9	-1736.4	5621	7.8	191658.4	-1706.8	5711	9.5	193250.4	-1705.2	5801	9.8	194831.0	-1743.0
5532	9.5	190553.5	-1716.1	5622	7.9	191700.2	-1701.1	5712	9.3	193254.2	-1726.4	5802	9.1	194844.8	-1751.3
5533	9.3	190610.9	-1742.6	5623	9.3	191715.0	-1713.5	5713	9.8	193256.4	-1739.6	5803	9.5	194900.0	-1701.9
5534	9.0	190621.8	-1715.8	5624	9.5	191726.8	-1727.1	5714	9.2	193308.0	-1740.6	5804	8.9	194909.7	-1728.0
5535	6.8	190626.0	-1735.5	5625	9.6	191728.5	-1727.6	5715	10.	193314.5	-1721.4	5805	9.8	194913.1	-1737.3
5536	9.0	190626.6	-1758.2	5626	9.8	191734.1	-1717.4	5716	9.5	193326.0	-1715.9	5806	9.9	194914.7	-1725.6
5537	9.0	190634.3	-1719.9	5627	9.1	191743.3	-1708.0	5717	9.5	193342.0	-1722.1	5807	9.7	194918.0	-1725.1
5538	9.5	190642.6	-1729.0	5628	9.8	191745.6	-1752.5	5718	9.8	193344.4	-1736.9	5808	9.5	194918.4	-1750.4
5539	9.5	190646.8	-1712.2	5629	8.0	191759.7	-1724.9	5719	9.8	193353.5	-1732.1	5809	9.5	194927.6	-1754.5
5540	8.8	190711.7	-1706.6	5630	10.	191800.1	-1756.5	5720	9.7	193358.4	-1733.2	5810	9.1	194943.4	-1753.8
5541	9.2	190714.9	-1743.7	5631	9.6	191815.8	-1712.9	5721	9.3	193430.7	-1759.9	5811	9.5	195011.2	-1726.4
5542	9.2	190719.9	-1740.5	5632	9.6	191816.0	-1713.7	5722	9.7	193431.9	-1738.7	5812	9.5	195023.7	-1745.7
5543	9.0	190739.3	-1736.3	5633	7.9	191825.5	-1704.2	5723	9.5	193438.4	-1722.7	5813	9.5	195028.7	-1752.9
5544	9.1	190739.6	-1728.7	5634	10.	191825.7	-1746.0	5724	9.3	193441.4	-1743.4	5814	9.5	195033.8	-1722.6
5545	9.2	190744.9	-1704.8	5635	9.5	191828.2	-1742.7	5725	9.5	193453.0	-1730.1	5815	9.5	195040.1	-1726.7
5546	30.0	190752.1	-1713.2	5636	9.4	191834.8	-1718.1	5726	9.5	193502.1	-1714.0	5816	9.3	195112.2	-1727.1
5547	9.5	190754.0	-1752.1	5637	9.5	191853.3	-1754.9	5727	9.8	193523.0	-1752.5	5817	9.5	195116.4	-1758.3
5548	9.1	190755.5	-1735.4	5638	9.3	191902.3	-1758.0	5728	9.6	193523.6	-1718.0	5818	10.	195132.2	-1709.1
5549	9.5	190759.3	-1750.3	5639	9.1	191914.2	-1737.8	5729	9.8	193545.0	-1759.1	5819	9.5	195135.1	-1732.3
5550	9.5	190811.8	-1720.4	5640	9.3	192002.2	-1731.1	5730	10.	193554.2	-1743.4	5820	9.4	195148.7	-1754.9
5551	9.1	190816.2	-1742.9	5641	9.3	192012.8	-1709.0	5731	10.	193609.2	-1756.4	5821	9.5	195152.1	-1737.3
5552	9.0	190816.7	-1754.4	5642	9.5	192015.1	-1758.5	5732	7.8	193609.6	-1744.3	5822	9.5	195212.0	-1727.8
5553	9.2	190822.2	-1748.3	5643	9.0	192040.7	-1752.0	5733	8.9	193629.8	-1746.7	5823	9.4	195222.1	-1728.9
5554	9.2	190832.4	-1717.5	5644	9.3	192057.3	-1759.5	5734	9.4	193629.9	-1759.8	5824	9.5	195236.3	-1703.6
5555	8.2	190839.3	-1718.0	5645	10.	192058.2	-1747.5	5735	10.	193649.0	-1726.1	5825	10.	195241.2	-1711.0
5556	9.3	190842.8	-1722.7	5646	10.	192116.1	-1705.1	5736	9.0	193653.1	-1750.1	5826	9.8	195241.6	-1734.7
5557	9.5	190843.7	-1714.8	5647	8.5	192141.0	-1751.3	5737	9.0	193656.2	-1725.7	5827	9.0	195246.2	-1748.2
5558	9.8	190858.9	-1709.5	5648	9.7	192223.0	-1720.1	5738	9.3	193656.4	-1715.3	5828	9.4	195248.7	-1735.6
5559	9.3	190908.1	-1709.5	5649	8.7	192225.1	-1729.9	5739	9.7	193721.1	-1706.1	5829	10.	195304.9	-1726.0
5560	9.5	190912.0	-1742.0	5650	8.8	192233.0	-1703.3	5740	10.	193737.1	-1709.2	5830	9.4	195308.5	-1731.8
5561	9.5	190918.0	-1737.4	5651	8.7	192233.1	-1731.9	5741	9.3	193738.5	-1757.9	5831	9.4	195312.2	-1753.6
5562	9.4	190919.6	-1730.4	5652	10.	192234.5	-1752.9	5742	9.8	193743.4	-1734.3	5832	7.3	195314.6	-1715.2
5563	9.9	190924.2	-1751.8	5653	9.2	192247.1	-1700.2	5743	9.0	193821.5	-1731.9	5833	9.2	195318.0	-1712.9
5564	7.8	190928.9	-1710.6	5654	9.4	192254.4	-1714.3	5744	10.	193828.2	-1700.3	5834	9.5	195322.1	-1732.4
5565	9.9	190934.4	-1743.5	5655	8.5	192301.4	-1758.1	5745	9.5	193835.3	-1754.7	5835	7.3	195332.2	-1756.5
5566	9.7	190935.2	-1756.9	5656	9.2	192313.9	-1734.6	5746	7.0	193848.7	-1725.5	5836	9.8	195343.4	-1757.2
5567	10.	190939.1	-1743.3	5657	9.0	192315.8	-1737.4	5747	9.5	193904.4	-1731.0	5837	9.5	195431.7	-1759.7
5568	9.7	190939.1	-1752.4	5658	8.9	192319.9	-1731.6	5748	7.5	193920.0	-1725.2	5838	9.5	195437.1	-1731.6
5569	9.3	190951.0	-1738.5	5659	8.3	192337.5	-1706.9	5749	9.3	193937.0	-1728.9	5839	7.4	195447.7	-1744.6
5570	8.7	190955.9	-1715.4	5660	9.8	192342.2	-1701.2	5750	8.0	193939.6	-1750.0	5840	9.7	195453.9	-1753.5
5571	8.3	191000.3	-1719.6	5661	9.7	192354.9	-1735.5	5751	9.4	193942.6	-1746.3	5841	8.5	195522.0	-1708.8
5572	10.	191002.3	-1715.4	5662	9.5	192358.4	-1715.5	5752	9.2	193958.1	-1704.1	5842	9.8	195537.9	-1740.0
5573	8.2	191012.7	-1728.5	5663	9.7	192436.5	-1703.9	5753	9.2	194012.5	-1729.8	5843	8.9	195540.3	-1702.4
5574	9.0	191020.4	-1716.1	5664	9.4	192447.3	-1741.7	5754	9.8	194048.6	-1740.3	5844	9.4	195547.1	-1736.1
5575	9.4	191026.9	-1709.4	5665	8.8	192500.2	-1721.7	5755	9.2	194057.6	-1747.1	5845	10.	195547.6	-1727.2
5576	9.5	191032.0	-1705.1	5666	9.0	192514.3	-1707.5	5756	9.5	194102.0	-1726.3	5846	9.5	195550.7	-1743.2
5577	9.8	191035.4	-1744.4	5667	9.4	192517.6	-1705.6	5757	9.7	194105.4	-1703.9	5847	8.8	195603.0	-1751.8
5578	8.3	191039.1	-1709.4	5668	9.3	192522.4	-1718.0	5758	9.7	194124.2	-1722.0	5848	9.8	195602.1	-1757.8
5579	9.0	191101.6	-1712.9	5669	9.0	192529.4	-1758.9	5759	9.1	194140.9	-1740.5	5849	9.8	195603.9	-1716.0
5580	9.4	191102.3	-1737.8	5670	9.8	192537.4	-1757.2	5760	9.3	194147.4	-1704.8	5850	9.6	195607.1	-1721.0
5581	9.3	191110.7	-1714.7	5671	9.0	192546.3	-1715.7	5761	9.5	194148.7	-1752.3	5851	10.	195617.0	-1731.3

-17 5852 19h56m

-17 6211 21h05m

5852	9.5	195648.0	-1700.5	5942	9.8	201210.2	-1745.5	6032	10.	202804.2	-1751.3	6122	9.4	204656.9	-1713.1
5853	9.3	195657.0	-1717.8	5943	9.4	201222.4	-1752.0	6033	9.5	202828.8	-1722.3	6123	9.0	204710.0	-1705.7
5854	9.5	195710.3	-1748.0	5944	9.5	201228.2	-1702.8	6034	9.1	202838.7	-1730.8	6124	9.8	204712.3	-1749.5
5855	9.8	195723.7	-1753.4	5945	9.5	201228.3	-1728.1	6035	9.8	202841.4	-1715.5	6125	9.2	204712.6	-1713.2
5856	9.7	195724.0	-1707.7	5946	9.7	201228.4	-1700.4	6036	9.5	202905.3	-1704.0	6126	10.	204727.1	-1714.1
5857	9.0	195731.2	-1711.0	5947	7.8	201240.4	-1716.8	6037	9.5	202906.4	-1722.9	6127	7.3	204737.1	-1739.6
5858	9.6	195806.2	-1753.8	5948	9.0	201244.3	-1727.8	6038	9.5	202919.8	-1705.1	6128	9.9	204751.8	-1744.6
5859	9.4	195822.1	-1726.8	5949	8.6	201245.1	-1708.8	6039	7.2	202935.2	-1737.2	6129	7.8	204758.5	-1747.4
5860	7.8	195845.2	-1736.0	5950	8.9	201256.6	-1730.7	6040	9.3	202943.0	-1748.7	6130	9.1	204840.0	-1715.4
5861	8.7	195910.4	-1722.1	5951	8.7	201307.2	-1739.9	6041	10.	202946.3	-1705.7	6131	9.6	204846.7	-1738.1
5862	9.3	195924.6	-1707.7	5952	9.2	201341.5	-1742.6	6042	10.	202948.3	-1706.6	6132	9.4	204913.4	-1716.7
5863	9.1	195925.9	-1749.9	5953	9.4	201346.1	-1748.5	6043	10.	202948.5	-1750.4	6133	9.1	204920.0	-1700.2
5864	9.1	195926.1	-1724.7	5954	8.0	201357.3	-1714.0	6044	9.9	203028.3	-1715.6	6134	9.8	204952.3	-1734.7
5865	9.2	195944.3	-1714.0	5955	9.4	201410.9	-1756.3	6045	8.2	203029.7	-1733.8	6135	8.8	205005.1	-1714.9
5866	9.8	195952.0	-1723.4	5956	9.8	201415.5	-1700.8	6046	7.5	203052.4	-1703.7	6136	10.	205012.2	-1720.2
5867	10.	200010.3	-1718.4	5957	9.9	201422.4	-1755.4	6047	9.9	203116.3	-1713.3	6137	8.6	205012.3	-1734.2
5868	9.4	200010.8	-1746.8	5958	9.4	201447.7	-1716.0	6048	9.9	203121.3	-1717.8	6138	9.6	205039.3	-1740.8
5869	9.3	200011.5	-1749.0	5959	9.2	201459.9	-1740.6	6049	10.	203121.8	-1720.0	6139	10.	205103.5	-1754.0
5870	9.8	200030.1	-1713.4	5960	9.8	201508.2	-1718.2	6050	10.	203149.3	-1727.2	6140	8.5	205118.7	-1726.2
5871	9.8	200043.1	-1734.0	5961	9.1	201537.8	-1744.5	6051	9.9	203209.3	-1733.1	6141	10.	205124.5	-1722.6
5872	9.8	200051.3	-1723.7	5962	9.4	201548.7	-1746.5	6052	10.	203216.6	-1747.1	6142	9.6	205133.5	-1749.9
5873	9.8	200114.2	-1733.1	5963	9.3	201552.6	-1726.7	6053	9.8	203219.0	-1710.6	6143	10.	205137.4	-1758.5
5874	9.8	200130.7	-1755.4	5964	9.5	201555.4	-1703.2	6054	9.3	203232.4	-1725.4	6144	8.7	205149.6	-1750.2
5875	8.3	200135.4	-1731.9	5965	9.2	201611.6	-1731.8	6055	9.1	203243.7	-1753.5	6145	9.2	205201.8	-1714.0
5876	9.6	200139.1	-1702.2	5966	9.8	201614.3	-1721.6	6056	9.5	203246.8	-1734.5	6146	10.	205206.6	-1716.8
5877	9.5	200148.1	-1711.8	5967	8.5	201617.4	-1728.5	6057	9.5	203301.6	-1713.7	6147	9.8	205212.6	-1718.6
5878	9.8	200204.4	-1706.8	5968	9.4	201631.4	-1729.0	6058	9.2	203305.5	-1712.1	6148	10.	205225.6	-1733.3
5879	9.3	200206.3	-1718.0	5969	9.5	201633.5	-1744.0	6059	7.5	203306.1	-1753.1	6149	9.5	205226.2	-1738.6
5880	9.6	200208.2	-1726.1	5970	9.8	201702.9	-1710.7	6060	9.7	203401.3	-1735.5	6150	9.5	205229.1	-1752.9
5881	9.5	200221.2	-1729.6	5971	9.5	201706.4	-1717.9	6061	10.	203414.4	-1742.9	6151	10.	205244.3	-1706.9
5882	9.5	200229.8	-1711.2	5972	9.1	201708.9	-1746.9	6062	9.5	203452.6	-1714.8	6152	9.8	205308.3	-1757.6
5883	9.6	200230.3	-1759.0	5973	9.4	201802.2	-1727.8	6063	9.5	203501.2	-1746.9	6153	9.7	205310.4	-1741.2
5884	8.3	200251.7	-1723.6	5974	9.8	201813.7	-1741.2	6064	9.5	203506.4	-1732.0	6154	9.0	205321.5	-1725.4
5885	10.	200300.2	-1731.8	5975	6.8	201815.5	-1750.7	6065	9.3	203509.2	-1721.4	6155	8.0	205328.5	-1700.3
5886	9.8	200309.2	-1757.2	5976	9.8	201820.3	-1725.1	6066	9.5	203529.8	-1744.9	6156	10.	205337.9	-1758.2
5887	9.7	200322.7	-1708.8	5977	9.8	201833.4	-1717.1	6067	9.2	203541.5	-1717.1	6157	9.8	205357.0	-1705.1
5888	9.5	200334.8	-1756.9	5978	9.2	201838.8	-1709.6	6068	9.5	203545.4	-1707.2	6158	8.2	205413.1	-1752.4
5889	9.4	200347.7	-1745.9	5979	8.5	201852.6	-1734.0	6069	9.5	203559.6	-1710.8	6159	9.8	205419.7	-1722.8
5890	9.4	200351.3	-1753.6	5980	9.1	201858.1	-1727.2	6070	9.8	203617.0	-1723.0	6160	9.8	205420.8	-1759.8
5891	8.9	200354.2	-1716.9	5981	9.8	201910.4	-1709.9	6071	10.	203617.4	-1717.0	6161	10.	205534.6	-1720.5
5892	9.8	200354.2	-1732.3	5982	9.0	201910.9	-1732.1	6072	9.7	203649.5	-1738.5	6162	9.5	205534.7	-1702.2
5893	9.0	200400.2	-1727.8	5983	9.7	201926.8	-1716.7	6073	9.8	203705.2	-1758.8	6163	10.	205537.0	-1742.5
5894	9.1	200412.3	-1758.9	5984	9.5	201938.4	-1713.0	6074	9.7	203710.5	-1711.2	6164	9.5	205540.9	-1721.7
5895	9.3	200429.8	-1701.8	5985	9.5	201946.3	-1718.4	6075	10.	203745.8	-1745.4	6165	9.5	205541.3	-1744.6
5896	9.8	200435.7	-1746.1	5986	9.6	201957.9	-1742.0	6076	9.0	203802.9	-1747.7	6166	9.2	205545.0	-1756.2
5897	9.8	200437.7	-1707.9	5987	8.6	202008.9	-1748.3	6077	9.5	203810.0	-1713.9	6167	7.7	205643.6	-1744.2
5898	9.5	200445.2	-1759.4	5988	9.7	202026.8	-1744.2	6078	9.5	203814.4	-1704.4	6168	9.8	205702.0	-1744.4
5899	9.0	200448.3	-1746.0	5989	9.2	202029.7	-1758.0	6079	9.0	203814.6	-1724.2	6169	9.9	205726.0	-1743.0
5900	10.	200453.1	-1714.0	5990	9.8	202031.3	-1753.3	6080	8.5	203820.4	-1713.7	6170	9.0	205726.6	-1736.2
5901	8.5	200459.1	-1718.6	5991	9.8	202038.1	-1727.0	6081	8.0	203821.9	-1740.9	6171	10.	205733.9	-1726.0
5902	9.8	200501.6	-1752.4	5992	7.3	202043.8	-1754.2	6082	10.	203834.5	-1726.4	6172	10.	205735.8	-1729.3
5903	9.3	200504.3	-1719.7	5993	10.	202056.1	-1759.6	6083	9.3	203855.3	-1745.3	6173	9.4	205743.4	-1717.5
5904	9.1	200518.5	-1724.2	5994	9.0	202119.3	-1753.0	6084	10.	203900.5	-1748.9	6174	4.0	205747.8	-1748.0
5905	9.4	200537.3	-1729.7	5995	9.5	202127.4	-1747.7	6085	9.8	203926.5	-1715.8	6175	9.0	205811.9	-1725.0
5906	7.7	200542.8	-1706.1	5996	10.	202134.5	-1713.2	6086	9.2	203948.0	-1700.0	6176	9.8	205815.5	-1707.1
5907	9.2	200555.3	-1756.9	5997	9.8	202135.0	-1735.4	6087	9.2	203957.6	-1727.0	6177	9.5	205830.5	-1707.1
5908	9.2	200558.4	-1732.2	5998	9.3	202149.6	-1722.6	6088	8.0	204002.7	-1716.0	6178	9.1	205835.5	-1707.2
5909	9.0	200605.3	-1702.8	5999	9.0	202157.7	-1730.9	6089	7.0	204003.5	-1702.5	6179	10.	205835.9	-1718.8
5910	8.5	201637.7	-1711.1	6000	9.8	202200.6	-1741.4	6090	10.	204019.8	-1708.6	6180	9.5	205844.2	-1758.9
5911	9.8	200642.8	-1747.6	6001	9.4	202208.8	-1712.5	6091	9.4	204021.6	-1729.4	6181	8.2	205909.7	-1700.2
5912	9.5	200656.2	-1731.1	6002	8.9	202209.9	-1751.5	6092	9.8	204036.6	-1701.8	6182	9.5	205916.4	-1746.6
5913	7.3	200657.6	-1717.2	6003	7.8	202226.0	-1701.6	6093	9.5	204043.0	-1744.1	6183	9.5	205920.0	-1707.0
5914	9.8	200706.2	-1732.9	6004	9.5	202230.3	-1714.4	6094	9.8	204043.1	-1719.8	6184	9.0	205922.6	-1704.0
5915	9.6	200714.7	-1703.7	6005	10.	202254.1	-1736.4	6095	9.3	204053.1	-1728.7	6185	9.8	205929.1	-1705.2
5916	9.3	200746.0	-1731.2	6006	10.	202303.7	-1715.3	6096	9.8	204054.5	-1750.5	6186	9.2	205948.2	-1702.2
5917	9.8	200752.0	-1758.2	6007	7.8	202306.0	-1737.2	6097	9.3	204101.0	-1736.6	6187	10.	210000.6	-1728.7
5918	9.2	200754.0	-1750.5	6008	9.6	202322.5	-1713.1	6098	9.5	204105.4	-1702.0	6188	9.8	210003.4	-1705.9
5919	10.	200755.9	-1744.9	6009	9.7	202329.8	-1744.3	6099	9.1	204113.2	-1709.5	6189	8.3	210007.2	-1718.4
5920	10.	200756.7	-1731.6	6010	9.6	202340.1	-1751.2	6100	9.7	204132.0	-1705.3	6190	10.	210020.4	-1734.0
5921	8.0	200806.1	-1718.0	6011	9.5	202349.0	-1716.5	6101	9.3	204150.1	-1728.8	6191	9.2	210034.3	-1752.0
5922	9.8	200830.1	-1739.1	6012	9.7	202400.8	-1753.7	6102	9.3	204156.1	-1705.3	6192	9.6	210108.1	-1759.0
5923	10.	200842.4	-1701.6	6013	8.6	202401.9	-1728.9	6103	9.9	204217.3	-1742.7	6193	7.0	210119.1	-1712.0
5924	7.8	200852.5	-1725.5	6014	7.0	202417.9	-1705.5	6104	8.5	204245.3	-1749.5	6194	9.8	210120.5	-1734.5
5925	9.5	200859.2	-1711.3	6015	9.4	202456.2	-1727.4	6105	9.9	204251.6	-1727.0	6195	9.1	210148.8	-1750.5
5926	9.9	200914.6	-1745.6	6016	9.5	202512.8	-1758.3	6106	10.	204309.6	-1729.7	6196	8.3	210216.4	-1732.4
5927	9.5	200919.8	-1759.7	6017	9.5	202520.9	-1758.5	6107	9.5	204325.4	-1710.9	6197	9.9	210221.5	-1729.7
5928	9.8	200931.2	-1719.0	6018	9.9	202534.2	-1715.0	6108	9.7	204335.6	-1709.4	6198	10.	210236.7	-1710.2
5929	9.4	200934.0	-1733.2	6019	10.	202559.4	-1737.2	6109	9.8	204344.2	-1727.5	6199	10.	210246.2	-1712.3
5930	9.8	200954.3	-1723.9	6020	9.2	202559.4	-1745.5	6110	9.0	204346.7	-1703.4	6200	9.5	210250.0	-1726.3
5931	9.8	201020.4	-1708.9	6021	9.0	202621.8	-1724.4	6111	9.8	204411.7	-1736.5	6201	9.8	210331.1	-1706.2
5932	9.3	201031.8	-1754.6	6022	9.6	202637.8	-1737.1	6112	8.7	204444.4	-1732.6	6202	9.5	210414.2	-1710.9
5933	9.1	201041.4	-1741.1	6023	10.	202639.7	-1731.2	6113	9.1	204505.3	-1751.5	6203	9.0	210427.0	-1736.1
5934	9.3	201047.4	-1739.6	6024	9.8	202700.3	-1739.8	6114	9.0	204530.8	-1725.6	6204	9.9	210442.9	-1756.1
5935	9.4	201048.0	-1732.9	6025	9.5	202705.8	-1700.4	6115	9.3	204533.9	-1746.6	6205	9.8	210444.2	-1710.6
5936	8.0	201125.8	-1756.2	6026	9.5	202708.7	-1702.8	6116	9.9	204537.9	-1758.1	6206	9.2	210448.9	-1746.1
5937	9.8	201141.8	-1759.7	6027	6.2	202719.7	-1701.2	6117	9.2	204539.2	-1715.5	6207	9.8	210459.6	-1730.1
5938	9.8	201148.4	-1721.4	6028	9.4	202724.2	-1731.1	6118	10.	204557.0	-1756.5	6208	9.5	210505.1	-1737.3
5939	8.5	201150.9	-1757.1	6029	8.9	202726.3	-1743.1	6119	9.3	204630.6	-1744.1	6209	9.9	210516.9	-1742.8
5940	9.4	201154.7	-1741.4	6030	9.8	202736.0	-1705.0	6120	9.5	204631.1	-1714.0	6210	9.5	210526.6	-1736.2
5941	9.4	201204.3	-1725.8	6031	8.7	202801.8	-1731.1	6121	10.	204650.1	-1737.7	6211	9.3	210537.6	-1726.6

6212	9.3	210556.5	-1717.5	6302	8.3	212311.8	-1753.6	6392	9.4	214250.5	-1751.2	6482	9.4	220917.8	-1722.0
6213	9.1	210602.8	-1752.0	6303	10.	212347.7	-1722.8	6393	10.	214328.9	-1715.5	6483	9.9	220941.8	-1723.4
6214	9.0	210639.3	-1749.0	6304	9.5	212350.4	-1705.2	6394	9.3	214344.8	-1756.7	6484	9.8	221014.8	-1750.7
6215	9.4	210652.8	-1710.5	6305	9.7	212401.9	-1730.3	6395	9.0	214430.3	-1725.3	6485	9.5	221054.8	-1732.7
6216	6.5	210659.7	-1756.0	6306	10.	212419.7	-1727.9	6396	9.4	214441.3	-1728.2	6486	9.1	221059.6	-1751.9
6217	9.8	210729.3	-1709.5	6307	9.4	212447.5	-1750.9	6397	8.0	214442.3	-1744.8	6487	9.1	221106.4	-1704.9
6218	9.8	210729.3	-1751.4	6308	8.7	212604.4	-1754.1	6398	8.2	214543.4	-1725.8	6488	9.4	221115.9	-1749.0
6219	9.9	210731.0	-1742.2	6309	9.8	212611.2	-1734.3	6399	9.0	214545.5	-1712.1	6489	9.4	221116.7	-1714.4
6220	9.8	210733.2	-1717.6	6310	9.3	212611.8	-1704.3	6400	9.5	214546.2	-1716.8	6490	9.5	221130.1	-1737.0
6221	10.	210813.3	-1755.3	6311	10.	212614.8	-1745.0	6401	8.3	214603.5	-1750.8	6491	7.5	221141.8	-1725.6
6222	10.	210825.3	-1706.9	6312	9.0	212624.8	-1723.1	6402	9.4	214603.7	-1718.6	6492	9.4	221157.4	-1723.0
6223	9.9	210843.2	-1734.9	6313	9.1	212637.8	-1722.7	6403	9.3	214610.6	-1719.1	6493	9.4	221221.8	-1759.8
6224	9.3	210850.5	-1750.7	6314	8.5	212638.4	-1709.8	6404	9.8	214708.4	-1726.5	6494	9.5	221231.0	-1749.5
6225	10.	210851.4	-1734.2	6315	8.9	212646.8	-1722.2	6405	9.3	214716.5	-1712.2	6495	9.2	221234.1	-1702.2
6226	10.	210909.5	-1742.9	6316	9.4	212657.6	-1702.6	6406	9.5	214718.2	-1700.2	6496	8.9	221235.9	-1718.1
6227	9.4	210921.3	-1747.0	6317	9.8	212712.8	-1726.4	6407	9.7	214748.9	-1742.1	6497	9.7	221303.6	-1751.3
6228	9.4	210947.6	-1709.3	6318	8.5	212742.9	-1717.6	6408	9.7	214821.8	-1749.7	6498	9.4	221318.0	-1739.0
6229	9.8	211004.7	-1748.0	6319	9.1	212748.2	-1750.1	6409	9.2	214931.1	-1714.7	6499	9.5	221319.9	-1726.4
6230	9.5	211020.4	-1721.3	6320	9.8	212809.8	-1743.7	6410	9.7	215051.0	-1727.9	6500	9.5	221348.4	-1753.0
6231	9.5	211035.8	-1734.7	6321	8.5	212824.9	-1721.4	6411	9.0	215121.6	-1732.4	6501	9.3	221403.7	-1715.6
6232	9.4	211051.4	-1745.0	6322	8.7	212836.0	-1744.8	6412	8.0	215127.7	-1759.9	6502	9.1	221415.4	-1735.4
6233	9.8	211113.9	-1755.3	6323	9.5	212906.8	-1701.5	6413	10.	215129.0	-1703.8	6503	9.7	221418.2	-1701.4
6234	9.2	211114.0	-1707.1	6324	9.8	212907.0	-1713.2	6414	9.0	215143.7	-1701.1	6504	8.9	221429.0	-1725.3
6235	9.5	211119.1	-1759.3	6325	9.2	212909.3	-1701.6	6415	9.3	215204.5	-1736.4	6505	9.5	221433.5	-1716.8
6236	9.5	211120.9	-1712.8	6326	9.5	212916.9	-1733.8	6416	8.9	215217.7	-1705.0	6506	9.5	221435.1	-1709.7
6237	8.9	211142.3	-1723.5	6327	9.5	212917.5	-1707.2	6417	10.	215220.6	-1725.0	6507	9.9	221520.9	-1710.0
6238	8.8	211206.4	-1704.7	6328	9.5	212926.3	-1732.9	6418	9.5	215234.6	-1720.1	6508	9.3	221521.5	-1736.6
6239	9.1	211213.2	-1737.2	6329	7.8	212953.3	-1751.0	6419	9.1	215300.7	-1752.0	6509	9.8	221546.0	-1756.6
6240	9.5	211235.8	-1741.7	6330	10.	213005.7	-1748.4	6420	9.9	215305.1	-1704.0	6510	9.8	221547.5	-1724.5
6241	9.9	211239.3	-1729.2	6331	10.	213008.0	-1708.1	6421	8.5	215353.6	-1728.1	6511	9.0	221606.2	-1759.5
6242	9.5	211304.8	-1740.7	6332	9.9	213029.9	-1736.2	6422	6.8	215429.4	-1739.6	6512	10.	221624.1	-1730.8
6243	10.	211306.5	-1734.3	6333	8.2	213032.9	-1730.6	6423	9.1	215450.3	-1707.9	6513	9.5	221626.5	-1753.2
6244	9.5	211401.6	-1739.1	6334	10.	213057.7	-1721.4	6424	30.0	215523.7	-1719.5	6514	9.8	221654.4	-1757.1
6245	4.2	211409.9	-1726.8	6335	9.8	213117.6	-1714.7	6425	9.8	215534.3	-1758.4	6515	8.8	221700.5	-1748.8
6246	9.3	211411.5	-1700.8	6336	9.7	213119.8	-1714.1	6426	9.2	215534.7	-1746.4	6516	9.8	221705.1	-1726.1
6247	9.2	211440.0	-1709.1	6337	9.8	213124.8	-1747.2	6427	9.5	215537.5	-1736.2	6517	9.5	221806.3	-1700.4
6248	10.	211510.6	-1709.6	6338	9.3	213129.5	-1712.1	6428	9.3	215539.4	-1709.6	6518	9.4	221819.6	-1738.8
6249	10.	211511.4	-1730.4	6339	9.4	213143.0	-1712.8	6429	9.2	215544.8	-1759.3	6519	9.4	221823.8	-1743.0
6250	9.3	211521.7	-1742.3	6340	3.5	213203.1	-1719.0	6430	10.	215549.1	-1726.7	6520	6.2	221841.3	-1728.6
6251	10.	211535.5	-1718.8	6341	9.9	213203.6	-1708.7	6431	9.9	215628.7	-1734.2	6521	6.5	221842.0	-1728.7
6252	10.	211541.2	-1744.0	6342	10.	213232.0	-1721.1	6432	9.9	215631.3	-1731.1	6522	9.7	221843.4	-1713.5
6253	9.1	211550.0	-1703.2	6343	8.5	213235.6	-1725.5	6433	9.8	215707.2	-1733.2	6523	9.4	221845.0	-1718.7
6254	10.	211553.5	-1709.5	6344	9.3	213244.9	-1731.5	6434	9.5	215740.9	-1728.6	6524	9.8	221853.9	-1748.3
6255	9.7	211557.9	-1705.3	6345	9.8	213307.8	-1737.0	6435	9.3	215756.8	-1742.8	6525	8.8	221906.0	-1721.3
6256	9.4	211603.1	-1742.8	6346	9.8	213323.8	-1748.4	6436	10.	215816.7	-1713.7	6526	7.5	221912.1	-1759.7
6257	9.8	211612.7	-1723.0	6347	9.8	213327.5	-1709.3	6437	9.1	215816.8	-1737.7	6527	9.6	221920.2	-1700.7
6258	9.5	211620.4	-1739.0	6348	9.5	213345.5	-1756.0	6438	9.5	215818.0	-1720.0	6528	9.4	221933.2	-1734.9
6259	9.7	211630.9	-1743.4	6349	7.5	213354.6	-1752.5	6439	9.0	215839.9	-1721.5	6529	9.2	221957.2	-1738.2
6260	9.5	211634.0	-1729.6	6350	9.7	213407.3	-1738.5	6440	9.8	215841.5	-1713.7	6530	8.8	222144.7	-1732.5
6261	9.1	211700.6	-1740.4	6351	9.8	213409.4	-1732.3	6441	9.8	215842.0	-1709.6	6531	9.8	222150.8	-1702.7
6262	8.8	211707.8	-1701.4	6352	9.2	213414.3	-1738.1	6442	9.5	215908.3	-1707.3	6532	9.0	222154.3	-1732.5
6263	9.5	211732.0	-1725.0	6353	9.1	213416.8	-1731.6	6443	9.8	215925.4	-1730.9	6533	9.7	222154.8	-1759.7
6264	10.	211740.6	-1710.5	6354	9.0	213434.0	-1713.3	6444	9.3	215935.9	-1726.7	6534	9.8	222156.8	-1713.3
6265	9.5	211749.1	-1709.9	6355	9.1	213439.0	-1726.7	6445	9.8	215955.4	-1720.5	6535	9.3	222201.2	-1755.7
6266	9.8	211756.1	-1737.2	6356	9.7	213445.5	-1728.5	6446	8.9	215958.1	-1740.1	6536	8.0	222209.3	-1712.1
6267	9.6	211824.1	-1716.9	6357	10.	213456.8	-1754.1	6447	8.9	220003.4	-1733.0	6537	7.0	222237.1	-1705.2
6268	9.3	211829.5	-1727.8	6358	9.5	213507.5	-1717.7	6448	9.8	220012.9	-1716.7	6538	9.5	222250.9	-1738.3
6269	9.8	211840.0	-1704.2	6359	9.9	213547.4	-1734.5	6449	9.0	220013.5	-1723.8	6539	9.4	222335.7	-1753.1
6270	8.5	211840.4	-1753.5	6360	9.6	213601.4	-1739.4	6450	9.4	220030.0	-1754.2	6540	10.	222342.2	-1737.1
6271	9.8	211848.1	-1709.6	6361	9.8	213608.4	-1745.8	6451	7.0	220031.5	-1715.1	6541	9.4	222352.1	-1746.0
6272	9.1	211902.6	-1703.7	6362	9.3	213636.2	-1703.3	6452	8.9	220035.9	-1731.3	6542	9.0	222353.0	-1720.8
6273	9.5	211922.6	-1712.7	6363	8.1	213643.1	-1711.4	6453	9.2	220037.1	-1740.1	6543	9.6	222354.3	-1735.6
6274	9.8	211928.9	-1748.4	6364	9.9	213659.6	-1725.0	6454	8.8	220037.5	-1718.9	6544	10.	222355.2	-1753.4
6275	9.3	211930.6	-1740.7	6365	9.2	213726.6	-1715.8	6455	9.1	220112.0	-1726.5	6545	9.3	222415.4	-1718.5
6276	9.8	211932.2	-1710.4	6366	9.4	213736.0	-1736.4	6456	10.	220134.5	-1715.6	6546	9.0	222428.9	-1736.4
6277	9.8	211935.0	-1731.1	6367	10.	213749.0	-1742.5	6457	9.5	220146.4	-1743.0	6547	9.2	222518.8	-1711.3
6278	9.8	211939.1	-1707.2	6368	9.6	213820.7	-1756.8	6458	9.7	220222.0	-1744.9	6548	9.7	222619.8	-1755.5
6279	9.7	211940.5	-1755.9	6369	9.7	213836.5	-1747.6	6459	9.4	220323.1	-1757.3	6549	9.0	222641.0	-1711.6
6280	9.3	211943.1	-1730.1	6370	9.1	213854.2	-1712.2	6460	9.5	220407.0	-1750.6	6550	9.7	222701.1	-1727.9
6281	9.5	211951.8	-1730.7	6371	8.0	213929.1	-1725.7	6461	9.4	220422.6	-1757.1	6551	9.5	222704.6	-1717.4
6282	9.3	211952.1	-1712.9	6372	9.3	213931.5	-1704.8	6462	9.6	220448.1	-1729.2	6552	9.8	222715.5	-1712.3
6283	10.	211959.0	-1756.8	6373	7.5	213935.2	-1757.7	6463	8.5	220512.7	-1719.8	6553	9.8	222725.3	-1700.9
6284	9.4	212002.5	-1740.1	6374	10.	213935.4	-1707.5	6464	9.2	220530.6	-1757.1	6554	7.0	222819.0	-1707.8
6285	9.3	212010.8	-1714.0	6375	9.2	213947.6	-1704.7	6465	9.4	220549.7	-1730.3	6555	9.7	222829.7	-1730.9
6286	9.1	212011.2	-1706.6	6376	10.	213952.2	-1740.9	6466	10.	220553.2	-1751.3	6556	8.9	222835.1	-1724.0
6287	9.4	212013.3	-1735.7	6377	9.3	214000.1	-1714.2	6467	9.9	220630.6	-1732.1	6557	8.7	222838.2	-1710.9
6288	8.5	212017.7	-1753.1	6378	9.2	214002.3	-1741.7	6468	8.8	220630.7	-1719.8	6558	9.1	222844.8	-1729.0
6289	10.	212023.9	-1702.3	6379	10.	214011.4	-1716.9	6469	8.9	220704.7	-1751.9	6559	10.	222846.3	-1729.1
6290	10.	212036.9	-1758.5	6380	9.8	214058.2	-1727.3	6470	9.8	220705.8	-1736.4	6560	8.0	222855.5	-1733.0
6291	10.	212043.9	-1756.7	6381	9.8	214103.7	-1738.1	6471	9.7	220709.2	-1759.8	6561	9.8	222930.4	-1739.3
6292	9.4	212113.3	-1757.8	6382	9.3	214113.5	-1720.8	6472	9.8	220724.7	-1726.4	6562	9.8	222938.9	-1755.1
6293	9.1	212130.1	-1737.6	6383	9.8	214113.9	-1704.4	6473	9.6	220727.1	-1738.9	6563	9.0	222943.1	-1734.7
6294	9.7	212145.7	-1717.0	6384	9.8	214138.6	-1749.2	6474	9.2	220739.6	-1743.2	6564	8.3	222945.1	-1707.3
6295	9.8	212148.7	-1754.4	6385	9.3	214141.8	-1712.5	6475	9.5	220741.2	-1742.7	6565	9.7	223003.2	-1710.5
6296	10.	212203.0	-1754.4	6386	10.	214142.0	-1716.1	6476	9.8	220741.6	-1715.0	6566	8.5	223042.7	-1713.2
6297	9.0	212205.2	-1719.8	6387	9.6	214209.6	-1702.8	6477	9.2	220813.5	-1739.0	6567	10.	223044.7	-1727.9
6298	9.8	212221.2	-1704.5	6388	8.8	214211.7	-1758.8	6478	8.3	220822.7	-1755.5	6568	10.	223207.2	-1722.2
6299	9.0	212223.4	-1747.3	6389	6.7	214213.7	-1730.9	6479	9.7	220844.7	-1737.9	6569	9.5	223207.2	-1728.8
6300	10.	212227.2	-1746.3	6390	9.2	214223.5	-1709.0	6480	8.0	220858.6	-1706.2	6570	9.8	223248.5	-1701.3
6301	9.1	212228.6	-1732.3	6391	9.5	214246.6	-1743.3	6481	8.8	220904.2	-1742.5	6571	7.5	223252.3	-1731.5

6572	9.3	223304.3	-1717.0	6662	9.5	225736.5	-1739.1	6752	8.8	231859.8	-1704.4	6842	9.5	234704.0	-1708.7
6573	9.4	223341.3	-1727.5	6663	6.9	225740.8	-1740.9	6753	9.6	231957.1	-1756.9	6843	9.4	234715.8	-1743.7
6574	9.3	223402.9	-1710.7	6664	9.3	225802.1	-1751.7	6754	9.8	232011.9	-1733.9	6844	9.8	234805.7	-1718.9
6575	10.	223429.8	-1732.1	6665	9.5	225814.9	-1719.5	6755	9.7	232024.5	-1749.3	6845	9.3	234819.3	-1740.6
6576	9.5	223505.1	-1754.4	6666	9.7	225821.7	-1751.0	6756	9.7	232042.8	-1758.1	6846	9.5	234829.7	-1709.6
6577	9.4	223509.3	-1741.8	6667	9.7	225822.9	-1709.7	6757	9.4	232100.3	-1747.5	6847	9.2	234910.6	-1751.0
6578	10.	223522.5	-1740.5	6668	10.	225823.6	-1726.8	6758	9.1	232132.7	-1714.9	6848	9.0	234912.6	-1751.8
6579	9.8	223542.3	-1725.5	6669	9.7	225848.6	-1706.0	6759	8.5	232202.1	-1733.0	6849	9.1	234918.3	-1712.0
6580	9.8	223604.4	-1713.4	6670	9.0	225901.4	-1725.5	6760	9.8	232311.8	-1758.2	6850	9.1	235026.8	-1749.6
6581	9.6	223625.7	-1739.1	6671	9.8	225911.3	-1737.7	6761	9.4	232315.9	-1723.9	6851	9.5	235038.7	-1750.6
6582	9.8	223637.2	-1751.7	6672	9.9	225912.1	-1721.6	6762	9.5	232348.5	-1740.1	6852	9.5	235047.8	-1719.6
6583	9.0	223728.0	-1703.2	6673	9.4	225915.4	-1733.8	6763	9.6	232400.6	-1708.8	6853	9.5	235106.3	-1757.8
6584	8.5	223732.2	-1721.0	6674	9.8	225942.6	-1700.6	6764	10.	232407.8	-1749.6	6854	9.8	235123.7	-1708.8
6585	9.4	223732.5	-1719.0	6675	9.9	230001.4	-1725.6	6765	9.8	232439.4	-1746.8	6855	8.8	235141.2	-1701.5
6586	8.6	223749.0	-1720.2	6676	10.	230003.6	-1754.6	6766	9.3	232440.9	-1758.8	6856	8.3	235151.6	-1744.8
6587	9.3	223750.8	-1759.9	6677	9.9	230018.5	-1721.6	6767	9.8	232508.5	-1723.1	6857	9.2	235209.4	-1728.4
6588	9.5	223813.7	-1703.6	6678	9.8	230019.2	-1725.2	6768	9.5	232509.7	-1732.7	6858	10.	235213.0	-1723.3
6589	10.	223827.4	-1705.2	6679	9.5	230022.3	-1748.9	6769	8.4	232512.2	-1738.3	6859	10.	235244.9	-1723.7
6590	8.9	223849.1	-1748.4	6680	9.0	230029.9	-1707.5	6770	9.5	232523.6	-1730.1	6860	7.3	235258.3	-1729.9
6591	8.0	223914.8	-1710.1	6681	8.3	230036.4	-1750.6	6771	9.7	232527.7	-1721.9	6861	8.9	235336.1	-1737.9
6592	9.0	223950.2	-1749.4	6682	7.8	230039.0	-1732.2	6772	10.	232606.1	-1704.3	6862	9.6	235357.2	-1745.0
6593	8.6	224015.1	-1718.9	6683	9.8	230055.0	-1703.6	6773	9.4	232608.3	-1725.5	6863	10.	235400.6	-1732.1
6594	9.7	224040.8	-1740.7	6684	9.1	230059.5	-1710.2	6774	8.5	232618.8	-1707.0	6864	7.5	235417.5	-1719.8
6595	10.	224046.6	-1736.8	6685	9.8	230145.0	-1749.7	6775	9.3	232651.9	-1754.7	6865	9.9	235430.5	-1712.2
6596	9.3	224055.2	-1721.8	6686	10.	230145.2	-1747.4	6776	8.0	232702.3	-1747.6	6866	9.6	235531.5	-1708.4
6597	9.8	224055.8	-1756.2	6687	10.	230229.0	-1718.0	6777	9.1	232711.3	-1738.4	6867	9.2	235644.5	-1755.3
6598	7.8	224108.4	-1745.4	6688	10.	230229.0	-1704.0	6778	8.8	232749.3	-1740.3	6868	6.2	235653.7	-1719.7
6599	9.8	224115.8	-1757.9	6689	10.	230254.8	-1759.7	6779	7.3	232754.8	-1722.9	6869	9.1	235718.9	-1745.8
6600	9.6	224118.9	-1721.3	6690	9.8	230259.5	-1712.8	6780	8.0	232823.9	-1705.5	6870	8.0	235727.9	-1739.8
6601	9.7	224122.2	-1739.3	6691	9.0	230334.1	-1716.9	6781	8.8	232940.4	-1751.6	6871	9.5	235813.2	-1758.6
6602	9.7	224156.2	-1725.3	6692	8.5	230346.1	-1701.8	6782	8.8	232952.7	-1741.7	6872	9.6	235814.3	-1703.0
6603	8.2	224221.2	-1704.5	6693	9.3	230352.5	-1705.5	6783	9.5	232953.6	-1738.0	6873	9.6	235825.1	-1758.0
6604	9.2	224224.3	-1753.1	6694	8.6	230402.4	-1741.4	6784	9.9	232953.9	-1749.2	6874	8.8	235857.8	-1714.0
6605	10.	224232.1	-1757.9	6695	9.2	230426.1	-1739.9	6785	9.4	233038.9	-1702.2	6875	8.6	235901.9	-1732.7
6606	9.5	224300.5	-1734.5	6696	9.4	230440.1	-1727.8	6786	9.4	233041.7	-1701.5	6876	9.7	235918.2	-1702.1
6607	9.8	224315.2	-1708.0	6697	9.8	230441.1	-1732.8	6787	9.5	233057.4	-1745.3	6877	9.7	235922.4	-1741.5
6608	9.8	224327.3	-1738.1	6698	9.0	230443.3	-1754.0	6788	9.1	233211.7	-1750.9	6878	9.5	235942.8	-1722.7
6609	9.9	224339.7	-1721.4	6699	9.6	230509.6	-1728.5	6789	9.1	233219.6	-1711.2	1	9.6	00049.6	-1858.5
6610	10.	224416.1	-1741.5	6700	9.1	230524.2	-1703.0	6790	10.	233220.4	-1745.7	2	9.5	00107.3	-1815.7
6611	9.1	224418.3	-1726.8	6701	9.9	230538.8	-1746.3	6791	9.5	233225.0	-1706.8	3	6.2	00108.4	-1823.1
6612	9.8	224421.2	-1721.9	6702	9.5	230542.5	-1746.4	6792	9.4	233248.5	-1742.0	4	9.8	00115.1	-1816.6
6613	9.5	224427.0	-1752.7	6703	8.8	230602.5	-1742.6	6793	9.3	233250.5	-1725.5	5	10.	00125.9	-1850.9
6614	9.9	224433.6	-1732.2	6704	9.4	230608.9	-1706.8	6794	9.7	233254.6	-1729.4	6	9.0	00207.0	-1805.9
6615	8.0	224443.7	-1725.5	6705	7.8	230638.9	-1741.6	6795	9.5	233302.5	-1719.5	7	9.1	00234.3	-1803.4
6616	8.3	224531.1	-1756.0	6706	9.8	230644.4	-1751.5	6796	9.5	233338.5	-1731.4	8	9.4	00315.0	-1831.5
6617	8.5	224555.7	-1700.7	6707	9.8	230656.8	-1754.0	6797	8.8	233402.6	-1728.9	9	9.5	00352.4	-1848.2
6618	8.8	224633.3	-1748.3	6708	9.4	230703.2	-1732.3	6798	9.5	233404.9	-1723.7	10	9.5	00406.7	-1815.8
6619	5.6	224704.6	-1702.2	6709	9.8	230705.2	-1706.9	6799	9.0	233434.4	-1704.2	11	8.7	00412.6	-1846.4
6620	10.	224740.7	-1741.0	6710	7.5	230715.3	-1701.4	6800	9.4	233434.7	-1752.0	12	8.7	00424.0	-1821.8
6621	9.3	224804.4	-1739.1	6711	9.9	230718.9	-1718.3	6801	9.4	233444.8	-1752.5	13	9.8	00441.9	-1803.3
6622	9.7	224821.5	-1740.5	6712	9.8	230728.7	-1752.3	6802	9.2	233459.3	-1757.9	14	5.7	00446.1	-1844.2
6623	10.	224837.7	-1719.3	6713	9.0	230739.2	-1727.9	6803	9.5	233547.9	-1757.7	15	9.6	00455.4	-1854.0
6624	9.4	224837.9	-1725.6	6714	9.5	230748.3	-1714.5	6804	9.4	233602.2	-1731.4	16	10.	00458.0	-1805.3
6625	8.8	224911.9	-1702.6	6715	8.7	230802.3	-1740.1	6805	9.4	233612.2	-1725.3	17	9.7	00511.7	-1853.6
6626	9.5	224922.6	-1756.0	6716	10.	230827.7	-1721.5	6806	9.0	233621.2	-1708.1	18	8.9	00534.2	-1833.7
6627	9.7	224929.5	-1704.1	6717	9.6	230911.0	-1744.2	6807	9.0	233622.7	-1737.4	19	9.7	00538.3	-1816.2
6628	8.8	224945.0	-1744.0	6718	9.5	230928.5	-1759.3	6808	10.	233622.8	-1751.0	20	9.5	00538.3	-1800.5
6629	10.	224951.4	-1700.2	6719	8.5	231024.5	-1708.5	6809	9.5	233626.2	-1745.2	21	9.5	00547.1	-1816.4
6630	8.5	224951.9	-1718.3	6720	10.	231026.5	-1748.9	6810	9.0	233738.7	-1718.4	22	9.4	00550.1	-1847.3
6631	9.1	224958.1	-1752.5	6721	9.1	231047.6	-1746.2	6811	9.4	233808.7	-1705.8	23	9.8	00551.4	-1806.6
6632	9.5	225029.9	-1706.4	6722	9.2	231051.1	-1742.0	6812	9.8	233825.2	-1746.0	24	9.5	00626.4	-1843.4
6633	9.5	225046.5	-1730.1	6723	9.8	231055.4	-1707.2	6813	9.4	233825.7	-1727.8	25	7.2	00632.7	-1821.1
6634	9.3	225054.1	-1713.6	6724	9.8	231109.9	-1703.4	6814	7.8	233834.5	-1756.3	26	9.5	00658.4	-1834.3
6635	9.0	225107.0	-1726.8	6725	9.2	231141.8	-1750.2	6815	9.2	233843.8	-1737.8	27	9.1	00705.0	-1803.5
6636	8.5	225109.1	-1719.0	6726	9.8	231200.9	-1713.2	6816	8.4	233936.4	-1754.3	28	10.	00725.4	-1814.6
6637	9.0	225124.1	-1740.3	6727	10.	231212.4	-1702.8	6817	9.8	233939.3	-1736.0	29	9.3	00726.5	-1829.7
6638	8.2	225128.7	-1755.8	6728	9.1	231214.0	-1730.4	6818	9.3	234033.9	-1723.0	30	9.2	00743.3	-1804.0
6639	9.4	225129.8	-1753.6	6729	9.7	231214.5	-1739.3	6819	7.0	234039.9	-1729.9	31	9.0	00808.6	-1843.3
6640	7.9	225205.0	-1709.9	6730	9.1	231220.5	-1725.7	6820	10.	234041.1	-1746.8	32	9.4	00825.2	-1844.2
6641	9.4	225206.8	-1758.3	6731	9.3	231238.3	-1741.7	6821	9.2	234046.9	-1729.5	33	9.8	00831.5	-1817.0
6642	9.7	225221.1	-1726.9	6732	9.8	231315.9	-1705.1	6822	8.8	234111.2	-1704.5	34	8.3	00911.7	-1841.9
6643	9.7	225223.0	-1702.5	6733	7.2	231352.1	-1728.8	6823	9.1	234123.9	-1718.1	35	9.8	00928.8	-1809.9
6644	9.9	225239.2	-1745.6	6734	8.3	231354.3	-1740.4	6824	9.3	234124.8	-1701.2	36	9.1	00945.0	-1834.8
6645	9.8	225304.6	-1719.3	6735	9.2	231405.6	-1728.0	6825	8.5	234136.8	-1704.0	37	9.2	00954.0	-1828.6
6646	7.9	225310.0	-1739.6	6736	9.0	231416.2	-1706.0	6826	9.7	234157.9	-1702.7	38	8.6	01030.9	-1822.0
6647	10.	225327.4	-1703.3	6737	9.0	231416.6	-1730.4	6827	9.3	234228.5	-1753.0	39	7.8	01207.1	-1829.1
6648	9.0	225413.7	-1719.0	6738	9.3	231440.4	-1758.7	6828	9.5	234316.5	-1709.0	40	9.0	01240.9	-1816.7
6649	9.8	225455.4	-1747.4	6739	9.0	231441.6	-1753.3	6829	9.8	234330.4	-1701.2	41	6.7	01242.0	-1830.4
6650	9.8	225504.6	-1753.1	6740	9.5	231459.9	-1750.3	6830	9.6	234344.5	-1717.9	42	9.8	01305.3	-1837.0
6651	10.	225557.2	-1711.8	6741	9.0	231511.9	-1758.4	6831	9.8	234412.5	-1708.9	43	9.7	01402.4	-1818.1
6652	9.3	225601.5	-1721.0	6742	8.7	231537.1	-1710.9	6832	9.1	234415.9	-1741.2	44	9.0	01453.0	-1837.2
6653	9.6	225619.8	-1738.9	6743	9.1	231546.4	-1718.8	6833	9.6	234426.7	-1755.1	45	10.	01506.0	-1818.1
6654	9.5	225620.5	-1730.8	6744	10.	231607.6	-1717.8	6834	8.8	234444.6	-1712.5	46	9.4	01551.5	-1802.7
6655	10.	225623.5	-1751.1	6745	9.8	231613.5	-1720.2	6835	9.0	234501.6	-1707.3	47	9.4	01616.2	-1857.3
6656	10.	225637.7	-1700.5	6746	9.8	231638.4	-1740.3	6836	7.3	234512.6	-1710.5	48	9.5	01618.0	-1827.4
6657	9.8	225638.4	-1755.2	6747	9.4	231641.6	-1750.6	6837	8.7	234521.1	-1731.4	49	7.8	01638.6	-1836.7
6658	9.8	225657.2	-1732.8	6748	9.5	231731.4	-1741.8	6838	9.1	234529.1	-1717.3	50	9.4	01709.1	-1817.7
6659	9.1	225714.5	-1759.4	6749	9.2	231810.1	-1742.7	6839	9.6	234536.0	-1704.0	51	6.8	01803.0	-1813.3
6660	9.3	225727.8	-1708.7	6750	9.3	231812.3	-1726.1	6840	9.4	234607.3	-1757.5	52	9.9	01821.2	-1822.0
6661	5.8	225731.7	-1751.2	6751	9.2	231850.3	-1736.7	6841	9.5	234642.6	-1716.2	53	9.3	01822.4	-1837.1

C-4

54	9.2	01836.7	-1819.2	144	9.8	04557.1	-1859.0	234	6.8	12101.5	-1800.5	324	9.5	14656.1	-1841.1
55	10.	01855.6	-1813.5	145	9.0	04622.5	-1838.6	235	8.3	12109.2	-1848.3	325	9.8	14656.2	-1834.1
56	9.2	01910.8	-1848.8	146	8.9	04646.6	-1847.2	236	9.8	12117.2	-1849.2	326	9.4	14700.0	-1855.2
57	9.8	01935.7	-1838.8	147	8.9	04655.6	-1849.0	237	10.	12133.8	-1856.8	327	9.0	14706.9	-1847.8
58	10.	01955.6	-1837.2	148	9.3	04706.0	-1839.6	238	9.3	12145.4	-1808.3	328	9.4	14750.2	-1852.2
59	8.9	02004.2	-1839.1	149	9.4	04734.0	-1835.5	239	10.	12145.6	-1839.7	329	9.8	14904.2	-1814.2
60	9.2	02009.8	-1842.2	150	8.4	04753.7	-1813.2	240	6.3	12154.0	-1840.6	330	9.7	14904.7	-1843.1
61	9.9	02012.8	-1812.1	151	9.6	04819.3	-1816.7	241	9.4	12210.5	-1807.7	331	9.8	14909.3	-1802.5
62	8.9	02026.2	-1808.1	152	8.2	04838.1	-1805.4	242	9.0	12219.6	-1802.5	332	9.0	14920.5	-1819.2
63	9.8	02109.4	-1858.7	153	9.1	04840.8	-1818.3	243	9.0	12324.7	-1818.8	333	8.5	14951.8	-1843.0
64	9.0	02118.2	-1801.6	154	9.3	04950.7	-1844.8	244	9.5	12333.2	-1821.6	334	9.1	14952.8	-1840.7
65	9.9	02120.4	-1856.2	155	10.	05025.9	-1817.4	245	9.1	12337.6	-1829.8	335	9.6	14959.6	-1836.9
66	9.1	02131.3	-1823.2	156	10.	05043.8	-1847.6	246	8.8	12352.5	-1815.5	336	7.5	15020.1	-1823.0
67	8.7	02145.7	-1801.2	157	10.	05045.8	-1822.8	247	9.1	12358.1	-1817.7	337	9.5	15027.3	-1842.7
68	9.0	02153.8	-1837.7	158	10.	05121.1	-1838.2	248	8.3	12414.9	-1826.0	338	8.5	15041.2	-1825.8
69	9.4	02201.9	-1818.8	159	9.0	05130.8	-1847.0	249	9.3	12438.4	-1849.2	339	9.8	15054.5	-1857.1
70	8.8	02227.7	-1800.4	160	8.6	05139.2	-1816.4	250	8.7	12453.5	-1827.0	340	9.7	15108.8	-1859.8
71	9.1	02308.4	-1836.8	161	9.5	05212.4	-1804.0	251	8.3	12508.4	-1817.0	341	9.8	15118.3	-1849.2
72	9.5	02315.5	-1850.5	162	8.3	05246.9	-1851.1	252	10.	12527.4	-1847.6	342	9.1	15124.6	-1816.1
73	9.5	02320.5	-1854.0	163	7.7	05328.5	-1854.0	253	9.2	12546.5	-1858.5	343	9.5	15139.9	-1843.0
74	9.6	02326.9	-1830.5	164	9.8	05350.4	-1804.6	254	8.7	12551.0	-1821.5	344	10.	15145.4	-1807.8
75	9.4	02333.4	-1814.6	165	9.8	05433.4	-1839.3	255	9.2	12615.0	-1857.2	345	8.0	15208.9	-1845.9
76	9.5	02339.3	-1813.2	166	10.	05526.0	-1808.4	256	9.0	12708.2	-1807.8	346	9.5	15221.0	-1811.3
77	9.4	02434.4	-1802.3	167	9.4	05533.0	-1824.4	257	9.3	12724.6	-1828.7	347	9.4	15242.5	-1808.9
78	9.5	02445.5	-1841.4	168	9.9	05539.1	-1813.2	258	10.	12740.5	-1843.3	348	9.4	15244.1	-1817.4
79	10.	02509.0	-1838.2	169	9.8	05553.5	-1844.0	259	9.9	12743.7	-1812.6	349	9.2	15316.9	-1855.0
80	8.3	02517.1	-1854.0	170	10.	05611.4	-1815.1	260	10.	12818.2	-1837.4	350	8.5	15409.0	-1850.3
81	9.1	02523.7	-1807.8	171	9.6	05633.7	-1821.8	261	9.4	12818.4	-1804.6	351	9.8	15428.4	-1841.3
82	8.7	02537.2	-1829.8	172	9.4	05711.1	-1846.2	262	9.8	12825.9	-1801.1	352	9.6	15533.1	-1852.5
83	9.0	02545.1	-1854.7	173	9.3	05713.7	-1825.6	263	9.0	12826.7	-1808.4	353	9.4	15619.6	-1809.1
84	9.0	02557.1	-1848.7	174	9.1	05729.1	-1843.5	264	10.	12832.8	-1813.5	354	10.	15622.2	-1840.8
85	9.6	02617.1	-1806.7	175	8.8	05740.2	-1814.7	265	8.2	12841.6	-1802.5	355	8.9	15625.2	-1828.0
86	9.9	02620.6	-1804.1	176	9.5	05742.4	-1834.7	266	6.8	12849.6	-1816.1	356	6.8	15659.2	-1812.7
87	8.7	02623.6	-1854.5	177	9.4	05748.1	-1836.2	267	9.0	12857.6	-1849.4	357	8.4	15743.1	-1842.6
88	9.5	02637.7	-1812.8	178	10.	05838.0	-1824.9	268	9.0	12952.6	-1801.1	358	9.4	15747.2	-1857.5
89	9.3	02640.3	-1830.3	179	9.5	05844.3	-1857.9	269	9.7	13002.3	-1831.5	359	9.4	15800.2	-1818.5
90	10.	02652.5	-1854.8	180	9.5	05850.5	-1829.4	270	9.5	13009.4	-1817.6	360	9.4	15818.6	-1839.0
91	10.	02653.3	-1830.1	181	9.8	05920.6	-1832.9	271	9.1	13018.3	-1813.4	361	9.1	15829.7	-1807.9
92	9.3	02708.2	-1813.2	182	9.8	10030.2	-1838.7	272	9.8	13018.9	-1855.9	362	8.7	15858.2	-1800.6
93	10.	02713.2	-1807.8	183	9.0	10047.7	-1825.4	273	9.0	13027.3	-1838.2	363	9.5	15914.8	-1813.3
94	9.2	02714.0	-1817.7	184	9.6	10111.2	-1831.3	274	9.0	13126.7	-1800.6	364	8.7	15934.1	-1813.8
95	9.5	02817.0	-1834.3	185	9.5	10209.8	-1852.5	275	9.1	13130.0	-1846.8	365	9.5	15946.9	-1811.9
96	9.7	02834.0	-1827.1	186	9.1	10241.0	-1819.7	276	9.8	13130.8	-1823.1	366	9.5	15953.9	-1832.8
97	9.8	02849.8	-1800.2	187	9.0	10242.1	-1816.1	277	9.5	13139.8	-1823.1	367	9.5	15957.4	-1834.3
98	8.5	02900.3	-1824.6	188	9.6	10259.3	-1836.4	278	9.0	13212.8	-1820.0	368	9.7	20000.6	-1835.2
99	8.3	02927.4	-1835.5	189	9.4	10355.2	-1810.2	279	7.3	13220.4	-1831.6	369	8.7	20026.0	-1819.5
100	10.	02935.1	-1848.2	190	9.1	10410.9	-1839.1	280	7.8	13245.6	-1817.4	370	9.0	20054.8	-1854.3
101	9.9	03004.8	-1851.5	191	10.	10420.8	-1831.5	281	9.6	13327.3	-1825.1	371	8.8	20135.4	-1810.7
102	9.2	03021.5	-1834.3	192	8.6	10438.0	-1818.4	282	9.3	13328.5	-1801.8	372	8.2	20151.1	-1805.3
103	9.9	03230.9	-1839.0	193	9.8	10440.2	-1801.6	283	9.3	13431.9	-1835.3	373	9.0	20151.5	-1814.4
104	9.1	03242.9	-1827.7	194	8.7	10451.9	-1835.2	284	8.6	13432.8	-1843.3	374	5.7	20152.9	-1827.7
105	8.8	03255.6	-1823.1	195	9.9	10545.2	-1825.1	285	9.8	13450.7	-1818.8	375	8.7	20200.5	-1832.4
106	8.5	03321.9	-1841.0	196	10.	10554.1	-1859.0	286	8.5	13509.1	-1851.8	376	9.5	20202.9	-1808.3
107	9.2	03330.3	-1828.9	197	9.8	10717.7	-1824.8	287	7.2	13511.0	-1837.7	377	10.	20236.4	-1859.7
108	8.8	03339.0	-1806.1	198	9.4	10728.2	-1836.0	288	9.0	13535.8	-1832.1	378	9.6	20248.3	-1847.6
109	9.5	03403.0	-1857.0	199	8.0	10740.0	-1800.4	289	10.	13544.6	-1809.5	379	9.5	20401.9	-1856.5
110	9.8	03417.9	-1836.5	200	7.5	10754.7	-1856.9	290	9.6	13605.2	-1847.9	380	9.4	20405.0	-1810.7
111	9.2	03424.6	-1800.1	201	9.8	10759.7	-1855.1	291	9.0	13618.7	-1820.5	381	6.7	20440.2	-1825.7
112	8.6	03451.8	-1831.9	202	9.5	10816.8	-1822.5	292	9.3	13620.3	-1820.3	382	7.7	20511.2	-1824.9
113	9.1	03519.3	-1805.7	203	9.0	10817.6	-1843.5	293	9.5	13641.2	-1849.5	383	9.4	20524.2	-1822.4
114	9.5	03544.5	-1808.3	204	8.2	10839.7	-1808.9	294	10.	13653.1	-1852.4	384	9.0	20541.7	-1817.0
115	2.0	03618.1	-1847.0	205	8.3	10938.2	-1855.5	295	9.8	13657.1	-1830.5	385	8.0	20700.5	-1838.5
116	9.7	03631.6	-1821.0	206	9.3	11001.5	-1843.6	296	9.4	13704.9	-1842.1	386	10.	20714.6	-1852.1
117	10.	03643.1	-1823.3	207	8.3	11023.4	-1818.0	297	9.5	13723.7	-1838.3	387	9.0	20736.6	-1807.3
118	9.4	03714.3	-1802.7	208	9.3	11027.8	-1819.5	298	9.6	13728.5	-1802.2	388	8.7	20738.3	-1828.0
119	9.1	03735.2	-1815.0	209	9.8	11042.5	-1817.5	299	9.8	13751.6	-1808.6	389	9.8	20800.6	-1849.5
120	8.7	03742.1	-1801.6	210	9.8	11054.5	-1835.6	300	9.6	13814.2	-1846.1	390	9.8	20814.2	-1808.0
121	10.	03742.3	-1817.5	211	9.4	11131.4	-1810.7	301	9.5	13820.1	-1824.6	391	10.	20824.8	-1825.8
122	9.0	03825.2	-1841.4	212	9.5	11143.6	-1814.1	302	10.	13900.8	-1824.0	392	9.7	20837.7	-1847.7
123	9.3	03841.6	-1817.6	213	9.8	11222.8	-1854.8	303	9.1	13912.3	-1810.8	393	8.9	20845.1	-1839.9
124	8.7	03908.2	-1800.3	214	9.8	11236.5	-1844.9	304	10.	13950.1	-1846.1	394	7.5	20856.2	-1854.5
125	9.5	03916.7	-1854.5	215	10.	11311.7	-1821.3	305	9.4	14014.9	-1825.1	395	9.8	20902.4	-1823.0
126	9.0	03925.8	-1859.2	216	9.3	11432.2	-1838.6	306	6.9	14016.7	-1812.4	396	9.9	20914.3	-1813.3
127	6.5	04029.3	-1851.1	217	9.2	11509.8	-1823.4	307	8.8	14053.1	-1853.2	397	9.4	20920.7	-1813.1
128	9.2	04038.2	-1833.7	218	9.4	11535.9	-1846.5	308	10.	14148.9	-1851.2	398	10.	20937.4	-1826.9
129	9.7	04110.5	-1843.3	219	9.9	11548.2	-1800.4	309	8.7	14204.2	-1829.3	399	9.4	21101.6	-1833.0
130	7.3	04130.2	-1820.4	220	9.8	11551.3	-1817.2	310	8.4	14211.4	-1843.5	400	9.1	21131.3	-1857.0
131	10.	04134.7	-1844.3	221	9.7	11615.8	-1838.7	311	9.5	14219.3	-1810.9	401	8.7	21137.8	-1852.5
132	10.	04207.7	-1834.3	222	7.0	11617.4	-1841.8	312	9.6	14236.4	-1838.6	402	9.2	21139.9	-1834.8
133	9.6	04230.3	-1851.0	223	9.4	11659.3	-1813.8	313	8.8	14304.5	-1813.1	403	9.5	21156.2	-1829.4
134	10.	04338.8	-1832.8	224	9.9	11727.9	-1819.5	314	10.	14327.9	-1816.4	404	9.5	21159.3	-1808.1
135	9.6	04343.1	-1834.5	225	9.2	11733.1	-1858.5	315	9.9	14336.8	-1832.9	405	9.0	21232.2	-1844.5
136	10.	04355.9	-1839.0	226	10.	11745.5	-1825.2	316	9.2	14337.1	-1822.1	406	8.5	21309.2	-1840.4
137	10.	04441.0	-1848.2	227	9.5	11755.1	-1801.7	317	9.0	14348.4	-1803.8	407	9.6	21347.1	-1847.9
138	9.1	04447.5	-1832.9	228	9.4	11801.3	-1835.2	318	9.8	14410.5	-1811.9	408	9.8	21410.9	-1815.2
139	9.2	04524.8	-1817.1	229	8.7	11859.2	-1803.7	319	9.5	14446.8	-1801.8	409	6.0	21514.1	-1819.2
140	9.4	04530.2	-1820.1	230	9.5	11912.6	-1844.6	320	9.6	14558.6	-1847.8	410	9.8	21522.5	-1814.1
141	10.	04533.2	-1832.1	231	10.	11919.0	-1822.9	321	9.4	14603.3	-1824.2	411	9.6	21529.2	-1825.9
142	10.	04536.0	-1822.5	232	9.3	11926.5	-1812.0	322	8.3	14610.9	-1806.6	412	9.2	21540.0	-1830.2
143	7.1	04555.5	-1826.5	233	9.5	11937.2	-1859.3	323	9.2	14622.6	-1849.5	413	10.	21618.4	-1805.9

414	9.0	21630.8	-1833.0	504	9.8	25202.5	-1850.7	594	10.	31426.0	-1848.2	684	9.4	34538.6	-1844.3
415	9.2	21733.4	-1828.9	505	9.3	25223.8	-1808.2	595	9.6	31443.8	-1834.9	685	9.1	34546.0	-1858.8
416	9.0	21734.5	-1806.3	506	9.5	25227.9	-1845.1	596	9.5	31606.3	-1811.5	686	9.8	34548.3	-1810.6
417	8.1	21735.7	-1848.9	507	10.	25229.0	-1814.5	597	9.4	31615.5	-1848.0	687	9.8	34556.1	-1825.8
418	8.9	21736.9	-1837.0	508	9.0	25244.8	-1843.1	598	9.8	31619.2	-1804.5	688	9.8	34609.9	-1844.5
419	9.5	21803.5	-1855.3	509	9.3	25249.4	-1803.0	599	9.8	31649.2	-1827.7	689	8.8	34621.3	-1837.6
420	9.8	21817.1	-1821.7	510	9.4	25309.0	-1804.4	600	9.4	31709.9	-1836.3	690	7.7	34627.5	-1853.7
421	9.6	21828.7	-1817.2	511	9.5	25410.7	-1800.3	601	8.3	31746.7	-1859.1	691	6.0	34642.8	-1852.1
422	9.8	21846.3	-1832.7	512	7.8	25425.4	-1826.6	602	9.1	31748.8	-1810.1	692	9.3	34646.9	-1833.2
423	9.8	21847.9	-1859.1	513	9.2	25430.5	-1828.2	603	9.8	31801.0	-1841.5	693	9.8	34655.2	-1801.6
424	9.6	21904.5	-1826.8	514	9.0	25448.0	-1817.8	604	9.5	31812.7	-1833.5	694	9.7	34706.0	-1855.3
425	9.3	21925.6	-1849.0	515	9.4	25459.3	-1847.8	605	8.3	31856.7	-1812.5	695	9.0	34747.9	-1840.4
426	10.	21940.7	-1808.7	516	7.0	25522.4	-1846.9	606	9.7	31905.6	-1827.7	696	8.4	34757.2	-1829.9
427	9.5	22013.1	-1855.9	517	8.2	25531.8	-1803.0	607	10.	31921.8	-1825.5	697	9.4	34846.2	-1854.7
428	9.4	22042.6	-1850.1	518	9.7	25543.0	-1839.1	608	8.0	31929.8	-1857.0	698	9.2	34846.2	-1846.4
429	9.9	22136.4	-1825.5	519	9.8	25543.2	-1858.8	609	9.4	31931.7	-1849.6	699	9.2	34846.6	-1823.2
430	9.5	22258.2	-1837.7	520	9.0	25543.9	-1842.7	610	8.5	32001.1	-1844.0	700	9.6	34904.1	-1829.0
431	9.3	22300.4	-1821.3	521	9.8	25545.5	-1801.8	611	9.8	32126.8	-1842.0	701	8.0	34910.8	-1807.5
432	9.3	22307.3	-1858.3	522	9.7	25545.7	-1814.8	612	8.1	32206.0	-1853.1	702	9.6	34940.1	-1823.6
433	9.0	22442.7	-1838.0	523	8.5	25622.7	-1848.4	613	9.0	32206.1	-1844.0	703	9.1	35019.9	-1809.7
434	9.5	22457.1	-1822.2	524	8.7	25629.3	-1838.8	614	9.5	32224.4	-1807.2	704	9.4	35030.9	-1801.0
435	9.8	22515.8	-1844.0	525	9.4	25648.9	-1843.5	615	9.4	32226.5	-1826.1	705	8.0	35033.6	-1858.3
436	9.7	22518.7	-1836.0	526	9.4	25659.4	-1857.1	616	9.5	32227.5	-1810.5	706	9.5	35053.0	-1851.2
437	9.8	22534.3	-1834.1	527	7.8	25718.1	-1818.3	617	9.4	32229.7	-1822.4	707	9.8	35102.6	-1853.7
438	9.0	22548.8	-1841.2	528	9.4	25746.5	-1846.3	618	9.0	32246.2	-1824.1	708	9.0	35116.0	-1837.0
439	9.8	22604.4	-1843.0	529	9.9	25748.7	-1834.7	619	10.	32345.9	-1802.7	709	9.8	35128.7	-1823.3
440	10.	22615.3	-1801.6	530	9.1	25809.5	-1807.7	620	9.7	32355.1	-1808.0	710	8.8	35134.7	-1835.8
441	9.6	22624.1	-1829.9	531	9.1	25820.0	-1856.1	621	9.1	32356.0	-1822.4	711	9.5	35149.0	-1813.8
442	8.6	22639.7	-1814.1	532	9.4	25902.9	-1803.9	622	7.5	32415.4	-1857.6	712	9.3	35151.4	-1804.9
443	9.0	22640.3	-1858.9	533	9.0	25912.3	-1822.5	623	8.5	32432.6	-1836.6	713	9.3	35159.6	-1821.5
444	9.5	22641.7	-1810.9	534	10.	25921.8	-1827.5	624	9.8	32442.5	-1802.5	714	9.3	35244.1	-1846.1
445	10.	22704.2	-1807.0	535	9.7	25941.9	-1832.1	625	8.4	32514.1	-1858.5	715	9.1	35246.6	-1847.0
446	9.3	22759.4	-1834.7	536	8.2	25957.2	-1802.2	626	10.	32615.0	-1807.1	716	9.6	35308.8	-1807.6
447	7.0	22909.6	-1816.1	537	9.5	30012.1	-1811.8	627	8.3	32631.1	-1853.9	717	7.5	35315.2	-1819.4
448	8.6	23003.4	-1801.4	538	9.8	30018.6	-1808.6	628	9.8	32646.3	-1804.6	718	9.2	35400.7	-1832.2
449	9.8	23110.1	-1829.3	539	9.8	30039.7	-1828.4	629	9.5	32655.7	-1838.0	719	9.8	35416.1	-1835.1
450	9.0	23119.2	-1809.8	540	8.5	30053.5	-1834.7	630	9.7	32721.0	-1804.9	720	9.1	35419.7	-1852.9
451	9.0	23210.6	-1849.4	541	9.2	30055.5	-1848.4	631	9.8	32811.5	-1858.7	721	9.8	35421.0	-1802.7
452	10.	23309.4	-1820.7	542	9.8	30101.1	-1854.0	632	9.1	32836.3	-1828.3	722	9.4	35439.4	-1839.9
453	10.	23319.5	-1822.6	543	9.8	30133.0	-1841.6	633	9.8	32901.5	-1858.6	723	9.4	35456.0	-1825.2
454	9.1	23319.5	-1830.6	544	9.3	30204.2	-1842.2	634	9.4	32937.1	-1840.4	724	10.	35458.2	-1853.2
455	9.8	23420.3	-1808.1	545	8.5	30256.1	-1837.2	635	9.3	32948.6	-1800.8	725	9.3	35459.0	-1825.5
456	8.7	23425.7	-1840.4	546	9.5	30301.5	-1832.4	636	9.1	32948.8	-1859.2	726	9.0	35507.3	-1855.9
457	7.8	23426.4	-1826.4	547	9.4	30316.6	-1819.5	637	9.1	33020.0	-1821.6	727	8.6	35516.1	-1832.7
458	9.0	23450.1	-1833.7	548	8.7	30318.1	-1821.9	638	9.4	33020.9	-1827.5	728	7.3	35520.7	-1846.5
459	9.5	23531.0	-1807.9	549	8.6	30414.2	-1852.1	639	8.2	33034.5	-1821.9	729	9.4	35527.6	-1829.8
460	8.9	23553.2	-1824.2	550	10.	30429.2	-1827.5	640	9.9	33048.9	-1841.5	730	9.4	35548.2	-1843.4
461	8.5	23628.9	-1858.8	551	9.9	30435.3	-1855.9	641	9.9	33049.5	-1836.9	731	9.5	35550.4	-1854.8
462	9.2	23654.8	-1806.4	552	9.3	30500.0	-1825.9	642	9.0	33122.4	-1808.1	732	9.2	35558.7	-1806.4
463	9.8	23711.8	-1801.2	553	9.0	30505.5	-1816.0	643	10.	33129.3	-1853.0	733	10.	35609.1	-1808.7
464	9.0	23713.0	-1858.6	554	9.4	30534.0	-1824.2	644	9.2	33201.7	-1824.8	734	10.	35635.3	-1849.8
465	8.6	23813.1	-1823.7	555	8.8	30602.3	-1845.5	645	9.6	33220.4	-1824.2	735	9.4	35637.7	-1843.0
466	8.1	23817.1	-1812.0	556	8.3	30617.8	-1859.2	646	9.9	33245.7	-1827.8	736	9.8	35656.4	-1810.2
467	9.5	23823.6	-1844.3	557	9.5	30621.7	-1835.3	647	9.2	33423.0	-1851.7	737	8.9	35714.7	-1842.2
468	9.6	23840.1	-1831.5	558	9.2	30623.5	-1845.1	648	9.7	33424.6	-1834.2	738	8.7	35724.9	-1832.6
469	9.3	23900.4	-1839.2	559	9.7	30624.3	-1836.4	649	9.4	33431.1	-1824.1	739	9.1	35742.5	-1833.8
470	9.9	23906.5	-1853.9	560	8.0	30629.5	-1810.6	650	8.6	33436.2	-1821.6	740	9.1	35757.2	-1842.4
471	10.	23918.5	-1850.4	561	9.0	30648.2	-1809.8	651	9.1	33500.7	-1854.0	741	10.	35808.9	-1854.8
472	8.5	23948.7	-1839.2	562	9.5	30706.4	-1801.5	652	10.	33512.7	-1859.5	742	8.8	35821.9	-1821.0
473	9.3	24023.4	-1814.5	563	8.3	30726.1	-1825.0	653	9.3	33519.5	-1811.1	743	9.8	35902.8	-1844.1
474	9.0	24040.6	-1809.6	564	9.8	30751.7	-1827.3	654	9.6	33527.5	-1912.7	744	9.6	35911.3	-1816.2
475	9.8	24050.3	-1857.5	565	9.7	30752.6	-1846.7	655	9.8	33531.4	-1828.3	745	9.3	35914.6	-1859.4
476	8.8	24054.9	-1855.5	566	10.	30806.4	-1856.9	656	9.2	33534.8	-1858.0	746	9.3	35919.2	-1838.0
477	9.0	24107.3	-1853.0	567	9.0	30840.4	-1829.3	657	9.8	33628.9	-1801.0	747	9.5	35935.6	-1834.8
478	9.0	24116.4	-1857.1	568	9.4	30844.8	-1830.0	658	8.8	33651.7	-1848.1	748	9.1	35936.5	-1813.5
479	9.1	24133.0	-1809.5	569	7.0	30851.9	-1842.9	659	9.3	33659.5	-1811.3	749	9.7	35940.8	-1813.7
480	9.5	24144.5	-1810.6	570	9.5	30854.4	-1804.5	660	9.4	33709.6	-1828.1	750	9.5	35942.6	-1820.1
481	9.4	24145.6	-1835.2	571	8.0	30911.9	-1854.0	661	9.0	33801.1	-1844.9	751	9.5	40001.1	-1836.0
482	9.2	24315.1	-1830.4	572	9.0	30921.6	-1846.8	662	9.4	33818.6	-1826.6	752	6.4	40007.3	-1826.6
483	9.8	24320.2	-1821.6	573	9.8	30928.8	-1826.2	663	8.6	33830.0	-1831.3	753	9.7	40024.8	-1844.8
484	9.1	24338.0	-1809.5	574	9.1	30956.9	-1843.4	664	9.3	33938.3	-1821.9	754	8.3	40026.4	-1821.3
485	9.5	24441.9	-1844.5	575	8.5	31047.0	-1855.7	665	9.4	33944.2	-1820.6	755	9.8	40037.9	-1859.3
486	8.0	24517.3	-1857.2	576	9.0	31049.0	-1848.3	666	9.6	34020.6	-1826.7	756	9.2	40040.1	-1830.2
487	9.1	24539.1	-1807.5	577	8.3	31057.2	-1811.1	667	9.1	34048.8	-1821.0	757	9.7	40103.1	-1827.5
488	8.5	24541.3	-1836.8	578	9.6	31111.9	-1834.2	668	9.4	34100.6	-1821.0	758	9.4	40124.7	-1814.1
489	9.8	24623.0	-1853.4	579	9.6	31115.5	-1847.9	669	9.5	34143.4	-1805.3	759	9.2	40141.0	-1802.1
490	9.4	24642.8	-1803.0	580	9.6	31119.5	-1800.0	670	9.3	34143.5	-1846.0	760	9.7	40154.3	-1818.3
491	9.8	24713.8	-1819.0	581	9.1	31125.0	-1802.0	671	9.7	34207.4	-1839.5	761	9.0	40210.9	-1852.0
492	9.9	24748.6	-1825.6	582	9.2	31127.6	-1809.5	672	9.5	34208.5	-1812.3	762	9.0	40212.1	-1808.0
493	10.	24815.4	-1819.5	583	9.3	31139.1	-1809.1	673	8.2	34240.0	-1824.8	763	8.0	40219.8	-1819.7
494	9.5	24821.0	-1814.6	584	9.6	31154.9	-1826.4	674	9.5	34251.1	-1829.8	764	9.5	40300.6	-1806.6
495	9.5	24822.7	-1858.4	585	9.5	31207.0	-1858.2	675	8.8	34251.3	-1823.1	765	9.9	40301.2	-1802.8
496	9.4	24839.1	-1848.3	586	9.8	31211.2	-1829.4	676	8.3	34259.2	-1844.3	766	9.3	40327.2	-1823.6
497	9.8	24857.1	-1848.3	587	10.	31258.5	-1836.2	677	9.3	34410.5	-1859.4	767	9.0	40412.7	-1809.1
498	9.9	24911.0	-1837.1	588	9.7	31313.8	-1823.0	678	9.1	34416.4	-1850.7	768	9.5	40418.2	-1813.4
499	10.	25005.2	-1837.4	589	8.8	31316.7	-1805.3	679	9.7	34431.9	-1834.8	769	8.0	40437.4	-1848.2
500	9.5	25057.5	-1855.2	590	9.8	31332.0	-1823.0	680	10.	34455.1	-1801.9	770	9.0	40457.1	-1854.0
501	9.6	25127.2	-1842.3	591	8.8	31333.5	-1831.6	681	9.5	34457.2	-1828.1	771	9.5	40506.0	-1829.1
502	9.1	25129.2	-1847.1	592	9.7	31358.7	-1806.8	682	9.7	34504.2	-1804.4	772	8.3	40530.5	-1814.8
503	9.0	25130.9	-1814.0	593	8.0	31404.1	-1802.8	683	8.8	34516.6	-1815.1	773	8.8	40533.1	-1826.6

-18 774 4h05m

-18 1133 5h29m

774	8.9	40550.9	-1842.0	864	9.0	42606.8	-1826.1	954	9.6	44854.3	-1821.3	1044	8.9	51115.7	-1801.2
775	9.2	40558.3	-1827.9	865	9.5	42648.3	-1817.5	955	9.0	44908.9	-1848.4	1045	8.0	51116.4	-1849.4
776	9.8	40559.2	-1819.0	866	9.2	42659.5	-1848.6	956	9.8	44918.3	-1823.6	1046	8.8	51118.6	-1817.5
777	9.5	40625.8	-1836.4	867	9.7	42706.6	-1853.3	957	9.8	44924.1	-1814.6	1047	8.9	51137.8	-1830.0
778	9.6	40644.3	-1808.7	868	9.5	42721.9	-1845.9	958	9.8	45008.3	-1800.3	1048	8.0	51139.5	-1846.3
779	9.8	40650.4	-1820.3	869	7.7	42727.8	-1829.5	959	7.5	45037.3	-1820.4	1049	9.9	51152.4	-1805.8
780	9.6	40701.3	-1859.4	870	9.0	42729.7	-1858.2	960	8.3	45038.0	-1837.8	1050	8.8	51200.3	-1853.9
781	10.	40712.0	-1848.0	871	10.	42810.6	-1859.2	961	8.7	45047.9	-1847.0	1051	6.3	51224.6	-1817.4
782	8.3	40717.6	-1825.7	872	9.1	42818.1	-1801.9	962	8.7	45113.8	-1830.4	1052	9.4	51227.9	-1824.8
783	9.1	40741.4	-1835.0	873	9.9	42820.0	-1822.9	963	9.4	45116.6	-1812.5	1053	10.	51251.0	-1830.8
784	9.4	40745.5	-1842.5	874	9.8	42821.3	-1812.6	964	9.0	45124.3	-1842.0	1054	9.2	51251.0	-1809.0
785	9.8	40751.1	-1854.3	875	9.9	42838.4	-1843.8	965	9.2	45128.3	-1843.8	1055	7.3	51256.5	-1840.4
786	10.	40752.8	-1847.6	876	9.2	42937.7	-1810.7	966	7.0	45219.2	-1801.9	1056	7.0	51257.3	-1839.8
787	9.2	40755.9	-1824.7	877	9.5	42951.4	-1836.4	967	9.0	45223.9	-1821.6	1057	9.0	51259.5	-1838.0
788	9.9	40825.4	-1817.5	878	9.1	43003.7	-1828.9	968	9.0	45232.3	-1822.3	1058	9.8	51304.9	-1810.0
789	9.1	40832.5	-1850.9	879	8.7	43017.0	-1810.7	969	9.8	45244.8	-1816.1	1059	9.3	51312.6	-1813.0
790	9.4	40836.9	-1804.2	880	9.0	43017.2	-1839.8	970	9.7	45251.9	-1838.7	1060	9.4	51317.5	-1813.2
791	9.8	40846.7	-1807.4	881	7.2	43118.4	-1837.4	971	9.7	45305.4	-1825.7	1061	9.8	51327.7	-1802.0
792	9.1	40907.5	-1825.6	882	9.1	43137.4	-1820.4	972	10.	45315.8	-1819.9	1062	10.	51347.7	-1810.0
793	8.7	40927.5	-1842.6	883	7.2	43137.4	-1806.2	973	8.2	45324.7	-1852.5	1063	9.4	51356.6	-1830.7
794	9.5	40947.8	-1807.7	884	10.	43153.3	-1845.9	974	9.4	45451.6	-1802.0	1064	10.	51505.7	-1816.9
795	7.2	40949.4	-1814.0	885	9.7	43208.3	-1814.1	975	8.5	45454.0	-1834.9	1065	9.8	51514.9	-1853.1
796	9.2	41048.2	-1827.1	886	8.5	43217.8	-1857.5	976	9.0	45507.7	-1806.8	1066	9.1	51534.6	-1858.7
797	9.6	41140.1	-1826.7	887	9.2	43258.8	-1842.8	977	9.8	45517.5	-1820.3	1067	9.2	51541.0	-1808.1
798	9.1	41150.3	-1857.0	888	9.4	43305.0	-1819.0	978	9.6	45545.8	-1837.8	1068	9.3	51555.7	-1819.2
799	9.2	41151.0	-1837.8	889	10.	43313.5	-1841.0	979	9.1	45555.9	-1848.4	1069	8.8	51558.6	-1815.8
800	9.1	41155.1	-1845.6	890	8.5	43325.5	-1823.6	980	9.5	45602.1	-1806.1	1070	9.6	51614.7	-1842.7
801	9.7	41205.6	-1842.1	891	9.0	43344.7	-1834.8	981	9.0	45607.3	-1840.8	1071	9.3	51630.6	-1811.1
802	7.0	41215.8	-1803.7	892	9.3	43346.6	-1804.9	982	9.8	45624.6	-1858.7	1072	9.8	51647.4	-1856.2
803	7.0	41232.4	-1812.4	893	10.	43412.1	-1849.5	983	9.4	45651.5	-1801.4	1073	9.1	51658.5	-1858.4
804	9.8	41255.3	-1857.6	894	9.4	43421.9	-1802.8	984	8.8	45708.5	-1824.3	1074	9.3	51704.8	-1819.9
805	10.	41255.9	-1809.7	895	9.4	43444.1	-1832.9	985	9.8	45711.6	-1828.6	1075	9.5	51720.0	-1832.9
806	7.7	41320.7	-1851.9	896	9.8	43447.5	-1846.2	986	9.1	45720.9	-1843.2	1076	9.3	51727.7	-1842.3
807	9.4	41321.9	-1844.3	897	9.3	43449.5	-1819.8	987	9.4	45722.7	-1811.6	1077	9.5	51748.1	-1837.3
808	9.2	41325.7	-1846.0	898	9.7	43604.2	-1812.9	988	9.8	45753.1	-1803.0	1078	8.8	51752.1	-1812.9
809	9.9	41330.4	-1827.0	899	9.5	43615.3	-1843.2	989	9.5	45810.4	-1856.1	1079	9.5	51759.8	-1850.8
810	10.	41400.1	-1838.7	900	9.0	43616.9	-1812.9	990	7.3	45812.6	-1805.3	1080	9.1	51803.5	-1859.5
811	8.1	41404.9	-1805.0	901	10.	43618.2	-1830.6	991	8.4	45816.2	-1808.7	1081	9.8	51814.9	-1800.2
812	9.5	41409.0	-1813.1	902	8.7	43625.0	-1806.2	992	9.8	45835.0	-1848.5	1082	9.7	51816.5	-1846.2
813	9.5	41423.7	-1850.1	903	8.8	43625.1	-1814.2	993	9.5	45847.9	-1849.7	1083	9.8	51827.9	-1813.2
814	9.4	41426.8	-1803.2	904	9.8	43715.9	-1834.9	994	9.3	45909.1	-1823.7	1084	9.4	51828.9	-1855.0
815	9.5	41505.9	-1858.4	905	9.3	43732.8	-1853.6	995	9.7	45920.0	-1832.6	1085	8.3	51844.8	-1851.5
816	9.5	41506.7	-1824.8	906	6.0	43743.9	-1856.2	996	9.5	45932.6	-1839.5	1086	9.6	51849.9	-1828.6
817	10.	41529.3	-1830.8	907	9.7	43806.3	-1806.0	997	9.5	45956.1	-1854.0	1087	9.2	51907.8	-1849.9
818	9.8	41530.4	-1859.9	908	10.	43810.1	-1851.6	998	9.8	45958.3	-1855.0	1088	9.5	51909.3	-1820.0
819	9.8	41547.5	-1846.0	909	9.2	43828.6	-1833.5	999	9.5	45958.5	-1823.8	1089	9.1	51926.7	-1847.0
820	9.5	41549.6	-1852.9	910	8.6	43842.2	-1826.0	1000	9.0	50012.6	-1830.5	1090	9.4	51939.7	-1833.3
821	9.0	41602.1	-1818.0	911	9.4	43855.0	-1847.9	1001	8.9	50046.2	-1829.9	1091	9.4	52037.1	-1836.7
822	9.9	41615.3	-1852.9	912	9.5	43909.4	-1857.2	1002	9.8	50055.2	-1851.5	1092	9.7	52042.8	-1854.2
823	9.5	41641.9	-1859.5	913	9.6	43913.5	-1859.1	1003	9.8	50056.1	-1842.4	1093	9.0	52108.0	-1815.2
824	10.	41708.5	-1831.5	914	10.	43934.9	-1812.3	1004	9.0	50109.3	-1812.4	1094	9.5	52130.3	-1815.5
825	9.5	41721.7	-1848.1	915	9.1	43950.9	-1815.2	1005	8.9	50118.7	-1854.2	1095	7.5	52134.1	-1807.7
826	9.4	41724.7	-1843.9	916	7.7	43959.5	-1805.3	1006	9.9	50118.8	-1801.8	1096	10.	52137.2	-1828.5
827	9.5	41731.3	-1825.6	917	9.7	44007.1	-1809.1	1007	9.4	50134.0	-1844.6	1097	9.0	52146.9	-1847.1
828	9.6	41733.9	-1825.5	918	9.8	44010.6	-1813.4	1008	9.3	50136.1	-1847.5	1098	9.3	52156.7	-1810.8
829	8.9	41740.3	-1852.2	919	9.4	44014.7	-1830.4	1009	9.8	50157.2	-1805.0	1099	9.8	52207.0	-1823.9
830	9.4	41758.2	-1839.4	920	9.2	44021.7	-1849.1	1010	7.2	50207.9	-1818.4	1100	10.	52219.1	-1845.8
831	9.7	41829.3	-1815.3	921	7.7	44026.5	-1840.1	1011	8.5	50234.9	-1805.5	1101	8.8	52246.9	-1836.7
832	8.7	41858.9	-1852.1	922	9.7	44037.8	-1835.1	1012	9.8	50235.0	-1819.0	1102	8.5	52349.2	-1840.3
833	9.6	41910.4	-1802.9	923	9.4	44047.9	-1853.1	1013	9.4	50243.3	-1809.2	1103	8.7	52401.3	-1842.8
834	9.1	41930.4	-1832.7	924	9.8	44104.5	-1836.3	1014	9.2	50311.3	-1812.0	1104	10.	52412.0	-1856.4
835	7.7	41931.8	-1811.9	925	9.5	44141.9	-1825.4	1015	9.5	50347.0	-1844.1	1105	9.6	52421.3	-1834.7
836	9.5	41938.0	-1833.0	926	9.8	44152.7	-1825.5	1016	9.5	50402.3	-1801.0	1106	8.5	52421.5	-1843.2
837	9.8	41954.6	-1810.5	927	8.6	44153.4	-1830.7	1017	9.3	50402.8	-1820.9	1107	10.	52428.7	-1813.6
838	10.	42004.7	-1839.1	928	9.9	44214.0	-1812.0	1018	7.8	50411.0	-1851.0	1108	9.4	52430.4	-1823.5
839	8.2	42022.8	-1842.5	929	9.1	44243.6	-1838.2	1019	9.6	50413.2	-1839.4	1109	9.5	52434.2	-1825.5
840	7.0	42027.6	-1858.6	930	9.5	44252.0	-1832.0	1020	10.	50429.0	-1843.9	1110	9.3	52453.8	-1840.1
841	9.0	42039.6	-1810.1	931	10.	44305.7	-1842.8	1021	9.6	50434.1	-1846.5	1111	9.0	52513.7	-1813.6
842	9.6	42040.3	-1834.2	932	9.1	44349.3	-1849.2	1022	10.	50436.8	-1818.5	1112	8.4	52522.3	-1849.6
843	9.7	42105.5	-1808.6	933	9.8	44353.4	-1808.2	1023	8.9	50525.6	-1826.1	1113	9.2	52540.9	-1820.7
844	9.6	42114.1	-1807.9	934	10.	44421.9	-1857.2	1024	9.4	50527.1	-1819.4	1114	9.8	52545.4	-1818.2
845	8.4	42119.9	-1825.5	935	9.1	44437.2	-1847.0	1025	9.2	50527.7	-1836.3	1115	9.5	52545.4	-1839.4
846	8.5	42120.6	-1804.9	936	9.3	44443.4	-1806.4	1026	9.5	50548.9	-1825.0	1116	9.8	52619.8	-1803.7
847	9.3	42123.1	-1820.5	937	8.5	44451.8	-1835.4	1027	8.8	50622.7	-1853.0	1117	9.8	52630.1	-1814.1
848	7.3	42129.5	-1809.6	938	9.2	44506.9	-1858.6	1028	9.1	50624.5	-1834.8	1118	9.6	52633.9	-1833.5
849	8.2	42245.7	-1847.5	939	9.4	44515.5	-1848.2	1029	8.5	50647.4	-1808.0	1119	9.7	52639.5	-1821.7
850	10.	42312.2	-1838.6	940	9.5	44522.9	-1801.3	1030	9.0	50649.6	-1820.3	1120	8.3	52652.9	-1840.1
851	9.8	42321.2	-1836.9	941	9.8	44540.1	-1812.5	1031	8.0	50703.0	-1843.7	1121	9.0	52721.4	-1818.0
852	10.	42339.3	-1816.3	942	9.8	44605.1	-1859.0	1032	9.4	50720.7	-1822.3	1122	8.0	52722.9	-1846.8
853	8.6	42347.0	-1806.5	943	9.5	44606.0	-1812.5	1033	9.5	50800.1	-1838.4	1123	9.0	52729.3	-1833.5
854	9.8	42348.4	-1838.6	944	9.8	44608.4	-1825.7	1034	9.6	50802.4	-1812.7	1124	9.7	52729.4	-1829.5
855	9.6	42356.7	-1815.0	945	9.4	44610.9	-1855.7	1035	7.7	50807.3	-1833.7	1125	7.9	52752.5	-1826.3
856	9.5	42400.1	-1837.9	946	9.4	44632.7	-1802.4	1036	9.5	50829.2	-1855.7	1126	9.7	52753.4	-1808.2
857	9.0	42430.8	-1816.3	947	9.2	44633.7	-1820.8	1037	9.5	50833.4	-1835.2	1127	6.9	52756.2	-1854.7
858	9.5	42500.8	-1836.1	948	9.6	44649.4	-1801.9	1038	9.2	50918.4	-1829.6	1128	10.	52806.0	-1821.0
859	9.8	42528.5	-1849.3	949	8.3	44707.9	-1803.9	1039	9.5	51000.3	-1840.4	1129	9.9	52835.1	-1833.3
860	9.5	42557.5	-1828.3	950	9.4	44738.3	-1809.6	1040	9.5	51021.4	-1837.9	1130	9.8	52859.7	-1849.1
861	8.5	42601.1	-1802.7	951	9.1	44741.8	-1820.6	1041	9.6	51046.3	-1822.4	1131	9.5	52912.6	-1828.3
862	9.8	42602.2	-1859.4	952	9.8	44759.6	-1835.5	1042	10.	51105.0	-1812.2	1132	9.5	52932.6	-1808.4
863	9.6	42604.8	-1853.1	953	9.4	44830.2	-1835.0	1043	9.4	51112.9	-1810.7	1133	9.2	52938.6	-1830.3

1134	8.5	52946.2	-1847.3	1224	9.3	54707.8	-1819.0	1314	9.1	60243.1	-1843.8	1404	8.3	61650.8	-1809.0
1135	10.	52954.5	-1804.0	1225	9.8	54719.4	-1851.1	1315	10.	60257.7	-1837.9	1405	7.5	61710.5	-1855.7
1136	9.5	53000.3	-1850.7	1226	9.0	54728.2	-1810.7	1316	6.4	60258.1	-1806.6	1406	10.	61719.4	-1815.8
1137	9.2	53012.9	-1825.9	1227	9.5	54805.2	-1834.4	1317	10.	60259.2	-1846.7	1407	9.5	61730.0	-1847.5
1138	9.7	53022.0	-1800.5	1228	8.5	54821.5	-1853.4	1318	8.2	60300.5	-1828.2	1408	9.0	61807.5	-1857.6
1139	9.4	53040.0	-1802.0	1229	10.	54835.6	-1831.7	1319	8.8	60316.0	-1858.2	1409	9.8	61829.7	-18.2.8
1140	9.5	53044.5	-1840.3	1230	9.5	54843.2	-1808.3	1320	9.3	60323.7	-1854.5	1410	9.8	61843.6	-1803.1
1141	9.0	53116.4	-1834.7	1231	9.5	54845.7	-1812.1	1321	10.	60326.1	-1840.0	1411	8.8	61851.3	-1824.3
1142	9.3	53128.3	-1838.5	1232	9.8	54850.6	-1857.2	1322	9.6	60338.5	-1851.7	1412	9.3	61851.3	-1813.6
1143	10.	53143.9	-1858.0	1233	9.6	54855.4	-1823.9	1323	9.4	60350.9	-1853.6	1413	9.8	61905.9	-1845.4
1144	8.6	53152.2	-1848.1	1234	9.9	54906.2	-1823.2	1324	9.9	60359.3	-1815.0	1414	9.1	61906.3	-1811.0
1145	9.0	53213.3	-1815.9	1235	7.7	54916.1	-1859.6	1325	9.5	60407.4	-1844.6	1415	9.5	61907.0	-1847.0
1146	9.3	53214.8	-1828.3	1236	8.7	54921.8	-1801.9	1326	9.8	60407.7	-1808.3	1416	9.5	61911.3	-1817.4
1147	9.4	53228.3	-1830.1	1237	9.6	54922.1	-1803.9	1327	8.8	60424.8	-1850.0	1417	8.8	61927.9	-1831.9
1148	10.	53300.4	-1825.7	1238	9.8	54954.3	-1811.2	1328	9.6	60425.6	-1819.7	1418	9.2	61930.7	-1828.9
1149	10.	53307.1	-1825.0	1239	9.8	55004.6	-1804.0	1329	9.6	60428.9	-1841.4	1419	9.5	61936.5	-1822.1
1150	8.8	53320.3	-1848.0	1240	7.8	55024.9	-1818.6	1330	10.	60453.7	-1811.2	1420	9.4	61938.2	-1831.2
1151	8.9	53333.7	-1836.4	1241	9.4	55025.1	-1838.5	1331	9.7	60506.3	-1821.6	1421	8.3	61946.9	-1853.7
1152	9.0	53339.5	-1859.6	1242	9.3	55029.5	-1821.7	1332	9.5	60511.6	-1852.5	1422	9.9	62000.6	-1824.1
1153	9.4	53404.9	-1800.6	1243	9.1	55034.7	-1836.8	1333	9.2	60519.4	-1840.1	1423	10.	62010.1	-1829.2
1154	8.8	53409.0	-1849.4	1244	9.9	55043.0	-1826.2	1334	6.8	60521.7	-1809.2	1424	8.5	62010.9	-1809.0
1155	9.8	53417.8	-1815.8	1245	9.4	55057.1	-1844.5	1335	10.	60522.6	-1804.7	1425	9.0	62026.9	-1849.9
1156	9.0	53427.6	-1827.8	1246	9.5	55103.4	-1831.9	1336	8.8	60537.2	-1833.8	1426	9.5	62047.8	-1847.9
1157	9.5	53446.4	-1854.1	1247	7.0	55111.6	-1804.5	1337	9.1	60606.5	-1858.5	1427	8.5	62103.5	-1856.3
1158	8.7	53452.3	-1832.2	1248	9.3	55116.5	-1853.0	1338	9.0	60620.3	-1816.7	1428	9.8	62112.6	-1801.7
1159	9.5	53517.2	-1812.9	1249	8.9	55119.3	-1846.1	1339	9.5	60649.0	-1853.7	1429	9.7	62148.0	-1824.0
1160	9.7	53521.3	-1851.3	1250	9.4	55122.4	-1816.8	1340	9.1	60651.2	-1849.4	1430	9.7	62159.6	-1829.0
1161	9.4	53538.0	-1829.2	1251	10.	55128.8	-1814.2	1341	10.	60709.3	-1833.8	1431	9.3	62217.3	-1811.6
1162	9.4	53539.7	-1857.0	1252	9.2	55147.3	-1835.2	1342	9.9	60715.9	-1823.4	1432	9.5	62221.4	-1810.4
1163	9.8	53550.9	-1823.6	1253	9.0	55151.4	-1848.0	1343	9.0	60724.3	-1843.4	1433	9.2	62236.0	-1858.3
1164	9.1	53553.0	-1801.7	1254	8.6	55152.0	-1800.3	1344	9.0	60727.5	-1824.1	1434	9.5	62236.5	-1825.6
1165	9.1	53622.3	-1803.8	1255	10.	55225.3	-1844.1	1345	9.5	60734.4	-1856.3	1435	9.9	62237.5	-1823.8
1166	8.3	53629.2	-1825.8	1256	10.	55235.2	-1813.8	1346	9.5	60736.5	-1851.8	1436	8.9	62246.9	-1849.7
1167	9.2	53630.0	-1830.9	1257	9.3	55235.8	-1801.5	1347	9.3	60753.8	-1837.8	1437	9.2	62252.4	-1832.6
1168	9.0	53637.5	-1800.1	1258	9.2	55309.3	-1839.6	1348	9.1	60804.1	-1845.2	1438	10.	62310.6	-1800.7
1169	10.	53641.4	-1852.0	1259	9.2	55312.3	-1844.0	1349	8.7	60818.6	-1802.5	1439	9.2	62312.8	-1850.6
1170	9.2	53647.7	-1831.0	1260	9.4	55319.0	-1853.9	1350	9.4	60820.2	-1812.3	1440	9.4	62314.2	-1833.0
1171	9.8	53648.6	-1852.4	1261	9.5	55320.6	-1829.5	1351	9.8	60841.2	-1810.6	1441	10.	62319.1	-1830.2
1172	6.0	53700.6	-1837.6	1262	8.9	55337.4	-1830.5	1352	6.2	60857.1	-1825.9	1442	9.8	62323.8	-1832.7
1173	9.8	53720.9	-1858.4	1263	9.4	55347.7	-1839.4	1353	9.5	60858.6	-1839.5	1443	8.7	62328.8	-1820.2
1174	7.2	53742.8	-1821.3	1264	10.	55413.4	-1805.3	1354	9.4	60900.3	-1815.5	1444	8.7	62328.9	-1825.0
1175	9.5	53747.4	-1855.5	1265	9.1	55426.8	-1841.8	1355	9.1	60903.8	-1819.1	1445	9.2	62336.5	-1852.5
1176	9.0	53749.1	-1803.4	1266	9.4	55430.5	-1824.6	1356	9.0	60904.5	-1827.4	1446	9.8	62337.2	-1844.5
1177	9.0	53821.2	-1809.0	1267	9.2	55449.2	-1808.4	1357	8.9	60908.2	-1853.7	1447	9.1	62345.4	-1822.8
1178	10.	53822.2	-1843.7	1268	9.5	55452.9	-1822.3	1358	9.4	60918.9	-1843.7	1448	10.	62402.7	-1810.5
1179	9.2	53848.0	-1827.6	1269	8.3	55508.8	-1817.6	1359	9.8	60948.8	-1835.1	1449	9.5	62407.8	-1854.1
1180	9.5	53933.6	-1805.4	1270	8.0	55522.1	-1803.9	1360	9.5	60959.2	-1807.7	1450	9.7	62408.5	-1819.6
1181	8.8	53945.7	-1844.3	1271	9.5	55528.5	-1805.2	1361	9.5	61002.9	-1817.3	1451	9.4	62420.9	-1807.3
1182	9.0	53959.9	-1822.5	1272	8.3	55528.5	-1831.0	1362	9.4	61005.4	-1830.3	1452	9.9	62421.4	-1826.5
1183	9.8	54003.0	-1814.2	1273	9.5	55541.4	-1854.5	1363	10.	61016.1	-1826.9	1453	9.9	62422.4	-1826.5
1184	9.3	54028.0	-1826.5	1274	9.4	55556.5	-1857.0	1364	9.0	61028.6	-1824.2	1454	9.5	62430.7	-1855.3
1185	9.3	54029.8	-1827.2	1275	9.5	55602.9	-1820.5	1365	7.7	61034.1	-1833.6	1455	9.0	62431.1	-1805.4
1186	9.0	54035.0	-1808.7	1276	8.0	55603.7	-1854.2	1366	9.3	61034.2	-1843.3	1456	9.5	62505.2	-1809.6
1187	8.2	54046.3	-1813.7	1277	9.6	55605.1	-1826.0	1367	9.4	61042.6	-1847.7	1457	9.8	62534.5	-1825.2
1188	9.5	54105.2	-1811.4	1278	8.3	55615.9	-1823.5	1368	9.1	61053.0	-1848.2	1458	9.3	62541.3	-1814.5
1189	9.1	54111.2	-1831.1	1279	9.0	55622.4	-1809.2	1369	9.8	61059.8	-1833.0	1459	9.8	62548.5	-1810.4
1190	8.8	54128.7	-1840.2	1280	10.	55622.9	-1830.2	1370	9.6	61109.9	-1837.6	1460	9.8	62549.1	-1829.9
1191	9.8	54132.9	-1848.5	1281	9.8	55635.7	-1821.2	1371	9.8	61113.7	-1810.0	1461	9.8	62621.2	-1827.0
1192	9.8	54135.0	-1800.4	1282	10.	55707.6	-1802.8	1372	9.1	61138.0	-1848.4	1462	9.4	62647.2	-1810.7
1193	9.0	54151.2	-1813.1	1283	9.5	55711.4	-1852.5	1373	9.0	61147.1	-1830.6	1463	10.	62701.6	-1817.4
1194	8.6	54205.2	-1845.0	1284	9.3	55713.3	-1840.1	1374	8.3	61157.5	-1821.9	1464	10.	62702.2	-1826.8
1195	9.7	54229.2	-1858.0	1285	8.8	55729.9	-1833.1	1375	9.7	61212.0	-1822.3	1465	9.3	62708.1	-1853.7
1196	8.5	54244.1	-1806.5	1286	9.4	55741.3	-1839.0	1376	9.1	61226.3	-1838.4	1466	9.3	62712.6	-1802.8
1197	10.	54300.9	-1851.0	1287	9.2	55751.6	-1840.5	1377	9.4	61302.8	-1825.7	1467	9.3	62738.4	-1849.7
1198	9.8	54302.4	-1833.7	1288	9.3	55759.5	-1824.8	1378	9.2	61329.8	-1830.0	1468	8.2	62811.3	-1841.8
1199	9.1	54309.7	-1824.8	1289	8.2	55802.2	-1859.7	1379	8.8	61330.7	-1821.5	1469	9.4	62821.3	-1830.4
1200	10.	54314.8	-1806.9	1290	9.8	55817.6	-1826.6	1380	9.8	61334.5	-1834.6	1470	9.2	62821.6	-1803.9
1201	9.5	54318.3	-1805.5	1291	7.5	55827.7	-1804.5	1381	9.3	61357.8	-1826.5	1471	9.5	62821.7	-1855.2
1202	9.7	54320.5	-1854.8	1292	9.7	55833.6	-1855.8	1382	9.2	61358.2	-1834.3	1472	9.3	62909.5	-1857.7
1203	9.6	54327.5	-1837.3	1293	9.5	55840.6	-1840.0	1383	9.8	61400.3	-1832.2	1473	9.2	62916.5	-1859.9
1204	9.0	54334.5	-1843.0	1294	9.7	55846.5	-1823.0	1384	9.4	61408.7	-1803.7	1474	8.8	62917.2	-1823.1
1205	10.	54335.4	-1840.7	1295	10.	55917.7	-1838.1	1385	9.4	61419.5	-1853.1	1475	9.1	62924.4	-1849.8
1206	8.7	54347.1	-1819.8	1296	10.	55918.5	-1835.0	1386	9.8	61426.9	-1818.2	1476	8.8	62929.8	-1811.9
1207	9.2	54404.2	-1846.7	1297	9.0	55919.8	-1820.5	1387	8.8	61426.9	-1839.3	1477	10.	62948.5	-1819.2
1208	9.4	54425.4	-1831.5	1298	9.5	55942.3	-1837.6	1388	9.0	61428.2	-1807.5	1478	8.0	63001.3	-1822.7
1209	9.5	54426.0	-1824.9	1299	9.1	55945.7	-1852.8	1389	9.2	61436.5	-1808.6	1479	9.7	63002.1	-1859.9
1210	9.8	54427.9	-1813.4	1300	9.1	55946.6	-1839.2	1390	9.0	61515.8	-1812.9	1480	6.5	63002.2	-1822.6
1211	9.0	54432.3	-1839.7	1301	8.5	55948.6	-1802.7	1391	7.8	61516.6	-1806.1	1481	8.5	63003.9	-1813.6
1212	10.	54438.8	-1816.5	1302	9.0	55948.6	-1802.1	1392	8.3	61529.0	-1822.6	1482	9.6	63009.4	-1856.5
1213	9.1	54440.9	-1846.5	1303	9.8	60006.5	-1800.2	1393	8.8	61530.1	-1801.2	1483	9.4	63009.2	-1820.9
1214	9.2	54444.3	-1812.8	1304	9.6	60048.9	-1821.6	1394	9.1	61535.5	-1857.7	1484	9.8	63016.5	-1857.6
1215	9.0	54524.1	-1847.4	1305	9.7	60054.6	-1804.0	1395	9.0	61539.4	-1848.0	1485	9.8	63026.0	-1857.4
1216	9.4	54542.3	-1847.3	1306	9.5	60107.0	-1825.4	1396	9.2	61548.5	-1857.9	1486	9.3	63053.1	-1849.3
1217	9.5	54543.2	-1809.4	1307	9.8	60112.7	-1825.4	1397	9.5	61603.4	-1837.2	1487	8.2	63053.8	-1824.9
1218	9.5	54635.9	-1818.8	1308	9.2	60114.0	-1830.8	1398	9.5	61610.2	-1807.6	1488	9.3	63115.5	-1823.7
1219	9.0	54646.6	-1804.7	1309	9.3	60128.1	-1823.2	1399	9.7	61628.6	-1825.7	1489	9.7	63121.2	-1854.3
1220	9.8	54650.7	-1832.6	1310	9.4	60200.3	-1826.0	1400	9.9	61630.7	-1835.8	1490	9.3	63128.3	-1851.0
1221	9.8	54656.6	-1811.4	1311	9.4	60201.4	-1833.5	1401	9.0	61631.7	-1847.3	1491	9.3	63128.5	-1850.3
1222	9.8	54659.5	-1800.2	1312	9.5	60210.5	-1853.1	1402	10.	61632.7	-1820.4	1492	4.9	63130.8	-1806.7
1223	9.5	54704.9	-1819.6	1313	9.8	60222.6	-1802.0	1403	8.6	61633.1	-1833.6	1493	10.	63153.4	-1805.8

1494	9.6	63203.9	-1811.4	1584	9.8	64601.4	-1829.5	1674	9.2	65918.9	-1803.1	1764	9.8	71037.0	-1857.2
1495	8.6	63213.8	-1814.2	1585	9.5	64613.5	-1801.4	1675	8.5	65920.1	-1817.7	1765	9.4	71042.1	-1853.4
1496	9.7	63225.1	-1820.3	1586	9.4	64615.5	-1854.0	1676	9.5	65921.2	-1827.8	1766	8.5	71054.9	-1800.4
1497	9.7	63232.4	-1803.5	1587	9.2	64618.9	-1828.2	1677	9.5	65922.7	-1815.4	1767	8.8	71103.9	-1827.6
1498	7.8	63240.7	-1803.6	1588	9.5	64637.7	-1816.5	1678	8.9	65922.7	-1844.1	1768	8.1	71109.7	-1832.4
1499	10.	63254.9	-1813.2	1589	9.5	64639.9	-1845.0	1679	9.1	65926.3	-1829.8	1769	9.2	71123.5	-1833.7
1500	9.3	63259.3	-1807.4	1590	8.7	64647.2	-1849.5	1680	9.0	65928.0	-1830.4	1770	9.4	71127.0	-1830.5
1501	9.5	63314.1	-1849.8	1591	6.0	64659.5	-1851.3	1681	9.0	65943.8	-1829.4	1771	9.8	71137.5	-1824.9
1502	9.4	63349.7	-1818.4	1592	9.5	64659.9	-1821.4	1682	9.4	65944.0	-1811.6	1772	9.8	71139.8	-1822.0
1503	10.	63349.8	-1807.0	1593	9.1	64700.8	-1835.1	1683	8.5	70002.9	-1854.2	1773	9.3	71149.2	-1830.7
1504	8.0	63355.6	-1858.1	1594	6.8	64701.4	-1845.0	1684	9.5	70010.7	-1819.2	1774	10.	71206.1	-1809.9
1505	9.9	63415.6	-1826.4	1595	8.2	64706.7	-1816.3	1685	10.	70023.9	-1829.5	1775	9.2	71208.4	-1858.4
1506	9.8	63428.8	-1802.4	1596	8.7	64738.9	-1822.6	1686	9.8	70033.4	-1812.6	1776	9.5	71214.9	-1857.6
1507	10.	63431.5	-1851.0	1597	9.7	64741.4	-1839.5	1687	9.0	70037.8	-1843.0	1777	9.0	71218.2	-1842.9
1508	9.5	63443.0	-1841.2	1598	9.0	64746.1	-1806.7	1688	10.	70055.4	-1803.9	1778	10.	71226.3	-1826.2
1509	9.5	63451.0	-1849.5	1599	9.2	64755.4	-1812.4	1689	9.5	70056.8	-1856.3	1779	9.7	71248.9	-1855.5
1510	9.3	63458.3	-1833.4	1600	9.1	64804.6	-1813.4	1690	9.7	70103.0	-1805.2	1780	9.0	71249.5	-1803.4
1511	9.3	63504.4	-1809.6	1601	9.4	64805.5	-1801.2	1691	10.	70120.0	-1820.8	1781	10.	71254.4	-1813.9
1512	9.4	63525.8	-1805.2	1602	9.5	64818.0	-1849.3	1692	9.5	70120.2	-1822.3	1782	9.3	71304.2	-1817.7
1513	8.5	63530.8	-1808.4	1603	9.7	64846.7	-1832.8	1693	10.	70128.9	-1851.1	1783	9.2	71306.2	-1829.5
1514	9.4	63533.1	-1858.4	1604	10.	64913.0	-1827.1	1694	8.9	70145.2	-1833.2	1784	9.5	71308.5	-1847.2
1515	9.0	63540.6	-1856.0	1605	9.8	64924.4	-1844.8	1695	9.8	70154.7	-1815.9	1785	10.	71314.9	-1802.7
1516	9.1	63557.0	-1854.4	1606	8.4	64926.7	-1816.5	1696	8.5	70157.8	-1847.7	1786	8.7	71318.3	-1825.1
1517	8.8	63559.4	-1809.3	1607	9.4	64930.1	-1855.2	1697	10.	70204.3	-1855.5	1787	9.2	71318.8	-1812.6
1518	8.8	63601.3	-1857.7	1608	9.0	64946.5	-1855.0	1698	8.0	70205.2	-1822.2	1788	9.6	71324.9	-1859.9
1519	9.1	63629.8	-1802.1	1609	9.6	64948.0	-1816.9	1699	9.6	70205.9	-1835.4	1789	9.8	71325.0	-1823.3
1520	9.4	63642.4	-1838.9	1610	9.0	65007.2	-1828.5	1700	9.8	70220.4	-1829.8	1790	9.3	71337.7	-1821.7
1521	9.3	63643.5	-1835.4	1611	9.1	65017.4	-1825.8	1701	8.5	70220.7	-1802.5	1791	9.5	71354.7	-1809.2
1522	8.8	63651.7	-1804.4	1612	9.1	65033.6	-1824.3	1702	10.	70221.6	-1828.4	1792	9.5	71412.1	-1840.5
1523	9.7	63706.2	-1825.7	1613	9.0	65053.1	-1803.2	1703	9.0	70231.2	-1817.3	1793	8.6	71413.9	-1803.1
1524	9.0	63718.8	-1802.5	1614	9.1	65101.6	-1809.5	1704	9.1	70244.3	-1808.4	1794	8.2	71420.6	-1857.6
1525	10.	63725.4	-1811.0	1615	9.1	65134.9	-1822.4	1705	7.5	70313.5	-1852.9	1795	9.1	71422.2	-1819.4
1526	9.2	63730.0	-1843.6	1616	9.7	65137.4	-1821.8	1706	9.5	70314.9	-1801.2	1796	9.8	71423.5	-1824.8
1527	9.2	63735.2	-1826.1	1617	9.8	65200.5	-1800.5	1707	9.8	70318.6	-1846.1	1797	9.8	71436.8	-1800.2
1528	8.6	63749.0	-1815.5	1618	9.1	65207.2	-1800.1	1708	9.1	70325.3	-1835.9	1798	8.5	71454.7	-1821.1
1529	9.0	63756.6	-1821.3	1619	9.1	65211.7	-1857.9	1709	9.4	70330.0	-1830.2	1799	10.	71508.4	-1802.2
1530	9.5	63809.0	-1815.3	1620	9.1	65219.5	-1829.8	1710	9.8	70339.1	-1818.9	1800	9.8	71511.3	-1831.2
1531	9.5	63816.5	-1848.2	1621	9.2	65220.0	-1834.4	1711	6.8	70346.5	-1827.2	1801	10.	71512.2	-1856.4
1532	9.5	63819.5	-1848.2	1622	9.4	65227.6	-1812.1	1712	9.8	70347.3	-1822.1	1802	8.9	71515.5	-1844.6
1533	10.	63823.4	-1812.4	1623	9.1	65239.4	-1827.0	1713	8.0	70349.2	-1819.1	1803	9.6	71517.2	-1850.6
1534	7.3	63824.1	-1854.0	1624	9.5	65242.7	-1816.0	1714	7.4	70350.9	-1857.9	1804	9.8	71532.4	-1804.3
1535	9.3	63825.3	-1857.2	1625	9.5	65259.1	-1803.8	1715	8.5	70354.5	-1810.4	1805	9.1	71533.3	-1812.4
1536	9.0	63826.3	-1805.1	1626	9.0	65305.9	-1840.2	1716	9.6	70407.7	-1805.1	1806	6.0	71550.2	-1844.4
1537	7.1	63829.1	-1825.3	1627	9.3	65316.2	-1846.2	1717	9.0	70410.0	-1837.9	1807	8.6	71559.8	-1856.2
1538	7.2	63847.3	-1807.2	1628	9.5	65340.9	-1820.4	1718	9.4	70428.6	-1854.9	1808	9.5	71604.4	-1843.7
1539	9.4	63850.5	-1852.7	1629	9.7	65341.4	-1854.0	1719	9.8	70440.9	-1831.0	1809	9.0	71609.9	-1845.3
1540	9.0	63904.1	-1854.4	1630	9.5	65342.4	-1835.0	1720	9.7	70508.5	-1828.3	1810	9.4	71613.1	-1831.0
1541	8.9	63936.2	-1822.6	1631	9.1	65347.9	-1841.9	1721	10.	70511.7	-1859.7	1811	9.5	71618.2	-1815.8
1542	8.7	63946.2	-1821.6	1632	9.8	65417.5	-1847.5	1722	9.4	70513.9	-1847.3	1812	9.4	71635.4	-1854.2
1543	9.8	63957.1	-1806.0	1633	8.6	65418.6	-1806.0	1723	9.5	70516.5	-1859.4	1813	9.4	71648.9	-1822.9
1544	9.8	64002.5	-1827.4	1634	9.4	65435.0	-1829.3	1724	8.8	70518.9	-1850.5	1814	9.3	71653.5	-1812.8
1545	9.1	64005.9	-1830.0	1635	9.4	65447.6	-1813.1	1725	9.8	70529.6	-1829.1	1815	8.8	71658.4	-1803.9
1546	8.8	64006.4	-1828.2	1636	9.1	65449.5	-1825.1	1726	8.2	70545.8	-1814.6	1816	10.	71705.7	-1821.8
1547	9.0	64009.1	-1835.4	1637	9.3	65451.1	-1805.9	1727	9.8	70549.0	-1857.5	1817	8.5	71710.7	-1838.5
1548	8.9	64011.2	-1805.7	1638	9.6	65504.1	-1850.2	1728	9.4	70602.6	-1822.5	1818	9.1	71729.1	-1819.6
1549	9.2	64015.6	-1856.6	1639	9.8	65506.1	-1807.8	1729	9.5	70610.8	-1856.5	1819	9.2	71737.7	-1845.8
1550	8.7	64035.2	-1838.5	1640	9.9	65511.4	-1851.4	1730	9.5	70629.3	-1841.7	1820	9.8	71742.8	-1800.2
1551	9.7	64038.5	-1834.4	1641	9.7	65518.2	-1811.6	1731	8.6	70644.4	-1848.9	1821	9.5	71746.5	-1810.2
1552	9.5	64051.8	-1852.0	1642	9.1	65523.1	-1834.5	1732	9.4	70710.5	-1828.3	1822	8.0	71752.6	-1803.9
1553	9.2	64108.4	-1803.8	1643	10.	65528.4	-1836.0	1733	9.1	70715.7	-1824.0	1823	9.0	71818.8	-1844.3
1554	8.7	64144.5	-1858.4	1644	9.0	65536.1	-1808.0	1734	9.4	70728.5	-1839.0	1824	9.2	71822.6	-1822.0
1555	9.4	64145.6	-1835.7	1645	9.1	65538.9	-1825.0	1735	9.0	70735.2	-1802.4	1825	7.0	71827.7	-1843.7
1556	9.1	64149.0	-1858.5	1646	10.	65606.5	-1845.5	1736	9.5	70742.4	-1833.9	1826	9.0	71841.3	-1834.0
1557	9.8	64211.5	-1858.5	1647	10.	65612.8	-1846.1	1737	9.5	70744.1	-1812.8	1827	9.5	71845.9	-1857.1
1558	9.6	64213.5	-1830.7	1648	9.1	65618.6	-1807.5	1738	9.2	70744.8	-1823.9	1828	9.5	71856.0	-1809.5
1559	9.4	64218.9	-1830.6	1649	8.8	65621.7	-1857.2	1739	9.0	70746.0	-1844.2	1829	9.3	71903.3	-1806.6
1560	10.	64237.8	-1823.6	1650	8.3	65635.6	-1807.5	1740	8.0	70748.5	-1844.2	1830	9.5	71920.4	-1809.3
1561	9.4	64244.4	-1847.6	1651	10.	65646.0	-1833.7	1741	9.3	70756.5	-1844.3	1831	7.8	71937.3	-1804.5
1562	9.0	64252.9	-1809.4	1652	9.8	65648.4	-1821.9	1742	9.4	70756.8	-1845.8	1832	9.3	71945.9	-1853.4
1563	8.6	64254.0	-1817.8	1653	9.1	65701.3	-1838.2	1743	8.2	70756.9	-1811.3	1833	9.4	71952.8	-1826.0
1564	9.0	64257.3	-1815.1	1654	10.	65704.1	-1805.5	1744	9.1	70835.4	-1811.9	1834	9.9	71955.8	-1848.3
1565	9.8	64320.4	-1851.9	1655	9.8	65711.4	-1820.7	1745	10.	70837.3	-1813.1	1835	9.7	71959.2	-1844.0
1566	9.8	64329.8	-1825.0	1656	9.0	65721.5	-1849.6	1746	9.5	70852.5	-1802.8	1836	9.9	71959.5	-1855.9
1567	9.2	64335.5	-1856.5	1657	9.7	65729.3	-1841.3	1747	9.4	70858.8	-1807.3	1837	8.5	72004.7	-1828.3
1568	9.7	64336.7	-1828.2	1658	9.7	65731.9	-1843.4	1748	9.2	70858.9	-1811.3	1838	9.5	72027.3	-1830.0
1569	10.	64343.3	-1820.7	1659	9.5	65733.2	-1828.9	1749	8.6	70916.0	-1838.4	1839	9.5	72030.9	-1847.2
1570	9.2	64347.4	-1827.3	1660	9.5	65741.3	-1852.8	1750	9.1	70918.3	-1832.8	1840	9.4	72038.8	-1848.1
1571	8.9	64359.0	-1827.2	1661	9.8	65752.0	-1826.8	1751	9.5	70923.6	-1850.0	1841	10.	72046.7	-1825.7
1572	9.5	64414.6	-1803.5	1662	9.8	65758.4	-1821.3	1752	9.4	70927.3	-1805.3	1842	10.	72047.0	-1817.0
1573	9.5	64418.2	-1845.6	1663	9.5	65759.4	-1851.2	1753	8.9	70930.4	-1834.9	1843	9.3	72048.8	-1848.3
1574	9.2	64421.3	-1815.1	1664	9.0	65805.7	-1801.2	1754	9.4	70932.7	-1834.6	1844	9.0	72049.6	-1840.5
1575	9.5	64422.6	-1808.2	1665	9.4	65808.3	-1822.0	1755	9.6	70955.2	-1854.8	1845	9.5	72106.9	-1852.3
1576	9.8	64434.7	-1811.0	1666	9.5	65813.3	-1822.2	1756	9.7	70958.3	-1802.6	1846	7.6	72109.9	-1812.2
1577	8.7	64443.3	-1816.2	1667	8.6	65824.2	-1856.1	1757	9.8	71006.1	-1826.0	1847	8.5	72112.3	-1812.2
1578	7.5	64447.4	-1850.5	1668	9.4	65824.4	-1846.0	1758	8.9	71006.3	-1857.7	1848	10.	72112.3	-1825.5
1579	9.8	64509.5	-1831.2	1669	9.5	65834.5	-1858.1	1759	10.	71006.7	-1807.1	1849	9.5	72133.3	-1835.9
1580	9.8	64518.8	-1808.2	1670	9.8	65845.2	-1815.9	1760	9.2	71010.3	-1812.5	1850	9.8	72135.2	-1820.6
1581	10.	64531.8	-1817.0	1671	9.8	65846.9	-1810.8	1761	9.4	71016.3	-1803.1	1851	7.5	72142.3	-1849.8
1582	9.0	64542.7	-1828.3	1672	9.7	65902.0	-1828.7	1762	9.5	71025.9	-1834.8	1852	10.	72157.4	-1825.8
1583	9.8	64545.6	-1803.2	1673	9.1	65909.4	-1856.1	1763	9.3	71036.4	-1812.2	1853	9.1	72158.3	-1833.9

-18 1854 7h22m

-18 2213 8h05m

1854	9.4	72205.0	-1810.3	1944	9.5	73237.3	-1839.2	2034	9.8	74241.8	-1805.0	2124	9.4	75402.4	-1801.5
1855	9.3	72223.0	-1835.9	1945	9.4	73237.9	-1828.7	2035	9.5	74251.2	-1858.4	2125	9.6	75404.5	-1856.5
1856	9.1	72232.7	-1829.7	1946	7.3	73241.0	-1820.9	2036	9.4	74252.0	-1847.4	2126	9.6	75434.9	-1834.7
1857	9.1	72236.4	-1810.9	1947	9.1	73258.6	-1827.0	2037	9.2	74303.1	-1828.8	2127	8.7	75437.7	-1843.9
1858	7.2	72241.1	-1835.4	1948	9.5	73259.1	-1829.0	2038	9.5	74305.0	-1846.7	2128	9.5	75441.2	-1800.6
1859	9.2	72246.0	-1835.2	1949	9.3	73302.0	-1841.5	2039	10.	74313.5	-1803.0	2129	9.4	75442.5	-1848.0
1860	9.8	72252.3	-1803.5	1950	9.3	73306.0	-1840.1	2040	8.5	74319.3	-1838.4	2130	7.8	75505.4	-1814.7
1861	10.	72255.8	-1829.0	1951	9.5	73330.3	-1856.6	2041	8.7	74322.2	-1834.2	2131	9.4	75515.0	-1834.4
1862	9.3	72307.5	-1812.9	1952	9.0	73333.5	-1843.7	2042	9.7	74324.3	-1813.1	2132	9.4	75517.6	-1838.1
1863	9.0	72309.4	-1809.9	1953	9.8	73337.6	-1842.8	2043	9.3	74335.6	-1843.1	2133	9.7	75524.9	-1836.5
1864	9.2	72313.1	-1856.3	1954	9.8	73342.3	-1812.2	2044	9.1	74340.2	-1814.8	2134	8.9	75527.0	-1806.4
1865	9.8	72318.3	-1807.6	1955	9.3	73347.9	-1819.9	2045	9.1	74345.0	-1803.0	2135	9.1	75537.4	-1816.4
1866	9.7	72346.8	-1833.6	1956	9.8	73352.2	-1806.1	2046	9.4	74345.6	-1851.4	2136	9.5	75554.2	-1834.4
1867	8.3	72352.4	-1808.0	1957	8.8	73352.5	-1812.8	2047	10.	74404.1	-1832.7	2137	9.7	75557.2	-1837.0
1868	10.	72404.5	-1859.5	1958	8.4	73355.8	-1829.8	2048	9.4	74407.3	-1839.3	2138	9.5	75604.2	-1801.7
1869	9.9	72405.2	-1855.8	1959	9.5	73407.7	-1855.7	2049	8.2	74410.2	-1834.6	2139	9.4	75607.2	-1842.8
1870	10.	72414.4	-1814.0	1960	9.8	73413.1	-1846.7	2050	10.	74419.4	-1811.1	2140	9.7	75619.4	-1831.1
1871	9.4	72415.6	-1828.2	1961	9.5	73420.5	-1823.5	2051	8.9	74423.5	-1832.4	2141	9.8	75622.1	-1818.4
1872	9.4	72429.9	-1827.5	1962	9.8	73424.0	-1809.8	2052	9.5	74433.5	-1850.7	2142	9.8	75624.1	-1818.4
1873	9.0	72434.5	-1838.1	1963	9.5	73428.8	-1817.6	2053	9.4	74448.4	-1816.4	2143	9.4	75628.1	-1856.3
1874	9.8	72437.9	-1852.0	1964	9.4	73435.2	-1811.8	2054	9.7	74453.4	-1818.6	2144	9.7	75628.3	-1810.4
1875	9.6	72438.9	-1859.1	1965	8.7	73447.7	-1851.6	2055	9.5	74502.3	-1838.0	2145	9.5	75640.0	-1821.2
1876	9.8	72439.9	-1816.1	1966	9.8	73448.3	-1815.4	2056	9.0	74506.1	-1858.1	2146	9.6	75645.7	-1825.7
1877	9.7	72441.3	-1824.2	1967	8.5	73448.8	-1839.3	2057	9.0	74516.6	-1857.8	2147	8.3	75649.2	-1810.8
1878	9.3	72443.4	-1830.7	1968	9.0	73459.1	-1849.5	2058	9.5	74523.5	-1847.5	2148	9.7	75655.5	-1810.8
1879	9.5	72448.7	-1821.2	1969	9.0	73527.1	-1803.5	2059	9.4	74530.8	-1831.4	2149	9.4	75710.5	-1835.5
1880	9.3	72453.0	-1856.9	1970	9.8	73528.6	-1846.9	2060	9.7	74531.7	-1830.2	2150	9.5	75713.1	-1827.5
1881	9.5	72455.9	-1809.8	1971	9.4	73532.4	-1823.7	2061	8.8	74532.9	-1845.4	2151	9.0	75724.2	-1852.2
1882	9.0	72458.3	-1852.4	1972	9.8	73541.4	-1834.9	2062	10.	74543.6	-1814.0	2152	9.5	75727.3	-1800.0
1883	9.5	72506.6	-1815.9	1973	9.8	73542.9	-1835.3	2063	9.8	74557.9	-1850.9	2153	9.3	75736.0	-1834.4
1884	9.1	72515.0	-1856.0	1974	8.7	73543.6	-1853.5	2064	9.3	74559.7	-1822.0	2154	8.7	75738.6	-1857.7
1885	9.4	72518.4	-1824.3	1975	9.5	73545.5	-1842.3	2065	9.4	74609.3	-1813.1	2155	8.0	75802.8	-1834.3
1886	9.2	72526.0	-1838.5	1976	7.8	73555.3	-1845.9	2066	9.8	74636.0	-1850.1	2156	9.8	75803.1	-1801.0
1887	9.4	72526.2	-1815.8	1977	9.5	73557.1	-1805.0	2067	9.7	74636.1	-1844.0	2157	9.6	75804.5	-1820.2
1888	9.8	72534.1	-1835.7	1978	9.8	73557.4	-1818.2	2068	9.7	74643.2	-1818.5	2158	10.	75829.7	-1811.6
1889	9.5	72535.2	-1824.7	1979	9.8	73607.4	-1806.5	2069	9.5	74644.2	-1809.6	2159	8.7	75845.9	-1859.2
1890	9.8	72539.0	-1815.3	1980	10.	73607.9	-1803.1	2070	10.	74653.0	-1801.7	2160	9.3	75848.0	-1821.7
1891	9.3	72546.3	-1805.4	1981	9.1	73623.1	-1803.8	2071	10.	74714.1	-1813.9	2161	9.1	75853.8	-1815.0
1892	9.8	72550.0	-1859.3	1982	9.0	73624.6	-1819.9	2072	9.1	74715.3	-1833.2	2162	8.8	75854.6	-1800.4
1893	7.7	72550.9	-1812.3	1983	9.3	73625.2	-1808.5	2073	10.	74723.6	-1817.5	2163	9.3	75859.9	-1814.1
1894	9.2	72557.5	-1834.6	1984	9.2	73634.0	-1835.9	2074	10.	74802.3	-1800.4	2164	9.8	75912.2	-1802.9
1895	9.0	72601.4	-1825.9	1985	9.5	73640.9	-1827.3	2075	9.1	74804.9	-1845.9	2165	9.1	75923.0	-1854.7
1896	9.3	72607.2	-1852.6	1986	9.7	73653.6	-1821.6	2076	9.8	74823.4	-1806.0	2166	9.5	75937.6	-1835.8
1897	8.8	72608.8	-1852.1	1987	9.5	73655.4	-1801.7	2077	9.2	74827.9	-1837.4	2167	9.0	75939.5	-1839.0
1898	9.5	72611.5	-1854.3	1988	9.8	73704.3	-1819.0	2078	9.2	74833.3	-1834.1	2168	9.8	75941.0	-1801.8
1899	9.5	72615.3	-1843.7	1989	8.8	73725.3	-1835.0	2079	9.8	74842.2	-1851.5	2169	9.5	75945.0	-1819.2
1900	10.	72623.6	-1829.7	1990	10.	73726.1	-1829.9	2080	9.7	74851.8	-1856.1	2170	9.5	75947.4	-1816.7
1901	8.7	72624.4	-1812.6	1991	9.5	73727.2	-1858.6	2081	9.8	74858.3	-1800.7	2171	10.	75955.9	-1858.8
1902	9.7	72644.2	-1856.9	1992	10.	73727.4	-1834.8	2082	7.2	74902.2	-1839.8	2172	9.4	80003.0	-1822.1
1903	10.	72653.2	-1815.3	1993	9.0	73731.3	-1815.2	2083	9.6	74904.9	-1849.1	2173	9.1	80024.1	-1842.3
1904	9.8	72653.6	-1834.8	1994	9.5	73733.0	-1826.0	2084	9.3	74906.9	-1829.8	2174	9.3	80025.1	-1858.2
1905	9.0	72710.7	-1846.7	1995	10.	73745.6	-1848.4	2085	8.7	74909.8	-1842.9	2175	9.8	80037.7	-1826.8
1906	9.2	72711.6	-1853.7	1996	9.5	73748.6	-1848.4	2086	9.5	74915.3	-1837.7	2176	9.4	80039.6	-1831.6
1907	9.2	72714.7	-1817.6	1997	9.5	73752.0	-1813.0	2087	9.4	74925.9	-1802.7	2177	9.8	80050.0	-1827.2
1908	9.4	72720.6	-1845.2	1998	9.8	73803.6	-1851.8	2088	9.8	74931.6	-1833.5	2178	10.	80056.7	-1808.3
1909	10.	72728.6	-1808.7	1999	9.0	73807.7	-1854.9	2089	9.5	74945.6	-1848.1	2179	10.	80102.2	-1800.7
1910	9.8	72731.8	-1840.6	2000	9.5	73823.9	-1822.5	2090	9.1	74958.2	-1838.8	2180	9.1	80112.1	-1845.7
1911	10.	72732.9	-1807.1	2001	9.3	73836.7	-1859.0	2091	10.	75001.0	-1812.9	2181	8.7	80118.8	-1844.8
1912	9.3	72742.1	-1812.0	2002	9.3	73837.1	-1807.5	2092	9.3	75007.9	-1830.3	2182	9.5	80122.5	-1857.6
1913	9.8	72756.7	-1815.4	2003	8.8	73851.1	-1821.0	2093	8.7	75013.9	-1831.0	2183	9.1	80123.0	-1839.9
1914	9.6	72759.9	-1818.8	2004	9.0	73858.5	-1842.2	2094	10.	75018.2	-1817.6	2184	9.1	80124.9	-1848.4
1915	9.3	72820.5	-1808.2	2005	9.9	73908.2	-1858.3	2095	9.2	75022.1	-1821.0	2185	9.5	80131.1	-1804.0
1916	9.8	72821.0	-1818.3	2006	8.5	73915.3	-1805.0	2096	9.5	75035.5	-1857.9	2186	9.0	80203.3	-1853.3
1917	9.4	72827.7	-1832.1	2007	9.3	73918.7	-1859.6	2097	9.5	75036.1	-1845.8	2187	9.8	80217.1	-1850.3
1918	9.0	72829.6	-1840.0	2008	8.2	73930.9	-1833.0	2098	10.	75041.6	-1803.6	2188	9.4	80221.0	-1818.1
1919	9.5	72832.4	-1857.5	2009	9.0	73931.6	-1848.7	2099	9.1	75043.7	-1859.9	2189	9.3	80224.8	-1835.4
1920	9.4	72849.0	-1829.0	2010	10.	73945.0	-1847.8	2100	9.5	75051.0	-1820.6	2190	4.5	80233.1	-1849.3
1921	8.7	72850.7	-1835.1	2011	9.8	73954.7	-1857.0	2101	9.7	75053.5	-1829.8	2191	9.1	80236.2	-1826.1
1922	9.1	72921.3	-1814.5	2012	9.5	73954.8	-1824.6	2102	9.5	75110.0	-1856.0	2192	9.8	80243.0	-1827.9
1923	9.3	72922.7	-1831.8	2013	9.0	73955.1	-1808.6	2103	8.3	75112.3	-1845.2	2193	9.5	80259.7	-1852.0
1924	9.8	72929.7	-1859.0	2014	9.8	73958.2	-1811.0	2104	10.	75120.1	-1821.5	2194	9.4	80305.4	-1823.4
1925	8.0	72932.0	-1851.5	2015	9.5	74004.4	-1824.0	2105	9.8	75120.9	-1831.8	2195	10.	80314.4	-1822.5
1926	9.0	73005.9	-1828.7	2016	9.8	74008.1	-1849.5	2106	9.7	75123.7	-1816.4	2196	9.5	80331.9	-1836.6
1927	9.5	73022.5	-1839.8	2017	8.9	74017.7	-1855.8	2107	10.	75126.1	-1808.3	2197	9.3	80343.6	-1848.3
1928	8.7	73023.6	-1838.0	2018	9.2	74034.0	-1850.0	2108	8.2	75133.9	-1852.8	2198	9.3	80353.4	-1820.8
1929	9.1	73028.1	-1828.3	2019	9.3	74036.5	-1830.0	2109	9.2	75158.3	-1842.7	2199	9.3	80356.5	-1837.0
1930	9.2	73050.0	-1805.2	2020	10.	74124.4	-1808.4	2110	8.5	75209.2	-1816.4	2200	9.3	80357.8	-1845.8
1931	9.1	73052.8	-1829.6	2021	9.3	74127.5	-1823.0	2111	10.	75209.4	-1807.5	2201	9.7	80412.3	-1827.9
1932	8.6	73056.8	-1808.4	2022	9.9	74139.2	-1826.5	2112	9.2	75224.2	-1842.5	2202	9.5	80416.2	-1840.5
1933	9.5	73109.3	-1853.8	2023	8.5	74141.7	-1858.5	2113	9.2	75228.0	-1803.1	2203	9.7	80418.2	-1825.3
1934	9.5	73116.6	-1801.9	2024	9.3	74145.2	-1831.6	2114	9.2	75238.9	-1856.8	2204	9.8	80418.6	-1819.5
1935	9.8	73122.4	-1815.5	2025	9.3	74157.1	-1809.2	2115	9.6	75258.4	-1809.2	2205	9.6	80428.6	-1825.6
1936	9.3	73126.0	-1817.7	2026	9.0	74200.7	-1856.2	2116	9.3	75304.8	-1819.5	2206	7.6	80434.0	-1832.8
1937	9.5	73138.6	-1824.0	2027	9.5	74203.7	-1853.2	2117	9.5	75319.0	-1818.1	2207	9.4	80452.9	-1837.7
1938	10.	73139.4	-1803.6	2028	9.3	74204.2	-1858.3	2118	5.3	75321.9	-1800.2	2208	10.	80456.1	-1806.4
1939	10.	73155.9	-1829.8	2029	7.7	74218.0	-1849.2	2119	9.4	75324.5	-1812.7	2209	10.	80512.1	-1806.8
1940	10.	73201.6	-1827.7	2030	9.4	74222.4	-1838.7	2120	9.9	75345.8	-1802.6	2210	9.8	80528.1	-1806.1
1941	9.1	73202.4	-1810.9	2031	9.5	74227.9	-1800.8	2121	10.	75357.2	-1830.7	2211	9.5	80531.7	-1855.2
1942	10.	73204.1	-1829.9	2032	9.5	74236.0	-1844.4	2122	9.8	75357.7	-1807.3	2212	9.4	80532.4	-1819.5
1943	9.3	73211.7	-1844.8	2033	10.	74236.3	-1820.9	2123	10.	75400.3	-1804.6	2213	9.4	80537.2	-1855.9

-18 2214 8h05m

-18 2573 8h59m

2214	9.6	80541.8	-1832.2	2304	9.5	81552.7	-1812.6	2394	9.1	82714.9	-1817.0	2484	9.3	84114.4	-1828.5
2215	9.8	80544.5	-1800.0	2305	9.6	81556.3	-1810.9	2395	9.8	82725.0	-1801.8	2485	9.4	84131.2	-1832 7
2216	8.8	80557.7	-1856.1	2306	9.1	81602.8	-1847.7	2396	10.	82726.5	-1809.0	2486	9.8	84136.7	-1823.3
2217	9.3	80609.1	-1809.5	2307	9.5	81624.8	-1808.0	2397	8.8	82808.3	-1828.4	2487	8.0	84143.8	-1829.9
2218	9.5	80610.0	-1852.7	2308	9.0	81631.2	-1815.4	2398	9.1	82809.9	-1818.3	2488	8.9	84159.2	-1852.2
2219	9.4	80614.4	-1859.3	2309	8.6	81643.2	-1814.4	2399	9.0	82810.7	-1819.1	2489	9.1	84220.1	-1814.0
2220	9.8	80621.3	-1824.9	2310	8.2	81646.5	-1829.3	2400	9.0	82813.4	-1815.2	2490	9.2	84226.3	-1802.4
2221	9.1	80623.3	-1847.9	2311	9.1	81653.2	-1819.1	2401	9.0	82822.9	-1816.5	2491	9.5	84250.4	-1802.9
2222	9.3	80627.7	-1851.3	2312	9.1	81701.9	-1838.5	2402	9.3	82824.7	-1827.6	2492	9.0	84255.8	-1819.0
2223	9.5	80628.8	-1858.1	2313	8.8	81705.3	-1851.7	2403	10.	82841.4	-1855.7	2493	9.2	84304.7	-1822.5
2224	9.2	80630.5	-1839.1	2314	9.8	81712.4	-1831.2	2404	7.8	82845.7	-1832.2	2494	9.8	84305.4	-1804.2
2225	10.	80639.0	-1834.6	2315	9.7	81713.7	-1814.5	2405	9.4	82900.9	-1802.9	2495	8.5	84312.9	-1841.8
2226	9.3	80641.9	-1848.7	2316	9.2	81721.6	-1833.7	2406	9.0	82910.0	-1834.3	2496	9.5	84316.8	-1851.8
2227	9.4	80645.8	-1820.8	2317	9.1	81722.3	-1806.4	2407	10.	82914.4	-1826.6	2497	8.8	84318.9	-1840.7
2228	8.9	80650.1	-1835.0	2318	9.1	81724.7	-1808.4	2408	9.0	82921.4	-1816.1	2498	9.6	84321.3	-1847.2
2229	8.2	80701.8	-1825.5	2319	7.2	81738.2	-1839.9	2409	9.1	82930.0	-1813.8	2499	9.4	84334.4	-1844.2
2230	9.5	80704.9	-1800.7	2320	9.2	81749.8	-1835.6	2410	9.7	82941.4	-1815.1	2500	9.2	84341.8	-1816.1
2231	9.5	80715.5	-1846.4	2321	9.2	81807.7	-1803.0	2411	9.5	82941.5	-1846.9	2501	9.5	84349.2	-1829.3
2232	9.5	80730.0	-1808.9	2322	10.	81808.4	-1823.4	2412	9.5	83001.4	-1816.0	2502	9.8	84434.2	-1819.9
2233	8.9	80730.9	-1832.8	2323	9.5	81823.9	-1836.2	2413	9.5	83003.5	-1804.2	2503	9.5	84449.3	-1803.4
2234	9.5	80739.0	-1813.5	2324	8.5	81825.2	-1816.8	2414	9.8	83008.8	-1825.5	2504	9.4	84510.4	-1837.0
2235	9.5	80739.8	-1832.1	2325	9.8	81844.6	-1816.8	2415	9.4	83011.7	-1833.3	2505	9.3	84514.2	-1814.3
2236	10.	80811.5	-1809.6	2326	9.6	81850.0	-1853.8	2416	6.8	83022.5	-1810.8	2506	7.3	84539.5	-1804.4
2237	9.5	80813.8	-1821.8	2327	9.5	81858.5	-1848.3	2417	9.3	83034.9	-1853.3	2507	8.7	84548.1	-1858.5
2238	9.1	80819.6	-1834.7	2328	9.4	81902.9	-1824.9	2418	9.8	83036.3	-1825.0	2508	10.	84559.2	-1803.5
2239	9.1	80827.5	-1804.6	2329	9.4	81904.8	-1834.7	2419	9.1	83049.5	-1841.9	2509	9.5	84606.3	-1848.3
2240	9.0	80836.2	-1856.9	2330	9.3	81904.9	-1830.3	2420	9.7	83055.1	-1833.8	2510	9.5	84628.2	-1853.9
2241	9.7	80902.6	-1833.6	2331	8.5	81919.3	-1841.5	2421	9.8	83110.9	-1854.3	2511	9.3	84629.2	-1806.1
2242	8.7	80910.2	-1827.0	2332	9.8	81922.5	-1833.0	2422	9.8	83127.3	-1817.5	2512	9.5	84725.8	-1837.0
2243	7.5	80931.1	-1858.1	2333	9.1	81928.7	-1851.1	2423	9.8	83200.3	-1804.5	2513	9.4	84733.6	-1854.4
2244	9.3	80936.9	-1844.9	2334	9.1	81937.7	-1807.4	2424	9.4	83210.6	-1837.1	2514	9.5	84741.6	-1810.2
2245	9.3	80938.2	-1818.0	2335	9.4	81951.1	-1856.2	2425	9.1	83221.8	-1812.4	2515	8.0	84742.1	-1813.9
2246	9.6	80958.4	-1820.9	2336	9.8	81955.8	-1806.2	2426	9.5	83222.4	-1850.4	2516	9.0	84819.2	-1843.9
2247	9.1	80959.6	-1832.6	2337	9.1	82000.2	-1850.6	2427	9.6	83225.1	-1826.0	2517	7.8	84822.6	-1815.7
2248	9.0	81002.5	-1807.9	2338	9.1	82001.7	-1819.1	2428	9.4	83245.4	-1801.6	2518	9.3	84830.6	-1856.1
2249	10.	81003.6	-1819.5	2339	9.5	82001.8	-1845.4	2429	8.5	83252.3	-1821.1	2519	9.8	84834.7	-1841.3
2250	9.8	81005.5	-1847.5	2340	8.0	82011.6	-1822.7	2430	9.7	83300.5	-1832.9	2520	8.9	84852.5	-1826.6
2251	8.7	81021.9	-1843.1	2341	9.1	82011.8	-1841.7	2431	9.8	83315.8	-1817.7	2521	9.4	84905.8	-1840.5
2252	9.3	81023.0	-1847.9	2342	8.8	82017.4	-1815.7	2432	9.3	83324.4	-1852.5	2522	9.8	84928.3	-1819.5
2253	9.5	81044.1	-1824.4	2343	9.5	82017.7	-1858.6	2433	10.	83327.6	-1822.4	2523	9.5	84932.3	-1835.6
2254	9.5	81055.8	-1824.4	2344	8.9	82023.2	-1829.4	2434	9.3	83328.9	-1854.3	2524	9.5	84933.2	-1848.8
2255	9.3	81057.9	-1833.4	2345	9.1	82034.3	-1843.8	2435	9.0	83332.8	-1806.4	2525	9.1	84952.6	-1856.8
2256	8.8	81101.2	-1820.4	2346	9.8	82039.1	-1820.8	2436	9.0	83351.9	-1847.2	2526	9.8	84956.9	-1812.5
2257	8.0	81104.0	-1830.8	2347	9.6	82044.8	-1858.7	2437	8.5	83355.8	-1856.4	2527	8.2	85008.0	-1854.8
2258	10.	81104.6	-1811.2	2348	9.5	82116.1	-1812.1	2438	8.4	83357.7	-1840.9	2528	8.3	85059.8	-1834.9
2259	9.8	81108.4	-1827.5	2349	9.5	82120.6	-1808.4	2439	9.4	83358.5	-1843.3	2529	9.3	85109.7	-1834.1
2260	9.1	81110.2	-1840.4	2350	9.6	82126.1	-1828.1	2440	9.0	83412.1	-1804.2	2530	7.0	85112.2	-1819.5
2261	8.7	81118.0	-1812.0	2351	9.8	82126.4	-1830.9	2441	9.6	83421.5	-1822.5	2531	9.2	85119.5	-1846.0
2262	9.8	81120.5	-1855.5	2352	9.4	82128.6	-1813.4	2442	9.4	83427.2	-1830.3	2532	9.2	85131.2	-1835.7
2263	9.6	81128.8	-1828.0	2353	9.4	82144.1	-1857.5	2443	9.5	83433.4	-1801.0	2533	9.5	85221.9	-1802.6
2264	9.5	81131.7	-1820.3	2354	9.0	82154.1	-1857.8	2444	9.1	83442.0	-1835.7	2534	9.6	85237.6	-1825.6
2265	9.4	81136.0	-1823.0	2355	9.4	82201.7	-1840.0	2445	9.0	83445.5	-1839.5	2535	9.8	85259.8	-1810.0
2266	9.5	81145.4	-1851.4	2356	9.4	82203.2	-1801.4	2446	8.0	83448.3	-1856.5	2536	6.0	85302.4	-1838.3
2267	9.4	81148.3	-1848.9	2357	9.5	82211.6	-1854.5	2447	9.4	83504.4	-1812.6	2537	9.8	85309.5	-1831.0
2268	9.4	81156.8	-1820.0	2358	10.	82214.2	-1822.7	2448	9.8	83509.3	-1808.4	2538	9.6	85310.2	-1840.3
2269	9.6	81206.0	-1837.8	2359	10.	82219.4	-1805.3	2449	9.8	83536.6	-1841.4	2539	9.8	85316.7	-1858.5
2270	9.2	81207.9	-1851.0	2360	9.4	82219.8	-1807.3	2450	9.8	83600.7	-1807.6	2540	9.7	85318.9	-1852.4
2271	9.2	81209.4	-1834.2	2361	9.8	82236.6	-1858.7	2451	9.3	83603.9	-1853.5	2541	10.	85325.1	-1813.1
2272	9.9	81213.2	-1824.7	2362	9.0	82240.6	-1819.4	2452	9.4	83616.3	-1805.8	2542	8.9	85349.8	-1843.5
2273	10.	81213.8	-1815.0	2363	9.8	82257.0	-1829.9	2453	9.5	83622.2	-1820.3	2543	9.1	85352.6	-1859.3
2274	10.	81217.1	-1807.9	2364	7.5	82257.1	-1816.5	2454	9.8	83629.8	-1808.7	2544	9.8	85405.2	-1810.9
2275	9.5	81231.8	-1857.0	2365	9.8	82307.6	-1814.0	2455	9.3	83712.3	-1828.2	2545	9.1	85422.6	-1830.1
2276	9.3	81237.3	-1836.2	2366	9.4	82308.7	-1843.9	2456	9.3	83714.1	-1825.8	2546	7.0	85431.3	-1846.4
2277	8.0	81243.4	-1800.6	2367	9.5	82317.5	-1855.0	2457	9.2	83718.4	-1842.9	2547	9.5	85452.0	-1811.0
2278	9.6	81246.7	-1831.0	2368	9.5	82319.7	-1836.9	2458	9.3	83719.3	-1844.1	2548	9.4	85453.4	-1835.8
2279	9.6	81251.4	-1826.1	2369	9.4	82333.8	-1822.7	2459	9.5	83726.3	-1802.9	2549	9.8	85506.5	-1824.5
2280	9.8	81301.9	-1847.9	2370	8.8	82351.0	-1856.8	2460	9.8	83736.7	-1827.2	2550	9.5	85507.7	-1800.2
2281	9.6	81303.3	-1819.7	2371	9.3	82355.1	-1810.2	2461	9.6	83746.6	-1821.9	2551	10.	85517.8	-1826.0
2282	9.5	81305.9	-1842.3	2372	9.1	82356.6	-1846.5	2462	8.7	83751.2	-1833.2	2552	9.8	85533.9	-1801.7
2283	9.5	81335.2	-1825.7	2373	8.7	82411.1	-1852.6	2463	9.5	83805.7	-1825.6	2553	9.2	85605.4	-1817.4
2284	9.3	81353.3	-1855.8	2374	9.3	82421.5	-1835.0	2464	9.1	83834.4	-1845.7	2554	9.1	85606.1	-1821.0
2285	10.	81407.3	-1807.5	2375	9.7	82423.1	-1833.4	2465	9.8	83840.6	-1822.8	2555	8.8	85633.3	-1815.5
2286	9.5	81408.8	-1815.4	2376	9.2	82430.1	-1834.0	2466	9.0	83848.8	-1800.3	2556	9.2	85634.4	-1810.7
2287	8.5	81415.8	-1849.2	2377	9.0	82441.9	-1803.1	2467	9.4	83854.0	-1826.3	2557	9.1	85636.7	-1849.3
2288	9.4	81417.7	-1859.0	2378	9.0	82443.1	-1800.4	2468	9.8	83920.9	-1819.5	2558	9.0	85647.9	-1813.8
2289	9.9	81422.0	-1825.9	2379	8.0	82443.8	-1818.5	2469	9.6	83926.4	-1843.0	2559	10.	85710.8	-1815.9
2290	8.8	81427.3	-1848.0	2380	9.4	82450.0	-1809.5	2470	8.0	83938.8	-1837.9	2560	10.	85720.9	-1825.0
2291	8.8	81427.4	-1827.9	2381	9.5	82510.0	-1807.3	2471	9.4	83940.2	-1848.7	2561	9.8	85725.4	-1828.6
2292	9.0	81428.4	-1837.5	2382	9.0	82536.6	-1842.4	2472	9.3	83944.7	-1803.2	2562	9.8	85726.0	-1835.0
2293	9.1	81440.2	-1856.2	2383	9.4	82539.2	-1839.0	2473	9.4	84006.8	-1819.5	2563	9.5	85749.1	-1856.6
2294	9.4	81445.3	-1855.8	2384	9.4	82546.4	-1820.5	2474	6.2	84008.6	-1813.7	2564	9.6	85756.8	-1812.4
2295	9.8	81448.7	-1825.3	2385	9.5	82555.0	-1851.1	2475	9.4	84010.8	-1844.7	2565	8.5	85819.2	-1844.7
2296	9.9	81449.5	-1827.5	2386	9.5	82556.2	-1831.5	2476	9.8	84020.7	-1809.3	2566	9.0	85834.1	-1853.0
2297	9.0	81452.0	-1855.7	2387	9.4	82556.6	-1827.4	2477	9.1	84030.2	-1818.0	2567	9.6	85901.3	-1809.0
2298	9.4	81511.8	-1851.1	2388	9.0	82606.5	-1805.0	2478	8.3	84040.6	-1817.9	2568	9.4	85914.3	-1839.1
2299	9.3	81513.7	-1817.8	2389	9.5	82609.0	-1856.2	2479	9.7	84051.1	-1816.6	2569	9.5	85921.4	-1838.7
2300	9.2	81516.2	-1822.0	2390	9.3	82610.4	-1831.4	2480	9.4	84057.4	-1807.2	2570	8.5	85928.2	-1845.2
2301	9.3	81529.8	-1848.8	2391	9.0	82621.2	-1836.1	2481	8.6	84057.7	-1810.6	2571	9.5	85929.1	-1837.1
2302	9.0	81547.0	-1825.0	2392	9.8	82634.1	-1838.4	2482	9.8	84058.0	-1825.9	2572	9.8	85942.5	-1808.3
2303	9.6	81550.3	-1813.7	2393	9.0	82644.4	-1821.2	2483	9.4	84111.1	-1857.7	2573	8.6	85949.3	-1842.2

-18 2574 9h00m

-18 2933 10h19m

2574	9.3	90006.8	-1838.9	2664	9.0	91709.1	-1842.6	2754	10.	93345.6	-1836.4	2844	8.3	95945.4	-1836.1
2575	9.5	90016.7	-1820.0	2665	9.1	91716.2	-1827.2	2755	10.	93349.1	-1832.8	2845	9.7	95959.8	-1857.2
2576	9.5	90017.2	-1816.4	2666	9.5	91730.0	-1823.0	2756	10.	93349.6	-1845.5	2846	9.4	100021.0	-1832.2
2577	9.6	90055.0	-1854.0	2667	9.8	91730.5	-1814.4	2757	10.	93350.5	-1824.2	2847	9.6	100022.1	-1820.6
2578	9.0	90056.5	-1807.5	2668	9.0	91756.6	-1858.0	2758	9.9	93445.8	-1811.0	2848	8.0	100114.3	-1851.3
2579	9.7	90119.6	-1809.8	2669	10.	91808.7	-1857.3	2759	9.3	93511.9	-1822.7	2849	9.8	100123.0	-1806.0
2580	9.7	90122.4	-1830.1	2670	9.4	91813.4	-1833.6	2760	9.0	93535.6	-1807.0	2850	10.	100124.2	-1815.6
2581	9.7	90124.0	-1833.4	2671	9.5	91856.6	-1840.7	2761	9.6	93542.1	-1808.2	2851	9.0	100133.1	-1802.9
2582	9.8	90150.3	-1805.8	2672	9.4	91859.1	-1840.5	2762	9.1	93547.4	-1847.8	2852	9.8	100226.9	-1825.5
2583	8.9	90155.0	-1852.9	2673	9.4	91910.5	-1803.3	2763	9.5	93601.3	-1852.2	2853	8.3	100303.7	-1808.9
2584	9.1	90214.2	-1816.7	2674	9.1	91926.6	-1816.1	2764	9.0	93618.3	-1851.8	2854	10.	100327.5	-1837.2
2585	9.1	90224.7	-1827.1	2675	9.4	91929.8	-1859.6	2765	9.9	93648.7	-1859.3	2855	9.2	100348.1	-1814.5
2586	8.0	90227.1	-1850.3	2676	10.	91952.5	-1836.6	2766	9.8	93716.8	-1846.0	2856	9.0	100348.9	-1800.1
2587	9.0	90238.7	-1807.5	2677	9.5	91953.6	-1811.2	2767	8.5	93717.7	-1852.0	2857	9.5	100352.8	-1846.9
2588	9.6	90241.4	-1834.5	2678	7.1	92004.7	-1831.5	2768	9.5	93731.1	-1829.1	2858	10.	100406.6	-1811.5
2589	9.9	90251.6	-1830.1	2679	9.1	92007.0	-1817.0	2769	9.8	93749.9	-1821.8	2859	9.8	100407.4	-1829.7
2590	9.4	90252.1	-1808.5	2680	9.4	92034.9	-1804.5	2770	7.8	93801.3	-1847.2	2860	9.0	100411.0	-1839.5
2591	9.8	90258.6	-1816.7	2681	9.0	92039.7	-1830.8	2771	8.3	93852.2	-1855.0	2861	7.0	100424.7	-1814.5
2592	8.7	90303.7	-1827.4	2682	9.7	92040.5	-1822.5	2772	8.0	93859.0	-1802.1	2862	9.3	100433.1	-1809.1
2593	10.	90308.2	-1813.4	2683	9.8	92046.3	-1850.1	2773	9.8	93916.4	-1828.5	2863	9.2	100440.4	-1824.5
2594	9.2	90309.1	-1856.9	2684	9.8	92117.2	-1842.5	2774	9.5	93923.9	-1817.2	2864	9.7	100509.4	-1832.9
2595	9.5	90310.2	-1812.0	2685	9.8	92122.3	-1829.9	2775	10.	93944.5	-1806.4	2865	9.8	100518.1	-1856.8
2596	8.7	90311.0	-1803.5	2686	9.3	92132.4	-1821.9	2776	9.3	93952.8	-1821.1	2866	8.2	100522.7	-1850.4
2597	9.1	90339.0	-1844.9	2687	8.5	92150.3	-1857.2	2777	9.5	93958.2	-1800.2	2867	9.4	100528.6	-1831.5
2598	9.8	90355.5	-1815.4	2688	10.	92156.3	-1805.4	2778	9.5	94018.1	-1838.0	2868	9.3	100534.5	-1859.8
2599	9.6	90402.1	-1839.9	2689	9.7	92226.4	-1801.8	2779	9.4	94018.7	-1856.3	2869	9.0	100541.9	-1839.0
2600	9.5	90402.8	-1844.1	2690	8.5	92257.3	-1830.9	2780	10.	94029.7	-1831.5	2870	6.8	100544.8	-1825.9
2601	9.5	90414.4	-1853.0	2691	9.5	92310.1	-1845.8	2781	9.5	94033.4	-1802.2	2871	7.0	100606.6	-1858.2
2602	8.5	90420.9	-1853.6	2692	10.	92310.7	-1833.4	2782	9.5	94037.1	-1848.6	2872	8.8	100649.1	-1827.3
2603	9.5	90452.6	-1817.8	2693	9.1	92314.8	-1852.1	2783	10.	94039.0	-1823.4	2873	9.9	100706.7	-1829.9
2604	9.7	90511.7	-1809.7	2694	9.1	92316.5	-1801.2	2784	9.7	94040.9	-1818.2	2874	9.5	100712.4	-1823.7
2605	9.5	90550.4	-1856.2	2695	9.1	92321.3	-1809.2	2785	9.1	94104.7	-1846.8	2875	9.5	100715.6	-1816.1
2606	9.7	90559.8	-1859.1	2696	9.8	92330.9	-1829.8	2786	9.6	94110.1	-1858.5	2876	9.8	100729.3	-1836.4
2607	8.5	90613.0	-1845.2	2697	8.0	92331.9	-1856.0	2787	8.5	94115.8	-1815.0	2877	9.5	100749.0	-1858.6
2608	9.1	90617.1	-1807.5	2698	9.0	92342.7	-1858.1	2788	10.	94133.3	-1842.5	2878	9.1	100809.7	-1846.0
2609	9.0	90621.0	-1812.3	2699	9.4	92401.3	-1827.5	2789	9.5	94138.8	-1813.8	2879	8.3	100839.4	-1812.8
2610	9.6	90702.9	-1829.1	2700	10.	92409.6	-1829.8	2790	9.3	94139.9	-1833.2	2880	9.6	100859.8	-1837.6
2611	9.5	90703.4	-1823.8	2701	10.	92422.0	-1808.7	2791	9.8	94140.8	-1819.8	2881	9.5	100909.2	-1807.1
2612	9.3	90736.3	-1801.4	2702	9.8	92441.0	-1836.4	2792	7.2	94158.3	-1838.4	2882	9.5	100911.8	-1851.7
2613	8.5	90740.1	-1804.5	2703	9.5	92500.4	-1825.3	2793	10.	94217.2	-1814.9	2883	9.0	100921.0	-1856.6
2614	9.5	90745.0	-1842.7	2704	9.5	92510.5	-1836.1	2794	8.2	94218.1	-1858.4	2884	9.8	100925.3	-1812.8
2615	9.8	90747.0	-1812.5	2705	9.6	92515.6	-1830.1	2795	9.5	94313.3	-1810.9	2885	7.0	100936.7	-1835.0
2616	9.3	90812.5	-1824.3	2706	10.	92533.8	-1816.9	2796	9.9	94348.8	-1834.0	2886	9.5	100953.7	-1835.9
2617	9.7	90813.1	-1850.3	2707	8.7	92534.2	-1849.3	2797	9.6	94420.7	-1824.7	2887	10.	100953.8	-1819.3
2618	7.2	90834.2	-1859.7	2708	6.2	92535.8	-1845.6	2798	9.4	94432.2	-1835.0	2888	9.8	101016.5	-1808.1
2619	10.	90846.8	-1824.8	2709	9.7	92555.3	-1838.7	2799	8.0	94442.5	-1859.2	2889	8.7	101035.6	-1846.4
2620	9.8	90848.9	-1848.8	2710	10.	92617.3	-1819.8	2800	8.5	94451.6	-1846.7	2890	8.8	101058.5	-1814.2
2621	10.	90852.0	-1836.2	2711	9.5	92622.9	-1805.9	2801	9.1	94505.0	-1850.7	2891	10.	101128.6	-1830.2
2622	9.8	90909.4	-1845.5	2712	9.5	92628.4	-1835.7	2802	9.5	94540.6	-1826.2	2892	9.4	101146.1	-1829.1
2623	9.5	90910.4	-1828.3	2713	9.5	92629.6	-1856.6	2803	9.2	94548.2	-1830.1	2893	9.4	101223.8	-1806.8
2624	9.8	90920.0	-1836.9	2714	8.6	92630.5	-1814.8	2804	9.8	94606.9	-1859.8	2894	8.4	101226.8	-1803.7
2625	9.2	90923.2	-1855.9	2715	9.0	92651.1	-1851.8	2805	10.	94626.9	-1856.2	2895	10.	101239.2	-1847.5
2626	9.1	90937.9	-1843.8	2716	9.8	92654.0	-1823.5	2806	7.7	94644.0	-1848.0	2896	10.	101257.7	-1825.6
2627	9.5	90940.5	-1801.5	2717	9.1	92712.3	-1815.9	2807	9.6	94655.3	-1802.1	2897	9.6	101307.5	-1812.6
2628	9.9	90941.1	-1821.4	2718	9.0	92713.5	-1821.1	2808	9.8	94741.4	-1851.3	2898	10.	101320.2	-1849.8
2629	7.0	90944.8	-1850.9	2719	9.7	92714.5	-1827.9	2809	9.2	94742.7	-1818.3	2899	9.1	101324.1	-1825.2
2630	9.8	91003.4	-1838.8	2720	8.8	92719.7	-1827.9	2810	5.5	94801.8	-1819.5	2900	8.4	101331.8	-1813.7
2631	9.5	91009.6	-1804.5	2721	9.0	92725.3	-1823.2	2811	9.2	94836.6	-1809.3	2901	9.1	101341.0	-1804.2
2632	9.2	91015.4	-1830.8	2722	8.0	92738.8	-1806.3	2812	9.8	94836.7	-1846.5	2902	7.7	101350.3	-1819.0
2633	9.8	91028.3	-1843.1	2723	9.3	92745.8	-1807.8	2813	9.2	94850.5	-1821.8	2903	10.	101411.0	-1849.8
2634	10.	91042.4	-1813.9	2724	9.0	92805.5	-1844.7	2814	7.5	94854.3	-1859.6	2904	10.	101438.1	-1852.4
2635	10.	91049.9	-1820.1	2725	9.5	92832.3	-1835.2	2815	10.	94951.6	-1836.2	2905	9.1	101456.4	-1842.7
2636	8.5	91057.2	-1857.0	2726	8.8	92838.1	-1854.8	2816	9.4	94958.5	-1814.7	2906	9.4	101456.7	-1813.5
2637	9.5	91121.1	-1827.4	2727	9.2	92847.2	-1844.5	2817	9.5	95013.4	-1850.4	2907	10.	101502.5	-1842.6
2638	8.8	91125.5	-1838.2	2728	6.7	92849.0	-1856.2	2818	9.3	95014.6	-1833.1	2908	9.7	101503.6	-1816.5
2639	9.0	91136.2	-1851.8	2729	9.2	92853.1	-1856.4	2819	9.9	95021.0	-1823.2	2909	9.2	101508.1	-1851.5
2640	9.8	91158.3	-1841.4	2730	9.5	92904.9	-1802.7	2820	9.5	95145.1	-1832.7	2910	9.2	101516.1	-1844.2
2641	10.	91159.7	-1822.8	2731	9.1	92912.7	-1814.7	2821	9.5	95146.3	-1848.4	2911	9.7	101537.7	-1805.0
2642	9.4	91211.3	-1844.1	2732	9.7	92921.4	-1802.7	2822	9.5	95252.6	-1827.1	2912	9.7	101542.6	-1815.9
2643	9.8	91237.8	-1835.7	2733	9.2	92955.6	-1821.0	2823	10.	95324.0	-1856.1	2913	9.8	101548.6	-1812.2
2644	9.8	91245.2	-1820.8	2734	9.5	93002.2	-1822.8	2824	9.7	95330.3	-1821.8	2914	8.3	101549.2	-1842.0
2645	9.8	91303.7	-1843.6	2735	9.8	93010.8	-1808.2	2825	9.5	95336.1	-1856.8	2915	9.2	101601.3	-1831.6
2646	9.3	91311.5	-1819.2	2736	10.	93022.1	-1847.1	2826	9.8	95402.0	-1803.6	2916	9.4	101611.2	-1807.8
2647	8.5	91333.5	-1820.1	2737	9.8	93054.2	-1811.1	2827	8.6	95429.5	-1858.8	2917	9.0	101614.1	-1859.4
2648	9.9	91335.6	-1857.9	2738	9.8	93101.3	-1832.1	2828	9.5	95434.6	-1818.4	2918	10.	101638.0	-1848.5
2649	8.9	91339.1	-1853.9	2739	8.0	93114.7	-1821.4	2829	8.6	95550.8	-1821.2	2919	9.4	101642.9	-1839.8
2650	10.	91354.8	-1813.4	2740	8.7	93130.9	-1858.6	2830	9.2	95625.5	-1826.6	2920	9.4	101655.8	-1814.0
2651	9.1	91403.6	-1858.7	2741	8.2	93131.3	-1820.1	2831	9.8	95647.3	-1823.1	2921	9.3	101658.7	-1804.4
2652	8.6	91445.2	-1820.0	2742	9.1	93132.2	-1800.8	2832	9.0	95703.3	-1811.0	2922	10.	101709.8	-1821.7
2653	9.7	91446.0	-1816.1	2743	10.	93211.4	-1818.0	2833	9.5	95711.9	-1858.5	2923	9.1	101714.4	-1841.0
2654	9.5	91515.0	-1820.8	2744	9.8	93212.0	-1846.7	2834	9.0	95726.5	-1844.7	2924	9.8	101719.7	-1813.9
2655	9.5	91516.6	-1820.8	2745	10.	93222.8	-1836.5	2835	8.5	95733.6	-1842.9	2925	9.8	101723.5	-1842.0
2656	9.3	91522.5	-1855.7	2746	9.3	93224.1	-1839.2	2836	9.4	95737.5	-1826.0	2926	9.4	101725.5	-1830.7
2657	9.9	91526.4	-1853.4	2747	9.5	93225.0	-1848.7	2837	9.4	95757.8	-1807.6	2927	8.0	101739.1	-1821.7
2658	9.6	91608.9	-1830.1	2748	9.5	93229.7	-1801.7	2838	10.	95802.3	-1809.8	2928	9.1	101816.7	-1818.1
2659	9.4	91613.1	-1844.8	2749	9.9	93240.6	-1829.2	2839	9.3	95827.2	-1817.6	2929	9.4	101824.8	-1821.5
2660	8.5	91636.1	-1848.4	2750	9.3	93243.7	-1826.5	2840	9.8	95842.8	-1802.9	2930	7.5	101839.0	-1851.8
2661	9.5	91644.0	-1855.4	2751	8.3	93302.4	-1853.7	2841	10.	95917.5	-1801.1	2931	9.5	101847.6	-1831.8
2662	9.8	91653.8	-1834.5	2752	9.0	93304.6	-1816.9	2842	10.	95918.5	-1805.1	2932	9.6	101920.0	-1826.4
2663	9.3	91708.3	-1802.7	2753	9.8	93325.7	-1852.3	2843	9.4	95941.6	-1843.7	2933	9.5	101931.4	-1859.4

2934	9.4	101947.2	-1833.9	3024	9.8	103929.5	-1841.0	3114	9.3	110216.4	-1813.0	3204	9.3	112842.6	-1850.6
2935	9.4	102013.4	-1845.5	3025	8.8	103938.6	-1857.1	3115	9.5	110222.1	-1847.7	3205	9.8	112853.4	-1831.0
2936	8.9	102044.1	-1830.1	3026	9.8	104001.3	-1824.7	3116	10.	110236.5	-1821.8	3206	9.8	112902.4	-1811.0
2937	8.8	102047.1	-1820.3	3027	9.0	104009.2	-1817.5	3117	9.7	110254.9	-1803.7	3207	9.5	112908.8	-1830.9
2938	8.3	102054.5	-1818.7	3028	9.3	104020.0	-1838.5	3118	9.8	110257.9	-1829.2	3208	8.9	112924.9	-1810.3
2939	9.2	102100.0	-1827.0	3029	9.8	104112.1	-1825.6	3119	10.	110346.4	-1810.3	3209	8.8	112931.8	-1828.4
2940	9.6	102113.6	-1817.1	3030	9.6	104114.2	-1821.9	3120	9.9	110349.3	-1815.3	3210	9.8	112957.4	-1823.1
2941	9.1	102126.5	-1819.6	3031	8.6	104117.5	-1827.7	3121	9.5	110417.0	-1840.8	3211	10.	113005.1	-1836.8
2942	9.4	102133.3	-1848.5	3032	10.	104126.5	-1853.9	3122	9.8	110422.8	-1846.8	3212	9.1	113051.8	-1857.2
2943	6.5	102138.3	-1846.9	3033	9.0	104140.5	-1851.5	3123	9.4	110433.4	-1808.5	3213	9.4	113053.0	-1806.8
2944	9.5	102158.8	-1842.6	3034	9.3	104214.7	-1845.0	3124	9.8	110448.5	-1858.4	3214	8.5	113056.8	-1834.7
2945	9.9	102212.2	-1839.0	3035	9.3	104214.9	-1849.2	3125	10.	110451.4	-1823.7	3215	8.8	113057.1	-1807.4
2946	9.2	102224.1	-1834.8	3036	9.5	104255.5	-1831.5	3126	9.6	110502.3	-1801.4	3216	9.7	113119.5	-1845.5
2947	9.0	102225.7	-1840.6	3037	9.8	104315.6	-1802.7	3127	8.8	110525.3	-1811.6	3217	9.8	113128.8	-1813.7
2948	9.7	102234.6	-1820.9	3038	9.4	104323.6	-1810.7	3128	8.3	110527.7	-1853.9	3218	8.9	113222.0	-1843.1
2949	8.3	102254.4	-1811.8	3039	9.7	104335.1	-1810.7	3129	10.	110613.4	-1840.0	3219	9.0	113233.7	-1818.4
2950	9.5	102258.5	-1809.7	3040	9.4	104402.9	-1856.1	3130	9.5	110618.3	-1819.5	3220	9.5	113306.9	-1849.5
2951	10.	102308.4	-1809.9	3041	10.	104407.2	-1840.5	3131	9.0	110652.5	-1846.8	3221	8.5	113309.6	-1839.5
2952	9.5	102320.0	-1802.4	3042	9.0	104407.2	-1820.5	3132	9.7	110653.6	-1858.1	3222	9.5	113415.0	-1847.5
2953	9.5	102330.4	-1818.0	3043	9.0	104411.6	-1811.9	3133	8.6	110718.4	-1844.5	3223	8.4	113437.9	-1838.4
2954	8.2	102401.9	-1811.9	3044	8.3	104517.5	-1807.3	3134	9.4	110731.9	-1841.4	3224	9.5	113445.2	-1801.6
2955	9.2	102441.5	-1820.7	3045	9.5	104529.8	-1834.7	3135	8.5	110744.9	-1800.4	3225	9.7	113445.4	-1853.8
2956	8.9	102456.5	-1823.2	3046	8.9	104531.3	-1836.0	3136	9.8	110748.8	-1840.6	3226	9.4	113557.4	-1846.5
2957	9.0	102510.7	-1854.7	3047	9.7	104546.0	-1808.1	3137	8.3	110754.9	-1848.6	3227	9.3	113653.5	-1812.1
2958	9.8	102516.4	-1820.3	3048	7.5	104548.3	-1847.5	3138	9.5	110755.7	-1812.4	3228	9.9	113717.7	-1849.7
2959	8.3	102522.9	-1818.2	3049	9.8	104607.7	-1853.4	3139	9.4	110800.9	-1855.9	3229	9.0	113746.4	-1805.2
2960	8.2	102543.4	-1827.2	3050	8.8	104631.1	-1821.9	3140	9.4	110805.3	-1802.5	3230	9.8	113813.6	-1833.2
2961	9.5	102544.3	-1812.8	3051	9.0	104638.2	-1839.4	3141	7.0	110806.9	-1850.5	3231	10.	113820.0	-1820.8
2962	9.1	102549.0	-1823.3	3052	9.5	104656.0	-1826.0	3142	8.8	110814.8	-1838.9	3232	10.	113842.2	-1817.3
2963	10.	102557.3	-1814.4	3053	9.0	104711.2	-1825.1	3143	8.7	110857.8	-1848.5	3233	10.	113852.6	-1808.9
2964	10.	102559.3	-1838.0	3054	9.5	104719.8	-1855.2	3144	9.7	110928.9	-1831.2	3234	9.2	113902.9	-1802.8
2965	9.5	102604.1	-1843.4	3055	9.8	104735.7	-1837.2	3145	10.	110958.5	-1855.8	3235	8.7	113918.5	-1812.1
2966	9.1	102624.3	-1807.9	3056	8.7	104747.3	-1833.1	3146	9.5	111000.0	-1837.7	3236	9.5	113919.3	-1843.4
2967	9.5	102638.6	-1843.0	3057	10.	104750.1	-1820.8	3147	8.6	111013.6	-1801.7	3237	8.0	113923.1	-1840.0
2968	10.	102640.2	-1809.2	3058	10.	104812.9	-1808.3	3148	9.5	111032.4	-1825.0	3238	10.	113923.8	-1851.9
2969	9.1	102645.2	-1827.8	3059	9.5	104837.7	-1835.0	3149	9.5	111033.1	-1820.0	3239	9.2	113932.4	-1806.5
2970	9.8	102735.5	-1840.7	3060	9.4	104901.7	-1841.6	3150	9.5	111054.8	-1810.6	3240	9.0	114004.3	-1807.9
2971	9.4	102751.8	-1817.0	3061	8.6	104907.2	-1844.7	3151	9.1	111116.8	-1827.0	3241	8.0	114007.4	-1823.1
2972	10.	102755.7	-1816.1	3062	10.	104938.6	-1852.1	3152	9.5	111201.5	-1802.8	3242	8.4	114025.3	-1835.5
2973	9.8	102813.8	-1832.2	3063	9.5	104939.0	-1801.1	3153	9.7	111248.5	-1839.8	3243	8.8	114025.5	-1841.4
2974	10.	102814.4	-1822.2	3064	9.8	105000.8	-1810.7	3154	7.5	111257.9	-1846.9	3244	8.9	114145.4	-1817.0
2975	9.7	102816.3	-1815.2	3065	9.1	105032.9	-1825.5	3155	9.4	111305.3	-1846.1	3245	9.6	114201.2	-1849.2
2976	9.3	102846.5	-1855.4	3066	10.	105044.8	-1810.9	3156	8.5	111312.0	-1807.3	3246	9.7	114211.5	-1849.5
2977	9.3	102850.5	-1851.1	3067	9.0	105047.1	-1857.7	3157	8.9	111339.4	-1829.6	3247	8.8	114212.1	-1822.9
2978	9.5	102851.5	-1857.5	3068	9.5	105049.8	-1813.2	3158	9.5	111352.3	-1844.3	3248	10.	114222.7	-1802.0
2979	9.1	102905.1	-1814.9	3069	8.8	105108.6	-1835.5	3159	9.0	111424.5	-1810.5	3249	10.	114227.8	-1824.4
2980	9.0	103009.4	-1813.5	3070	9.8	105120.6	-1848.5	3160	9.5	111426.8	-1848.6	3250	7.8	114255.0	-1848.0
2981	9.3	103016.5	-1847.2	3071	9.3	105139.2	-1806.4	3161	9.8	111506.0	-1828.7	3251	9.8	114301.7	-1805.5
2982	8.3	103032.4	-1836.3	3072	6.8	105149.5	-1849.5	3162	9.2	111518.9	-1806.1	3252	8.9	114306.6	-1852.8
2983	9.5	103038.9	-1853.0	3073	9.3	105158.4	-1844.5	3163	9.8	111556.7	-1814.5	3253	9.5	114308.5	-1818.1
2984	9.3	103045.2	-1823.1	3074	8.7	105209.5	-1842.3	3164	9.2	111605.5	-1819.2	3254	9.9	114318.3	-1857.9
2985	9.2	103125.9	-1859.5	3075	9.5	105232.4	-1802.6	3165	9.8	111606.4	-1810.5	3255	9.6	114345.5	-1823.6
2986	9.7	103134.5	-1806.3	3076	9.7	105254.5	-1831.6	3166	9.5	111639.9	-1802.6	3256	9.1	114345.8	-1809.2
2987	8.9	103135.7	-1852.8	3077	9.4	105308.3	-1850.0	3167	8.5	111655.4	-1810.9	3257	9.7	114346.7	-1826.1
2988	10.	103136.4	-1841.6	3078	8.8	105308.4	-1812.4	3168	10.	111706.1	-1838.5	3258	8.9	114352.2	-1810.2
2989	8.3	103149.9	-1850.8	3079	7.1	105332.0	-1834.1	3169	9.0	111727.2	-1841.8	3259	9.2	114402.7	-1809.3
2990	8.8	103151.7	-1822.1	3080	9.2	105353.1	-1833.4	3170	9.8	111728.9	-1819.6	3260	8.5	114416.5	-1822.0
2991	9.5	103157.1	-1808.0	3081	9.2	105409.5	-1846.2	3171	9.5	111747.5	-1840.3	3261	10.	114420.9	-1835.9
2992	9.2	103208.4	-1858.6	3082	9.5	105418.7	-1803.0	3172	9.0	111857.6	-1817.0	3262	9.4	114423.4	-1804.4
2993	9.5	103209.9	-1855.7	3083	10.	105435.2	-1818.0	3173	9.5	111912.5	-1837.9	3263	9.9	114426.6	-1802.9
2994	10.	103232.3	-1855.7	3084	10.	105448.9	-1845.8	3174	9.0	111926.8	-1816.6	3264	9.5	114435.7	-1813.3
2995	8.6	103312.2	-1802.0	3085	9.5	105456.4	-1839.7	3175	9.7	111933.2	-1824.9	3265	7.5	114450.7	-1823.8
2996	9.7	103323.0	-1835.4	3086	9.8	105511.9	-1841.7	3176	9.8	111939.4	-1837.5	3266	9.5	114517.4	-1827.8
2997	8.7	103332.3	-1850.5	3087	9.0	105546.4	-1855.9	3177	9.0	111947.0	-1839.2	3267	10.	114518.8	-1846.0
2998	9.9	103350.8	-1847.6	3088	9.5	105602.7	-1806.1	3178	6.9	111947.0	-1824.0	3268	8.2	114520.3	-1822.6
2999	9.5	103353.6	-1816.9	3089	9.3	105604.4	-1844.9	3179	10.	112028.7	-1809.8	3269	8.5	114532.5	-1853.8
3000	9.5	103417.2	-1840.6	3090	10.	105639.1	-1839.5	3180	9.1	112042.8	-1827.5	3270	9.5	114631.3	-1857.5
3001	9.1	103440.3	-1850.5	3091	9.5	105639.8	-1834.1	3181	9.1	112044.2	-1816.5	3271	10.	114645.1	-1811.0
3002	9.5	103451.9	-1830.0	3092	9.5	105641.3	-1832.9	3182	8.7	112053.7	-1803.7	3272	9.8	114645.9	-1813.6
3003	9.2	103453.2	-1836.2	3093	6.5	105646.3	-1852.0	3183	10.	112130.9	-1840.5	3273	9.8	114729.5	-1844.0
3004	9.4	103513.3	-1847.4	3094	10.	105654.2	-1813.7	3184	8.8	112148.6	-1859.7	3274	9.5	114744.5	-1803.7
3005	9.6	103528.2	-1846.8	3095	9.3	105710.4	-1830.6	3185	9.8	112223.5	-1855.6	3275	9.6	114759.8	-1850.1
3006	9.7	103553.2	-1831.0	3096	9.0	105719.3	-1852.7	3186	9.4	112228.7	-1825.3	3276	9.7	114822.8	-1857.0
3007	9.6	103620.8	-1801.2	3097	9.3	105733.1	-1813.4	3187	9.4	112234.9	-1848.9	3277	8.5	114917.7	-1858.8
3008	8.0	103625.8	-1806.4	3098	9.4	105747.3	-1844.1	3188	9.5	112257.9	-1847.8	3278	9.8	114934.6	-1844.0
3009	9.5	103644.9	-1817.3	3099	9.8	105844.6	-1813.2	3189	9.6	112259.0	-1831.7	3279	10.	114937.0	-1828.7
3010	9.3	103645.7	-1833.7	3100	9.8	105845.5	-1830.7	3190	9.4	112305.9	-1853.8	3280	10.	114937.3	-1839.3
3011	9.3	103654.3	-1806.2	3101	9.1	105851.1	-1817.8	3191	9.4	112319.9	-1852.0	3281	9.3	114951.0	-1824.6
3012	9.4	103711.6	-1810.4	3102	9.5	105905.0	-1800.4	3192	9.8	112335.6	-1802.4	3282	10.	114953.9	-1802.4
3013	7.5	103717.5	-1822.5	3103	8.8	105919.8	-1800.4	3193	9.1	112400.2	-1819.4	3283	9.4	114957.7	-1850.4
3014	9.3	103740.6	-1840.6	3104	9.3	105939.6	-1805.2	3194	9.2	112415.1	-1811.8	3284	9.4	115025.2	-1851.7
3015	10.	103741.0	-1821.0	3105	9.5	105952.7	-1837.9	3195	9.5	112451.0	-1811.8	3285	7.7	115028.7	-1810.4
3016	9.2	103815.2	-1859.1	3106	9.5	110020.2	-1830.5	3196	9.7	112508.3	-1846.0	3286	9.6	115034.1	-1831.8
3017	8.5	103816.7	-1856.2	3107	9.5	110026.0	-1801.9	3197	10.	112521.3	-1844.6	3287	9.1	115043.3	-1823.5
3018	8.8	103848.7	-1856.6	3108	9.3	110044.8	-1825.7	3198	8.5	112523.0	-1804.1	3288	10.	115059.6	-1849.0
3019	9.8	103850.7	-1820.2	3109	9.0	110133.1	-1825.4	3199	9.8	112525.1	-1816.8	3289	10.	115133.0	-1829.5
3020	8.4	103852.4	-1853.0	3110	6.3	110148.1	-1837.7	3200	9.4	112554.2	-1834.9	3290	9.2	115216.3	-1805.2
3021	9.8	103854.8	-1849.1	3111	9.8	110155.5	-1812.5	3201	9.4	112557.8	-1841.6	3291	9.5	115221.4	-1858.3
3022	7.0	103926.6	-1859.9	3112	9.1	110159.1	-1843.0	3202	9.8	112757.9	-1806.1	3292	9.5	115247.5	-1823.7
3023	7.0	103928.2	-1806.2	3113	8.6	110159.9	-1804.2	3203	8.9	112813.7	-1843.9	3293	10.	115302.5	-1844.6

-18 3294 11h53m

-18 3653 13h32m

3294	9.7	115304.5	-1828.4	3384	9.4	121736.0	-1859.2	3474	9.9	124159.3	-1836.0
3295	5.7	115326.5	-1851.1	3385	10.	121736.4	-1803.0	3475	10.	124222.0	-1854.0
3296	9.3	115348.9	-1829.8	3386	9.6	121749.0	-1819.4	3476	10.	124226.4	-1816.5
3297	9.2	115402.0	-1852.1	3387	9.7	121756.8	-1807.9	3477	9.0	124252.2	-1805.9
3298	9.2	115409.7	-1835.9	3388	7.1	121757.3	-1833.2	3478	9.3	124314.6	-1831.6
3299	8.8	115415.4	-1831.7	3389	9.8	121826.4	-1826.0	3479	10.	124337.6	-1826.0
3300	9.3	115434.3	-1813.6	3390	9.1	121833.7	-1825.2	3480	9.8	124351.5	-1832.4
3301	9.7	115451.2	-1828.1	3391	9.3	121836.6	-1838.9	3481	9.8	124405.2	-1802.5
3302	9.5	115501.6	-1829.0	3392	9.8	121837.1	-1817.7	3482	9.1	124406.9	-1830.1
3303	9.0	115515.9	-1850.1	3393	7.8	121859.7	-1830.6	3483	8.5	124415.7	-1809.4
3304	9.4	115530.3	-1819.5	3394	10.	122021.5	-1828.7	3484	9.8	124418.3	-1815.7
3305	9.2	115534.9	-1824.7	3395	10.	122024.7	-1811.3	3485	9.7	124519.5	-1829.2
3306	10.	115551.7	-1835.1	3396	9.9	122028.7	-1811.3	3486	9.8	124529.2	-1840.2
3307	10.	115603.4	-1801.7	3397	8.5	122044.8	-1814.6	3487	9.8	124613.3	-1840.1
3308	9.9	115605.3	-1822.0	3398	9.3	122045.3	-1846.7	3488	9.5	124619.6	-1804.8
3309	9.0	115606.3	-1829.4	3399	9.9	122123.8	-1834.7	3489	9.1	124642.2	-1820.5
3310	9.4	115640.2	-1819.6	3400	9.8	122201.2	-1819.5	3490	9.5	124656.2	-1811.3
3311	9.5	115700.2	-1821.5	3401	9.5	122218.2	-1839.4	3491	9.8	124701.6	-1840.7
3312	9.5	115721.1	-1851.9	3402	9.8	122224.1	-1811.7	3492	9.0	124714.1	-1836.7
3313	8.9	115729.8	-1845.4	3403	9.0	122250.2	-1814.9	3493	8.8	124726.7	-1840.7
3314	9.0	115731.5	-1834.1	3404	9.3	122327.6	-1820.2	3494	8.8	124748.7	-1820.7
3315	9.5	115750.9	-1831.3	3405	9.1	122330.2	-1847.6	3495	9.9	124758.6	-1802.8
3316	9.5	115809.8	-1842.6	3406	7.5	122336.2	-1847.6	3496	10.	124802.9	-1829.4
3317	10.	115815.6	-1802.6	3407	8.8	122339.6	-1811.7	3497	7.3	124837.3	-1850.7
3318	10.	115821.9	-1852.8	3408	9.7	122351.4	-1831.0	3498	9.5	124848.9	-1804.5
3319	9.4	115825.1	-1803.2	3409	9.6	122402.1	-1825.5	3499	9.4	124850.7	-1859.0
3320	10.	115835.3	-1832.2	3410	10.	122421.7	-1849.1	3500	9.2	124900.1	-1816.1
3321	9.1	115847.1	-1805.4	3411	9.6	122443.5	-1807.7	3501	10.	124927.6	-1822.0
3322	10.	115852.3	-1859.2	3412	9.6	122447.0	-1816.4	3502	9.4	124935.9	-1800.9
3323	10.	115859.1	-1811.2	3413	9.1	122453.2	-1857.6	3503	9.2	124945.7	-1856.2
3324	8.9	115935.2	-1843.3	3414	8.9	122453.7	-1809.0	3504	8.2	124954.6	-1857.9
3325	10.	115954.0	-1854.5	3415	9.6	122518.3	-1813.5	3505	10.	124958.1	-1812.3
3326	10.	115956.5	-1848.4	3416	6.2	122548.2	-1859.4	3506	9.4	125001.2	-1856.1
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3328	9.0	120042.8	-1859.8	3418	10.	122615.0	-1849.1	3508	8.6	125015.2	-1824.0
3329	9.5	120053.6	-1814.4	3419	9.8	122641.7	-1859.6	3509	9.5	125035.4	-1806.0
3330	9.5	120056.4	-1829.6	3420	9.6	122651.5	-1819.0	3510	10.	125041.5	-1821.0
3331	8.8	120102.0	-1816.1	3421	9.8	122656.4	-1807.0	3511	9.6	125047.9	-1830.7
3332	9.3	120120.1	-1823.8	3422	10.	122752.3	-1802.0	3512	9.4	125055.0	-1841.9
3333	9.8	120134.2	-1845.0	3423	9.8	122805.3	-1800.5	3513	10.	125111.0	-1811.9
3334	9.5	120202.5	-1807.1	3424	9.0	122821.9	-1845.8	3514	10.	125119.6	-1827.5
3335	9.8	120211.9	-1807.5	3425	9.5	122822.9	-1807.2	3515	9.7	125151.9	-1846.5
3336	9.5	120236.6	-1831.3	3426	9.3	122825.6	-1833.7	3516	8.9	125202.4	-1841.0
3337	7.7	120250.2	-1857.6	3427	8.5	122841.2	-1805.4	3517	9.8	125204.5	-1846.8
3338	9.7	120256.6	-1844.7	3428	8.5	122909.9	-1812.0	3518	8.3	125231.4	-1841.7
3339	10.	120300.0	-1836.0	3429	10.	122927.8	-1847.7	3519	9.4	125245.4	-1851.3
3340	9.4	120300.8	-1844.7	3430	9.7	122937.9	-1819.8	3520	9.8	125248.4	-1850.8
3341	9.8	120344.9	-1811.0	3431	8.5	123005.9	-1846.6	3521	9.8	125254.3	-1806.8
3342	9.7	120350.0	-1840.4	3432	9.4	123032.9	-1852.1	3522	9.7	125307.2	-1828.1
3343	9.4	120357.8	-1856.3	3433	9.3	123109.8	-1839.0	3523	9.5	125315.3	-1804.9
3344	9.8	120357.9	-1800.1	3434	8.2	123132.0	-1854.3	3524	9.8	125344.5	-1834.5
3345	9.5	120404.4	-1817.0	3435	8.0	123153.1	-1826.7	3525	9.3	125348.4	-1807.9
3346	10.	120434.5	-1856.5	3436	8.7	123158.3	-1842.1	3526	10.	125355.4	-1841.8
3347	9.8	120448.9	-1812.8	3437	8.7	123228.6	-1800.2	3527	9.8	125356.7	-1855.9
3348	9.8	120505.8	-1845.4	3438	9.0	123250.7	-1820.3	3528	7.8	125411.0	-1859.5
3349	9.6	120534.9	-1825.0	3439	8.2	123307.8	-1856.0	3529	9.5	125415.3	-1839.8
3350	10.	120537.8	-1807.5	3440	9.8	123400.2	-1845.7	3530	9.5	125450.8	-1845.2
3351	8.0	120647.9	-1820.7	3441	9.4	123413.2	-1839.9	3531	9.6	125459.3	-1840.4
3352	9.9	120734.9	-1858.8	3442	6.2	123414.8	-1857.7	3532	9.1	125520.9	-1812.0
3353	9.2	120739.8	-1828.1	3443	9.8	123420.6	-1806.4	3533	7.8	125521.6	-1817.5
3354	8.8	120748.4	-1835.0	3444	9.4	123426.2	-1819.8	3534	8.8	125545.4	-1853.8
3355	8.5	120816.7	-1804.3	3445	9.5	123439.1	-1802.4	3535	9.6	125619.1	-1829.5
3356	9.6	120822.1	-1831.3	3446	9.7	123457.6	-1810.7	3536	9.5	125654.8	-1821.0
3357	9.1	120828.4	-1832.7	3447	9.0	123503.7	-1842.8	3537	9.4	125731.2	-1838.2
3358	10.	120845.8	-1858.1	3448	9.0	123508.3	-1804.4	3538	8.0	125745.7	-1811.8
3359	10.	120949.1	-1830.1	3449	9.7	123508.6	-1830.9	3539	8.0	125804.6	-1803.0
3360	8.9	120950.4	-1831.3	3450	10.	123528.2	-1854.4	3540	8.0	125843.1	-1810.3
3361	9.8	120954.6	-1801.0	3451	8.7	123543.6	-1823.9	3541	9.3	125852.6	-1834.1
3362	9.0	121033.5	-1805.7	3452	8.2	123555.5	-1804.2	3542	8.9	125935.0	-1841.8
3363	9.8	121107.8	-1804.4	3453	9.0	123621.6	-1807.8	3543	7.5	130008.1	-1815.4
3364	9.4	121114.3	-1828.1	3454	8.6	123623.6	-1816.2	3544	9.2	130021.6	-1814.8
3365	9.0	121158.1	-1807.0	3455	10.	123642.0	-1806.2	3545	9.6	130054.1	-1833.8
3366	9.9	121204.0	-1826.8	3456	9.3	123728.1	-1843.6	3546	9.0	130125.0	-1858.2
3367	30.0	121208.4	-1827.0	3457	9.3	123755.9	-1805.2	3547	8.5	130225.0	-1807.7
3368	7.8	121213.7	-1823.6	3458	9.4	123840.5	-1816.8	3548	9.0	130247.4	-1858.4
3369	8.3	121225.6	-1828.5	3459	9.5	123851.0	-1821.2	3549	9.4	130254.5	-1814.6
3370	9.5	121228.5	-1806.0	3460	10.	123852.9	-1825.8	3550	9.1	130305.8	-1815.4
3371	10.	121249.1	-1819.1	3461	9.5	123859.4	-1808.7	3551	10.	130308.6	-1828.4
3372	9.3	121249.6	-1829.9	3462	9.1	123905.0	-1813.7	3552	9.0	130313.9	-1843.5
3373	9.1	121329.1	-1823.9	3463	10.	123921.3	-1821.9	3553	8.7	130325.4	-1802.2
3374	10.	121419.6	-1847.2	3464	8.9	123935.5	-1851.8	3554	9.3	130346.7	-1831.9
3375	9.5	121419.8	-1824.0	3465	6.3	123944.0	-1812.7	3555	9.4	130347.8	-1833.9
3376	9.5	121421.3	-1800.9	3466	8.9	123955.9	-1809.6	3556	9.4	130418.9	-1848.0
3377	10.	121525.4	-1809.3	3467	9.7	124009.0	-1816.5	3557	9.3	130448.9	-1803.0
3378	9.0	121547.5	-1817.3	3468	9.7	124011.3	-1804.2	3558	9.1	130455.8	-1802.6
3379	7.0	121621.8	-1825.4	3469	8.8	124028.1	-1857.5	3559	9.1	130457.3	-1840.5
3380	7.0	121631.0	-1845.9	3470	10.	124038.4	-1821.4	3560	9.0	130505.9	-1811.6
3381	9.3	121632.5	-1844.2	3471	9.3	124105.4	-1843.1	3561	9.3	130531.0	-1859.2
3382	8.8	121721.4	-1844.6	3472	8.2	124110.9	-1852.0	3562	6.3	130541.8	-1803.3
3383	9.3	121733.2	-1823.2	3473	9.2	124123.9	-1846.4	3563	9.4	130705.3	-1812.4
3564	8.9	130711.9	-1816.2								
3565	8.5	130728.5	-1825.9								
3566	9.5	130728.8	-1813.8								
3567	8.2	130729.5	-1808.7								
3568	9.8	130739.8	-1816.9								
3569	9.2	130750.6	-1807.7								
3570	9.8	130800.2	-1831.6								
3571	9.8	130801.5	-1842.9								
3572	9.7	130802.7	-1851.2								
3573	9.6	130838.1	-1804.2								
3574	9.2	130851.3	-1821.7								
3575	9.8	130937.6	-1846.3								
3576	9.2	130939.7	-1857.5								
3577	9.3	131030.8	-1819.4								
3578	9.5	131126.0	-1846.2								
3579	9.1	131132.3	-1822.1								
3580	9.3	131207.5	-1852.0								
3581	9.0	131210.0	-1802.8								
3582	9.8	131223.9	-1803.2								
3583	9.2	131229.3	-1804.4								
3584	9.5	131308.8	-1823.0								
3585	9.2	131318.4	-1835.7								
3586	9.3	131319.0	-1850.7								
3587	6.3	131342.7	-1843.3								
3588	9.4	131345.2	-1800.8								
3589	9.3	131422.0	-1834.7								
3590	9.8	131435.9	-1848.9								
3591	9.8	131446.3	-1832.9								
3592	9.3	131456.8	-1842.7								
3593	9.3	131507.6	-1809.4								
3594	9.3	131509.9	-1816.8								
3595	9.2	131518.3	-1835.5								
3596	8.7	131520.6	-1826.6								
3597	9.3	131537.7	-1832.1								
3598	9.5	131549.6	-1807.0								
3599	9.8	131556.2	-1858.6								
3600	9.8	131644.1	-1800.4								
3601	9.8	131717.5	-1813.8								
3602	10.	131747.5	-1804.2								
3603	9.0	131801.5	-1821.1								
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3605	9.8	131836.2	-1829.0								
3606	9.5	131915.5	-1806.5								
3607	10.	131936.0	-1808.5								
3608	9.8	132034.5	-1816.0								
3609	9.2	132037.0	-1829.4								
3610	9.4	132100.7	-1839.9								
3611	9.8	132104.7	-1824.9								
3612	9.6	132125.6	-1859.8								
3613	9.5	132137.6	-1857.8								
3614	9.5	132159.9	-1805.9								
3615	9.8	132222.7	-1842.9								
3616	8.7	132223.3	-1817.2								
3617	9.1	132255.1	-1838.2								
3618	7.3	132305.1	-1848.8								
3619	10.	132305.8	-1815.9								
3620	9.0	132323.8	-1820.4								
3621	9.4	132407.0	-1836.2								
3622	9.6	132408.5	-1844.9								
3623	9.3	132415.8	-1820.3								
3624	9.7	132433.6	-1819.9								
3625	9.7	132434.1	-1805.9								
3626	9.2	132435.2	-1831.2								
3627	10.	132450.6	-1805.9								
3628	9.4	132500.2	-1802.8								
3629	9.5	132504.2	-1818.1								
3630	9.0	132511.8	-1830.4								
3631	9.8	132545.8	-1810.9								
3632	8.5	132632.1	-1821.7								
3633	9.2	132645.3	-1806.3								
3634	9.3	132647.9	-1815.5								
3635	9.8	132712.4	-1839.2								
3636	9.1	132800.4	-1857.9								
3637	9.2	132809.6	-1821.0								
3638	9.4	132817.7	-1833.7								
3639	10.	132832.9	-1856.1								
3640	9.0	132837.9	-1850.8								
3641	9.6	132901.8	-1847.9								
3642	9.5	132924.6	-1810.2								
3643	9.5	132930.9	-1843.2								
3644	9.1	132936.8	-1852.6								
3645	9.2	132938.2	-1808.7								
3646	9.9	133008.3	-1831.9								
3647	8.5	133018.2	-1826.7								
3648	9.0	133036.9	-1826.5								
3649	9.3	133039.8	-1843.0								
3650	8.8	133116.3	-1853.1								
3651	9.2	133119.8	-1858.1								
3652	9.1	133143.1	-1856.8								
3653	9.5	133209.4	-1823.5								

3654	9.4	133210.3	-1829.5	3744	9.8	135748.7	-1851.7	3834	9.4	142107.0	-1829.3	3924	8.3	144525.9	-1833.0
3655	9.3	133223.2	-1828.5	3745	9.4	135751.9	-1804.4	3835	9.0	142126.6	-1803.2	3925	9.2	144538.4	-1810.3
3656	9.1	133228.0	-1812.8	3746	9.8	135814.4	-1819.6	3836	9.4	142134.7	-1830.0	3926	9.0	144611.0	-1821.9
3657	10.	133247.7	-1850.2	3747	9.5	135837.0	-1812.0	3837	8.8	142142.9	-1831.9	3927	9.2	144613.8	-1853.4
3658	10.	133247.8	-1824.9	3748	9.4	135840.5	-1838.8	3838	9.5	142157.2	-1855.9	3928	9.5	144643.9	-1844.6
3659	9.7	133320.1	-1832.8	3749	9.5	135906.9	-1848.0	3839	9.8	142231.3	-1810.7	3929	9.8	144652.5	-1826.1
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3661	10.	133357.7	-1841.3	3751	8.6	135928.5	-1804.6	3841	9.8	142302.6	-1845.3	3931	9.8	144737.4	-1829.0
3662	7.7	133400.4	-1814.9	3752	9.3	135948.0	-1812.9	3842	10.	142321.9	-1852.5	3932	10.	144750.0	-1827.7
3663	9.8	133421.5	-1838.1	3753	9.6	140014.1	-1839.9	3843	8.6	142340.8	-1803.7	3933	7.5	144808.7	-1820.1
3664	9.1	133428.7	-1825.9	3754	9.2	140019.0	-1810.8	3844	9.3	142343.3	-1851.9	3934	9.3	144856.2	-1820.1
3665	9.0	133431.2	-1839.5	3755	9.5	140030.3	-1852.2	3845	9.5	142422.7	-1804.9	3935	9.4	144928.7	-1853.3
3666	9.5	133434.5	-1803.1	3756	10.	140034.4	-1806.9	3846	8.5	142427.7	-1810.9	3936	10.	144944.5	-1818.1
3667	9.3	133454.9	-1809.2	3757	7.3	140100.0	-1833.0	3847	9.4	142514.1	-1856.5	3937	9.7	144956.3	-1827.8
3668	10.	133519.2	-1859.8	3758	9.4	140113.3	-1840.6	3848	10.	142523.1	-1822.3	3938	9.4	145026.7	-1812.3
3669	9.8	133523.6	-1830.8	3759	9.4	140208.7	-1824.9	3849	10.	142523.9	-1804.3	3939	10.	145035.6	-1809.9
3670	9.5	133528.1	-1856.1	3760	9.8	140229.3	-1828.7	3850	8.7	142529.6	-1839.1	3940	9.2	145045.8	-1845.0
3671	9.6	133602.3	-1815.8	3761	8.6	140242.4	-1802.9	3851	9.4	142538.5	-1820.8	3941	8.8	145109.2	-1849.7
3672	9.8	133607.1	-1848.7	3762	9.8	140256.9	-1831.5	3852	8.5	142543.1	-1833.5	3942	8.5	145131.8	-1843.2
3673	9.8	133630.4	-1807.5	3763	8.9	140300.3	-1827.5	3853	8.0	142603.1	-1852.7	3943	9.9	145149.9	-1831.7
3674	9.4	133634.5	-1852.2	3764	9.0	140321.5	-1848.5	3854	8.4	142607.1	-1835.3	3944	9.5	145159.2	-1856.2
3675	9.4	133635.3	-1843.8	3765	9.1	140324.8	-1803.2	3855	9.8	142615.6	-1857.6	3945	7.8	145211.9	-1803.1
3676	9.0	133704.7	-1822.7	3766	7.8	140346.2	-1819.5	3856	9.8	142658.2	-1809.0	3946	10.	145212.3	-1827.5
3677	9.1	133729.5	-1836.1	3767	9.0	140349.0	-1853.9	3857	9.1	142705.7	-1806.5	3947	9.8	145222.2	-1810.6
3678	9.5	133820.3	-1809.8	3768	9.1	140400.8	-1811.9	3858	9.0	142717.1	-1859.9	3948	9.8	145226.5	-1823.0
3679	9.3	133826.3	-1828.7	3769	8.9	140422.8	-1804.0	3859	9.0	142717.4	-1811.4	3949	10.	145243.3	-1806.5
3680	9.8	133919.2	-1806.5	3770	9.2	140436.2	-1831.8	3860	8.8	142749.2	-1820.0	3950	8.5	145318.7	-1841.2
3681	7.2	133919.9	-1831.4	3771	9.8	140442.6	-1828.6	3861	9.3	142751.0	-1857.7	3951	8.0	145319.6	-1813.5
3682	8.9	133926.5	-1836.7	3772	9.3	140500.9	-1837.8	3862	10.	142836.3	-1839.3	3952	9.2	145335.0	-1828.4
3683	9.8	134016.4	-1845.2	3773	9.5	140502.7	-1812.5	3863	9.0	142838.6	-1812.2	3953	10.	145358.1	-1834.6
3684	9.0	134055.2	-1824.9	3774	9.3	140553.6	-1823.4	3864	9.7	142850.5	-1814.6	3954	9.1	145408.4	-1859.2
3685	9.7	134133.6	-1828.4	3775	9.5	140624.6	-1846.0	3865	10.	142916.3	-1829.7	3955	9.1	145410.0	-1831.3
3686	9.7	134134.1	-1850.2	3776	9.5	140716.1	-1850.8	3866	9.5	143004.0	-1806.2	3956	10.	145416.6	-1804.7
3687	10.	134155.8	-1832.7	3777	9.3	140728.8	-1838.5	3867	10.	143034.8	-1821.6	3957	9.6	145429.0	-1819.6
3688	9.8	134157.4	-1841.2	3778	10.	140751.3	-1848.8	3868	9.3	143104.9	-1837.0	3958	10.	145431.6	-1855.4
3689	8.8	134213.9	-1838.1	3779	9.3	140843.1	-1813.1	3869	9.0	143108.4	-1849.6	3959	9.0	145433.3	-1845.3
3690	9.8	134228.8	-1846.3	3780	9.5	140915.5	-1837.6	3870	10.	143128.3	-1842.3	3960	9.8	145435.6	-1817.3
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3692	9.2	134419.5	-1820.7	3782	9.2	140927.2	-1848.4	3872	8.8	143205.4	-1844.3	3962	9.8	145545.5	-1809.2
3693	10.	134454.6	-1819.1	3783	9.0	141002.7	-1857.5	3873	10.	143209.8	-1856.0	3963	10.	145618.6	-1839.1
3694	8.4	134600.9	-1827.1	3784	9.5	141005.2	-1841.9	3874	9.3	143220.9	-1845.0	3964	9.8	145636.0	-1813.9
3695	9.7	134625.1	-1850.7	3785	9.5	141016.0	-1823.0	3875	8.6	143250.4	-1810.7	3965	9.0	145643.7	-1801.4
3696	10.	134630.1	-1850.6	3786	8.8	141021.4	-1824.8	3876	9.2	143252.5	-1805.1	3966	9.4	145658.8	-1849.6
3697	9.1	134659.5	-1851.6	3787	8.7	141024.2	-1853.4	3877	9.2	143310.3	-1844.1	3967	10.	145701.5	-1803.8
3698	6.9	134705.7	-1830.1	3788	9.4	141025.2	-1832.1	3878	9.6	143327.4	-1806.3	3968	10.	145706.2	-1822.6
3699	8.7	134710.2	-1836.6	3789	6.2	141037.2	-1802.3	3879	8.0	143342.3	-1802.6	3969	8.7	145709.4	-1803.8
3700	9.5	134712.9	-1834.0	3790	9.5	141100.8	-1858.4	3880	9.3	143428.7	-1822.3	3970	9.7	145712.6	-1829.7
3701	10.	134733.2	-1831.0	3791	9.8	141110.0	-1807.4	3881	9.6	143432.3	-1836.4	3971	9.5	145713.5	-1817.4
3702	8.3	134832.2	-1831.1	3792	10.	141112.3	-1844.3	3882	7.0	143437.5	-1841.2	3972	7.5	145801.6	-1848.6
3703	9.7	134914.5	-1829.8	3793	10.	141113.7	-1847.7	3883	10.	143447.4	-1808.4	3973	8.9	145802.8	-1834.6
3704	9.7	134942.6	-1858.2	3794	9.7	141138.8	-1830.9	3884	9.0	143517.6	-1826.2	3974	8.9	145809.9	-1832.0
3705	9.6	134949.5	-1851.1	3795	10.	141142.0	-1830.7	3885	8.7	143525.5	-1820.1	3975	9.0	145814.7	-1810.1
3706	9.0	135009.9	-1800.0	3796	9.5	141205.0	-1839.2	3886	9.4	143633.9	-1854.8	3976	9.8	145846.6	-1806.3
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3708	9.7	135049.0	-1833.0	3798	8.0	141248.0	-1839.9	3888	8.0	143727.0	-1828.0	3978	9.8	145947.8	-1827.9
3709	9.7	135059.0	-1828.3	3799	8.5	141301.6	-1819.3	3889	8.5	143747.3	-1820.6	3979	9.8	145953.5	-1828.1
3710	9.5	135103.0	-1811.1	3800	9.0	141318.1	-1809.0	3890	10.	143747.4	-1804.3	3980	9.1	150010.4	-1857.7
3711	9.8	135112.5	-1847.9	3801	8.8	141326.1	-1840.4	3891	8.4	143754.6	-1821.9	3981	9.4	150024.4	-1853.7
3712	9.4	135125.0	-1831.6	3802	9.8	141343.0	-1804.4	3892	9.5	143757.5	-1816.1	3982	8.7	150024.9	-1839.6
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3715	9.5	135227.2	-1818.1	3805	9.9	141406.7	-1828.7	3895	9.8	143825.0	-1817.0	3985	9.3	150055.5	-1845.2
3716	9.5	135237.9	-1833.1	3806	9.3	141504.8	-1831.2	3896	9.5	143837.7	-1829.2	3986	10.	150106.2	-1851.1
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3718	9.0	135255.1	-1859.1	3808	9.0	141521.0	-1859.8	3898	9.0	143843.2	-1843.8	3988	9.8	150133.6	-1809.3
3719	9.9	135255.4	-1834.2	3809	9.5	141525.0	-1849.3	3899	9.8	143918.1	-1857.2	3989	9.2	150141.7	-1822.9
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3732	9.0	135516.6	-1800.0	3822	9.5	141900.3	-1820.3	3912	8.0	144300.5	-1819.2	4002	10.	150445.9	-1830.3
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3734	9.5	135525.3	-1825.6	3824	9.3	141945.7	-1833.1	3914	9.4	144317.5	-1814.6	4004	9.4	150539.9	-1807.2
3735	9.4	135537.6	-1805.0	3825	9.0	141955.3	-1838.7	3915	9.0	144320.0	-1805.1	4005	9.4	150552.8	-1817.5
3736	9.7	135605.2	-1825.6	3826	9.4	142001.8	-1848.3	3916	9.5	144331.6	-1813.3	4006	10.	150555.6	-1848.0
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3739	9.3	135652.7	-1824.6	3829	10.	142013.3	-1854.2	3919	9.8	144356.9	-1836.4	4009	9.5	150618.0	-1847.8
3740	9.6	135702.6	-1806.2	3830	9.1	142017.4	-1828.0	3920	8.8	144409.6	-1850.3	4010	9.4	150628.2	-1851.9
3741	10.	135703.8	-1815.3	3831	10.	142048.7	-1824.9	3921	10.	144428.3	-1803.2	4011	9.3	150642.8	-1808.8
3742	9.8	135729.2	-1848.1	3832	9.4	142050.7	-1828.9	3922	9.7	144455.2	-1825.0	4012	10.	150654.7	-1831.9
3743	9.3	135744.7	-1855.7	3833	9.6	142105.7	-1815.3	3923	8.6	144458.1	-1803.2	4013	9.2	150727.0	-1824.6

-18 4014 15h07m

-18 4373 16h51m

4014	10.	150742.1	-1811.3	4104	9.8	152757.2	-1811.9	4194	9.1	154627.4	-1805.2	4284	9.8	161921.2	-1851.0
4015	9.0	150753.5	-1834.9	4105	9.0	152823.7	-1841.9	4195	6.3	154637.5	-1857.1	4285	9.3	162010.1	-1858.6
4016	10.	150802.5	-1844.4	4106	9.7	152830.7	-1830.8	4196	8.6	154716.5	-1821.8	4286	9.5	162101.1	-1835.8
4017	8.5	150806.4	-1805.5	4107	9.1	152848.6	-1839.2	4197	9.2	154757.3	-1811.1	4287	8.0	162117.5	-1820.8
4018	9.1	150855.5	-1833.8	4108	9.2	152855.6	-1815.1	4198	9.8	154800.0	-1830.8	4288	8.9	162202.0	-1801.2
4019	9.8	150903.7	-1849.5	4109	9.8	152858.6	-1841.0	4199	9.6	154802.2	-1829.7	4289	9.8	162238.0	-1818.1
4020	10.	150905.5	-1850.7	4110	9.5	152918.3	-1818.3	4200	9.7	154808.6	-1809.2	4290	9.5	162242.4	-1812.6
4021	9.1	150906.0	-1828.9	4111	9.0	152924.1	-1856.4	4201	10.	154825.7	-1821.2	4291	9.3	162505.8	-1829.3
4022	9.3	150913.1	-1854.4	4112	8.7	152924.4	-1845.4	4202	9.5	154827.3	-1828.4	4292	9.6	162533.1	-1816.4
4023	9.5	150925.7	-1840.5	4113	9.5	152925.2	-1807.1	4203	9.5	154831.6	-1850.7	4293	9.5	162545.3	-1810.8
4024	9.1	150949.3	-1858.6	4114	9.5	152928.5	-1841.0	4204	9.3	154835.5	-1842.1	4294	9.3	162646.6	-1840.2
4025	9.3	150949.5	-1821.3	4115	9.5	152930.5	-1852.1	4205	9.8	154852.1	-1829.8	4295	8.2	162704.9	-1822.4
4026	9.1	150950.6	-1838.3	4116	9.5	152945.1	-1826.9	4206	9.3	154916.5	-1850.9	4296	9.0	162739.4	-1815.6
4027	9.4	151005.5	-1831.0	4117	9.9	152959.0	-1852.4	4207	9.8	154950.9	-1855.7	4297	8.5	162804.9	-1858.3
4028	9.3	151005.9	-1844.5	4118	6.0	153034.1	-1849.1	4208	9.3	154959.6	-1812.0	4298	8.5	162909.9	-1804.5
4029	9.1	151012.8	-1856.0	4119	10.	153037.5	-1803.8	4209	9.0	155002.8	-1802.9	4299	9.3	162911.2	-1832.0
4030	9.3	151013.3	-1842.6	4120	10.	153105.7	-1801.5	4210	9.2	155045.0	-1829.3	4300	9.8	162932.9	-1844.0
4031	9.5	151021.7	-1805.4	4121	9.9	153115.4	-1829.0	4211	9.5	155128.7	-1807.6	4301	9.5	162946.2	-1856.1
4032	9.0	151031.6	-1851.3	4122	9.7	153133.4	-1839.2	4212	10.	155206.2	-1846.4	4302	7.1	163008.1	-1831.8
4033	9.4	151108.5	-1857.3	4123	9.8	153135.7	-1859.2	4213	8.8	155237.4	-1833.1	4303	9.4	163025.4	-1851.4
4034	8.2	151110.2	-1838.5	4124	9.8	153159.4	-1824.2	4214	8.8	155239.8	-1853.1	4304	9.0	163035.2	-1814.0
4035	9.5	151122.6	-1812.8	4125	9.4	153211.6	-1813.2	4215	9.8	155243.4	-1840.6	4305	9.4	163205.6	-1808.0
4036	9.4	151154.1	-1834.9	4126	9.6	153216.8	-1832.5	4216	9.4	155326.5	-1827.2	4306	9.6	163218.0	-1852.3
4037	9.5	151202.0	-1800.6	4127	9.4	153225.4	-1855.6	4217	9.3	155359.7	-1826.6	4307	8.8	163331.7	-1839.5
4038	9.8	151214.8	-1800.4	4128	9.5	153242.1	-1837.7	4218	9.7	155424.2	-1838.3	4308	9.4	163345.1	-1819.6
4039	10.	151215.0	-1841.0	4129	9.1	153249.8	-1820.8	4219	9.8	155427.7	-1826.5	4309	9.7	163449.9	-1841.6
4040	10.	151233.9	-1816.3	4130	9.1	153314.3	-1820.3	4220	9.3	155430.9	-1848.0	4310	9.0	163450.6	-1810.7
4041	8.6	151246.0	-1821.6	4131	9.5	153319.9	-1837.9	4221	9.3	155436.1	-1805.8	4311	9.5	163453.1	-1820.2
4042	9.4	151248.1	-1836.3	4132	9.0	153327.9	-1817.6	4222	9.3	155439.5	-1822.5	4312	9.4	163501.6	-1858.7
4043	8.9	151248.5	-1807.9	4133	8.2	153334.8	-1859.4	4223	8.5	155537.8	-1842.1	4313	9.8	163528.3	-1802.8
4044	10.	151301.7	-1817.6	4134	10.	153345.2	-1816.4	4224	10.	155604.6	-1816.3	4314	9.5	163528.8	-1845.6
4045	9.4	151314.5	-1815.0	4135	9.6	153410.4	-1806.5	4225	10.	155618.4	-1823.9	4315	8.0	163538.6	-1815.7
4046	10.	151325.5	-1817.4	4136	8.0	153421.0	-1808.0	4226	8.4	155625.3	-1844.9	4316	9.4	163613.4	-1811.1
4047	9.0	151412.4	-1858.9	4137	9.5	153434.8	-1831.5	4227	9.5	155635.1	-1810.0	4317	9.3	163620.5	-1826.3
4048	10.	151424.7	-1805.8	4138	9.5	153512.0	-1807.6	4228	6.8	155642.5	-1808.1	4318	9.6	163633.3	-1854.2
4049	9.3	151442.0	-1843.3	4139	9.8	153528.3	-1852.4	4229	9.4	155655.3	-1834.3	4319	9.8	163658.6	-1809.8
4050	8.7	151445.5	-1813.4	4140	9.4	153544.3	-1828.7	4230	9.1	155702.9	-1816.0	4320	6.7	163701.8	-1851.9
4051	9.5	151507.6	-1834.6	4141	9.8	153602.9	-1837.5	4231	9.2	155713.3	-1819.4	4321	9.0	163702.9	-1812.6
4052	9.4	151508.8	-1810.0	4142	9.5	153604.1	-1854.8	4232	9.5	155733.2	-1834.7	4322	9.2	163719.6	-1825.4
4053	9.1	151555.3	-1831.3	4143	10.	153607.0	-1808.6	4233	9.5	155739.4	-1831.3	4323	9.4	163737.1	-1816.1
4054	9.8	151556.2	-1845.5	4144	9.9	153607.7	-1849.3	4234	8.7	155749.0	-1859.0	4324	8.8	163812.9	-1831.3
4055	9.1	151623.3	-1834.7	4145	9.4	153622.1	-1800.0	4235	8.5	155804.0	-1815.9	4325	9.5	163819.5	-1813.5
4056	9.3	151643.6	-1820.6	4146	10.	153629.6	-1811.8	4236	10.	155816.3	-1800.2	4326	9.8	163908.5	-1815.7
4057	9.3	151644.1	-1806.1	4147	9.1	153634.6	-1817.1	4237	9.8	155828.7	-1803.6	4327	10.	163910.5	-1856.5
4058	9.8	151659.1	-1815.9	4148	9.8	153640.5	-1801.8	4238	9.5	155920.4	-1834.0	4328	9.3	164038.2	-1843.6
4059	10.	151721.4	-1850.0	4149	10.	153646.4	-1844.6	4239	10.	155940.3	-1803.5	4329	9.5	164058.8	-1810.4
4060	9.8	151726.4	-1827.2	4150	9.5	153647.9	-1849.6	4240	7.5	160059.1	-1836.4	4330	7.9	164102.3	-1839.8
4061	7.2	151737.7	-1800.2	4151	9.2	153657.6	-1801.0	4241	9.3	160042.0	-1839.4	4331	10.	164108.9	-1827.1
4062	10.	151740.9	-1810.1	4152	7.7	153703.8	-1838.8	4242	10.	160331.1	-1826.8	4332	8.4	164121.6	-1800.1
4063	9.2	151752.6	-1804.4	4153	10.	153736.0	-1846.7	4243	8.1	160341.4	-1840.9	4333	9.6	164204.6	-1837.6
4064	10.	151753.7	-1847.1	4154	10.	153737.4	-1840.1	4244	10.	160416.1	-1837.8	4334	8.7	164220.4	-1847.9
4065	9.9	151905.8	-1855.7	4155	10.	153740.5	-1814.6	4245	9.8	160520.3	-1824.1	4335	9.7	164235.7	-1854.8
4066	9.8	151914.6	-1802.5	4156	10.	153741.0	-1856.3	4246	9.2	160547.4	-1857.6	4336	7.4	164241.0	-1856.1
4067	9.3	151918.0	-1805.2	4157	9.4	153743.0	-1845.5	4247	8.5	160550.1	-1827.7	4337	9.5	164304.7	-1844.8
4068	9.3	151921.9	-1839.2	4158	9.9	153748.7	-1820.8	4248	9.2	160616.4	-1849.2	4338	9.4	164311.8	-1830.1
4069	9.8	151934.2	-1823.5	4159	8.9	153749.0	-1854.6	4249	6.5	160617.7	-1809.4	4339	9.4	164319.9	-1809.7
4070	9.8	151945.3	-1857.3	4160	9.3	153750.7	-1839.7	4250	9.7	160626.9	-1851.7	4340	9.5	164329.0	-1840.4
4071	9.8	152012.4	-1806.8	4161	9.8	153816.9	-1849.6	4251	9.1	160640.5	-1802.3	4341	9.8	164333.5	-1800.8
4072	9.9	152014.1	-1818.2	4162	10.	153825.0	-1824.3	4252	8.5	160757.3	-1813.8	4342	9.0	164345.7	-1854.3
4073	9.1	152027.4	-1837.5	4163	8.5	153838.8	-1840.6	4253	9.1	160816.3	-1814.9	4343	9.5	164352.7	-1822.6
4074	8.2	152027.6	-1813.1	4164	8.8	153852.6	-1801.5	4254	9.5	160847.4	-1806.6	4344	9.1	164405.4	-1808.5
4075	9.7	152031.3	-1813.5	4165	9.8	153915.9	-1806.7	4255	9.6	160916.8	-1844.7	4345	9.1	164420.3	-1822.1
4076	8.7	152106.8	-1853.9	4166	10.	153926.3	-1812.6	4256	9.5	160933.3	-1815.1	4346	9.4	164504.3	-1839.4
4077	10.	152108.1	-1817.8	4167	8.6	154017.7	-1846.1	4257	10.	161035.9	-1826.7	4347	9.0	164509.0	-1856.2
4078	10.	152145.2	-1838.4	4168	9.9	154019.2	-1800.6	4258	9.7	161103.0	-1856.7	4348	9.3	164509.1	-1835.0
4079	9.3	152226.2	-1801.0	4169	9.2	154026.1	-1857.9	4259	9.7	161107.9	-1801.1	4349	9.3	164525.6	-1843.9
4080	10.	152229.3	-1810.6	4170	9.5	154031.3	-1814.8	4260	7.0	161111.5	-1828.1	4350	8.5	164529.8	-1839.6
4081	9.9	152240.3	-1817.2	4171	8.0	154046.7	-1815.4	4261	9.0	161126.5	-1831.0	4351	8.7	164553.8	-1830.0
4082	10.	152241.1	-1808.7	4172	9.5	154048.6	-1848.6	4262	10.	161132.4	-1849.0	4352	9.1	164558.8	-1826.7
4083	7.9	152246.5	-1820.2	4173	10.	154055.3	-1847.7	4263	9.5	161135.2	-1836.4	4353	9.4	164544.9	-1820.7
4084	9.6	152255.4	-1821.7	4174	10.	154056.6	-1852.9	4264	9.0	161149.9	-1803.8	4354	9.8	164553.7	-1856.2
4085	10.	152310.7	-1800.9	4175	9.9	154116.6	-1821.5	4265	9.8	161156.3	-1859.7	4355	9.5	164622.7	-1852.8
4086	10.	152329.0	-1859.5	4176	9.8	154154.9	-1829.6	4266	8.0	161205.8	-1820.1	4356	9.5	164627.1	-1812.4
4087	10.	152355.4	-1837.4	4177	9.2	154217.6	-1801.4	4267	9.5	161218.2	-1851.1	4357	9.1	164635.8	-1831.7
4088	8.8	152415.7	-1854.5	4178	9.0	154218.7	-1816.0	4268	9.3	161223.0	-1826.2	4358	7.7	164637.7	-1838.3
4089	9.8	152423.0	-1808.5	4179	9.3	154257.6	-1849.0	4269	9.7	161245.7	-1830.8	4359	9.5	164724.7	-1800.4
4090	9.5	152454.2	-1852.7	4180	9.4	154304.4	-1839.2	4270	9.5	161257.7	-1819.9	4360	9.9	164800.8	-1818.5
4091	9.6	152521.6	-1818.1	4181	9.8	154310.7	-1843.7	4271	9.5	161313.0	-1852.1	4361	9.7	164807.4	-1823.0
4092	9.2	152530.7	-1857.1	4182	7.2	154317.6	-1829.5	4272	9.0	161329.6	-1813.5	4362	9.5	164843.5	-1819.4
4093	8.5	152611.6	-1834.1	4183	9.5	154348.7	-1843.2	4273	9.5	161419.2	-1834.7	4363	9.5	164914.8	-1836.3
4094	9.8	152625.6	-1815.2	4184	9.8	154411.0	-1811.6	4274	8.9	161445.0	-1824.6	4364	9.5	164929.6	-1836.6
4095	9.8	152641.8	-1825.4	4185	9.6	154418.1	-1817.7	4275	9.5	161447.7	-1823.9	4365	9.0	164943.4	-1859.7
4096	9.0	152659.9	-1825.2	4186	9.2	154421.7	-1844.1	4276	9.7	161609.2	-1851.1	4366	9.4	164956.9	-1806.7
4097	8.8	152702.1	-1814.1	4187	9.0	154447.2	-1842.6	4277	9.3	161617.0	-1834.3	4367	9.0	165006.3	-1808.1
4098	9.5	152727.0	-1830.9	4188	10.	154448.9	-1818.1	4278	9.4	161634.5	-1846.9	4368	9.8	165040.5	-1823.2
4099	9.6	152729.6	-1852.1	4189	8.9	154500.1	-1857.8	4279	9.5	161726.1	-1851.8	4369	10.	165042.1	-1828.5
4100	9.5	152730.9	-1813.0	4190	9.2	154524.0	-1806.0	4280	9.3	161746.1	-1843.3	4370	8.8	165056.5	-1832.4
4101	9.8	152739.4	-1848.6	4191	7.5	154535.0	-1830.8	4281	8.8	161814.4	-1848.0	4371	9.8	165102.5	-1815.7
4102	9.0	152739.9	-1837.7	4192	9.5	154556.4	-1823.0	4282	5.2	161837.1	-1807.5	4372	6.7	165117.9	-1800.7
4103	9.2	152742.0	-1829.9	4193	9.5	154557.5	-1857.5	4283	9.1	161910.0	-1808.9	4373	9.5	165154.2	-1842.1

4374	9.2	165142.0	-1825.8	4464	9.8	170559.1	-1802.0	4554	9.6	172325.9	-1820.1	4644	9.7	173856.2	-1839.9
4375	9.0	165143.7	-1828.1	4465	9.7	170609.4	-1859.3	4555	9.6	172334.1	-1802.3	4645	7.0	173858.4	-1802.5
4376	8.3	165149.6	-1856.7	4466	9.7	170617.8	-1857.0	4556	9.8	172350.4	-1856.9	4646	9.6	173902.7	-1850.3
4377	9.3	165200.3	-1805.2	4467	9.3	170624.2	-1842.3	4557	9.5	172352.9	-1844.1	4647	9.7	173908.4	-1815.2
4378	9.5	165234.2	-1847.5	4468	9.8	170644.0	-1853.5	4558	9.6	172409.8	-1817.5	4648	8.5	173912.2	-1852.2
4379	8.5	165255.3	-1842.7	4469	9.6	170644.6	-1808.2	4559	9.3	172413.0	-1832.1	4649	9.0	173937.1	-1814.1
4380	9.4	165255.6	-1832.6	4470	9.5	170701.0	-1815.5	4560	9.5	172426.5	-1808.3	4650	9.0	174008.2	-1850.5
4381	6.5	165322.7	-1839.8	4471	9.7	170709.3	-1836.5	4561	9.2	172432.0	-1832.6	4651	9.4	174026.8	-1813.3
4382	9.0	165334.3	-1859.0	4472	8.8	170715.7	-1800.9	4562	9.4	172449.6	-1816.2	4652	9.8	174044.3	-1831.8
4383	9.5	165334.6	-1853.5	4473	9.8	170719.4	-1830.4	4563	9.6	172457.0	-1825.2	4653	9.1	174146.2	-1838.8
4384	9.4	165358.7	-1816.9	4474	9.9	170738.8	-1830.0	4564	7.8	172458.1	-1813.7	4654	9.5	174147.7	-1859.9
4385	9.6	165403.9	-1846.7	4475	9.1	170742.1	-1852.2	4565	9.5	172509.5	-1857.4	4655	9.5	174159.4	-1804.2
4386	9.9	165404.2	-1839.7	4476	9.3	170745.7	-1841.7	4566	9.7	172512.4	-1839.3	4656	9.5	174203.7	-1844.4
4387	9.4	165428.2	-1828.2	4477	9.9	170745.7	-1829.5	4567	9.0	172547.7	-1840.2	4657	8.3	174204.5	-1851.6
4388	9.8	165433.2	-1850.7	4478	9.0	170803.6	-1820.7	4568	9.5	172549.5	-1828.9	4658	9.5	174239.8	-1841.1
4389	9.5	165441.9	-1850.5	4479	9.4	170813.0	-1823.0	4569	9.1	172551.5	-1830.4	4659	9.0	174245.0	-1829.5
4390	9.2	165453.3	-1834.1	4480	9.8	170829.0	-1838.9	4570	7.0	172604.6	-1806.6	4660	8.5	174308.4	-1840.6
4391	8.8	165508.7	-1843.1	4481	9.9	170848.6	-1855.1	4571	9.3	172625.4	-1834.0	4661	10.	174325.4	-1837.9
4392	9.4	165518.4	-1817.6	4482	9.0	170853.6	-1857.0	4572	9.2	172627.3	-1808.9	4662	9.2	174326.1	-1855.0
4393	9.7	165520.6	-1810.2	4483	9.5	170859.1	-1859.4	4573	9.3	172632.2	-1813.6	4663	10.	174334.3	-1808.0
4394	9.5	165525.3	-1820.1	4484	9.7	170922.9	-1851.3	4574	9.3	172640.0	-1840.2	4664	9.5	174343.6	-1847.6
4395	9.5	165527.8	-1846.8	4485	9.6	170937.7	-1826.6	4575	9.5	172648.1	-1817.3	4665	9.4	174348.5	-1839.8
4396	9.8	165545.2	-1841.0	4486	10.	171017.1	-1800.1	4576	9.4	172650.9	-1839.3	4666	7.3	174354.4	-1802.9
4397	9.0	165552.9	-1827.0	4487	9.2	171018.8	-1808.0	4577	9.3	172652.3	-1834.3	4667	10.	174413.7	-1836.7
4398	9.7	165559.7	-1830.4	4488	20.0	171042.7	-1821.8	4578	9.0	172652.6	-1808.5	4668	9.8	174414.0	-1855.8
4399	9.7	165600.9	-1807.7	4489	7.5	171100.1	-1847.5	4579	8.9	172726.3	-1828.0	4669	9.8	174427.1	-1833.5
4400	9.3	165605.8	-1808.6	4490	9.5	171104.6	-1847.9	4580	9.0	172728.3	-1832.5	4670	9.5	174431.8	-1809.1
4401	8.8	165613.6	-1816.1	4491	9.0	171123.1	-1856.0	4581	9.7	172738.8	-1826.1	4671	10.	174442.8	-1804.0
4402	9.5	165617.9	-1824.6	4492	8.5	171128.9	-1850.9	4582	9.1	172749.9	-1844.2	4672	8.5	174450.1	-1850.4
4403	9.5	165648.8	-1827.0	4493	9.3	171133.3	-1826.0	4583	9.2	172750.0	-1818.2	4673	9.8	174456.0	-1853.7
4404	9.1	165652.9	-1829.1	4494	8.7	171146.9	-1839.9	4584	9.8	172804.1	-1807.5	4674	8.7	174546.1	-1825.6
4405	9.5	165659.5	-1809.4	4495	9.3	171151.5	-1832.9	4585	9.2	172829.1	-1805.4	4675	9.0	174558.0	-1856.9
4406	10.	165700.9	-1834.7	4496	9.4	171207.2	-1840.0	4586	7.0	172831.8	-1853.5	4676	9.2	174612.3	-1801.8
4407	10.	165728.5	-1845.7	4497	9.8	171207.9	-1822.6	4587	9.8	172843.6	-1834.7	4677	9.5	174617.6	-1828.5
4408	9.5	165735.7	-1803.0	4498	9.5	171214.3	-1847.1	4588	9.5	172846.0	-1817.2	4678	9.5	174630.2	-1809.3
4409	9.7	165738.5	-1826.6	4499	9.2	171223.0	-1845.3	4589	9.5	172848.8	-1849.2	4679	8.3	174636.7	-1815.3
4410	9.1	165748.8	-1826.0	4500	9.6	171228.1	-1818.0	4590	9.8	172915.4	-1826.0	4680	9.6	174654.3	-1840.7
4411	9.8	165805.5	-1823.6	4501	10.	171238.7	-1816.9	4591	9.3	172929.6	-1854.0	4681	9.7	174657.0	-1839.5
4412	8.9	165835.8	-1852.5	4502	9.5	171258.2	-1808.0	4592	9.3	172949.9	-1859.1	4682	9.5	174658.4	-1825.5
4413	8.2	165840.6	-1820.3	4503	9.0	171306.9	-1830.4	4593	9.5	172952.0	-1832.8	4683	9.3	174659.5	-1840.6
4414	9.5	165843.0	-1831.8	4504	8.5	171318.7	-1811.3	4594	9.8	173009.9	-1831.4	4684	9.0	174709.3	-1811.1
4415	9.1	165856.6	-1847.8	4505	9.7	171349.3	-1835.1	4595	9.0	173017.1	-1805.3	4685	9.0	174720.4	-1859.1
4416	9.5	165909.0	-1816.8	4506	9.8	171349.5	-1838.2	4596	9.6	173020.2	-1835.2	4686	6.0	174723.2	-1846.3
4417	9.5	165911.5	-1821.9	4507	8.5	171353.1	-1829.9	4597	9.1	173038.7	-1838.0	4687	10.	174725.2	-1829.0
4418	8.5	165916.1	-1821.6	4508	8.8	171358.7	-1857.6	4598	8.5	173048.3	-1819.0	4688	9.8	174734.9	-1836.0
4419	10.	165921.3	-1855.8	4509	9.0	171422.3	-1802.9	4599	9.1	173057.4	-1856.0	4689	10.	174735.9	-1844.2
4420	9.8	165940.1	-1839.4	4510	9.8	171422.8	-1836.8	4600	9.4	173100.3	-1843.5	4690	9.5	174736.3	-1802.6
4421	9.0	165941.0	-1814.9	4511	9.5	171423.8	-1839.4	4601	9.2	173109.1	-1802.7	4691	9.5	174745.4	-1821.8
4422	9.7	165947.0	-1835.0	4512	10.	171513.2	-1803.0	4602	9.7	173115.0	-1830.7	4692	10.	174746.6	-1850.6
4423	8.7	165951.6	-1811.3	4513	9.5	171529.7	-1819.1	4603	9.5	173122.7	-1847.0	4693	9.0	174748.4	-1811.4
4424	9.8	170021.7	-1825.8	4514	8.5	171556.0	-1842.4	4604	9.8	173128.5	-1842.5	4694	9.3	174754.8	-1816.9
4425	9.5	170027.3	-1845.1	4515	9.2	171600.4	-1834.2	4605	9.3	173132.7	-1844.1	4695	10.	174755.2	-1851.4
4426	9.8	170032.7	-1826.5	4516	6.3	171607.6	-1818.6	4606	9.5	173133.8	-1827.1	4696	10.	174756.1	-1834.9
4427	8.2	170040.4	-1804.0	4517	9.4	171610.1	-1813.4	4607	9.6	173139.6	-1828.6	4697	9.7	174800.6	-1855.0
4428	9.0	170040.5	-1853.4	4518	9.5	171611.2	-1811.2	4608	9.0	173147.1	-1809.0	4698	9.4	174802.2	-1853.7
4429	9.4	170044.4	-1824.9	4519	8.0	171621.9	-1842.9	4609	9.4	173155.5	-1844.0	4699	9.2	174802.7	-1859.7
4430	9.3	170054.4	-1817.8	4520	9.8	171630.2	-1808.7	4610	9.5	173211.5	-1817.7	4700	9.1	174809.4	-1849.0
4431	9.8	170108.6	-1849.6	4521	9.6	171641.1	-1829.4	4611	9.3	173214.6	-1835.7	4701	9.5	174813.6	-1816.4
4432	8.9	170110.4	-1829.4	4522	9.0	171644.1	-1833.0	4612	9.0	173215.6	-1800.3	4702	9.6	174815.6	-1855.4
4433	9.5	170122.9	-1812.8	4523	9.7	171650.1	-1832.6	4613	9.5	173227.2	-1838.4	4703	9.0	174816.0	-1828.6
4434	9.7	170134.1	-1843.4	4524	8.5	171652.2	-1808.7	4614	9.3	173229.6	-1807.7	4704	9.4	174817.6	-1856.9
4435	9.0	170148.5	-1844.2	4525	9.5	171701.8	-1855.6	4615	9.8	173236.9	-1856.4	4705	9.5	174819.4	-1858.4
4436	9.5	170154.9	-1838.2	4526	9.5	171753.4	-1859.8	4616	9.0	173239.7	-1804.0	4706*	9.8	174825.0	-1853.2
4437	9.1	170212.2	-1834.3	4527	9.5	171812.6	-1808.1	4617	9.2	173245.7	-1833.5	4707	9.1	174825.7	-1855.6
4438	9.1	170224.0	-1855.2	4528	8.9	171834.0	-1851.6	4618	8.5	173247.7	-1833.5	4708	9.5	174825.8	-1836.6
4439	9.1	170246.1	-1841.2	4529	9.5	171837.9	-1830.4	4619	9.3	173250.1	-1825.2	4709	9.4	174829.7	-1855.4
4440	9.0	170253.5	-1824.1	4530	9.3	171857.4	-1849.8	4620	9.8	173250.3	-1818.2	4710	9.3	174831.3	-1857.7
4441	8.3	170305.1	-1809.1	4531	8.3	171905.6	-1813.5	4621	9.5	173307.9	-1835.0	4711	9.3	174833.1	-1850.3
4442	9.5	170327.1	-1811.0	4532	9.5	171918.4	-1827.7	4622	9.1	173321.6	-1802.9	4712	10.	174834.5	-1840.9
4443	9.5	170329.9	-1817.1	4533	9.5	171919.9	-1835.5	4623	9.9	173342.4	-1833.9	4713	9.7	174834.8	-1859.6
4444	9.0	170348.0	-1843.6	4534	9.6	171931.3	-1856.5	4624	9.8	173344.8	-1832.6	4714	10.	174835.0	-1850.1
4445	9.7	170351.1	-1828.6	4535	9.5	171939.0	-1828.8	4625	9.5	173358.0	-1814.9	4715	9.5	174842.1	-1803.6
4446	9.4	170355.2	-1803.9	4536	8.7	172007.0	-1810.4	4626	9.3	173405.9	-1822.8	4716	9.8	174842.1	-1842.9
4447	8.6	170358.1	-1821.6	4537	9.2	172021.0	-1836.9	4627	9.5	173418.1	-1802.4	4717	9.5	174842.7	-1857.3
4448	9.4	170400.2	-1836.0	4538	9.2	172030.7	-1847.6	4628	9.5	173423.5	-1808.7	4718	9.5	174846.0	-1856.4
4449	9.5	170410.4	-1859.6	4539	9.1	172045.4	-1832.8	4629	9.2	173442.5	-1813.9	4719	9.7	174847.8	-1852.6
4450	9.0	170411.0	-1822.5	4540	8.7	172057.4	-1832.5	4630	9.5	173451.6	-1835.4	4720	8.8	174849.4	-1810.5
4451	8.9	170431.0	-1859.5	4541	9.8	172115.1	-1826.1	4631	8.8	173520.0	-1858.3	4721	9.7	174852.9	-1858.3
4452	10.	170441.6	-1824.0	4542	9.5	172116.4	-1800.6	4632	9.2	173602.8	-1847.4	4722	8.8	174853.0	-1802.1
4453	9.8	170452.7	-1853.0	4543	9.8	172130.6	-1808.3	4633	9.1	173613.5	-1852.1	4723	8.4	174854.3	-1854.9
4454	8.9	170454.3	-1833.7	4544	9.8	172142.1	-1802.4	4634	8.5	173625.9	-1835.7	4724	9.6	174854.3	-1848.9
4455	9.4	170508.0	-1832.5	4545	9.4	172200.1	-1840.0	4635	9.6	173628.7	-1830.5	4725	8.6	174857.4	-1839.6
4456	8.5	170508.1	-1821.6	4546	9.7	172200.4	-1849.3	4636	10.	173708.2	-1802.5	4726	9.8	174859.9	-1850.0
4457	8.1	170511.0	-1847.9	4547	8.0	172208.9	-1859.9	4637	8.8	173715.2	-1828.6	4727	9.7	174902.6	-1847.9
4458	9.8	170523.6	-1830.5	4548	9.5	172224.9	-1849.3	4638	9.1	173716.4	-1820.1	4728	9.8	174904.6	-1859.9
4459	8.2	170527.0	-1802.3	4549	9.8	172237.0	-1832.4	4639	9.7	173717.1	-1803.3	4729	9.3	174904.6	-1833.3
4460	9.6	170534.1	-1811.9	4550	9.5	172237.7	-1802.1	4640	9.5	173741.8	-1827.0	4730	9.3	174909.3	-1859.5
4461	9.5	170543.5	-1824.2	4551	9.3	172244.5	-1838.1	4641	9.7	173809.2	-1809.4	4731	10.	174915.5	-1847.5
4462	9.4	170555.0	-1850.0	4552	9.4	172248.0	-1815.7	4642	9.1	173826.9	-1806.3	4732	9.6	174915.9	-1838.2
4463	9.0	170558.0	-1823.1	4553	9.4	172312.9	-1827.3	4643	9.5	173832.6	-1837.2	4733	9.9	174918.8	-1839.3

-18 4734 17h49m

-18 5093 18h41m

4734	9.9	174919.2	-1842.2	4824	7.9	180232.6	-1834.2	4914	9.6	181116.0	-1831.3	5004	9.5	182606.0	-1855.5
4735	9.4	174922.2	-1853.0	4825	9.5	180303.7	-1848.2	4915	9.8	181117.3	-1834.3	5005	9.5	182629.9	-1833.5
4736	9.2	174931.9	-1853.6	4826	9.2	180315.9	-1824.6	4916	9.5	181139.1	-1843.5	5006	9.5	182657.4	-1828.2
4737	9.2	174938.1	-1842.1	4827	9.4	180322.1	-1830.5	4917	9.3	181146.6	-1838.7	5007	9.5	182700.1	-1825.2
4738	9.5	174939.0	-1815.1	4828	9.2	180325.1	-1841.7	4918	9.8	181149.6	-1821.6	5008	8.0	182705.9	-1839.5
4739	10.	174942.5	-1826.3	4829	9.4	180332.6	-1845.0	4919	9.8	181157.9	-1831.9	5009	9.6	182727.3	-1849.5
4740	9.0	174946.6	-1809.4	4830	9.2	180341.4	-1827.8	4920	9.8	181222.2	-1828.2	5010	9.7	182728.9	-1838.6
4741	9.8	175003.3	-1842.3	4831	9.5	180357.6	-1841.2	4921	9.5	181231.1	-1840.0	5011	9.2	182748.6	-1812.6
4742	9.0	175012.8	-1844.0	4832	9.0	180359.5	-1853.1	4922	9.2	181236.0	-1808.6	5012	8.2	182801.3	-1854.2
4743	9.5	175027.5	-1819.0	4833	9.5	180402.9	-1830.5	4923	9.8	181240.5	-1802.1	5013	9.5	182820.8	-1830.8
4744	9.5	175040.7	-1805.8	4834	8.9	180404.7	-1825.6	4924	9.5	181246.3	-1804.0	5014	9.0	182837.6	-1802.5
4745	8.1	175053.9	-1811.3	4835	9.9	180417.2	-1825.9	4925	9.5	181249.6	-1852.8	5015	9.5	182851.9	-1839.0
4746	9.7	175100.0	-1834.5	4836	9.8	180423.6	-1846.2	4926	6.0	181250.3	-1855.2	5016	9.5	182856.4	-1858.1
4747	9.6	175101.1	-1850.5	4837	9.0	180434.1	-1820.4	4927	9.5	181257.6	-1835.7	5017	9.2	182910.1	-1825.5
4748	9.3	175108.1	-1832.0	4838	9.6	180441.6	-1837.5	4928	9.0	181303.1	-1829.4	5018	9.5	182918.7	-1824.1
4749	9.0	175113.4	-1832.3	4839	9.5	180446.0	-1801.4	4929	9.5	181309.3	-1815.1	5019	9.8	182920.2	-1811.9
4750	9.0	175117.8	-1848.6	4840	9.8	180448.1	-1819.5	4930	9.5	181309.4	-1800.1	5020	9.6	182924.7	-1810.0
4751	7.8	175158.2	-1833.9	4841	10.	180503.4	-1828.5	4931	9.1	181310.5	-1835.1	5021	9.4	182931.9	-1844.0
4752	9.0	175212.9	-1810.8	4842	9.7	180505.8	-1849.2	4932	9.8	181312.0	-1820.5	5022	8.7	182950.1	-1830.2
4753	9.1	175217.8	-1857.1	4843	8.0	180508.6	-1825.0	4933	9.5	181316.4	-1806.8	5023	9.3	183006.8	-1807.5
4754	9.0	175217.9	-1844.3	4844	8.5	180514.5	-1850.7	4934	9.5	181330.0	-1854.3	5024	9.0	183011.9	-1854.4
4755	9.5	175218.7	-1819.2	4845	8.2	180523.0	-1847.8	4935	9.8	181406.7	-1833.1	5025	9.4	183012.1	-1823.7
4756	9.5	175222.1	-1817.7	4846	9.5	180528.1	-1838.7	4936	9.5	181410.5	-1805.7	5026	9.4	183019.0	-1820.2
4757	8.5	175234.5	-1803.6	4847	9.5	180530.0	-1803.9	4937	9.4	181411.5	-1804.5	5027	9.3	183046.7	-1832.5
4758	9.5	175234.6	-1804.7	4848	9.4	180536.1	-1846.2	4938	9.1	181415.8	-1846.8	5028	8.7	183057.9	-1847.9
4759	10.	175240.3	-1811.7	4849	9.6	180541.7	-1855.6	4939	9.7	181440.1	-1826.2	5029	9.4	183106.5	-1809.2
4760	8.0	175241.4	-1830.0	4850	9.5	180553.1	-1858.1	4940	9.7	181506.3	-1807.4	5030	9.4	183122.8	-1803.0
4761	9.5	175303.4	-1846.1	4851	8.3	180555.5	-1811.5	4941	9.3	181513.1	-1805.8	5031	9.5	183127.9	-1848.3
4762	9.4	175304.0	-1858.7	4852	9.8	180558.2	-1855.6	4942	9.5	181526.4	-1831.9	5032	9.5	183150.1	-1830.9
4763	9.5	175306.8	-1849.0	4853	9.2	180559.1	-1818.5	4943	9.4	181550.1	-1841.4	5033	9.4	183218.0	-1825.8
4764	9.8	175331.7	-1807.9	4854	9.5	180600.5	-1828.1	4944	8.9	181551.8	-1810.0	5034	9.3	183238.3	-1820.1
4765	9.5	175352.3	-1803.0	4855	9.5	180601.3	-1849.1	4945	9.3	181552.0	-1824.7	5035	9.6	183258.8	-1853.0
4766	9.0	175429.9	-1804.3	4856	8.7	180613.0	-1848.9	4946	9.5	181554.3	-1803.0	5036	9.1	183304.9	-1851.2
4767	9.1	175447.2	-1812.1	4857	8.7	180628.0	-1858.8	4947	9.8	181558.1	-1856.5	5037	8.5	183307.7	-1806.8
4768	9.1	175501.4	-1836.8	4858	8.3	180629.5	-1835.3	4948	9.3	181559.6	-1845.0	5038	9.4	183308.3	-1808.9
4769	9.0	175511.8	-1802.9	4859	9.8	180632.9	-1807.2	4949	9.8	181607.0	-1806.4	5039	9.5	183342.0	-1846.4
4770	9.0	175512.6	-1852.5	4860	9.5	180636.6	-1856.9	4950	9.3	181610.1	-1841.9	5040	9.4	183346.8	-1805.8
4771	9.0	175516.5	-1818.3	4861	9.5	180653.6	-1844.9	4951	9.0	181612.2	-1821.1	5041	9.1	183431.3	-1812.2
4772	9.6	175524.0	-1829.7	4862	8.7	180655.5	-1857.6	4952	9.2	181612.7	-1848.6	5042	9.4	183457.5	-1810.7
4773	8.6	175525.4	-1831.6	4863	9.0	180658.0	-1824.2	4953	8.0	181629.1	-1836.4	5043	9.5	183458.8	-1859.6
4774	9.8	175527.6	-1844.0	4864	6.8	180659.6	-1842.0	4954	8.5	181636.9	-1821.0	5044	9.0	183640.1	-1817.9
4775	8.5	175527.6	-1836.6	4865	9.1	180713.0	-1859.3	4955	10.	181637.6	-1819.3	5045	9.4	183813.3	-1847.0
4776	9.0	175529.9	-1822.8	4866	9.2	180714.0	-1856.7	4956	9.8	181654.9	-1847.5	5046	9.3	183822.2	-1807.5
4777	9.5	175558.6	-1812.8	4867	9.5	180716.0	-1828.1	4957	9.9	181656.0	-1828.7	5047	8.9	183825.7	-1829.0
4778	9.5	175603.1	-1813.7	4868	9.5	180721.2	-1814.7	4958	9.5	181716.3	-1855.2	5048	8.8	183833.9	-1853.8
4779	9.5	175616.1	-1828.4	4869	9.0	180723.9	-1828.6	4959	9.5	181719.1	-1805.6	5049	9.5	183835.2	-1829.3
4780	9.5	175616.4	-1806.1	4870	9.5	180724.6	-1846.8	4960	8.3	181741.0	-1827.1	5050	9.3	183827.4	-1817.3
4781	9.1	175619.4	-1834.5	4871	8.4	180725.9	-1817.1	4961	9.5	181745.3	-1830.2	5051	9.3	183827.7	-1803.0
4782	9.6	175649.3	-1801.8	4872	9.5	180726.4	-1805.0	4962	8.0	181758.0	-1809.7	5052	8.8	183832.7	-1813.9
4783	9.7	175715.3	-1856.5	4873	8.6	180739.6	-1850.5	4963	9.6	181808.4	-1818.9	5053	9.8	183835.9	-1843.8
4784	9.7	175738.8	-1836.9	4874	9.8	180744.0	-1816.5	4964	9.8	181816.3	-1818.0	5054	9.2	183858.8	-1859.0
4785	9.4	175739.7	-1821.5	4875	9.4	180744.8	-1829.1	4965	9.0	181826.3	-1842.3	5055	9.1	183705.7	-1812.8
4786	9.8	175740.0	-1846.7	4876	9.7	180745.4	-1846.5	4966	9.0	181828.3	-1825.0	5056	9.5	183712.5	-1843.4
4787	9.4	175741.2	-1807.9	4877	9.7	180745.9	-1811.8	4967	8.5	181831.5	-1834.5	5057	8.0	183723.5	-1830.3
4788	9.4	175806.8	-1841.8	4878	10.	180755.1	-1841.5	4968	9.1	181834.4	-1818.9	5058	9.5	183738.4	-1838.7
4789	7.3	175811.2	-1859.4	4879	9.7	180756.9	-1848.2	4969	9.0	181846.6	-1827.9	5059	9.3	183747.7	-1843.3
4790	8.8	175817.3	-1849.1	4880	8.6	180806.1	-1850.7	4970	9.8	181849.2	-1818.9	5060	9.5	183821.5	-1801.0
4791	9.0	175817.8	-1805.7	4881	9.8	180812.4	-1827.6	4971	9.5	181900.7	-1800.8	5061	9.4	183822.1	-1808.5
4792	9.8	175833.4	-1837.1	4882	9.5	180819.1	-1835.7	4972	9.4	181941.7	-1856.6	5062	9.5	183840.4	-1848.5
4793	9.6	175935.2	-1855.8	4883	9.5	180821.4	-1843.4	4973	10.	181955.6	-1854.6	5063	9.0	183901.7	-1854.1
4794	9.0	175841.0	-1854.6	4884	9.7	180822.1	-1825.1	4974	10.	181955.8	-1854.2	5064	9.5	183907.5	-1825.6
4795	8.5	175911.1	-1803.0	4885	9.4	180840.0	-1851.8	4975	9.5	182004.3	-1827.8	5065	9.1	183911.8	-1816.0
4796	10.	175920.1	-1858.2	4886	6.7	180858.7	-1830.7	4976	8.8	182017.5	-1836.0	5066	8.8	183917.0	-1845.2
4797	9.0	175940.8	-1847.9	4887	9.9	180914.8	-1825.7	4977	9.1	182057.7	-1845.4	5067	9.6	183923.5	-1803.2
4798	9.0	175948.3	-1857.1	4888	7.3	180919.6	-1850.6	4978	9.5	182105.4	-1828.6	5068	9.3	183925.6	-1829.4
4799	7.4	175955.6	-1834.0	4889	9.5	180921.9	-1811.4	4979	9.5	182112.4	-1848.7	5069	9.3	183926.2	-1816.4
4800	9.1	180007.0	-1823.9	4890	9.7	180925.9	-1825.5	4980	9.3	182128.4	-1821.2	5070	8.2	183929.7	-1822.3
4801	8.3	180016.7	-1859.3	4891	8.2	180927.6	-1844.9	4981	9.3	182131.9	-1820.1	5071	9.5	183931.3	-1826.3
4802	9.0	180020.4	-1857.1	4892	9.5	180932.5	-1840.0	4982	6.5	182140.3	-1848.6	5072	9.7	183933.9	-1804.3
4803	9.6	180023.5	-1856.5	4893	9.0	180932.8	-1848.6	4983	9.5	182153.8	-1846.9	5073	8.3	183935.7	-1834.5
4804	9.8	180028.1	-1816.5	4894	9.1	180934.8	-1800.9	4984	9.3	182209.8	-1820.4	5074	9.3	183941.9	-1822.6
4805	9.4	180032.4	-1826.1	4895	8.2	180952.5	-1831.9	4985	9.8	182229.2	-1857.6	5075	9.3	183953.9	-1812.3
4806	9.8	180036.5	-1800.0	4896	7.3	181012.6	-1840.4	4986	7.5	182248.3	-1859.6	5076	9.6	184000.0	-1833.1
4807	9.1	180039.3	-1843.6	4897	9.0	181013.6	-1840.2	4987	8.1	182253.0	-1821.7	5077	9.4	184012.7	-1853.3
4808	9.5	180041.8	-1845.0	4898	9.8	181016.4	-1803.7	4988	6.0	182256.7	-1830.0	5078	9.0	184013.5	-1851.0
4809	9.4	180045.2	-1859.0	4899	9.0	181016.7	-1820.2	4989	9.5	182300.3	-1856.7	5079	7.0	184015.8	-1845.2
4810	7.3	180112.8	-1851.5	4900	8.2	181018.0	-1813.3	4990	9.2	182305.9	-1806.4	5080	8.5	184020.3	-1847.0
4811	9.5	180129.0	-1819.5	4901	9.5	181021.4	-1811.2	4991	9.3	182317.1	-1851.0	5081	9.5	184028.7	-1849.9
4812	9.1	180138.8	-1857.1	4902	9.5	181022.3	-1803.0	4992	9.3	182333.7	-1808.1	5082	9.3	184029.0	-1820.5
4813	9.7	180143.3	-1811.9	4903	9.5	181026.6	-1853.4	4993	8.8	182355.7	-1827.3	5083	9.1	184036.9	-1854.4
4814	9.5	180148.3	-1840.8	4904	8.7	181030.0	-1833.9	4994	7.1	182439.7	-1827.9	5084	9.5	184049.6	-1823.0
4815	9.0	180148.7	-1812.8	4905	9.8	181045.9	-1810.8	4995	9.5	182443.3	-1847.3	5085	9.0	184053.0	-1855.8
4816	9.1	180152.7	-1831.8	4906	9.6	181048.2	-1822.2	4996	9.7	182454.7	-1806.2	5086	8.7	184054.3	-1826.6
4817	9.8	180159.4	-1812.5	4907	9.8	181049.4	-1812.0	4997	9.5	182501.3	-1852.1	5087	9.0	184056.4	-1834.1
4818	9.0	180202.7	-1842.8	4908	9.5	181057.1	-1855.0	4998	9.3	182523.3	-1802.4	5088	9.5	184114.0	-1838.7
4819	8.4	180213.5	-1830.3	4909	9.1	181058.5	-1816.6	4999	9.8	182532.6	-1812.9	5089	9.5	184114.2	-1846.0
4820	9.7	180215.1	-1815.7	4910	9.6	181108.6	-1814.5	5000	9.5	182534.7	-1821.8	5090	9.0	184122.3	-1815.6
4821	9.2	180220.0	-1844.9	4911	9.8	181111.4	-1806.3	5001	9.5	182540.9	-1823.5	5091	8.8	184133.5	-1835.8
4822	8.8	180223.3	-1853.5	4912	9.5	181113.3	-1828.7	5002	8.7	182559.0	-1825.0	5092	9.4	184134.2	-1830.4
4823	9.1	180226.6	-1851.3	4913	9.5	181114.1	-1812.4	5003	10.	182601.8	-1811.9	5093	8.2	184138.0	-1806.1

-18 5094 18h41m

-18 5453 19h32m

5094	9.5	184145.1	-1834.3	5184	9.1	185458.5	-1853.3	5274	9.4	190717.7	-1855.6
5095	9.4	184148.7	-1835.3	5185	9.8	185509.1	-1811.8	5275	9.8	190722.7	-1834.0
5096	9.5	184150.7	-1822.4	5186	9.5	185529.0	-1847.2	5276	8.5	190741.8	-1854.0
5097	9.3	184151.6	-1812.9	5187	9.5	185545.4	-1858.0	5277	9.8	190742.8	-1800.7
5098	9.3	184200.1	-1822.8	5188	9.8	185552.7	-1807.8	5278	9.5	190750.2	-1810.2
5099	9.7	184202.6	-1828.8	5189	9.5	185603.4	-1835.7	5279	9.5	190752.6	-1842.1
5100	10.	184204.4	-1830.1	5190	9.8	185604.2	-1801.9	5280	9.1	190752.9	-1812.9
5101	9.2	184209.4	-1822.4	5191	8.5	185618.0	-1854.9	5281	9.1	190755.7	-1858.1
5102	9.3	184237.7	-1821.0	5192	9.4	185619.5	-1858.4	5282	9.8	190807.8	-1820.5
5103	9.5	184240.5	-1808.4	5193	8.3	185620.9	-1800.6	5283	9.3	190825.9	-1830.1
5104	9.4	184243.7	-1810.3	5194	9.5	185638.1	-1858.4	5284	9.5	190827.7	-1855.7
5105	9.0	184244.8	-1858.7	5195	9.0	185645.8	-1830.5	5285	10.	190829.7	-1823.0
5106	8.6	184250.0	-1825.8	5196	9.0	185704.5	-1819.3	5286	9.5	190843.0	-1807.0
5107	9.8	184302.6	-1849.1	5197	9.5	185710.5	-1820.0	5287	9.5	190851.2	-1823.4
5108	9.8	184305.4	-1833.2	5198	9.8	185713.8	-1808.1	5288	9.5	190852.8	-1852.6
5109	9.8	184321.3	-1819.1	5199	9.3	185717.1	-1814.0	5289	8.7	190858.7	-1850.5
5110	9.0	184328.5	-1836.7	5200	9.8	185724.3	-1805.0	5290	8.5	190905.5	-1804.7
5111	9.5	184331.9	-1859.0	5201	9.0	185735.0	-1822.6	5291	8.0	190912.7	-1810.2
5112	9.6	184340.1	-1828.6	5202	9.6	185737.7	-1835.0	5292	9.9	190917.6	-1843.1
5113	9.5	184418.5	-1809.2	5203	9.8	185741.7	-1808.8	5293	9.0	190919.8	-1816.9
5114	8.0	184427.7	-1826.0	5204	9.0	185824.7	-1809.2	5294	9.5	190920.9	-1830.2
5115	7.2	184437.0	-1848.4	5205	9.8	185835.1	-1848.5	5295	9.3	190927.8	-1808.2
5116	9.5	184439.3	-1816.8	5206	6.5	185839.1	-1857.4	5296	9.0	190942.1	-1827.8
5117	9.1	184441.5	-1843.8	5207	9.8	185840.2	-1811.9	5297	9.0	190953.5	-1843.0
5118	9.3	184449.4	-1851.9	5208	9.0	185848.8	-1804.7	5298	8.0	191002.6	-1857.0
5119	8.7	184449.9	-1857.7	5209	9.5	185851.3	-1828.6	5299	8.5	191014.4	-1859.2
5120	9.1	184459.9	-1833.9	5210	9.5	185853.0	-1805.2	5300	9.1	191028.2	-1800.7
5121	9.5	184518.3	-1845.8	5211	9.1	185909.1	-1857.0	5301	8.8	191032.5	-1811.0
5122	9.5	184522.0	-1854.1	5212	9.5	185913.1	-1854.1	5302	9.4	191038.3	-1815.4
5123	9.5	184527.8	-1827.5	5213	9.8	185931.5	-1822.9	5303	9.7	191050.4	-1831.1
5124	9.6	184545.6	-1802.0	5214	9.5	185940.3	-1809.2	5304	9.8	191120.7	-1819.9
5125	9.3	184554.8	-1802.3	5215	9.5	185948.2	-1834.8	5305	9.8	191128.8	-1854.7
5126	9.1	184556.4	-1813.3	5216	9.8	185950.9	-1859.9	5306	9.8	191130.2	-1822.5
5127	9.4	184601.4	-1819.7	5217	10.	190014.7	-1804.3	5307	9.2	191145.4	-1826.5
5128	9.5	184606.0	-1839.3	5218	9.5	190026.9	-1809.0	5308	9.5	191158.6	-1827.7
5129	9.5	184644.3	-1839.0	5219	7.8	190028.6	-1854.6	5309	9.4	191208.3	-1846.3
5130	9.3	184646.1	-1827.0	5220	9.2	190030.3	-1822.7	5310	10.	191215.5	-1845.0
5131	9.2	184709.5	-1833.7	5221	9.3	190037.9	-1832.7	5311	9.2	191221.9	-1828.1
5132	8.5	184719.6	-1842.5	5222	9.0	190041.7	-1843.0	5312	9.2	191225.5	-1809.4
5133	8.5	184725.5	-1806.0	5223	9.5	190046.0	-1801.7	5313	9.1	191225.9	-1816.9
5134	7.3	184744.5	-1853.3	5224	9.5	190055.7	-1834.0	5314	9.8	191236.1	-1805.3
5135	10.	184749.1	-1808.7	5225	9.4	190055.9	-1841.4	5315	8.5	191241.8	-1846.8
5136	9.0	184750.5	-1854.9	5226	9.5	190056.3	-1820.7	5316	8.3	191247.2	-1854.8
5137	9.3	184754.5	-1857.6	5227	9.2	190105.3	-1857.3	5317	9.5	191255.0	-1837.2
5138	9.4	184811.6	-1308.0	5228	9.2	190116.9	-1854.4	5318	9.4	191302.3	-1855.3
5139	9.2	184816.0	-1331.1	5229	9.1	190124.3	-1808.2	5319	9.4	191303.1	-1846.0
5140	9.1	184853.6	-1810.7	5230	9.5	190134.8	-1821.7	5320	9.4	191308.5	-1810.8
5141	9.5	184901.7	-1823.0	5231	9.5	190135.2	-1848.8	5321	9.3	191312.7	-1819.1
5142	9.2	184903.1	-1836.5	5232	9.5	190142.0	-1824.7	5322	4.0	191315.3	-1806.9
5143	10.	184933.0	-1847.7	5233	10.	190144.3	-1854.4	5323	9.5	191320.1	-1853.9
5144	10.	184935.6	-1839.3	5234	9.5	190151.2	-1840.5	5324	9.2	191320.9	-1818.4
5145	9.3	184950.1	-1829.5	5235	9.6	190217.2	-1841.9	5325	6.4	191323.6	-1834.3
5146	9.5	184951.2	-1826.1	5236	9.9	190230.1	-1805.5	5326	9.4	191328.1	-1801.5
5147	9.0	184952.7	-1807.6	5237	9.6	190241.4	-1803.5	5327	9.5	191330.3	-1851.0
5148	9.3	184953.1	-1849.7	5238	9.0	190248.2	-1830.5	5328	9.5	191333.8	-1813.6
5149	8.7	184959.4	-1843.4	5239	9.4	190253.9	-1850.9	5329	9.8	191339.5	-1814.1
5150	9.5	185009.0	-1858.2	5240	9.1	190308.6	-1826.8	5330	9.1	191349.0	-1833.1
5151	9.6	185014.7	-1832.7	5241	10.	190310.3	-1853.6	5331	9.0	191350.0	-1840.1
5152	9.7	185016.7	-1834.1	5242	9.3	190315.4	-1853.5	5332	9.0	191413.6	-1850.2
5153	9.0	185022.2	-1807.8	5243	9.5	190321.5	-1824.7	5333	9.6	191424.1	-1826.2
5154	9.3	185056.1	-1830.4	5244	9.1	190322.1	-1818.0	5334	9.8	191426.2	-1827.3
5155	7.0	185058.0	-1845.5	5245	9.3	190327.9	-1828.8	5335	8.5	191429.4	-1815.5
5156	8.0	185101.2	-1804.5	5246	9.1	190349.6	-1818.6	5336	9.8	191450.6	-1829.2
5157	8.5	185120.6	-1837.7	5247	9.4	190358.6	-1830.1	5337	9.5	191453.6	-1844.5
5158	9.8	185126.8	-1825.3	5248	9.8	190405.0	-1800.3	5338	9.0	191500.4	-1816.0
5159	9.3	185134.8	-1823.5	5249	9.2	190410.2	-1839.8	5339	9.0	191501.8	-1815.8
5160	9.4	185136.2	-1814.5	5250	9.1	190419.2	-1817.1	5340	9.0	191503.9	-1816.4
5161	9.5	185143.1	-1849.6	5251	9.2	190453.6	-1848.8	5341	8.5	191504.2	-1807.8
5162	8.8	185145.2	-1807.8	5252	9.5	190455.2	-1839.2	5342	9.0	191524.0	-1846.2
5163	10.	185148.8	-1820.3	5253	9.5	190456.5	-1813.1	5343	9.4	191536.4	-1841.2
5164	9.5	185151.0	-1802.0	5254	9.7	190456.5	-1817.0	5344	9.5	191540.6	-1838.5
5165	9.7	185200.3	-1817.9	5255	9.1	190459.0	-1814.1	5345	9.5	191544.2	-1810.3
5166	9.6	185213.6	-1857.0	5256	9.8	190517.6	-1855.7	5346	8.5	191548.7	-1803.9
5167	9.2	185224.6	-1801.1	5257	9.4	190531.2	-1834.9	5347	9.5	191554.8	-1807.5
5168	9.8	185228.2	-1826.1	5258	9.4	190533.7	-1847.2	5348	9.0	191555.2	-1851.5
5169	9.7	185246.0	-1815.2	5259	9.5	190542.0	-1835.6	5349	10.	191557.6	-1842.4
5170	9.2	185317.6	-1824.2	5260	9.1	190543.1	-1817.9	5350	9.3	191608.2	-1813.0
5171	9.7	185324.2	-1825.8	5261	9.7	190551.0	-1846.1	5351	8.0	191622.7	-1853.2
5172	9.6	185328.0	-1834.2	5262	7.8	190555.9	-1808.6	5352	9.3	191627.4	-1832.8
5173	9.0	185340.2	-1834.8	5263	9.5	190603.5	-1800.7	5353	9.5	191630.1	-1814.9
5174	9.0	185341.6	-1845.0	5264	9.1	190604.6	-1823.5	5354	9.0	191631.4	-1818.7
5175	9.0	185400.5	-1819.2	5265	9.5	190605.9	-1803.6	5355	9.0	191635.5	-1841.2
5176	10.	185402.2	-1854.3	5266	8.3	190606.1	-1817.5	5356	7.2	191640.4	-1850.1
5177	9.5	185414.1	-1841.4	5267	9.0	190622.2	-1845.1	5357	9.5	191640.9	-1854.9
5178	9.5	185423.4	-1828.7	5268	9.5	190625.9	-1808.5	5358	10.	191710.1	-1817.0
5179	9.8	185424.1	-1840.4	5269	9.8	190629.3	-1813.2	5359	9.5	191711.4	-1851.3
5180	9.2	185433.3	-1824.6	5270	9.5	190648.7	-1815.8	5360	9.3	191718.6	-1835.6
5181	9.3	185448.7	-1809.4	5271	9.5	190704.0	-1801.7	5361	9.0	191721.0	-1835.9
5182	9.5	185452.7	-1831.5	5272	9.5	190704.1	-1833.7	5362	9.3	191722.6	-1838.9
5183	9.0	185457.0	-1816.5	5273	9.2	190706.6	-1835.4	5363	9.5	191803.9	-1856.0
5364	10.	191808.6	-1847.4								
5365	9.5	191825.1	-1837.0								
5366	9.3	191829.8	-1823.8								
5367	9.0	191834.9	-1820.1								
5368	9.7	191838.9	-1828.7								
5369	9.5	191840.6	-1825.4								
5370	9.8	191850.5	-1857.7								
5371	9.5	191852.7	-1809.2								
5372	9.5	191854.4	-1811.4								
5373	7.3	191913.6	-1838.1								
5374	9.3	191923.9	-1827.1								
5375	9.5	191939.0	-1825.3								
5376	7.0	191939.4	-1838.7								
5377	9.5	192000.1	-1820.0								
5378	8.8	192003.5	-1800.8								
5379	9.5	192005.2	-1805.4								
5380	8.5	192010.7	-1807.7								
5381	9.0	192039.6	-1821.7								
5382	9.8	192046.0	-1829.1								
5383	9.8	192046.1	-1842.2								
5384	9.1	192050.7	-1817.3								
5385	9.7	192101.1	-1842.8								
5386	9.2	192119.2	-1819.4								
5387	9.2	192119.6	-1832.0								
5388	9.0	192121.1	-1822.3								
5389	7.7	192143.7	-1832.4								
5390	9.5	192145.7	-1844.0								
5391	9.0	192155.5	-1851.9								
5392	10.	192155.6	-1850.7								
5393	9.8	192159.3	-1814.7								
5394	9.1	192203.4	-1827.4								
5395	8.9	192208.0	-1831.3								
5396	7.5	192213.7	-1836.9								
5397	9.3	192237.7	-1843.6								
5398	9.6	192241.7	-1839.7								
5399	9.5	192243.3	-1812.5								
5400	9.5	192250.7	-1823.9								
5401	9.5	192257.1	-1847.0								
5402	9.6	192303.2	-1842.0								
5403	9.5	192316.7	-1844.5								
5404	8.3	192330.6	-1857.5								
5405	9.6	192341.2	-1826.6								
5406	10.	192349.0	-1807.3								
5407	9.3	192357.5	-1832.3								
5408	9.7	192400.8	-1809.1								
5409	10.	192421.2	-1813.2								
5410	9.9	192432.7	-1836.8								
5411	9.3	192500.4	-1803.1								
5412	9.2	192502.2	-1827.0								
5413	8.2	192507.6	-1855.1								
5414	9.5	192509.0	-1855.4								
5415	9.3	192512.8	-1844.6								
5416	9.5	192541.9	-1800.5								
5417	8.8	192549.8	-1811.7								
5418	9.5	192554.3	-1804.1								
5419	8.9	192609.4	-1829.1								
5420	8.7	192618.4	-1824.6								
5421	9.5	192625.9	-1820.4								
5422	9.1	192638.6	-1853.1								
5423	9.5	192642.3	-1809.9								
5424	9.6	192703.6	-1852.0								
5425	9.5	192706.3	-1810.2								
5426	9.3	192709.6	-1852.0								
5427	9.5	192741.1	-1829.2								
5428	9.5	192745.2	-1831.7								
5429	9.5	192806.6	-1850.5								
5430	9.0	192819.3	-1825.2								
5431	9.4	192830.5	-1818.9								
5432	5.4	192838.3	-1832.8								
5433	9.6	192920.3	-1842.8								
5434	9.6	192921.9	-1808.1								
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5436	9.0	193001.7	-1827.2								
5437	9.8	193006.8	-1819.1								
5438	9.5	193010.9	-1855.6								
5439	9.8	193024.6	-1816.7								
5440	9.3	193032.0	-1837.3								
5441	9.5	193048.9	-1855.2								
5442	9.5	193058.4	-1848.0								
5443	9.6	193059.0	-1839.8								
5444	9.6	193117.8	-1859.9								
5445	9.8	193122.0	-1847.6								
5446	9.7	193128.0	-1829.2								
5447	8.0	193152.3	-1813.3								
5448	8.0	193153.2	-1838.6								
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5450	9.5	193220.2	-1830.8								
5451	9.3	193225.7	-1829.3								
5452	9.4	193232.5	-1825.2								
5453	9.5	193254.3	-1823.4								

-18 5454 19h33m

5454	9.8	193312.6	-1831.3	5544	8.5	194941.3	-1840.4	5634	9.5	200811.7	-1823.7	5724	9.7	202852.2	-1812.2
5455	9.5	193319.4	-1810.4	5545	9.1	194955.1	-1828.8	5635	9.1	200816.3	-1851.0	5725	10.	202859.9	-1810.4
5456	9.0	193334.4	-1841.6	5546	10.	194955.3	-1820.6	5636	9.0	200836.0	-1828.6	5726	9.4	202903.3	-1815.8
5457	8.8	193343.9	-1819.1	5547	9.5	194957.4	-1807.2	5637	7.2	200840.4	-1852.2	5727	9.3	202908.1	-1816.5
5458	8.9	193402.4	-1851.4	5548	9.6	195006.0	-1835.4	5638	9.1	200928.0	-1829.7	5728	9.5	202919.7	-1839.0
5459	9.5	193417.4	-1819.6	5549	8.3	195011.3	-1845.9	5639	9.2	200935.2	-1815.9	5729	9.4	202926.0	-1803.5
5460	8.3	193426.9	-1832.2	5550	8.9	195028.3	-1835.3	5640	8.5	200938.1	-1839.1	5730	9.7	202935.8	-1828.4
5461	9.5	193430.2	-1830.7	5551	9.3	195030.2	-1844.1	5641	9.2	200939.0	-1807.4	5731	9.4	202955.5	-1800.3
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5463	9.8	193521.7	-1809.5	5553	8.0	195041.6	-1820.7	5643	7.5	200941.6	-1842.2	5733	9.3	203025.9	-1821.8
5464	9.8	193534.8	-1859.1	5554	9.3	195045.8	-1836.1	5644	8.8	201007.2	-1800.2	5734	9.4	203050.0	-1811.7
5465	10.	193600.8	-1803.8	5555	9.5	195103.1	-1813.7	5645	9.0	201025.8	-1846.5	5735	9.5	203100.1	-1857.1
5466	9.8	193605.7	-1809.5	5556	9.5	195113.4	-1827.3	5646	7.9	201026.2	-1818.1	5736	9.5	203132.6	-1857.4
5467	9.8	193606.6	-1835.0	5557	9.0	195114.2	-1801.0	5647	9.5	201040.6	-1848.6	5737	10.	203144.3	-1815.5
5468	9.8	193620.6	-1835.0	5558	9.5	195121.3	-1836.8	5648	9.5	201058.6	-1848.5	5738	5.5	203147.0	-1838.4
5469	8.5	193621.9	-1852.4	5559	9.3	195201.6	-1809.6	5649	9.1	201058.8	-1854.6	5739	9.8	203156.7	-1857.2
5470	8.3	193637.6	-1829.8	5560	9.9	195213.9	-1856.9	5650	10.	201139.8	-1807.8	5740	9.7	203200.2	-1833.8
5471	9.0	193637.6	-1823.5	5561	9.3	195218.5	-1820.6	5651	7.5	201234.4	-1836.2	5741	9.8	203219.0	-1842.9
5472	9.5	193705.0	-1848.4	5562	9.7	195220.4	-1830.5	5652	9.0	201237.5	-1855.9	5742	9.8	203238.3	-1850.2
5473	9.1	193707.2	-1836.5	5563	8.3	195221.3	-1840.8	5653	7.5	201241.5	-1846.6	5743	8.7	203242.9	-1818.2
5474	9.3	193712.0	-1806.1	5564	9.0	195223.3	-1820.9	5654	9.3	201313.1	-1804.3	5744	9.9	203254.3	-1841.1
5475	9.5	193727.5	-1839.7	5565	10.	195249.3	-1826.8	5655	9.8	201331.7	-1835.8	5745	9.4	203259.0	-1811.6
5476	9.1	193744.3	-1858.9	5566	9.5	195250.3	-1841.1	5656	9.4	201345.1	-1847.8	5746	9.1	203305.5	-1806.0
5477	9.1	193748.6	-1810.1	5567	9.7	195257.8	-1827.7	5657	9.8	201355.0	-1859.7	5747	9.8	203310.7	-1851.7
5478	9.0	193754.4	-1822.7	5568	9.6	195304.9	-1827.9	5658	9.5	201409.3	-1817.4	5748	8.8	203313.3	-1829.2
5479	9.5	193802.2	-1821.2	5569	9.4	195314.4	-1803.0	5659	9.3	201439.1	-1803.9	5749	9.0	203314.8	-1808.6
5480	9.1	193802.3	-1830.2	5570	9.0	195339.1	-1817.5	5660	7.5	201448.9	-1847.9	5750	8.4	203344.1	-1823.6
5481	9.8	193808.1	-1817.4	5571	9.5	195342.0	-1853.4	5661	9.7	201452.6	-1808.8	5751	9.5	203345.5	-1846.2
5482	9.5	193830.9	-1822.3	5572	9.4	195344.7	-1801.9	5662	9.5	201501.9	-1833.2	5752	9.5	203359.6	-1810.8
5483	9.3	193850.6	-1842.6	5573	9.8	195403.8	-1840.4	5663	8.7	201515.7	-1840.4	5753	9.5	203423.9	-1846.0
5484	9.3	193853.1	-1828.6	5574	8.7	195411.1	-1818.1	5664	9.3	201536.8	-1834.6	5754	7.5	203425.1	-1837.1
5485	9.1	193855.5	-1846.2	5575	9.0	195425.6	-1837.4	5665	9.5	201542.2	-1848.2	5755	10.	203433.5	-1818.3
5486	9.4	193916.4	-1857.1	5576	8.5	195427.3	-1834.4	5666	9.7	201545.7	-1839.8	5756	9.7	203437.3	-1824.0
5487	8.1	193929.0	-1845.4	5577	9.0	195428.8	-1837.1	5667	9.6	201549.2	-1837.3	5757	9.6	203442.7	-1826.5
5488	9.1	193929.4	-1823.0	5578	7.3	195433.2	-1856.4	5668	9.0	201554.1	-1849.8	5758	9.9	203445.8	-1829.6
5489	9.5	193939.2	-1829.6	5579	10.	195443.3	-1826.5	5669	9.8	201619.3	-1809.0	5759	9.7	203503.0	-1846.3
5490	8.6	193939.9	-1859.8	5580	9.5	195446.9	-1855.7	5670	9.8	201625.0	-1857.4	5760	9.7	203508.5	-1816.9
5491	10.	193951.2	-1845.2	5581	7.5	195452.4	-1838.2	5671	9.0	201630.4	-1802.5	5761	9.1	203515.1	-1844.3
5492	10.	193952.1	-1834.3	5582	9.5	195516.3	-1841.2	5672	9.0	201641.8	-1818.7	5762	9.7	203525.4	-1852.9
5493	9.8	194009.9	-1833.3	5583	9.5	195543.2	-1852.7	5673	9.2	201642.5	-1820.9	5763	9.3	203540.0	-1814.9
5494	9.5	194019.0	-1811.6	5584	9.2	195545.1	-1804.7	5674	9.8	201650.1	-1846.7	5764	9.5	203544.4	-1813.8
5495	9.7	194021.5	-1808.4	5585	9.8	195631.7	-1825.7	5675	9.4	201717.0	-1820.1	5765	9.8	203546.9	-1846.3
5496	9.5	194034.3	-1828.3	5586	8.9	195638.1	-1811.4	5676	9.4	201719.0	-1823.2	5766	10.	203557.0	-1840.9
5497	9.5	194040.6	-1845.9	5587	9.5	195642.7	-1859.4	5677	9.2	201721.3	-1810.9	5767	9.5	203602.6	-1817.2
5498	10.	194056.8	-1841.1	5588	8.9	195700.0	-1824.3	5678	9.0	201721.8	-1813.6	5768	9.6	203604.0	-1822.0
5499	9.3	194100.9	-1842.9	5589	9.2	195708.1	-1815.6	5679	9.5	201721.8	-1809.6	5769	9.5	203607.5	-1832.4
5500	9.7	194114.2	-1842.6	5590	8.0	195716.7	-1806.6	5680	8.0	201735.1	-1857.2	5770	9.6	203731.2	-1832.0
5501	9.4	194117.0	-1807.4	5591	9.7	195751.3	-1851.6	5681	8.3	201806.1	-1849.7	5771	9.1	203744.3	-1849.6
5502	9.5	194132.8	-1827.3	5592	9.8	195803.7	-1824.9	5682	9.4	201812.8	-1818.1	5772	10.	203813.4	-1801.3
5503	8.8	194146.2	-1812.7	5593	8.0	195810.4	-1843.0	5683	9.5	201837.8	-1842.0	5773	9.7	203819.1	-1828.4
5504	8.0	194151.4	-1818.7	5594	9.5	195820.2	-1851.0	5684	8.5	201844.1	-1815.1	5774	9.0	203837.8	-1831.1
5505	9.8	194207.9	-1853.6	5595	9.1	195826.6	-1800.5	5685	5.4	201900.7	-1840.8	5775	9.3	203917.6	-1853.4
5506	9.5	194251.2	-1829.6	5596	9.5	195829.1	-1811.7	5686	8.8	201933.6	-1831.7	5776	9.5	203929.9	-1827.8
5507	9.5	194253.5	-1818.7	5597	9.5	195830.5	-1827.6	5687	9.0	201958.9	-1853.7	5777	9.5	203940.6	-1854.7
5508	9.0	194257.6	-1840.6	5598	8.8	195838.6	-1814.1	5688	8.9	202007.4	-1827.5	5778	8.5	204010.2	-1843.5
5509	9.8	194314.4	-1828.5	5599	10.	195854.3	-1847.2	5689	5.1	202035.0	-1817.2	5779	8.1	204011.0	-1843.7
5510	10.	194345.0	-1801.9	5600	10.	195859.1	-1858.5	5690	9.5	202037.1	-1828.6	5780	9.5	204025.0	-1826.5
5511	9.3	194357.7	-1821.3	5601	10.	195902.4	-1840.6	5691	7.3	202044.0	-1820.8	5781	9.4	204046.4	-1838.4
5512	9.8	194411.0	-1834.0	5602	9.1	195919.0	-1807.4	5692	9.3	202116.1	-1842.1	5782	9.0	204104.8	-1845.2
5513	8.5	194411.4	-1842.4	5603	9.1	195925.9	-1819.5	5693	10.	202127.2	-1847.8	5783	6.7	204106.1	-1833.9
5514	9.4	194415.0	-1842.9	5604	9.0	195950.0	-1839.8	5694	9.8	202134.0	-1813.3	5784	9.3	204131.9	-1838.7
5515	9.1	194415.3	-1800.5	5605	9.7	200005.3	-1848.2	5695	9.5	202145.5	-1801.3	5785	9.4	204132.4	-1817.3
5516	9.6	194422.3	-1805.6	5606	9.4	200014.7	-1812.4	5696	9.5	202146.1	-1820.3	5786	9.5	204132.5	-1807.5
5517	9.5	194441.9	-1834.8	5607	8.7	200027.9	-1826.6	5697	9.8	202146.7	-1854.3	5787	9.5	204146.1	-1858.2
5518	9.3	194443.2	-1821.7	5608	9.5	200058.6	-1816.5	5698	9.4	202149.6	-1824.6	5788	9.1	204153.5	-1838.5
5519	9.8	194450.0	-1815.5	5609	8.0	200121.4	-1845.8	5699	9.1	202159.2	-1830.8	5789	9.8	204156.7	-1812.2
5520	8.5	194501.9	-1816.7	5610	9.9	200124.1	-1826.5	5700	9.2	202228.0	-1842.7	5790	8.8	204235.3	-1846.4
5521	9.5	194526.7	-1828.4	5611	9.5	200124.9	-1807.3	5701	9.7	202230.1	-1838.5	5791	9.4	204247.1	-1832.4
5522	9.5	194533.5	-1819.6	5612	10.	200216.4	-1827.7	5702	9.2	202247.3	-1846.4	5792	8.7	204247.8	-1817.5
5523	10.	194538.3	-1805.2	5613	9.5	200235.3	-1849.9	5703	9.8	202251.2	-1822.1	5793	9.5	204313.1	-1800.9
5524	9.0	194539.7	-1829.3	5614	9.3	200248.9	-1836.6	5704	9.3	202259.6	-1822.7	5794	9.6	204313.6	-1830.5
5525	9.4	194550.2	-1833.5	5615	8.8	200257.2	-1814.6	5705	8.2	202307.4	-1834.1	5795	8.0	204318.2	-1802.6
5526	9.5	194614.1	-1849.0	5616	9.3	200308.8	-1859.6	5706	9.1	202333.7	-1837.7	5796	9.8	204353.6	-1813.3
5527	9.4	194625.2	-1846.2	5617	9.5	200325.9	-1842.3	5707	9.3	202442.7	-1820.4	5797	9.8	204404.3	-1803.0
5528	9.5	194640.2	-1814.6	5618	7.8	200355.1	-1834.3	5708	9.1	202520.6	-1853.4	5798	9.5	204421.2	-1816.0
5529	9.4	194658.0	-1849.8	5619	8.5	200400.9	-1844.5	5709	10.	202531.0	-1854.9	5799	9.6	204422.4	-1847.5
5530	10.	194708.2	-1841.8	5620	9.4	200432.7	-1821.5	5710	9.4	202539.5	-1855.1	5800	8.7	204444.3	-1806.0
5531	9.8	194719.5	-1821.1	5621	9.3	200509.0	-1841.3	5711	9.7	202613.2	-1825.0	5801	9.5	204517.8	-1807.2
5532	9.7	194751.7	-1843.4	5622	8.8	200513.5	-1848.2	5712	9.4	202620.2	-1826.3	5802	9.3	204518.9	-1826.1
5533	9.8	194757.8	-1812.5	5623	8.5	200521.4	-1850.4	5713	9.2	202657.3	-1845.8	5803	9.4	204528.5	-1855.6
5534	9.5	194804.8	-1829.3	5624	8.0	200540.2	-1906.5	5714	8.5	202708.8	-1816.4	5804	9.1	204628.1	-1842.0
5535	9.1	194805.3	-1827.3	5625	9.2	200553.0	-1834.0	5715	9.8	202713.9	-1805.0	5805	6.3	204636.1	-1828.1
5536	8.9	194819.1	-1818.0	5626	7.8	200608.3	-1831.4	5716	9.2	202717.8	-1813.1	5806	9.4	204639.4	-1809.0
5537	8.5	194826.2	-1807.4	5627	9.3	200615.5	-1839.0	5717	10.	202732.0	-1822.6	5807	9.5	204706.2	-1859.6
5538	8.8	194826.7	-1838.1	5628	9.8	200638.5	-1848.4	5718	9.1	202738.8	-1827.7	5808	9.8	204740.1	-1837.9
5539	8.5	194836.5	-1844.5	5629	9.5	200651.0	-1807.7	5719	9.7	202750.0	-1858.4	5809	10.	204830.4	-1817.6
5540	9.4	194836.6	-1852.5	5630	9.1	200705.0	-1843.3	5720	9.8	202810.0	-1839.0	5810	9.5	204837.4	-1845.5
5541	9.5	194855.8	-1840.0	5631	10.	200714.0	-1852.7	5721	9.5	202813.1	-1832.2	5811	9.1	204845.9	-1804.3
5542	9.4	194922.5	-1815.0	5632	9.3	200737.0	-1806.0	5722	9.6	202817.4	-1801.9	5812	9.5	204853.5	-1840.1
5543	9.7	194936.3	-1839.2	5633	9.6	200808.2	-1807.7	5723	9.5	202834.8	-1833.0	5813	10.	204858.8	-1814.0

-18 5813 20h48m

-18 5814 20h49m

-18 6173 22h33m

5814	9.8	204900.1	-1853.5	5904	7.5	211008.4	-1804.0	5994	9.1	213308.9	-1812.5	6084	8.5	220437.8	-1844.0
5815	9.3	204909.8	-1823.7	5905	9.1	211026.5	-1808.4	5995	9.6	213421.5	-1802.9	6085	9.3	220504.0	-1807.7
5816	8.8	204920.3	-1817.0	5906	9.5	211039.9	-1851.0	5996	9.1	213449.1	-1858.2	6086	9.5	220539.2	-1803.4
5817	9.6	205008.7	-1832.5	5907	9.8	211106.4	-1831.0	5997	9.5	213519.4	-1824.8	6087	9.2	220639.9	-1827.5
5818	9.8	205024.7	-1841.2	5908	9.5	211118.5	-1821.4	5998	8.2	213530.0	-1802.8	6088	10.	220719.6	-1838.7
5819	8.8	205053.2	-1825.3	5909	9.7	211135.4	-1836.8	5999	9.5	213548.5	-1844.7	6089	9.8	220720.6	-1833.0
5820	9.8	205126.5	-1822.8	5910	9.5	211139.0	-1814.5	6000	9.1	213557.2	-1650.6	6090	9.8	220727.9	-1838.7
5821	9.2	205128.5	-1801.6	5911	9.4	211208.1	-1824.1	6001	9.2	213627.5	-1819.8	6091	9.6	220741.4	-1841.5
5822	9.5	205138.2	-1832.5	5912	9.4	211313.8	-1844.4	6002	9.8	213722.0	-1825.0	6092	9.3	220743.6	-1813.4
5823	9.4	205139.4	-1857.5	5913	9.2	211327.9	-1831.5	6003	8.2	213748.2	-1838.9	6093	9.4	220747.8	-1851.5
5824	9.4	205140.4	-1823.9	5914	10.	211355.1	-1804.0	6004	9.5	213754.7	-1850.5	6094	9.3	220815.7	-1814.3
5825	9.3	205141.5	-1855.0	5915	9.6	211355.5	-1823.1	6005	9.3	213802.6	-1814.2	6095	9.6	220839.9	-1842.1
5826	10.	205146.9	-1820.8	5916	9.2	211409.0	-1834.4	6006	9.5	213814.1	-1849.7	6096	8.0	220937.7	-1852.6
5827	9.5	205152.5	-1811.0	5917	10.	211425.3	-1839.4	6007	7.5	213825.0	-1835.0	6097	9.9	220938.0	-1841.9
5828	9.6	205156.0	-1827.6	5918	9.2	211428.1	-1807.4	6008	8.3	213837.4	-1849.0	6098	9.6	221005.0	-1855.5
5829	9.0	205225.5	-1813.3	5919	9.4	211428.3	-1911.5	6009	9.5	213902.7	-1853.0	6099	9.3	221011.5	-1842.5
5830	9.5	205227.9	-1830.7	5920	9.8	211441.0	-1824.7	6010	9.8	213909.1	-1818.0	6100	9.8	221038.3	-1834.7
5831	6.3	205241.5	-1805.3	5921	9.4	211510.0	-1829.3	6011	9.8	213921.5	-1852.4	6101	9.6	221112.8	-1830.4
5832	9.7	205241.9	-1828.0	5922	9.0	211517.6	-1854.0	6012	9.4	213926.0	-1831.7	6102	9.3	221154.1	-1858.1
5833	9.5	205242.2	-1816.3	5923	9.7	211519.5	-1803.1	6013	7.7	213942.0	-1852.8	6103	8.5	221204.3	-1811.2
5834	9.8	205322.6	-1808.9	5924	9.7	211550.1	-1809.0	6014	9.3	214014.2	-1817.1	6104	9.5	221232.4	-1835.1
5835	9.5	205329.9	-1830.1	5925	9.8	211603.9	-1849.6	6015	9.9	214039.1	-1807.4	6105	9.8	221308.9	-1804.2
5836	9.1	205342.7	-1843.5	5926	9.4	211612.6	-1854.1	6016	9.5	214108.9	-1825.8	6106	9.6	221354.6	-1848.9
5837	9.6	205345.4	-1824.3	5927	9.5	211624.0	-1833.8	6017	9.4	214211.8	-1852.2	6107	9.5	221357.2	-1846.7
5838	9.7	205415.0	-1804.4	5928	9.8	211631.4	-1838.2	6018	9.8	214226.1	-1804.3	6108	9.6	221402.8	-1831.4
5839	9.3	205417.9	-1831.9	5929	10.	211655.5	-1835.6	6019	9.5	214232.4	-1833.9	6109	9.2	221410.9	-1809.6
5840	9.0	205418.3	-1810.3	5930	9.3	211723.1	-1849.1	6020	9.1	214237.3	-1841.4	6110	9.5	221450.7	-1846.9
5841	9.5	205430.0	-1835.2	5931	9.5	211730.1	-1852.0	6021	9.8	214339.9	-1827.1	6111	10.	221546.0	-1821.4
5842	9.1	205447.4	-1858.9	5932	10.	211743.6	-1800.0	6022	9.7	214405.3	-1834.8	6112	9.8	221602.4	-1831.9
5843	9.4	205453.2	-1847.1	5933	10.	211756.0	-1825.8	6023	9.7	214409.9	-1807.8	6113	9.6	221617.1	-1856.8
5844	8.5	205510.1	-1802.2	5934	9.4	211804.9	-1832.8	6024	9.4	214454.8	-1807.2	6114	8.0	221641.3	-1819.5
5845	10.	205522.5	-1823.9	5935	8.8	211809.2	-1846.2	6025	9.0	214529.4	-1814.0	6115	9.1	221645.6	-1842.1
5846	9.5	205522.6	-1816.0	5936	8.8	211826.9	-1830.2	6026	9.7	214548.1	-1835.3	6116	9.3	221735.0	-1808.6
5847	9.3	205539.3	-1841.1	5937	9.8	211830.6	-1800.2	6027	9.5	214557.8	-1802.8	6117	9.8	221738.4	-1846.3
5848	9.1	205546.2	-1843.1	5938	9.4	211847.6	-1804.6	6028	9.5	214607.4	-1801.9	6118	8.5	221817.0	-1815.3
5849	8.0	205550.8	-1840.6	5939	9.3	211851.1	-1840.8	6029	8.5	214612.6	-1815.6	6119	8.5	221825.0	-1844.3
5850	9.0	205556.6	-1848.4	5940	9.3	211920.4	-1822.5	6030	9.4	214703.3	-1823.7	6120	9.0	221825.1	-1804.3
5851	8.7	205611.6	-1806.0	5941	9.5	211921.2	-1859.7	6031	9.4	214710.3	-1822.3	6121	8.9	221836.5	-1815.3
5852	9.8	205631.0	-1817.7	5942	9.5	211942.9	-1822.3	6032	9.0	214721.3	-1855.6	6122	9.1	221839.6	-1827.3
5853	9.6	205637.4	-1833.4	5943	9.6	212118.0	-1836.6	6033	9.6	214736.5	-1844.5	6123	9.7	221846.4	-1811.3
5854	9.8	205713.6	-1804.5	5944	9.8	212120.0	-1850.8	6034	9.7	214815.2	-1855.5	6124	9.4	221856.5	-1822.0
5855	9.8	205747.3	-1847.5	5945	10.	212123.2	-1844.3	6035	9.4	214829.4	-1807.8	6125	9.8	221904.5	-1809.9
5856	9.8	205800.1	-1830.2	5946	9.0	212144.2	-1858.6	6036	9.5	214840.4	-1818.9	6126	9.0	221906.6	-1831.2
5857	9.5	205801.3	-1846.0	5947	9.5	212218.7	-1843.0	6037	6.8	214846.3	-1834.8	6127	10.	221927.0	-1834.1
5858	9.8	205859.2	-1804.5	5948	9.5	212226.7	-1827.0	6038	9.2	214848.8	-1812.3	6128	9.2	221932.4	-1824.5
5859	9.8	205905.7	-1827.5	5949	9.8	212235.2	-1850.4	6039	9.7	214906.9	-1850.6	6129	8.0	221957.8	-1800.6
5860	8.2	205924.6	-1833.8	5950	10.	212236.0	-1846.4	6040	10.	214933.9	-1835.1	6130	9.0	222011.7	-1852.4
5861	9.6	205930.4	-1847.9	5951	8.9	212255.7	-1818.1	6041	9.5	214936.2	-1847.6	6131	9.9	222037.3	-1843.9
5862	7.2	205936.2	-1802.1	5952	9.3	212302.3	-1844.6	6042	8.8	215006.5	-1818.3	6132	9.8	222051.6	-1826.1
5863	9.7	205937.0	-1805.8	5953	9.1	212306.8	-1846.2	6043	9.6	215007.0	-1812.7	6133	9.1	222059.7	-1829.1
5864	9.5	205945.6	-1807.1	5954	9.8	212312.2	-1811.9	6044	9.5	215047.1	-1800.9	6134	9.5	222244.9	-1841.5
5865	9.4	205954.5	-1857.8	5955	9.7	212323.9	-1834.0	6045	9.3	215053.6	-1805.8	6135	8.8	222247.8	-1830.1
5866	9.4	210014.6	-1846.8	5956	9.5	212351.8	-1834.1	6046	9.2	215109.7	-1802.0	6136	9.3	222250.4	-1823.4
5867	9.5	210037.6	-1837.2	5957	9.2	212400.8	-1852.4	6047	8.0	215128.8	-1840.9	6137	9.5	222359.7	-1815.2
5868	9.7	210045.1	-1811.7	5958	9.1	212452.9	-1812.6	6048	9.2	215136.5	-1853.8	6138	9.0	222418.6	-1823.4
5869	9.8	210131.2	-1816.8	5959	9.4	212457.8	-1833.7	6049	9.5	215137.2	-1848.8	6139	10.	222458.2	-1821.8
5870	9.5	210131.5	-1859.4	5960	9.1	212543.5	-1836.4	6050	9.2	215137.8	-1844.6	6140	7.8	222513.3	-1814.8
5871	9.5	210208.6	-1834.9	5961	9.5	212547.7	-1828.7	6051	9.8	215211.1	-1817.3	6141	8.8	222516.2	-1810.6
5872	9.5	210212.3	-1836.4	5962	9.0	212547.8	-1830.0	6052	7.8	215221.3	-1804.5	6142	8.2	222532.2	-1830.8
5873	9.4	210213.9	-1826.7	5963	9.2	212558.9	-1813.6	6053	8.2	215320.6	-1812.8	6143	9.8	222550.8	-1815.1
5874	10.	210219.1	-1835.5	5964	9.8	212616.3	-1829.4	6054	9.6	215333.1	-1807.4	6144	9.7	222552.0	-1835.0
5875	8.0	210221.7	-1855.0	5965	9.2	212628.2	-1827.0	6055	8.9	215348.7	-1808.8	6145	8.8	222641.3	-1815.4
5876	9.4	210232.7	-1851.2	5966	10.	212635.1	-1839.7	6056	6.8	215412.5	-1835.8	6146	8.8	222651.4	-1853.1
5877	9.4	210236.2	-1849.6	5967	9.6	212723.8	-1829.2	6057	9.8	215415.2	-1823.3	6147	9.5	222658.5	-1841.2
5878	8.9	210236.6	-1803.7	5968	9.5	212733.5	-1845.8	6058	9.4	215447.3	-1802.1	6148	9.8	222724.2	-1853.7
5879	9.1	210319.8	-1837.5	5969	9.5	212759.9	-1839.5	6059	8.7	215459.7	-1807.5	6149	9.3	222731.3	-1833.9
5880	9.4	210337.3	-1808.2	5970	9.7	212814.8	-1823.1	6060	9.8	215531.0	-1843.1	6150	9.3	222737.3	-1834.2
5881	9.5	210339.4	-1847.6	5971	9.3	212824.4	-1848.6	6061	8.2	215613.2	-1830.6	6151	8.7	222739.1	-1800.3
5882	9.3	210341.1	-1856.8	5972	9.5	212827.8	-1831.0	6062	10.	215618.7	-1814.2	6152	8.5	222747.0	-1833.3
5883	9.1	210353.2	-1847.6	5973	9.4	212829.9	-1836.7	6063	9.5	215647.8	-1815.3	6153	8.1	222751.3	-1822.3
5884	9.4	210426.8	-1859.2	5974	9.7	212833.7	-1809.0	6064	9.5	215650.3	-1816.4	6154	6.5	222759.4	-1812.4
5885	9.5	210441.4	-1825.6	5975	9.5	212833.9	-1821.1	6065	9.3	215718.7	-1823.9	6155	9.7	222808.1	-1837.4
5886	8.3	210539.8	-1809.2	5976	9.4	212842.0	-1808.3	6066	9.8	215719.9	-1830.1	6156	9.3	222820.4	-1814.4
5887	9.4	210546.2	-1836.8	5977	9.5	212848.9	-1803.6	6067	9.4	215746.4	-1805.5	6157	9.5	222831.9	-1855.1
5888	9.0	210550.3	-1812.3	5978	9.2	212850.4	-1807.3	6068	9.4	215748.9	-1826.1	6158	9.8	222837.3	-1812.7
5889	9.4	210605.2	-1834.3	5979	9.8	212905.9	-1808.7	6069	9.8	215756.1	-1847.9	6159	8.8	222842.8	-1853.3
5890	9.4	210611.8	-1843.3	5980	9.3	212950.5	-1810.5	6070	9.2	215823.6	-1833.9	6160	10.	223031.9	-1824.5
5891	8.3	210621.9	-1830.1	5981	9.2	212955.0	-1858.8	6071	9.5	215902.3	-1827.8	6161	9.5	223032.8	-1851.5
5892	9.1	210651.4	-1810.6	5982	10.	213005.6	-1848.0	6072	8.5	215955.1	-1838.1	6162	9.5	223112.5	-1846.2
5893	8.8	210658.7	-1842.0	5983	9.8	213015.2	-1818.0	6073	9.4	215957.4	-1805.4	6163	8.2	223118.7	-1832.6
5894	9.9	210700.2	-1848.7	5984	9.4	213046.0	-1802.4	6074	9.4	220010.4	-1832.6	6164	10.	223138.4	-1801.0
5895	9.5	210707.8	-1839.1	5985	9.3	213118.9	-1800.8	6075	7.8	220017.0	-1832.0	6165	9.3	223153.0	-1809.1
5896	9.7	210712.3	-1808.2	5986	9.1	213128.5	-1846.0	6076	9.1	220100.0	-1836.5	6166	9.6	223153.8	-1835.6
5897	10.	210801.9	-1813.3	5987	9.6	213136.4	-1817.5	6077	9.0	220158.7	-1836.8	6167	9.0	223209.6	-1842.6
5898	9.5	210803.3	-1837.2	5988	9.6	213150.6	-1841.2	6078	8.6	220208.7	-1842.2	6168	8.7	223214.7	-1833.7
5899	9.7	210858.4	-1857.2	5989	9.2	213207.2	-1835.2	6079	9.4	220228.0	-1811.2	6169	9.6	223254.5	-1820.4
5900	9.3	210919.3	-1841.2	5990	9.5	213209.2	-1844.8	6080	9.8	220242.0	-1814.6	6170	9.5	223316.1	-1805.2
5901	9.4	210924.8	-1842.3	5991	9.5	213229.5	-1832.1	6081	9.8	220316.0	-1816.1	6171	9.6	223344.7	-1850.9
5902	9.1	210935.3	-1846.8	5992	8.9	213230.9	-1815.0	6082	9.1	220351.3	-1841.0	6172	9.4	223351.5	-1827.2
5903	5.8	210948.0	-1835.2	5993	9.6	213304.5	-1807.3	6083	9.4	220421.8	-1850.3	6173	9.1	223353.8	-1826.8

-18 6174 22h35m

-19 104 0h35m

6174	8.7	223501.6	-1808.5	6264	9.8	230328.3	-1800.8	6354	9.4	233203.1	-1814.9	15	9.4	00537.4	-1900.5
6175	9.3	223514.4	-1848.8	6265	9.6	230348.3	-1841.7	6355	9.8	233227.2	-1857.5	16	9.3	00604.5	-1914.9
6176	8.5	223526.6	-1836.3	6266	9.3	230420.5	-1850.2	6356	8.3	233332.3	-1819.8	17	9.0	00650.3	-1920.2
6177	9.8	223533.2	-1828.1	6267	8.9	230444.2	-1808.7	6357	5.3	233403.3	-1849.5	18	9.2	00700.1	-1916.1
6178	8.3	223601.1	-1821.5	6268	9.0	230455.8	-1806.7	6358	4.3	233413.7	-1836.9	19	9.0	00705.2	-1954.8
6179	9.2	223602.8	-1852.6	6269	9.4	230512.5	-1839.0	6359	8.5	233414.4	-1834.8	20	9.0	00705.9	-1914.3
6180	8.9	223604.8	-1816.9	6270	9.5	230549.7	-1826.2	6360	9.4	233417.9	-1856.0	21	5.0	00716.2	-1943.8
6181	9.5	223625.2	-1852.6	6271	8.6	230551.4	-1809.4	6361	9.5	233435.2	-1811.3	22	9.6	00718.8	-1915.2
6182	9.9	223631.0	-1843.4	6272	9.3	230608.8	-1815.9	6362	9.7	233516.7	-1812.0	23	9.0	00830.1	-1945.3
6183	9.7	223638.7	-1803.3	6273	9.6	230611.8	-1810.7	6363	9.6	233650.4	-1851.4	24	9.5	00848.0	-1925.2
6184	9.8	223654.6	-1812.4	6274	9.0	230640.8	-1809.9	6364	9.3	233700.3	-1825.0	25	8.8	00907.3	-1903.6
6185	9.4	223809.2	-1815.8	6275	9.4	230820.2	-1848.4	6365	9.8	233703.4	-1843.5	26	9.4	00924.5	-1912.6
6186	9.2	223815.5	-1851.9	6276	8.9	230834.2	-1831.5	6366	9.2	233709.6	-1841.3	27	9.7	00948.9	-1907.1
6187	9.2	223817.4	-1802.6	6277	10.	230837.4	-1816.1	6367	9.8	233808.4	-1832.8	28	9.9	00957.4	-1906.5
6188	10.	223855.9	-1844.9	6278	9.4	230906.7	-1843.1	6368	9.8	233823.0	-1846.9	29	9.3	01005.5	-1912.6
6189	9.8	223928.4	-1814.6	6279	8.0	230912.7	-1804.1	6369	9.4	233823.9	-1835.9	30	7.0	01011.2	-1951.1
6190	9.2	223929.9	-1835.8	6280	7.8	230929.8	-1857.2	6370	8.4	234001.1	-1844.2	31	10.	01023.7	-1945.8
6191	9.7	223937.9	-1812.5	6281	9.5	230956.0	-1812.5	6371	9.2	234052.8	-1841.7	32	9.9	01040.2	-1931.7
6192	6.9	223938.6	-1818.6	6282	9.7	231000.7	-1819.6	6372	9.3	234110.3	-1852.7	33	9.1	01042.2	-1933.5
6193	8.8	223941.3	-1820.6	6283	6.0	231145.4	-1851.9	6373	9.8	234143.9	-1823.5	34	9.5	01143.9	-1900.8
6194	8.3	223949.2	-1851.0	6284	9.2	231152.5	-1823.9	6374	9.8	234213.9	-1835.3	35	9.4	01156.6	-1914.8
6195	8.9	224007.5	-1854.5	6285	9.4	231243.2	-1831.5	6375	10.	234229.5	-1810.9	36	9.6	01238.3	-1950.0
6196	8.0	224049.8	-1801.0	6286	9.7	231246.3	-1829.7	6376	9.8	234235.7	-1828.8	37	10.	01315.3	-1943.3
6197	9.5	224140.2	-1835.1	6287	9.5	231249.3	-1800.7	6377	9.9	234237.2	-1845.1	38	9.5	01316.6	-1926.3
6198	9.6	224145.3	-1817.4	6288	9.3	231312.8	-1818.6	6378	8.6	234242.6	-1810.8	39	9.9	01351.7	-1907.1
6199	9.1	224215.6	-1848.2	6289	8.5	231319.3	-1822.6	6379	9.3	234259.3	-1856.4	40	9.6	01410.0	-1941.6
6200	9.8	224230.8	-1803.7	6290	10.	231331.6	-1851.6	6380	9.2	234324.4	-1852.0	41	9.9	01418.2	-1909.6
6201	9.5	224236.3	-1830.4	6291	8.8	231344.9	-1818.4	6381	9.0	234325.7	-1812.8	42	9.2	01427.9	-1946.7
6202	9.8	224258.8	-1833.5	6292	9.2	231418.8	-1814.1	6382	9.9	234336.6	-1806.9	43	9.4	01428.8	-1910.8
6203	8.8	224307.2	-1834.9	6293	9.5	231604.9	-1807.5	6383	8.9	234404.0	-1840.2	44	9.5	01447.1	-1916.1
6204	9.8	224325.3	-1828.5	6294	9.2	231611.8	-1818.0	6384	9.6	234421.4	-1847.2	45	9.5	01449.1	-1941.2
6205	9.3	224342.6	-1832.9	6295	7.8	231615.4	-1834.8	6385	10.	234427.5	-1807.7	46	9.7	01536.1	-1917.6
6206	10.	224446.9	-1805.9	6296	9.8	231616.6	-1808.5	6386	9.5	234433.0	-1802.3	47	10.	01552.0	-1957.4
6207	9.7	224459.7	-1848.1	6297	8.7	231628.4	-1829.7	6387	8.8	234443.3	-1812.4	48	7.5	01604.4	-1941.2
6208	9.5	224507.9	-1829.1	6298	10.	231645.1	-1843.7	6388	9.4	234448.2	-1857.2	49	9.3	01629.8	-1906.0
6209	9.1	224532.6	-1837.9	6299	9.2	231648.5	-1806.9	6389	8.2	234450.5	-1849.6	50	9.1	01645.4	-1953.5
6210	9.7	224548.4	-1801.4	6300	8.5	231656.1	-1825.4	6390	9.8	234458.7	-1809.0	51	10.	01704.5	-1940.9
6211	9.4	224552.4	-1845.7	6301	9.5	231715.4	-1825.3	6391	9.3	234514.8	-1826.0	52	9.2	01728.6	-1949.0
6212	9.0	224606.7	-1802.8	6302	9.5	231719.2	-1855.4	6392	9.8	234607.0	-1829.3	53	7.3	01729.9	-1916.0
6213	8.7	224612.9	-1849.4	6303	10.	231723.0	-1810.7	6393	9.6	234730.3	-1836.2	54	8.8	01737.1	-1910.6
6214	9.7	224651.4	-1834.4	6304	8.3	231728.7	-1825.4	6394	9.2	234738.0	-1825.2	55	8.7	01816.6	-1936.6
6215	9.2	224721.0	-1814.6	6305	8.4	231735.0	-1853.0	6395	9.4	234739.4	-1847.1	56	9.3	01817.8	-1940.4
6216	9.4	224728.5	-1817.0	6306	9.1	231749.5	-1804.4	6396	9.7	234743.5	-1847.8	57	9.4	01821.7	-1949.8
6217	8.8	224730.5	-1801.0	6307	9.5	231827.1	-1855.2	6397	7.5	234757.1	-1838.1	58	7.0	01902.6	-1929.6
6218	9.8	224819.1	-1827.0	6308	9.6	231922.7	-1853.8	6398	9.3	234805.9	-1842.3	59	9.1	01913.9	-1941.2
6219	9.5	224825.3	-1824.6	6309	9.4	231936.2	-1843.5	6399	9.1	234819.9	-1835.7	60	9.5	01917.7	-1954.2
6220	9.4	224833.8	-1842.1	6310	9.0	231945.6	-1823.2	6400	9.4	234823.2	-1834.1	61	9.1	01955.7	-1952.7
6221	9.4	224852.3	-1844.3	6311	9.5	232001.1	-1803.2	6401	9.3	234835.9	-1823.4	62	10.	02059.2	-1941.0
6222	10.	224944.7	-1818.4	6312	9.5	232004.7	-1846.8	6402	8.7	234839.7	-1848.7	63	10.	02132.8	-1916.1
6223	10.	224952.9	-1823.5	6313	9.3	232017.7	-1801.0	6403	8.5	234907.6	-1804.6	64	9.9	02208.6	-1917.1
6224	9.2	225019.6	-1816.1	6314	9.6	232106.1	-1811.1	6404	9.8	235054.3	-1815.9	65	8.5	02237.8	-1950.3
6225	8.1	225026.2	-1827.7	6315	9.7	232117.9	-1821.6	6405	9.2	235059.0	-1802.4	66	9.5	02252.8	-1934.4
6226	9.7	225030.5	-1828.0	6316	9.2	232129.3	-1853.6	6406	9.5	235126.1	-1827.2	67	8.2	02256.8	-1959.1
6227	9.9	225057.1	-1833.4	6317	8.9	232216.2	-1804.1	6407	9.7	235217.5	-1836.0	68	7.8	02318.8	-1925.0
6228	10.	225123.2	-1805.5	6318	9.8	232233.2	-1829.3	6408	9.6	235227.5	-1835.9	69	9.5	02320.4	-1926.8
6229	9.5	225128.9	-1822.0	6319	9.2	232233.2	-1804.8	6409	8.4	235238.7	-1849.2	70	10.	02358.4	-1945.5
6230	9.8	225159.9	-1841.0	6320	9.5	232244.9	-1856.2	6410	9.2	235249.7	-1859.0	71	8.8	02359.1	-1957.3
6231	9.8	225200.3	-1809.1	6321	8.9	232321.3	-1844.6	6411	9.3	235326.5	-1827.3	72	10.	02428.3	-1932.3
6232	9.5	225227.7	-1823.3	6322	9.2	232328.7	-1812.4	6412	10.	235503.4	-1850.0	73	9.1	02429.9	-1923.8
6233	9.4	225257.6	-1853.9	6323	9.9	232339.5	-1859.0	6413	9.3	235534.1	-1808.4	74	7.0	02447.0	-1901.0
6234	9.4	225259.0	-1822.0	6324	10.	232412.9	-1837.5	6414	9.5	235602.0	-1806.4	75	10.	02500.3	-1923.0
6235	10.	225340.8	-1821.5	6325	9.7	232414.0	-1815.4	6415	9.5	235603.5	-1859.3	76	9.0	02525.5	-1929.1
6236	9.2	225348.0	-1832.1	6326	9.9	232416.7	-1833.4	6416	8.8	235610.1	-1821.2	77	10.	02613.4	-1941.3
6237	9.2	225400.2	-1859.8	6327	9.9	232442.8	-1819.6	6417	4.7	235618.0	-1808.2	78	9.5	02632.0	-1910.1
6238	9.5	225404.3	-1831.5	6328	7.8	232501.8	-1824.7	6418	9.1	235628.1	-1832.5	79	10.	02704.5	-1934.5
6239	9.2	225426.6	-1843.0	6329	9.5	232502.9	-1836.1	6419	8.5	235649.1	-1813.7	80	8.9	02801.0	-1900.1
6240	9.5	225431.3	-1809.2	6330	8.2	232508.8	-1836.4	6420	9.7	235707.1	-1816.9	81	8.2	02801.4	-1913.3
6241	10.	225513.0	-1845.7	6331	8.5	232517.0	-1851.3	6421	8.7	235731.0	-1859.2	82	7.8	02803.5	-1921.2
6242	10.	225513.4	-1834.7	6332	9.2	232531.9	-1842.8	6422	9.8	235738.9	-1852.9	83	9.7	02821.2	-1952.2
6243	8.8	225515.1	-1805.8	6333	8.9	232541.4	-1825.8	6423	9.6	235800.8	-1822.2	84	9.8	02841.7	-1934.3
6244	9.8	225515.8	-1823.2	6334	9.5	232606.9	-1805.5	6424	9.1	235819.0	-1858.8	85	8.5	02844.4	-1933.7
6245	9.7	225529.8	-1810.0	6335	9.8	232613.9	-1849.4	6425	9.1	235823.1	-1807.4	86	9.5	02849.8	-1958.3
6246	9.7	225534.4	-1817.5	6336	10.	232622.4	-1815.5	6426	7.5	235858.9	-1850.5	87	9.2	02924.1	-1938.8
6247	9.4	225551.7	-1849.1	6337	8.9	232634.4	-1841.5	6427	9.0	235913.5	-1826.3	88	9.6	02934.1	-1943.3
6248	9.9	225612.9	-1812.6	6338	9.6	232639.4	-1806.1	6428	6.5	235953.2	-1811.5	89	10.	03002.2	-1934.1
6249	10.	225632.4	-1807.5	6339	8.8	232713.5	-1830.6	6429	9.4	235958.8	-1840.2	90	9.8	03050.8	-1912.5
6250	9.1	225641.5	-1804.4	6340	9.9	232845.0	-1834.4	1	10.	00013.6	-1910.0	91	10.	03117.4	-1945.0
6251	9.3	225654.2	-1841.1	6341	9.2	232852.6	-1842.0	2	8.8	00034.6	-1929.4	92	8.8	03132.3	-1916.7
6252	10.	225821.0	-1810.5	6342	8.8	232909.1	-1802.3	3	9.5	00134.8	-1941.5	93	8.0	03135.2	-1940.0
6253	9.5	225927.1	-1804.7	6343	9.5	232914.1	-1838.6	4	8.8	00155.3	-1918.2	94	9.5	03203.3	-1947.8
6254	9.6	225938.5	-1858.3	6344	9.5	232918.0	-1837.8	5	9.4	00247.3	-1940.3	95	9.8	03209.8	-1927.4
6255	9.6	230036.2	-1830.4	6345	8.3	232928.8	-1821.7	6	9.5	00253.3	-1940.3	96	9.1	03252.0	-1921.1
6256	9.5	230043.9	-1852.4	6346	9.4	232938.1	-1841.9	7	8.0	00334.1	-1922.7	97	9.8	03257.2	-1956.6
6257	8.5	230113.1	-1813.2	6347	10.	233020.4	-1847.8	8	9.2	00343.1	-1919.7	98	9.5	03317.5	-1959.5
6258	8.5	230211.1	-1819.6	6348	9.7	233039.7	-1848.9	9	9.1	00354.6	-1957.8	99	9.8	03330.4	-1929.2
6259	8.6	230225.6	-1813.8	6349	9.6	233049.0	-1831.8	10	8.8	00405.3	-1930.7	100	9.8	03332.9	-1939.0
6260	8.7	230234.9	-1825.6	6350	9.8	233107.3	-1809.0	11	7.3	00411.2	-1924.2	101	9.2	03424.4	-1936.8
6261	9.5	230254.5	-1816.9	6351	9.8	233139.2	-1801.9	12	9.8	00419.5	-1936.9	102	9.1	03525.4	-1924.8
6262	8.5	230300.4	-1820.6	6352	9.6	233146.6	-1839.3	13	9.8	00426.7	-1949.5	103	9.5	03527.4	-1923.0
6263	9.8	230317.2	-1830.5	6353	8.4	233147.1	-1835.5	14	9.0	00502.2	-1920.3	104	8.5	03529.0	-1952.0

105	9.3	03547.4	-1959.1	195	7.0	10354.6	-1934.3	285	9.3	13234.4	-1936.9	375	9.8	15800.8	-1907.4
106	9.2	03603.9	-1938.6	196	9.0	10429.3	-1940.8	286	9.0	13236.7	-1909.5	376	9.7	15818.1	-1957.5
107	9.1	03610.7	-1903.5	197	9.2	10435.3	-1915.6	287	9.3	13242.6	-1902.5	377	9.7	15819.9	-1932.2
108	9.8	03701.8	-1919.4	198	9.4	10505.6	-1934.1	288	9.4	13244.6	-1959.1	378	9.7	15828.3	-1950.3
109	9.5	03714.1	-1945.8	199	9.1	10617.5	-1948.3	289	9.6	13331.5	-1918.4	379	9.4	15855.4	-1902.3
110	9.5	03715.3	-1921.2	200	8.9	10622.9	-1955.9	290	9.9	13336.9	-1941.4	380	9.5	15855.4	-1939.6
111	9.5	03719.6	-1944.4	201	9.7	10626.4	-1949.4	291	9.4	13409.8	-1929.1	381	9.7	15856.7	-1905.7
112	9.2	03720.9	-1913.8	202	10.	10647.5	-1944.1	292	7.5	13504.6	-1955.4	382	9.5	15902.1	-1917.3
113	9.8	03750.5	-1930.5	203	10.	10653.5	-1945.9	293	10.	13555.6	-1925.2	383	9.6	15908.6	-1953.3
114	9.4	03819.8	-1956.0	204	9.6	10701.4	-1920.4	294	9.4	13603.6	-1952.8	384	9.3	15926.1	-1948.8
115	9.5	03909.6	-1926.0	205	10.	10723.6	-1934.9	295	10.	13612.4	-1929.2	385	9.4	15954.4	-1905.8
116	9.0	03937.4	-1905.7	206	9.7	10806.7	-1958.2	296	9.4	13616.9	-1936.7	386	6.3	20000.1	-1949.2
117	9.6	03939.0	-1918.8	207	9.1	10831.6	-1946.4	297	9.6	13622.4	-1926.0	387	9.1	20017.8	-1941.9
118	8.7	03945.1	-1941.9	208	8.2	10837.5	-1910.6	298	9.2	13653.6	-1918.0	388	10.	20035.0	-1907.5
119	9.8	03946.3	-1950.4	209	9.5	10842.6	-1940.7	299	9.4	13659.1	-1955.4	389	8.7	20105.4	-1903.3
120	9.8	03958.4	-1921.9	210	9.3	10909.1	-1925.8	300	9.0	13719.5	-1944.1	390	8.3	20107.8	-1936.2
121	9.8	04029.1	-1913.5	211	9.3	11008.1	-1954.6	301	9.1	13729.2	-1923.7	391	10.	20127.1	-1927.5
122	9.5	04048.8	-1955.4	212	9.0	11012.7	-1937.5	302	9.2	13753.4	-1907.8	392	9.1	20130.9	-1919.4
123	9.3	04057.3	-1953.0	213	9.3	11014.8	-1950.2	303	9.8	13828.7	-1916.1	393	9.0	20130.9	-1909.4
124	8.9	04116.2	-1927.5	214	9.0	11015.5	-1947.3	304	9.9	13831.8	-1926.8	394	10.	20138.0	-1958.1
125	10.	04120.3	-1944.5	215	9.3	11030.7	-1937.5	305	9.6	13833.5	-1905.2	395	9.5	20144.1	-1933.2
126	8.3	04128.1	-1919.9	216	9.1	11037.7	-1930.7	306	10.	13907.4	-1938.9	396	9.4	20156.7	-1935.2
127	9.0	04202.7	-1947.4	217	9.8	11119.3	-1932.2	307	10.	13934.3	-1947.7	397	10.	20208.9	-1905.8
128	9.8	04204.8	-1953.5	218	9.1	11142.8	-1952.1	308	9.8	13936.1	-1928.5	398	9.4	20241.8	-1901.9
129	9.2	04226.8	-1927.8	219	9.5	11237.4	-1914.0	309	9.9	13939.0	-1918.6	399	9.7	20337.6	-1917.1
130	9.7	04301.2	-1957.8	220	9.6	11250.6	-1919.5	310	9.4	14000.3	-1909.8	400	9.8	20343.8	-1952.0
131	9.9	04301.9	-1949.2	221	9.7	11320.5	-1920.9	311	10.	14021.3	-1957.4	401	8.9	20409.5	-1913.4
132	9.5	04311.9	-1952.4	222	9.3	11333.9	-1901.5	312	9.8	14026.8	-1906.9	402	7.5	20418.9	-1959.7
133	8.6	04327.2	-1917.8	223	10.	11343.5	-1913.1	313	10.	14027.7	-1917.4	403	10.	20418.9	-1952.7
134	9.5	04331.9	-1953.0	224	9.1	11353.6	-1903.9	314	9.6	14056.6	-1925.4	404	9.8	20419.0	-1933.1
135	10.	04345.8	-1924.5	225	9.1	11401.4	-1929.3	315	10.	14111.7	-1941.2	405	9.8	20435.4	-1912.3
136	9.5	04418.4	-1945.0	226	9.8	11428.5	-1901.2	316	9.0	14126.6	-1924.2	406	7.2	20442.7	-1939.2
137	8.8	04419.1	-1918.0	227	8.8	11448.4	-1943.4	317	8.0	14153.6	-1906.4	407	9.3	20446.7	-1928.7
138	9.8	04425.0	-1950.7	228	8.5	11524.0	-1933.8	318	7.9	14209.2	-1912.0	408	10.	20550.9	-1955.4
139	9.0	04526.0	-1947.8	229	6.9	11528.2	-1950.2	319	9.4	14233.6	-1907.3	409	9.1	20627.0	-1919.6
140	8.5	04533.9	-1922.2	230	9.9	11544.1	-1913.3	320	9.0	14233.8	-1944.1	410	9.9	20646.3	-1928.4
141	10.	04716.5	-1931.0	231	9.8	11544.9	-1942.8	321	8.6	14246.8	-1939.2	411	9.8	20650.4	-1937.2
142	9.5	04736.1	-1928.8	232	8.9	11557.3	-1940.4	322	9.2	14249.6	-1920.9	412	9.7	20651.5	-1928.7
143	8.0	04837.8	-1918.9	233	9.5	11616.1	-1922.5	323	9.0	14256.5	-1955.7	413	9.8	20801.7	-1901.7
144	8.3	04842.1	-1932.7	234	9.3	11618.7	-1908.4	324	9.7	14419.3	-1927.1	414	10.	20821.3	-1927.9
145	9.3	04924.1	-1939.2	235	8.7	11620.1	-1911.5	325	9.7	14420.8	-1926.2	415	9.1	20835.1	-1917.6
146	9.5	05014.2	-1924.4	236	9.1	11628.5	-1913.9	326	8.7	14433.5	-1959.8	416	8.6	20906.0	-1948.7
147	7.2	05027.7	-1946.7	237	10.	11647.2	-1949.2	327	9.9	14454.4	-1932.0	417	10.	20911.7	-1954.1
148	10.	05101.7	-1943.5	238	9.1	11655.0	-1938.6	328	9.4	14528.8	-1937.1	418	9.8	20938.1	-1954.4
149	8.9	05140.7	-1917.8	239	9.5	11720.7	-1950.5	329	10.	14531.0	-1955.9	419	9.5	21017.3	-1902.3
150	9.2	05151.8	-1935.7	240	9.4	11729.2	-1905.0	330	9.8	14626.3	-1929.5	420	9.2	21032.0	-1947.5
151	9.5	05209.5	-1914.0	241	9.3	11738.9	-1930.8	331	9.5	14658.0	-1928.2	421	9.0	21139.6	-1955.9
152	10.	05312.8	-1918.0	242	8.8	11838.6	-1919.1	332	8.8	14659.5	-1943.0	422	9.8	21144.2	-1952.1
153	9.9	05331.6	-1933.5	243	10.	11918.7	-1903.4	333	9.1	14720.0	-1929.8	423	10.	21208.0	-1927.8
154	9.5	05342.9	-1944.3	244	9.4	11931.8	-1905.4	334	9.5	14808.3	-1950.6	424	9.2	21216.5	-1932.7
155	8.0	05357.9	-1937.3	245	9.7	11944.7	-1952.9	335	9.4	14809.0	-1934.1	425	9.2	21225.8	-1913.5
156	9.3	05406.6	-1959.7	246	8.7	11959.8	-1905.8	336	8.9	14826.4	-1959.3	426	8.5	21235.5	-1914.4
157	10.	05434.2	-1900.1	247	9.4	12000.2	-1922.7	337	9.7	14842.3	-1937.4	427	7.8	21253.0	-1948.7
158	9.2	05440.1	-1920.6	248	9.1	12016.4	-1907.6	338	9.0	14842.8	-1935.5	428	9.8	21253.3	-1957.8
159	9.8	05452.2	-1953.6	249	10.	12018.2	-1945.3	339	10.	14846.4	-1955.0	429	8.9	21310.7	-1943.3
160	9.6	05502.4	-1914.2	250	9.6	12043.1	-1915.2	340	10.	14912.5	-1935.4	430	9.3	21325.2	-1911.3
161	9.6	05511.0	-1949.4	251	9.3	12102.0	-1914.5	341	8.3	14920.2	-1920.0	431	9.5	21342.4	-1906.3
162	9.7	05517.7	-1906.9	252	9.5	12119.2	-1931.5	342	10.	14941.0	-1938.1	432	9.8	21401.1	-1918.2
163	9.5	05536.2	-1916.4	253	9.9	12132.1	-1956.3	343	9.8	14949.3	-1938.5	433	10.	21420.2	-1944.0
164	9.6	05547.5	-1913.8	254	9.7	12228.7	-1915.7	344	10.	14949.5	-1925.0	434	9.9	21424.3	-1950.6
165	9.4	05550.5	-1951.6	255	9.8	12235.5	-1920.1	345	9.5	14957.8	-1925.9	435	9.4	21437.5	-1957.4
166	9.9	05608.9	-1915.9	256	9.4	12252.5	-1930.6	346	9.6	15047.7	-1914.1	436	9.1	21439.5	-1904.7
167	9.5	05632.0	-1944.0	257	9.8	12312.6	-1939.8	347	9.5	15051.8	-1949.1	437	9.6	21444.0	-1918.3
168	8.5	05652.6	-1920.9	258	9.2	12321.7	-1930.5	348	9.8	15104.0	-1918.4	438	9.5	21505.0	-1911.8
169	9.3	05659.5	-1930.4	259	9.8	12322.1	-1913.7	349	10.	15117.8	-1910.2	439	9.8	21511.4	-1959.6
170	9.6	05659.6	-1909.6	260	9.3	12322.5	-1924.0	350	10.	15121.4	-1917.6	440	10.	21520.7	-1924.2
171	8.5	05734.2	-1905.8	261	9.8	12322.8	-1948.0	351	10.	15135.2	-1948.0	441	9.5	21531.1	-1924.4
172	9.4	05801.1	-1946.5	262	7.0	12433.4	-1945.7	352	9.3	15149.0	-1905.8	442	9.7	21602.6	-1958.8
173	10.	05804.1	-1909.1	263	8.0	12438.9	-1946.7	353	10.	15214.2	-1936.0	443	9.5	21605.8	-1914.2
174	9.6	05818.0	-1912.0	264	9.4	12508.9	-1911.7	354	9.8	15228.0	-1905.8	444	6.3	21607.5	-1900.6
175	9.5	05819.6	-1930.1	265	8.2	12516.0	-1918.6	355	10.	15237.9	-1955.7	445	10.	21658.7	-1918.6
176	10.	05828.1	-1934.2	266	7.7	12535.5	-1943.1	356	9.2	15312.7	-1935.8	446	10.	21707.8	-1931.9
177	9.3	05840.1	-1922.8	267	9.5	12545.4	-1928.0	357	9.5	15316.1	-1928.8	447	9.9	21715.7	-1911.9
178	8.7	05902.2	-1936.6	268	9.2	12551.2	-1916.4	358	9.6	15325.6	-1955.7	448	10.	21719.9	-1935.6
179	9.5	05948.3	-1905.3	269	7.5	12604.3	-1954.1	359	10.	15339.8	-1948.9	449	10.	21722.7	-1918.4
180	8.9	10020.6	-1955.2	270*	8.4	12606.8	-1934.5	360	9.8	15350.4	-1951.6	450	9.5	21735.0	-1954.5
181	9.8	10021.3	-1952.5	271	9.8	12657.0	-1940.8	361	9.4	15352.6	-1904.7	451	9.7	21749.5	-1902.4
182	9.1	10026.4	-1904.0	272	9.9	12709.4	-1931.4	362	9.3	15359.2	-1907.7	452	9.4	21804.2	-1921.4
183	9.8	10054.2	-1945.2	273	9.5	12723.7	-1956.1	363	9.1	15514.7	-1924.6	453	9.1	21840.1	-1915.0
184	10.	10101.8	-1915.0	274	8.3	12808.6	-1913.9	364	9.0	15525.3	-1935.8	454	10.	21852.9	-1937.4
185	9.0	10112.7	-1943.5	275	10.	12809.5	-1937.0	365	9.1	15606.9	-1956.3	455	8.9	21943.5	-1944.6
186	8.3	10119.0	-1956.4	276	9.5	12920.7	-1925.4	366	10.	15613.3	-1925.1	456	9.9	21957.4	-1935.7
187	9.9	10139.2	-1923.2	277	10.	12935.8	-1926.9	367	9.4	15618.4	-1933.6	457	10.	22004.8	-1959.7
188	9.5	10206.5	-1904.8	278	9.0	13012.6	-1912.7	368	9.5	15626.9	-1931.6	458	9.1	22023.5	-1956.1
189	10.	10256.9	-1951.6	279	10.	13014.8	-1934.7	369	8.0	15644.9	-1918.9	459	10.	22103.6	-1945.7
190	9.5	10308.3	-1923.4	280	9.6	13034.0	-1950.6	370	9.1	15650.0	-1925.8	460	9.1	22140.0	-1933.6
191	9.7	10317.6	-1924.0	281	9.7	13038.9	-1915.5	371	9.0	15711.4	-1937.2	461	7.8	22205.3	-1916.0
192	9.5	10327.4	-1927.1	282	9.0	13146.8	-1926.0	372	9.9	15724.4	-1928.3	462	8.6	22220.4	-1911.0
193	9.4	10351.0	-1909.6	283	9.9	13214.0	-1949.7	373	9.4	15729.9	-1928.3	463	8.2	22221.9	-1955.9
194	10.	10354.6	-1958.0	284	8.8	13218.3	-1932.2	374	8.9	15759.0	-1949.6	464	10.	22247.5	-1938.5

465	10.	22259.6	-1952.3	555	9.2	24702.7	-1946.7	645	9.3	31022.7	-1940.3
466	9.5	22320.6	-1930.2	556	9.3	24713.3	-1953.5	646	10.	31034.5	-1910.0
467	9.6	22347.7	-1943.0	557	9.2	24720.1	-1903.5	647	9.2	31038.7	-1944.3
468	10.	22359.5	-1934.7	558	9.8	24730.2	-1904.6	648	8.5	31133.7	-1935.5
469	10.	22404.1	-1923.8	559	10.	24732.0	-1921.3	649	9.1	31141.3	-1946.7
470	9.6	22438.3	-1918.5	560	9.7	24758.4	-1913.3	650	8.8	31145.2	-1909.0
471	9.1	22514.2	-1947.4	561	9.7	24806.2	-1913.2	651	5.9	31204.1	-1905.2
472	8.8	22527.6	-1906.7	562	10.	24824.9	-1954.0	652	9.7	31245.0	-1953.7
473	8.8	22620.9	-1900.0	563	9.8	24855.2	-1936.0	653	9.1	31305.7	-1908.8
474	9.5	22702.2	-1918.1	564	8.6	24855.7	-1928.0	654	7.3	31311.4	-1921.6
475	10.	22705.1	-1901.2	565	8.5	24858.2	-1943.4	655	10.	31317.2	-1911.3
476	9.8	22722.7	-1925.7	566	8.9	24913.4	-1921.3	656	9.2	31321.8	-1942.6
477	8.8	22740.3	-1951.4	567	9.3	24932.5	-1902.1	657	9.5	31345.7	-1901.0
478	10.	22749.6	-1907.9	568	8.3	24943.3	-1917.5	658	9.6	31353.7	-1956.7
479	10.	22757.5	-1926.3	569	9.1	25040.3	-1937.9	659	9.8	31412.1	-1920.9
480	10.	22811.9	-1915.7	570	9.0	25058.0	-1953.9	660	9.4	31416.3	-1947.5
481	9.9	22844.8	-1942.1	571	9.5	25107.8	-1920.8	661	9.8	31503.3	-1941.7
482	9.4	22905.2	-1903.6	572	9.5	25110.0	-1900.8	662	9.0	31519.7	-1955.2
483	8.9	22907.4	-1946.6	573	9.0	25111.2	-1901.4	663	9.4	31523.4	-1920.6
484	10.	22909.3	-1938.4	574	9.9	25113.3	-1923.2	664	9.5	31542.3	-1921.5
485	10.	22928.7	-1928.1	575	10.	25140.9	-1935.5	665	9.8	31553.2	-1904.7
486	10.	22933.5	-1957.0	576	9.6	25202.4	-1945.5	666	8.5	31611.4	-1937.1
487	9.1	22934.4	-1935.7	577	9.5	25216.9	-1936.1	667	9.0	31614.9	-1950.3
488	10.	22953.4	-1943.5	578	9.5	25240.3	-1902.2	668	9.8	31641.3	-1902.1
489	9.2	23001.5	-1955.8	579	9.5	25244.1	-1915.2	669	9.8	31711.1	-1959.4
490	10.	23003.6	-1931.5	580	9.1	25305.0	-1947.1	670	9.9	31737.3	-1914.3
491	9.4	23101.5	-1909.9	581	8.9	25326.9	-1926.9	671	9.4	31744.9	-1947.4
492	9.9	23103.7	-1914.8	582	9.5	25330.4	-1910.6	672	9.7	31801.9	-1945.9
493	9.0	23130.8	-1920.7	583	9.8	25351.0	-1945.1	673	9.1	31825.8	-1905.0
494	9.8	23138.4	-1940.2	584	10.	25352.5	-1935.5	674	8.3	31941.4	-1924.3
495	10.	23140.2	-1936.9	585	9.5	25402.4	-1937.7	675	9.2	31951.5	-1911.3
496	9.5	23151.1	-1949.5	586	10.	25409.0	-1939.2	676	9.5	32008.4	-1940.3
497	10.	23227.6	-1953.3	587	9.8	25416.9	-1931.7	677	9.3	32010.9	-1908.9
498	8.5	23257.0	-1936.9	588	9.9	25418.8	-1950.7	678	9.5	32029.9	-1919.2
499	9.5	23327.9	-1901.0	589	9.8	25502.6	-1941.9	679	9.2	32030.1	-1908.4
500	9.2	23340.7	-1950.7	590	10.	25511.5	-1925.4	680	8.5	32037.5	-1912.3
501	8.3	23352.5	-1922.3	591	8.0	25515.7	-1955.2	681	9.3	32100.4	-1930.5
502	9.9	23410.2	-1949.7	592	9.1	25528.5	-1931.5	682	9.9	32116.5	-1949.7
503	9.6	23415.2	-1918.4	593	8.8	25607.0	-1901.3	683	8.5	32205.2	-1909.3
504	8.3	23419.5	-1913.5	594	8.0	25627.0	-1904.3	684	9.9	32216.9	-1957.5
505	9.2	23445.2	-1958.3	595	9.6	25639.0	-1931.8	685	10.	32227.5	-1925.4
506	9.5	23515.5	-1902.6	596	9.7	25708.0	-1919.3	686	9.7	32245.7	-1919.1
507	9.4	23518.4	-1900.9	597	9.1	25800.4	-1910.0	687	9.1	32304.9	-1913.2
508	9.0	23529.9	-1936.6	598	9.8	25821.1	-1909.2	688	9.1	32314.4	-1932.2
509	9.0	23533.8	-1950.0	599	9.3	25823.0	-1918.4	689	9.5	32324.1	-1946.3
510	8.5	23625.3	-1958.2	600	7.3	25835.2	-1938.5	690	10.	32338.1	-1945.9
511	9.8	23626.1	-1954.6	601	9.4	25843.3	-1958.1	691	9.8	32342.3	-1917.8
512	8.8	23626.7	-1939.7	602	9.6	25911.7	-1943.	692	9.2	32403.3	-1912.7
513	9.2	23729.4	-1918.4	603	9.0	25924.2	-1945.	693	9.0	32404.8	-1934.7
514	9.5	23737.7	-1934.8	604	8.6	25925.3	-1951.	694	7.5	32408.9	-1955.7
515	9.5	23748.3	-1935.9	605	9.1	25931.6	-1918.	695	9.4	32440.2	-1910.7
516	9.8	23749.9	-1926.1	606	9.7	25948.9	-1912.	696	10.	32457.6	-1941.0
517	9.9	23752.8	-1934.8	607	10.	25952.1	-1947.	697	10.	32458.6	-1923.3
518	4.0	23820.3	-1911.1	608	9.8	30009.5	-1909.	698	8.3	32517.2	-1948.3
519	9.9	23842.9	-1951.0	609	8.5	30010.3	-1919.8	699	10.	32541.6	-1921.7
520	9.4	23920.8	-1929.9	610	9.4	30011.3	-1917.7	700	8.5	32623.8	-1945.1
521	8.7	23946.7	-1930.2	611	9.9	30040.6	-1918.7	701	9.4	32631.4	-1918.3
522	9.0	23950.9	-1903.6	612	8.9	30103.4	-1951.6	702	9.3	32654.3	-1946.7
523	9.3	23952.4	-1930.4	613	9.6	30113.6	-1915.3	703	8.5	32703.2	-1933.0
524	9.3	23957.3	-1930.9	614	9.6	30118.7	-1920.2	704	9.4	32706.7	-1933.3
525	8.9	24018.8	-1934.2	615	9.6	30120.8	-1930.5	705	9.1	32831.1	-1910.5
526	9.4	24037.3	-1926.6	616	7.8	30133.4	-1951.6	706	9.9	32841.7	-1917.9
527	9.0	24040.9	-1916.0	617	7.3	30217.8	-1931.3	707	8.0	32940.0	-1901.7
528	10.	24109.5	-1949.2	618	8.5	30229.2	-1926.2	708	7.3	32954.5	-1951.1
529	8.9	24124.2	-1958.6	619	8.6	30257.9	-1935.4	709	9.1	33026.3	-1930.2
530	8.3	24131.8	-1917.4	620	8.9	30301.0	-1900.6	710	9.9	33035.9	-1940.1
531	9.0	24144.9	-1935.9	621	10.	30301.3	-1917.9	711	10.	33053.3	-1922.5
532	9.7	24212.0	-1906.5	622	9.3	30351.9	-1916.3	712	9.1	33123.4	-1935.4
533	8.3	24212.4	-1937.9	623	9.8	30449.8	-1903.2	713	9.6	33127.1	-1947.5
534	9.2	24232.2	-1914.0	624	9.1	30501.5	-1916.7	714	8.7	33157.6	-1913.3
535	9.3	24253.5	-1956.6	625	9.2	30512.7	-1954.2	715	9.4	33247.4	-1956.5
536	9.0	24317.5	-1904.2	626	9.0	30512.8	-1905.7	716	10.0	33258.4	-1910.0
537	9.9	24324.9	-1931.7	627	8.7	30531.9	-1922.7	717	8.0	33259.4	-1928.2
538	9.9	24334.0	-1930.8	628	10.	30547.8	-1925.2	718	10.	33322.1	-1949.6
539	9.8	24349.6	-1906.2	629	9.7	30620.5	-1902.7	719	10.	33323.7	-1914.1
540	10.	24418.0	-1928.5	630	8.7	30627.4	-1905.2	720	10.0	33340.7	-1903.4
541	8.8	24421.6	-1949.9	631	9.2	30646.9	-1909.5	721	9.5	33341.4	-1925.0
542	10.	24428.5	-1932.3	632	10.	30658.0	-1932.9	722	8.7	33352.6	-1949.2
543	10.	24437.2	-1919.1	633	8.2	30700.9	-1914.9	723	8.8	33402.2	-1953.4
544	10.	24502.0	-1924.6	634	9.6	30735.7	-1916.7	724	7.0	33410.1	-1956.5
545	9.8	24506.4	-1921.1	635	10.	30804.1	-1918.3	725	8.6	33443.7	-1951.9
546	9.7	24516.5	-1916.4	636	9.1	30904.3	-1953.0	726	9.1	33444.8	-1955.6
547	10.	24517.4	-1918.9	637	9.6	30906.8	-1935.0	727	9.4	33511.6	-1910.4
548	9.7	24524.1	-1912.2	638	9.4	30909.4	-1920.7	728	8.9	33540.5	-1928.1
549	9.0	24542.9	-1921.0	639	9.3	30912.7	-1953.2	729	9.2	33604.6	-1910.1
550	8.9	24602.7	-1902.4	640	9.0	30918.2	-1922.7	730	8.7	33610.5	-1916.8
551	9.9	24607.0	-1916.7	641	9.5	30918.2	-1929.0	731	9.3	33612.0	-1907.4
552	9.8	24624.3	-1928.7	642	9.4	30925.7	-1930.5	732	7.4	33614.3	-1910.4
553	8.8	24651.6	-1917.3	643	8.0	30930.0	-1953.5	733	7.0	33722.6	-1934.5
554	9.9	24658.6	-1924.2	644	9.3	31015.6	-1917.9	734	9.8	33724.6	-1930.5
735	9.2	33811.5	-1951.4
736	9.8	33825.0	-1957.3
737	8.5	33832.1	-1935.7
738	9.2	33847.1	-1936.0
739	8.5	33917.0	-1925.5
740	9.8	33925.4	-1954.3
741	9.8	33947.6	-1930.5
742	9.1	33957.1	-1923.1
743	9.5	34015.0	-1908.9
744	8.7	34037.5	-1936.5
745	9.0	34040.5	-1915.7
746	9.1	34126.7	-1937.0
747	9.5	34156.6	-1929.1
748	9.0	34234.1	-1927.7
749	9.3	34318.1	-1948.2
750	10.	34318.1	-1939.3
751	6.8	34343.9	-1911.1
752	9.7	34405.6	-1919.8
753	9.3	34421.6	-1910.5
754	9.4	34434.3	-1933.4
755	9.6	34441.1	-1916.5
756	8.5	34443.2	-1920.9
757	9.2	34445.9	-1937.9
758	9.4	34512.1	-1902.6
759	9.0	34538.0	-1901.0
760	9.5	34540.7	-1923.9
761	10.	34603.3	-1911.3
762	10.	34615.8	-1929.0
763	8.8	34647.4	-1943.2
764	9.8	34650.3	-1927.4
765	9.6	34706.7	-1921.3
766	10.	34710.7	-1928.3
767	9.1	34716.1	-1914.1
768	9.3	34725.0	-1941.3
769	9.5	34743.4	-1930.8
770	9.8	34750.9	-1905.9
771	8.5	34805.6	-1949.0
772	10.	34808.6	-1913.6
773	9.6	34830.2	-1906.4
774	9.2	34839.7	-1906.5
775	9.8	34854.5	-1938.2
776	9.8	34905.0	-1939.5
777	9.0	34908.7	-1954.4
778	7.0	34919.6	-1951.5
779	9.8	34932.4	-1930.5
780	10.	34934.9	-1925.3
781	9.7	34956.4	-1954.2
782	9.1	35016.7	-1906.9
783	9.4	35036.1	-1941.1
784	9.3	35043.8	-1956.9
785	9.1	35050.6	-1949.8
786	9.5	35100.0	-1938.9
787	9.8	35125.5	-1935.9
788	10.	35131.4	-1914.5
789	8.9	35136.9	-1950.9
790	9.5	35216.6	-1957.0
791	9.9	35220.5	-1925.2
792	9.0	35239.9	-1921.6
793	9.5	35245.4	-1932.3
794	9.3	35258.1	-1938.0
795	9.7	35321.2	-1948.3
796	6.8	35332.6	-1929.4
797	9.1	35335.1	-1935.8
798	10.	35455.3	-1956.5
799	9.7	35516.0	-1955.0
800	7.3	35604.7	-1954.4
801	9.0	35614.1	-1927.1
802	9.5	35620.5	-1914.0
803	9.2	35622.6	-1928.0
804	9.7	35626.1	-1929.8
805	9.8	35712.3	-1945.9
806	7.7	35752.4	-1952.1
807	9.8	35757.9	-1913.0
808	9.5	35814.5	-1905.7
809	9.8	35815.4	-1955.8
810	10.	35825.8	-1939.5
811	9.4	35832.4	-1914.6
812	9.2	35845.8	-1954.2
813	9.5	35852.0	-1908.5
814	9.3	35903.9	-1901.9
815	9.3	35913.6	-1900.8
816	9.4	35930.5	-1902.4
817	9.4	35937.9	-1941.4
818	9.6	35944.2	-1909.0
819	9.5	35946.3	-1915.4
820	7.3	35951.1	-1954.4
821	9.0	40008.2	-1924.7
822	10.	40012.8	-1939.0
823	10.	40014.6	-1941.1
824	9.8	40017.0	-1901.3

825	8.9	40027.4	-1941.3	915	10.	41922.0	-1901.7	1005	9.5	43816.4	-1937.6	1095	9.7	45934.4	-1912.9
826	9.1	40056.4	-1948.1	916	9.3	41940.3	-1950.8	1006	9.3	43843.6	-1957.6	1096	10.	50001.0	-1911.0
827	9.8	40127.2	-1931.0	917	8.9	41951.8	-1959.5	1007	9.8	43909.7	-1937.7	1097	9.7	50010.4	-1915.0
828	9.5	40152.1	-1900.8	918	9.2	41958.5	-1942.7	1008	9.8	43910.7	-1905.9	1098	9.1	50029.3	-1900.3
829	9.0	40155.4	-1947.9	919	10.	42016.9	-1934.6	1009	9.4	43910.8	-1941.3	1099	9.3	50029.9	-1957.9
830	9.4	40213.0	-1952.8	920	9.7	42025.5	-1902.1	1010	9.5	43949.8	-1924.8	1100	9.8	50036.3	-1905.9
831	8.4	40229.3	-1931.4	921	9.7	42031.5	-1905.8	1011	9.5	44024.4	-1918.7	1101	9.9	50041.3	-1901.1
832	8.9	40231.4	-1940.5	922	9.0	42038.4	-1954.1	1012	9.3	44118.0	-1931.9	1102	7.0	50051.2	-1935.7
833	9.7	40310.6	-1915.5	923	9.1	42045.8	-1935.3	1013	9.5	44129.1	-1906.5	1103	8.5	50116.5	-1913.3
834	9.8	40312.1	-1926.6	924	9.4	42101.2	-1926.2	1014	8.0	44159.0	-1959.3	1104	9.8	50213.4	-1959.0
835	6.5	40327.4	-1940.1	925	9.2	42102.9	-1913.8	1015	9.4	44211.2	-1916.3	1105	9.7	50214.2	-1949.3
836	7.0	40332.7	-1923.1	926	9.8	42106.8	-1933.3	1016	9.3	44220.9	-1927.5	1106	9.3	50214.9	-1905.8
837	9.5	40333.3	-1914.2	927	10.	42107.5	-1949.7	1017	9.8	44246.9	-1933.0	1107	9.8	50238.0	-1945.9
838	8.0	40334.4	-1905.6	928	9.8	42112.4	-1940.9	1018	9.5	44247.4	-1907.5	1108	9.5	50249.9	-1955.3
839	8.5	40340.8	-1929.2	929	8.0	42118.5	-1940.9	1019	9.3	44259.6	-1953.7	1109	9.1	50310.2	-1936.3
840	9.2	40351.0	-1959.1	930	9.5	42215.0	-1937.9	1020	9.1	44352.9	-1908.9	1110	9.5	50312.7	-1932.1
841	8.4	40420.9	-1928.5	931	6.0	42216.0	-1946.4	1021	9.8	44405.6	-1913.2	1111	9.6	50320.2	-1918.5
842	9.3	40425.5	-1948.4	932	9.6	42225.1	-1904.2	1022	8.6	44409.2	-1918.8	1112	9.9	50322.3	-1904.9
843	9.4	40507.1	-1900.2	933	9.1	42228.0	-1948.8	1023	7.3	44421.8	-1909.3	1113	10.	50329.9	-1941.5
844	9.3	40508.6	-1904.8	934	10.	42244.2	-1918.6	1024	9.3	44438.3	-1958.8	1114	9.3	50357.8	-1914.5
845	8.5	40543.0	-1948.7	935	9.5	42306.1	-1903.6	1025	9.8	44501.5	-1903.7	1115	8.5	50447.5	-1920.8
846	9.2	40546.5	-1942.6	936	10.	42315.0	-1940.4	1026	9.8	44516.3	-1909.5	1116	9.0	50522.4	-1911.0
847	9.5	40601.7	-1958.9	937	9.0	42317.0	-1903.2	1027	9.5	44516.9	-1928.6	1117	9.0	50532.1	-1912.1
848	9.2	40604.8	-1924.6	938	9.2	42321.9	-1922.5	1028	9.3	44527.6	-1936.0	1118	9.6	50547.6	-1943.9
849	10.	40611.5	-1937.5	939	9.6	42332.2	-1916.7	1029	9.9	44528.1	-1905.9	1119	9.1	50614.8	-1910.4
850	8.5	40618.6	-1901.5	940	9.3	42333.5	-1934.8	1030	9.4	44529.4	-1952.4	1120	8.9	50618.0	-1932.9
851	10.	40634.9	-1929.2	941	9.8	42351.6	-1958.7	1031	10.	44534.5	-1920.0	1121	9.5	50625.1	-1940.4
852	9.0	40706.1	-1942.6	942	9.5	42414.4	-1959.8	1032	10.	44541.0	-1947.9	1122	9.5	50657.0	-1909.8
853	9.8	40711.5	-1905.5	943	9.8	42420.8	-1910.1	1033	10.	44549.0	-1921.5	1123	9.5	50711.8	-1947.1
854	10.	40737.8	-1915.8	944	9.6	42423.7	-1906.9	1034	9.0	44549.0	-1938.6	1124	9.2	50722.9	-1943.0
855	9.9	40756.3	-1913.8	945	9.8	42441.4	-1946.7	1035	9.1	44549.6	-1941.2	1125	9.4	50727.4	-1948.4
856	9.8	40800.1	-1949.6	946	8.5	42450.6	-1947.5	1036	9.6	44555.3	-1926.9	1126	9.3	50748.3	-1900.7
857	8.8	40817.7	-1914.3	947	9.6	42455.1	-1901.1	1037	9.3	44604.2	-1925.9	1127	9.2	50822.0	-1945.6
858	9.2	40821.5	-1929.6	948	9.0	42533.8	-1910.8	1038	9.8	44633.0	-1930.6	1128	9.5	50844.5	-1919.3
859	9.9	40838.2	-1926.1	949	8.8	42537.3	-1957.7	1039	9.1	44637.5	-1904.3	1129	7.8	50904.6	-1913.7
860	9.2	40853.2	-1931.4	950	9.0	42553.5	-1903.9	1040	9.5	44642.2	-1943.7	1130	9.5	50945.2	-1925.8
861	10.	40902.4	-1911.3	951	10.	42623.8	-1912.2	1041	9.6	44644.3	-1952.0	1131	9.9	50957.9	-1908.5
862	9.2	40908.1	-1940.4	952	8.6	42631.6	-1954.9	1042	9.3	44654.4	-1920.6	1132	10.	51031.0	-1946.8
863	7.0	40920.2	-1900.3	953	9.4	42636.9	-1922.5	1043	10.	44737.5	-1903.9	1133	9.4	51040.3	-1931.4
864	8.9	41011.2	-1958.4	954	7.9	42645.6	-1940.1	1044	9.3	44821.0	-1929.7	1134	9.6	51049.2	-1958.4
865	9.8	41020.1	-1933.4	955	9.8	42706.4	-1917.8	1045	9.5	44827.8	-1947.8	1135	8.3	51122.9	-1937.6
866	10.	41030.5	-1931.0	956	8.5	42732.0	-1928.7	1046	10.	44858.0	-1930.7	1136	9.2	51126.5	-1900.8
867	8.7	41050.7	-1949.3	957	10.	42750.2	-1946.8	1047	9.6	44903.7	-1953.3	1137	9.4	51148.6	-1944.4
868	9.6	41055.3	-1956.2	958	10.	42802.2	-1942.5	1048	9.9	44913.4	-1959.4	1138	9.8	51155.5	-1905.9
869	9.0	41055.8	-1928.9	959	9.0	42824.5	-1930.7	1049	9.0	44916.3	-1959.2	1139	9.2	51156.8	-1914.4
870	7.8	41057.7	-1953.1	960	9.6	42827.5	-1924.0	1050	9.5	44924.6	-1931.4	1140	9.6	51228.4	-1913.9
871	9.2	41105.2	-1951.7	961	9.5	42834.3	-1948.0	1051	9.5	45009.2	-1951.5	1141	9.2	51356.5	-1904.7
872	9.5	41111.1	-1915.4	962	9.7	42849.1	-1954.8	1052	9.3	45010.7	-1944.4	1142	9.0	51401.4	-1940.2
873	9.8	41131.6	-1958.8	963	9.4	42919.4	-1942.5	1053	9.0	45024.2	-1926.7	1143	9.4	51404.9	-1957.7
874	9.7	41142.5	-1958.0	964	9.0	42921.1	-1931.3	1054	9.4	45105.4	-1953.9	1144	9.0	51411.3	-1933.5
875	8.3	41155.6	-1935.6	965	8.5	42939.9	-1901.6	1055	9.3	45105.8	-1919.8	1145	9.4	51423.8	-1932.2
876	10.	41213.1	-1955.9	966	10.	42953.1	-1933.6	1056	9.4	45132.3	-1903.7	1146	10.	51435.9	-1925.9
877	9.2	41220.4	-1945.2	967	9.4	42957.1	-1934.7	1057	9.8	45150.8	-1929.1	1147	8.0	51438.5	-1950.3
878	10.	41220.8	-1948.8	968	9.6	42959.4	-1920.5	1058	9.8	45156.2	-1941.0	1148	9.5	51440.6	-1907.5
879	9.8	41317.7	-1933.3	969	9.4	43009.2	-1936.0	1059	9.0	45228.1	-1904.3	1149	9.1	51455.5	-1937.3
880	9.8	41318.3	-1923.9	970	9.5	43017.6	-1927.0	1060	9.3	45242.6	-1912.0	1150	10.	51456.4	-1950.6
881	9.5	41319.1	-1953.2	971	9.7	43023.4	-1957.0	1061	9.3	45245.1	-1946.0	1151	9.4	51557.2	-1911.9
882	9.5	41327.5	-1913.6	972	9.7	43023.7	-1935.4	1062	9.4	45311.4	-1930.6	1152	9.5	51558.3	-1944.3
883	9.3	41340.2	-1954.1	973	10.	43026.6	-1937.5	1063	9.5	45314.4	-1955.6	1153	9.5	51607.4	-1932.7
884	9.8	41409.8	-1943.1	974	9.4	43028.3	-1913.7	1064	9.0	45320.3	-1914.2	1154	9.8	51617.5	-1947.9
885	7.3	41426.1	-1941.0	975	9.3	43104.1	-1923.1	1065	9.6	45324.3	-1933.9	1155	9.3	51619.7	-1934.8
886	8.5	41433.6	-1959.1	976	9.8	43152.0	-1918.3	1066	9.0	45333.2	-1902.6	1156	8.8	51620.3	-1959.4
887	8.4	41435.7	-1935.7	977	9.7	43204.4	-1935.4	1067	9.2	45338.1	-1904.7	1157	9.5	51628.0	-1911.6
888	8.8	41456.9	-1953.5	978	8.7	43205.3	-1908.0	1068	9.5	45345.0	-1924.8	1158	9.7	51643.2	-1959.8
889	9.8	41502.0	-1921.2	979	7.2	43208.5	-1955.6	1069	9.7	45352.5	-1905.4	1159	9.5	51651.4	-1944.5
890	9.6	41504.9	-1921.1	980	9.1	43230.4	-1917.0	1070	9.2	45353.0	-1930.5	1160	9.4	51740.2	-1954.8
891	9.3	41512.6	-1906.2	981	8.7	43231.5	-1910.8	1071	9.8	45358.2	-1905.6	1161	9.1	51742.0	-1926.4
892	10.	41517.3	-1900.8	982	9.1	43235.2	-1954.9	1072	8.2	45401.1	-1951.4	1162	9.9	51753.9	-1935.6
893	8.8	41531.4	-1909.6	983	10.	43235.6	-1948.5	1073	9.0	45409.9	-1911.4	1163	9.3	51801.0	-1926.0
894	10.	41534.2	-1909.7	984	9.3	43243.0	-1916.4	1074	9.7	45429.4	-1917.8	1164	8.9	51812.6	-1921.2
895	10.	41538.7	-1931.9	985	8.5	43258.1	-1926.0	1075	9.0	45453.4	-1917.8	1165	10.	51820.3	-1912.5
896	9.5	41543.7	-1932.1	986	9.8	43329.4	-1948.3	1076	9.3	45527.5	-1951.9	1166	7.5	51841.3	-1930.1
897	7.7	41545.2	-1958.0	987	9.5	43343.7	-1945.5	1077	7.5	45534.9	-1952.8	1167	9.3	51855.3	-1955.4
898	8.2	41550.9	-1946.2	988	4.5	43406.2	-1957.3	1078	9.8	45539.0	-1956.3	1168	9.4	51856.3	-1928.2
899	9.4	41559.2	-1929.0	989	9.6	43407.0	-1933.0	1079	10.	45603.7	-1934.0	1169	9.1	51900.2	-1911.6
900	8.9	41605.1	-1912.5	990	9.6	43423.7	-1900.4	1080	9.8	45611.2	-1918.7	1170	8.9	51905.3	-1925.0
901	10.	41605.8	-1938.5	991	9.9	43430.7	-1927.3	1081	9.8	45623.1	-1901.0	1171	9.8	51926.5	-1919.3
902	9.5	41611.4	-1947.5	992	9.5	43452.6	-1958.3	1082	9.1	45645.5	-1926.9	1172	8.5	51941.4	-1948.1
903	9.2	41612.0	-1936.3	993	10.	43453.1	-1921.1	1083	9.7	45647.0	-1941.0	1173	6.0	51942.7	-1949.1
904	9.0	41643.3	-1915.8	994	9.8	43456.7	-1900.2	1084	9.0	45651.5	-1919.9	1174	9.7	51954.9	-1947.1
905	9.4	41709.7	-1954.5	995	8.8	43501.3	-1943.8	1085	8.4	45703.2	-1942.6	1175	9.2	51956.2	-1959.8
906	10.	41709.4	-1943.5	996	9.5	43544.9	-1903.4	1086	9.0	45708.5	-1924.9	1176	8.8	51958.5	-1938.3
907	8.0	41716.9	-1948.8	997	9.8	43558.4	-1954.2	1087	9.7	45733.3	-1959.1	1177	9.7	52001.6	-1919.2
908	9.0	41717.4	-1922.9	998	9.5	43614.0	-1906.7	1088	10.	45737.7	-1911.9	1178	9.5	52010.0	-1950.0
909	10.	41751.2	-1925.5	999	9.3	43741.7	-1947.4	1089	9.5	45752.5	-1927.5	1179	9.4	52024.4	-1931.7
910	9.3	41754.3	-1939.2	1000	9.1	43755.5	-1942.7	1090	9.0	45808.2	-1904.9	1180	9.6	52033.9	-1910.8
911	9.8	41818.0	-1955.9	1001	8.9	43757.1	-1905.4	1091	8.9	45810.4	-1949.8	1181	9.0	52046.7	-1909.3
912	10.	41843.1	-1911.3	1002	9.3	43800.6	-1945.0	1092	9.7	45827.8	-1915.6	1182	8.1	52053.0	-1913.8
913	9.4	41845.3	-1925.0	1003	9.0	43802.5	-1905.3	1093	9.4	45916.2	-1904.4	1183	10.	52057.0	-1908.0
914	9.8	41855.2	-1927.4	1004	8.7	43809.6	-1910.9	1094	9.4	45933.7	-1957.4	1184	9.5	52126.7	-1957.2

-19 1185 5h22m

1185	9.0	52201.6	-1938.6	1275	9.5	54148.4	-1955.7	1365	8.3	60152.0	-1924.6
1186	9.8	52202.5	-1946.4	1276	8.9	54205.1	-1904.5	1366	9.1	60213.0	-1904.8
1187	9.8	52218.6	-1900.5	1277	9.4	54206.6	-1939.9	1367	9.7	60223.3	-1945.2
1188	9.5	52233.2	-1905.1	1278	7.1	54255.1	-1927.2	1368	9.5	60246.1	-1956.9
1189	9.2	52236.1	-1940.5	1279	9.4	54318.2	-1932.3	1369	9.4	60251.3	-1955.7
1190	8.2	52243.8	-1915.8	1280	9.2	54319.7	-1900.1	1370	9.1	60313.0	-1934.4
1191	9.5	52325.6	-1940.7	1281	9.3	54344.8	-1949.2	1371	9.6	60356.2	-1935.0
1192	10.	52347.7	-1947.2	1282	9.5	54433.0	-1936.3	1372	9.9	60406.6	-1951.8
1193	10.	52354.4	-1912.8	1283	9.5	54433.6	-1940.3	1373	9.8	60419.9	-1943.7
1194	9.2	52400.3	-1923.7	1284	9.3	54508.0	-1918.4	1374	9.4	60423.3	-1907.4
1195	9.5	52407.4	-1914.9	1285	9.0	54511.1	-1949.5	1375	9.4	60426.2	-1922.7
1196	9.2	52415.8	-1947.2	1286	9.0	54511.7	-1907.1	1376	9.5	60428.1	-1955.0
1197	9.8	52419.7	-1948.1	1287	7.7	54530.6	-1925.6	1377	9.3	60512.8	-1944.8
1198	8.8	52428.0	-1932.0	1288	9.5	54550.9	-1941.4	1378	9.5	60534.0	-1919.6
1199	9.0	52512.3	-1924.2	1289	7.2	54553.7	-1905.4	1379	9.4	60544.0	-1906.8
1200	9.3	52532.1	-1904.1	1290	10.	54634.7	-1927.7	1380	9.4	60607.3	-1945.9
1201	9.3	52545.4	-1914.0	1291	9.0	54654.4	-1955.1	1381	9.7	60618.9	-1914.0
1202	9.5	52602.6	-1939.5	1292	9.7	54726.8	-1920.4	1382	9.7	60619.5	-1908.2
1203	8.4	52616.3	-1912.9	1293	6.3	54740.3	-1940.2	1383	9.6	60620.7	-1918.5
1204	9.6	52623.1	-1940.9	1294	9.6	54753.6	-1922.8	1384	9.5	60623.3	-1941.9
1205	9.3	52633.3	-1952.7	1295	9.5	54759.7	-1925.7	1385	9.2	60638.1	-1933.4
1206	8.8	52643.1	-1911.2	1296	9.6	54813.1	-1955.5	1386	9.4	60655.0	-1918.1
1207	9.5	52646.7	-1944.7	1297	7.5	54813.2	-1944.1	1387	9.2	60659.3	-1914.3
1208	9.2	52656.4	-1927.2	1298	9.4	54816.0	-1914.9	1388	9.5	60725.1	-1924.4
1209	8.5	52706.3	-1923.9	1299	10.	54840.6	-1939.8	1389	9.8	60730.2	-1942.3
1210	8.7	52730.0	-1932.4	1300	9.7	54923.7	-1919.1	1390	8.7	60746.2	-1934.3
1211	9.1	52734.9	-1931.5	1301	9.0	54934.8	-1911.2	1391	8.0	60802.1	-1929.4
1212	9.7	52809.3	-1959.9	1302	9.5	54936.1	-1948.9	1392	9.2	60822.0	-1906.6
1213	9.1	52817.2	-1941.5	1303	9.3	54939.3	-1911.0	1393	9.4	60822.9	-1912.0
1214	9.8	52818.2	-1912.9	1304	9.4	54942.4	-1929.2	1394	8.7	60832.7	-1941.0
1215	9.5	52825.3	-1949.1	1305	9.7	54951.9	-1939.9	1395	9.5	60837.9	-1953.5
1216	8.8	52846.6	-1917.5	1306	9.5	54958.3	-1931.5	1396	9.1	60852.5	-1900.6
1217	9.5	52847.7	-1927.7	1307	9.5	55000.0	-1941.7	1397	9.5	60859.8	-1938.0
1218	9.2	52929.5	-1920.8	1308	9.5	55039.9	-1951.0	1398	7.8	60917.3	-1926.8
1219	9.5	52955.0	-1959.3	1309	8.8	55046.4	-1914.1	1399	8.2	60920.8	-1945.3
1220	9.1	53001.7	-1929.4	1310	9.7	55052.4	-1901.0	1400	8.3	61004.5	-1918.4
1221	9.4	53010.0	-1958.9	1311	9.8	55055.3	-1953.7	1401	9.8	61023.6	-1903.8
1222	9.0	53022.2	-1932.5	1312	10.	55118.0	-1946.7	1402	9.3	61037.3	-1958.3
1223	8.3	53033.0	-1944.3	1313	9.8	55125.8	-1949.8	1403	9.5	61047.9	-1952.1
1224	8.5	53044.1	-1956.7	1314	7.8	55127.1	-1924.2	1404	8.8	61116.6	-1928.6
1225	8.0	53046.9	-1900.2	1315	9.3	55134.9	-1937.3	1405	7.0	61125.1	-1908.3
1226	10.	53107.6	-1958.9	1316	9.4	55148.0	-1958.5	1406	9.4	61156.6	-1910.9
1227	9.9	53129.7	-1941.4	1317	9.6	55158.2	-1944.6	1407	5.5	61158.3	-1954.8
1228	9.8	53233.4	-1953.7	1318	8.7	55232.6	-1905.1	1408	9.5	61207.1	-1929.3
1229	9.5	53246.6	-1934.9	1319	9.1	55232.8	-1938.7	1409	9.8	61235.9	-1951.8
1230	9.5	53308.0	-1909.8	1320	9.2	55256.8	-1949.9	1410	9.5	61253.0	-1944.0
1231	8.2	53308.4	-1952.4	1321	9.2	55303.2	-1910.1	1411	9.4	61255.2	-1934.7
1232	9.3	53332.3	-1938.2	1322	9.5	55324.1	-1940.1	1412	9.5	61307.9	-1932.9
1233	9.1	53342.0	-1911.8	1323	8.5	55344.9	-1951.6	1413	9.0	61309.1	-1926.0
1234	8.0	53400.3	-1918.2	1324	9.1	55409.1	-1925.3	1414	9.1	61324.0	-1902.8
1235	9.0	53404.2	-1945.0	1325	9.4	55410.2	-1909.2	1415	9.2	61328.2	-1940.7
1236	10.	53417.2	-1930.4	1326	9.3	55433.2	-1914.7	1416	9.0	61328.4	-1913.4
1237	9.6	53418.1	-1921.8	1327	9.8	55503.7	-1902.2	1417	9.5	61331.4	-1906.2
1238	9.0	53438.2	-1909.3	1328	9.6	55506.6	-1915.0	1418	9.4	61352.6	-1926.1
1239	9.5	53458.3	-1942.0	1329	7.7	55555.2	-1941.5	1419	8.6	61436.0	-1919.3
1240	10.	53500.1	-1932.1	1330	9.1	55607.1	-1936.7	1420	9.5	61442.5	-1918.0
1241	9.5	53505.9	-1900.2	1331	9.2	55624.8	-1934.0	1421	9.7	61451.6	-1943.2
1242	9.5	53534.2	-1932.2	1332	8.5	55633.0	-1943.5	1422	9.3	61452.3	-1911.8
1243	9.4	53539.7	-1954.7	1333	9.3	55650.7	-1933.4	1423	9.1	61517.7	-1958.7
1244	9.0	53540.5	-1903.0	1334	9.5	55700.8	-1955.4	1424	9.5	61520.0	-1923.0
1245	10.	53603.9	-1918.5	1335	9.5	55702.7	-1900.1	1425	8.2	61521.9	-1946.3
1246	9.6	53613.2	-1918.8	1336	9.3	55708.1	-1930.2	1426	9.8	61559.8	-1946.3
1247	9.2	53715.8	-1914.0	1337	9.5	55721.5	-1902.7	1427	8.7	61601.4	-1902.0
1248	7.5	53730.9	-1943.0	1338	9.6	55751.5	-1907.4	1428	9.5	61608.0	-1956.6
1249	9.5	53740.7	-1933.6	1339	10.	55756.7	-1925.7	1429	9.3	61625.6	-1926.0
1250	8.0	53748.5	-1937.9	1340	9.5	55809.3	-1941.3	1430	9.1	61637.3	-1945.6
1251	9.0	53813.1	-1934.7	1341	8.8	55812.3	-1916.7	1431	9.4	61646.9	-1916.3
1252	9.2	53814.4	-1932.7	1342	9.4	55813.4	-1938.1	1432	9.5	61649.9	-1950.5
1253	9.5	53829.0	-1953.2	1343	8.7	55814.0	-1943.5	1433	9.5	61705.5	-1922.8
1254	9.5	53832.5	-1910.7	1344	9.1	55829.6	-1915.4	1434	9.4	61719.9	-1904.5
1255	8.9	53835.5	-1904.1	1345	8.3	55831.1	-1929.1	1435	7.0	61731.1	-1942.9
1256	9.8	53840.3	-1939.8	1346	9.7	55832.0	-1932.3	1436	9.2	61736.6	-1904.3
1257	9.2	53902.4	-1922.8	1347	9.5	55834.1	-1907.4	1437	8.7	61753.6	-1956.2
1258	9.5	53910.1	-1907.6	1348	9.5	55903.7	-1902.1	1438	9.8	61815.4	-1946.0
1259	9.8	53922.9	-1922.2	1349	9.3	55944.9	-1955.9	1439	8.5	61835.7	-1938.6
1260	9.8	53927.0	-1924.1	1350	9.5	55944.9	-1914.0	1440	9.5	61854.6	-1902.1
1261	9.2	53927.9	-1920.4	1351	9.8	60017.5	-1909.0	1441	9.8	61900.8	-1946.5
1262	9.7	53931.1	-1913.0	1352	10.	60023.1	-1931.9	1442	9.3	61905.9	-1950.3
1263	9.1	53944.0	-1928.3	1353	9.8	60027.9	-1948.0	1443	8.3	61917.3	-1954.8
1264	9.5	53955.7	-1942.5	1354	9.8	60035.2	-1936.1	1444	9.3	61937.4	-1947.0
1265	9.6	54004.1	-1927.7	1355	8.2	60037.3	-1955.8	1445	9.8	61952.2	-1909.7
1266	9.0	54020.5	-1901.9	1356	8.5	60043.5	-1904.4	1446	9.5	62006.1	-1950.2
1267	10.	54035.4	-1918.7	1357	9.5	60053.3	-1943.4	1447	7.3	62009.6	-1914.4
1268	10.	54042.3	-1940.7	1358	9.6	60056.5	-1918.5	1448	9.8	62023.8	-1938.7
1269	10.	54043.9	-1944.5	1359	9.5	60117.7	-1934.5	1449	9.5	62038.3	-1959.0
1270	9.3	54101.0	-1955.0	1360	9.5	60123.3	-1925.4	1450	9.5	62039.3	-1959.9
1271	8.8	54110.5	-1903.0	1361	5.8	60123.6	-1908.6	1451	9.4	62046.6	-1912.8
1272	10.	54116.2	-1936.0	1362	9.5	60126.1	-1946.8	1452	7.8	62118.1	-1922.0
1273	9.2	54126.9	-1918.4	1363	9.5	60145.6	-1909.5	1453	9.5	62129.5	-1908.2
1274	9.8	54127.4	-1926.5	1364	8.3	60150.3	-1945.7	1454	8.5	62140.0	-1901.1

-19 1544 6h38m

1455	9.4	62157.5	-1920.9	1545	9.5	62605.3	-1941.8	1635	9.5	63520.7	-1906.7
1456	7.8	62159.0	-1942.5	1546	8.5	62607.3	-1957.0	1636	9.5	63528.1	-1932.5
1457	9.8	62221.4	-1956.9	1547	9.2	62613.0	-1920.2	1637	9.4	63542.4	-1906.7
1458	8.8	62223.7	-1936.2	1548	9.0	62615.0	-1939.2	1638	9.3	63553.9	-1938.0
1459	8.8	62235.8	-1957.2	1549	9.8	62622.7	-1940.5	1639	9.5	63554.3	-1956.1
1460	9.1	62251.8	-1942.7	1550	8.5	62679.8	-1955.1	1640	9.0	63600.7	-1938.5
1461	9.5	62300.6	-1922.1	1551	9.5	62640.7	-1936.0	1641	9.0	63603.3	-1956.8
1462	9.5	62347.5	-1900.0	1552	9.4	62716.6	-1919.8	1642	9.0	63622.1	-1929.7
1463	9.5	62353.0	-1943.8	1553	9.2	62722.9	-1916.8	1643	8.7	63629.0	-1912.8
1464	6.0	62353.5	-1907.0	1554	9.8	62745.7	-1931.6	1644	9.4	63632.1	-1952.5
1465	9.3	62401.8	-1908.3	1555	9.5	62747.1	-1950.4	1645	9.8	63648.4	-1919.7
1466	9.4	62418.5	-1918.9	1556	9.5	62750.2	-1910.6	1646	9.5	63654.6	-1900.6
1467	9.5	62425.2	-1950.5	1557	9.5	62807.5	-1908.8	1647	9.2	63700.2	-1941.5
1468	9.1	62435.6	-1955.9	1558	9.0	62824.6	-1906.6	1648	10.	63708.6	-1904.6
1469	9.5	62439.1	-1922.4	1559	8.1	62829.9	-1950.3	1649	9.4	63752.4	-1919.0
1470	9.5	62444.0	-1924.1	1560	9.8	62833.3	-1952.0	1650	9.4	63800.1	-1933.9
1471	8.8	62517.1	-1908.0	1561	7.8	62834.3	-1932.1	1651	9.8	63811.0	-1949.4
1472	9.5	62523.0	-1923.6	1562	9.5	62845.9	-1948.4	1652	7.7	63812.6	-1931.0
1473	9.5	62539.7	-1936.4	1563	9.5	62853.5	-1946.9	1653	9.3	63830.1	-1943.2
1474	9.3	62559.9	-1911.8	1564	9.8	62859.6	-1944.3	1654	9.4	63832.6	-1916.5
1475	9.5	62605.3	-1941.8	1565	9.2	62904.9	-1916.1				
1476	8.5	62607.3	-1957.0	1566	9.4	62910.6	-1916.1				
1477	9.2	62613.0	-1920.2	1567	9.4	62920.2	-1936.0				
1478	9.0	62615.0	-1939.2	1568	9.4	62925.6	-1926.0				
1479	9.8	62622.7	-1940.5	1569	9.0	62937.6	-1926.4				
1480	8.5	62679.8	-1955.1	1570	10.	62957.4	-1916.6				
1481	9.5	62640.7	-1936.0	1571	7.3	63002.3	-1922.2				
1482	9.4	62716.6	-1919.8	1572	4.2	63021.1	-1907.6				
1483	9.2	62722.9	-1916.8	1573	9.6	63031.0	-1923.5				
1484	9.8	62745.7	-1931.6	1574	9.3	63050.5	-1903.4				
1485	9.5	62747.1	-1950.4	1575	9.0	63101.9	-1915.0				
1486	9.5	62750.2	-1910.6	1576	7.5	63110.0	-1940.2				
1487	9.5	62807.5	-1908.8	1577	9.0	63123.6	-1911.1				
1488	9.0	62824.6	-1906.6	1578	10.	63134.4	-1914.8				
1489	8.1	62829.9	-1950.3	1579	9.5	63139.0	-1925.0				
1490	9.8	62833.3	-1952.0	1580	9.5	63152.4	-1946.5				
1491	7.8	62834.3	-1932.1	1581	9.3	63154.8	-1920.3				
1492	9.5	62845.9	-1948.4	1582	9.1	63208.4	-1953.7				
1493	9.5	62853.5	-1946.9	1583	9.5	63230.8	-1956.6				
1494	9.8	62859.6	-1944.3	1584	9.5	63248.3	-1923.2				
1495	9.2	62904.9	-1916.1	1585	9.7	63253.2	-1900.4				
1496	9.4	62910.6	-1916.1	1586	9.4	63724.1	-1950.1				
1497	9.4	62920.2	-1936.0	1587	9.8	63337.7	-1910.4				
1498	9.4	62925.6	-1926.0	1588	8.5	63339.7	-1902.1				
1499	9.0	62937.6	-1926.4	1589	9.5	63402.4	-1946.9				
1500	10	62957.4	-1916.6	1590	9.4	63412.4	-1951.5				
1501	7.3	63002.3	-1922.2	1591	8.9	63413.5	-1956.3				
1502	4.2	63021.1	-1907.6	1592	9.1	63446.6	-1910.0				
1503	9.6	63031.0	-1923.5	1593	9.2	63458.4	-1934.7				
1504	9.3	63050.5	-1903.4	1594	9.3	63511.1	-1932.5				

-19 1545 6h38m

-19 1904 7h21m

1545	9.4	63845.7	-1937.5	1635	8.8	65224.5	-1908.4	1725	9.9	70401.3	-1915.9	1815	9.5	71246.5	-1907.9
1546	9.3	63901.2	-1915.4	1636	9.5	65227.6	-1953.8	1726	9.9	70406.5	-1935.8	1816	9.8	71313.4	-1932.0
1547	9.2	63901.6	-1903.4	1637	9.1	65230.6	-1913.5	1727	9.5	70409.9	-1941.0	1817	10.	71323.6	-1934.9
1548	9.3	63931.0	-1922.5	1638	9.2	65235.1	-1955.0	1728	9.4	70414.0	-1936.0	1818	8.5	71327.0	-1942.6
1549	8.5	63950.3	-1914.9	1639	9.5	65237.9	-1913.2	1729	9.0	70425.3	-1949.9	1819	9.1	71331.4	-1943.4
1550	9.0	63953.7	-1938.7	1640	9.5	65257.8	-1932.1	1730	9.5	70425.8	-1902.5	1820	9.7	71332.5	-1927.8
1551	6.5	64008.5	-1943.0	1641	9.5	65258.0	-1952.4	1731	9.5	70426.8	-1901.8	1821	9.6	71342.8	-1915.0
1552	9.2	64009.9	-1902.5	1642	8.9	65315.0	-1921.1	1732	8.7	70441.0	-1951.8	1822	9.9	71343.1	-1956.9
1553	9.3	64014.4	-1940.4	1643	9.4	65320.4	-1951.1	1733	8.3	70442.9	-1933.9	1823	9.7	71346.2	-1911.0
1554	9.2	64017.8	-1957.5	1644	6.7	65350.5	-1957.7	1734	10.	70458.9	-1902.2	1824	9.7	71348.7	-1916.5
1555	8.9	64029.4	-1913.4	1645	7.2	65356.6	-1936.3	1735	9.7	70501.0	-1938.4	1825	9.8	71349.0	-1958.0
1556	9.4	64039.3	-1959.5	1646	8.8	65401.8	-1949.9	1736	9.1	70506.7	-1956.7	1826	9.3	71350.8	-1951.1
1557	8.8	64047.1	-1929.1	1647	9.4	65410.0	-1902.2	1737	9.2	70508.5	-1941.3	1827	9.3	71351.6	-1932.8
1558	9.9	64100.6	-1943.0	1648	9.0	65417.9	-1943.1	1738	9.1	70516.5	-1958.7	1828	10.	71352.4	-1907.3
1559	9.4	64100.8	-1908.9	1649	7.2	65431.6	-1914.6	1739	9.2	70518.3	-1911.1	1829	9.5	71352.8	-1952.1
1560	8.9	64110.1	-1900.8	1650	9.4	65458.7	-1920.1	1740	9.7	70529.6	-1942.4	1830	10.	71406.8	-1953.4
1561	9.3	64116.0	-1921.3	1651	8.6	65508.5	-1900.0	1741	9.6	70532.0	-1926.1	1831	9.7	71412.8	-1951.0
1562	9.1	64120.0	-1923.5	1652	8.7	65516.9	-1924.0	1742	8.2	70534.2	-1939.5	1832	9.7	71422.0	-1951.1
1563	9.7	64138.5	-1944.8	1653	9.5	65517.7	-1909.2	1743	9.3	70537.8	-1958.4	1833	9.1	71428.2	-1940.2
1564	9.2	64144.0	-1945.5	1654	9.5	65532.5	-1927.1	1744	8.7	70539.2	-1956.4	1834	9.2	71430.0	-1912.9
1565	9.4	64201.7	-1932.6	1655	9.5	65604.9	-1915.2	1745	8.0	70550.5	-1923.0	1835	9.5	71430.7	-1921.4
1566	8.6	64201.9	-1951.4	1656	8.0	65615.6	-1934.0	1746	8.7	70550.9	-1902.1	1836	9.7	71445.2	-1937.1
1567	9.3	64202.7	-1947.7	1657	9.1	65624.5	-1930.2	1747	9.7	70555.0	-1932.5	1837	9.0	71452.4	-1957.3
1568	9.5	64203.2	-1945.9	1658	9.1	65626.9	-1956.0	1748	9.6	70609.0	-1933.2	1838	9.1	71456.8	-1903.1
1569	9.2	64207.0	-1956.6	1659	9.4	65630.0	-1920.1	1749	9.9	70609.3	-1943.2	1839	9.4	71459.2	-1900.5
1570	9.1	64218.0	-1924.0	1660	9.5	65641.4	-1944.9	1750	9.9	70611.2	-1944.4	1840	9.0	71504.5	-1927.9
1571	9.1	64219.3	-1955.9	1661	9.6	65645.9	-1955.7	1751	9.4	70618.6	-1955.3	1841	9.1	71527.7	-1955.7
1572	9.5	64231.0	-1939.8	1662	9.2	65647.3	-1906.0	1752	9.5	70629.1	-1943.2	1842	9.4	71527.9	-1920.3
1573	9.8	64244.4	-1931.8	1663	9.5	65647.3	-1902.0	1753	9.8	70632.6	-1939.2	1843	9.9	71531.8	-1959.3
1574	9.4	64319.6	-1959.7	1664	9.0	65706.2	-1900.5	1754	9.9	70639.7	-1931.7	1844	10.	71540.8	-1900.1
1575	7.8	64323.1	-1913.3	1665	9.4	65706.6	-1952.8	1755	9.5	70645.5	-1923.8	1845	8.8	71547.4	-1948.2
1576	9.1	64330.1	-1905.9	1666	9.6	65706.6	-1927.1	1756	9.7	70650.5	-1940.6	1846	9.0	71602.1	-1942.3
1577	8.8	64333.0	-1959.7	1667	9.3	65708.3	-1908.7	1757	9.6	70656.3	-1947.2	1847	9.5	71602.5	-1951.9
1578	9.5	64352.3	-1909.9	1668	9.7	65709.0	-1913.7	1758	9.3	70659.8	-1959.7	1848	10.	71623.7	-1942.9
1579	9.0	64355.0	-1924.8	1669	9.8	65715.7	-1926.8	1759	9.4	70701.4	-1933.2	1849	9.4	71623.8	-1947.9
1580	9.1	64355.1	-1951.1	1670	8.8	65752.0	-1920.3	1760	10.	70709.8	-1934.9	1850	9.3	71624.4	-1930.7
1581	9.3	64355.1	-1910.2	1671	9.1	65755.5	-1931.0	1761	9.7	70715.1	-1934.9	1851	9.5	71642.6	-1932.9
1582	9.5	64417.0	-1927.3	1672	8.5	65756.8	-1902.4	1762	10.	70719.0	-1950.9	1852	9.3	71645.2	-1932.7
1583	9.5	64432.4	-1908.0	1673	9.8	65810.1	-1959.3	1763	9.2	70729.4	-1946.5	1853	9.7	71646.5	-1942.5
1584	9.5	64441.3	-1912.6	1674	9.8	65810.5	-1901.0	1764	9.3	70740.9	-1947.4	1854	7.5	71705.4	-1957.4
1585	8.3	64442.6	-1925.0	1675	8.5	65838.6	-1935.8	1765	9.9	70801.3	-1957.1	1855	9.5	71707.8	-1944.5
1586	9.3	64457.7	-1939.1	1676	9.0	65840.2	-1945.1	1766	9.5	70810.0	-1904.2	1856	9.8	71716.9	-1956.8
1587	9.8	64458.4	-1936.2	1677	7.5	65847.3	-1959.5	1767	7.0	70812.3	-1944.5	1857	8.8	71718.7	-1916.7
1588	9.0	64517.1	-1931.4	1678	9.4	65847.8	-1907.2	1768	9.4	70812.5	-1922.0	1858	9.8	71725.0	-1902.0
1589	8.5	64536.6	-1905.5	1679	9.7	65849.9	-1925.6	1769	9.6	70817.8	-1909.3	1859	9.4	71730.2	-1943.9
1590	9.4	64553.0	-1958.6	1680	10.	65851.0	-1908.9	1770	9.5	70822.4	-1919.2	1860	8.1	71732.9	-1954.9
1591	9.5	64633.5	-1927.5	1681	9.0	65856.0	-1958.4	1771	9.4	70825.4	-1941.3	1861	9.4	71748.9	-1941.0
1592	8.7	64637.3	-1957.2	1682	9.0	65916.4	-1911.7	1772	9.1	70827.1	-1943.7	1862	9.8	71752.7	-1906.3
1593	8.3	64647.9	-1909.3	1683	8.6	65921.8	-1926.2	1773	9.8	70828.2	-1956.6	1863	10.	71800.1	-1937.5
1594	8.3	64657.5	-1924.9	1684	9.3	65934.8	-1956.2	1774	9.8	70834.2	-1942.9	1864	9.2	71807.9	-1911.4
1595	9.5	64703.6	-1920.8	1685	9.5	65955.2	-1917.8	1775	9.8	70841.0	-1920.0	1865	9.6	71814.2	-1916.7
1596	8.2	64704.3	-1912.5	1686	9.5	65959.1	-1907.8	1776	8.6	70841.3	-1944.2	1866	9.7	71815.5	-1921.2
1597	9.0	64715.6	-1934.5	1687	9.5	70012.8	-1919.8	1777	9.3	70902.5	-1936.2	1867	9.4	71820.3	-1941.6
1598	9.2	64725.8	-1944.8	1688	9.1	70013.4	-1926.6	1778	9.5	70910.4	-1900.7	1868	9.3	71826.3	-1950.5
1599	9.8	64736.0	-1904.0	1689	9.3	70013.5	-1925.3	1779	9.8	70913.4	-1927.4	1869	9.5	71828.7	-1947.2
1600	9.1	64754.8	-1910.9	1690	9.5	70018.1	-1953.6	1780	8.0	70916.0	-1952.2	1870	10.	71836.9	-1902.3
1601	9.0	64803.4	-1917.2	1691	9.7	70024.4	-1909.7	1781	9.6	70919.0	-1906.6	1871	9.5	71838.5	-1950.0
1602	9.6	64814.2	-1923.2	1692	8.9	70024.8	-1926.1	1782	9.8	70923.5	-1907.1	1872	9.1	71841.5	-1911.6
1603	9.3	64817.6	-1929.8	1693	9.6	70026.7	-1929.3	1783	9.1	70943.4	-1914.4	1873	9.0	71846.5	-1939.1
1604	9.2	64819.7	-1937.8	1694	9.4	70036.3	-1908.7	1784	9.4	70957.6	-1958.2	1874	9.5	71851.4	-1930.8
1605	9.0	64821.9	-1905.3	1695	9.3	70039.3	-1919.4	1785	9.5	70957.8	-1929.5	1875	9.5	71854.9	-1930.6
1606	9.4	64834.7	-1926.2	1696	9.0	70041.6	-1931.2	1786	9.3	71003.3	-1913.4	1876	9.5	71855.0	-1932.8
1607	9.2	64840.0	-1922.7	1697	9.7	70043.1	-1947.3	1787	9.5	71014.9	-1950.4	1877	9.8	71909.4	-1954.4
1608	9.4	64913.1	-1935.9	1698	9.4	70053.6	-1957.0	1788	9.0	71016.7	-1926.9	1878	7.3	71911.5	-1908.9
1609	10.	64914.8	-1903.8	1699	9.4	70113.2	-1914.5	1789	9.7	71017.9	-1958.9	1879	9.5	71920.9	-1915.9
1610	5.1	64919.9	-1957.2	1700	9.5	70120.8	-1926.2	1790	9.3	71028.0	-1907.0	1880	9.5	71929.6	-1946.7
1611	8.0	64933.6	-1934.7	1701	9.2	70149.2	-1924.1	1791	9.2	71029.6	-1935.0	1881	9.6	71937.9	-1958.3
1612	9.4	64949.8	-1911.0	1702	9.6	70204.1	-1955.5	1792	10.	71035.2	-1916.5	1882	10.	71938.3	-1924.2
1613	9.5	64954.0	-1914.6	1703	9.2	70207.0	-1924.4	1793	8.8	71040.7	-1937.7	1883	9.3	71950.0	-1952.6
1614	9.1	64955.6	-1951.9	1704	9.5	70208.9	-1914.4	1794	9.8	71048.8	-1948.1	1884	9.8	71958.5	-1913.2
1615	9.5	64959.1	-1908.1	1705	8.8	70216.9	-1906.1	1795	9.5	71053.5	-1922.6	1885	8.7	72010.7	-1943.0
1616	9.5	64959.2	-1925.8	1706	9.5	70217.8	-1956.5	1796	10.	71054.0	-1958.2	1886	9.8	72017.5	-1920.1
1617	9.4	65016.0	-1956.0	1707	9.2	70226.0	-1918.7	1797	9.8	71115.1	-1958.9	1887	10.	72019.7	-1916.8
1618	9.2	65027.7	-1947.4	1708	8.2	70229.7	-1941.7	1798	9.8	71122.7	-1903.8	1888	9.5	72031.4	-1919.9
1619	9.5	65030.1	-1934.6	1709	9.0	70237.6	-1917.2	1799	9.4	71127.7	-1920.5	1889	9.4	72036.3	-1930.4
1620	9.1	65035.4	-1957.0	1710	9.7	70237.8	-1945.8	1800	9.6	71130.9	-1907.3	1890	9.2	72043.8	-1938.9
1621	8.5	65038.6	-1931.6	1711	8.9	70240.7	-1958.2	1801	9.6	71137.5	-1928.8	1891	9.3	72053.2	-1921.9
1622	7.0	65041.6	-1915.1	1712	9.8	70259.6	-1935.1	1802	10.	71140.6	-1945.1	1892	8.2	72054.8	-1942.5
1623	9.3	65048.1	-1913.4	1713	9.4	70259.7	-1920.5	1803	9.0	71151.9	-1934.6	1893	9.2	72056.5	-1912.6
1624	9.4	65114.2	-1911.3	1714	9.1	70313.2	-1958.2	1804	9.6	71159.7	-1957.0	1894	9.7	72103.1	-1959.5
1625	8.9	65123.1	-1908.2	1715	9.8	70320.8	-1935.9	1805	10.	71205.6	-1930.6	1895	9.2	72105.7	-1951.0
1626	9.5	65135.0	-1920.1	1716	9.8	70323.7	-1927.6	1806	8.8	71218.4	-1909.9	1896	9.2	72115.3	-1910.2
1627	9.3	65146.5	-1911.4	1717	9.3	70328.0	-1952.0	1807	8.5	71222.5	-1952.2	1897	8.6	72120.8	-1951.4
1628	9.6	65151.6	-1953.8	1718	9.3	70331.7	-1954.6	1808	9.8	71223.5	-1942.0	1898	8.9	72129.7	-1955.1
1629	9.5	65154.3	-1915.7	1719	9.7	70333.4	-1900.2	1809	8.6	71225.5	-1951.0	1899	8.8	72131.6	-1953.6
1630	9.5	65159.8	-1940.6	1720	7.7	70339.6	-1921.2	1810	9.2	71229.1	-1947.6	1900	9.3	72132.5	-1922.7
1631	9.7	65206.2	-1959.6	1721	8.7	70349.5	-1931.5	1811	9.3	71235.5	-1901.3	1901	9.8	72138.3	-1935.3
1632	9.2	65206.6	-1954.5	1722	9.0	70350.3	-1922.2	1812	8.9	71236.3	-1912.3	1902	9.5	72138.8	-1916.5
1633	9.2	65210.9	-1953.9	1723	9.8	70354.9	-1932.7	1813	6.5	71239.9	-1900.6	1903	9.4	72158.4	-1948.8
1634	9.2	65215.6	-1931.5	1724	9.8	70357.0	-1931.0	1814	9.6	71245.4	-1948.5	1904	9.5	72159.9	-1916.7

-19 1905 7h22m

-19 2264 8h02m

1905	10.	72213.3	-1920.5	1995	9.1	73301.7	-1925.7	2085	6.9	74323.3	-1950.0	2175	8.0	75254.6	-1904.3
1906	10.	72218.3	-1953.1	1996	10.	73316.0	-1927.0	2086	9.5	74329.9	-1934.0	2176	8.8	75312.1	-1921.7
1907	9.4	72222.3	-1929.4	1997	9.0	73324.6	-1955.2	2087	9.6	74331.0	-1945.5	2177	9.4	75313.7	-1924.8
1908	8.6	72237.6	-1951.8	1998	10.	73330.7	-1924.8	2088	9.1	74335.0	-1919.1	2178	9.1	75317.5	-1932.0
1909	9.0	72238.4	-1932.4	1999	9.1	73331.2	-1919.6	2089	6.4	74340.9	-1909.8	2179	9.2	75318.7	-1952.0
1910	9.5	72250.7	-1916.6	2000	9.7	73334.5	-1916.3	2090	9.5	74343.2	-1904.8	2180	9.6	75319.3	-1954.1
1911	9.8	72259.8	-1950.7	2001	9.2	73343.4	-1922.3	2091	9.1	74346.8	-1923.1	2181	9.8	75323.7	-1907.1
1912	8.8	72305.1	-1904.0	2002	9.6	73344.2	-1928.3	2092	9.0	74352.9	-1912.4	2182	9.5	75327.4	-1948.0
1913	9.5	72312.1	-1939.1	2003	6.4	73350.4	-1920.2	2093	9.5	74419.0	-1941.5	2183	9.3	75336.4	-1919.1
1914	9.8	72312.7	-1903.2	2004	9.8	73351.9	-1935.8	2094	9.7	74428.3	-1920.0	2184	9.5	75346.9	-1940.4
1915	8.4	72315.7	-1913.5	2005	9.2	73402.0	-1947.8	2095	8.8	74430.3	-1916.3	2185	9.0	75349.3	-1920.6
1916	9.5	72325.4	-1941.9	2006	9.5	73419.7	-1932.3	2096	9.0	74438.2	-1905.0	2186	8.6	75400.7	-1940.5
1917	10.	72326.9	-1959.3	2007	9.6	73437.3	-1954.5	2097	9.5	74448.1	-1952.4	2187	9.8	75402.8	-1948.3
1918	9.6	72328.0	-1951.7	2008	9.5	73444.8	-1916.8	2098	9.3	74452.8	-1936.0	2188	9.5	75405.8	-1917.9
1919	7.0	72339.3	-1913.5	2009	9.3	73445.9	-1911.0	2099	10.	74510.8	-1956.5	2189	9.1	75408.7	-1940.5
1920	9.8	72408.4	-1920.3	2010	8.6	73456.2	-1959.7	2100	9.5	74513.0	-1946.1	2190	9.3	75415.3	-1912.3
1921	10.	72420.5	-1959.8	2011	9.5	73511.6	-1957.6	2101	9.2	74514.6	-1917.0	2191	8.8	75423.4	-1949.0
1922	9.5	72432.4	-1921.8	2012	9.4	73534.7	-1930.5	2102	9.8	74516.4	-1914.9	2192	8.5	75427.6	-1905.2
1923	9.1	72442.8	-1950.1	2013	9.2	73542.4	-1952.7	2103	9.5	74520.5	-1945.1	2193	9.2	75431.3	-1956.9
1924	9.8	72447.6	-1954.6	2014	9.8	73543.0	-1951.9	2104	9.7	74548.2	-1912.9	2194	10.	75432.5	-1953.5
1925	9.5	72448.7	-1937.1	2015	9.5	73544.3	-1947.5	2105	9.5	74556.6	-1941.7	2195	9.4	75434.3	-1937.6
1926	9.4	72451.1	-1914.4	2016	9.2	73550.9	-1920.0	2106	8.0	74615.1	-1925.2	2196	9.5	75449.5	-1910.6
1927	9.8	72459.6	-1923.1	2017	9.4	73551.8	-1921.3	2107	9.1	74616.4	-1941.8	2197	10.	75455.7	-1941.4
1928	9.6	72500.6	-1904.8	2018	8.7	73605.4	-1904.8	2108	8.3	74616.9	-1916.8	2198	10.	75459.6	-1946.3
1929	7.6	72507.9	-1912.4	2019	9.6	73611.7	-1919.5	2109	9.8	74631.2	-1956.0	2199	9.8	75514.7	-1939.0
1930	9.8	72511.1	-1959.9	2020	9.7	73613.6	-1919.8	2110	9.5	74637.3	-1907.0	2200	9.1	75536.3	-1915.5
1931	9.8	72517.3	-1957.5	2021	9.5	73616.3	-1916.9	2111	9.3	74638.3	-1902.9	2201	9.2	75539.9	-1900.0
1932	9.7	72529.5	-1921.5	2022	9.6	73623.6	-1954.5	2112	9.8	74640.6	-1905.6	2202	9.4	75540.9	-1919.5
1933	9.9	72531.0	-1940.3	2023	9.9	73636.5	-1909.3	2113	9.2	74642.1	-1915.9	2203	9.2	75542.8	-1949.3
1934	9.0	72534.7	-1911.9	2024	9.8	73639.7	-1952.2	2114	9.4	74644.6	-1912.5	2204	9.1	75543.0	-1904.0
1935	9.3	72547.6	-1954.7	2025	10.	73640.8	-1954.4	2115	9.4	74645.0	-1930.0	2205	7.9	75605.1	-1955.0
1936	9.4	72618.8	-1943.4	2026	9.5	73645.9	-1904.5	2116	9.0	74648.9	-1942.0	2206	9.5	75607.7	-1943.7
1937	9.8	72623.6	-1915.0	2027	9.7	73651.6	-1914.5	2117	9.4	74650.2	-1911.3	2207	9.5	75610.2	-1918.9
1938	9.0	72630.3	-1914.5	2028	9.6	73700.5	-1926.8	2118	9.5	74657.2	-1912.4	2208	10.	75636.0	-1902.1
1939	9.5	72633.4	-1941.1	2029	9.5	73711.8	-1951.9	2119	9.1	74658.4	-1900.9	2209	9.3	75643.9	-1948.1
1940	9.5	72635.5	-1947.4	2030	10.	73714.4	-1957.1	2120	9.5	74659.3	-1910.8	2210	9.8	75649.5	-1925.3
1941	9.1	72645.0	-1909.4	2031	9.1	73718.7	-1934.6	2121	9.5	74705.9	-1958.4	2211	9.8	75650.8	-1932.6
1942	9.8	72654.2	-1949.3	2032	9.5	73720.7	-1912.5	2122	9.5	74707.0	-1923.6	2212	9.8	75700.7	-1925.3
1943	9.3	72655.2	-1910.6	2033	9.3	73732.9	-1956.2	2123	8.7	74715.2	-1909.1	2213	9.7	75701.1	-1931.8
1944	6.2	72656.0	-1906.3	2034	9.1	73734.5	-1913.0	2124	9.1	74720.8	-1936.8	2214	9.1	75705.3	-1946.4
1945	9.4	72700.6	-1957.3	2035	9.5	73739.4	-1949.0	2125	9.6	74722.1	-1955.1	2215	9.4	75708.8	-1957.6
1946	9.8	72707.7	-1933.2	2036	9.1	73752.1	-1930.6	2126	9.4	74739.8	-1913.5	2216	10.	75709.5	-1953.7
1947	9.4	72716.5	-1950.0	2037	9.4	73754.6	-1957.5	2127	8.7	74749.6	-1918.6	2217	10.	75715.6	-1921.0
1948	9.7	72732.8	-1930.7	2038	9.4	73814.6	-1958.6	2128	10.	74751.9	-1957.4	2218	9.6	75716.7	-1957.6
1949	9.5	72749.3	-1959.7	2039	9.6	73818.9	-1920.7	2129	9.8	74754.7	-1944.1	2219	9.4	75726.2	-1921.1
1950	7.3	72752.4	-1949.2	2040	9.4	73820.2	-1921.6	2130	9.7	74755.4	-1958.1	2220	10.	75729.8	-1930.6
1951	9.4	72816.6	-1921.0	2041	9.8	73832.8	-1907.2	2131	9.9	74758.7	-1957.3	2221	9.4	75731.0	-1955.3
1952	9.8	72828.1	-1920.2	2042	9.0	73837.4	-1920.2	2132	9.4	74759.6	-1902.9	2222	9.2	75736.5	-1917.4
1953	9.5	72836.4	-1957.0	2043	9.5	73839.5	-1939.4	2133	9.2	74802.1	-1946.1	2223	9.8	75738.4	-1901.2
1954	8.7	72838.1	-1921.3	2044	10.	73849.8	-1908.8	2134	9.8	74803.0	-1939.8	2224	8.6	75801.2	-1922.0
1955	9.8	72843.9	-1954.5	2045	9.7	73900.9	-1916.8	2135	9.8	74820.5	-1914.7	2225	8.9	75806.1	-1959.0
1956	9.0	72846.2	-1924.8	2046	9.5	73903.4	-1925.5	2136	9.4	74836.2	-1910.0	2226	8.9	75810.2	-1922.0
1957	10.	72901.7	-1928.6	2047	9.0	73920.5	-1958.1	2137	9.5	74846.5	-1924.1	2227	9.6	75811.6	-1910.1
1958	9.2	72902.3	-1930.4	2048	9.1	73936.3	-1905.1	2138	9.4	74915.0	-1948.0	2228	6.4	75815.0	-1919.3
1959	9.0	72926.7	-1927.8	2049	9.5	73941.9	-1922.5	2139	9.2	74917.2	-1933.8	2229	9.8	75817.7	-1958.7
1960	9.0	72928.0	-1904.2	2050	9.5	73953.4	-1906.4	2140	9.4	74921.3	-1947.0	2230	9.0	75828.6	-1940.3
1961	8.9	72945.3	-1957.7	2051	9.5	74007.3	-1941.9	2141	9.1	74921.8	-1959.1	2231	9.4	75829.8	-1957.3
1962	9.5	72946.0	-1912.2	2052	9.4	74009.2	-1938.3	2142	10.	74931.7	-1916.8	2232	9.7	75843.3	-1912.0
1963	9.3	72948.9	-1916.4	2053	9.3	74014.5	-1912.6	2143	9.8	74940.9	-1949.4	2233	10.	75844.9	-1920.5
1964	8.7	73004.0	-1932.3	2054	9.8	74029.7	-1959.8	2144	9.8	74941.2	-1929.5	2234	10.	75846.8	-1915.4
1965	9.3	73005.6	-1954.2	2055	9.1	74032.8	-1940.6	2145	9.8	74945.0	-1925.6	2235	9.5	75848.1	-1919.3
1966	9.4	73009.2	-1952.0	2056	9.5	74032.9	-1920.3	2146	9.5	74946.1	-1941.4	2236	9.7	75906.4	-1931.8
1967	5.8	73019.1	-1922.6	2057	9.3	74039.3	-1949.4	2147	9.7	74955.3	-1934.3	2237	9.5	75920.9	-1900.8
1968	9.5	73028.7	-1930.9	2058	10.	74047.9	-1907.7	2148	9.1	74958.8	-1954.5	2238	9.3	75922.5	-1901.6
1969	9.8	73034.6	-1934.7	2059	10.	74050.9	-1907.0	2149	9.5	75025.0	-1924.2	2239	9.4	75925.6	-1948.0
1970	9.7	73034.9	-1928.2	2060	9.5	74053.1	-1931.2	2150	9.7	75025.5	-1958.0	2240	7.5	75932.9	-1928.7
1971	9.3	73037.1	-1956.5	2061	9.2	74053.8	-1902.7	2151	9.5	75031.9	-1946.0	2241	9.4	75935.1	-1939.7
1972	9.6	73037.2	-1935.4	2062	7.6	74056.0	-1934.7	2152	9.3	75045.4	-1945.0	2242	9.3	75951.9	-1910.7
1973	9.8	73039.1	-1914.8	2063	9.4	74101.1	-1901.3	2153	8.8	75056.0	-1926.1	2243	8.0	80001.3	-1925.0
1974	8.9	73045.4	-1940.3	2064	10.	74113.3	-1908.3	2154	9.2	75057.7	-1908.2	2244	9.3	80004.5	-1915.5
1975	8.3	73052.6	-1958.6	2065	9.2	74114.6	-1911.4	2155	9.8	75106.4	-1908.1	2245	8.2	80005.9	-1955.1
1976	9.3	73056.0	-1905.1	2066	8.2	74123.7	-1937.7	2156	9.8	75107.6	-1932.9	2246	9.0	80008.6	-1941.8
1977	9.5	73101.2	-1928.8	2067	8.7	74124.9	-1912.4	2157	9.0	75113.5	-1955.5	2247	9.5	80014.5	-1923.2
1978	9.8	73132.3	-1918.3	2068	7.8	74133.8	-1902.6	2158	9.4	75113.8	-1939.7	2248	9.2	80022.0	-1936.0
1979	9.8	73134.4	-1901.4	2069	9.8	74136.3	-1902.5	2159	10.	75116.0	-1936.8	2249	9.5	80026.0	-1904.0
1980	9.5	73137.1	-1927.5	2070	9.2	74137.5	-1911.4	2160	9.2	75122.5	-1945.2	2250	9.4	80032.4	-1935.1
1981	9.1	73138.0	-1915.7	2071	9.5	74141.0	-1957.6	2161	9.8	75146.9	-1920.9	2251	9.6	80043.1	-1956.6
1982	9.8	73140.0	-1920.7	2072	9.5	74153.2	-1918.8	2162	8.8	75148.0	-1917.4	2252	9.5	80045.8	-1938.5
1983	9.2	73143.5	-1901.5	2073	9.3	74157.1	-1934.2	2163	8.8	75148.6	-1931.9	2253	9.3	80057.7	-1947.9
1984	10.	73148.8	-1950.8	2074	9.6	74157.2	-1900.8	2164	8.5	75153.7	-1907.3	2254	9.1	80113.7	-1949.2
1985	9.5	73156.8	-1942.9	2075	9.4	74202.3	-1927.5	2165	9.4	75157.4	-1947.8	2255	9.8	80116.5	-1906.0
1986	9.5	73156.8	-1928.5	2076	8.7	74204.0	-1953.4	2166	9.1	75159.8	-1957.8	2256	9.3	80126.4	-1907.4
1987	9.8	73213.3	-1923.1	2077	9.5	74208.3	-1906.8	2167	10.	75200.3	-1911.6	2257	9.3	80131.3	-1939.6
1988	9.7	73214.7	-1918.8	2078	9.4	74221.9	-1948.1	2168	8.5	75210.5	-1902.7	2258	9.5	80144.4	-1934.5
1989	9.1	73223.6	-1930.6	2079	9.7	74243.8	-1930.0	2169	9.5	75221.2	-1927.5	2259	9.5	80158.9	-1916.8
1990	9.2	73223.9	-1910.7	2080	9.5	74244.1	-1931.8	2170	9.8	75224.0	-1954.9	2260	7.8	80202.2	-1926.5
1991	9.3	73226.0	-1931.5	2081	9.5	74244.3	-1945.4	2171	9.4	75233.6	-1909.4	2261	8.3	80211.1	-1925.1
1992	9.1	73234.9	-1943.1	2082	9.5	74313.0	-1935.0	2172	8.4	75244.9	-1957.6	2262	6.7	80219.0	-1956.7
1993	7.7	73237.4	-1956.6	2083	6.8	74315.9	-1908.2	2173	9.1	75249.1	-1904.7	2263	9.4	80221.0	-1913.4
1994	9.6	73254.8	-1908.2	2084	8.7	74316.1	-1947.1	2174	9.3	75250.5	-1917.8	2264	8.8	80221.2	-1917.2

-19 2265 8h02m

-19 2624 9h01m

2265	9.2	80254.5	-1912.7	2355	7.0	81255.8	-1942.6	2445	9.5	82552.8	-1956.4	2535	9.8	84158.4	-1959.3
2266	9.4	80257.4	-1938.5	2356	10.	81303.2	-1938.5	2446	9.1	82602.6	-1935.0	2536	9.4	84228.8	-1914.2
2267	10.	80309.8	-1929.4	2357	9.3	81305.2	-1911.7	2447	10.	82607.0	-1922.0	2537	8.9	84243.3	-1956.5
2268	9.3	80311.9	-1904.2	2358	9.8	81316.6	-1930.2	2448	9.4	82612.1	-1943.5	2538	9.6	84251.2	-1912.3
2269	8.7	80313.6	-1948.2	2359	9.0	81318.3	-1940.0	2449	9.1	82614.2	-1947.5	2539	9.3	84313.1	-1902.7
2270	9.3	80313.8	-1902.9	2360	9.8	81324.0	-1921.3	2450	9.5	82628.2	-1926.4	2540	9.9	84320.5	-1900.4
2271	9.2	80318.5	-1943.7	2361	9.5	81330.0	-1936.7	2451	9.8	82629.9	-1916.8	2541	9.8	84324.3	-1938.5
2272	9.2	80320.2	-1949.7	2362	9.0	81339.5	-1949.2	2452	8.8	82658.0	-1914.7	2542	10.	84336.3	-1938.4
2273	9.0	80325.1	-1914.5	2363	8.7	81341.9	-1917.5	2453	9.0	82659.1	-1916.7	2543	9.6	84341.2	-1901.4
2274	9.3	80333.2	-1927.6	2364	8.7	81355.7	-1938.0	2454	9.8	82703.4	-1902.0	2544	9.0	84354.1	-1915.3
2275	9.2	80348.6	-1944.2	2365	10.	81358.4	-1921.8	2455	9.5	82712.9	-1912.0	2545	9.5	84414.6	-1904.7
2276	8.7	80358.4	-1936.4	2366	9.4	81429.3	-1942.9	2456	9.5	82725.4	-1959.7	2546	9.5	84428.5	-1919.8
2277	9.1	80406.1	-1923.1	2367	9.5	81449.0	-1954.6	2457	8.8	82726.8	-1934.1	2547	9.5	84433.1	-1915.5
2278	9.0	80414.2	-1913.4	2368	8.5	81452.1	-1905.6	2458	9.3	82729.5	-1921.3	2548	7.7	84446.1	-1958.6
2279	9.8	80432.4	-1937.4	2369	5.8	81452.7	-1937.0	2459	9.1	82732.6	-1945.0	2549	9.3	84449.0	-1945.0
2280	9.5	80433.5	-1912.6	2370	9.4	81500.6	-1955.2	2460	9.0	82748.9	-1904.3	2550	10.	84454.6	-1921.7
2281	8.5	80506.1	-1952.0	2371	9.2	81504.3	-1944.5	2461	9.7	82750.8	-1918.1	2551	9.1	84515.0	-1953.5
2282	9.5	80525.5	-1942.6	2372	9.3	81504.4	-1926.0	2462	9.8	82759.5	-1928.0	2552	9.1	84522.4	-1958.8
2283	9.5	80535.9	-1905.5	2373	9.6	81509.5	-1942.3	2463	9.7	82810.9	-1932.8	2553	9.1	84527.9	-1941.0
2284	9.5	80552.5	-1944.0	2374	9.0	81518.7	-1957.7	2464	9.5	82814.2	-1954.2	2554	9.5	84532.2	-1934.0
2285	9.3	80558.4	-1913.3	2375	8.8	81526.2	-1937.4	2465	9.4	82857.8	-1949.7	2555	8.3	84553.7	-1959.4
2286	8.8	80613.3	-1936.5	2376	9.8	81536.8	-1940.7	2466	8.6	82858.8	-1917.1	2556	9.8	84600.5	-1906.2
2287	10.	80615.0	-1932.0	2377	9.2	81541.5	-1932.1	2467	8.7	82859.6	-1951.0	2557	9.1	84716.6	-1931.0
2288	9.2	80633.4	-1938.8	2378	9.8	81547.9	-1950.0	2468	9.8	82908.3	-1933.4	2558	7.5	84723.2	-1952.6
2289	8.9	80635.8	-1901.2	2379	9.0	81603.6	-1918.8	2469	8.8	82926.7	-1934.7	2559	9.2	84731.1	-1929.6
2290	9.5	80638.1	-1920.4	2380	9.8	81614.2	-1942.9	2470	9.4	82932.1	-1949.0	2560	9.8	84743.5	-1958.2
2291	9.8	80638.6	-1936.5	2381	9.8	81620.1	-1906.8	2471	10.	82941.3	-1945.6	2561	9.5	84746.0	-1939.1
2292	9.5	80639.7	-1924.5	2382	9.4	81629.9	-1951.6	2472	9.7	82953.2	-1930.0	2562	9.8	84752.3	-1913.3
2293	8.8	80643.8	-1901.2	2383	9.7	81632.3	-1922.5	2473	9.6	83000.9	-1917.5	2563	9.3	84817.4	-1936.5
2294	9.4	80707.2	-1928.9	2384	9.3	81641.6	-1936.0	2474	9.0	83005.0	-1931.6	2564	9.3	84821.4	-1927.5
2295	9.3	80707.3	-1906.2	2385	9.4	81659.5	-1935.4	2475	9.1	83007.4	-1902.3	2565	9.5	84830.3	-1913.4
2296	9.4	80710.5	-1919.4	2386	8.9	81702.1	-1917.3	2476	9.8	83014.0	-1922.0	2566	8.9	84857.3	-1955.6
2297	9.8	80721.9	-1940.1	2387	9.5	81712.4	-1920.2	2477	9.1	83027.8	-1919.8	2567	9.3	84906.9	-1932.9
2298	8.8	80723.7	-1913.5	2388	10.	81715.2	-1915.9	2478	9.5	83030.4	-1921.0	2568	9.5	84923.5	-1901.3
2299	9.3	80727.4	-1921.9	2389	9.4	81724.3	-1949.8	2479	9.5	83049.9	-1942.5	2569	9.0	84924.5	-1915.2
2300	9.1	80732.1	-1913.8	2390	9.6	81734.4	-1918.0	2480	9.2	83055.4	-1944.3	2570	9.3	84959.0	-1904.7
2301	9.3	80734.2	-1911.8	2391	9.4	81743.4	-1914.7	2481	9.5	83110.8	-1900.6	2571	8.5	85011.4	-1936.5
2302	9.8	80742.7	-1901.0	2392	9.6	81747.6	-1908.2	2482	9.3	83117.4	-1901.2	2572	9.1	85014.5	-1950.3
2303	9.1	80744.5	-1912.6	2393	9.2	81759.7	-1932.9	2483	8.0	83125.0	-1948.3	2573	9.4	85018.2	-1906.5
2304	9.5	80745.6	-1954.1	2394	9.2	81802.9	-1957.2	2484	9.4	83134.5	-1945.0	2574	9.2	85037.9	-1905.2
2305	8.3	80754.7	-1911.3	2395	9.4	81814.7	-1941.3	2485	9.0	83142.1	-1955.7	2575	9.4	85049.7	-1905.4
2306	9.4	80758.5	-1925.5	2396	9.3	81827.4	-1927.2	2486	8.9	83145.7	-1911.4	2576	8.8	85053.7	-1906.4
2307	9.4	80803.1	-1949.6	2397	9.3	81832.9	-1928.3	2487	9.0	83147.8	-1905.3	2577	9.8	85103.5	-1953.0
2308	9.5	80806.2	-1927.5	2398	9.4	81841.5	-1931.0	2488	9.5	83149.2	-1934.9	2578	9.3	85107.8	-1904.9
2309	9.5	80817.8	-1904.7	2399	9.1	81907.0	-1922.0	2489	6.7	83207.2	-1913.7	2579	9.4	85119.7	-1923.5
2310	8.9	80822.4	-1954.9	2400	8.7	81921.4	-1930.8	2490	9.0	83219.8	-1936.4	2580	9.7	85123.9	-1916.5
2311	9.5	80831.2	-1930.9	2401	9.1	81924.5	-1911.8	2491	9.0	83237.0	-1928.6	2581	9.5	85124.3	-1935.0
2312	9.5	80841.0	-1914.9	2402	9.8	81933.8	-1948.9	2492	9.4	83237.3	-1930.0	2582	9.6	85141.4	-1938.1
2313	9.1	80856.7	-1933.4	2403	8.8	81934.1	-1908.1	2493	9.8	83242.6	-1901.9	2583	9.7	85156.9	-1958.0
2314	9.3	80858.0	-1925.1	2404	9.3	82000.7	-1919.7	2494	9.7	83247.7	-1908.5	2584	9.8	85159.2	-1923.0
2315	9.1	80901.0	-1919.4	2405	9.5	82029.0	-1938.5	2495	9.4	83250.3	-1948.9	2585	9.1	85212.9	-1947.8
2316	8.9	80911.4	-1916.0	2406	9.2	82050.5	-1957.4	2496	9.0	83250.4	-1955.3	2586	9.2	85221.3	-1959.0
2317	10.	80919.8	-1908.3	2407	9.5	82052.2	-1931.2	2497	9.6	83311.0	-1926.0	2587	8.5	85224.6	-1954.3
2318	9.4	80923.2	-1933.8	2408	9.4	82052.6	-1909.4	2498	9.5	83418.6	-1911.4	2588	9.1	85253.2	-1918.0
2319	9.3	80923.6	-1950.0	2409	9.5	82054.8	-1941.7	2499	9.3	83423.3	-1902.0	2589	9.9	85325.5	-1957.4
2320	9.7	80925.4	-1936.5	2410	9.7	82103.2	-1932.4	2500	7.4	83435.8	-1924.0	2590	9.9	85342.5	-1909.8
2321	8.3	80928.3	-1937.1	2411	9.5	82117.1	-1943.6	2501	9.8	83436.1	-1916.2	2591	8.8	85359.6	-1938.8
2322	9.3	80935.7	-1909.5	2412	9.5	82121.6	-1902.0	2502	9.1	83441.3	-1926.5	2592	9.8	85403.5	-1914.2
2323	9.3	80941.5	-1922.2	2413	9.3	82121.6	-1913.4	2503	9.2	83444.2	-1932.7	2593	9.8	85408.0	-1933.4
2324	9.5	80944.1	-1928.0	2414	9.5	82124.4	-1928.5	2504	9.4	83504.3	-1922.4	2594	9.5	85424.2	-1925.3
2325	9.4	80944.9	-1935.1	2415	8.5	82126.2	-1942.9	2505	8.3	83505.9	-1928.8	2595	9.0	85441.5	-1908.2
2326	10.	80955.9	-1911.9	2416	9.5	82149.0	-1904.3	2506	9.3	83523.0	-1918.9	2596	9.1	85443.2	-1901.0
2327	8.2	80958.7	-1935.5	2417	9.1	82200.5	-1918.2	2507	9.6	83547.1	-1920.6	2597	9.0	85520.3	-1928.1
2328	9.3	81003.9	-1906.7	2418	9.2	82208.3	-1917.5	2508	9.3	83550.0	-1916.7	2598	10.	85534.0	-1933.8
2329	9.0	81004.3	-1955.9	2419	9.5	82225.9	-1918.6	2509	9.5	83609.7	-1901.2	2599	9.0	85544.9	-1925.9
2330	9.5	81004.7	-1908.4	2420	8.8	82230.2	-1946.4	2510	8.9	83648.9	-1933.8	2600	9.8	85556.9	-1945.8
2331	9.5	81005.9	-1916.4	2421	9.8	82232.0	-1904.9	2511	9.1	83651.7	-1903.4	2601	9.8	85623.7	-1943.9
2332	9.8	81014.6	-1913.5	2422	9.3	82244.5	-1908.3	2512	9.5	83657.1	-1907.0	2602	9.8	85626.0	-1912.1
2333	9.1	81017.2	-1954.4	2423	9.4	82251.9	-1918.4	2513	9.0	83702.6	-1944.2	2603	7.7	85631.9	-1958.7
2334	9.8	81019.7	-1913.2	2424	8.5	82315.0	-1937.7	2514	9.1	83735.6	-1906.7	2604	9.3	85707.3	-1941.1
2335	8.5	81020.1	-1928.5	2425	9.2	82321.9	-1915.4	2515	7.3	83746.6	-1944.2	2605	8.5	85710.9	-1915.2
2336	10.	81035.6	-1911.0	2426	9.4	82324.6	-1911.3	2516	9.1	83755.2	-1910.8	2606	9.8	85727.1	-1959.6
2337	9.5	81046.1	-1928.3	2427	9.1	82344.8	-1934.6	2517	9.2	83804.6	-1904.7	2607	9.8	85739.8	-1921.5
2338	9.1	81047.8	-1941.8	2428	9.8	82345.4	-1956.3	2518	9.1	83842.6	-1908.2	2608	9.6	85740.9	-1915.0
2339	9.7	81051.7	-1901.5	2429	8.3	82352.2	-1948.5	2519	8.9	83847.0	-1940.6	2609	9.8	85755.0	-1956.2
2340	9.6	81108.5	-1934.3	2430	9.5	82409.1	-1925.0	2520	9.6	83851.1	-1912.4	2610	8.4	85755.6	-1929.5
2341	9.7	81114.3	-1926.0	2431	7.8	82435.7	-1948.7	2521	9.2	83902.1	-1903.3	2611	9.8	85811.5	-1919.0
2342	9.4	81114.8	-1948.4	2432	9.1	82437.5	-1941.1	2522	7.3	83947.2	-1954.0	2612	9.1	85815.5	-1903.1
2343	9.1	81128.3	-1959.3	2433	10.	82440.6	-1907.7	2523	9.1	83951.5	-1919.0	2613	9.0	85843.3	-1948.3
2344	8.8	81139.9	-1944.6	2434	10.	82443.7	-1907.6	2524	9.2	84012.1	-1923.2	2614	9.1	85849.1	-1931.8
2345	9.3	81147.0	-1919.4	2435	9.5	82450.3	-1953.8	2525	9.4	84031.0	-1906.1	2615	9.3	85855.0	-1953.9
2346	9.0	81154.1	-1949.0	2436	7.7	82453.0	-1901.1	2526	8.0	84037.0	-1947.0	2616	9.8	85901.7	-1941.6
2347	9.0	81156.1	-1950.2	2437	9.0	82458.7	-1951.2	2527	9.9	84039.9	-1936.8	2617	8.5	85933.6	-1931.7
2348	8.9	81204.1	-1931.0	2438	5.6	82459.4	-1905.2	2528	9.3	84111.9	-1938.8	2618	9.2	85935.0	-1922.8
2349	9.8	81224.2	-1908.1	2439	9.1	82500.3	-1940.7	2529	8.0	84115.0	-1915.1	2619	9.8	85938.1	-1933.7
2350	9.5	81235.5	-1954.0	2440	9.3	82510.9	-1933.8	2530	9.9	84123.1	-1942.8	2620	9.8	90041.7	-1942.7
2351	9.7	81242.7	-1942.8	2441	9.0	82521.6	-1945.0	2531	9.5	84124.6	-1953.8	2621	9.8	90043.4	-1903.3
2352	9.3	81245.4	-1951.7	2442	9.5	82524.0	-1938.5	2532	9.1	84125.3	-1923.2	2622	8.6	90045.2	-1945.8
2353	9.5	81248.9	-1945.9	2443	8.7	82537.9	-1911.5	2533	9.9	84129.4	-1914.3	2623	9.4	90056.0	-1957.0
2354	9.4	81255.4	-1921.5	2444	8.2	82544.8	-1928.8	2534	9.8	84152.6	-1955.4	2624	9.7	90119.8	-1954.0

-19 2625 9h01m

-19 2984 10h14m

2625	8.9	90125.1	-1910.8	2715	9.0	92016.2	-1903.0	2805	9.4	93825.1	-1904.0	2895	8.6	95520.4	-1904.2
2626	9.8	90127.5	-1900.3	2716	9.8	92045.6	-1942.7	2806	9.3	93826.6	-1900.2	2896	9.2	95543.2	-1952.2
2627	9.4	90139.0	-1941.3	2717	9.8	92048.7	-1941.0	2807	9.8	93829.4	-1947.0	2897	7.0	95547.1	-1943.6
2628	9.8	90144.1	-1943.3	2718	9.8	92106.8	-1925.9	2808	9.8	93831.0	-1932.0	2898	9.8	95550.0	-1928.8
2629	9.8	90203.0	-1930.3	2719	9.4	92109.7	-1910.4	2809	8.2	93835.3	-1940.5	2899	9.1	95606.8	-1902.8
2630	9.8	90209.3	-1956.9	2720	9.8	92127.4	-1930.1	2810	9.5	93855.9	-1948.7	2900	9.8	95632.4	-1901.5
2631	9.1	90214.9	-1926.5	2721	9.6	92154.4	-1937.8	2811	8.8	93856.6	-1901.8	2901	9.9	95659.1	-1941.5
2632	9.5	90228.0	-1916.5	2722	10.	92201.1	-1915.4	2812	9.0	93911.4	-1946.2	2902	9.0	95708.7	-1912.2
2633	9.2	90228.2	-1931.0	2723	8.0	92218.5	-1947.9	2813	7.0	93919.5	-1903.5	2903	9.3	95730.8	-1907.0
2634	9.3	90243.7	-1915.9	2724	9.3	92255.9	-1957.4	2814	9.1	93922.8	-1946.9	2904	9.5	95812.0	-1946.6
2635	9.8	90251.6	-1943.7	2725	9.1	92256.9	-1903.9	2815	9.8	93926.4	-1916.3	2905	9.8	95819.3	-1948.3
2636	9.8	90309.4	-1923.7	2726	9.0	92259.0	-1945.0	2816	9.7	93928.1	-1941.7	2906	9.8	95848.1	-1956.8
2637	8.4	90313.3	-1909.0	2727	9.8	92316.0	-1953.8	2817	9.5	93933.7	-1927.2	2907	9.8	95856.2	-1909.1
2638	9.1	90313.4	-1902.0	2728	9.2	92329.8	-1911.4	2818	9.7	93936.7	-1918.7	2908	8.5	95903.0	-1950.6
2639	9.7	90320.8	-1957.9	2729	8.5	92334.6	-1910.2	2819	9.9	93954.3	-1941.8	2909	9.0	95908.2	-1905.0
2640	9.1	90337.3	-1919.4	2730	9.7	92353.5	-1958.1	2820	10.	94013.4	-1952.7	2910	9.8	95936.6	-1949.3
2641	9.7	90339.2	-1930.7	2731	9.1	92358.9	-1944.1	2821	8.5	94013.4	-1942.4	2911	9.1	95942.9	-1933.7
2642	9.7	90457.9	-1928.5	2732	9.4	92504.0	-1959.5	2822	9.6	94016.2	-1910.9	2912	9.7	95943.6	-1926.7
2643	9.0	90515.4	-1921.9	2733	9.7	92504.4	-1919.3	2823	9.4	94017.5	-1904.8	2913	9.6	95946.3	-1903.0
2644	6.3	90519.2	-1909.4	2734	9.0	92515.2	-1929.5	2824	9.9	94033.6	-1926.6	2914	9.7	95955.8	-1921.2
2645	9.8	90525.5	-1943.1	2735	9.8	92516.4	-1921.7	2825	9.9	94040.7	-1935.7	2915	8.8	100008.7	-1905.9
2646	9.8	90601.3	-1915.3	2736	9.5	92521.3	-1941.9	2826	10.	94044.5	-1902.5	2916	9.2	100024.2	-1928.7
2647	9.8	90604.9	-1929.1	2737	9.2	92527.7	-1928.6	2827	9.8	94110.2	-1936.4	2917	9.8	100029.8	-1920.6
2648	9.8	90647.5	-1947.9	2738	9.8	92531.8	-1953.8	2828	9.9	94116.6	-1926.5	2918	7.2	100030.2	-1900.2
2649	8.5	90700.1	-1909.6	2739	9.9	92607.2	-1930.1	2829	9.4	94139.6	-1930.6	2919	9.3	100035.1	-1917.8
2650	9.8	90701.2	-1919.9	2740	9.8	92619.2	-1926.0	2830	8.2	94143.0	-1917.1	2920	9.6	100050.3	-1944.7
2651	9.8	90701.9	-1934.2	2741	10.	92633.2	-1938.2	2831	9.2	94155.9	-1909.5	2921	9.7	100058.6	-1954.1
2652	9.0	90708.1	-1954.2	2742	9.8	92640.5	-1938.7	2832	9.2	94157.7	-1909.5	2922	9.5	100109.4	-1937.5
2653	8.2	90709.6	-1937.8	2743	9.8	92704.6	-1923.5	2833	10.	94218.3	-1953.1	2923	9.6	100110.3	-1910.4
2654	8.7	90710.0	-1942.3	2744	8.5	92709.5	-1915.2	2834	10.	94234.5	-1917.7	2924	8.6	100116.4	-1948.7
2655	8.2	90711.2	-1922.9	2745	9.1	92717.5	-1910.6	2835	10.	94236.7	-1903.3	2925	9.8	100129.8	-1919.8
2656	9.8	90716.3	-1927.8	2746	9.5	92725.4	-1910.8	2836	9.6	94250.6	-1909.5	2926	7.2	100129.9	-1901.9
2657	9.5	90725.2	-1912.4	2747	9.2	92748.4	-1958.6	2837	10.	94305.8	-1950.2	2927	9.6	100143.1	-1951.8
2658	9.8	90734.4	-1936.9	2748	9.8	92800.0	-1902.6	2838	9.5	94314.5	-1900.2	2928	8.8	100150.5	-1936.6
2659	8.0	90747.3	-1924.1	2749	9.1	92804.1	-1934.0	2839	9.0	94314.6	-1935.9	2929	10.	100219.7	-1922.9
2660	7.3	90823.3	-1930.7	2750	9.8	92825.3	-1942.9	2840	9.9	94340.2	-1950.0	2930	9.8	100244.5	-1953.1
2661	9.5	90823.7	-1912.7	2751	9.8	92829.4	-1918.8	2841	9.6	94350.8	-1906.0	2931	8.8	100253.1	-1915.4
2662	9.0	90836.9	-1911.8	2752	9.8	92909.7	-1917.1	2842	8.5	94400.5	-1926.3	2932	9.3	100301.4	-1951.3
2663	9.6	90847.5	-1919.5	2753	8.4	92916.3	-1954.6	2843	9.0	94406.2	-1915.8	2933	9.6	100317.8	-1938.2
2664	9.4	90853.4	-1940.0	2754	9.9	92928.1	-1948.2	2844	8.7	94415.5	-1927.6	2934	9.6	100350.0	-1958.9
2665	9.0	90857.8	-1931.5	2755	9.0	92934.2	-1944.9	2845	9.8	94419.9	-1918.4	2935	9.4	100358.2	-1958.2
2666	9.2	90940.5	-1927.9	2756	9.8	92934.8	-1927.3	2846	9.7	94429.8	-1906.0	2936	9.6	100403.1	-1958.1
2667	9.1	91013.2	-1933.2	2757	9.4	92947.1	-1940.6	2847	9.8	94440.2	-1952.6	2937	8.8	100405.7	-1914.5
2668	9.0	91031.9	-1949.3	2758	9.6	93006.1	-1910.0	2848	9.2	94445.0	-1901.2	2938	8.5	100406.9	-1955.9
2669	9.3	91032.8	-1943.7	2759	9.8	93017.2	-1944.4	2849	8.6	94501.4	-1905.0	2939	8.6	100418.3	-1931.0
2670	9.8	91039.4	-1902.4	2760	9.8	93017.3	-1935.2	2850	8.0	94501.5	-1921.8	2940	9.5	100426.0	-1913.7
2671	9.0	91114.9	-1902.0	2761	9.3	93023.0	-1956.4	2851	9.4	94528.5	-1931.5	2941	9.5	100427.0	-1905.8
2672	9.6	91137.7	-1926.3	2762	9.5	93043.7	-1958.3	2852	9.8	94548.6	-1937.1	2942	9.8	100433.8	-1933.0
2673	9.0	91140.3	-1945.2	2763	9.3	93105.1	-1937.5	2853	10.	94604.9	-1916.2	2943	9.8	100456.0	-1916.0
2674	8.0	91145.8	-1945.2	2764	9.4	93113.6	-1940.8	2854	9.5	94626.6	-1935.7	2944	9.2	100504.9	-1907.8
2675	9.7	91218.1	-1957.2	2765	9.6	93128.4	-1913.8	2855	10.	94627.3	-1916.8	2945	9.9	100505.9	-1915.4
2676	9.0	91228.3	-1949.7	2766	9.6	93131.4	-1916.7	2856	8.8	94708.7	-1908.9	2946	9.5	100518.6	-1918.4
2677	9.5	91233.8	-1939.9	2767	8.6	93137.6	-1953.5	2857	8.4	94733.5	-1936.9	2947	9.0	100535.9	-1906.3
2678	9.4	91244.2	-1911.6	2768	9.8	93200.2	-1951.8	2858	9.3	94736.4	-1912.8	2948	9.5	100557.2	-1924.0
2679	9.7	91256.3	-1959.0	2769	9.7	93206.4	-1923.5	2859	9.3	94737.3	-1946.0	2949	9.1	100621.1	-1927.3
2680	9.2	91307.9	-1959.3	2770	9.3	93207.9	-1931.5	2860	9.6	94742.1	-1959.9	2950	9.0	100622.4	-1914.9
2681	9.5	91310.4	-1906.6	2771	9.4	93211.7	-1936.6	2861	9.4	94801.8	-1910.6	2951	9.5	100636.1	-1920.0
2682	9.6	91313.6	-1920.9	2772	9.6	93247.6	-1955.7	2862	9.3	94803.6	-1930.2	2952	9.3	100658.6	-1911.3
2683	9.8	91315.3	-1932.3	2773	9.4	93251.9	-1924.3	2863	9.1	94811.7	-1908.0	2953	9.3	100709.0	-1900.6
2684	9.7	91321.4	-1912.3	2774	9.0	93257.9	-1958.1	2864	9.2	94838.4	-1928.7	2954	9.8	100718.1	-1932.9
2685	9.0	91354.7	-1940.4	2775	9.8	93318.1	-1946.6	2865	8.0	94839.4	-1917.8	2955	9.8	100726.0	-1925.0
2686	9.7	91405.4	-1912.3	2776	9.0	93320.0	-1909.8	2866	9.6	94840.3	-1958.7	2956	9.5	100747.6	-1928.0
2687	9.8	91414.4	-1956.2	2777	9.1	93321.6	-1957.1	2867	9.1	94846.3	-1900.6	2957	9.3	100833.6	-1910.4
2688	9.3	91418.1	-1918.4	2778	9.7	93332.2	-1953.7	2868	9.8	94852.7	-1914.7	2958	9.5	100838.2	-1941.0
2689	9.0	91422.1	-1923.8	2779	9.1	93340.0	-1934.1	2869	9.4	94858.8	-1908.8	2959	9.2	100838.8	-1911.3
2690	9.5	91425.4	-1904.5	2780	10.	93422.9	-1931.0	2870	8.7	94911.0	-1915.6	2960	9.0	100845.4	-1906.9
2691	9.8	91437.6	-1928.7	2781	9.8	93424.2	-1938.5	2871	8.0	94924.2	-1901.5	2961	10.	100853.6	-1916.1
2692	9.8	91450.0	-1931.6	2782	9.4	93426.8	-1928.4	2872	9.5	95009.4	-1942.0	2962	9.4	100906.7	-1916.7
2693	9.5	91453.3	-1912.4	2783	9.4	93454.9	-1914.0	2873	9.8	95028.1	-1940.4	2963	9.4	100942.1	-1945.6
2694	9.3	91502.9	-1906.5	2784	9.8	93500.5	-1952.5	2874	9.7	95035.9	-1935.0	2964	6.6	100953.0	-1956.6
2695	9.3	91522.1	-1937.0	2785	8.6	93503.7	-1941.9	2875	9.7	95036.1	-1953.3	2965	8.7	100956.1	-1946.0
2696	9.8	91530.5	-1927.7	2786	8.5	93506.3	-1930.7	2876	9.5	95125.0	-1944.9	2966	9.8	101002.5	-1933.3
2697	9.5	91551.2	-1959.4	2787	9.6	93508.3	-1927.1	2877	9.0	95136.3	-1936.1	2967	10.	101036.9	-1905.3
2698	9.6	91602.1	-1936.5	2788	10.	93530.4	-1945.[illegible]	2878	9.8	95147.2	-1924.1	2968	9.2	101051.1	-1944.2
2699	9.4	91605.8	-1956.5	2789	9.5	93533.8	-1921.[illegible]	2879	9.7	95202.3	-1939.4	2969	10.	101055.8	-1912.9
2700	9.4	91617.9	-1912.0	2790	8.5	93538.0	-1949.0	2880	9.8	95213.8	-1908.5	2970	9.1	101129.0	-1946.0
2701	9.8	91719.6	-1925.7	2791	9.5	93554.1	-1908.2	2881	9.1	95226.9	-1914.6	2971	9.4	101142.7	-1908.4
2702	9.5	91725.3	-1907.6	2792	10.	93600.0	-1946.4	2882	9.4	95228.1	-1916.2	2972	9.5	101147.0	-1942.7
2703	8.9	91740.0	-1930.7	2793	9.3	93624.1	-1954.3	2883	8.0	95228.5	-1928.6	2973	9.3	101147.4	-1924.8
2704	9.8	91751.9	-1922.6	2794	9.5	93626.7	-1901.2	2884	6.4	95229.4	-1939.8	2974	8.5	101205.4	-1934.8
2705	9.8	91756.5	-1936.9	2795	7.0	93645.4	-1942.1	2885	9.4	95237.6	-1921.8	2975	9.5	101214.5	-1941.1
2706	9.4	91807.6	-1943.4	2796	9.8	93648.7	-1900.5	2886	9.8	95247.3	-1935.7	2976	9.0	101230.6	-1917.2
2707	9.8	91809.4	-1916.1	2797	9.5	93701.3	-1932.7	2887	9.4	95257.6	-1948.5	2977	9.0	101233.5	-1946.7
2708	9.0	91914.1	-1945.3	2798	9.2	93718.4	-1938.5	2888	10.	95259.0	-1950.1	2978	9.9	101239.0	-1940.4
2709	9.8	91916.7	-1935.5	2799	9.5	93745.3	-1908.2	2889	8.9	95259.9	-1928.7	2979	9.1	101312.6	-1915.5
2710	8.2	91928.5	-1928.0	2800	9.1	93747.3	-1940.0	2890	9.2	95346.2	-1915.0	2980	9.5	101316.0	-1935.5
2711	9.7	91930.8	-1912.2	2801	9.0	93748.4	-1916.4	2891	9.5	95351.1	-1957.1	2981	9.6	101352.8	-1913.0
2712	9.3	91931.9	-1925.7	2802	10.	93805.9	-1925.0	2892	9.5	95443.1	-1934.1	2982	9.5	101415.8	-1915.9
2713	9.5	92011.3	-1901.2	2803	9.8	93809.5	-1936.7	2893	10.	95449.9	-1913.7	2983	9.8	101415.9	-1947.1
2714	9.1	92013.4	-1929.4	2804	9.8	93813.4	-1915.0	2894	9.5	95501.2	-1949.7	2984	10.	101445.8	-1953.7

2985	9.4	101447.1	-1911.4	3075	9.4	103338.1	-1948.7	3165	9.4	105511.9	-1902.1	3255	10.	111644.4	-1950.2
2986	7.5	101506.0	-1950.5	3076	10.	103347.4	-1905.5	3166	9.0	105613.0	-1952.5	3256	9.3	111644.8	-1922.2
2987	6.5	101516.9	-1908.1	3077	9.1	103358.5	-1932.6	3167	9.8	105648.2	-1932.8	3257	9.8	111651.1	-1921.6
2988	8.5	101517.7	-1956.7	3078	9.6	103359.4	-1929.5	3168	8.8	105649.0	-1958.4	3258	9.4	111721.3	-1952.9
2989	9.4	101523.9	-1950.0	3079	9.0	103402.5	-1933.5	3169	9.1	105717.8	-1936.2	3259	9.2	111729.5	-1902.5
2990	9.5	101525.7	-1941.4	3080	7.5	103521.6	-1950.4	3170	9.8	105821.4	-1945.4	3260	9.5	111733.1	-1932.6
2991	10.	101532.2	-1920.7	3081	9.4	103534.0	-1943.7	3171	9.1	105834.9	-1919.1	3261	9.3	111738.2	-1901.6
2992	9.5	101600.3	-1942.3	3082	9.5	103535.9	-1933.4	3172	8.2	105842.8	-1937.5	3262	9.8	111757.1	-1932.8
2993	10.	101638.8	-1900.1	3083	9.4	103609.2	-1900.8	3173	9.5	105904.9	-1950.0	3263	9.7	111757.4	-1957.1
2994	8.2	101643.7	-1930.3	3084	9.8	103622.1	-1933.4	3174	9.4	105907.8	-1908.9	3264	9.3	111817.4	-1958.0
2995	9.9	101646.7	-1915.8	3085	9.5	103632.8	-1927.2	3175	8.9	105919.3	-1907.4	3265	7.0	111848.2	-1946.8
2996	8.8	101648.3	-1911.2	3086	9.6	103633.2	-1912.3	3176	8.2	105929.0	-1954.8	3266	9.5	111849.4	-1916.8
2997	10.	101652.6	-1909.1	3087	9.8	103659.3	-1956.2	3177	9.6	105937.6	-1920.9	3267	9.1	111855.4	-1912.5
2998	9.5	101708.7	-1959.5	3088	10.	103701.5	-1910.4	3178	9.2	105957.1	-1915.0	3268	9.8	111948.2	-1923.1
2999	8.7	101711.0	-1905.0	3089	9.1	103710.9	-1918.9	3179	9.8	110054.8	-1906.5	3269	9.7	111958.4	-1916.9
3000	9.8	101714.6	-1928.1	3090	9.8	103718.3	-1928.0	3180	9.8	110110.8	-1941.6	3270	8.7	112002.9	-1959.5
3001	8.8	101730.0	-1914.5	3091	9.8	103738.8	-1954.9	3181	9.5	110120.1	-1937.5	3271	9.1	112010.1	-1947.6
3002	10.	101805.4	-1902.7	3092	9.3	103754.8	-1956.5	3182	9.3	110122.2	-1920.1	3272	8.9	112050.6	-1914.5
3003	9.0	101806.8	-1952.0	3093	9.4	103803.0	-1946.5	3183	8.0	110135.7	-1916.1	3273	9.8	112211.8	-1923.5
3004	10.	101813.6	-1904.7	3094	9.8	103819.8	-1943.7	3184	9.0	110141.0	-1918.9	3274	9.8	112224.3	-1909.7
3005	8.1	101819.0	-1904.1	3095	9.2	103839.0	-1951.1	3185	7.5	110157.7	-1943.3	3275	8.8	112253.4	-1925.2
3006	7.7	101855.2	-1935.3	3096	9.1	103856.8	-1924.2	3186	9.0	110203.5	-1922.5	3276	9.7	112258.0	-1938.2
3007	9.2	101856.9	-1915.1	3097	8.5	103859.7	-1906.0	3187	9.8	110219.6	-1900.6	3277	9.3	112305.5	-1925.0
3008	8.9	101905.4	-1902.9	3098	9.8	103921.6	-1929.9	3188	9.9	110228.2	-1918.3	3278	9.2	112324.5	-1907.6
3009	9.3	101906.9	-1911.9	3099	10.	103924.5	-1959.1	3189	9.8	110301.7	-1955.7	3279	9.4	112326.0	-1952.1
3010	9.5	101911.1	-1926.7	3100	9.8	103937.6	-1929.2	3190	8.8	110304.7	-1920.1	3280	8.8	112328.1	-1905.8
3011	9.6	101927.1	-1931.5	3101	8.9	103953.6	-1906.9	3191	9.8	110309.2	-1955.5	3281	8.8	112336.2	-1901.7
3012	8.7	101941.2	-1942.8	3102	10.	104037.5	-1905.6	3192	8.8	110310.3	-1937.0	3282	8.0	112341.3	-1923.8
3013	10.	101957.0	-1918.2	3103	9.5	104045.0	-1918.5	3193	9.9	110350.0	-1928.1	3283	9.6	112347.4	-1940.0
3014	9.8	102003.5	-1924.2	3104	8.0	104051.6	-1934.5	3194	9.9	110413.6	-1950.9	3284	9.4	112429.3	-1957.0
3015	10.	102031.3	-1929.3	3105	9.6	104115.3	-1953.7	3195	8.8	110423.9	-1923.1	3285	6.3	112433.0	-1958.5
3016	9.5	102033.8	-1934.4	3106	9.6	104117.2	-1954.3	3196	9.8	110427.1	-1943.9	3286	9.4	112436.5	-1917.4
3017	9.0	102035.9	-1939.9	3107	9.8	104124.5	-1902.2	3197	10.	110441.1	-1950.9	3287	9.8	112449.4	-1950.3
3018	9.1	102040.8	-1942.8	3108	9.0	104155.4	-1938.6	3198	7.5	110444.2	-1921.6	3288	9.1	112505.4	-1907.0
3019	9.3	102043.5	-1946.3	3109	9.5	104213.6	-1933.2	3199	9.7	110515.2	-1918.9	3289	9.5	112516.3	-1958.3
3020	9.4	102046.9	-1900.0	3110	9.3	104221.9	-1915.5	3200	10.	110541.1	-1956.9	3290	10.	112537.8	-1900.3
3021	9.4	102049.8	-1900.1	3111	9.4	104225.0	-1909.3	3201	9.7	110557.4	-1959.4	3291	8.7	112549.8	-1901.2
3022	9.2	102109.1	-1932.3	3112	9.8	104236.7	-1932.3	3202	8.2	110559.0	-1945.3	3292	9.1	112612.3	-1942.3
3023	9.0	102131.8	-1956.3	3113	8.8	104321.9	-1925.2	3203	9.4	110600.8	-1906.2	3293	8.7	112620.9	-1944.3
3024	9.8	102203.8	-1906.7	3114	8.3	104339.8	-1915.8	3204	10.	110620.3	-1920.2	3294	9.8	112622.7	-1933.1
3025	10.	102240.1	-1924.4	3115	9.6	104354.1	-1951.1	3205	8.2	110627.0	-1939.7	3295	9.8	112624.8	-1901.9
3026	10.	102254.9	-1909.6	3116	9.5	104415.6	-1945.9	3206	8.7	110646.4	-1908.0	3296	9.2	112627.3	-1905.1
3027	9.8	102315.0	-1938.7	3117	9.1	104443.3	-1923.7	3207	9.9	110657.2	-1914.6	3297	10.	112635.9	-1950.0
3028	8.7	102315.8	-1951.3	3118	9.3	104501.7	-1914.9	3208	8.0	110732.5	-1952.0	3298	9.0	112719.1	-1929.9
3029	8.6	102322.8	-1906.7	3119	9.0	104511.8	-1901.5	3209	9.8	110749.4	-1940.8	3299	9.9	112741.3	-1905.9
3030	9.6	102330.7	-1942.1	3120	9.7	104553.5	-1958.8	3210	9.0	110815.6	-1904.6	3300	10.	112748.6	-1930.7
3031	9.6	102332.9	-1940.4	3121	9.7	104559.4	-1917.0	3211	9.8	110825.8	-1927.1	3301	9.1	112750.2	-1935.2
3032	9.8	102335.1	-1919.0	3122	7.0	104602.5	-1950.8	3212	9.8	110832.9	-1936.3	3302	8.0	112755.3	-1945.0
3033	9.0	102338.4	-1934.6	3123	9.2	104607.6	-1918.0	3213	9.3	110848.7	-1920.7	3303	9.5	112800.8	-1946.1
3034	8.8	102348.3	-1921.4	3124	9.1	104619.8	-1924.0	3214	8.8	110850.6	-1921.5	3304	9.2	112811.7	-1942.7
3035	8.9	102415.7	-1907.3	3125	5.0	104624.2	-1921.1	3215	7.6	110904.5	-1953.9	3305	9.8	112818.1	-1958.3
3036	9.1	102441.0	-1954.0	3126	8.7	104629.8	-1927.8	3216	10.	110908.0	-1921.9	3306	9.3	112837.2	-1908.7
3037	9.3	102450.9	-1903.4	3127	10.	104635.7	-1911.1	3217	9.4	110919.4	-1940.0	3307	9.4	112858.3	-1951.2
3038	8.8	102501.9	-1936.2	3128	9.2	104640.8	-1928.7	3218	8.9	110921.4	-1956.7	3308	9.1	112923.7	-1943.3
3039	9.7	102514.0	-1950.5	3129	9.8	104658.9	-1947.8	3219	9.7	110932.5	-1954.9	3309	9.1	112930.1	-1959.4
3040	9.4	102522.3	-1957.4	3130	10.	104707.2	-1922.8	3220	9.8	110933.9	-1906.3	3310	9.1	113002.5	-1931.6
3041	9.8	102552.5	-1946.4	3131	8.0	104724.2	-1927.6	3221	8.2	111017.7	-1958.5	3311	10.	113037.4	-1924.4
3042	8.9	102554.4	-1918.2	3132	9.4	104729.8	-1941.9	3222	9.7	111020.0	-1918.8	3312	8.8	113051.3	-1954.6
3043	9.8	102631.2	-1913.9	3133	10.	104745.3	-1941.9	3223	9.5	111046.7	-1957.7	3313	10.	113113.2	-1914.8
3044	8.5	102632.0	-1926.2	3134	6.5	104806.9	-1953.5	3224	9.1	111049.6	-1951.4	3314	9.6	113115.0	-1920.8
3045	9.1	102632.6	-1938.8	3135	9.5	104812.2	-1935.4	3225	9.8	111053.7	-1915.0	3315	9.1	113123.1	-1942.1
3046	9.5	102639.8	-1910.2	3136	10.	104846.7	-1912.0	3226	9.1	111101.6	-1954.2	3316	9.9	113207.5	-1950.0
3047	9.5	102639.9	-1906.9	3137	8.8	104914.7	-1909.9	3227	10.	111135.0	-1944.4	3317	9.8	113209.4	-1933.5
3048	9.2	102715.9	-1956.2	3138	9.1	104917.6	-1929.5	3228	10.	111143.4	-1926.7	3318	9.3	113235.6	-1956.7
3049	9.8	102726.6	-1901.1	3139	9.1	104918.5	-1949.4	3229	8.8	111154.8	-1955.0	3319	9.4	113246.6	-1955.6
3050	9.0	102731.2	-1903.7	3140	9.0	104939.8	-1953.4	3230	8.0	111157.3	-1926.0	3320	9.5	113300.5	-1942.9
3051	9.5	102740.6	-1902.1	3141	9.8	104953.4	-1915.2	3231	9.0	111203.0	-1902.3	3321	10.	113304.5	-1948.0
3052	10.	102811.0	-1956.3	3142	9.3	104953.6	-1923.5	3232	9.5	111210.0	-1941.4	3322	9.5	113324.8	-1950.7
3053	9.7	102823.1	-1913.4	3143	9.5	105001.6	-1923.0	3233	9.4	111233.9	-1902.9	3323	10.	113410.7	-1900.5
3054	9.0	102826.2	-1938.6	3144	9.4	105007.1	-1922.8	3234	9.4	111237.0	-1902.5	3324	9.1	113421.7	-1914.1
3055	9.3	102851.9	-1932.8	3145	9.7	105024.2	-1914.7	3235	10.	111242.6	-1915.8	3325	9.4	113424.4	-1915.9
3056	9.1	102853.2	-1914.2	3146	10.	105051.5	-1923.7	3236	9.1	111304.1	-1959.0	3326	6.3	113444.8	-1929.0
3057	9.4	102904.8	-1943.3	3147	9.0	105101.8	-1912.9	3237	8.7	111311.5	-1952.9	3327	10.	113520.3	-1935.1
3058	9.5	102905.1	-1959.8	3148	9.8	105115.4	-1955.7	3238	9.2	111323.0	-1913.5	3328	8.3	113600.4	-1959.7
3059	10.	102937.5	-1901.5	3149	9.1	105143.2	-1946.3	3239	9.8	111324.2	-1930.1	3329	7.2	113603.5	-1901.0
3060	9.3	102938.8	-1945.7	3150	8.8	105147.1	-1916.6	3240	10.	111333.4	-1938.1	3330	9.4	113618.3	-1937.1
3061	9.7	102941.3	-1950.9	3151	10.	105148.1	-1937.5	3241	9.5	111358.3	-1929.9	3331	9.7	113628.0	-1909.5
3062	8.0	102948.4	-1908.0	3152	10.	105228.7	-1951.6	3242	8.7	111412.9	-1939.3	3332	10.	113652.9	-1955.6
3063	9.8	103019.5	-1906.0	3153	9.8	105239.2	-1946.0	3243	9.4	111421.3	-1932.5	3333	7.2	113705.4	-1953.1
3064	8.7	103040.7	-1952.5	3154	8.3	105301.7	-1916.3	3244	9.4	111422.0	-1920.7	3334	10.	113706.3	-1913.5
3065	9.4	103054.5	-1921.1	3155	9.4	105319.1	-1913.1	3245	8.7	111433.9	-1942.6	3335	8.8	113716.6	-1936.7
3066	9.2	103059.1	-1926.2	3156	9.1	105330.5	-1902.8	3246	9.6	111501.3	-1921.0	3336	9.4	113743.3	-1905.6
3067	9.8	103100.5	-1910.4	3157	8.5	105338.0	-1932.4	3247	9.4	111503.6	-1923.7	3337	9.5	113829.8	-1921.3
3068	9.7	103125.2	-1906.4	3158	9.9	105339.7	-1956.8	3248	9.6	111508.7	-1956.6	3338	9.5	113833.6	-1925.5
3069	10.	103143.4	-1906.2	3159	9.4	105410.6	-1922.1	3249	8.0	111531.3	-1904.3	3339	10.	113840.3	-1939.4
3070	8.0	103146.2	-1949.4	3160	9.5	105413.0	-1911.0	3250	7.3	111544.8	-1949.6	3340	9.8	113856.9	-1955.7
3071	9.2	103219.7	-1949.5	3161	8.9	105419.2	-1901.7	3251	8.7	111603.2	-1911.5	3341	9.8	113917.7	-1959.8
3072	9.8	103236.5	-1928.1	3162	9.1	105433.5	-1908.4	3252	9.8	111608.3	-1903.6	3342	9.6	113943.7	-1917.0
3073	9.9	103306.8	-1903.0	3163	8.0	105438.0	-1916.4	3253	9.2	111632.9	-1919.2	3343	9.5	113954.5	-1912.4
3074	9.8	103323.2	-1953.2	3164	9.1	105444.9	-1959.7	3254	8.3	111639.3	-1907.0	3344	9.8	114006.7	-1949.9

-19 3345 11h40m

3345	9.1	114008.4	-1920.4	3435	9.6	120542.7	-1949.9	3525	9.2	122858.3	-1943.3
3346	9.8	114017.6	-1916.2	3436	9.8	120603.6	-1928.9	3526	10.	122917.8	-1909.6
3347	9.3	114041.0	-1947.1	3437	7.5	120617.9	-1931.1	3527	9.2	122922.0	-1907.6
3348	9.5	114059.7	-1915.0	3438	9.3	120619.2	-1915.6	3528	8.5	122936.8	-1916.7
3349	9.0	114116.9	-1922.7	3439	9.6	120620.0	-1933.6	3529	9.2	123010.4	-1920.6
3350	9.1	114137.1	-1905.9	3440	10.	120646.1	-1947.9	3530	9.0	123050.8	-1915.4
3351	9.8	114146.9	-1915.2	3441	8.7	120700.2	-1918.1	3531	9.8	123108.3	-1938.7
3352	8.6	114153.0	-1932.2	3442	9.7	120727.6	-1937.2	3532	9.0	123115.9	-1943.7
3353	9.5	114241.5	-1938.2	3443	9.5	120751.2	-1918.6	3533	9.4	123119.8	-1928.5
3354	9.0	114256.1	-1901.6	3444	10.	120757.3	-1959.4	3534	9.4	123126.9	-1935.9
3355	10.	114302.9	-1932.6	3445	7.2	120807.9	-1943.3	3535	10.	123208.4	-1911.4
3356	10.	114316.5	-1936.8	3446	9.1	120821.4	-1918.2	3536	9.8	123229.8	-1950.4
3357	10.	114407.3	-1925.0	3447	9.8	120825.4	-1903.7	3537	9.7	123238.4	-1912.7
3358	9.9	114408.9	-1936.5	3448	10.	120847.9	-1957.9	3538	9.9	123315.2	-1935.4
3359	10.	114411.5	-1920.3	3449	10.	120853.5	-1942.2	3539	9.2	123327.7	-1918.9
3360	8.3	114457.8	-1910.3	3450	9.6	120908.1	-1919.0	3540	7.5	123354.5	-1949.1
3361	9.5	114603.4	-1949.5	3451	9.9	120944.3	-1910.7	3541	9.5	123358.8	-1940.0
3362	8.6	114615.7	-1932.8	3452	10.	121012.2	-1949.8	3542	9.8	123412.8	-1936.3
3363	10.	114627.0	-1953.1	3453	9.8	121012.5	-1941.1	3543	9.2	123418.0	-1909.9
3364	8.6	114628.8	-1941.8	3454	9.8	121036.4	-1923.2	3544	9.8	123430.4	-1913.6
3365	9.8	114655.6	-1945.3	3455	9.8	121047.3	-1912.2	3545	9.8	123434.3	-1905.8
3366	9.8	114658.9	-1919.8	3456	9.7	121057.9	-1921.4	3546	9.7	123441.0	-1958.5
3367	9.4	114702.9	-1957.5	3457	10.	121142.9	-1944.8	3547	9.6	123445.6	-1958.5
3368	10.	114726.3	-1908.1	3458	8.9	121214.8	-1932.9	3548	9.8	123459.7	-1944.6
3369	9.2	114731.8	-1941.7	3459	9.0	121216.8	-1907.7	3549	9.5	123544.1	-1939.6
3370	9.6	114752.5	-1959.0	3460	9.5	121237.4	-1926.4	3550	9.8	123611.5	-1958.4
3371	9.8	114800.1	-1946.0	3461	9.6	121240.3	-1927.8	3551	9.6	123645.6	-1953.4
3372	9.0	114829.3	-1902.9	3462	9.5	121253.2	-1903.6	3552	9.0	123654.2	-1910.4
3373	9.4	114836.8	-1950.0	3463	9.1	121309.8	-1948.9	3553	10.	123656.0	-1918.9
3374	9.0	114839.1	-1910.6	3464	8.5	121311.6	-1925.4	3554	10.	123656.2	-1931.0
3375	9.2	114940.3	-1917.4	3465	9.1	121317.2	-1902.0	3555	9.9	123702.7	-1946.0
3376	9.6	115019.0	-1955.4	3466	8.5	121319.7	-1905.1	3556	9.4	123706.6	-1901.3
3377	10.	115025.1	-1929.1	3467	9.5	121327.9	-1921.0	3557	9.5	123712.3	-1910.8
3378	10.	115041.7	-1918.0	3468	10.	121341.5	-1946.8	3558	8.8	123716.6	-1907.0
3379	9.7	115050.1	-1954.5	3469	9.1	121344.3	-1954.3	3559	8.6	123735.7	-1927.0
3380	9.0	115056.9	-1916.4	3470	9.0	121352.3	-1936.0	3560	7.5	123755.4	-1920.7
3381	10.	115116.5	-1932.2	3471	9.8	121424.4	-1910.2	3561	8.1	123821.1	-1916.8
3382	8.0	115144.3	-1932.2	3472	9.8	121454.4	-1916.6	3562	10.	123838.1	-1932.5
3383	9.9	115150.8	-1911.0	3473	9.0	121519.2	-1935.5	3563	9.5	123842.9	-1922.9
3384	9.9	115224.7	-1945.8	3474	9.3	121542.5	-1914.5	3564	9.4	123905.5	-1949.5
3385	9.3	115247.9	-1955.9	3475	9.4	121550.1	-1903.9	3565	9.8	123906.6	-1944.6
3386	9.8	115256.0	-1941.7	3476	9.1	121555.7	-1927.5	3566	10.	123916.1	-1914.5
3387	10.	115313.9	-1936.4	3477	9.2	121559.2	-1955.0	3567	8.7	123917.9	-1908.6
3388	9.5	115325.0	-1937.9	3478	9.0	121605.1	-1906.2	3568	9.8	124003.5	-1946.1
3389	9.5	115327.8	-1914.7	3479	7.7	121607.4	-1916.9	3569	9.8	124025.0	-1928.7
3390	8.3	115330.5	-1949.6	3480	9.6	121614.1	-1911.7	3570	9.5	124047.0	-1920.4
3391	9.2	115332.1	-1912.2	3481	9.7	121641.8	-1908.9	3571	9.4	124052.5	-1938.8
3392	7.5	115358.3	-1951.3	3482	9.4	121650.1	-1908.4	3572	9.2	124053.5	-1930.1
3393	9.6	115359.6	-1918.0	3483	8.2	121710.7	-1916.0	3573	9.0	124102.6	-1927.7
3394	9.9	115434.6	-1929.8	3484	8.6	121714.8	-1959.7	3574	9.3	124115.6	-1925.4
3395	7.6	115437.8	-1959.9	3485	9.5	121716.1	-1928.8	3575	8.8	124117.6	-1910.9
3396	9.8	115459.7	-1931.6	3486	8.8	121722.5	-1904.3	3576	9.5	124127.5	-1926.8
3397	9.4	115529.2	-1924.9	3487	9.9	121751.6	-1939.0	3577	8.5	124131.9	-1949.1
3398	9.6	115540.1	-1938.2	3488	10.	121804.5	-1940.5	3578	9.0	124132.7	-1930.4
3399	9.9	115623.0	-1958.6	3489	9.4	121812.0	-1933.8	3579	8.9	124151.4	-1906.3
3400	9.0	115636.6	-1945.0	3490	9.7	121840.4	-1959.0	3580	9.6	124212.0	-1926.8
3401	9.4	115706.4	-1900.8	3491	9.7	121927.1	-1916.5	3581	9.7	124218.2	-1914.9
3402	9.0	115706.6	-1949.0	3492	9.0	121936.0	-1910.6	3582	8.3	124231.9	-1934.6
3403	9.7	115749.1	-1941.6	3493	8.6	121957.3	-1909.7	3583	10.	124233.0	-1927.5
3404	9.4	115800.6	-1912.2	3494	8.5	121944.5	-1937.5	3584	10.	124244.0	-1902.8
3405	9.1	115836.7	-1958.4	3495	10.	122025.0	-1945.5	3585	9.8	124308.2	-1917.5
3406	9.0	115840.5	-1928.8	3496	9.3	122042.9	-1918.2	3586	9.1	124321.9	-1916.7
3407	8.3	115848.4	-1914.0	3497	9.3	122053.4	-1954.4	3587	10.	124325.4	-1903.6
3408	8.6	115909.7	-1955.9	3498	9.8	122129.0	-1928.6	3588	9.0	124333.9	-1934.1
3409	9.4	115930.0	-1940.3	3499	9.8	122228.2	-1959.5	3589	9.2	124425.5	-1931.9
3410	9.5	115943.4	-1946.1	3500	9.1	122231.8	-1909.8	3590	10.	124442.8	-1944.9
3411	9.5	120011.9	-1928.5	3501	9.9	122234.4	-1949.9	3591	9.5	124454.8	-1937.2
3412	9.4	120023.0	-1926.0	3502	9.5	122258.9	-1934.7	3592	8.9	124529.3	-1925.4
3413	10.	120113.3	-1914.1	3503	9.0	122308.4	-1942.5	3593	8.5	124549.4	-1905.1
3414	9.7	120115.1	-1916.1	3504	9.1	122319.2	-1956.0	3594	9.2	124625.3	-1926.5
3415	9.0	120132.2	-1907.6	3505	9.9	122326.1	-1915.9	3595	10.	124626.7	-1905.1
3416	9.5	120155.3	-1948.3	3506	8.5	122329.9	-1931.0	3596	9.4	124647.8	-1915.7
3417	8.8	120219.2	-1904.4	3507	9.7	122332.5	-1913.3	3597	6.7	124649.4	-1918.4
3418	9.2	120222.9	-1914.2	3508	9.5	122357.3	-1904.6	3598	9.8	124739.1	-1954.7
3419	9.0	120223.2	-1900.8	3509	9.2	122450.0	-1941.3	3599	9.6	124806.6	-1949.0
3420	9.5	120228.3	-1947.6	3510	9.4	122516.2	-1905.2	3600	9.4	124821.3	-1914.2
3421	8.5	120243.8	-1922.4	3511	8.5	122518.2	-1903.0	3601	7.7	124823.9	-1925.9
3422	9.2	120247.8	-1928.9	3512	8.6	122601.7	-1942.1	3602	9.4	124838.2	-1900.1
3423	9.2	120345.2	-1913.1	3513	9.8	122629.6	-1946.3	3603	9.0	124856.4	-1937.3
3424	7.2	120422.1	-1907.4	3514	9.4	122639.7	-1924.2	3604	9.7	124919.1	-1959.0
3425	9.1	120450.6	-1910.9	3515	9.5	122643.7	-1909.4	3605	10.	125027.5	-1923.2
3426	7.7	120451.4	-1903.9	3516	9.3	122657.7	-1925.8	3606	9.5	125029.9	-1918.4
3427	9.6	120500.0	-1959.2	3517	9.3	122733.1	-1903.5	3607	8.0	125034.5	-1935.5
3428	8.9	120507.9	-1918.5	3518	9.7	122755.3	-1956.7	3608	10.	125046.0	-1953.6
3429	8.7	120510.6	-1900.6	3519	9.6	122802.6	-1958.4	3609	9.7	125050.2	-1911.0
3430	9.8	120518.2	-1931.3	3520	8.3	122816.6	-1939.7	3610	9.8	125053.0	-1927.7
3431	9.1	120518.5	-1914.7	3521	6.7	122823.1	-1943.7	3611	9.2	125053.5	-1945.4
3432	9.5	120528.2	-1932.6	3522	9.5	122841.2	-1913.8	3612	7.5	125205.9	-1930.4
3433	9.5	120539.2	-1934.7	3523	9.8	122842.9	-1918.7	3613	9.0	125225.1	-1914.0
3434	8.7	120540.0	-1955.8	3524	9.3	122856.9	-1915.6	3614	9.5	125243.9	-1935.9

-19 3704 13h27m

3615	9.2	125301.9	-1934.7	3625	9.3	125517.6	-1924.0	3695	9.4	132501.1	-1903.3
3616	9.7	125304.2	-1940.5	3626	9.8	125535.3	-1942.1	3696	7.5	132519.8	-1914.5
3617	7.2	125330.3	-1959.5	3627	9.5	125536.6	-1932.4	3697	9.0	132536.3	-1951.8
3618	9.4	125406.8	-1954.5	3628	9.1	125556.5	-1938.9	3698	9.6	132537.0	-1916.9
3619	9.0	125419.8	-1952.1	3629	6.1	125600.9	-1947.8	3699	10.	132552.9	-1922.8
3620	9.3	125420.3	-1919.4	3630	9.8	125605.3	-1927.0	3700	8.8	132630.6	-1942.7
3621	9.8	125439.7	-1915.7	3631	9.7	125630.4	-1935.8	3701	9.7	132651.2	-1926.4
3622	9.9	125446.4	-1921.2	3632	9.8	125747.2	-1913.7	3702	9.2	132716.6	-1941.4
3623	9.5	125500.4	-1907.4	3633	9.1	125822.3	-1927.0	3703	9.5	132744.6	-1938.0
3624	8.5	125515.8	-1942.5	3634	8.5	125841.2	-1916.5	3704	9.6	132745.4	-1905.1
3625	9.3	125517.6	-1924.0	3635	8.5	125919.7	-1921.9				
3626	9.8	125535.3	-1942.1	3636	9.7	125921.8	-1932.1				
3627	9.5	125536.6	-1932.4	3637	9.5	125943.5	-1929.0				
3628	9.1	125556.5	-1938.9	3638	9.1	130011.6	-1904.2				
3629	6.1	125600.9	-1947.8	3639	8.8	130137.1	-1949.1				
3630	9.8	125605.3	-1927.0	3640	9.5	130141.0	-1942.7				
3631	9.7	125630.4	-1935.8	3641	7.5	130145.1	-1921.1				
3632	9.8	125747.2	-1913.7	3642	9.4	130207.3	-1928.9				
3633	9.1	125822.3	-1927.0	3643	9.3	130208.4	-1934.0				
3634	8.5	125841.2	-1916.5	3644	10.	130316.2	-1904.9				
3635	8.5	125919.7	-1921.9	3645	10.	130318.1	-1911.0				
3636	9.7	125921.8	-1932.1	3646	8.7	130357.6	-1954.3				
3637	9.5	125943.5	-1929.0	3647	9.5	130412.3	-1947.2				
3638	9.1	130011.6	-1904.2	3648	8.7	130536.0	-1930.0				
3639	8.8	130137.1	-1949.1	3649	9.2	130558.9	-1927.6				
3640	9.5	130141.0	-1942.7	3650	9.5	130600.2	-1912.1				
3641	7.5	130145.1	-1921.1	3651	6.2	130625.2	-1909.8				
3642	9.4	130207.3	-1928.9	3652	9.2	130731.5	-1917.1				
3643	9.3	130208.4	-1934.0	3653	6.1	130808.9	-1910.1				
3644	10.	130316.2	-1904.9	3654	8.8	130821.3	-1949.7				
3645	10.	130318.1	-1911.0	3655	9.5	130831.8	-1959.3				
3646	8.7	130357.6	-1954.3	3656	9.4	130856.9	-1902.2				
3647	9.5	130412.3	-1947.2	3657	9.4	130857.5	-1919.0				
3648	8.7	130536.0	-1930.0	3658	9.1	130950.3	-1944.6				
3649	9.2	130558.9	-1927.6	3659	10.	131015.9	-1911.7				
3650	9.5	130600.2	-1912.1	3660	9.2	131020.4	-1951.8				
3651	6.2	130625.2	-1909.8	3661	9.8	131021.2	-1920.4				
3652	9.2	130731.5	-1917.1	3662	9.4	131041.2	-1945.9				
3653	6.1	130808.9	-1910.1	3663	9.1	131106.1	-1904.1				
3654	8.8	130821.3	-1949.7	3664	8.2	131117.0	-1914.4				
3655	9.5	130831.8	-1959.3	3665	9.4	131158.9	-1951.6				
3656	9.4	130856.9	-1902.2	3666	9.4	131203.7	-1955.1				
3657	9.4	130857.5	-1919.0	3667	9.2	131204.9	-1948.1				
3658	9.1	130950.3	-1944.6	3668	9.4	131210.2	-1954.8				
3659	10.	131015.9	-1911.7	3669	9.8	131238.1	-1915.4				
3660	9.2	131020.4	-1951.8	3670	9.0	131245.2	-1936.4				
3661	9.8	131021.2	-1920.4	3671	9.4	131407.3	-1954.2				
3662	9.4	131041.2	-1945.9	3672	9.7	131420.1	-1924.9				
3663	9.1	131106.1	-1904.1	3673	9.7	131435.1	-1956.8				
3664	8.2	131117.0	-1914.4	3674	9.0	131448.1	-1922.7				
3665	9.4	131158.9	-1951.6	3675	10.	131452.0	-1946.6				
3666	9.4	131203.7	-1955.1	3676	9.7	131526.5	-1946.9				
3667	9.2	131204.9	-1948.1	3677	9.8	131536.0	-1916.2				
3668	9.4	131210.2	-1954.8	3678	9.3	131602.9	-1953.1				
3669	9.4	131238.1	-1915.4	3679	9.4	131608.4	-1959.2				
3670	9.0	131245.2	-1936.4	3680	8.5	131733.1	-1939.0				
3671	9.4	131407.3	-1954.2	3681	8.9	131742.6	-1925.1				
3672	9.7	131420.1	-1924.9	3682	8.2	131806.1	-1903.4				
3673	9.7	131435.1	-1956.8	3683	9.5	131827.8	-1949.6				
3674	9.0	131448.1	-1922.7	3684	9.8	131835.2	-1959.5				
3675	10.	131452.0	-1946.6	3685	9.6	131910.3	-1909.6				
3676	9.7	131526.5	-1946.9	3686	9.1	131910.4	-1936.2				
3677	9.8	131536.0	-1916.2	3687	9.4	131910.4	-1957.2				
3678	9.3	131602.9	-1953.1	3688	9.0	131919.5	-1935.0				
3679	9.4	131608.4	-1959.2	3689	9.8	131953.0	-1928.8				
3680	8.5	131733.1	-1939.0	3690	9.8	132021.2	-1904.1				
3681	8.9	131742.6	-1925.1	3691	8.0	132209.9	-1933.7				
3682	8.2	131806.1	-1903.4	3692	10.	132303.8	-1935.5				
3683	9.5	131827.8	-1949.6	3693	10.	132346.7	-1924.6				
3684	9.8	131835.2	-1959.5	3694	9.8	132451.7	-1943.2				

3705	9.1	132801.6	-1925.8	3795	10.	135356.8	-1951.5	3885	9.7	141852.2	-1920.4	3975	9.5	144409.0	-1946.6
3706	9.6	132846.6	-1940.3	3796	9.8	135414.8	-1911.5	3886	9.1	141906.4	-1903.4	3976	9.7	144425.8	-1916.7
3707	9.7	132852.3	-1926.1	3797	9.6	135428.5	-1929.6	3887	9.5	141952.5	-1931.0	3977	9.8	144443.7	-1927.3
3708	9.4	132936.3	-1904.2	3798	9.6	135429.4	-1900.8	3888	8.0	142011.1	-1954.9	3978	7.5	144526.9	-1922.4
3709	8.7	132956.1	-1925.3	3799	7.3	135432.4	-1906.4	3889	9.7	142016.1	-1929.5	3979	7.3	144652.2	-1925.2
3710	9.6	133018.0	-1900.2	3800	10.	135457.0	-1956.6	3890	10.	142016.9	-1944.5	3980	9.7	144657.3	-1900.3
3711	9.0	133025.5	-1941.1	3801	9.8	135508.7	-1954.7	3891	9.5	142107.8	-1942.0	3981	9.0	144724.6	-1933.2
3712	9.8	133050.9	-1916.8	3802	9.9	135511.9	-1942.6	3892	9.8	142121.8	-1907.6	3982	8.0	144756.9	-1948.1
3713	9.1	133104.3	-1907.1	3803	9.8	135531.3	-1914.5	3893	9.2	142127.3	-1905.0	3983	9.3	144811.4	-1909.9
3714	9.5	133110.2	-1920.6	3804	8.8	135540.5	-1914.3	3894	9.8	142209.8	-1937.1	3984	8.7	144822.9	-1957.4
3715	10.	133225.6	-1926.3	3805	9.4	135618.8	-1919.3	3895	8.7	142210.2	-1941.8	3985	9.3	144826.8	-1919.4
3716	9.6	133322.7	-1903.2	3806	9.7	135622.5	-1929.2	3896	9.5	142220.2	-1950.8	3986	9.1	144832.2	-1903.5
3717	9.5	133329.4	-1937.6	3807	9.6	135625.0	-1958.1	3897	9.5	142225.1	-1956.4	3987	8.6	144834.8	-1953.6
3718	9.8	133344.2	-1914.3	3808	9.7	135627.7	-1905.6	3898	9.3	142233.9	-1931.8	3988	9.0	144919.0	-1932.6
3719	9.5	133413.8	-1945.0	3809	9.0	135708.8	-1950.5	3899	8.0	142305.0	-1919.8	3989	9.4	144957.1	-1919.0
3720	9.6	133417.2	-1929.8	3810	9.5	135717.3	-1946.1	3900	9.5	142319.4	-1933.1	3990	9.1	145017.4	-1953.8
3721	9.2	133417.2	-1904.1	3811	9.3	135748.5	-1925.8	3901	9.4	142405.4	-1955.5	3991	8.5	145022.6	-1908.2
3722	9.6	133453.8	-1937.5	3812	9.3	135811.1	-1917.4	3902	9.5	142516.1	-1948.1	3992	9.5	145035.1	-1959.7
3723	8.7	133507.1	-1910.5	3813	8.3	135829.0	-1922.4	3903	6.7	142641.0	-1947.8	3993	9.3	145048.2	-1900.4
3724	9.7	133542.5	-1920.1	3814	9.6	135836.4	-1959.7	3904	9.5	142702.0	-1945.1	3994	9.0	145055.8	-1921.1
3725	10.	133607.8	-1901.4	3815	9.8	135836.8	-1946.3	3905	9.3	142723.9	-1959.2	3995	10.	145057.3	-1920.5
3726	9.5	133611.4	-1928.5	3816	9.3	135838.6	-1958.6	3906	9.5	142727.7	-1924.1	3996	9.4	145104.8	-1918.9
3727	9.5	133627.9	-1922.7	3817	9.0	135842.8	-1948.1	3907	9.1	142743.0	-1908.2	3997	9.4	145126.6	-1903.3
3728	9.5	133639.2	-1937.4	3818	9.0	135843.5	-1928.9	3908	9.3	142810.0	-1924.3	3998	9.1	145131.1	-1920.1
3729	9.3	133706.7	-1911.1	3819	8.6	140000.1	-1901.7	3909	8.7	142840.7	-1928.7	3999	9.2	145139.8	-1949.1
3730	9.1	133711.1	-1900.0	3820	10.	140000.4	-1928.0	3910	9.6	142846.0	-1939.2	4000	8.7	145147.1	-1934.1
3731	9.7	133711.9	-1947.9	3821	9.3	140016.2	-1955.1	3911	9.4	142851.5	-1904.4	4001	9.5	145255.0	-1902.4
3732	9.4	133727.9	-1940.0	3822	9.7	140034.8	-1920.5	3912	9.9	142916.4	-1954.9	4002	9.6	145330.7	-1949.4
3733	9.5	133753.0	-1925.0	3823	10.	140041.7	-1940.6	3913	9.5	142926.9	-1902.0	4003	8.7	145346.1	-1953.0
3734	9.5	133803.8	-1956.8	3824	9.2	140058.6	-1951.1	3914	9.4	142928.1	-1922.5	4004	8.9	145353.7	-1942.3
3735	9.8	133805.1	-1950.4	3825	9.5	140101.8	-1938.6	3915	9.5	142934.6	-1927.6	4005	9.4	145402.2	-1939.8
3736	9.6	133822.0	-1901.4	3826	10.	140110.6	-1901.9	3916	8.7	142939.5	-1947.5	4006	9.5	145413.6	-1947.3
3737	9.3	133837.1	-1956.4	3827	9.1	140112.4	-1913.0	3917	9.5	143003.5	-1930.3	4007	9.6	145415.7	-1942.7
3738	9.0	133902.0	-1956.2	3828	9.9	140156.6	-1910.3	3918	9.2	143014.9	-1901.8	4008	9.8	145428.5	-1915.5
3739	8.5	133903.2	-1912.2	3829	9.8	140218.8	-1922.0	3919	9.8	143033.1	-1934.2	4009	9.5	145505.2	-1947.8
3740	8.2	133920.1	-1933.4	3830	9.4	140328.3	-1912.0	3920	8.2	143037.3	-1918.2	4010	10.	145602.0	-1904.8
3741	9.9	133925.8	-1906.8	3831	9.4	140343.0	-1952.8	3921	9.5	143044.0	-1933.5	4011	9.8	145614.5	-1903.9
3742	10.	133928.9	-1955.3	3832	9.7	140416.0	-1946.0	3922	9.3	143100.6	-1929.2	4012	9.6	145626.8	-1928.3
3743	9.0	133938.1	-1937.9	3833	9.7	140436.2	-1948.0	3923	8.3	143108.4	-1943.3	4013	9.6	145635.1	-1945.3
3744	8.5	133945.2	-1935.5	3834	9.3	140545.2	-1911.0	3924	10.	143113.4	-1953.7	4014	9.7	145639.6	-1905.1
3745	9.5	134004.2	-1947.2	3835	9.6	140551.1	-1912.5	3925	9.9	143117.6	-1911.2	4015	10.	145641.6	-1908.6
3746	9.6	134007.9	-1909.7	3836	8.0	140558.1	-1931.6	3926	8.9	143117.8	-1914.0	4016	8.8	145703.9	-1902.4
3747	9.0	134020.5	-1947.1	3837	9.3	140632.6	-1948.3	3927	9.2	143122.4	-1933.1	4017	9.5	145708.9	-1915.0
3748	9.5	134132.8	-1908.9	3838	9.3	140658.4	-1917.0	3928	10.	143123.5	-1949.7	4018	9.2	145721.2	-1933.0
3749	9.1	134132.8	-1946.0	3839	9.5	140709.0	-1925.6	3929	9.0	143148.6	-1901.1	4019	8.2	145732.6	-1951.1
3750	9.7	134137.1	-1930.9	3840	9.1	140735.4	-1916.2	3930	9.4	143150.1	-1923.3	4020	9.5	145747.5	-1946.9
3751	9.5	134141.9	-1900.5	3841	9.5	140836.0	-1930.1	3931	9.4	143152.1	-1922.2	4021	9.8	145756.1	-1928.6
3752	8.9	134142.2	-1918.1	3842	9.8	140900.8	-1906.9	3932	9.5	143155.4	-1933.1	4022	9.8	145814.6	-1946.1
3753	9.5	134216.3	-1905.6	3843	9.4	140911.6	-1917.4	3933	10.	143227.9	-1938.0	4023	9.4	145824.3	-1924.8
3754	6.8	134238.8	-1910.3	3844	9.0	140947.7	-1947.1	3934	9.1	143229.3	-1906.2	4024	8.6	145830.9	-1938.5
3755	9.0	134244.3	-1950.7	3845	9.4	140953.9	-1937.3	3935	10.	143234.8	-1919.1	4025	10.	145853.3	-1945.4
3756	10.	134336.0	-1932.8	3846	7.5	140955.4	-1917.0	3936	9.5	143236.3	-1950.1	4026	9.1	145854.0	-1915.4
3757	9.0	134402.5	-1911.5	3847	10.	140958.9	-1905.0	3937	9.5	143242.1	-1956.1	4027	8.5	145901.1	-1939.6
3758	9.8	134435.2	-1905.5	3848	9.8	140947.1	-1958.0	3938	10.	143246.6	-1922.6	4028	9.8	145929.6	-1933.8
3759	10.	134437.9	-1944.9	3849	8.8	141004.4	-1930.0	3939	7.3	143316.0	-1917.8	4029	9.4	145929.7	-1929.7
3760	9.2	134454.0	-1909.9	3850	10.	141009.0	-1913.5	3940	10.	143322.4	-1937.5	4030	9.1	150003.2	-1917.4
3761	9.7	134503.8	-1923.5	3851	9.5	141019.4	-1956.1	3941	9.4	143324.3	-1949.1	4031	9.5	150005.2	-1923.7
3762	9.5	134524.4	-1928.3	3852	9.6	141020.3	-1948.6	3942	8.9	143332.9	-1934.8	4032	9.5	150038.6	-1938.9
3763	9.4	134528.3	-1917.4	3853	9.5	141042.7	-1947.0	3943	9.4	143437.4	-1936.1	4033	9.0	150043.9	-1950.5
3764	9.4	134553.8	-1956.8	3854	9.6	141048.7	-1920.9	3944	9.0	143450.3	-1916.9	4034	9.5	150056.8	-1912.9
3765	9.8	134620.2	-1906.8	3855	9.7	141059.8	-1938.1	3945	9.9	143453.3	-1909.3	4035	10.	150118.3	-1953.6
3766	9.6	134630.0	-1916.8	3856	9.8	141144.2	-1943.4	3946	9.5	143522.6	-1939.0	4036	7.3	150131.8	-1957.8
3767	9.5	134631.7	-1926.6	3857	9.3	141206.2	-1946.3	3947	9.4	143524.2	-1910.4	4037	9.9	150137.9	-1952.5
3768	9.8	134718.4	-1927.2	3858	9.7	141232.6	-1910.5	3948	9.8	143546.9	-1917.0	4038	9.4	150149.7	-1919.4
3769	8.9	134719.1	-1937.5	3859	8.5	141326.1	-1901.4	3949	9.3	143548.3	-1950.2	4039	9.5	150200.4	-1934.3
3770	9.5	134719.7	-1920.2	3860	9.9	141327.2	-1912.9	3950	8.5	143630.7	-1952.1	4040	9.2	150205.5	-1938.1
3771	8.5	134726.4	-1924.4	3861	9.3	141331.1	-1906.5	3951	9.8	143647.8	-1957.6	4041	30.0	150228.3	-1927.8
3772	9.0	134753.8	-1932.2	3862	9.8	141337.6	-1907.4	3952	10.	143706.3	-1905.3	4042	10.	150236.0	-1928.9
3773	9.5	134800.6	-1951.1	3863	9.1	141406.5	-1949.7	3953	9.2	143714.8	-1941.9	4043	10.	150256.7	-1937.6
3774	9.1	134826.6	-1908.1	3864	9.2	141422.1	-1949.0	3954	9.5	143755.9	-1912.2	4044	9.5	150254.8	-1918.7
3775	10.	134836.3	-1941.1	3865	9.8	141454.6	-1959.9	3955	10.	143757.2	-1951.2	4045	9.8	150300.5	-1917.9
3776	9.9	134836.9	-1946.3	3866	8.7	141455.2	-1932.7	3956	9.3	143822.3	-1901.4	4046	9.4	150351.8	-1946.2
3777	9.6	134849.1	-1906.3	3867	9.5	141521.2	-1925.1	3957	9.2	143831.6	-1903.7	4047	4.5	150357.9	-1914.4
3778	9.1	134904.8	-1924.0	3868	10.	141548.6	-1941.9	3958	9.2	143842.2	-1912.4	4048	9.0	150402.2	-1915.2
3779	9.4	134905.5	-1955.5	3869	8.5	141553.1	-1929.6	3959	9.7	143854.8	-1921.7	4049	9.3	150403.2	-1959.5
3780	9.8	134920.4	-1959.6	3870	7.7	141555.5	-1908.0	3960	9.6	143927.8	-1935.2	4050	9.5	150418.1	-1929.4
3781	9.7	134936.2	-1938.5	3871	9.8	141558.8	-1942.8	3961	9.4	144006.0	-1954.0	4051	9.2	150423.8	-1916.2
3782	8.5	134958.3	-1955.8	3872	9.1	141601.5	-1905.3	3962	9.4	144037.1	-1944.6	4052	9.0	150439.5	-1934.5
3783	10.	135016.6	-1951.5	3873	9.5	141616.4	-1957.0	3963	9.4	144038.3	-1925.9	4053	9.5	150443.3	-1954.0
3784	9.7	135027.0	-1959.8	3874	8.5	141622.5	-1901.0	3964	9.2	144044.3	-1906.9	4054	8.5	150500.1	-1942.4
3785	9.0	135100.7	-1920.2	3875	9.9	141647.3	-1916.9	3965	9.6	144103.5	-1908.8	4055	6.5	150503.3	-1905.9
3786	9.4	135101.4	-1942.1	3876	9.0	141653.4	-1953.8	3966	7.3	144116.1	-1917.7	4056	10.	150527.3	-1904.9
3787	9.6	135110.4	-1957.5	3877	9.8	141657.6	-1931.0	3967	9.3	144125.1	-1916.2	4057	9.0	150543.9	-1940.1
3788	9.2	135129.5	-1900.1	3878	9.5	141716.9	-1948.5	3968	9.5	144136.4	-1900.8	4058	9.8	150557.2	-1950.3
3789	8.8	135210.1	-1942.6	3879	7.3	141722.6	-1918.0	3969	9.0	144139.8	-1956.0	4059	10.	150705.0	-1928.1
3790	9.3	135217.7	-1918.4	3880	7.0	141724.6	-1918.7	3970	9.5	144201.7	-1916.3	4060	8.7	150712.8	-1941.0
3791	9.8	135219.6	-1916.4	3881	9.1	141733.0	-1933.9	3971	9.3	144219.6	-1912.2	4061	8.7	150723.1	-1900.4
3792	10.	135236.4	-1955.7	3882	9.5	141805.1	-1909.1	3972	9.1	144316.2	-1930.2	4062	9.0	150750.2	-1953.5
3793	10.	135237.9	-1953.3	3883	9.4	141817.6	-1955.2	3973	9.8	144332.0	-1946.8	4063	8.5	150827.4	-1927.8
3794	9.3	135334.4	-1952.9	3884	9.1	141849.5	-1928.7	3974	9.7	144346.0	-1949.9	4064	9.4	150858.1	-1904.6

-19 4065 15h09m

-19 4424 16h38m

4065	9.8	150912.2	-1913.4	4155	10.	152752.4	-1901.1	4245	9.7	154403.8	-1917.2	4335	9.4	160401.3	-1907.5
4066	10.	150935.1	-1945.8	4156	9.4	152756.8	-1953.5	4246	9.6	154410.6	-1901.9	4336	9.8	160413.3	-1959.5
4067	9.2	150936.1	-1951.4	4157	9.3	152815.6	-1919.9	4247	9.8	154416.0	-1929.8	4337	7.5	160417.8	-1907.2
4068	9.5	150954.6	-1930.6	4158	9.4	152828.3	-1951.8	4248	9.1	154423.1	-1951.9	4338	9.6	160450.4	-1959.7
4069	9.5	151012.3	-1914.9	4159	9.8	152839.4	-1941.2	4249	5.4	154455.2	-1943.7	4339	9.5	160527.8	-1957.6
4070	9.5	151029.1	-1945.5	4160	9.7	152914.6	-1911.8	4250	9.6	154457.5	-1959.1	4340	9.5	160545.6	-1913.1
4071	9.2	151042.0	-1907.9	4161	9.4	152926.6	-1930.5	4251	10.	154514.6	-1938.7	4341	9.1	160547.7	-1917.2
4072	9.1	151043.3	-1935.9	4162	9.8	152939.5	-1915.6	4252	9.8	154520.2	-1959.2	4342	8.6	160611.9	-1952.0
4073	9.0	151045.1	-1918.5	4163	9.9	152941.2	-1932.2	4253	8.7	154526.9	-1953.0	4343	9.4	160632.6	-1914.5
4074	9.7	151049.2	-1919.3	4164	8.5	152956.3	-1952.2	4254	10.	154542.5	-1942.1	4344	9.4	160632.9	-1940.6
4075	9.0	151108.3	-1925.6	4165	7.0	153005.9	-1925.6	4255	10.	154548.4	-1956.8	4345	9.2	160633.6	-1946.0
4076	7.3	151134.6	-1901.1	4166	9.0	153009.1	-1917.8	4256	9.8	154550.2	-1928.7	4346	9.1	160659.3	-1952.0
4077	10.	151134.9	-1917.1	4167	8.3	153019.8	-1941.4	4257	10.	154550.5	-1903.4	4347	9.4	160709.3	-1942.9
4078	9.8	151159.0	-1910.6	4168	9.8	153021.4	-1938.9	4258	9.7	154601.0	-1903.0	4348	7.5	160721.4	-1942.2
4079	9.8	151207.2	-1918.9	4169	7.9	153039.2	-1914.8	4259	9.7	154606.2	-1956.1	4349	10.	160822.6	-1933.6
4080	9.7	151208.1	-1959.6	4170	9.5	153045.1	-1952.0	4260	8.9	154635.9	-1949.0	4350	6.5	160829.9	-1944.1
4081	10.	151221.0	-1907.4	4171	9.4	153049.4	-1914.3	4261	10.	154636.0	-1938.4	4351	9.5	160951.6	-1943.9
4082	9.3	151246.1	-1955.7	4172	9.8	153050.5	-1920.0	4262	9.5	154651.9	-1910.3	4352	9.5	160951.7	-1905.4
4083	9.5	151251.5	-1958.3	4173	9.8	153103.4	-1943.6	4263	9.7	154655.9	-1945.4	4353	9.0	161009.4	-1926.5
4084	30.0	151304.0	-1951.6	4174	9.1	153110.3	-1943.4	4264	9.4	154712.2	-1911.2	4354	9.5	161019.9	-1937.4
4085	9.8	151305.3	-1922.0	4175	8.9	153120.1	-1939.5	4265	10.	154732.1	-1935.5	4355	9.2	161022.0	-1919.5
4086	9.8	151337.1	-1943.0	4176	8.6	153128.6	-1914.2	4266	9.7	154735.9	-1904.4	4356	9.4	161022.7	-1907.6
4087	9.7	151349.8	-1915.8	4177	7.6	153134.1	-1917.7	4267	9.8	154740.0	-1934.7	4357	6.0	161038.3	-1951.5
4088	9.2	151357.2	-1932.4	4178	9.5	153138.0	-1904.4	4268	9.8	154904.9	-1901.1	4358	8.5	161125.6	-1941.2
4089	9.5	151423.0	-1956.5	4179	9.6	153158.4	-1928.6	4269	9.3	154912.4	-1932.0	4359	7.7	161136.3	-1941.9
4090	9.5	151425.6	-1929.5	4180	9.8	153206.3	-1929.3	4270	9.8	154920.9	-1941.0	4360	9.5	161143.0	-1909.9
4091	8.3	151453.2	-1916.0	4181	9.9	153212.6	-1928.6	4271	9.9	154938.0	-1926.5	4361	7.3	161200.8	-1945.7
4092	9.8	151500.5	-1941.1	4182	9.2	153227.9	-1924.4	4272	9.8	154953.9	-1959.8	4362	8.6	161240.9	-1935.0
4093	9.2	151502.7	-1912.5	4183	9.3	153238.3	-1956.7	4273	8.3	155021.8	-1907.3	4363	9.6	161320.2	-1954.5
4094	9.3	151517.0	-1956.5	4184	9.7	153241.6	-1958.3	4274	8.7	155041.9	-1930.9	4364	9.5	161334.2	-1901.0
4095	8.9	151523.2	-1913.8	4185	9.3	153252.8	-1914.4	4275	8.6	155043.5	-1931.1	4365	5.0	161537.3	-1941.6
4096	9.4	151532.8	-1919.3	4186	9.3	153305.7	-1946.3	4276	9.0	155134.1	-1959.8	4366	9.0	161632.7	-1909.1
4097	9.4	151600.5	-1912.9	4187	9.3	153324.1	-1912.1	4277	9.3	155136.2	-1941.8	4367	9.1	161653.6	-1959.1
4098	9.5	151604.9	-1946.2	4188	5.3	153336.1	-1912.3	4278	9.7	155137.0	-1913.2	4368	8.5	161658.3	-1930.1
4099	8.2	151610.7	-1926.6	4189	9.9	153354.9	-1930.4	4279	9.5	155137.3	-1904.7	4369	9.5	161753.6	-1918.6
4100	9.5	151657.8	-1916.9	4190	8.7	153400.4	-1901.0	4280	9.8	155152.2	-1933.8	4370	9.8	161754.1	-1952.2
4101	9.3	151748.0	-1959.6	4191	9.0	153402.9	-1923.9	4281	9.9	155153.8	-1944.5	4371	9.4	161756.4	-1912.1
4102	10.	151749.6	-1923.5	4192	9.5	153407.3	-1905.5	4282	9.3	155208.5	-1927.9	4372	9.8	161833.3	-1925.1
4103	10.	151755.9	-1928.7	4193	10.	153414.8	-1930.5	4283	9.7	155211.6	-1953.1	4373	9.7	161924.1	-1906.1
4104	8.7	151814.4	-1959.0	4194	9.0	153428.6	-1946.6	4284	9.7	155212.6	-1931.1	4374	9.8	162247.1	-1941.4
4105	9.7	151826.5	-1910.5	4195	10.	153436.8	-1924.7	4285	9.7	155231.8	-1928.3	4375	8.8	162403.0	-1945.8
4106	6.5	151831.1	-1929.6	4196	9.7	153442.8	-1913.1	4286	9.1	155254.8	-1927.4	4376	8.8	162410.3	-1916.4
4107	10.	151833.3	-1916.1	4197	9.5	153444.9	-1902.2	4287	9.5	155312.3	-1945.4	4377	9.2	162425.2	-1926.0
4108	9.0	151926.3	-1907.6	4198	9.3	153448.5	-1952.8	4288	9.5	155332.3	-1943.3	4378	9.6	162439.8	-1923.2
4109	9.5	151929.8	-1940.5	4199	9.8	153457.7	-1950.4	4289	8.8	155339.9	-1922.3	4379	9.1	162451.7	-1956.0
4110	9.8	151935.1	-1919.1	4200	9.6	153527.3	-1951.5	4290	9.5	155347.2	-1906.7	4380	9.4	162610.7	-1921.5
4111	9.2	151938.0	-1923.3	4201	9.6	153534.0	-1951.2	4291	8.2	155350.7	-1902.4	4381	8.4	162617.0	-1938.1
4112	9.3	152022.5	-1922.9	4202	8.8	153551.6	-1919.8	4292	9.5	155413.8	-1903.9	4382	9.0	162627.5	-1949.5
4113	9.5	152024.9	-1938.7	4203	8.8	153559.4	-1914.9	4293	9.8	155416.4	-1921.1	4383	9.5	162630.0	-1914.8
4114	8.6	152034.8	-1942.1	4204	9.5	153620.0	-1944.4	4294	8.9	155436.3	-1935.4	4384	9.1	162630.7	-1921.6
4115	9.7	152035.7	-1950.9	4205	9.3	153624.2	-1935.5	4295	7.5	155441.3	-1926.1	4385	9.1	162638.7	-1952.7
4116	10.	152036.0	-1956.8	4206	9.5	153624.2	-1911.4	4296	8.0	155518.6	-1910.2	4386	9.7	162704.4	-1901.6
4117	9.5	152052.7	-1903.3	4207	9.4	153625.1	-1940.0	4297	9.0	155523.2	-1906.6	4387	8.7	162705.4	-1957.0
4118	9.5	152132.8	-1933.2	4208	9.7	153721.0	-1915.3	4298	8.0	155535.3	-1921.4	4388	9.3	162719.5	-1945.1
4119	9.2	152140.0	-1925.5	4209	9.8	153724.5	-1954.2	4299	9.3	155535.7	-1914.0	4389	9.6	162742.4	-1957.9
4120	9.2	152141.3	-1928.1	4210	9.5	153731.5	-1922.5	4300	9.5	155558.7	-1900.1	4390	8.8	162802.9	-1951.1
4121	10.	152212.9	-1925.6	4211	9.5	153743.0	-1905.6	4301	10.	155602.2	-1957.1	4391	9.2	162808.2	-1959.2
4122	10.	152215.2	-1913.0	4212	9.3	153744.2	-1956.5	4302	9.0	155624.3	-1914.9	4392	8.7	162809.7	-1917.9
4123	9.8	152224.2	-1914.4	4213	8.9	153813.0	-1913.1	4303	8.5	155625.1	-1954.5	4393	9.5	162831.4	-1903.8
4124	9.9	152234.8	-1941.9	4214	9.4	153824.6	-1942.5	4304	9.9	155625.3	-1942.4	4394	9.5	162832.9	-1928.7
4125	9.5	152241.7	-1946.4	4215	9.4	153900.1	-1929.1	4305	9.0	155629.7	-1901.7	4395	9.5	162835.5	-1915.8
4126	9.5	152257.2	-1943.5	4216	9.8	153911.9	-1949.5	4306	9.5	155638.2	-1940.7	4396	9.6	162841.5	-1918.5
4127	9.1	152310.9	-1933.0	4217	10.	153927.0	-1902.3	4307	2.0	155659.9	-1924.3	4397	9.5	162900.9	-1931.4
4128	6.7	152322.7	-1940.0	4218	8.8	153927.9	-1915.1	4308	8.0	155702.6	-1923.9	4398	9.8	162907.8	-1957.9
4129	9.0	152328.5	-1911.5	4219	9.2	153932.2	-1924.2	4309	8.0	155719.5	-1916.8	4399	9.4	162922.9	-1952.8
4130	9.0	152346.4	-1923.8	4220	9.8	153956.6	-1934.2	4310	9.8	155732.6	-1915.1	4400	9.2	162959.7	-1914.1
4131	10.	152357.2	-1915.9	4221	8.5	153958.1	-1956.7	4311	8.9	155750.2	-1923.4	4401	9.3	163007.8	-1926.6
4132	9.3	152404.7	-1941.6	4222	9.5	154002.2	-1919.8	4312	9.6	155759.6	-1915.1	4402	9.3	163027.3	-1959.0
4133	9.8	152406.7	-1943.7	4223	9.5	154012.7	-1926.4	4313	9.4	155807.4	-1950.0	4403	8.8	163159.0	-1934.3
4134	8.7	152414.9	-1930.5	4224	9.2	154016.5	-1942.3	4314	9.8	155816.3	-1922.7	4404	8.9	163204.2	-1910.3
4135	5.5	152417.3	-1910.5	4225	9.6	154019.9	-1945.9	4315	9.4	155838.5	-1903.1	4405	9.3	163219.3	-1909.2
4136	10.	152431.1	-1908.1	4226	8.7	154038.7	-1922.1	4316	8.6	155922.6	-1935.7	4406	6.0	163322.4	-1938.5
4137	9.8	152440.4	-1928.5	4227	8.0	154058.4	-1950.1	4317	9.4	160001.9	-1916.6	4407	8.5	163345.0	-1946.8
4138	9.1	152449.5	-1924.1	4228	10.	154101.6	-1904.2	4318	9.5	160007.7	-1956.7	4408	8.5	163345.5	-1954.2
4139	9.8	152450.2	-1915.2	4229	9.8	154105.2	-1910.2	4319	9.8	160022.3	-1957.0	4409	8.3	163352.7	-1952.8
4140	9.0	152505.2	-1945.4	4230	9.3	154109.5	-1958.1	4320	9.6	160040.5	-1956.1	4410	9.3	163418.8	-1938.5
4141	9.0	152510.0	-1934.0	4231	9.7	154117.2	-1927.1	4321	9.8	160044.9	-1958.9	4411	9.0	163501.9	-1957.0
4142	10.	152519.3	-1932.8	4232	9.3	154143.6	-1929.4	4322	8.2	160055.9	-1904.2	4412	9.5	163524.8	-1942.6
4143	9.3	152533.1	-1908.4	4233	9.5	154143.7	-1902.2	4323	9.6	160057.6	-1918.9	4413	9.6	163545.0	-1925.4
4144	9.7	152538.9	-1924.8	4234	9.3	154206.5	-1928.1	4324	9.5	160150.1	-1932.5	4414	9.6	163548.4	-1947.8
4145	9.1	152540.6	-1905.2	4235	9.8	154211.0	-1917.3	4325	9.4	160151.4	-1908.0	4415	8.3	163553.8	-1934.4
4146	9.6	152552.1	-1950.8	4236	9.4	154212.4	-1937.2	4326	8.9	160215.9	-1900.7	4416	9.3	163628.8	-1935.0
4147	9.6	152619.5	-1909.3	4237	9.8	154221.5	-1939.2	4327	8.7	160226.0	-1937.7	4417	9.2	163658.2	-1910.7
4148	9.3	152643.0	-1932.8	4238	10.	154239.7	-1918.7	4328	10.	160244.0	-1941.8	4418	9.8	163727.8	-1901.2
4149	10.	152644.9	-1953.8	4239	8.9	154241.5	-1933.6	4329	9.7	160310.3	-1944.5	4419	9.4	163729.2	-1929.4
4150	9.8	152651.0	-1933.9	4240	9.8	154303.6	-1918.9	4330	30.0	160318.2	-1945.3	4420	9.4	163805.1	-1937.6
4151	9.2	152657.5	-1903.3	4241	9.4	154307.5	-1914.0	4331	9.8	160328.9	-1948.1	4421	9.5	163809.3	-1943.7
4152	9.4	152713.6	-1908.6	4242	9.8	154332.5	-1935.1	4332	7.3	160332.6	-1903.7	4422	9.8	163816.7	-1931.6
4153	9.0	152746.4	-1957.3	4243	9.9	154352.3	-1952.4	4333	4.5	160333.9	-1904.4	4423	9.1	163817.4	-1944.9
4154	9.8	152751.6	-1915.6	4244	9.5	154357.1	-1930.7	4334	8.4	160355.9	-1912.0	4424	10.	163817.8	-1939.3

-19 4425 16h38m

-19 4784 17h50m

4425	7.6	163824.5	-1949.7	4515	8.5	165642.0	-1959.3	4605	6.5	171203.8	-1910.4	4695	9.0	173510.5	-1933.5
4426	9.3	163908.2	-1952.6	4516	9.5	165643.1	-1934.0	4606	9.5	171215.4	-1953.1	4696	9.4	173547.0	-1949.1
4427	8.5	163915.9	-1936.5	4517	9.2	165704.4	-1909.9	4607	9.6	171238.2	-1927.1	4697	9.5	173557.4	-1945.4
4428	9.7	163916.4	-1931.6	4518	9.5	165715.0	-1913.8	4608	9.5	171303.0	-1931.8	4698	9.5	173630.6	-1953.7
4429	9.0	163936.7	-1906.6	4519	9.0	165730.7	-1935.5	4609	9.6	171307.0	-1919.7	4699	9.6	173630.8	-1913.7
4430	9.5	163945.0	-1918.6	4520	9.2	165800.8	-1930.8	4610	9.6	171309.9	-1920.3	4700	9.4	173735.3	-1946.7
4431	8.0	164004.2	-1901.2	4521	9.2	165822.8	-1918.0	4611	9.0	171331.9	-1955.7	4701	9.4	173758.3	-1935.3
4432	8.5	164014.6	-1948.0	4522	8.5	165823.0	-1944.5	4612	9.2	171336.6	-1922.5	4702	9.0	173806.8	-1956.1
4433	9.5	164024.7	-1939.3	4523	9.7	165823.6	-1916.5	4613	9.5	171343.5	-1925.0	4703	9.5	173910.5	-1904.7
4434	8.7	164030.5	-1920.5	4524	8.8	165835.8	-1918.0	4614	9.5	171359.7	-1955.1	4704	9.5	173925.2	-1900.6
4435	8.8	164032.7	-1912.0	4525	9.2	165852.8	-1902.3	4615	7.9	171401.1	-1928.0	4705	8.8	173942.4	-1906.1
4436	8.3	164046.3	-1900.1	4526	9.2	165855.0	-1903.8	4616	9.7	171420.7	-1957.6	4706	9.5	173943.1	-1921.2
4437	9.3	164103.7	-1956.3	4527	8.0	165856.0	-1905.6	4617	7.8	171444.2	-1918.1	4707	9.0	173950.3	-1934.7
4438	9.5	164114.2	-1936.9	4528	8.3	165913.1	-1900.1	4618	9.5	171550.0	-1903.8	4708	8.3	174006.7	-1943.2
4439	9.4	164114.8	-1911.4	4529	9.5	165933.7	-1954.5	4619	9.8	171605.6	-1949.1	4709	9.5	174038.0	-1957.2
4440	9.4	164155.4	-1958.5	4530	9.8	165934.1	-1909.5	4620	9.5	171625.0	-1933.0	4710	9.8	174049.7	-1900.3
4441	9.5	164203.5	-1955.1	4531	9.4	165942.7	-1934.5	4621	9.2	171627.8	-1956.9	4711	7.4	174059.3	-1957.2
4442	9.5	164208.3	-1923.2	4532	9.5	165943.8	-1947.2	4622	8.5	171636.1	-1918.3	4712	10.	174059.5	-1957.6
4443	8.3	164224.5	-1934.8	4533	9.0	165945.0	-1935.8	4623	9.4	171648.7	-1951.3	4713	8.5	174116.1	-1951.3
4444	9.4	164231.9	-1914.3	4534	9.5	165947.0	-1930.0	4624	8.0	171656.2	-1916.1	4714	9.4	174148.5	-1917.6
4445	9.2	164241.8	-1931.5	4535	9.8	165951.4	-1922.6	4625	9.6	171714.0	-1942.9	4715	9.5	174151.4	-1910.6
4446	9.8	164301.4	-1920.9	4536	9.2	165954.0	-1912.5	4626	9.1	171716.9	-1905.7	4716	10.	174157.3	-1953.4
4447	9.5	164328.5	-1959.0	4537	9.7	170002.8	-1910.3	4627	8.6	171717.3	-1909.6	4717	9.8	174201.9	-1957.3
4448	9.4	164331.7	-1910.9	4538	9.1	170021.3	-1929.0	4628	9.4	171718.2	-1951.0	4718	9.5	174202.8	-1928.8
4449	9.8	164341.5	-1919.5	4539	9.7	170036.3	-1902.9	4629	9.2	171721.4	-1951.8	4719	9.5	174253.2	-1937.3
4450	9.8	164342.7	-1919.1	4540	8.7	170036.5	-1929.1	4630	9.7	171732.8	-1934.8	4720	9.3	174301.8	-1959.5
4451	7.8	164351.8	-1905.9	4541	9.8	170053.6	-1950.3	4631	9.7	171752.1	-1943.3	4721	10.	174302.1	-1912.7
4452	9.4	164403.2	-1906.4	4542	9.8	170100.0	-1902.5	4632	8.7	171752.4	-1922.7	4722	10.	174305.6	-1911.0
4453	9.0	164403.9	-1927.4	4543	9.4	170103.3	-1923.4	4633	9.3	171805.3	-1914.7	4723	8.0	174308.3	-1943.9
4454	10.	164418.8	-1944.9	4544	9.2	170105.1	-1940.2	4634	9.5	171809.3	-1906.3	4724	10.	174312.5	-1902.2
4455	8.6	164424.4	-1956.4	4545	9.4	170114.8	-1927.6	4635	9.1	171812.9	-1951.6	4725	6.8	174314.6	-1928.5
4456	9.4	164424.9	-1924.4	4546	9.2	170140.7	-1940.0	4636	9.5	171834.7	-1924.7	4726	9.3	174335.0	-1940.2
4457	9.5	164445.6	-1914.6	4547	7.0	170143.1	-1914.8	4637	9.8	171910.6	-1908.5	4727	9.0	174339.3	-1944.3
4458	9.4	164448.7	-1915.8	4548	8.9	170150.6	-1951.4	4638	8.5	171911.4	-1905.9	4728	6.7	174346.9	-1904.5
4459	9.0	164513.3	-1910.3	4549	8.8	170152.7	-1919.4	4639	9.3	171919.8	-1909.4	4729	8.7	174404.3	-1920.5
4460	8.3	164525.7	-1905.6	4550	9.4	170217.3	-1923.9	4640	9.2	171934.0	-1950.5	4730	9.8	174413.5	-1927.1
4461	9.0	164547.7	-1907.2	4551	9.8	170218.4	-1922.8	4641	9.8	171955.0	-1916.1	4731	9.5	174413.7	-1933.5
4462	9.7	164555.8	-1902.7	4552	9.2	170219.6	-1957.9	4642	9.7	172009.3	-1949.8	4732	9.1	174441.1	-1900.9
4463	9.7	164631.1	-1941.0	4553	9.5	170221.1	-1946.9	4643	9.8	172030.9	-1943.1	4733	7.0	174511.1	-1950.9
4464	8.7	164648.5	-1912.2	4554	9.5	170236.3	-1926.0	4644	7.8	172110.9	-1921.1	4734	8.8	174546.8	-1925.4
4465	8.7	164653.2	-1916.7	4555	9.4	170236.5	-1920.7	4645	8.0	172205.7	-1926.2	4735	9.5	174559.3	-1929.6
4466	8.7	164707.2	-1951.5	4556	9.7	170310.4	-1903.2	4646	9.5	172206.0	-1932.4	4736	9.5	174600.2	-1907.1
4467	9.5	164712.6	-1906.9	4557	9.8	170311.3	-1927.9	4647	9.2	172233.8	-1942.9	4737	9.5	174600.3	-1909.2
4468	9.5	164714.3	-1929.0	4558	9.1	170355.2	-1936.3	4648	9.8	172238.8	-1900.0	4738	9.5	174603.0	-1922.4
4469	9.6	164752.1	-1916.2	4559	9.8	170357.1	-1951.8	4649	9.5	172325.5	-1924.8	4739	9.8	174613.2	-1907.4
4470	9.3	164810.8	-1946.3	4560	9.0	170454.1	-1944.8	4650	9.5	172357.8	-1913.1	4740	9.3	174613.3	-1959.0
4471	6.9	164833.2	-1918.2	4561	9.4	170506.6	-1913.0	4651	9.7	172440.9	-1933.8	4741	9.3	174621.6	-1951.5
4472	9.1	164842.6	-1920.8	4562	9.3	170508.5	-1922.0	4652	8.6	172442.1	-1915.1	4742	9.4	174625.1	-1935.9
4473	9.1	164855.9	-1939.5	4563	9.5	170523.0	-1953.7	4653	9.5	172449.5	-1921.9	4743	9.5	174637.6	-1942.2
4474	8.3	164922.2	-1933.5	4564	9.8	170526.7	-1932.1	4654	9.3	172451.4	-1953.0	4744	9.4	174641.6	-1918.7
4475	9.6	164943.7	-1901.4	4565	8.8	170537.4	-1905.1	4655	9.0	172503.7	-1902.3	4745	8.9	174647.1	-1915.6
4476	9.4	164945.5	-1907.0	4566	9.4	170554.8	-1909.8	4656	8.9	172510.0	-1948.5	4746	9.2	174650.4	-1917.5
4477	9.5	164956.7	-1913.3	4567	9.8	170605.8	-1918.5	4657	9.5	172519.2	-1923.9	4747	9.4	174705.3	-1903.4
4478	9.7	164958.9	-1915.9	4568	9.3	170607.4	-1907.8	4658	9.6	172534.5	-1927.8	4748	9.0	174706.4	-1947.7
4479	9.8	165002.8	-1946.8	4569	8.5	170619.3	-1941.4	4659	8.0	172536.9	-1904.0	4749	9.5	174711.3	-1924.4
4480	8.8	165007.1	-1910.4	4570	9.0	170628.8	-1922.3	4660	9.0	172554.9	-1907.3	4750	9.3	174731.2	-1920.9
4481	9.1	165012.8	-1954.3	4571	9.3	170629.6	-1940.8	4661	9.8	172655.5	-1916.5	4751	9.2	174737.5	-1948.0
4482	9.3	165022.5	-1922.9	4572	9.5	170638.9	-1945.0	4662	8.0	172656.5	-1947.5	4752	9.3	174737.7	-1932.8
4483	9.9	165039.6	-1907.5	4573	9.5	170645.9	-1913.1	4663	9.2	172746.7	-1926.0	4753	9.0	174740.4	-1901.6
4484	9.1	165046.0	-1911.8	4574	9.4	170652.0	-1903.2	4664	9.5	172747.3	-1914.9	4754	9.6	174742.9	-1900.2
4485	9.5	165046.0	-1915.6	4575	9.8	170702.8	-1952.4	4665	8.1	172801.7	-1958.3	4755	9.3	174750.3	-1907.4
4486	9.4	165051.7	-1945.6	4576	9.8	170739.0	-1934.6	4666	9.4	172805.7	-1949.3	4756	10.	174753.8	-1900.6
4487	9.8	165053.2	-1953.7	4577	9.0	170749.3	-1914.2	4667	9.5	172808.9	-1955.4	4757	9.8	174756.3	-1944.7
4488	9.8	165054.1	-1959.0	4578	7.9	170756.5	-1910.1	4668	9.5	172813.3	-1921.3	4758	9.5	174801.9	-1903.6
4489	9.5	165129.1	-1927.6	4579	9.2	170903.1	-1945.1	4669	9.4	172824.0	-1944.0	4759	9.6	174804.5	-1904.2
4490	9.5	165139.0	-1940.5	4580	9.2	170907.0	-1956.3	4670	9.5	172825.9	-1925.2	4760	9.4	174808.4	-1907.4
4491	9.4	165145.0	-1913.4	4581	9.8	170916.9	-1914.4	4671	9.5	172826.8	-1914.8	4761	9.7	174811.0	-1901.4
4492	9.4	165243.8	-1957.6	4582	9.7	170918.8	-1905.6	4672	9.1	172856.2	-1957.9	4762	9.3	174812.3	-1902.1
4493	9.4	165257.8	-1934.6	4583	9.5	170919.2	-1929.9	4673	9.2	172928.2	-1918.0	4763	9.4	174818.4	-1903.5
4494	9.4	165312.9	-1921.4	4584	9.2	170929.0	-1947.8	4674	8.9	172933.9	-1952.7	4764	8.4	174820.2	-1918.4
4495	9.8	165338.0	-1901.7	4585	9.5	170946.6	-1941.6	4675	9.7	173000.2	-1921.1	4765	9.7	174820.9	-1904.8
4496	9.5	165411.1	-1918.3	4586	9.8	170948.6	-1935.0	4676	9.6	173005.7	-1945.4	4766	9.7	174825.3	-1900.8
4497	9.8	165441.3	-1934.3	4587	9.4	170955.1	-1938.6	4677	8.3	173017.7	-1926.9	4767	9.8	174829.6	-1901.9
4498	8.2	165445.0	-1955.9	4588	9.5	170955.3	-1904.0	4678	10.	173038.6	-1910.2	4768	10.	174830.9	-1904.2
4499	8.0	165448.2	-1916.4	4589	9.4	170958.0	-1949.4	4679	9.5	173054.9	-1903.8	4769	9.3	174836.0	-1901.4
4500	8.4	165454.4	-1952.5	4590	9.5	171008.4	-1910.0	4680	8.3	173222.1	-1953.7	4770	9.3	174836.0	-1904.0
4501	9.7	165500.0	-1914.2	4591	8.8	171018.6	-1905.3	4681	9.5	173224.5	-1958.6	4771	9.8	174850.3	-1901.4
4502	8.9	165504.2	-1914.7	4592	9.3	171019.1	-1955.6	4682	9.0	173236.9	-1927.3	4772	9.3	174851.2	-1955.9
4503	9.7	165520.5	-1916.6	4593	9.5	171021.7	-1945.6	4683	8.0	173244.9	-1922.5	4773	10.	174854.6	-1903.2
4504	9.2	165526.1	-1952.7	4594	9.6	171046.1	-1933.9	4684	9.8	173305.3	-1918.0	4774	8.6	174859.1	-1951.7
4505	9.5	165527.9	-1901.3	4595	9.0	171046.6	-1923.9	4685	9.4	173309.3	-1957.2	4775	9.0	174905.9	-1907.0
4506	9.7	165529.2	-1918.4	4596	9.1	171058.2	-1919.0	4686	8.9	173314.8	-1910.6	4776	8.8	174910.1	-1925.9
4507	9.3	165536.1	-1901.5	4597	10.	171106.1	-1913.0	4687	9.2	173327.7	-1914.1	4777	8.8	174938.4	-1915.0
4508	9.7	165548.5	-1915.1	4598	9.6	171106.8	-1918.5	4688	8.5	173350.2	-1919.4	4778	8.8	174946.2	-1912.8
4509	9.3	165551.8	-1931.5	4599	9.1	171118.1	-1931.3	4689	9.6	173356.2	-1905.4	4779	9.9	174954.2	-1937.0
4510	10.	165555.3	-1915.3	4600	8.0	171122.7	-1933.1	4690	9.1	173407.1	-1949.8	4780	10.	175008.5	-1905.6
4511	9.4	165601.7	-1928.0	4601	9.3	171126.0	-1939.0	4691	9.6	173426.0	-1930.6	4781	9.3	175008.8	-1958.8
4512	9.4	165627.1	-1915.4	4602	7.9	171126.0	-1949.3	4692	9.8	173435.3	-1936.0	4782	9.5	175011.2	-1901.0
4513	9.7	165629.7	-1909.2	4603	9.4	171150.3	-1942.7	4693	8.6	173436.6	-1925.9	4783	9.2	175027.4	-1933.5
4514	9.7	165640.3	-1948.7	4604	9.5	171158.7	-1959.1	4694	10.	173442.9	-1937.7	4784	8.5	175042.1	-1931.3

-19 4785 17h50m

-19 5144 18h35m

4785	9.5	175052.1	-1940.9	4875	9.4	180112.6	-1938.6	4965	8.4	181153.6	-1953.9	5055	8.8	182343.7	-1919.0
4786	9.4	175112.5	-1949.9	4876	9.4	180118.1	-1905.6	4966	9.7	181157.7	-1935.5	5056	9.6	182352.7	-1904.5
4787	9.8	175128.8	-1901.7	4877	9.8	180123.7	-1900.9	4967	9.5	181204.5	-1916.3	5057	8.7	182355.3	-1933.5
4788	9.3	175142.1	-1943.6	4878	9.6	180133.8	-1912.5	4968	10.	181211.5	-1937.2	5058	9.3	182355.4	-1911.8
4789	7.8	175151.9	-1913.1	4879	10.	180142.4	-1917.4	4969	9.0	181215.8	-1959.3	5059	8.0	182358.0	-1904.4
4790	9.1	175152.8	-1922.6	4880	9.6	180146.3	-1912.7	4970	7.8	181226.8	-1942.8	5060	9.1	182358.4	-1923.3
4791	9.1	175201.6	-1942.9	4881	9.5	180152.6	-1950.5	4971	9.5	181233.1	-1959.2	5061	9.5	182422.2	-1925.7
4792	8.5	175206.4	-1941.6	4882	8.8	180204.5	-1911.6	4972	9.8	181233.5	-1901.7	5062	9.5	182439.1	-1904.4
4793	9.3	175212.3	-1955.9	4883	9.1	180206.3	-1919.3	4973	9.4	181250.0	-1941.0	5063	9.3	182450.0	-1936.5
4794	9.0	175214.5	-1953.7	4884	9.2	180226.5	-1935.5	4974	8.3	181251.6	-1919.6	5064	9.6	182457.0	-1917.9
4795	8.3	175228.7	-1951.2	4885	9.5	180237.1	-1956.8	4975	9.5	181307.3	-1936.0	5065	8.5	182502.0	-1956.5
4796	7.8	175231.6	-1956.8	4886	6.7	180239.3	-1951.9	4976	9.3	181308.8	-1944.3	5066	9.9	182504.5	-1917.3
4797	9.0	175236.4	-1940.9	4887	9.5	180241.8	-1942.6	4977	9.5	181321.1	-1943.2	5067	9.0	182524.5	-1935.0
4798	9.1	175238.5	-1950.3	4888	8.7	180246.1	-1927.8	4978	9.6	181346.7	-1934.1	5068	9.4	182527.0	-1945.1
4799	9.3	175306.3	-1921.7	4889	9.4	180250.5	-1914.1	4979	9.8	181349.2	-1918.2	5069	9.5	182529.5	-1953.0
4800	7.0	175320.3	-1905.5	4890	9.4	180256.8	-1920.9	4980	9.0	181414.7	-1914.2	5070	10.	182536.9	-1907.4
4801	9.0	175320.6	-1940.6	4891	9.8	180259.5	-1931.9	4981	8.9	181419.3	-1950.0	5071	7.5	182548.6	-1953.1
4802	9.5	175323.1	-1936.5	4892	9.0	180312.9	-1904.1	4982	9.3	181438.8	-1946.4	5072	9.3	182556.0	-1946.1
4803	9.4	175335.1	-1948.1	4893	9.4	180315.4	-1945.3	4983	9.5	181440.2	-1907.1	5073	9.1	182614.4	-1923.4
4804	9.1	175345.6	-1936.5	4894	9.0	180323.0	-1905.2	4984	9.3	181505.2	-1921.4	5074	9.5	182620.5	-1932.3
4805	9.7	175354.5	-1909.7	4895	7.3	180340.3	-1927.7	4985	9.4	181516.3	-1934.5	5075	8.8	182625.0	-1938.4
4806	9.7	175357.1	-1915.5	4896	9.5	180349.4	-1918.2	4986	9.5	181524.9	-1956.9	5076	9.5	182639.2	-1959.5
4807	9.5	175413.1	-1943.7	4897	9.3	180403.6	-1918.3	4987	7.8	181529.8	-1927.8	5077	7.0	182649.5	-1922.3
4808	9.8	175428.8	-1902.3	4898	9.3	180407.3	-1926.3	4988	8.2	181534.8	-1938.9	5078	9.0	182656.3	-1930.1
4809	9.9	175443.3	-1904.7	4899	9.5	180415.9	-1928.8	4989	9.8	181540.2	-1915.7	5079	10.	182703.7	-1951.5
4810	10.	175449.7	-1915.4	4900	8.7	180421.3	-1946.9	4990	8.6	181541.7	-1952.7	5080	8.5	182716.3	-1939.6
4811	10.	175453.7	-1913.8	4901	9.5	180428.0	-1916.0	4991	9.8	181543.0	-1919.0	5081	9.3	182723.0	-1933.5
4812	10.	175454.0	-1951.1	4902	9.8	180435.9	-1942.4	4992	8.0	181603.3	-1947.8	5082	9.5	182737.8	-1901.2
4813	10.	175459.2	-1956.2	4903	9.6	180449.3	-1924.1	4993	9.3	181605.3	-1947.3	5083	8.8	182739.2	-1957.2
4814	9.5	175507.6	-1932.5	4904	9.4	180451.8	-1947.2	4994	9.3	181607.3	-1944.7	5084	9.5	182740.9	-1907.8
4815	9.3	175516.6	-1926.1	4905	9.2	180501.4	-1919.6	4995	9.3	181608.6	-1946.9	5085	9.4	182741.8	-1923.7
4816	9.0	175517.6	-1913.2	4906	9.4	180507.9	-1951.2	4996	9.5	181609.8	-1933.1	5086	10.	182747.4	-1951.3
4817	9.4	175522.2	-1934.9	4907	9.5	180509.8	-1917.1	4997	9.2	181619.3	-1920.0	5087	9.0	182756.6	-1944.7
4818	9.1	175524.7	-1942.9	4908	9.6	180511.9	-1913.3	4998	9.0	181644.2	-1907.7	5088	9.5	182803.4	-1917.4
4819	8.0	175526.6	-1927.9	4909	9.1	180519.5	-1901.5	4999	9.4	181726.4	-1906.3	5089	9.5	182811.1	-1904.0
4820	9.0	175528.5	-1936.9	4910	9.3	180523.7	-1908.9	5000	10.	181730.4	-1903.3	5090	9.6	182811.7	-1956.4
4821	8.0	175529.1	-1948.4	4911	9.9	180529.2	-1902.5	5001	9.7	181755.9	-1916.6	5091	9.4	182818.5	-1925.0
4822	9.3	175533.7	-1925.5	4912	9.5	180530.7	-1911.9	5002	9.3	181759.2	-1909.2	5092	9.5	182824.0	-1901.8
4823	10.	175535.0	-1923.5	4913	9.3	180534.1	-1914.0	5003	9.5	181813.6	-1907.5	5093	9.2	182825.9	-1923.0
4824	9.5	175536.6	-1942.5	4914	9.5	180543.3	-1924.6	5004	9.4	181820.0	-1936.8	5094	8.2	182826.6	-1915.1
4825	9.1	175604.2	-1936.3	4915	9.2	180544.6	-1906.5	5005	9.7	181839.7	-1947.6	5095	8.6	182830.9	-1953.6
4826	9.5	175606.7	-1903.5	4916	9.5	180556.8	-1921.9	5006	9.5	181839.7	-1909.4	5096	9.4	182831.6	-1914.9
4827	9.7	175612.5	-1934.7	4917	8.8	180602.4	-1905.5	5007	8.5	181840.0	-1901.7	5097	7.6	182834.4	-1919.8
4828	8.5	175614.3	-1901.9	4918	9.4	180602.6	-1926.8	5008	9.5	181851.7	-1905.6	5098	10.	182837.3	-1924.7
4829	9.0	175636.0	-1922.3	4919	10.	180608.4	-1945.4	5009	9.3	181902.9	-1914.6	5099	8.3	182841.1	-1931.4
4830	8.8	175638.8	-1935.1	4920	9.5	180608.5	-1924.1	5010	9.6	181913.2	-1914.0	5100	9.8	182846.8	-1939.7
4831	9.5	175647.8	-1958.8	4921	9.3	180620.4	-1915.7	5011	8.8	181925.5	-1909.4	5101	8.1	182854.1	-1932.5
4832	6.9	175658.1	-1945.3	4922	9.5	180626.2	-1958.1	5012	8.8	181936.9	-1932.4	5102	9.8	182856.7	-1942.3
4833	9.1	175703.2	-1958.4	4923	9.5	180627.2	-1958.3	5013	8.8	181942.4	-1935.2	5103	9.8	182858.3	-1928.3
4834	8.0	175720.3	-1927.9	4924	9.0	180628.2	-1915.1	5014	9.3	181959.0	-1940.6	5104	9.5	182904.6	-1959.9
4835	8.3	175720.3	-1942.7	4925	9.8	180639.8	-1953.9	5015	8.8	181959.8	-1951.8	5105	8.3	182918.2	-1943.3
4836	8.8	175722.3	-1957.5	4926	9.3	180640.4	-1909.4	5016	9.5	182006.8	-1914.6	5106	10.	182929.8	-1932.6
4837	9.0	175733.3	-1957.3	4927	10.	180643.5	-1950.9	5017	9.3	182015.5	-1915.4	5107	9.5	182942.5	-1949.3
4838	9.0	175745.4	-1934.0	4928	8.2	180645.3	-1901.4	5018	9.0	182019.8	-1920.2	5108	9.6	183000.4	-1913.3
4839	9.8	175755.7	-1953.2	4929	8.5	180645.8	-1958.0	5019	9.0	182027.7	-1903.0	5109	9.5	183001.2	-1904.0
4840	9.2	175758.2	-1914.1	4930	9.5	180648.6	-1954.2	5020	9.0	182032.2	-1908.8	5110	9.4	183007.2	-1915.9
4841	8.8	175758.8	-1904.6	4931	9.3	180656.5	-1921.0	5021	9.4	182052.0	-1950.0	5111	9.1	183007.2	-1939.5
4842	9.0	175822.8	-1923.2	4932	9.1	180701.7	-1959.7	5022	9.5	182057.9	-1904.8	5112	10.	183018.7	-1905.5
4843	9.5	175831.6	-1940.4	4933	9.0	180704.2	-1931.2	5023	9.5	182059.4	-1920.7	5113	8.4	183020.6	-1914.0
4844	9.5	175836.4	-1958.1	4934	9.6	180705.0	-1913.9	5024	9.9	182104.0	-1950.2	5114	9.2	183103.3	-1955.0
4845	9.4	175838.1	-1950.5	4935	9.2	180707.9	-1952.4	5025	8.8	182108.3	-1941.4	5115	9.2	183123.5	-1933.7
4846	9.1	175839.5	-1917.8	4936	9.2	180721.1	-1957.2	5026	9.3	182110.8	-1915.1	5116	9.7	183126.2	-1911.2
4847	9.8	175851.9	-1905.6	4937	9.5	180737.5	-1923.3	5027	9.5	182120.1	-1956.4	5117	9.5	183141.5	-1946.4
4848	9.8	175853.2	-1915.3	4938	9.7	180742.8	-1915.6	5028	8.8	182120.5	-1936.4	5118	9.3	183159.6	-1953.1
4849	9.3	175858.7	-1918.5	4939	9.1	180753.0	-1901.2	5029	9.5	182135.6	-1956.4	5119	9.5	183201.7	-1919.8
4850	9.6	175906.6	-1948.8	4940	9.4	180816.4	-1949.7	5030	8.8	182148.9	-1927.5	5120	9.5	183223.1	-1954.1
4851	9.7	175906.9	-1913.6	4941	9.3	180818.5	-1922.9	5031	9.4	182203.4	-1910.9	5121	9.3	183228.3	-1954.0
4852	9.7	175920.7	-1922.3	4942	9.4	180824.8	-1920.7	5032	9.4	182209.7	-1907.9	5122	9.0	183231.0	-1940.5
4853	9.5	175922.9	-1920.5	4943	9.3	180825.6	-1935.9	5033	9.5	182211.5	-1929.0	5123	8.9	183238.5	-1945.4
4854	9.6	175923.9	-1924.8	4944	8.0	180827.5	-1900.8	5034	10.	182234.8	-1911.9	5124	8.6	183240.0	-1935.8
4855	9.5	175931.7	-1909.4	4945	8.9	180828.2	-1907.2	5035	9.4	182238.0	-1940.0	5125	9.4	183250.4	-1918.4
4856	9.5	175949.8	-1941.2	4946	9.4	180830.6	-1955.1	5036	8.4	182251.2	-1915.4	5126	9.1	183308.8	-1902.8
4857	9.0	175950.2	-1957.4	4947	9.8	180837.4	-1903.8	5037	9.1	182254.5	-1914.6	5127	9.6	183311.9	-1916.9
4858	8.4	175951.4	-1952.4	4948	9.3	180841.2	-1947.1	5038	9.4	182255.2	-1920.1	5128	9.5	183315.0	-1932.6
4859	9.5	175959.3	-1903.9	4949	9.3	180845.4	-1918.8	5039	9.5	182256.2	-1924.0	5129	9.4	183318.7	-1924.8
4860	9.7	180006.6	-1923.5	4950	9.5	180849.3	-1908.2	5040	9.5	182258.2	-1903.9	5130	9.4	183319.0	-1928.9
4861	9.5	180025.2	-1937.3	4951	9.5	180849.7	-1914.2	5041	9.2	182301.8	-1905.2	5131	8.7	183326.4	-1914.4
4862	9.5	180028.6	-1913.9	4952	7.8	180852.1	-1941.8	5042	8.3	182305.5	-1910.8	5132	9.1	183348.0	-1948.2
4863	8.2	180029.5	-1953.4	4953	7.6	180905.6	-1942.8	5043	9.4	182308.4	-1921.0	5133	9.5	183411.5	-1937.1
4864	8.6	180033.1	-1952.0	4954	9.6	180917.1	-1944.7	5044	9.1	182311.8	-1912.8	5134	6.5	183422.0	-1925.3
4865	9.0	180034.6	-1954.0	4955	8.9	180928.1	-1910.2	5045	9.3	182312.4	-1916.0	5135	9.5	183424.5	-1945.4
4866	9.0	180042.4	-1944.7	4956	9.1	180954.0	-1910.0	5046	9.3	182317.5	-1916.1	5136	9.4	183430.4	-1953.6
4867	9.1	180048.5	-1912.1	4957	9.5	181005.5	-1909.7	5047	30.0	182320.7	-1913.2	5137	8.8	183445.4	-1921.7
4868	9.5	180053.2	-1913.9	4958	9.0	181027.5	-1930.5	5048	9.2	182326.5	-1901.0	5138	9.5	183500.5	-1952.0
4869	9.3	180058.1	-1908.0	4959	9.3	181035.8	-1941.9	5049	9.5	182329.0	-1911.8	5139	9.4	183513.8	-1946.3
4870	9.6	180059.3	-1904.1	4960	9.8	181045.1	-1913.4	5050	9.5	182338.4	-1917.5	5140	9.0	183529.9	-1922.6
4871	8.4	180103.5	-1922.7	4961	9.5	181051.8	-1942.8	5051	9.8	182338.6	-1926.6	5141	10.	183531.9	-1955.6
4872	9.8	180104.4	-1913.0	4962	8.5	181059.3	-1947.4	5052	9.0	182340.0	-1922.5	5142	7.0	183536.4	-1927.6
4873	9.2	180109.2	-1910.2	4963	9.0	181130.2	-1934.2	5053	8.5	182341.3	-1913.4	5143	9.4	183544.3	-1902.1
4874	9.5	180110.4	-1920.2	4964	10.	181136.6	-1954.1	5054	9.5	182342.7	-1933.8	5144	9.5	183547.4	-1916.8

5145	9.5	183548.4	-1901.5	5235	9.3	184803.2	-1953.3	5325	9.4	190125.9	-1901.3	5415	8.3	191334.4	-1923.1
5146	9.2	183551.5	-1915.8	5236	9.0	184806.1	-1959.6	5326	9.5	190137.8	-1955.8	5416	9.8	191356.7	-1945.9
5147	9.5	183554.5	-1936.4	5237	8.6	184807.6	-1948.7	5327	9.0	190152.6	-1953.5	5417	9.2	191402.6	-1954.3
5148	9.4	183603.4	-1932.2	5238	9.4	184823.1	-1947.9	5328	9.9	190159.7	-1913.9	5418	8.3	191407.2	-1917.6
5149	8.9	183609.0	-1928.0	5239	9.3	184832.5	-1935.8	5329	9.4	190210.6	-1938.6	5419	9.5	191408.3	-1902.8
5150	9.5	183648.9	-1902.0	5240	9.5	184848.5	-1938.0	5330	9.8	190213.9	-1934.6	5420	9.8	191418.5	-1959.9
5151	9.5	183711.9	-1910.8	5241	9.5	184858.6	-1948.3	5331	10.	190224.1	-1919.9	5421	9.7	191430.0	-1914.6
5152	9.4	183719.3	-1957.1	5242	7.0	184904.1	-1920.4	5332	9.5	190234.8	-1924.5	5422	8.3	191435.6	-1915.4
5153	8.7	183724.1	-1913.6	5243	9.5	184911.2	-1906.0	5333	9.2	190239.7	-1955.0	5423	9.4	191437.8	-1904.8
5154	6.8	183728.0	-1945.0	5244	8.4	184915.5	-1953.0	5334	10.	190248.0	-1925.5	5424	9.2	191453.5	-1956.0
5155	9.5	183743.1	-1943.7	5245	9.6	184932.5	-1935.6	5335	9.2	190253.8	-1916.0	5425	9.5	191505.0	-1955.4
5156	9.5	183747.6	-1908.8	5246	9.5	184944.0	-1907.4	5336	8.8	190314.5	-1925.6	5426	9.7	191506.6	-1953.0
5157	9.5	183758.6	-1948.4	5247	9.4	184944.5	-1903.5	5337	9.1	190315.1	-1914.5	5427	8.8	191514.6	-1957.1
5158	9.5	183800.3	-1903.3	5248	9.5	184955.6	-1950.9	5338	9.3	190323.2	-1955.6	5428	9.5	191523.2	-1940.7
5159	9.7	183808.4	-1930.1	5249	9.4	184957.8	-1946.8	5339	9.9	190339.0	-1927.8	5429	9.5	191524.1	-1923.5
5160	9.1	183812.8	-1908.4	5250	8.8	184958.0	-1921.8	5340	9.5	190402.1	-1943.1	5430	9.4	191528.4	-1935.8
5161	10.	183825.2	-1920.5	5251	9.6	185012.0	-1901.0	5341	9.5	190405.3	-1928.8	5431	9.7	191531.9	-1911.7
5162	9.9	183825.9	-1903.8	5252	9.3	185014.5	-1934.5	5342	9.3	190405.8	-1954.5	5432	9.8	191532.5	-1956.2
5163	9.3	183834.1	-1939.0	5253	10.	185037.0	-1921.0	5343	9.4	190410.7	-1932.5	5433	10.	191550.8	-1942.5
5164	9.2	183840.3	-1950.8	5254	9.4	185041.9	-1913.8	5344	8.3	190414.0	-1928.1	5434	8.4	191552.7	-1959.5
5165	9.6	183852.9	-1907.5	5255	7.0	185052.2	-1928.1	5345	8.6	190433.3	-1943.5	5435	10.	191558.8	-1945.2
5166	9.5	183858.1	-1936.3	5256	9.2	185101.7	-1951.5	5346	9.0	190455.6	-1905.8	5436	8.2	191601.9	-1912.2
5167	9.5	183901.5	-1922.5	5257	9.4	185107.8	-1953.2	5347	9.7	190525.3	-1906.4	5437	9.6	191610.8	-1953.0
5168	7.0	183940.5	-1921.5	5258	8.8	185128.7	-1929.8	5348	9.2	190525.9	-1940.1	5438	9.1	191620.3	-1910.4
5169	9.1	183943.6	-1944.9	5259	9.3	185130.0	-1927.0	5349	9.5	190528.3	-1910.4	5439	9.5	191622.9	-1936.2
5170	8.8	183956.6	-1950.7	5260	9.8	185134.5	-1906.0	5350	9.2	190536.2	-1952.5	5440	10.	191625.4	-1951.1
5171	9.5	184004.9	-1905.4	5261	9.5	185200.2	-1925.6	5351	9.5	190543.9	-1932.5	5441	9.4	191626.8	-1955.2
5172	9.3	184009.0	-1911.9	5262	7.3	185202.7	-1950.8	5352	9.3	190556.0	-1940.0	5442	9.5	191636.1	-1911.6
5173	10.	184014.4	-1904.5	5263	7.8	185232.8	-1932.3	5353	8.7	190615.7	-1913.1	5443	8.9	191637.7	-1919.8
5174	9.5	184020.8	-1937.5	5264	9.4	185247.3	-1952.4	5354	9.5	190646.1	-1936.3	5444	9.6	191650.2	-1942.7
5175	9.5	184022.1	-1923.8	5265	9.5	185251.5	-1914.7	5355	9.5	190656.0	-1926.9	5445	9.8	191702.1	-1919.8
5176	9.4	184032.6	-1913.7	5266	9.6	185311.7	-1915.4	5356	9.3	190700.4	-1940.7	5446	9.5	191703.0	-1939.1
5177	9.5	184040.4	-1902.7	5267	9.3	185312.8	-1930.6	5357	9.3	190701.0	-1936.9	5447	9.7	191706.6	-1913.3
5178	9.5	184043.9	-1909.2	5268	9.1	185344.8	-1911.4	5358	9.5	190709.5	-1939.4	5448	8.7	191713.0	-1927.3
5179	9.0	184057.1	-1910.3	5269	9.1	185401.9	-1923.8	5359	9.8	190728.1	-1925.0	5449	9.5	191716.8	-1919.0
5180	10.	184057.4	-1921.5	5270	9.5	185404.3	-1942.0	5360	9.6	190735.9	-1936.2	5450	9.7	191742.3	-1940.8
5181	8.5	184102.4	-1903.6	5271	9.4	185416.5	-1937.3	5361	9.7	190737.1	-1954.9	5451	9.6	191754.4	-1933.0
5182	7.1	184103.1	-1918.1	5272	9.4	185417.6	-1913.9	5362	9.8	190748.8	-1910.4	5452	10.	191819.7	-1947.0
5183	9.5	184111.5	-1904.9	5273	6.1	185432.3	-1927.0	5363	9.6	190753.6	-1947.3	5453	9.3	191819.9	-1941.9
5184	9.2	184121.7	-1953.8	5274	9.1	185432.9	-1940.0	5364	9.6	190802.6	-1948.0	5454	10.	191823.1	-1924.7
5185	9.4	184129.0	-1935.7	5275	7.0	185435.9	-1918.2	5365	9.9	190809.0	-1937.0	5455	9.8	191834.9	-1933.7
5186	8.8	184145.9	-1908.1	5276	9.2	185436.0	-1907.2	5366	9.5	190811.4	-1929.1	5456	9.8	191843.8	-1940.3
5187	9.5	184149.8	-1937.0	5277	9.0	185442.8	-1937.1	5367	30.0	190811.9	-1933.7	5457	9.0	191900.7	-1929.4
5188	9.5	184151.1	-1902.9	5278	9.0	185452.3	-1943.4	5368	9.3	190821.5	-1928.2	5458	9.7	191916.7	-1955.3
5189	8.7	184155.9	-1927.6	5279	9.5	185455.7	-1950.7	5369	9.3	190828.8	-1918.8	5459	10.	191919.0	-1932.8
5190	9.5	184205.3	-1931.7	5280	9.1	185502.1	-1938.4	5370	9.9	190831.7	-1958.6	5460	8.6	191919.3	-1903.4
5191	9.5	184206.8	-1944.1	5281	8.5	185503.0	-1900.5	5371	9.4	190834.4	-1934.1	5461	9.8	191930.8	-1946.1
5192	9.5	184208.1	-1948.7	5282	9.4	185506.4	-1955.2	5372	8.8	190840.5	-1914.2	5462	7.8	191934.6	-1937.9
5193	9.1	184211.0	-1922.7	5283	9.5	185506.9	-1922.5	5373	9.4	190848.1	-1922.5	5463	9.5	191946.7	-1951.6
5194	9.5	184223.4	-1903.2	5284	9.5	185518.5	-1902.7	5374	9.4	190852.3	-1918.1	5464	9.4	192001.9	-1940.8
5195	8.4	184234.1	-1946.6	5285	9.6	185519.3	-1930.3	5375	9.1	190854.6	-1927.4	5465	9.6	192009.5	-1934.6
5196	9.8	184248.3	-1950.0	5286	9.6	185551.6	-1916.5	5376	8.5	190855.4	-1900.9	5466	9.7	192021.3	-1947.0
5197	9.8	184254.4	-1909.2	5287	8.6	185638.9	-1954.0	5377	9.2	190858.6	-1959.4	5467	9.8	192033.5	-1931.9
5198	8.4	184255.8	-1948.2	5288	9.8	185647.4	-1928.5	5378	9.0	190901.5	-1918.9	5468	9.8	192034.3	-1946.0
5199	9.5	184333.9	-1930.5	5289	9.5	185710.8	-1905.2	5379	5.3	190909.5	-1912.5	5469	9.7	192038.7	-1953.8
5200	9.5	184420.0	-1938.9	5290	9.6	185717.3	-1904.3	5380	8.8	190914.8	-1952.7	5470	9.8	192042.4	-1940.9
5201	8.7	184423.4	-1950.3	5291	9.6	185720.7	-1958.4	5381	9.7	190915.6	-1931.2	5471	8.5	192058.3	-1909.0
5202	8.3	184425.5	-1917.4	5292	8.0	185726.3	-1941.7	5382	9.8	190917.4	-1919.4	5472	9.5	192103.4	-1906.1
5203	9.5	184429.8	-1958.8	5293	9.1	185749.7	-1916.7	5383	9.8	190923.0	-1915.9	5473	9.5	192106.9	-1901.0
5204	8.8	184444.6	-1957.5	5294	9.5	185754.5	-1904.5	5384	9.0	190925.5	-1940.4	5474	9.1	192109.0	-1933.5
5205	9.5	184449.9	-1942.4	5295	8.7	185801.4	-1952.8	5385	10.	190928.7	-1924.1	5475	9.0	192111.3	-1947.1
5206	9.2	184454.3	-1955.2	5296	9.8	185816.5	-1917.6	5386	8.5	190933.8	-1923.8	5476	10.	192122.9	-1943.0
5207	9.8	184503.6	-1918.3	5297	9.8	185819.3	-1932.5	5387	8.0	190942.9	-1907.0	5477	9.5	192129.1	-1930.6
5208	9.2	184504.0	-1951.1	5298	9.8	185822.8	-1940.4	5388	8.5	190950.0	-1937.0	5478	10.	192132.0	-1929.8
5209	8.8	184505.2	-1937.5	5299	9.8	185831.6	-1957.0	5389	9.6	190953.4	-1919.4	5479	8.0	192132.5	-1951.4
5210	9.5	184513.5	-1942.4	5300	9.4	185834.4	-1908.1	5390	9.2	191002.0	-1919.6	5480	9.6	192136.7	-1921.5
5211	7.8	184514.9	-1957.8	5301	10.	185843.4	-1905.8	5391	9.5	191005.1	-1958.7	5481	9.5	192139.6	-1931.7
5212	9.3	184517.8	-1953.8	5302	9.2	185843.8	-1953.6	5392	8.8	191017.4	-1958.8	5482	8.2	192140.3	-1941.2
5213	9.1	184525.5	-1914.6	5303	9.8	185851.2	-1949.6	5393	9.3	191052.2	-1943.0	5483	9.8	192140.3	-1946.3
5214	9.4	184532.2	-1943.1	5304	8.8	185906.4	-1935.8	5394	30.0	191056.6	-1917.0	5484	9.5	192203.3	-1932.6
5215	9.5	184532.4	-1926.6	5305	9.4	185910.6	-1946.0	5395	9.1	191101.0	-1943.8	5485	9.8	192215.9	-1954.9
5216	9.4	184538.9	-1929.7	5306	9.5	185910.8	-1919.9	5396	9.4	191118.1	-1932.4	5486	9.4	192222.0	-1913.3
5217	9.5	184546.9	-1935.1	5307	9.8	185930.3	-1945.4	5397	9.8	191125.7	-1918.7	5487	9.6	192234.1	-1927.2
5218	9.4	184550.0	-1947.2	5308	9.9	185933.5	-1924.3	5398	8.0	191129.8	-1937.5	5488	9.5	192249.2	-1923.2
5219	9.2	184610.8	-1955.9	5309	9.0	185941.3	-1949.4	5399	9.3	191145.9	-1946.0	5489	9.5	192257.8	-1928.8
5220	9.1	184611.5	-1949.6	5310	9.5	185942.1	-1942.9	5400	9.5	191148.0	-1902.5	5490	9.6	192304.1	-1926.6
5221	10.	184621.0	-1902.8	5311	9.4	185944.1	-1907.9	5401	9.5	191149.1	-1932.5	5491	9.8	192305.3	-1921.7
5222	8.2	184629.0	-1948.7	5312	6.0	185946.5	-1930.7	5402	8.8	191157.2	-1907.5	5492	7.0	192314.8	-1941.5
5223	9.4	184644.2	-1957.6	5313	10.	185954.0	-1954.9	5403	9.1	191200.2	-1916.0	5493	10.	192322.4	-1915.3
5224	9.5	184644.9	-1937.6	5314	9.5	185959.1	-1908.6	5404	9.5	191203.5	-1949.1	5494	9.8	192325.4	-1912.2
5225	9.3	184645.0	-1928.7	5315	9.5	190001.5	-1958.1	5405	9.5	191205.9	-1925.5	5495	10.	192336.8	-1946.6
5226	9.0	184647.9	-1909.1	5316	9.5	190003.9	-1945.6	5406	9.2	191220.7	-1919.7	5496	9.2	192351.9	-1902.6
5227	9.2	184652.1	-1942.3	5317	7.4	190014.2	-1910.5	5407	9.3	191235.1	-1958.4	5497	9.3	192352.8	-1926.7
5228	9.3	184657.0	-1948.1	5318	9.5	190016.3	-1945.6	5408	9.1	191258.6	-1922.8	5498	9.4	192435.9	-1908.7
5229	9.5	184658.2	-1907.8	5319	9.3	190018.1	-1902.2	5409	9.1	191303.1	-1929.1	5499	9.0	192443.5	-1934.7
5230	9.9	184658.4	-1911.4	5320	9.3	190025.4	-1928.8	5410	9.1	191305.9	-1957.7	5500	9.8	192447.8	-1955.3
5231	9.4	184710.5	-1923.7	5321	9.5	190053.8	-1958.4	5411	9.5	191306.1	-1951.6	5501	9.8	192451.4	-1941.1
5232	9.3	184721.9	-1912.1	5322	9.5	190058.8	-1937.6	5412	6.5	191308.0	-1930.0	5502	10.	192504.0	-1918.5
5233	9.7	184732.0	-1934.7	5323	8.5	190059.4	-1938.1	5413	9.4	191321.5	-1937.4	5503	8.5	192517.9	-1910.1
5234	9.5	184753.2	-1906.5	5324	9.0	190106.4	-1912.2	5414	9.3	191326.2	-1905.3	5504	9.7	192519.7	-1953.9

-19 5505 19h25m

5505	8.5	192539.5	-1952.8	5595	9.2	193844.8	-1924.8	5685	9.3	195445.8	-1949.4	5775	9.5	201042.7	-1939.3
5506	10.	192546.9	-1939.1	5596	7.5	193853.7	-1905.6	5686	9.7	195457.0	-1907.4	5776	5.7	201101.6	-1933.8
5507	9.5	192600.3	-1959.1	5597	9.5	193901.1	-1900.9	5687	9.5	195508.7	-1927.5	5777	9.0	201103.2	-1935.1
5508	9.5	192614.9	-1959.2	5598	9.6	193908.5	-1958.2	5688	9.0	195513.7	-1921.7	5778	9.5	201112.6	-1914.7
5509	9.7	192615.2	-1921.3	5599	9.5	193913.4	-1915.0	5689	8.8	195523.3	-1911.6	5779	9.5	201128.7	-1957.2
5510	9.8	192628.4	-1940.8	5600	8.5	193919.7	-1933.8	5690	9.5	195543.5	-1920.7	5780	9.5	201149.1	-1936.8
5511	8.3	192629.4	-1904.5	5601	10.	193941.3	-1933.8	5691	9.5	195553.8	-1948.9	5781	9.8	201159.3	-1946.2
5512	9.8	192647.0	-1938.1	5602	9.5	193949.7	-1959.9	5692	9.5	195606.2	-1958.5	5782	9.5	201159.4	-1901.9
5513	8.9	192648.7	-1953.2	5603	10.	193950 1	-1945.2	5693	9.8	195613.6	-1903.1	5783	9.1	201203.9	-1959.8
5514	9.3	192706.9	-1947.2	5604	10.	193951.6	-1919.2	5694	9.3	195622.6	-1955.5	5784	9.2	201219.3	-1904.6
5515	9.0	192723.9	-1942.7	5605	9.4	193957.7	-1927.8	5695	9.6	195622.7	-1918.7	5785	9.1	201228.7	-1933.5
5516	8.8	192736.8	-1954.6	5606	8.8	193957.9	-1909.7	5696	9.3	195635.9	-1940.1	5786	9.5	201229.8	-1942.2
5517	8.7	192744.4	-1913.4	5607	9.6	194004.2	-1942.5	5697	7.8	195639.4	-1910.8	5787	9.8	201234.4	-1920.3
5518	9.4	192747.2	-1923.8	5608	9.5	194005.6	-1916.6	5698	9.5	195639.9	-1959.4	5788	8.9	201245.4	-1911.1
5519	9.9	192751.3	-1914.4	5609	9.5	194037.2	-1942.8	5699	9.5	195648.3	-1955.0	5789	9.8	201245.6	-1947.0
5520	9.3	192754.5	-1905.4	5610	9.5	194038.2	-1903.0	5700	9.0	195651.6	-1907.0	5790	9.9	201248.3	-1922.8
5521	5.8	192800.5	-1910.2	5611	9.5	194043.6	-1928.7	5701	9.5	195659.2	-1956.1	5791	9.5	201248.5	-1952.2
5522	9.3	192801.1	-1918.8	5612	8.8	194045.8	-1923.4	5702	10.	195703.1	-1949.9	5792	9.0	201257.4	-1900.7
5523	8.8	192812.5	-1934.3	5613	10.	194052.1	-1941.5	5703	9.2	195732.5	-1946.6	5793	9.0	201310.2	-1932.1
5524	9.5	192813.2	-1951.1	5614	10.	194059.2	-1940.9	5704	8.3	195740.1	-1906.5	5794	9.8	201333.9	-1902.5
5525	9.5	192819.2	-1937.3	5615	9.4	194110.7	-1946.0	5705	9.2	195740.9	-1908.0	5795	9.9	201335.3	-1921.3
5526	7.8	192823.4	-1905.7	5616	9.0	194121.2	-1943.5	5706	7.0	195749.7	-1953.5	5796	8.4	201401.6	-1908.6
5527	9.7	192831.8	-1949.6	5617	9.5	194126.9	-1929.6	5707	9.3	195816.0	-1936.1	5797	9.8	201411.0	-1951.4
5528	10.	192844.2	-1928.1	5618	9.0	194132.2	-1924.0	5708	9.4	195833.1	-1904.5	5798	9.3	201441.8	-1928.3
5529	10.	192845.9	-1945.1	5619	8.6	194142.8	-1915.1	5709	9.2	195834.3	-1912.2	5799	9.4	201448.0	-1959.1
5530	8.8	192846.6	-1903.2	5620	9.7	194148.8	-1901.6	5710	9.4	195839.0	-1951.5	5800	9.8	201507.9	-1915.4
5531	9.7	192858.0	-1914.2	5621	8.8	194202.4	-1930.0	5711	9.5	195839.3	-1929.1	5801	9.8	201517.2	-1937.5
5532	8.7	192907.0	-1920.4	5622	9.0	194206.7	-1939.0	5712	9.3	195841.6	-1929.4	5802	9.4	201521.6	-1953.3
5533	9.6	192932.5	-1943.6	5623	9.9	194214.3	-1938.3	5713	9.8	195854.2	-1939.1	5803	10.	201521.6	-1928.9
5534	8.5	192934.2	-1931.7	5624	9.9	194220.4	-1907.6	5714	7.8	195855.6	-1959.4	5804	9.2	201534.9	-1911.7
5535	9.2	192945.0	-1913.2	5625	9.2	194239.0	-1959.6	5715	10.	195907.3	-1903.7	5805	9.8	201541.7	-1954.8
5536	9.5	192946.2	-1928.4	5626	9.5	194245.1	-1916.2	5716	9.0	195908.4	-1944.9	5806	9.1	201603.7	-1954.0
5537	10.	192959.3	-1928.6	5627	9.6	194248.2	-1940.1	5717	9.8	195922.2	-1949.4	5807	9.4	201608.1	-1920.4
5538	9.3	193018.5	-1940.6	5628	7.8	194308.8	-1934.6	5718	8.7	195925.5	-1936.4	5808	9.1	201611.8	-1914.1
5539	10.	193024.2	-1929.4	5629	8.5	194332.4	-1909.0	5719	9.3	195937.9	-1944.2	5809	7.0	201641.6	-1953.4
5540	9.4	193026.6	-1934.5	5630	9.6	194343.4	-1930.4	5720	9.5	195949.5	-1959.3	5810	9.0	201643.8	-1910.0
5541	9.5	193027.2	-1946.4	5631	6.5	194346.5	-1924.5	5721	7.0	195949.9	-1912.7	5811	9.4	201657.3	-1936.0
5542	10.	193031.8	-1959.6	5632	8.8	194356.9	-1908.5	5722	9.0	200020.2	-1956.3	5812	9.6	201706.2	-1936.6
5543	9.3	193031.9	-1950.9	5633	9.4	194403.7	-1938.0	5723	9.5	200042.9	-1952.6	5813	7.7	201800.8	-1937.2
5544	9.0	193034.2	-1932.2	5634	8.3	194410.6	-1944.2	5724	8.5	200053.6	-1949.8	5814	9.6	201813.0	-1959.5
5545	8.8	193059.1	-1955.9	5635	9.5	194412.3	-1933.2	5725	9.5	200057.9	-19 6.9	5815	8.9	201829.6	-1918.9
5546	9.2	193116.8	-1921.9	5636	9.3	194432.0	-1904.8	5726	9.0	200110.8	-19 9.3	5816	9.2	201849.5	-1901.7
5547	7.8	193119.2	-1933.7	5637	8.9	194444.8	-1938.1	5727	9.1	200117.0	-1941.1	5817	8.8	201854.2	-1900.1
5548	9.4	193120.2	-1929.9	5638	9.8	194537.1	-1953.2	5728	9.8	200117.3	-1919.1	5818	9.4	201857.3	-1938.3
5549	9.4	193127.9	-1957.7	5639	9.0	194547.4	-1941.6	5729	9.6	200134.7	-1914.6	5819	9.5	201858.4	-1905.0
5550	9.1	193143.3	-1915.2	5640	9.2	194547.5	-1952.3	5730	9.0	200144.6	-1940.6	5820	9.4	201901.9	-1928.7
5551	9.6	193145.1	-1909.0	5641	9.4	194556.1	-1959.0	5731	7.0	200159.4	-1948.2	5821	10.	201910.8	-1903.3
5552	9.5	193210.4	-1919.2	5642	7.8	194605.4	-1918.5	5732	9.3	200246.3	-1921.5	5822	10.	201914.1	-1928.6
5553	8.6	193222.3	-1952.2	5643	8.8	194607.1	-1950.0	5733	9.6	200256.7	-1958.5	5823	9.4	201948.2	-1948.4
5554	9.5	193230.0	-1911.0	5644	9.4	194611.0	-1920.8	5734	10.	200258.6	-1904.0	5824	9.7	202007.9	-1931.5
5555	10.	193251.8	-1954.2	5645	9.5	194617.0	-1923.6	5735	9.6	200303.9	-1933.5	5825	9.7	202026.8	-1956.2
5556	9.8	193304.8	-1909.9	5646	9.8	194628.1	-1923.7	5736	9.6	200315.3	-1937.1	5826	9.5	202112.3	-1951.4
5557	10.	193307.4	-1920.7	5647	8.5	194636.9	-1908.5	5737	9.3	200337.3	-1921.3	5827	9.6	202116.2	-1922.0
5558	9.4	193310.6	-1956.3	5648	10.	194641.0	-1942.5	5738	9.8	200353.4	-1945.0	5828	9.7	202119.4	-1955.5
5559	9.3	193418.2	-1907.2	5649	10.	194648.1	-1942.9	5739	9.9	200407.2	-1900.1	5829	8.5	202123.5	-1933.9
5560	9.5	193425.0	-1900.4	5650	7.0	194657.8	-1939.8	5740	9.6	200421.2	-1910.7	5830	8.3	202133.7	-1903.6
5561	8.0	193445.2	-1927.3	5651	10.	194714.1	-1905.0	5741	9.6	200423.3	-1942.5	5831	7.1	202135.6	-1903.2
5562	10.	193447.0	-1949.7	5652	9.8	194719.2	-1936.9	5742	8.5	200425.2	-1908.9	5832	9.5	202145.1	-1908.5
5563	9.2	193449.4	-1910.4	5653	8.0	194732.2	-1914.9	5743	8.7	200428.6	-1931.1	5833	9.7	202201.3	-1921.5
5564	9.5	193501.3	-1907.5	5654	9.5	194737.7	-1917.1	5744	9.5	200428.7	-1948.5	5834	10.	202224.7	-1935.6
5565	9.0	193505.9	-1922.4	5655	9.8	194752.6	-1956.3	5745	9.8	200451.0	-1945.6	5835	8.7	202225.4	-1955.6
5566	9.6	193509.3	-1909.1	5656	9.0	194835.5	-1956.7	5746	9.4	200515.4	-1956.0	5836	9.6	202236.6	-1934.0
5567	9.4	193511.2	-1948.8	5657	9.5	194840.9	-1931.5	5747	10.	200548.5	-1947.4	5837	9.0	202240.1	-1936.2
5568	9.8	193517.9	-1959.5	5658	10.	194850.4	-1930.0	5748	9.8	200554.0	-1929.0	5838	9.6	202324.1	-1900.0
5569	9.8	193520.3	-1912.9	5659	9.0	194857.9	-1913.4	5749	9.7	200557.8	-1923.8	5839	9.8	202336.3	-1937.4
5570	9.8	193526.2	-1937.7	5660	9.6	194858.5	-1930.4	5750	9.5	200603.4	-1952.5	5840	9.7	202340.8	-1907.1
5571	9.5	193530.7	-1933.1	5661	8.6	194859.3	-1954.9	5751	9.5	200616.6	-1913.9	5841	9.6	202350.9	-1949.0
5572	9.8	193537.3	-1926.2	5662	9.7	194918.3	-1943.5	5752	9.8	200617.5	-1946.4	5842	9.6	202359.9	-1949.9
5573	9.8	193539.0	-1917.6	5663	9.3	194930.2	-1945.9	5753	8.0	200620.1	-1938.9	5843	9.3	202402.0	-1910.2
5574	10.	193553.3	-1953.3	5664	9.7	194937.3	-1938.5	5754	9.5	200643.3	-1958.9	5844	9.3	202402.2	-1945.6
5575	9.3	193556.3	-1959.8	5665	9.5	194949.2	-1907.0	5755	9.2	200657.3	-1910.5	5845	9.5	202427.5	-1946.3
5576	9.5	193601.4	-1918.5	5666	8.5	194951.0	-1900.1	5756	8.5	200720.0	-1921.4	5846	8.5	202442.1	-1947.1
5577	9.7	193602.5	-1959.6	5667	9.3	195041.7	-1955.3	5757	9.8	200723.1	-1915.4	5847	9.5	202457.4	-1928.0
5578	9.8	193624.9	-1945.2	5668	9.5	195047.2	-1942.1	5758	9.1	200739.7	-1959.0	5848	9.5	202525.0	-1948.8
5579	9.5	193631.1	-1929.3	5669	9.5	195050.4	-1937.6	5759	9.5	200756.1	-1917.4	5849	9.4	202528.7	-1937.2
5580	9.7	193643.0	-1953.7	5670	8.5	195050.5	-1959.6	5760	9.5	200759.0	-1943.1	5850	8.2	202549.6	-1946.5
5581	9.7	193643.6	-1921.4	5671	9.6	195143.2	-1919.0	5761	9.5	200803.4	-1901.7	5851	10.	202553.5	-1923.6
5582	9.8	193645.7	-1934.6	5672	10.	195143.5	-1900.6	5762	9.3	200814.6	-1941.5	5852	7.8	202606.9	-1953.2
5583	8.6	193653.0	-1911.8	5673	10.	195149.0	-1901.0	5763	9.3	200833.4	-1951.1	5853	9.3	202616.9	-1925.1
5584	10.	193723.3	-1925.7	5674	9.3	195207.6	-1903.4	5764	9.5	200833.9	-1950.0	5854	9.5	202640.0	-1917.1
5585	9.5	193729.5	-1943.9	5675	10.	195208.3	-1911.8	5765	9.5	200842.3	-1945.7	5855	9.6	202700.0	-1956.5
5586	9.7	193735.0	-1916.5	5676	9.8	195210.6	-1919.0	5766	8.5	200857.0	-1943.2	5856	9.1	202702.7	-1935.4
5587	9.7	193759.8	-1956.4	5677	10.	195212.3	-1952.5	5767	9.4	200901.3	-1904.8	5857	9.5	202704.8	-1933.9
5588	9.4	193801.3	-1944.2	5678	9.8	195226.2	-1908.3	5768	9.8	200905.7	-1926.6	5858	9.4	202705.6	-1916.9
5589	9.2	193801.5	-1928.5	5679	9.8	195250.4	-1952.9	5769	9.8	200911.9	-1920.1	5859	10.	202714.3	-1915.5
5590	9.8	193811.5	-1914.9	5680	7.3	195336.5	-1929.9	5770	9.5	200948.4	-1928.6	5860	9.6	202720.5	-1919.1
5591	10.	193814.0	-1924.8	5681	9.5	195345.3	-1940.8	5771	8.2	201005.6	-1944.0	5861	8.5	202722.7	-1934.7
5592	9.6	193816.3	-1925.5	5682	9.5	195400.3	-1901.7	5772	9.1	201010.0	-1949.4	5862	9.4	202728.2	-1941.9
5593	10.	193825.2	-1932.5	5683	8.6	195417.0	-1932.0	5773	9.4	201027.3	-1915.1	5863	9.7	202754.1	-1946.0
5594	9.8	193840.1	-1937.3	5684	9.5	195419.4	-1941.4	5774	9.5	201033.2	-1954.8	5864	9.3	202802.0	-1926.6

-19 5864 20h28m

-19 5865 20h28m

-19 6224 22h00m

5865	9.4	202838.8	-1938.9	5955	9.4	204558.1	-1958.8	6045	9.5	210337.0	-1904.6
5866	9.4	202846.1	-1957.0	5956	9.8	204601.0	-1918.0	6046	9.5	210352.8	-1946.0
5867	9.0	202908.7	-1945.1	5957	9.8	204613.5	-1942.5	6047	9.6	210400.1	-1921.4
5868	8.9	202930.1	-1916.5	5958	8.6	204616.8	-1923.5	6048	9.5	210431.4	-1947.3
5869	9.8	202951.4	-1936.2	5959	9.3	204624.9	-1953.9	6049	9.4	210432.9	-1900.4
5870	8.7	202953.8	-1917.8	5960	7.0	204631.1	-1920.3	6050	9.8	210444.8	-1947.3
5871	9.5	203007.7	-1957.3	5961	9.8	204701.8	-1905.1	6051	9.8	210455.1	-1932.1
5872	8.7	203010.3	-1908.6	5962	9.7	204704.4	-1912.4	6052	9.5	210501.7	-1944.9
5873	9.6	203014.1	-1926.6	5963	9.0	204711.2	-1929.8	6053	9.0	210532.8	-1935.6
5874	9.3	203033.3	-1941.0	5964	9.5	204722.0	-1941.7	6054	9.3	210538.2	-1922.1
5875	9.3	203036.7	-1942.3	5965	9.1	204727.7	-1934.8	6055	9.0	210554.3	-1926.8
5876	9.3	203053.5	-1950.9	5966	8.2	204730.6	-1907.8	6056	10.	210602.8	-1913.6
5877	7.8	203056.6	-1946.9	5967	8.9	204749.6	-1934.9	6057	10.	210634.7	-1934.7
5878	9.8	203057.2	-1911.8	5968	9.5	204841.4	-1954.2	6058	9.5	210734.3	-1925.1
5879	9.5	203109.0	-1917.0	5969	8.8	204858.0	-1920.5	6059	10.	210743.6	-1951.6
5880	9.6	203109.3	-1912.7	5970	9.1	204914.8	-1928.9	6060	9.5	210802.4	-1950.4
5881	9.1	203111.4	-1931.0	5971	9.0	204925.5	-1915.3	6061	9.0	210808.1	-1956.7
5882	9.4	203112.3	-1955.8	5972	9.8	204956.9	-1923.0	6062	9.3	210837.4	-1923.2
5883	9.5	203116.5	-1944.2	5973	9.7	204959.5	-1913.6	6063	9.0	210902.9	-1929.9
5884	10.	203124.0	-1950.6	5974	9.8	204959.5	-1945.3	6064	9.5	210931.4	-1931.1
5885	9.7	203125.8	-1959.4	5975	9.8	205019.0	-1952.0	6065	8.3	211001.2	-1918.0
5886	9.5	203128.5	-1916.0	5976	9.4	205027.2	-1941.5	6066	9.5	211003.5	-1928.7
5887	9.8	203206.4	-1941.0	5977	9.1	205044.1	-1942.6	6067	9.5	211022.9	-1934.5
5888	8.9	203217.0	-1903.7	5978	8.2	205048.4	-1928.3	6068	9.3	211023.5	-1950.3
5889	8.2	203231.5	-1917.3	5979	9.3	205058.7	-1943.7	6069	9.5	211033.4	-1905.5
5890	10.	203317.2	-1934.1	5980	9.2	205103.9	-1944.1	6070	9.5	211035.9	-1924.1
5891	9.5	203317.5	-1958.1	5981	9.6	205113.3	-1953.9	6071	10.	211043.8	-1948.4
5892	8.5	203326.1	-1934.2	5982	6.2	205120.8	-1935.8	6072	9.5	211204.2	-1957.1
5893	9.5	203340.4	-1935.0	5983	9.7	205136.7	-1957.5	6073	9.0	211208.3	-1932.7
5894	9.0	203351.7	-1949.0	5984	9.0	205152.3	-1935.3	6074	9.6	211219.5	-1932.3
5895	9.0	203358.8	-1906.3	5985	9.2	205201.8	-1936.2	6075	9.9	211221.1	-1912.0
5896	9.5	203414.2	-1922.5	5986	9.8	205207.6	-1947.8	6076	9.6	211236.0	-1933.0
5897	9.5	203425.7	-1946.2	5987	9.8	205210.8	-1922.8	6077	10.	211302.0	-1948.2
5898	9.5	203430.1	-1939.1	5988	9.2	205233.0	-1916.4	6078	9.0	211306.4	-1946.9
5899	9.5	203433.2	-1924.6	5989	9.8	205247.7	-1905.7	6079	8.8	211308.0	-1926.6
5900	9.8	203503.8	-1956.1	5990	9.4	205258.5	-1956.6	6080	9.0	211320.7	-1947.8
5901	9.1	203507.6	-1959.5	5991	8.3	205311.7	-1929.0	6081	8.0	211335.0	-1920.7
5902	9.0	203512.7	-1937.7	5992	9.5	205314.0	-1911.0	6082	9.8	211343.5	-1900.7
5903	9.1	203518.0	-1908.6	5993	9.5	205316.4	-1946.5	6083	9.0	211353.3	-1950.2
5904	9.5	203523.1	-1944.4	5994	9.6	205335.0	-1924.0	6084	9.2	211410.3	-1956.2
5905	7.3	203536.3	-1951.3	5995	8.9	205342.9	-1948.5	6085	10.	211443.0	-1929.0
5906	9.5	203551.7	-1914.6	5996	9.4	205355.3	-1954.5	6086	10.	211443.0	-1902.3
5907	9.8	203603.3	-1924.3	5997	9.4	205416.4	-1921.5	6087	9.5	211501.6	-1942.9
5908	9.5	203610.9	-1938.2	5998	7.0	205429.9	-1948.7	6088	9.7	211601.8	-1915.8
5909	9.0	203617.5	-1934.0	5999	8.5	205451.8	-1952.8	6089	9.7	211616.5	-1910.5
5910	9.2	203630.3	-1921.0	6000	9.8	205517.5	-1919.8	6090	9.7	211633.2	-1912.2
5911	10.	203650.0	-1937.1	6001	9.8	205534.4	-1919.5	6091	9.5	211647.2	-1940.8
5912	9.6	203653.6	-1933.3	6002	9.4	205541.1	-1902.8	6092	8.5	211647.9	-1934.0
5913	9.0	203713.3	-1934.8	6003	9.4	205542.6	-1921.7	6093	9.5	211728.0	-1939.9
5914	9.0	203729.4	-1941.6	6004	9.4	205542.9	-1902.1	6094	8.0	211734.8	-1912.4
5915	9.5	203743.0	-1929.0	6005	10	205545.1	-1956.8	6095	9.6	211753.2	-1931.5
5916	9.8	203743.7	-1926.6	6006	9.5	205549.8	-1954.2	6096	9.4	211825.3	-1926.4
5917	8.8	203748.4	-1939.8	6007	9.5	205557.8	-1914.0	6097	9.0	211852.4	-1901.3
5918	9.3	203749.3	-1936.3	6008	8.5	205601.3	-1905.6	6098	7.5	211853.3	-1940.8
5919	9.5	203801.2	-1927.9	6009	9.4	205607.9	-1953.5	6099	8.0	211904.1	-1956.4
5920	8.8	203811.1	-1920.2	6010	9.1	205617.5	-1917.0	6100	9.0	211936.9	-1948.8
5921	7.0	203820.2	-1958.0	6011	9.5	205653.7	-1949.6	6101	9.8	211940.7	-1900.5
5922	9.5	203822.8	-1946.1	6012	9.2	205655.0	-1917.4	6102	9.5	212002.8	-1944.1
5923	9.5	203825.9	-1937.6	6013	9.5	205709.0	-1920.7	6103	10.	212022.3	-1910.2
5924	9.1	203835.9	-1910.0	6014	9.3	205718.6	-1939.2	6104	9.2	212023.2	-1918.2
5925	8.0	203907.3	-1908.9	6015	9.5	205748.1	-1915.9	6105	10.	212144.4	-1921.5
5926	9.5	203926.7	-1930.3	6016	9.5	205754.5	-1953.8	6106	10.	212147.7	-1942.3
5927	9.5	203945.6	-1921.6	6017	9.7	205823.7	-1944.7	6107	6.5	212150.4	-1946.6
5928	6.5	203955.2	-1947.3	6018	9.6	205827.7	-1914.5	6108	9.8	212201.5	-1939.5
5929	9.7	204010.0	-1931.4	6019	9.7	205846.5	-1920.0	6109	9.3	212207.3	-1915.1
5930	9.5	204040.5	-1933.4	6020	9.8	205848.4	-1932.3	6110	9.5	212240.2	-1900.2
5931	9.7	204046.8	-1915.7	6021	9.8	205849.0	-1945.7	6111	9.7	212247.0	-1914.9
5932	9.2	204217.6	-1931.0	6022	8.2	205854.6	-1916.6	6112	8.8	212312.6	-1957.6
5933	9.7	204222.0	-1904.0	6023	9.5	205912.9	-1956.0	6113	7.3	212316.5	-1952.0
5934	9.3	204223.1	-1930.6	6024	7.0	205916.2	-1939.7	6114	9.0	212413.0	-1940.2
5935	9.4	204244.9	-1908.3	6025	9.1	205948.1	-1933.7	6115	9.8	212424.4	-1916.3
5936	9.5	204259.0	-1958.2	6026	9.0	205948.7	-1930.6	6116	8.7	212442.4	-1913.2
5937	9.7	204304.3	-1958.0	6027	9.4	205957.9	-1942.9	6117	8.7	212506.7	-1912.2
5938	9.5	204338.6	-1959.6	6028	8.3	210007.5	-1918.4	6118	9.8	212509.1	-1959.6
5939	9.5	204342.5	-1905.6	6029	9.2	210015.1	-1912.5	6119	9.1	212517.0	-1941.0
5940	8.8	204353.0	-1936.9	6030	9.5	210052.2	-1947.7	6120	9.2	212527.1	-1918.8
5941	9.5	204355.9	-1955.5	6031	9.8	210105.6	-1955.2	6121	10.	212540.5	-1932.4
5942	8.3	204404.6	-1917.0	6032	9.0	210120.0	-1900.3	6122	9.5	212557.1	-1943.5
5943	9.5	204427.9	-1930.9	6033	9.5	210138.9	-1908.1	6123	9.6	212610.9	-1904.7
5944	9.2	204430.7	-1910.1	6034	9.8	210139.9	-1916.1	6124	9.6	212616.9	-1902.4
5945	9.9	204432.8	-1915.3	6035	9.1	210139.9	-1909.7	6125	9.5	212622.6	-1950.0
5946	9.4	204442.4	-1909.5	6036	9.5	210143.5	-1926.3	6126	8.5	212711.1	-1952.5
5947	9.5	204445.9	-1946.7	6037	9.5	210208.8	-1959.2	6127	9.6	212711.8	-1940.5
5948	9.8	204506.0	-1906.8	6038	8.7	210211.4	-1902.8	6128	8.2	212725.5	-1924.8
5949	9.8	204512.8	-1903.7	6039	9.1	210225.3	-1950.7	6129	9.4	212805.6	-1937.8
5950	6.5	204515.7	-1939.5	6040	9.5	210229.2	-1926.3	6130	9.7	212808.5	-1919.0
5951	9.7	204519.6	-1919.5	6041	8.8	210248.1	-1935.4	6131	7.8	212816.4	-1902.4
5952	9.8	204531.3	-1921.4	6042	9.7	210311.6	-1929.1	6132	9.2	212835.9	-1918.3
5953	9.4	204533.6	-1919.9	6043	9.5	210325.7	-1918.1	6133	7.7	212852.3	-1923.2
5954	7.3	204550.4	-1932.4	6044	9.8	210335.0	-1906.0	6134	7.5	212915.0	-1904.8
6135	9.6	212924.2	-1922.5
6136	7.8	212930.7	-1952.3
6137	9.5	212947.9	-1913.8
6138	8.5	213035.6	-1920.1
6139	10.	213042.7	-1933.4
6140	9.1	213120.6	-1905.4
6141	8.5	213123.9	-1952.0
6142	9.5	213124.3	-1904.5
6143	9.3	213124.5	-1952.2
6144	9.6	213205.9	-1948.7
6145	8.6	213206.3	-1905.1
6146	7.5	213229.3	-1933.0
6147	9.3	213254.6	-1956.7
6148	9.4	213258.3	-1920.9
6149	9.5	213355.3	-1958.0
6150	9.8	213412.7	-1907.1
6151	9.5	213412.9	-1916.0
6152	5.0	213432.4	-1931.2
6153	9.5	213457.7	-1949.9
6154	9.8	213524.2	-1912.2
6155	9.5	213527.0	-1930.3
6156	8.9	213548.8	-1915.0
6157	9.4	213604.8	-1917.5
6158	9.1	213718.1	-1914.6
6159	10.	213844.9	-1946.7
6160	9.0	213848.8	-1904.1
6161	8.8	213919.1	-1944.2
6162	9.5	213921.4	-1920.5
6163	9.1	213937.1	-1929.4
6164	9.6	214011.1	-1919.7
6165	9.1	214014.3	-1902.2
6166	9.3	214041.5	-1927.3
6167	9.2	214056.6	-1916.0
6168	9.9	214104.8	-1900.2
6169	7.8	214116.9	-1903.7
6170	9.1	214130.6	-1916.9
6171	9.3	214131.4	-1919.8
6172	8.6	214155.7	-1922.1
6173	9.6	214316.9	-1904.4
6174	9.0	214321.3	-1931.9
6175	9.4	214334.6	-1919.5
6176	6.6	214338.0	-1917.5
6177	9.0	214345.2	-1931.1
6178	9.0	214404.8	-1948.6
6179	9.6	214411.9	-1928.2
6180	10.	214412.5	-1912.5
6181	9.0	214446.0	-1903.0
6182	9.5	214451.3	-1941.2
6183	9.5	214456.3	-1942.5
6184	8.8	214458.9	-1949.7
6185	9.9	214522.8	-1914.9
6186	9.5	214611.8	-1929.1
6187	9.6	214644.8	-1914.0
6188	9.7	214749.9	-1927.7
6189	9.3	214842.5	-1946.5
6190	8.0	214903.0	-1952.3
6191	8.9	214907.9	-1923.9
6192	10.	214910.4	-1910.7
6193	8.8	214916.5	-1934.8
6194	10.	214943.0	-1909.1
6195	9.8	214956.0	-1950.8
6196	9.5	214958.0	-1940.5
6197	10.	215013.9	-1901.1
6198	8.8	215025.8	-1914.7
6199	9.8	215137.6	-1922.4
6200	9.8	215203.0	-1926.6
6201	9.6	215216.4	-1912.6
6202	9.5	215256.6	-1913.8
6203	9.3	215312.6	-1917.2
6204	9.5	215312.7	-1958.3
6205	9.5	215339.6	-1943.5
6206	9.5	215341.1	-1956.0
6207	9.4	215431.2	-1939.5
6208	9.6	215517.7	-1931.2
6209	9.6	215543.8	-1957.8
6210	9.5	215619.6	-1908.2
6211	9.5	215648.7	-1930.5
6212	8.2	215652.8	-1946.3
6213	9.6	215707.5	-1956.6
6214	9.0	215713.6	-1932.5
6215	9.5	215728.5	-1916.8
6216	9.5	215738.1	-1948.2
6217	7.5	215748.7	-1922.0
6218	9.0	215754.8	-1937.8
6219	9.8	215833.8	-1929.8
6220	9.3	215837.9	-1936.7
6221	9.5	215850.4	-1949.9
6222	9.5	215914.9	-1922.3
6223	9.4	220006.0	-1956.8
6224	9.6	220014.7	-1906.9

6225	8.8	220021.9	-1947.9	6315	9.7	223203.4	-1911.8	6405	9.4	230022.7	-1955.7	6495	9.5	233403.3	-1945.2
6226	9.9	220050.2	-1938.2	6316	6.7	223212.2	-1956.9	6406	9.3	230045.5	-1901.3	6496	9.7	233405.7	-1912.4
6227	6.0	220101.2	-1913.4	6317	9.3	223256.0	-1939.0	6407	9.3	230058.4	-1954.7	6497	9.9	233524.8	-1939.2
6228	8.5	220108.7	-1911.2	6318	8.5	223401.9	-1919.1	6408	8.0	230102.0	-1932.2	6498	10.	233537.1	-1940.8
6229	9.8	220117.0	-1933.3	6319	8.6	223413.8	-1911.5	6409	8.8	230104.6	-1949.9	6499	10.	233636.9	-1943.3
6230	8.7	220121.0	-1941.5	6320	9.8	223514.7	-1902.0	6410	8.6	230144.1	-1924.6	6500	5.8	233640.5	-1904.7
6231	9.0	220129.7	-1908.9	6321	9.8	223521.2	-1900.2	6411	9.0	230159.1	-1956.5	6501	9.4	233646.8	-1955.2
6232	8.8	220130.7	-1909.6	6322	9.4	223542.9	-1947.5	6412	8.7	230223.1	-1929.1	6502	9.1	233702.9	-1935.7
6233	9.4	220210.2	-1938.2	6323	9.8	223546.7	-1919.2	6413	9.8	230226.2	-1946.5	6503	9.5	233709.1	-1906.8
6234	9.4	220214.8	-1905.6	6324	5.1	223546.7	-1935.0	6414	9.0	230310.6	-1942.4	6504	9.9	233737.9	-1932.8
6235	9.1	220220.6	-1955.7	6325	9.2	223558.1	-1928.8	6415	9.4	230320.2	-1931.0	6505	9.3	233749.6	-1904.5
6236	9.6	220309.3	-1906.3	6326	8.8	223609.4	-1902.4	6416	8.7	230322.1	-1925.6	6506	5.0	233828.9	-1928.8
6237	9.0	220319.8	-1938.3	6327	9.6	223618.7	-1941.3	6417	9.2	230358.7	-1905.1	6507	10.	233903.0	-1946.0
6238	9.4	220329.7	-1922.9	6328	9.2	223643.0	-1951.0	6418	9.8	230409.3	-1944.9	6508	9.1	233906.1	-1908.2
6239	9.4	220343.1	-1914.9	6329	10.	223702.6	-1902.4	6419	9.8	230412.2	-1928.1	6509	9.1	233908.5	-1933.8
6240	9.4	220423.3	-1948.7	6330	8.4	223704.5	-1934.8	6420	9.4	230418.6	-1917.3	6510	8.3	233936.9	-1958.5
6241	9.1	220431.4	-1958.1	6331	9.7	223723.2	-1945.1	6421	9.3	230458.7	-1933.2	6511	9.3	234046.6	-1953.1
6242	9.8	220453.7	-1913.9	6332	9.5	223737.8	-1932.2	6422	9.9	230459.5	-1937.2	6512	9.6	234046.0	-1900.8
6243	9.7	220520.8	-1917.5	6333	9.8	223807.5	-1909.1	6423	9.5	230514.0	-1915.4	6513	8.0	234100.3	-1941.5
6244	9.8	220537.9	-1949.8	6334	9.8	223827.2	-1910.4	6424	9.7	230529.7	-1918.4	6514	9.5	234121.4	-1956.8
6245	9.7	220543.3	-1949.3	6335	10.	223827.7	-1902.3	6425	7.3	230536.2	-1909.5	6515	9.2	234141.4	-1900.8
6246	9.2	220546.4	-1910.1	6336	8.0	223843.5	-1903.0	6426	8.5	230651.4	-1939.7	6516	9.4	234224.5	-1912.7
6247	9.8	220606.7	-1919.1	6337	8.5	223944.4	-1955.7	6427	10.	230753.5	-1946.7	6517	9.5	234252.7	-1949.5
6248	9.4	220622.3	-1937.4	6338	9.7	224002.1	-1915.1	6428	9.5	230916.9	-1924.2	6518	9.4	234302.1	-1903.9
6249	6.5	220623.3	-1957.3	6339	9.9	224015.2	-1901.1	6429	7.0	230919.0	-1939.7	6519	7.3	234316.8	-1905.7
6250	8.6	220647.8	-1924.4	6340	9.0	224024.3	-1947.4	6430	9.1	230933.4	-1933.4	6520	9.8	234322.1	-1915.2
6251	9.4	220654.9	-1931.0	6341	9.2	224102.3	-1951.2	6431	9.1	231003.0	-1932.5	6521	8.5	234339.2	-1951.1
6252	9.8	220748.2	-1912.7	6342	8.8	224105.1	-1922.4	6432	9.5	231038.5	-1933.3	6522	5.0	234351.7	-1942.9
6253	9.1	220757.4	-1946.4	6343	9.0	224132.9	-1910.0	6433	7.0	231050.5	-1937.6	6523	9.6	234401.5	-1910.7
6254	9.7	220814.0	-1950.7	6344	9.2	224142.3	-1934.7	6434	8.5	231054.1	-1910.9	6524	8.7	234425.2	-1928.2
6255	10.	220903.5	-1938.2	6345	9.8	224240.9	-1948.3	6435	9.7	231059.9	-1909.1	6525	8.8	234453.2	-1901.2
6256	9.2	220923.5	-1931.3	6346	8.5	224308.3	-1930.0	6436	9.3	231123.9	-1900.6	6526	9.4	234456.7	-1922.2
6257	9.8	220958.0	-1946.2	6347	9.2	224357.2	-1901.9	6437	9.1	231131.5	-1929.2	6527	7.5	234510.6	-1921.9
6258	9.4	221021.1	-1955.4	6348	9.5	224418.8	-1901.7	6438	8.6	231148.6	-1920.9	6528	10.	234513.1	-1912.3
6259	10.	221024.5	-1932.4	6349	8.7	224424.3	-1933.1	6439	9.1	231150.3	-1914.7	6529	9.8	234543.7	-1912.7
6260	9.7	221048.6	-1949.5	6350	9.2	224425.9	-1942.8	6440	9.8	231211.0	-1908.9	6530	8.7	234600.2	-1904.2
6261	9.4	221139.1	-1937.0	6351	7.5	224449.5	-1948.5	6441	10.	231217.5	-1904.6	6531	9.1	234605.3	-1910.6
6262	8.9	221235.1	-1956.2	6352	10.	224452.4	-1911.4	6442	10.	231303.6	-1958.2	6532	9.1	234615.9	-1901.2
6263	9.5	221236.0	-1927.9	6353	10.	224531.3	-1921.9	6443	9.3	231314.4	-1911.5	6533	7.8	234617.5	-1910.1
6264	9.4	221238.2	-1953.7	6354	9.5	224539.2	-1920.3	6444	7.5	231316.6	-1946.6	6534	9.3	234617.8	-1905.5
6265	8.0	221329.4	-1913.9	6355	9.5	224551.4	-1901.8	6445	7.3	231317.4	-1920.1	6535	9.7	234638.2	-1937.0
6266	9.2	221428.1	-1900.4	6356	9.8	224616.6	-1942.4	6446	10.	231320.1	-1928.2	6536	9.6	234643.5	-1905.2
6267	10.	221643.7	-1949.9	6357	6.4	224618.5	-1956.7	6447	10.	231500.9	-1945.1	6537	9.5	234651.3	-1915.2
6268	9.9	221701.4	-1958.6	6358	10.	224619.6	-1944.2	6448	8.2	231606.8	-1954.2	6538	9.4	234721.8	-1923.7
6269	9.7	221707.9	-1956.0	6359	9.2	224640.2	-1948.8	6449	9.5	231617.7	-1912.1	6539	10.	234725.9	-1911.7
6270	9.0	221719.3	-1939.6	6360	9.8	224646.4	-1955.5	6450	6.7	231628.9	-1929.0	6540	8.5	234726.6	-1956.2
6271	9.5	221735.8	-1924.7	6361	9.9	224707.7	-1933.7	6451	9.9	231712.0	-1913.1	6541	9.0	234727.4	-1932.6
6272	9.5	221750.8	-1926.1	6362	9.8	224716.7	-1925.5	6452	9.4	231726.0	-1936.0	6542	9.7	234826.9	-1917.9
6273	8.5	221811.9	-1905.2	6363	9.5	224752.9	-1932.3	6453	10.	231843.6	-1930.6	6543	9.5	234933.0	-1953.7
6274	9.1	221817.4	-1955.1	6364	9.4	224805.1	-1931.7	6454	9.5	231914.5	-1922.4	6544	9.0	234949.8	-1912.1
6275	8.0	221823.8	-1917.9	6365	9.6	224820.4	-1927.6	6455	10.	231920.1	-1942.8	6545	9.4	235003.1	-1915.4
6276	9.2	221833.8	-1924.5	6366	9.1	224823.0	-1908.2	6456	9.5	231927.8	-1959.9	6546	9.4	235035.9	-1946.5
6277	9.4	221845.1	-1945.5	6367	9.8	224829.5	-1959.6	6457	9.2	231933.6	-1938.0	6547	9.5	235100.2	-1913.7
6278	9.0	221849.8	-1923.6	6368	10.	224833.2	-1917.2	6458	9.2	232014.7	-1951.2	6548	9.4	235105.4	-1945.8
6279	9.6	221856.6	-1944.9	6369	9.7	224908.6	-1920.9	6459	10.	232042.5	-1922.4	6549	8.0	235143.6	-1920.6
6280	9.2	221926.9	-1941.1	6370	9.7	224910.2	-1915.6	6460	10.	232054.1	-1941.9	6550	9.5	235151.0	-1921.7
6281	9.1	222057.8	-1927.6	6371	10.	224939.2	-1957.4	6461	9.6	232056.8	-1910.9	6551	9.3	235214.6	-1916.7
6282	9.5	222145.5	-1945.8	6372	9.6	224951.6	-1943.0	6462	9.6	232101.6	-1942.5	6552	9.1	235221.9	-1933.4
6283	9.8	222149.0	-1906.5	6373	8.8	225012.5	-1908.2	6463	9.4	232128.6	-1934.9	6553	8.5	235222.8	-1918.9
6284	9.7	222149.5	-1946.0	6374	8.7	225018.1	-1944.6	6464	8.8	232209.6	-1918.9	6554	9.6	235246.1	-1953.3
6285	9.5	222158.4	-1937.9	6375	8.7	225019.6	-1928.5	6465	9.4	232220.7	-1903.9	6555	9.6	235254.8	-1921.8
6286	9.9	222206.0	-1925.2	6376	8.6	225028.2	-1909.8	6466	9.3	232225.2	-1929.6	6556	9.8	235309.7	-1922.7
6287	9.3	222207.2	-1903.2	6377	9.8	225029.3	-1901.1	6467	8.6	232301.3	-1929.6	6557	9.7	235327.0	-1940.1
6288	9.8	222211.2	-1945.8	6378	9.3	225103.0	-1923.0	6468	9.5	232348.8	-1946.3	6558	9.0	235347.6	-1949.3
6289	9.3	222212.1	-1908.9	6379	9.1	225159.7	-1941.5	6469	9.5	232443.2	-1922.8	6559	10.	235404.1	-1920.9
6290	9.8	222258.0	-1942.2	6380	9.1	225211.8	-1952.7	6470	8.6	232447.4	-1951.0	6560	9.2	235408.6	-1957.1
6291	8.7	222259.2	-1955.8	6381	9.1	225223.4	-1915.5	6471	9.3	232531.4	-1948.1	6561	10.	235447.8	-1902.3
6292	9.1	222316.1	-1948.8	6382	9.9	225232.1	-1929.7	6472	8.4	232555.9	-1956.7	6562	9.7	235733.6	-1940.8
6293	9.5	222316.9	-1915.1	6383	9.1	225328.2	-1958.1	6473	9.2	232559.4	-1910.7	6563	9.2	235739.4	-1916.6
6294	9.8	222337.0	-1918.3	6384	8.9	225343.2	-1905.1	6474	9.2	232640.7	-1911.6	6564	9.1	235802.5	-1923.7
6295	9.7	222343.8	-1918.7	6385	9.6	225359.8	-1940.7	6475	9.5	232735.4	-1933.8	6565	9.6	235819.1	-1907.5
6296	9.8	222427.6	-1932.6	6386	8.7	225424.0	-1914.9	6476	8.5	232737.4	-1922.2	6566	9.8	235911.3	-1913.3
6297	9.8	222436.3	-1942.5	6387	8.5	225434.9	-1943.6	6477	9.8	232738.9	-1942.1	6567	9.0	235921.6	-1936.7
6298	9.7	222511.5	-1917.1	6388	7.0	225454.0	-1919.3	6478	9.0	232820.0	-1944.8	6568	9.8	235929.8	-1938.1
6299	8.0	222619.1	-1925.5	6389	10.	225505.8	-1915.7	6479	9.6	232921.2	-1908.0	6569	9.8	235935.9	-1915.6
6300	8.0	222632.3	-1947.4	6390	10.	225513.4	-1910.6	6480	9.4	232921.6	-1918.6	6570	9.3	235937.2	-1937.8
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6303	8.3	222718.9	-1910.1	6393	9.2	225551.2	-1942.3	6483	9.8	233139.4	-1908.9	3	9.1	00055.2	-2001.0
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6305	9.9	222824.5	-1900.5	6395	8.9	225712.6	-1923.3	6485	9.0	233156.7	-1952.6	5	9.8	00146.3	-2043.5
6306	8.2	222846.5	-1901.2	6396	9.8	225724.5	-1932.2	6486	9.6	233211.7	-1930.2	6	10.	00148.4	-2018.5
6307	9.4	222901.3	-1945.0	6397	9.2	225729.3	-1909.0	6487	9.1	233224.7	-1938.2	7	9.9	00158.0	-2012.2
6308	9.2	222905.3	-1938.3	6398	8.7	225758.4	-1908.6	6488	9.2	233243.3	-1959.9	8	9.5	00215.9	-2026.5
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6310	9.6	223032.4	-1936.1	6400	9.7	225839.5	-1907.9	6490	9.8	233308.2	-1934.0	10	9.1	00339.1	-2012.8
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6312	9.2	223055.5	-1938.1	6402	9.5	225926.1	-1958.5	6492	9.9	233351.2	-1914.5	12	9.7	00348.8	-2058.5
6313	9.4	223105.4	-1944.3	6403	9.5	225936.8	-1902.6	6493	9.3	233352.6	-1920.4	13	9.7	00402.1	-2000.3
6314	8.7	223149.0	-1952.7	6404	8.7	230020.4	-1959.3	6494	9.8	233355.5	-1907.8	14	9.5	00402.5	-2015.7

-20 15 0h04m

-20 374 1h50m

15	9.6	00415.5 -2025.9	105	9.5	03059.6 -2022.1	195	10.	05906.9 -2011.2	285	8.7	12522.2 -2021.1
16	9.0	00426.4 -2030.8	106	9.5	03059.7 -2008.5	196	8.5	05909.3 -2050.0	286	9.8	12557.8 -2019.5
17	10.	00427.2 -2018.4	107	9.8	03102.7 -2050.0	197	9.7	05914.2 -2002.7	287	9.3	12608.6 -2046.3
18	10.	00450.9 -2013.8	108	9.3	03115.0 -2051.1	198	9.0	05922.8 -2050.0	288	9.1	12612.1 -2030.5
19	10.	00451.1 -2022.5	109	8.7	03121.9 -2032.1	199	9.9	05940.4 -2043.5	289	9.8	12625.2 -2027.6
20	8.9	00516.1 -2000.0	110	9.6	03126.8 -2056.9	200	9.9	10000.2 -2030.8	290	8.8	12626.3 -2050.9
21	9.8	00522.0 -2058.2	111	9.8	03149.3 -2048.9	201	10.	10000.5 -2049.8	291	9.5	12630.2 -2042.3
22	10.	00535.7 -2008.5	112	8.5	03157.0 -2053.1	202	9.8	10002.9 -2022.5	292	9.8	12636.7 -2003.4
23	9.5	00550.6 -2039.1	113	9.0	03202.4 -2039.6	203	8.0	10034.6 -2004.9	293	9.1	12713.3 -2001.9
24	9.5	00601.6 -2022.5	114	9.3	03228.0 -2036.4	204	9.1	10059.4 -2050.8	294	9.5	12740.4 -2049.3
25	9.3	00605.6 -2047.4	115	9.4	03230.5 -2038.4	205	9.4	10105.1 -2048.2	295	9.5	12819.5 -2045.0
26	10.	00631.0 -2047.1	116	10.	03307.0 -2028.6	206	9.8	10122.5 -2055.7	296	9.2	12934.2 -2021.7
27	9.8	00702.1 -2023.8	117	9.7	03355.6 -2039.5	207	9.0	10153.0 -2009.2	297	9.9	12955.3 -2018.0
28	9.7	00715.2 -2037.3	118	8.9	03403.5 -2039.9	208	9.0	10155.1 -2059.8	298	7.8	13015.4 -2006.5
29	9.9	00754.3 -2044.6	119	9.5	03411.6 -2013.4	209	8.4	10226.0 -2009.9	299	9.7	13042.2 -2047.0
30	9.5	00812.7 -2014.9	120	9.5	03502.3 -2057.1	210	9.0	10241.1 -2059.6	300	9.7	13045.0 -2038.0
31	10.	00837.7 -2007.2	121	9.1	03509.6 -2031.8	211	9.3	10315.2 -2049.1	301	9.6	13150.4 -2006.0
32	8.0	00900.3 -2012.0	122	9.0	03525.4 -2025.7	212	9.5	10351.2 -2032.9	302	9.8	13151.4 -2049.4
33	9.2	00957.2 -2008.4	123	7.0	03527.9 -2059.3	213	10.	10357.9 -2029.6	303	9.9	13213.9 -2044.7
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36	9.1	01030.1 -2018.6	126	9.9	03702.2 -2012.5	216	9.7	10447.6 -2019.7	306	9.5	13322.4 -2059.3
37	9.8	01108.4 -2001.7	127	9.8	03735.7 -2031.2	217	9.7	10508.7 -2043.3	307	9.2	13332.3 -2052.1
38	9.1	01117.9 -2037.0	128	8.3	03745.5 -2005.5	218	9.7	10537.0 -2010.6	308	9.0	13333.7 -2022.3
39	8.9	01124.0 -2009.7	129	8.7	03908.5 -2053.5	219	9.6	10609.8 -2014.8	309	8.7	13342.0 -2049.8
40	9.5	01144.9 -2021.2	130	8.7	03928.6 -2013.2	220	8.5	10635.8 -2046.8	310	9.0	13403.9 -2015.1
41	9.0	01202.3 -2055.7	131	8.7	03929.1 -2044.9	221	9.7	10657.7 -2006.7	311	8.7	13421.6 -2040.3
42	8.8	01225.5 -2026.8	132	9.3	03949.9 -2033.9	222	9.8	10700.0 -2010.0	312	9.8	13426.9 -2042.2
43	10.	01225.8 -2043.3	133	8.3	04006.8 -2045.4	223	8.6	10759.3 -2027.2	313	9.5	13448.9 -2017.0
44	9.1	01231.4 -2059.0	134	9.4	04017.9 -2029.2	224	10.	10829.3 -2033.2	314	9.4	13452.1 -2034.1
45	9.3	01255.0 -2049.4	135	9.5	04048.5 -2012.7	225	10.	10837.0 -2014.2	315	10.	13454.6 -2028.0
46	9.4	01256.7 -2009.8	136	9.8	04131.1 -2052.3	226	9.5	10844.0 -2001.8	316	8.2	13534.5 -2005.1
47	10.	01320.6 -2004.0	137	10.	04133.4 -2012.3	227	8.3	10900.6 -2034.4	317	9.3	13536.0 -2058.7
48	7.8	01331.9 -2043.7	138	8.8	04145.5 -2029.8	228	9.6	10932.5 -2056.5	318	7.0	13540.9 -2054.5
49	9.5	01352.2 -2006.0	139	10.	04148.4 -2001.8	229	8.3	10940.8 -2052.5	319	10.	13544.1 -2026.5
50	5.5	01423.4 -2051.3	140	9.8	04205.6 -2041.9	230	9.3	11023.4 -2015.4	320	10.	13559.9 -2017.0
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52	9.1	01446.5 -2059.4	142	9.3	04232.9 -2043.5	232	10.	11043.7 -2042.4	322	9.2	13614.7 -2043.6
53	9.8	01601.2 -2007.1	143	9.4	04234.0 -2034.6	233	9.0	11059.5 -2024.7	323	10.	13626.3 -2039.2
54	9.9	01627.6 -2052.1	144	9.8	04241.9 -2011.4	234	7.5	11125.7 -2057.4	324	8.3	13635.4 -2008.1
55	9.3	01639.7 -2042.6	145	9.7	04242.7 -2023.6	235	7.8	11130.5 -2007.5	325	9.8	13643.3 -2037.5
56	8.8	01726.7 -2039.3	146	9.2	04325.6 -2041.7	236	9.7	11132.6 -2044.1	326	9.6	13707.2 -2031.0
57	8.3	01736.8 -2044.7	147	9.3	04419.3 -2053.9	237	9.0	11135.5 -2029.4	327	9.7	13725.1 -2026.9
58	10.	01746.8 -2014.1	148	8.3	04451.7 -2012.5	238	9.8	11140.6 -2045.0	328	9.3	13735.5 -2008.4
59	7.7	01818.3 -2043.8	149	7.8	04520.7 -2041.0	239	9.3	11145.6 -2009.3	329	9.5	13751.3 -2046.8
60	9.0	01912.7 -2036.6	150	9.5	04521.1 -2015.8	240	9.9	11151.1 -2053.3	330	8.5	13751.7 -2052.7
61	9.2	01915.2 -2047.7	151	9.2	04536.1 -2042.6	241	10.	11151.7 -2032.3	331	9.0	13813.5 -2046.4
62	9.5	01938.4 -2016.1	152	10.	04542.1 -2008.0	242	9.1	11205.5 -2018.2	332	9.5	13843.2 -2030.2
63	9.5	01945.3 -2017.8	153	9.5	04558.1 -2045.7	243	9.2	11208.1 -2041.4	333	9.2	13845.9 -2036.6
64	9.6	01951.9 -2017.8	154	9.8	04615.4 -2052.5	244	9.2	11214.2 -2052.1	334	9.2	13927.7 -2058.8
65	9.6	01958.4 -2017.8	155	9.8	04616.6 -2000.9	245	9.8	11237.2 -2046.6	335	9.5	13933.3 -2021.1
66	9.5	02000.9 -2015.2	156	10.	04617.9 -2007.8	246	9.2	11305.6 -2037.9	336	9.6	13950.2 -2042.8
67	6.5	02018.7 -2056.3	157	9.5	04625.4 -2053.1	247	10.	11313.2 -2038.4	337	10.	13952.5 -2044.5
68	9.8	02023.9 -2027.0	158	9.3	04640.1 -2006.9	248	9.1	11324.7 -2018.2	338	10.	13953.1 -2033.4
69	9.0	02026.5 -2007.1	159	9.3	04701.0 -2054.8	249	7.3	11326.2 -2042.2	339	9.5	14010.7 -2011.5
70	9.8	02027.3 -2027.7	160	9.8	04703.2 -2027.3	250	9.8	11338.1 -2011.8	340	9.8	14042.2 -2052.4
71	9.6	02029.2 -2017.4	161	9.5	04738.3 -2015.4	251	9.4	11409.1 -2005.7	341	9.3	14104.3 -2056.8
72	9.5	02029.6 -2046.2	162	10.	04759.3 -2034.2	252	10.	11419.2 -2016.1	342	9.5	14158.4 -2020.9
73	9.6	02035.7 -2002.5	163	9.1	04809.0 -2055.1	253	10.	11419.5 -2005.2	343	9.9	14219.9 -2058.5
74	9.3	02116.6 -2040.1	164	9.1	04825.9 -2037.8	254	9.3	11444.2 -2027.5	344	9.7	14233.9 -2056.0
75	10.	02137.5 -2015.0	165	9.6	04832.9 -2035.7	255	10.	11452.1 -2033.0	345	9.8	14238.9 -2021.0
76	10.	02146.5 -2003.1	166	9.5	04909.4 -2034.8	256	8.5	11516.7 -2020.4	346	9.3	14245.4 -2022.1
77	9.0	02156.5 -2020.4	167	7.8	04919.8 -2013.9	257	9.7	11521.6 -2045.2	347	8.8	14259.1 -2001.7
78	9.7	02211.7 -2036.4	168	9.0	04919.9 -2039.3	258	10.	11624.4 -2006.4	348	10.	14320.0 -2026.4
79	9.2	02221.1 -2010.1	169	9.0	04959.4 -2006.8	259	8.8	11626.1 -2020.9	349	8.7	14325.6 -2036.0
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81	8.6	02303.9 -2039.0	171	9.5	05027.3 -2000.5	261	9.8	11716.8 -2036.0	351	8.7	14339.4 -2045.9
82	9.6	02338.0 -2051.8	172	8.8	05027.7 -2045.1	262	8.2	11718.7 -2017.5	352	10.	14402.5 -2022.0
83	10.	02413.1 -2010.5	173	9.7	05104.9 -2004.0	263	10.	11725.5 -2039.7	353	10.	14403.8 -2041.6
84	8.8	02526.6 -2036.5	174	7.0	05134.5 -2025.1	264	10.	11807.3 -2026.4	354	9.2	14431.7 -2038.5
85	10.	02552.2 -2040.5	175	7.8	05153.0 -2006.8	265	9.1	11836.7 -2048.0	355	10.	14506.3 -2007.5
86	8.0	02602.1 -2017.8	176	10.	05208.9 -2033.4	266	9.3	11844.7 -2046.5	356	9.3	14528.7 -2034.9
87	9.8	02628.7 -2022.8	177	10.	05211.4 -2003.5	267	9.7	11854.3 -2008.3	357	9.6	14547.1 -2030.8
88	9.5	02652.7 -2025.7	178	9.2	05258.8 -2047.9	268	10.	11912.8 -2035.8	358	7.5	14556.4 -2013.4
89	8.6	02709.3 -2007.8	179	8.0	05318.1 -2010.2	269	8.3	11949.3 -2024.0	359	9.4	14619.6 -2030.1
90	9.6	02718.7 -2047.5	180	10.	05321.2 -2046.5	270	9.8	12037.2 -2015.3	360	9.1	14642.0 -2017.6
91	9.5	02758.7 -2034.7	181	7.2	05332.5 -2052.5	271	8.5	12102.9 -2033.3	361	9.8	14647.8 -2054.0
92	9.4	02844.5 -2001.6	182	9.9	05332.7 -2034.3	272	9.6	12105.3 -2033.5	362	9.5	14650.9 -2027.0
93	9.2	02859.2 -2028.3	183	8.0	05438.1 -2011.8	273	10.	12121.5 -2049.0	363	9.5	14713.2 -2036.2
94	9.8	02903.3 -2025.0	184	9.8	05451.5 -2001.7	274	8.9	12221.0 -2027.8	364	10.	14747.2 -2007.1
95	9.4	02953.0 -2016.1	185	10.	05451.6 -2024.1	275	9.0	12235.9 -2034.1	365	9.9	14751.6 -2056.8
96	9.0	02957.9 -2031.1	186	8.2	05458.2 -2026.7	276	9.8	12252.6 -2026.5	366	9.3	14810.8 -2013.1
97	7.8	03007.9 -2021.7	187	10.	05557.2 -2010.8	277	8.5	12301.2 -2020.7	367	9.5	14822.2 -2058.1
98	9.8	03012.1 -2048.2	188	10.	05635.2 -2025.3	278	9.8	12303.3 -2049.4	368	9.3	14851.6 -2053.0
99	10.	03017.6 -2001.4	189	9.3	05710.9 -2034.3	279	9.8	12313.0 -2028.7	369	9.3	14926.0 -2009.4
100	10.	03025.0 -2008.3	190	9.3	05754.9 -2042.9	280	10.	12334.7 -2043.7	370	9.3	14928.1 -2025.8
101	9.5	03027.1 -2043.4	191	8.2	05806.3 -2037.8	281	10.	12340.2 -2018.0	371	9.5	14945.7 -2034.6
102	9.5	03030.4 -2012.5	192	9.0	05830.8 -2020.8	282	8.8	12424.0 -2032.9	372	9.9	14957.0 -2029.2
103	9.4	03056.2 -2043.3	193	9.5	05844.4 -2034.0	283	9.6	12443.7 -2043.5	373	9.8	15028.2 -2052.3
104	10.	03057.3 -2040.0	194	8.5	05855.3 -2021.7	284	9.3	12457.0 -2014.2	374	10.	15037.2 -2033.7

375	9.4	15051.4	-2037.2	465	8.5	22213.1	-2038.3	555	10.	25106.1	-2003.0	645	8.5	32136.7	-2015.0
376	9.5	15119.6	-2055.7	466	9.7	22216.6	-2036.5	556	9.8	25108.1	-2040.2	646	9.0	32223.9	-2028.6
377	9.1	15148.9	-2028.3	467	9.3	22221.7	-2022.6	557	9.8	25115.5	-2008.4	647	9.5	32235.3	-2057.7
378	8.7	15252.7	-2055.0	468	9.9	22301.0	-2053.0	558	9.7	25132.5	-2040.9	648	7.0	32254.1	-2003.0
379	9.9	15308.9	-2023.9	469	9.8	22406.2	-2014.6	559	10.	25135.9	-2029.3	649	8.9	32323.8	-2002.9
380	9.8	15315.0	-2021.1	470	9.5	22447.3	-2040.4	560	9.6	25157.9	-2004.9	650	8.9	32324.9	-2008.0
381	10.	15342.1	-2035.0	471	9.5	22502.9	-2032.1	561	10.	25240.0	-2037.0	651	9.5	32340.5	-2034.6
382	9.4	15345.8	-2057.2	472	10.	22508.4	-2012.0	562	9.4	25246.3	-2040.1	652	9.4	32410.0	-2016.0
383	10.	15349.4	-2023.2	473	10.	22526.2	-2035.4	563	9.8	25247.8	-2014.4	653	9.4	32410.1	-2047.6
384	9.5	15405.3	-2016.5	474	9.5	22537.6	-2023.5	564	9.0	25319.5	-2004.2	654	9.2	32416.8	-2020.2
385	9.1	15505.1	-2025.9	475*	9.4	22548.3	-2006.9	565	9.1	25324.3	-2020.7	655	9.2	32425.0	-2030.3
386	9.5	15535.9	-2012.8	476	9.0	22552.9	-2048.9	566	9.4	25326.4	-2027.1	656	9.3	32445.4	-2041.3
387	9.8	15548.0	-2017.0	477*	9.3	22613.2	-2058.6	567	9.5	25406.6	-2006.6	657	9.8	32500.5	-2053.0
388	9.0	15601.5	-2019.6	478	9.0	22629.6	-2017.9	568	9.7	25430.6	-2042.1	658	9.2	32525.6	-2014.2
389	9.5	15635.2	-2045.3	479	9.8	22639.0	-2008.7	569	9.0	25449.0	-2034.5	659	8.0	32526.3	-2051.4
390	9.5	15652.7	-2053.8	480	6.7	22658.8	-2038.1	570	8.8	25541.0	-2028.8	660	9.4	32647.2	-2001.4
391	8.9	15654.4	-2035.2	481	8.5	22704.6	-2015.0	571	9.2	25542.7	-2040.7	661	8.6	32711.6	-2033.6
392	9.8	15713.5	-2045.3	482	8.7	22722.8	-2039.2	572	9.3	25611.9	-2017.5	662	9.1	32728.6	-2038.7
393	8.3	15727.1	-2003.9	483	9.2	22829.3	-2022.7	573	9.5	25624.0	-2023.3	663	8.3	32730.0	-2051.7
394	9.8	15840.6	-2045.5	484	9.4	22835.4	-2039.2	574	8.5	25640.7	-2010.3	664	9.8	32734.0	-2052.5
395	9.4	15857.0	-2042.5	485	9.3	22856.7	-2024.5	575	8.4	25646.3	-2047.7	665	9.4	32735.0	-2005.9
396	8.9	15901.6	-2005.5	486	9.8	22902.2	-2031.2	576	9.0	25700.8	-2009.6	666	9.5	32744.8	-2009.4
397	10.	15910.4	-2057.4	487	9.5	22904.2	-2011.7	577	9.4	25714.1	-2000.2	667	10.	32802.4	-2050.7
398	9.4	15958.8	-2024.5	488	9.1	22907.9	-2031.4	578	9.5	25808.5	-2053.0	668	9.8	32803.2	-2035.7
399	9.6	20001.8	-2023.7	489	10.	22924.4	-2000.4	579	9.1	25921.3	-2057.8	669	10.	32805.5	-2053.7
400	9.8	20011.0	-2030.8	490	8.9	22942.3	-2026.7	580	9.4	25922.4	-2008.0	670	10.	32806.8	-2025.9
401	10.	20017.5	-2031.0	491	9.0	22950.8	-2027.4	581	9.8	25932.5	-2013.1	671	10.	32821.1	-2005.4
402	9.8	20034.3	-2027.2	492	7.2	23009.4	-2045.6	582	10.	30004.6	-2018.6	672	9.6	32824.2	-2037.5
403	9.5	20124.5	-2053.6	493	9.7	23010.1	-2020.9	583	9.5	30033.6	-2021.1	673	8.9	32827.5	-2019.4
404	7.3	20227.8	-2015.0	494	9.3	23010.3	-2036.6	584	10.	30102.4	-2037.4	674	9.2	32909.3	-2004.7
405	9.5	20249.0	-2054.9	495	8.9	23126.5	-2049.2	585	9.6	30118.8	-2021.5	675	9.4	32912.9	-2011.2
406	8.7	20251.7	-2017.7	496	9.5	23148.2	-2051.4	586	9.2	30125.2	-2008.0	676	8.7	32918.1	-2030.6
407	8.8	20301.1	-2057.7	497	9.4	23223.4	-2053.0	587	9.6	30131.2	-2000.2	677	8.2	32926.7	-2038.0
408	8.5	20348.4	-2052.8	498	8.2	23237.1	-2047.6	588	8.5	30142.7	-2058.5	678	10.	32933.1	-2041.8
409	10.	20411.5	-2029.6	499	9.4	23247.7	-2040.3	589	8.8	30142.9	-2014.6	679	10.	33047.9	-2007.3
410	9.4	20445.9	-2003.4	500	9.3	23440.0	-2019.1	590	10.	30251.4	-2029.6	680	8.5	33117.2	-2057.2
411	8.8	20448.4	-2015.1	501	9.0	23454.9	-2012.9	591	7.9	30302.9	-2034.5	681	9.2	33120.8	-2046.1
412	9.0	20502.3	-2006.3	502	8.8	23513.0	-2049.2	592	7.5	30313.1	-2000.8	682	9.3	33127.0	-2013.8
413	9.5	20605.2	-2010.3	503	9.4	23521.5	-2001.1	593	9.5	30349.3	-2026.0	683	9.8	33129.8	-2045.5
414	9.5	20620.0	-2050.8	504	8.9	23539.1	-2003.3	594	8.9	30353.9	-2045.9	684	7.3	33221.9	-2041.3
415	8.9	20622.5	-2045.9	505	9.0	23612.4	-2040.1	595	9.4	30359.1	-2009.7	685	8.5	33301.3	-2035.2
416	10.	20643.7	-2018.5	506	7.5	23618.1	-2055.4	596	7.2	30407.9	-2039.9	686	6.5	33342.8	-2003.6
417	9.6	20655.7	-2059.7	507	10.	23710.4	-2002.1	597	9.8	30416.7	-2017.5	687	6.6	33453.8	-2002.9
418	8.6	20657.9	-2013.2	508	9.5	23733.3	-2039.5	598	9.8	30602.7	-2009.9	688	9.4	33459.6	-2044.7
419	9.5	20723.3	-2000.3	509	9.8	23802.6	-2019.1	599	9.4	30605.3	-2004.6	689	9.5	33507.0	-2038.1
420	10.	20742.4	-2017.0	510	10.	23833.7	-2058.5	600	9.5	30614.6	-2041.6	690	8.5	33511.1	-2049.9
421	9.5	20744.6	-2051.5	511	8.9	23858.5	-2041.4	601	9.4	30624.5	-2017.6	691	9.5	33530.0	-2006.7
422	9.8	20843.6	-2044.5	512	9.2	23935.2	-2053.9	602	6.5	30625.9	-2034.1	692	9.3	33630.5	-2058.5
423	10.	20844.8	-2039.4	513	10.	23937.8	-2012.4	603	9.2	30704.9	-2001.4	693	9.6	33636.1	-2008.5
424	9.2	20850.3	-2040.8	514	9.8	23937.9	-2016.6	604	9.1	30739.4	-2014.5	694	9.2	33717.4	-2035.3
425	9.2	20914.9	-2047.1	515	9.4	23955.2	-2002.6	605	6.7	30842.2	-2033.5	695	9.5	33730.3	-2025.7
426	9.1	20940.0	-2044.2	516	9.4	23955.6	-2047.1	606	9.7	30944.5	-2043.1	696	9.2	33800.1	-2044.4
427	9.8	20945.2	-2056.7	517	10.	24107.5	-2010.2	607	9.5	30951.8	-2007.3	697	9.2	33805.4	-2056.1
428	9.8	21000.5	-2055.8	518	8.6	24132.0	-2034.9	608	9.7	31001.1	-2042.2	698	10.	33842.1	-2000.9
429	9.3	21003.7	-2030.6	519	9.4	24132.4	-2011.4	609	8.9	31004.4	-2046.4	699	9.7	33852.1	-2046.0
430	9.8	21014.0	-2011.8	520	9.8	24213.3	-2059.4	610	9.3	31016.9	-2028.8	700	7.3	33855.0	-2058.3
431	9.4	21018.3	-2034.1	521	9.9	24236.1	-2048.3	611	9.5	31019.8	-2047.7	701	8.7	33904.6	-2042.0
432	8.0	21024.4	-2040.2	522	9.8	24250.2	-2038.6	612	9.8	31025.3	-2009.6	702	9.5	33941.4	-2009.8
433	8.6	21049.2	-2015.0	523	8.6	24305.6	-2050.9	613	9.8	31040.0	-2016.2	703	9.9	33953.6	-2001.5
434	9.8	21051.6	-2018.8	524	8.2	24309.5	-2050.9	614	10.	31108.8	-2044.2	704	10.	34023.7	-2005.5
435	9.3	21128.9	-2039.0	525	10.	24318.0	-2035.0	615	9.3	31133.3	-2015.8	705	9.2	34038.1	-2040.0
436	9.3	21153.0	-2024.3	526	9.2	24337.7	-2005.1	616	9.6	31213.2	-2029.5	706	9.8	34048.4	-2023.8
437	7.2	21206.6	-2012.5	527	9.3	24340.2	-2005.2	617	9.5	31230.4	-2009.7	707	9.4	34059.4	-2003.5
438	8.3	21313.1	-2041.9	528	8.2	24353.5	-2043.6	618	9.5	31256.5	-2013.8	708	9.7	34117.7	-2018.5
439	9.1	21418.6	-2029.2	529	9.8	24356.0	-2034.7	619	9.7	31350.6	-2048.7	709	10.	34119.2	-2019.1
440	6.7	21429.0	-2034.5	530	9.8	24423.4	-2048.4	620	9.0	31353.5	-2014.7	710	9.4	34129.4	-2002.2
441	8.9	21446.1	-2059.2	531	9.6	24448.9	-2052.5	621	9.6	31402.0	-2021.4	711	9.3	34132.5	-2032.5
442	9.8	21516.9	-2050.2	532	10.	24505.5	-2021.4	622	9.6	31404.1	-2050.3	712	9.0	34135.7	-2006.4
443	10.	21537.7	-2048.2	533	9.2	24529.1	-2041.1	623	9.5	31419.9	-2006.6	713	9.3	34144.3	-2016.2
444	9.7	21606.6	-2038.9	534	8.8	24550.5	-2046.9	624	9.5	31509.5	-2014.7	714	8.4	34159.0	-2051.6
445	9.6	21712.0	-2047.0	535	9.2	24558.4	-2013.7	625	6.6	31510.0	-2050.9	715	9.0	34204.6	-2059.8
446	10.	21752.6	-2036.4	536	9.8	24570.2	-2035.2	626	8.5	31528.8	-2033.6	716	9.0	34259.5	-2022.5
447	8.1	21757.3	-2042.0	537	10.	24571.4	-2050.6	627	9.8	31609.3	-2003.2	717	9.0	34310.8	-2008.6
448	9.0	21811.5	-2056.2	538	9.9	24738.6	-2023.9	628	9.8	31629.0	-2019.7	718	8.5	34320.3	-2051.8
449	9.4	21821.9	-2057.7	539	10.	24779.8	-2018.7	629	9.6	31641.4	-2034.7	719	9.0	34326.1	-2029.8
450	9.0	21826.1	-2029.1	540	8.5	24785.9	-2042.9	630	9.6	31711.7	-2021.1	720	8.5	34348.1	-2013.5
451	8.8	21858.2	-2058.1	541	9.6	24815.6	-2058.4	631	9.7	31752.2	-2050.2	721	9.7	34355.3	-2008.4
452	9.0	21907.6	-2053.7	542	9.2	24839.3	-2043.9	632	9.0	31810.8	-2049.4	722	9.2	34400.6	-2033.8
453	9.3	21920.2	-2040.7	543	9.9	24839.8	-2010.9	633	9.3	31823.1	-2050.4	723	9.5	34408.1	-2026.8
454	9.8	21941.8	-2016.0	544	10.	24841.2	-2008.3	634	9.8	31842.0	-2019.5	724	9.8	34457.8	-2049.1
455	6.0	21950.8	-2042.2	545	9.4	24901.3	-2022.5	635	9.5	31848.6	-2015.8	725	10.	34457.9	-2032.4
456	9.8	22001.2	-2001.4	546	7.5	24905.1	-2021.0	636	9.3	31906.5	-2051.1	726	9.5	34531.3	-2012.3
457	9.8	22017.7	-2012.6	547	9.8	24922.0	-2013.1	637	9.4	31913.7	-2024.2	727	8.5	34607.7	-2032.9
458	9.5	22028.6	-2040.5	548	9.3	24930.2	-2026.2	638	9.2	31951.9	-2032.8	728	9.8	34615.0	-2021.9
459	10.	22039.3	-2019.0	549	9.3	24933.9	-2047.7	639	9.8	32019.4	-2030.7	729	9.2	34629.6	-2030.0
460	9.4	22041.9	-2023.8	550	9.5	24941.7	-2025.4	640	9.6	32023.8	-2004.4	730	9.0	34644.3	-2020.5
461	9.6	22114.7	-2010.1	551	9.3	25010.8	-2001.8	641	9.6	32034.9	-2031.7	731	9.5	34644.3	-2041.0
462	10.	22138.5	-2057.0	552	9.7	25030.6	-2011.5	642	9.8	32054.4	-2050.4	732	8.8	34657.0	-2038.9
463	7.8	22158.4	-2027.1	553	10.	25053.1	-2049.2	643	8.0	32116.5	-2018.8	733	9.5	34723.6	-2018.5
464	9.9	22159.3	-2012.6	554	10.	25103.2	-2000.2	644	9.0	32128.8	-2044.1	734	9.8	34739.2	-2028.7

735	8.0	34811.5	-2053.1	825	10.	41243.9	-2025.7	915	9.4	43627.7	-2003.5	1005	9.4	45904.2	-2031.3
736	8.5	34819.5	-2014.7	826	9.5	41256.4	-2049.2	916	9.0	43630.9	-2025.5	1006	9.5	45935.9	-2000.4
737	8.5	34824.4	-2055.4	827	9.2	41315.0	-2038.4	917	9.4	43634.1	-2044.9	1007	9.0	50001.6	-2020.1
738	8.7	34828.2	-2023.1	828	9.4	41329.9	-2014.7	918	9.0	43635.1	-2003.7	1008	10.	50003.7	-2018.4
739	9.7	34843.0	-2058.1	829	9.2	41333.5	-2013.3	919	9.3	43710.2	-2058.1	1009	8.3	50019.6	-2047.9
740	9.3	34908.9	-2019.6	830	9.8	41355.4	-2023.9	920	9.0	43720.8	-2018.2	1010	9.5	50020.5	-2037.4
741	9.6	34918.7	-2033.2	831	5.0	41419.3	-2059.1	921	9.3	43723.0	-2037.0	1011	9.7	50033.7	-2054.9
742	9.9	34933.4	-2059.9	832	9.1	41427.2	-2055.1	922	9.6	43723.9	-2056.3	1012	9.7	50040.3	-2006.4
743	8.8	34948.2	-2000.7	833	8.7	41437.0	-2009.9	923	7.5	43730.4	-2037.8	1013	8.5	50042.8	-2018.5
744	9.0	35008.3	-2045.3	834	8.3	41455.6	-2031.6	924	8.3	43828.1	-2016.9	1014	9.9	50117.8	-2045.6
745	9.5	35041.4	-2040.0	835	9.3	41516.0	-2026.3	925	8.0	43836.3	-2032.6	1015	7.3	50143.6	-2018.6
746	9.7	35054.7	-2049.2	836	9.5	41528.1	-2030.8	926	9.1	43917.5	-2058.7	1016	9.0	50250.3	-2021.8
747	9.7	35101.6	-2051.8	837	7.8	41626.2	-2034.9	927	9.5	43918.6	-2014.6	1017	8.5	50253.7	-2025.0
748	9.2	35117.7	-2019.7	838	9.8	41645.7	-2038.7	928	9.6	43928.9	-2006.0	1018	9.8	50307.0	-2039.1
749	8.6	35119.0	-2041.6	839	7.8	41716.6	-2036.0	929	9.4	43956.4	-2055.1	1019	9.7	50337.3	-2039.8
750	9.5	35122.7	-2047.6	840	8.8	41725.5	-2023.0	930	10.	44001.2	-2046.3	1020	9.8	50409.2	-2050.3
751	9.0	35236.4	-2032.6	841	8.3	41740.7	-2055.7	931	9.1	44008.1	-2017.9	1021	9.3	50411.8	-2030.1
752	9.7	35248.5	-2041.4	842	8.3	41747.0	-2026.6	932	9.5	44044.3	-2052.9	1022	8.5	50412.4	-2016.7
753	9.3	35259.2	-2019.6	843	8.8	41822.8	-2057.9	933	9.5	44103.1	-2019.6	1023	9.8	50416.0	-2000.1
754	9.3	35301.8	-2001.0	844	9.6	41831.1	-2041.0	934	8.4	44123.9	-2039.2	1024	9.3	50422.3	-2030.0
755	7.2	35302.0	-2044.8	845	9.3	41839.0	-2022.3	935	8.8	44127.0	-2012.0	1025	7.3	50429.4	-2055.8
756	9.8	35305.6	-2008.9	846	9.4	41849.4	-2059.7	936	9.5	44154.2	-2019.6	1026	9.4	50441.6	-2001.7
757	9.8	35409.7	-2054.6	847	9.7	41935.1	-2021.3	937	9.6	44157.7	-2014.0	1027	10.	50515.3	-2028.5
758	8.3	35429.4	-2044.5	848	9.4	41938.6	-2018.3	938	7.7	44204.5	-2006.6	1028	9.0	50522.2	-2020.3
759	9.3	35439.7	-2003.7	849	9.2	42000.9	-2056.7	939	8.3	44218.8	-2040.9	1029	9.5	50537.6	-2018.7
760	10.	35503.5	-2038.7	850	9.2	42001.1	-2039.7	940	9.2	44250.9	-2059.3	1030	9.2	50553.6	-2049.2
761	9.8	35510.1	-2051.6	851	8.3	42104.3	-2041.9	941	9.5	44252.3	-2052.1	1031	9.3	50608.1	-2011.4
762	7.8	35529.2	-2052.7	852	9.0	42141.8	-2033.2	942	8.9	44305.7	-2009.0	1032	9.6	50619.3	-2028.8
763	9.3	35535.4	-2026.8	853	9.8	42142.7	-2009.0	943	9.5	44349.3	-2047.3	1033	9.4	50629.5	-2055.2
764	9.5	35539.1	-2050.0	854	9.2	42202.6	-2045.2	944	9.6	44352.8	-2015.7	1034	8.5	50639.2	-2045.5
765	9.8	35613.1	-2055.3	855	9.7	42225.9	-2002.3	945	9.4	44456.0	-2031.6	1035	8.8	50640.7	-2018.3
766	9.0	35620.8	-2017.4	856	9.5	42237.5	-2037.6	946	9.4	44505.9	-2045.0	1036	8.1	50713.4	-2042.2
767	7.7	35631.7	-2054.6	857	9.4	42240.0	-2057.3	947	9.0	44534.2	-2039.3	1037	9.3	50719.8	-2038.4
768	8.0	35646.2	-2054.5	858	9.5	42302.6	-2018.9	948	9.4	44627.2	-2011.8	1038	9.8	50724.4	-2020.9
769	6.0	35701.0	-2032.5	859	8.5	42302.8	-2047.4	949	9.2	44628.4	-2041.1	1039	9.8	50750.3	-2041.8
770	7.0	35713.0	-2033.3	860	10.	42330.6	-2000.9	950	9.8	44630.2	-2007.1	1040	8.8	50754.1	-2021.5
771	8.0	35725.6	-2037.2	861	9.2	42334.2	-2009.9	951	9.4	44631.2	-2009.8	1041D	9.5	50758.7	-2010.6
772	9.0	35737.0	-2030.8	862	9.2	42344.6	-2058.9	952	9.5	44643.8	-2041.2	1042	9.4	50803.2	-2002.6
773	9.7	35747.9	-2050.4	863	9.8	42346.4	-2051.5	953	8.8	44651.4	-2031.1	1043	9.8	50825.8	-2052.9
774	6.0	35817.9	-2046.4	864	9.8	42427.1	-2004.3	954	9.5	44657.9	-2050.2	1044	9.6	50905.0	-2017.5
775	9.8	35819.8	-2035.1	865	9.5	42450.7	-2032.7	955	9.0	44725.5	-2031.7	1045	9.2	50936.3	-2034.3
776	9.7	35828.3	-2010.0	866	9.4	42452.0	-2054.0	956	9.5	44733.4	-2031.8	1046	9.1	50949.7	-2055.3
777	9.8	35837.5	-2056.1	867	9.2	42458.8	-2059.8	957	9.5	44735.7	-2002.8	1047	9.0	51007.9	-2047.4
778	9.3	35901.8	-2025.3	868	9.8	42511.1	-2030.0	958	9.8	44740.6	-2047.7	1048	9.9	51014.0	-2016.3
779	9.1	35906.2	-2007.4	869	9.1	42521.2	-2018.8	959	9.8	44811.0	-2059.8	1049	9.3	51020.3	-2000.8
780	7.0	35924.7	-2054.6	870	9.0	42601.6	-2010.1	960	9.4	44818.9	-2019.2	1050	9.5	51021.0	-2016.1
781	9.7	35942.3	-2053.0	871	9.3	42649.4	-2032.2	961	8.4	44832.1	-2037.7	1051	9.0	51032.1	-2056.0
782	9.1	40008.1	-2038.7	872	8.8	42701.3	-2004.1	962	9.8	44944.3	-2004.9	1052	9.6	51040.7	-2045.0
783	9.7	40011.7	-2047.8	873	9.8	42702.2	-2031.8	963	9.6	44959.7	-2015.0	1053	9.0	51102.8	-2059.7
784	9.0	40026.0	-2052.2	874	9.1	42710.7	-2002.5	964	9.0	45002.3	-2017.7	1054	9.2	51113.0	-2027.1
785	9.8	40032.9	-2014.7	875	9.1	42729.5	-2048.0	965	9.5	45011.6	-2006.1	1055	9.8	51122.4	-2039.1
786	9.2	40115.8	-2055.4	876	9.3	42742.8	-2007.7	966	8.8	45024.4	-2042.1	1056	9.5	51154.4	-2010.0
787	9.1	40128.4	-2001.8	877	9.4	42813.5	-2037.8	967	9.4	45025.5	-2022.0	1057	8.8	51246.2	-2001.4
788	9.0	40151.2	-2034.6	878	9.5	42814.2	-2003.5	968	9.5	45106.3	-2044.6	1058	10.	51257.5	-2045.0
789	9.5	40151.7	-2016.6	879	9.1	42814.3	-2034.7	969	9.5	45112.1	-2031.2	1059	8.5	51325.5	-2047.7
790	8.4	40203.3	-2052.6	880	5.5	42839.2	-2013.4	970	10.	45117.3	-2002.3	1060	9.4	51343.4	-2009.6
791	8.2	40218.6	-2027.1	881	8.6	42902.7	-2021.7	971	9.8	45140.2	-2056.5	1061	9.0	51346.5	-2014.4
792	8.4	40243.7	-2039.5	882	9.6	42906.4	-2059.8	972	8.8	45147.6	-2024.6	1062	9.5	51415.6	-2018.8
793	8.8	40256.4	-2048.3	883	8.0	42930.3	-2018.5	973	9.5	45213.0	-2016.2	1063	9.2	51425.1	-2046.2
794	9.1	40309.0	-2043.0	884	8.4	42935.9	-2028.6	974	9.3	45226.1	-2045.8	1064	9.3	51428.3	-2047.2
795	9.8	40319.6	-2027.7	885	9.3	42947.5	-2035.7	975	8.6	45228.7	-2046.3	1065	9.5	51527.2	-2023.8
796	9.5	40320.9	-2051.2	886	9.5	42949.7	-2021.5	976	9.6	45247.5	-2033.1	1066	9.2	51532.4	-2004.0
797	9.8	40440.4	-2005.9	887	8.6	43037.9	-2024.0	977	8.8	45255.6	-2052.3	1067	9.3	51540.2	-2041.0
798	8.7	40441.4	-2025.7	888	9.4	43052.7	-2010.4	978	9.8	45322.6	-2041.9	1068	9.4	51602.3	-2004.0
799	9.1	40458.0	-2010.5	889	9.0	43107.5	-2001.7	979	9.8	45357.7	-2057.5	1069	9.2	51611.8	-2025.5
800	8.6	40512.1	-2042.8	890	9.8	43109.0	-2026.5	980	9.3	45414.4	-2042.0	1070	7.6	51619.4	-2000.9
801	6.1	40514.7	-2044.2	891	8.8	43114.1	-2029.8	981	9.6	45419.7	-2046.4	1071	9.1	51620.6	-2011.0
802	9.1	40543.5	-2051.6	892	6.8	43142.7	-2058.9	982	9.5	45421.7	-2002.4	1072	9.5	51637.4	-2038.3
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804	9.1	40609.2	-2042.5	894	9.1	43205.4	-2002.5	984	9.5	45430.6	-2039.2	1074	9.5	51707.0	-2008.6
805	9.0	40623.6	-2017.7	895	9.7	43225.8	-2047.0	985	9.7	45439.8	-2045.6	1075	9.1	51737.4	-2058.2
806	9.4	40629.8	-2044.8	896	9.0	43243.3	-2001.0	986	9.0	45443.7	-2057.9	1076	9.3	51738.3	-2029.7
807	8.7	40636.9	-2013.4	897	9.4	43253.5	-2002.3	987	9.8	45448.2	-2049.0	1077	7.8	51739.8	-2051.9
808	9.6	40640.8	-2028.2	898	9.7	43253.7	-2025.6	988	9.0	45458.0	-2018.1	1078	9.1	51807.8	-2043.7
809	9.4	40738.5	-2009.2	899	9.1	43256.5	-2023.9	989	9.0	45504.7	-2055.9	1079	8.9	51828.3	-2027.0
810	9.1	40740.1	-2001.4	900	9.7	43319.6	-2008.3	990	5.3	45508.5	-2015.8	1080	9.2	51830.2	-2023.4
811	9.7	40814.3	-2044.6	901	9.6	43321.4	-2034.2	991	9.5	45538.7	-2033.5	1081	8.8	51841.0	-2046.8
812	8.6	40849.0	-2021.2	902	9.6	43324.8	-2028.5	992	9.2	45606.6	-2002.2	1082	9.3	51845.6	-2010.2
813	10.	40912.0	-2001.8	903	9.0	43328.4	-2011.2	993	9.7	45644.5	-2016.9	1083	9.7	51910.6	-2029.4
814	9.5	40959.5	-2046.4	904	9.3	43330.2	-2021.3	994	10.	45700.7	-2038.6	1084	9.4	51953.2	-2055.6
815	9.5	41031.6	-2004.9	905	9.6	43350.9	-2044.7	995	9.5	45706.7	-2054.0	1085	7.5	52011.2	-2050.6
816	9.3	41054.8	-2018.0	906	8.8	43403.1	-2047.0	996	9.5	45708.4	-2011.8	1086	9.6	52027.9	-2008.1
817	9.5	41058.5	-2041.0	907	9.8	43425.3	-2042.4	997	8.9	45719.8	-2041.3	1087	9.1	52040.8	-2001.3
818	9.5	41117.4	-2027.7	908	9.2	43429.9	-2000.5	998	9.6	45730.3	-2045.0	1088	9.4	52042.5	-2054.2
819	8.8	41125.2	-2014.3	909	9.4	43453.2	-2008.5	999	9.4	45804.8	-2056.5	1089	9.8	52108.0	-2059.3
820	9.4	41142.9	-2004.1	910	8.8	43524.1	-2023.7	1000	9.1	45811.5	-2039.7	1090	9.1	52116.3	-2038.8
821	9.1	41143.1	-2056.7	911	9.8	43552.7	-2044.0	1001	9.1	45817.8	-2016.9	1091	8.2	52138.4	-2055.8
822	9.5	41200.8	-2022.3	912	9.7	43608.8	-2019.0	1002	8.2	45818.2	-2031.9	1092	9.5	52140.6	-2003.3
823	9.8	41214.7	-2009.8	913	9.8	43611.5	-2010.8	1003	7.2	45833.7	-2027.0	1093	9.2	52143.7	-2029.0
824	8.9	41217.7	-2040.9	914	9.3	43619.7	-2043.0	1004	9.3	45837.9	-2047.6	1094	9.1	52150.5	-2059.4

-20 1095 5h21m

-20 1454 6h29m

1095	8.8	52156.1	-2031.4	1185	9.4	54118.7	-2017.7	1275	9.0	55829.0	-2053.9	1365	8.9	61505.2	-2023.1
1096	3.0	52201.4	-2052.7	1186	9.5	54140.1	-2003.4	1276	9.2	55831.2	-2006.4	1366	9.1	61522.9	-2045.8
1097	8.8	52203.5	-2001.0	1187	9.1	54144.6	-2051.5	1277	9.0	55846.8	-2057.9	1367	10.	61543.7	-2051.4
1098	9.3	52224.5	-2047.6	1188	8.2	54154.1	-2004.5	1278	9.5	55910.3	-2059.5	1368	9.1	61551.7	-2046.8
1099	9.6	52236.6	-2022.9	1189	9.8	54206.0	-2048.8	1279	8.8	55911.6	-2016.5	1369	9.5	61556.3	-2001.4
1100	9.3	52256.4	-2009.7	1190	9.4	54208.9	-2030.5	1280	9.8	55917.1	-2010.8	1370	9.5	61654.0	-2044.1
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1102	9.5	52358.0	-2012.2	1192	9.4	54225.0	-2046.0	1282	8.6	55939.9	-2039.6	1372	9.2	61707.4	-2001.2
1103	9.2	52414.4	-2007.9	1193	8.5	54253.6	-2008.8	1283	9.5	60004.7	-2053.5	1373	8.3	61719.2	-2052.1
1104	9.7	52443.5	-2023.2	1194	9.6	54255.5	-2003.7	1284	9.3	60041.6	-2039.3	1374	8.1	61721.1	-2006.4
1105	6.0	52455.1	-2058.2	1195	9.6	54300.8	-2007.2	1285	9.5	60121.7	-2039.2	1375	9.1	61740.3	-2024.1
1106	9.4	52513.8	-2036.6	1196	9.4	54307.7	-2018.1	1286	9.0	60128.1	-2051.5	1376	9.8	61810.9	-2040.4
1107	9.8	52530.3	-2005.3	1197	9.4	54310.7	-2022.5	1287	9.1	60138.9	-2033.1	1377	9.6	61823.3	-2050.3
1108	8.9	52604.3	-2019.0	1198	9.8	54317.0	-2020.8	1288	9.5	60156.0	-2007.0	1378	9.2	61833.4	-2019.9
1109	9.2	52608.3	-2002.5	1199	9.1	54319.9	-2006.7	1289	9.5	60201.9	-2035.1	1379	8.7	61834.4	-2034.3
1110	9.6	52614.9	-2012.9	1200	9.2	54321.0	-2046.3	1290	9.4	60214.2	-2020.1	1380	9.5	61847.8	-2014.6
1111	9.5	52616.4	-2050.3	1201	9.2	54330.1	-2054.1	1291	9.5	60214.8	-2006.9	1381	9.8	61857.7	-2024.3
1112	9.3	52619.2	-2042.7	1202	9.8	54338.9	-2033.5	1292	9.4	60216.6	-2018.3	1382	10.	61902.3	-2039.1
1113	9.2	52625.6	-2027.5	1203	8.0	54341.3	-2023.5	1293	10.	60230.3	-2047.6	1383	9.8	61902.8	-2059.1
1114	10.	52625.6	-2059.5	1204	9.1	54345.4	-2017.7	1294	9.1	60233.8	-2051.0	1384	7.3	61934.2	-2053.6
1115	9.5	52636.3	-2020.0	1205	9.1	54352.6	-2008.5	1295	9.3	60241.5	-2012.6	1385	9.1	61958.4	-2030.7
1116	9.7	52642.2	-2014.5	1206	9.5	54405.8	-2052.3	1296	9.4	60248.2	-2040.3	1386	7.8	62008.0	-2005.6
1117	9.5	52646.5	-2029.4	1207	9.2	54407.3	-2045.3	1297	8.8	60300.6	-2039.7	1387	9.5	62020.1	-2018.4
1118	8.8	52652.7	-2031.2	1208	9.8	54457.3	-2022.8	1298	9.0	60303.2	-2027.8	1388	9.6	62021.9	-2035.0
1119	8.5	52741.4	-2045.2	1209	9.5	54457.4	-2044.2	1299	8.8	60308.4	-2054.0	1389	9.0	62045.0	-2008.2
1120	9.2	52759.5	-2008.6	1210	8.5	54504.0	-2020.6	1300	9.1	60311.5	-2039.0	1390	9.2	62049.0	-2049.9
1121	9.5	52807.0	-2050.7	1211	4.3	54505.6	-2053.9	1301	9.5	60313.4	-2003.7	1391	9.8	62051.0	-2008.4
1122	9.5	52839.1	-2013.5	1212	9.6	54520.9	-2053.9	1302	9.0	60316.0	-2046.7	1392	7.7	62058.2	-2019.8
1123	9.5	52841.4	-2043.9	1213	8.6	54524.5	-2052.4	1303	8.0	60332.8	-2028.4	1393	9.5	62100.4	-2037.0
1124	9.3	52923.9	-2048.3	1214	9.1	54550.4	-2013.1	1304	9.8	60340.6	-2018.4	1394	9.5	62109.0	-2007.0
1125	9.8	52924.8	-2035.4	1215	9.5	54607.4	-2036.2	1305	9.8	60345.5	-2055.8	1395	8.9	62114.8	-2051.1
1126	8.2	52931.8	-2002.4	1216	9.4	54609.5	-2038.1	1306	9.8	60358.4	-2049.3	1396	8.9	62122.7	-2021.5
1127	9.5	52950.0	-2011.4	1217	8.8	54624.4	-2050.1	1307	9.1	60421.2	-2021.9	1397	8.7	62126.6	-2017.2
1128	9.5	52955.9	-2007.6	1218	9.2	54632.2	-2012.7	1308	8.5	60426.7	-2019.1	1398	10.	62129.4	-2048.7
1129	9.9	53006.6	-2019.0	1219	9.2	54642.3	-2044.9	1309	9.4	60429.3	-2053.3	1399	9.6	62132.4	-2034.7
1130	9.9	53021.2	-2001.7	1220	9.5	54644.1	-2012.1	1310	9.1	60439.6	-2021.6	1400	9.8	62140.6	-2047.2
1131	9.8	53042.1	-2022.4	1221	8.3	54714.6	-2010.8	1311	9.1	60444.8	-2039.3	1401	9.8	62148.5	-2014.8
1132	8.7	53043.8	-2001.0	1222	9.8	54727.3	-2044.0	1312	9.1	60447.4	-2051.0	1402	9.9	62206.1	-2048.5
1133	9.2	53057.3	-2036.2	1223	9.5	54747.4	-2027.0	1313	9.0	60448.7	-2046.7	1403	9.3	62208.0	-2000.9
1134	10.	53104.6	-2018.1	1224	9.5	54747.9	-2003.3	1314	9.4	60464.1	-2011.2	1404	8.3	62224.7	-2006.1
1135	10.	53107.9	-2020.1	1225	9.0	54749.1	-2054.9	1315	9.0	60464.9	-2031.0	1405	9.3	62228.9	-2003.9
1136	9.6	53110.2	-2042.4	1226	9.8	54821.6	-2053.8	1316	8.7	60505.7	-2049.7	1406	9.5	62301.2	-2058.0
1137	10.	53155.9	-2040.8	1227	9.4	54848.8	-2032.1	1317	9.7	60523.4	-2006.9	1407	9.4	62307.0	-2012.2
1138	8.2	53202.7	-2042.8	1228	9.5	54852.7	-2059.2	1318	9.2	60529.0	-2021.5	1408	9.5	62327.1	-2016.7
1139	8.5	53203.1	-2015.5	1229	9.0	54857.9	-2017.1	1319	9.0	60538.3	-2028.2	1409	8.3	62337.9	-2008.3
1140	9.8	53210.5	-2007.1	1230	9.4	54907.5	-2005.7	1320	9.7	60548.0	-2003.5	1410	9.5	62350.2	-2058.4
1141	8.3	53229.0	-2011.8	1231	9.3	54936.9	-2039.4	1321	9.5	60553.2	-2053.1	1411	9.8	62351.8	-2045.1
1142	9.5	53237.2	-2047.1	1232	8.2	55010.3	-2003.4	1322	9.5	60633.4	-2006.9	1412	9.4	62358.7	-2025.7
1143	9.5	53253.1	-2012.6	1233	8.8	55011.8	-2021.7	1323	9.1	60652.5	-2020.2	1413	9.7	62400.9	-2034.4
1144	9.5	53303.8	-2030.1	1234	9.4	55021.9	-2007.6	1324	9.9	60658.2	-2048.9	1414	9.5	62409.8	-2032.6
1145	9.1	53315.8	-2038.3	1235	9.4	55041.3	-2002.3	1325	9.4	60703.4	-2037.0	1415	9.0	62411.3	-2043.1
1146	10.	53325.2	-2045.4	1236	9.0	55042.7	-2041.4	1326	8.7	60708.9	-2036.8	1416	8.2	62508.0	-2031.6
1147	7.0	53331.3	-2031.6	1237	9.4	55103.7	-2027.9	1327	9.1	60720.7	-2055.3	1417	9.4	62510.2	-2023.9
1148	9.3	53407.1	-2024.9	1238	9.1	55122.3	-2048.8	1328	9.4	60734.7	-2043.8	1418	9.4	62515.7	-2033.8
1149	7.7	53424.7	-2022.4	1239	9.0	55127.8	-2033.3	1329	9.5	60743.6	-2010.6	1419	8.7	62517.2	-2037.9
1150	9.0	53428.0	-2009.2	1240	9.4	55148.8	-2046.3	1330	9.3	60751.3	-2057.8	1420	9.6	62520.1	-2018.5
1151	9.5	53448.5	-2038.5	1241	9.2	55211.3	-2040.0	1331	9.8	60752.2	-2026.8	1421	9.1	62524.1	-2030.3
1152	9.7	53458.6	-2054.4	1242	8.0	55213.9	-2010.7	1332	9.3	60801.3	-2041.1	1422	8.0	62526.7	-2057.9
1153	9.3	53506.1	-2030.4	1243	9.5	55215.9	-2042.4	1333	9.8	60803.8	-2056.3	1423	9.7	62527.7	-2012.4
1154	9.8	53517.5	-2007.4	1244	8.7	55254.6	-2020.3	1334	9.1	60818.9	-2017.4	1424	9.4	62540.6	-2001.8
1155	9.3	53519.6	-2014.3	1245	9.2	55304.0	-2014.3	1335	9.4	60819.0	-2009.5	1425	9.0	62545.6	-2011.2
1156	10.	53558.7	-2022.9	1246	8.7	55305.4	-2035.3	1336	6.3	60854.1	-2013.5	1426	9.5	62547.0	-2021.3
1157	9.4	53558.9	-2034.8	1247	9.5	55315.3	-2000.2	1337	9.5	60901.4	-2049.1	1427	9.0	62547.2	-2057.8
1158	9.4	53611.1	-2012.2	1248	9.5	55324.0	-2048.4	1338	9.5	60905.9	-2050.6	1428	9.4	62552.8	-2031.0
1159	8.5	53619.6	-2013.5	1249	9.3	55326.2	-2057.0	1339	8.2	60927.0	-2009.2	1429	9.8	62553.9	-2043.4
1160	9.3	53627.9	-2036.3	1250	9.9	55326.9	-2052.5	1340	9.8	60931.7	-2054.9	1430	9.5	62554.2	-2027.0
1161	9.5	53642.2	-2041.7	1251	9.7	55338.2	-2041.9	1341	9.2	60936.6	-2042.1	1431	9.5	62612.6	-2041.8
1162	8.3	53706.4	-2015.4	1252	9.5	55341.8	-2027.8	1342	9.5	60943.3	-2032.2	1432	7.2	62621.0	-2054.8
1163	8.3	53706.8	-2044.1	1253	9.1	55349.2	-2025.1	1343	9.5	61005.4	-2032.4	1433	9.7	62636.2	-2057.6
1164	9.1	53708.6	-2047.3	1254	9.4	55354.0	-2000.8	1344	9.4	61017.5	-2012.7	1434	9.6	62643.7	-2014.4
1165	9.2	53721.3	-2027.5	1255	10.	55410.7	-2026.1	1345	8.0	61021.2	-2009.4	1435	9.6	62708.3	-2002.7
1166	8.8	53724.2	-2025.5	1256	10.	55424.2	-2029.0	1346	9.5	61024.4	-2047.6	1436	9.7	62708.4	-2004.9
1167	9.8	53725.7	-2018.8	1257	9.4	55432.5	-2035.5	1347	8.3	61024.9	-2035.3	1437	6.6	62713.9	-2048.9
1168	9.3	53745.9	-2042.4	1258	9.2	55434.3	-2031.7	1348	9.8	61050.3	-2052.5	1438	8.1	62717.9	-2002.1
1169	9.1	53754.1	-2012.5	1259	9.4	55507.2	-2025.9	1349	9.1	61104.7	-2049.4	1439	8.7	62722.3	-2053.6
1170	10.	53806.4	-2034.6	1260	8.0	55516.4	-2038.8	1350	9.5	61139.8	-2023.7	1440	9.5	62739.7	-2014.7
1171	6.5	53813.9	-2011.6	1261	8.4	55600.1	-2001.6	1351	9.8	61218.0	-2010.5	1441	8.8	62802.1	-2002.0
1172	9.0	53826.9	-2045.6	1262	9.8	55621.1	-2013.0	1352	9.4	61219.1	-2033.2	1442	9.6	62802.9	-2019.4
1173	9.4	53834.2	-2046.8	1263	10.	55650.4	-2054.5	1353	9.5	61227.1	-2012.0	1443	9.5	62812.6	-2031.0
1174	9.5	53841.6	-2012.7	1264	9.5	55652.2	-2019.8	1354	9.3	61230.8	-2029.3	1444	9.5	62825.7	-2019.2
1175	8.7	53843.2	-2033.1	1265	9.5	55700.7	-2005.8	1355	6.3	61247.7	-2051.7	1445	9.4	62826.2	-2005.8
1176	9.5	53849.3	-2032.2	1266	9.8	55707.9	-2032.9	1356	9.5	61302.2	-2048.6	1446	7.0	62831.4	-2026.7
1177	8.5	53907.0	-2009.2	1267	9.0	55708.6	-2051.3	1357	9.5	61309.0	-2013.4	1447	9.0	62834.7	-2040.3
1178	9.4	53910.1	-2016.4	1268	9.5	55730.8	-2003.7	1358	9.2	61339.4	-2049.1	1448	9.2	62849.1	-2003.9
1179	9.8	53931.8	-2043.9	1269	9.7	55745.4	-2050.0	1359	8.5	61345.3	-2028.2	1449	8.0	62900.4	-2017.0
1180	9.4	53941.4	-2033.9	1270	9.3	55746.4	-2051.8	1360	10.	61401.3	-2037.9	1450	9.5	62902.4	-2000.4
1181	9.7	53952.3	-2045.6	1271	9.0	55754.6	-2037.1	1361	10.	61420.6	-2017.3	1451	9.1	62905.6	-2041.2
1182	9.5	53955.7	-2017.4	1272	9.4	55755.5	-2011.7	1362	8.8	61423.4	-2037.0	1452	9.2	62935.1	-2039.4
1183	10.	54000.4	-2036.4	1273	9.8	55819.9	-2041.8	1363	9.4	61436.0	-2008.6	1453	9.5	62942.0	-2008.5
1184	8.5	54019.8	-2031.7	1274	9.2	55825.4	-2044.2	1364	9.4	61438.6	-2016.0	1454	9.5	62943.1	-2022.6

-20 1455 6h30m

-20 1814 7h09m

1455	9.2	63010.8	-2020.7	1545	9.0	63923.9	-2040.3	1635	9.8	65043.3	-2049.5	1725	9.2	70051.6	-2010.4
1456	9.8	63018.1	-2011.9	1546	8.3	63926.7	-2032.5	1636	10.	65047.7	-2007.5	1726	10.	70057.5	-2039.1
1457	9.0	63019.5	-2006.3	1547	9.4	63927.0	-2009.4	1637	9.3	65050.2	-2010.5	1727	8.4	70059.9	-2004.1
1458	9.5	63020.7	-2001.2	1548	9.0	63928.4	-2032.4	1638	9.6	65057.1	-2058.8	1728	10.	70104.1	-2034.1
1459	9.7	63025.2	-2059.4	1549	7.8	63929.6	-2042.2	1639	9.8	65105.5	-2046.0	1729	10.	70105.1	-2035.6
1460	9.8	63026.9	-2031.7	1550	9.4	63930.0	-2029.7	1640	9.3	65110.0	-2015.9	1730	9.5	70107.6	-2041.4
1461	9.2	63030.5	-2044.1	1551	8.4	63931.8	-2054.8	1641	9.0	65117.2	-2046.9	1731	9.8	70108.7	-2021.8
1462	9.2	63031.2	-2015.9	1552	8.9	63936.1	-2042.7	1642	8.0	65119.6	-2051.5	1732	9.4	70111.3	-2040.1
1463	9.5	63037.1	-2014.8	1553	9.4	63939.0	-2032.4	1643	9.4	65124.6	-2018.0	1733	9.4	70114.9	-2032.9
1464	9.2	63047.8	-2023.0	1554	9.5	63940.5	-2034.3	1644	9.5	65137.8	-2001.2	1734	9.8	70119.3	-2039.9
1465	10.	63048.4	-2049.0	1555	7.6	63944.0	-2037.7	1645	9.2	65146.6	-2046.6	1735	9.4	70119.3	-2046.0
1466	9.1	63055.4	-2026.8	1556	9.5	63949.8	-2034.3	1646	9.5	65156.9	-2035.2	1736	10.	70138.2	-2032.4
1467	9.2	63102.3	-2056.0	1557	8.3	63950.5	-2027.1	1647	9.5	65157.2	-2023.0	1737	9.5	70145.9	-2008.1
1468	9.5	63104.3	-2053.6	1558	9.7	63951.4	-2038.2	1648	9.4	65201.3	-2003.3	1738	9.3	70150.4	-2019.1
1469	9.0	63105.2	-2019.5	1559	9.8	63953.1	-2033.2	1649	9.6	65207.2	-2054.4	1739	9.1	70155.1	-2031.2
1470	9.2	63110.4	-2027.9	1560	8.1	63953.7	-2036.1	1650	8.8	65207.8	-2020.0	1740	7.0	70206.6	-2037.9
1471	9.8	63132.6	-2006.6	1561	9.4	63959.2	-2045.3	1651	9.9	65208.9	-2057.9	1741	9.8	70213.0	-2029.4
1472	9.6	63136.0	-2009.1	1562	8.8	64001.9	-2039.4	1652	9.7	65217.6	-2051.0	1742	9.6	70220.9	-2004.4
1473	9.5	63140.3	-2058.3	1563	9.0	64002.5	-2036.5	1653	9.7	65218.9	-2044.0	1743	9.5	70221.8	-2052.7
1474	9.4	63203.8	-2020.3	1564	9.4	64009.3	-2040.8	1654	8.3	65228.7	-2025.8	1744	9.8	70226.1	-2033.0
1475	9.5	63212.4	-2059.8	1565	9.4	64011.2	-2031.7	1655	9.4	65249.3	-2028.7	1745	9.0	70227.3	-2044.5
1476	9.9	63225.3	-2058.5	1566	9.7	64012.4	-2030.4	1656	10.	65250.5	-2048.0	1746	9.1	70238.3	-2016.5
1477	9.8	63242.6	-2011.6	1567	9.7	64013.2	-2047.4	1657	8.5	65252.4	-2035.9	1747	9.7	70238.6	-2009.6
1478	9.8	63249.5	-2039.3	1568	8.2	64019.8	-2039.6	1658	9.5	65252.7	-2027.2	1748	9.8	70259.5	-2025.6
1479	9.2	63249.8	-2023.8	1569	9.0	64020.7	-2025.4	1659	9.6	65254.4	-2024.5	1749	8.7	70304.8	-2036.9
1480	9.5	63301.9	-2029.4	1570	9.3	64020.9	-2033.5	1660	8.5	65301.7	-2058.5	1750	9.7	70305.6	-2047.7
1481	9.2	63301.9	-2059.0	1571	9.8	64034.7	-2031.4	1661	9.3	65307.4	-2057.1	1751	9.8	70325.8	-2017.0
1482	9.3	63307.6	-2009.0	1572	9.8	64035.8	-2038.7	1662	9.5	65323.3	-2006.6	1752	9.1	70330.7	-2025.8
1483	9.0	63319.0	-2030.9	1573	9.8	64042.0	-2029.9	1663	9.1	65323.9	-2035.9	1753	9.6	70336.9	-2010.5
1484	9.1	63335.1	-2034.0	1574	9.9	64048.8	-2044.2	1664	9.5	65327.1	-2040.4	1754	8.8	70338.5	-2026.9
1485	9.5	63335.6	-2008.4	1575	8.4	64048.8	-2031.1	1665	9.8	65332.2	-2021.8	1755	10.	70343.7	-2057.4
1486	9.4	63346.7	-2043.5	1576	6.0	64049.1	-2051.7	1666	9.0	65349.7	-2024.6	1756	9.5	70347.0	-2019.2
1487	10.	63354.4	-2057.8	1577	8.1	64053.2	-2056.9	1667	9.4	65405.1	-2055.5	1757	9.4	70357.6	-2054.8
1488	9.5	63357.8	-2053.8	1578	9.1	64059.6	-2010.4	1668	9.5	65407.6	-2014.7	1758	7.8	70412.7	-2002.4
1489	9.5	63401.0	-2033.2	1579	8.8	64106.5	-2008.8	1669	9.5	65411.1	-2047.7	1759	9.3	70436.3	-2006.4
1490	8.5	63413.1	-2055.5	1580	9.8	64118.9	-2026.7	1670	7.5	65420.2	-2026.4	1760	9.7	70438.9	-2052.9
1491	10.	63423.3	-2051.5	1581	9.4	64119.8	-2037.9	1671	8.2	65425.4	-2028.5	1761	9.0	70446.7	-2003.1
1492	9.2	63425.2	-2042.3	1582	9.1	64132.5	-2011.3	1672	9.1	65433.4	-2034.5	1762	9.6	70448.9	-2002.5
1493	9.7	63444.7	-2043.2	1583	9.4	64152.4	-2026.7	1673	9.1	65435.9	-2057.0	1763	9.9	70501.7	-2002.5
1494	8.7	63510.7	-2043.0	1584	9.4	64205.3	-2058.0	1674	9.4	65446.0	-2012.5	1764	10.	70503.6	-2046.0
1495	6.8	63514.1	-2010.6	1585	9.3	64223.7	-2053.5	1675	9.0	65500.7	-2022.0	1765	9.9	70508.6	-2026.7
1496	9.0	63525.4	-2026.7	1586	9.8	64225.0	-2035.3	1676	9.8	65503.5	-2016.2	1766	9.6	70509.9	-2033.0
1497	9.5	63528.0	-2007.3	1587	9.1	64229.8	-2057.5	1677	9.5	65513.2	-2021.7	1767	6.2	70526.1	-2038.7
1498	7.3	63541.0	-2006.4	1588	9.3	64233.2	-2014.8	1678	9.5	65527.4	-2010.8	1768	9.8	70535.2	-2056.4
1499	9.0	63544.9	-2025.8	1589	9.0	64235.1	-2016.1	1679	9.8	65527.7	-2052.4	1769	9.7	70541.7	-2009.3
1500	9.4	63548.6	-2007.5	1590	9.1	64247.9	-2030.4	1680	9.8	65528.0	-2004.3	1770	8.9	70548.3	-2009.9
1501	9.5	63550.6	-2031.6	1591	9.8	64254.8	-2000.3	1681	9.8	65530.6	-2025.5	1771	10.	70548.6	-2044.0
1502	8.8	63559.1	-2058.8	1592	10.	64307.8	-2046.3	1682	9.0	65532.4	-2045.2	1772	9.7	70550.0	-2024.9
1503	9.1	63608.0	-2043.3	1593	9.4	64310.6	-2009.6	1683	10.	65533.7	-2021.2	1773	9.8	70554.8	-2045.0
1504	9.8	63613.4	-2040.4	1594	9.0	64338.2	-2017.6	1684	9.5	65542.0	-2039.0	1774	9.7	70602.0	-2013.1
1505	9.2	63615.4	-2037.2	1595	9.5	64339.1	-2025.0	1685	9.5	65558.4	-2007.7	1775	9.0	70604.9	-2022.2
1506	9.0	63616.9	-2026.1	1596	8.8	64340.3	-2055.5	1686	9.2	65618.3	-2027.6	1776	9.5	70607.3	-2009.7
1507	9.5	63618.8	-2034.9	1597	9.5	64341.0	-2038.4	1687	9.0	65623.6	-2054.0	1777	9.4	70610.5	-2005.5
1508	8.7	63646.4	-2000.8	1598	9.5	64407.5	-2010.3	1688	9.2	65624.1	-2046.6	1778	9.0	70613.7	-2024.0
1509	8.7	63653.3	-2018.4	1599	9.0	64416.8	-2011.7	1689	9.2	65632.9	-2007.2	1779	9.0	70615.6	-2049.3
1510	9.1	63658.8	-2019.7	1600	9.8	64422.2	-2049.4	1690	9.5	65644.5	-2049.2	1780	8.8	70622.5	-2036.8
1511	10.	63703.6	-2045.9	1601	9.0	64429.7	-2046.1	1691	8.7	65648.8	-2032.5	1781	9.2	70637.8	-2046.3
1512	9.4	63704.8	-2053.5	1602	7.6	64431.4	-2040.3	1692	10.	65702.1	-2043.5	1782	8.2	70652.9	-2020.5
1513	9.5	63711.3	-2022.7	1603	7.5	64439.0	-2044.7	1693	9.1	65706.4	-2027.1	1783	9.3	70655.5	-2037.9
1514	9.3	63733.0	-2035.5	1604	9.7	64503.1	-2047.4	1694	9.1	65720.0	-2052.5	1784	9.7	70707.3	-2045.2
1515	9.1	63741.2	-2014.7	1605	9.6	64504.3	-2006.8	1695	9.1	65721.3	-2054.7	1785	9.0	70713.0	-2029.4
1516	9.4	63803.9	-2053.1	1606	9.5	64504.9	-2031.1	1696	9.4	65723.5	-2032.9	1786	8.4	70714.5	-2052.9
1517	9.3	63805.5	-2037.2	1607	9.4	64516.5	-2006.3	1697*	9.5	65726.4	-2028.0	1787	9.5	70715.2	-2045.9
1518	9.4	63808.9	-2025.4	1608	9.5	64522.8	-2058.5	1698	9.0	65728.4	-2012.8	1788	9.6	70722.0	-2021.4
1519	9.4	63823.3	-2057.4	1609	9.4	64527.4	-2057.6	1699	9.1	65739.3	-2029.3	1789	9.3	70728.2	-2012.5
1520	8.9	63824.4	-2015.8	1610	9.8	64538.2	-2052.7	1700	9.6	65743.9	-2046.3	1790	9.3	70731.8	-2011.3
1521	9.6	63826.8	-2001.0	1611	10.	64557.7	-2050.0	1701	9.8	65805.4	-2059.6	1791	9.1	70738.3	-2054.1
1522	8.6	63828.0	-2018.4	1612	9.5	64606.0	-2035.7	1702	9.8	65813.1	-2054.8	1792	9.0	70739.5	-2016.9
1523	9.9	63830.2	-2025.4	1613	9.5	64609.0	-2009.2	1703	9.7	65824.3	-2018.8	1793	9.4	70739.8	-2008.0
1524	9.8	63852.1	-2038.6	1614	8.8	64619.5	-2040.2	1704	9.5	65837.0	-2018.8	1794	10.	70751.4	-2019.8
1525	9.7	63852.4	-2031.7	1615	9.8	64645.3	-2021.7	1705	9.3	65837.6	-2059.5	1795	8.9	70757.7	-2051.8
1526	9.1	63854.1	-2019.9	1616	5.4	64716.3	-2002.7	1706	7.3	65838.8	-2036.6	1796	8.5	70807.3	-2040.3
1527	9.8	63854.1	-2016.5	1617	9.2	64720.7	-2019.6	1707	8.8	65842.7	-2050.6	1797	9.7	70808.9	-2000.3
1528	9.7	63854.5	-2045.2	1618	9.5	64740.5	-2016.2	1708	9.5	65845.8	-2035.1	1798	8.9	70811.3	-2051.6
1529	9.7	63901.8	-2048.7	1619	9.7	64743.8	-2039.7	1709	8.5	65852.2	-2030.0	1799	9.3	70817.1	-2053.8
1530	9.8	63903.5	-2038.6	1620	9.5	64806.6	-2017.1	1710	9.7	65903.1	-2000.8	1800	9.4	70817.7	-2046.0
1531	9.6	63903.6	-2025.0	1621	9.8	64810.8	-2028.7	1711	9.0	65908.9	-2011.8	1801	8.9	70825.2	-2049.7
1532	9.5	63905.1	-2022.4	1622	9.8	64827.5	-2016.1	1712	10.	65913.8	-2045.0	1802	9.1	70832.0	-2012.3
1533	9.1	63910.3	-2016.8	1623	9.2	64846.8	-2029.5	1713	9.8	65915.4	-2042.8	1803	9.5	70832.9	-2035.9
1534	8.9	63912.5	-2049.2	1624	6.8	64847.3	-2013.6	1714	8.7	65926.8	-2034.5	1804	8.2	70833.1	-2046.4
1535	8.6	63914.7	-2041.3	1625	9.1	64848.0	-2014.2	1715	9.5	65930.0	-2043.8	1805	9.5	70841.4	-2022.3
1536	10.	63914.9	-2046.8	1626	9.2	64857.5	-2046.8	1716	10.	65932.7	-2048.5	1806	9.1	70855.7	-2006.0
1537	9.8	63918.4	-2027.3	1627	9.4	64948.4	-2032.7	1717	10.	65933.1	-2058.0	1807	9.8	70902.5	-2030.4
1538	8.8	63920.3	-2004.4	1628	9.2	65001.9	-2011.5	1718	9.8	65946.0	-2054.9	1808	10.	70904.8	-2031.2
1539	9.9	63920.7	-2050.8	1629	9.5	65004.2	-2028.7	1719	9.8	70001.2	-2050.9	1809	8.9	70905.5	-2043.5
1540	9.2	63921.0	-2028.0	1630	9.5	65004.8	-2018.2	1720	8.9	70004.1	-2047.8	1810	9.8	70907.2	-2037.1
1541	9.8	63922.0	-2016.2	1631	9.5	65027.5	-2008.4	1721	9.8	70024.1	-2029.6	1811	10.	70923.3	-2059.1
1542	9.3	63922.0	-2034.7	1632	10.	65037.2	-2007.2	1722	9.5	70037.5	-2012.8	1812	10.	70923.3	-2037.1
1543	8.8	63922.1	-2032.1	1633	9.5	65038.6	-2057.7	1723	9.5	70050.2	-2004.9	1813	9.8	70929.4	-2049.5
1544	9.2	63922.9	-2022.1	1634	8.2	65042.6	-2054.7	1724	9.8	70050.6	-2046.4	1814	9.2	70933.6	-2005.9

1815	9.8	70935.2	-2016.3	1905	9.8	71757.4	-2021.5	1995	9.5	72516.3	-2040.8	2085	9.8	73237.0	-2011.8
1816	9.1	70940.2	-2019.1	1906	9.1	71803.8	-2049.7	1996	9.3	72516.5	-2051.4	2086	9.7	73252.3	-2037.3
1817	9.2	70943.1	-2006.3	1907	9.8	71813.7	-2007.0	1997	9.8	72519.5	-2011.1	2087	9.0	73253.2	-2001.8
1818	9.5	70943.5	-2057.0	1908	9.4	71815.2	-2019.5	1998	9.6	72525.3	-2053.0	2088	9.8	73303.6	-2052.8
1819	9.2	70958.5	-2009.0	1909	9.5	71815.5	-2040.2	1999	8.0	72533.6	-2037.4	2089	9.4	73304.5	-2018.7
1820	9.2	70958.9	-2055.7	1910	10.	71820.3	-2002.3	2000	9.4	72543.9	-2059.8	2090	9.1	73307.4	-2020.6
1821	10.	71002.4	-2022.0	1911	9.3	71824.6	-2030.4	2001	9.8	72544.7	-2026.0	2091	9.5	73308.0	-2012.5
1822	9.2	71008.3	-2055.6	1912	9.3	71825.8	-2025.7	2002	9.6	72545.0	-2049.1	2092	9.7	73315.2	-2052.4
1823	9.8	71019.8	-2015.0	1913	9.4	71827.4	-2039.0	2003	8.3	72548.6	-2014.4	2093	10.	73319.0	-2052.5
1824	9.3	71027.3	-2041.8	1914	9.4	71833.3	-2039.1	2004	10.	72614.4	-2043.3	2094	9.9	73322.0	-2053.0
1825	9.8	71028.1	-2037.1	1915	8.7	71844.4	-2044.4	2005	9.7	72616.5	-2042.5	2095	9.6	73331.8	-2004.8
1826	9.4	71040.0	-2058.8	1916	8.5	71846.2	-2052.9	2006	9.9	72620.1	-2027.3	2096	9.7	73334.1	-2056.1
1827	9.6	71041.5	-2057.5	1917	9.1	71847.0	-2004.8	2007	10.	72620.9	-2021.4	2097	9.2	73335.4	-2024.6
1828	9.4	71049.1	-2008.1	1918	9.4	71849.1	-2043.9	2008	9.4	72625.3	-2007.5	2098	8.8	73344.1	-2029.0
1829	9.5	71050.1	-2058.5	1919	7.3	71852.1	-2053.4	2009	8.6	72628.4	-2028.8	2099	9.6	73349.2	-2054.0
1830	7.3	71050.1	-2055.7	1920	8.5	71856.1	-2044.3	2010	9.3	72629.5	-2010.9	2100	9.1	73349.4	-2057.8
1831	9.5	71059.9	-2018.4	1921	9.8	71901.8	-2022.5	2011	8.6	72630.0	-2036.1	2101	9.2	73358.4	-2057.9
1832	8.7	71109.1	-2012.4	1922	9.3	71909.8	-2008.2	2012	9.3	72636.9	-2011.7	2102	9.3	73400.2	-2013.8
1833	8.3	71109.6	-2056.3	1923	9.7	71911.4	-2019.1	2013	9.4	72641.3	-2036.8	2103	9.8	73400.3	-2037.9
1834	9.4	71113.2	-2048.5	1924	9.5	71913.0	-2003.1	2014	9.3	72646.4	-2024.7	2104	8.8	73409.8	-2041.5
1835	9.8	71117.7	-2002.5	1925	9.8	71914.5	-2054.1	2015	8.7	72652.7	-2023.8	2105	9.1	73413.6	-2024.8
1836	9.4	71121.8	-2011.6	1926	10.	71917.9	-2028.1	2016	9.4	72652.8	-2019.8	2106	8.8	73415.1	-2025.4
1837	8.7	71125.1	-2037.9	1927	9.7	71918.6	-2007.7	2017	9.1	72659.2	-2001.8	2107	8.8	73419.2	-2053.9
1838	10.	71139.3	-2009.1	1928	9.8	71919.3	-2045.5	2018	9.8	72703.9	-2057.7	2108	9.4	73422.7	-2018.2
1839	9.4	71143.2	-2013.5	1929	9.5	71928.7	-2003.5	2019	9.4	72706.7	-2058.7	2109	8.2	73427.3	-2037.3
1840	9.7	71146.2	-2040.0	1930	9.3	71930.3	-2036.8	2020	9.7	72712.0	-2049.9	2110	9.5	73431.9	-2052.6
1841	9.5	71153.5	-2038.5	1931	8.0	71931.4	-2040.4	2021	9.4	72715.4	-2026.1	2111	9.4	73435.4	-2057.0
1842	9.4	71155.9	-2021.2	1932	9.5	71933.1	-2048.7	2022	9.8	72718.3	-2043.4	2112	8.7	73439.5	-2001.6
1843	9.2	71159.4	-2050.1	1933	9.3	71936.3	-2036.3	2023	9.7	72720.2	-2009.8	2113	10.	73446.8	-2040.9
1844	9.7	71201.9	-2025.2	1934	9.5	71940.0	-2059.3	2024	9.6	72729.6	-2018.1	2114	7.8	73451.9	-2055.1
1845	8.9	71203.8	-2037.4	1935	8.2	71953.3	-2006.8	2025	9.2	72735.4	-2030.2	2115	10.	73453.8	-2046.2
1846	9.1	71204.7	-2055.1	1936	7.3	71955.8	-2037.1	2026	9.2	72738.5	-2040.0	2116	9.0	73456.6	-2001.6
1847	8.7	71206.5	-2020.4	1937	9.4	72000.6	-2036.4	2027	9.1	72747.4	-2024.3	2117	8.7	73509.7	-2023.0
1848	9.7	71217.6	-2012.2	1938	9.7	72006.2	-2026.4	2028	9.5	72751.2	-2004.6	2118	9.3	73511.3	-2009.4
1849	10.	71235.8	-2039.2	1939	9.5	72007.3	-2048.2	2029	9.3	72753.2	-2034.4	2119	8.7	73514.4	-2054.6
1850	9.0	71249.9	-2022.0	1940	9.2	72009.9	-2014.3	2030	9.2	72758.5	-2044.0	2120	9.8	73519.7	-2024.0
1851	8.9	71252.9	-2023.8	1941	9.3	72011.9	-2042.4	2031	10.	72801.9	-2055.4	2121	9.8	73520.8	-2046.8
1852	9.5	71257.6	-2002.0	1942	9.1	72014.0	-2000.3	2032	9.8	72807.5	-2011.5	2122	10.	73527.3	-2052.5
1853	10.	71315.6	-2059.9	1943	9.9	72024.2	-2026.4	2033	8.8	72811.2	-2041.6	2123	10.	73530.7	-2058.2
1854	9.7	71335.9	-2037.7	1944	9.4	72028.7	-2019.3	2034	9.5	72813.4	-2006.1	2124	9.7	73531.8	-2047.4
1855	10.	71336.2	-2051.7	1945	9.5	72030.5	-2037.8	2035	9.8	72815.3	-2017.1	2125	9.8	73537.3	-2047.7
1856	9.9	71337.8	-2006.5	1946	9.4	72042.0	-2036.9	2036	8.8	72815.9	-2007.6	2126	9.8	73541.9	-2009.1
1857	7.4	71347.5	-2026.0	1947	10.	72049.6	-2006.7	2037	7.7	72818.0	-2059.6	2127	9.2	73552.0	-2044.6
1858	9.1	71348.7	-2012.9	1948	9.5	72057.1	-2020.0	2038	9.1	72821.2	-2044.6	2128	9.2	73556.0	-2014.2
1859	9.0	71350.9	-2028.3	1949	9.5	72108.8	-2029.7	2039	8.7	72826.5	-2040.3	2129	9.7	73606.3	-2013.1
1860	9.3	71351.4	-2052.8	1950	9.1	72109.8	-2029.7	2040	9.3	72828.1	-2030.5	2130	9.7	73613.1	-2001.3
1861	9.8	71355.0	-2052.3	1951	7.8	72117.9	-2051.5	2041	9.2	72844.1	-2020.4	2131	9.1	73617.3	-2021.2
1862	10.	71407.1	-2046.8	1952	9.5	72128.0	-2037.2	2042	9.4	72844.5	-2002.6	2132	9.3	73618.5	-2021.2
1863	9.7	71411.0	-2047.1	1953	9.0	72135.9	-2012.3	2043	9.8	72851.3	-2052.2	2133	8.5	73627.2	-2001.6
1864	9.7	71414.8	-2031.2	1954	9.8	72142.0	-2014.7	2044	9.3	72854.4	-2032.6	2134	8.9	73628.7	-2019.9
1865	9.3	71417.8	-2013.4	1955	8.8	72149.7	-2054.5	2045	9.7	72855.5	-2039.2	2135	9.8	73636.2	-2030.7
1866	9.2	71420.5	-2057.4	1956	9.6	72157.4	-2046.7	2046	9.5	72859.1	-2033.4	2136	9.2	73638.3	-2049.8
1867	10.	71430.7	-2050.5	1957	9.5	72200.8	-2052.4	2047	10.	72906.7	-2025.8	2137	9.8	73641.8	-2035.8
1868	9.3	71434.5	-2042.9	1958	9.3	72214.7	-2052.3	2048	8.5	72908.5	-2011.1	2138	9.7	73655.2	-2022.0
1869	7.8	71437.2	-2022.7	1959	9.8	72217.3	-2057.7	2049	9.5	72913.8	-2057.3	2139	9.6	73655.6	-2029.4
1870	9.2	71444.7	-2041.9	1960	10.	72217.4	-2036.1	2050	9.5	72913.9	-2002.8	2140	9.7	73656.6	-2044.1
1871	9.8	71451.4	-2023.3	1961	8.9	72223.4	-2021.2	2051	8.9	72916.5	-2013.0	2141	9.8	73707.1	-2041.3
1872	9.7	71453.7	-2027.6	1962	9.4	72228.5	-2030.8	2052	9.3	72922.3	-2005.7	2142	9.1	73708.4	-2030.0
1873	9.7	71457.5	-2052.2	1963	9.7	72240.4	-2058.6	2053	9.5	72938.7	-2046.1	2143	9.5	73711.7	-2019.1
1874	9.2	71457.9	-2030.1	1964	9.5	72240.8	-2000.5	2054	9.8	72939.8	-2022.6	2144	9.7	73712.5	-2009.2
1875	9.2	71458.8	-2002.2	1965	9.2	72241.7	-2020.5	2055	10.	72943.8	-2022.1	2145	8.0	73718.0	-2056.2
1876	9.5	71502.8	-2042.5	1966	9.1	72245.2	-2034.7	2056	9.8	72947.7	-2035.2	2146	9.3	73722.9	-2029.8
1877	9.8	71512.7	-2049.8	1967	10.	72259.3	-2021.0	2057	9.8	72950.9	-2016.9	2147	9.8	73726.8	-2007.6
1878	9.8	71520.2	-2009.7	1968	9.1	72303.3	-2043.1	2058	8.8	72952.9	-2055.2	2148	9.7	73740.9	-2045.0
1879	8.8	71525.6	-2015.6	1969	9.1	72309.3	-2000.9	2059	10.	72958.4	-2017.7	2149	8.6	73742.9	-2041.6
1880	9.7	71526.2	-2029.7	1970	9.6	72316.4	-2032.1	2060	10.	72959.7	-2015.9	2150	9.8	73746.2	-2018.0
1881	8.9	71528.8	-2008.1	1971	8.8	72339.0	-2030.2	2061	9.8	73006.7	-2021.5	2151	10.	73752.1	-2036.0
1882	9.8	71537.3	-2035.4	1972	9.8	72339.4	-2015.9	2062	9.3	73034.6	-2056.3	2152	9.1	73813.9	-2039.8
1883	9.8	71542.8	-2048.7	1973	9.7	72348.3	-2011.0	2063	8.8	73036.4	-2035.9	2153	8.9	73820.5	-2007.3
1884	9.8	71546.8	-2048.6	1974	10.	72349.2	-2020.4	2064	9.3	73037.6	-2056.3	2154	9.9	73823.3	-2050.0
1885	9.5	71549.1	-2000.3	1975	9.5	72354.6	-2012.4	2065	8.6	73039.7	-2043.9	2155	9.8	73830.6	-2001.6
1886	9.5	71553.0	-2000.5	1976	10.	72358.3	-2047.1	2066	9.0	73040.4	-2035.1	2156	8.7	73834.4	-2042.6
1887	10.	71601.9	-2031.3	1977	9.6	72359.8	-2026.1	2067	9.0	73046.5	-2015.1	2157	9.2	73838.6	-2021.7
1888	9.1	71604.0	-2017.0	1978	9.5	72407.7	-2049.7	2068	9.8	73046.8	-2013.2	2158	9.8	73838.7	-2002.5
1889	7.8	71606.1	-2013.7	1979	9.5	72408.3	-2057.3	2069	9.5	73047.4	-2010.5	2159	8.5	73852.7	-2028.0
1890	9.2	71610.8	-2034.5	1980	7.7	72409.8	-2030.6	2070	10.	73053.1	-2007.4	2160	10.	73902.2	-2050.0
1891	9.2	71619.7	-2038.4	1981	9.8	72412.4	-2014.9	2071	10.	73056.4	-2003.6	2161*	9.8	73912.0	-2023.8
1892	8.8	71622.3	-2055.0	1982	9.3	72422.1	-2010.4	2072	9.0	73059.8	-2017.2	2162	9.9	73912.2	-2044.6
1893	9.4	71625.9	-2053.1	1983	9.2	72423.4	-2001.2	2073	9.8	73117.8	-2013.9	2163	9.8	73922.2	-2002.5
1894	9.2	71633.6	-2028.4	1984	9.5	72428.9	-2038.4	2074	9.5	73121.9	-2001.2	2164	10.	73924.7	-2050.0
1895	9.4	71634.0	-2030.4	1985	9.1	72431.6	-2042.6	2075	9.8	73127.0	-2021.7	2165	10.	73926.1	-2042.2
1896	9.4	71636.5	-2036.3	1986	10.	72435.4	-2039.7	2076	9.8	73146.7	-2036.0	2166	8.5	73933.8	-2017.3
1897	9.8	71641.6	-2053.0	1987	9.8	72439.3	-2023.9	2077	9.4	73152.6	-2025.3	2167	8.5	73934.8	-2020.4
1898	10.	71653.5	-2035.1	1988	9.4	72448.4	-2013.0	2078	9.7	73202.2	-2052.6	2168	9.3	73935.5	-2052.0
1899	8.9	71654.6	-2031.2	1989	9.4	72458.7	-2026.5	2079	9.8	73203.4	-2038.2	2169	9.8	73937.7	-2037.1
1900	9.5	71704.3	-2036.1	1990	9.8	72502.9	-2052.7	2080	9.3	73205.8	-2026.9	2170	10.	73939.9	-2003.4
1901	8.7	71709.8	-2024.7	1991	9.0	72503.9	-2055.9	2081	9.9	73213.7	-2031.9	2171	10.	73943.2	-2024.8
1902	9.2	71727.8	-2031.5	1992	9.4	72505.1	-2026.6	2082	9.6	73219.0	-2047.5	2172	8.5	73946.8	-2024.6
1903	8.5	71736.2	-2025.7	1993	10.	72512.7	-2025.2	2083	9.8	73220.6	-2033.6	2173	8.9	73949.9	-2052.4
1904	9.9	71749.8	-2016.3	1994	9.6	72513.3	-2040.2	2084	8.9	73236.8	-2022.7	2174	10.	73950.6	-2017.6

2175	9.6	73952.1	-2030.4	2265	9.2	74814.2	-2007.4	2355	9.5	75632.5	-2044.1	2445	9.7	80700.7	-2056.7
2176	9.7	73959.8	-2011.2	2266	9.2	74818.3	-2022.4	2356	9.4	75638.6	-2008.4	2446	8.7	80705.6	-2008.5
2177	9.5	74005.1	-2026.2	2267	9.5	74825.1	-2057.6	2357	9.5	75640.1	-2001.2	2447	9.1	80714.5	-2048.0
2178	9.7	74018.1	-2006.4	2268	9.8	74826.7	-2030.3	2358	9.2	75643.7	-2042.7	2448	9.7	80716.9	-2048.3
2179	9.8	74021.9	-2002.6	2269	9.8	74832.0	-2054.8	2359	8.3	75719.1	-2022.2	2449	8.7	80736.2	-2056.4
2180	10.	74023.7	-2045.9	2270	9.4	74833.6	-2005.0	2360	9.5	75732.8	-2027.2	2450	9.4	80741.9	-2021.7
2181	7.2	74025.7	-2028.5	2271	9.4	74836.1	-2007.4	2361	9.3	75733.4	-2034.7	2451	9.0	80742.2	-2057.0
2182	9.8	74036.6	-2009.5	2272	9.5	74841.3	-2001.7	2362	9.3	75734.0	-2029.7	2452	9.1	80810.0	-2041.9
2183	9.3	74039.8	-2048.2	2273	9.8	74847.8	-2032.8	2363	9.4	75740.8	-2025.9	2453	9.5	80837.1	-2022.5
2184	9.3	74046.1	-2029.2	2274	9.5	74850.9	-2000.7	2364	9.8	75743.2	-2010.8	2454	8.5	80843.1	-2054.1
2185	9.2	74046.6	-2058.1	2275	9.5	74900.7	-2057.9	2365	7.3	75744.2	-2057.9	2455	9.5	80844.3	-2049.1
2186	8.9	74058.0	-2022.8	2276	9.1	74902.8	-2050.4	2366	9.4	75746.3	-2019.2	2456	9.5	80847.0	-2041.3
2187	9.8	74058.1	-2010.9	2277	9.2	74924.6	-2015.7	2367	9.8	75752.6	-2050.8	2457	9.6	80900.5	-2018.5
2188	9.8	74059.4	-2005.9	2278	9.2	74927.7	-2049.5	2368	9.1	75755.3	-2055.9	2458	9.4	80915.2	-2016.5
2189	10.	74104.3	-2041.7	2279	9.3	74928.0	-2023.5	2369	9.1	75818.5	-2051.7	2459	9.8	80925.3	-2040.5
2190	9.2	74105.5	-2032.8	2280	9.3	74936.1	-2023.3	2370	9.3	75828.8	-2051.1	2460	9.2	80930.3	-2005.9
2191	8.5	74108.2	-2025.9	2281	9.5	74944.9	-2007.0	2371	9.5	75836.0	-2014.8	2461	9.7	80933.3	-2043.1
2192	9.7	74108.6	-2022.5	2282	9.5	74950.5	-2037.0	2372	9.5	75848.1	-2007.6	2462	9.2	80943.0	-2040.8
2193	10.	74122.7	-2050.7	2283	9.8	74950.9	-2028.5	2373	9.8	75848.9	-2058.5	2463	10.	80958.4	-2048.3
2194	9.3	74129.3	-2030.9	2284	7.1	74959.1	-2004.7	2374	9.8	75853.8	-2022.4	2464	9.7	81003.7	-2048.6
2195	9.3	74142.4	-2059.1	2285	9.3	75008.1	-2036.3	2375	8.7	75856.2	-2030.2	2465	9.8	81011.9	-2002.3
2196	9.8	74146.5	-2047.3	2286	9.7	75009.0	-2024.1	2376	9.8	75909.2	-2019.1	2466	8.3	81012.6	-2034.6
2197	9.2	74156.2	-2016.3	2287	9.2	75010.2	-2028.2	2377	9.3	75921.9	-2038.9	2467	6.6	81031.0	-2052.5
2198	9.7	74156.2	-2038.6	2288	8.3	75015.3	-2041.0	2378	9.8	75923.3	-2024.1	2468	9.8	81035.8	-2045.0
2199	9.5	74159.5	-2044.9	2289	9.8	75020.8	-2005.4	2379	10.	75923.7	-2015.1	2469	9.0	81038.5	-2007.1
2200	9.8	74202.1	-2037.4	2290	9.7	75024.2	-2002.7	2380	8.2	75932.5	-2032.5	2470	9.0	81039.7	-2015.4
2201	9.9	74208.2	-2034.5	2291	10.	75033.5	-2029.5	2381	9.8	75938.9	-2035.3	2471	9.4	81047.9	-2034.7
2202	9.2	74210.8	-2038.3	2292	9.6	75035.2	-2040.1	2382	8.7	75942.6	-2006.4	2472	10.	81054.6	-2049.7
2203	9.5	74223.1	-2044.4	2293	9.8	75037.5	-2046.8	2383	9.8	75947.8	-2055.7	2473	9.5	81059.7	-2017.7
2204	9.9	74229.7	-2010.5	2294	9.5	75048.0	-2031.2	2384	9.3	75949.1	-2027.0	2474	9.5	81105.6	-2048.8
2205	9.7	74234.6	-2019.0	2295	9.4	75049.2	-2020.1	2385	9.0	75954.9	-2012.1	2475	9.1	81107.9	-2037.2
2206	9.9	74243.6	-2032.3	2296	9.4	75059.9	-2049.5	2386	9.0	80013.2	-2058.0	2476	9.3	81126.0	-2048.3
2207	9.6	74254.2	-2013.4	2297	9.4	75115.6	-2000.1	2387	8.7	80017.2	-2007.2	2477	9.0	81131.0	-2029.0
2208	9.6	74256.1	-2012.8	2298	9.4	75120.0	-2000.1	2388	9.8	80021.1	-2022.5	2478	9.8	81154.8	-2057.8
2209	10.	74300.4	-2018.0	2299	9.7	75124.5	-2046.2	2389	9.6	80031.2	-2024.3	2479	9.3	81157.4	-2058.2
2210	9.5	74301.3	-2032.3	2300	9.0	75127.7	-2007.7	2390	9.8	80034.9	-2042.5	2480	8.7	81218.4	-2005.6
2211	7.9	74312.8	-2055.0	2301	9.2	75130.9	-2022.0	2391	9.3	80042.3	-2052.6	2481	9.1	81223.2	-2021.7
2212	9.2	74314.3	-2001.6	2302	7.7	75131.8	-2002.2	2392	9.4	80047.8	-2051.9	2482	9.4	81233.8	-2004.1
2213	10.	74326.6	-2056.3	2303	9.7	75138.1	-2037.1	2393	9.6	80047.9	-2008.2	2483	9.8	81237.9	-2030.2
2214	9.5	74326.7	-2011.1	2304	9.6	75142.8	-2037.9	2394	9.3	80049.8	-2023.0	2484	9.8	81252.4	-2006.8
2215	9.5	74327.0	-2008.2	2305	8.5	75152.8	-2012.7	2395	5.8	80054.2	-2007.9	2485	9.8	81254.3	-2045.0
2216	9.4	74331.1	-2007.1	2306	9.3	75204.0	-2000.7	2396	8.9	80119.9	-2016.2	2486	9.5	81301.7	-2042.7
2217	9.3	74345.0	-2041.7	2307	9.4	75206.6	-2025.2	2397	9.5	80129.1	-2028.8	2487	9.5	81306.8	-2025.3
2218	8.9	74348.5	-2028.6	2308	10.	75215.4	-2050.7	2398	9.0	80133.0	-2044.1	2488	8.0	81308.6	-2047.7
2219	9.2	74349.7	-2058.2	2309	9.5	75218.2	-2000.5	2399	9.5	80152.8	-2006.6	2489	9.2	81323.8	-2024.2
2220	9.2	74402.7	-2023.4	2310	9.5	75221.1	-2049.0	2400	9.6	80155.4	-2016.5	2490	9.4	81330.0	-2008.6
2221	9.7	74428.8	-2019.1	2311	9.8	75222.9	-2024.6	2401	9.1	80202.2	-2006.2	2491	9.1	81341.7	-2049.5
2222	9.7	74429.0	-2005.0	2312	10.	75224.6	-2013.4	2402	9.0	80214.4	-2015.2	2492	9.8	81400.3	-2059.8
2223	10.	74433.2	-2051.8	2313	9.3	75229.5	-2057.5	2403	9.1	80230.5	-2018.5	2493	9.3	81402.4	-2009.0
2224	9.5	74444.0	-2017.9	2314	9.8	75231.0	-2026.7	2404	9.7	80232.3	-2056.3	2494	9.8	81416.7	-2057.0
2225	9.6	74452.2	-2058.3	2315	9.8	75235.9	-2040.0	2405	8.2	80238.4	-2004.6	2495	9.2	81443.7	-2045.5
2226	9.4	74452.9	-2051.4	2316	8.9	75239.7	-2051.5	2406	9.7	80247.4	-2034.0	2496	9.5	81501.0	-2012.2
2227	9.1	74459.6	-2034.0	2317	9.0	75241.9	-2042.5	2407	9.1	80248.5	-2041.6	2497	9.5	81503.6	-2037.3
2228	9.2	74505.0	-2045.4	2318	9.8	75242.2	-2004.0	2408	9.1	80249.5	-2043.5	2498	9.5	81504.0	-2059.3
2229	9.8	74509.8	-2041.8	2319	9.2	75302.0	-2041.1	2409	9.4	80253.7	-2052.2	2499	7.2	81505.1	-2020.0
2230	9.5	74512.7	-2056.8	2320	9.5	75303.6	-2017.7	2410	9.3	80316.6	-2048.0	2500	8.0	81517.5	-2013.7
2231	9.6	74514.2	-2058.6	2321	9.7	75307.6	-2030.2	2411	9.0	80326.8	-2022.7	2501	9.5	81532.9	-2032.9
2232	10.	74521.5	-2046.5	2322	9.6	75309.0	-2010.9	2412	9.4	80328.9	-2012.1	2502	9.2	81541.0	-2005.0
2233	9.2	74522.1	-2007.9	2323	9.8	75323.8	-2030.7	2413	9.8	80334.2	-2047.4	2503	9.5	81545.8	-2028.4
2234	9.1	74524.0	-2050.7	2324	8.7	75325.7	-2003.4	2414	9.5	80347.6	-2024.5	2504	8.5	81548.9	-2054.5
2235	5.6	74524.0	-2048.2	2325	9.8	75329.0	-2040.8	2415	9.2	80355.8	-2023.8	2505	9.8	81549.5	-2044.5
2236	7.4	74528.0	-2020.9	2326	9.6	75330.0	-2036.1	2416	9.0	80356.1	-2029.0	2506	9.0	81552.6	-2022.2
2237	9.5	74533.8	-2038.5	2327	9.2	75333.3	-2040.0	2417	9.3	80403.3	-2000.2	2507	8.5	81557.4	-2033.0
2238	8.8	74536.3	-2055.2	2328	8.2	75341.6	-2056.2	2418	9.2	80419.3	-2058.4	2508	9.8	81627.0	-2049.7
2239	9.8	74543.2	-2053.0	2329	9.1	75347.9	-2028.4	2419	8.7	80420.3	-2013.9	2509	9.4	81629.7	-2059.3
2240	9.8	74549.1	-2047.1	2330	9.7	75402.4	-2041.5	2420	9.7	80432.4	-2049.5	2510	8.6	81630.5	-2018.0
2241	9.3	74554.9	-2011.5	2331	9.7	75411.0	-2013.5	2421	9.5	80432.5	-2020.7	2511	8.9	81714.5	-2041.4
2242	9.2	74558.0	-2006.1	2332	9.8	75412.8	-2010.5	2422	9.2	80437.9	-2019.8	2512	8.9	81715.6	-2036.1
2243	9.4	74603.3	-2014.9	2333	9.2	75415.7	-2059.4	2423	9.8	80441.5	-2005.0	2513	9.5	81724.2	-2045.4
2244	9.8	74604.8	-2028.1	2334	9.7	75421.3	-2034.3	2424	9.5	80445.6	-2041.7	2514	9.5	81724.9	-2012.2
2245	9.3	74606.2	-2012.6	2335	9.7	75433.6	-2033.4	2425	9.4	80453.2	-2046.7	2515	9.0	81730.3	-2044.2
2246	9.2	74607.1	-2024.9	2336	9.3	75440.6	-2003.8	2426	9.5	80502.3	-2017.1	2516	8.9	81730.8	-2022.5
2247	9.0	74608.0	-2052.7	2337	9.0	75453.1	-2039.1	2427	9.9	80503.5	-2055.5	2517	9.0	81741.0	-2049.6
2248	9.4	74616.4	-2005.2	2338	9.5	75506.0	-2035.6	2428	10.	80515.8	-2042.8	2518	9.1	81802.2	-2016.4
2249	9.8	74632.9	-2057.1	2339	10.	75506.9	-2050.7	2429	9.4	80518.3	-2047.1	2519	9.5	81818.9	-2031.9
2250	9.8	74635.4	-2005.0	2340	8.7	75511.6	-2058.1	2430	9.5	80531.1	-2056.8	2520	8.5	81838.2	-2059.9
2251	8.7	74635.5	-2037.8	2341	9.5	75512.3	-2006.7	2431	9.4	80532.4	-2058.2	2521	8.7	81851.5	-2016.7
2252	9.1	74640.7	-2010.5	2342	9.4	75519.2	-2002.7	2432	9.0	80537.6	-2010.5	2522	5.8	81853.4	-2034.5
2253	9.2	74640.9	-2041.5	2343	7.8	75523.3	-2045.7	2433	9.4	80542.3	-2017.4	2523	9.4	81859.1	-2056.7
2254	9.1	74644.8	-2059.3	2344	8.5	75530.7	-2005.5	2434	9.2	80544.3	-2015.9	2524	9.5	81935.8	-2012.9
2255	9.8	74658.1	-2050.3	2345	8.4	75535.6	-2027.6	2435	10.	80601.6	-2028.1	2525	9.2	81944.9	-2046.8
2256	9.4	74702.9	-2012.6	2346	9.1	75551.3	-2014.6	2436	9.3	80602.1	-2003.8	2526	9.7	81946.6	-2026.9
2257	9.4	74712.8	-2035.2	2347	9.1	75553.4	-2019.2	2437	8.9	80609.7	-2036.5	2527	9.4	81950.8	-2037.9
2258	9.2	74716.6	-2033.0	2348	9.7	75601.0	-2042.9	2438	9.5	80613.5	-2003.4	2528	9.5	81952.0	-2054.2
2259	9.4	74716.9	-2001.6	2349	9.3	75602.4	-2026.7	2439	8.8	80613.7	-2036.1	2529	9.2	82003.6	-2043.2
2260	8.2	74736.8	-2039.6	2350	8.8	75617.9	-2026.1	2440	9.3	80615.8	-2014.0	2530	9.5	82008.3	-2010.4
2261	9.3	74739.3	-2030.3	2351	8.8	75620.1	-2017.3	2441	9.5	80633.2	-2051.5	2531	9.3	82009.7	-2016.7
2262	9.7	74742.4	-2058.5	2352	9.3	75623.9	-2059.8	2442	9.3	80646.3	-2022.8	2532	9.3	82020.2	-2032.3
2263	9.4	74745.7	-2013.2	2353	8.8	75632.2	-2004.0	2443	8.1	80648.8	-2048.4	2533	9.4	82027.3	-2013.8
2264	9.5	74813.1	-2031.6	2354	9.4	75632.3	-2014.3	2444	9.7	80653.8	-2059.5	2534	9.3	82055.9	-2008.3

-20 2535 8h20m

-20 2894 9h17m

2535	9.8	82056.5	-2052.9	2625	9.0	83300.3	-2025.0	2715	9.4	84823.5	-2010.8	2805	9.7	90303.2	-2030.8
2536	9.2	82057.6	-2012.4	2626	9.2	83305.8	-2000.1	2716	9.4	84827.4	-2010.2	2806	9.7	90306.6	-2006.7
2537	8.5	82059.4	-2030.7	2627	9.5	83306.6	-2051.8	2717	9.0	84852.4	-2058.7	2807	9.8	90310.8	-2011.0
2538	6.8	82107.5	-2021.7	2628	9.5	83316.0	-2012.9	2718	9.0	84926.0	-2019.0	2808	9.0	90321.6	-2008.1
2539	9.1	82113.1	-2022.8	2629	8.3	83327.6	-2053.4	2719	9.2	84932.1	-2018.6	2809	8.2	90329.2	-2049.5
2540	9.5	82121.1	-2016.8	2630	9.4	83335.0	-2044.2	2720	9.4	84943.3	-2035.8	2810	9.3	90341.7	-2029.2
2541	9.5	82130.6	-2042.8	2631	9.0	83344.9	-2016.5	2721	9.3	84959.7	-2001.2	2811	9.0	90405.3	-2004.9
2542	9.8	82131.0	-2053.8	2632	8.2	83348.0	-2007.5	2722	9.8	85009.1	-2019.2	2812	9.6	90417.3	-2036.5
2543	9.5	82132.5	-2039.0	2633	9.6	83349.9	-2020.2	2723	9.6	85012.3	-2001.2	2813	9.8	90420.6	-2048.9
2544	9.1	82138.4	-2026.9	2634	9.5	83353.8	-2049.5	2724	9.8	85042.2	-2044.4	2814	10.	90420.7	-2035.4
2545	9.5	82148.1	-2020.2	2635	7.8	83400.4	-2029.6	2725	9.5	85046.5	-2019.7	2815	9.5	90426.3	-2035.5
2546	9.3	82153.3	-2033.3	2636	9.7	83401.6	-2018.7	2726	9.3	85052.5	-2048.1	2816	9.5	90503.7	-2043.9
2547	9.3	82224.0	-2028.0	2637	8.5	83406.4	-2047.1	2727	9.0	85104.5	-2024.1	2817	9.9	90513.5	-2017.7
2548	9.3	82226.6	-2024.4	2638	9.8	83413.2	-2022.9	2728	10.	85137.4	-2016.1	2818	9.8	90516.8	-2020.9
2549	6.7	82227.4	-2028.1	2639	7.8	83416.6	-2019.1	2729	9.8	85156.3	-2011.0	2819	9.8	90542.9	-2011.8
2550	9.0	82228.2	-2008.6	2640	9.5	83432.3	-2049.8	2730	9.4	85202.5	-2035.4	2820	10.	90615.2	-2009.6
2551	9.8	82239.6	-2025.6	2641	9.1	83433.3	-2027.9	2731	9.3	85202.9	-2003.8	2821	9.3	90621.3	-2017.1
2552	9.4	82249.3	-2007.7	2642	9.5	83455.7	-2012.6	2732	9.8	85206.1	-2027.5	2822	9.7	90622.3	-2024.3
2553	9.0	82250.5	-2033.7	2643	9.8	83507.5	-2037.0	2733	9.8	85206.8	-2030.0	2823	9.8	90700.7	-2025.8
2554	9.5	82255.4	-2056.4	2644	9.5	83508.8	-2004.0	2734	9.5	85235.3	-2058.9	2824	9.0	90709.0	-2046.0
2555	9.5	82257.1	-2002.9	2645	9.6	83520.2	-2056.1	2735	9.5	85235.6	-2025.9	2825	9.8	90718.8	-2015.3
2556	9.0	82303.9	-2038.8	2646	9.5	83529.4	-2033.9	2736	9.3	85237.0	-2010.9	2826	9.5	90721.4	-2037.9
2557	8.0	82306.8	-2047.7	2647	9.8	83531.9	-2047.3	2737	9.7	85238.5	-2019.7	2827	9.2	90730.8	-2000.5
2558	9.5	82326.7	-2005.9	2648	9.5	83546.6	-2022.1	2738	10.	85239.5	-2046.1	2828	9.5	90754.1	-2029.1
2559	9.2	82336.1	-2018.7	2649	9.0	83548.5	-2049.9	2739	10.	85240.2	-2041.7	2829	9.6	90809.6	-2036.8
2560	9.5	82336.9	-2040.4	2650	9.0	83612.8	-2051.9	2740	9.7	85243.8	-2021.3	2830	9.5	90822.3	-2015.7
2561	9.6	82342.3	-2057.9	2651	9.0	83626.9	-2009.7	2741	9.6	85307.5	-2026.5	2831	9.4	90829.4	-2025.4
2562	8.2	82344.9	-2024.4	2652	10.	83630.0	-2040.3	2742	10.	85308.2	-2014.3	2832	9.2	90848.5	-2033.6
2563	10.	82347.6	-2053.2	2653	9.5	83631.3	-2026.9	2743	8.3	85313.9	-2015.1	2833	9.8	90916.5	-2007.3
2564	9.3	82354.6	-2017.0	2654	9.5	83644.8	-2053.3	2744	9.4	85317.7	-2052.4	2834	10.	90916.7	-2048.7
2565	9.7	82355.2	-2032.1	2655	8.7	83702.9	-2035.1	2745	9.7	85320.5	-2013.8	2835	7.5	90918.8	-2055.1
2566	9.4	82358.1	-2005.5	2656	9.5	83706.9	-2023.7	2746	9.1	85325.8	-2054.2	2836	7.7	90934.5	-2035.6
2567	8.5	82401.0	-2023.5	2657	9.9	83712.7	-2013.7	2747	10.	85329.7	-2014.0	2837	9.0	90937.1	-2039.9
2568	8.6	82410.1	-2042.4	2658	9.4	83716.6	-2029.0	2748	8.8	85339.9	-2010.5	2838	9.5	90941.3	-2014.5
2569	9.3	82417.8	-2016.8	2659	9.5	83735.4	-2059.6	2749	10.	85354.8	-2006.0	2839	9.5	90949.6	-2058.7
2570	9.4	82433.2	-2031.4	2660	9.1	83738.9	-2012.5	2750	9.8	85358.9	-2016.5	2840	9.6	90954.2	-2012.9
2571	9.5	82437.4	-2043.6	2661	8.9	83751.5	-2018.8	2751	7.0	85405.6	-2038.8	2841	9.6	91000.7	-2044.7
2572	9.2	82442.3	-2042.9	2662	9.1	83752.9	-2024.9	2752	9.9	85409.5	-2004.5	2842	9.0	91017.6	-2058.8
2573	9.8	82503.6	-2047.0	2663	9.7	83803.8	-2058.0	2753	9.7	85415.9	-2057.2	2843	9.8	91032.5	-2036.8
2574	7.0	82506.5	-2035.6	2664	9.8	83805.6	-2045.2	2754	9.2	85416.0	-2054.3	2844	9.0	91041.5	-2027.4
2575	9.4	82516.1	-2055.4	2665	9.3	83812.8	-2054.6	2755	9.6	85431.2	-2051.4	2845	7.7	91046.2	-2043.7
2576	9.4	82517.3	-2015.2	2666	9.1	83826.1	-2057.0	2756	9.8	85446.9	-2024.4	2846	9.3	91047.5	-2035.4
2577	9.5	82524.5	-2006.7	2667	6.4	83826.5	-2038.3	2757	9.5	85457.3	-2006.7	2847	9.7	91049.5	-2034.5
2578	9.8	82529.8	-2044.1	2668	8.5	83829.6	-2008.5	2758	9.4	85524.3	-2013.9	2848	9.8	91104.0	-2006.6
2579	9.0	82532.9	-2019.0	2669	9.7	83850.7	-2000.8	2759	9.8	85532.7	-2008.8	2849	9.8	91109.9	-2040.9
2580	9.2	82539.8	-2049.8	2670	9.8	83841.7	-2002.8	2760	8.3	85547.0	-2044.8	2850	9.5	91109.9	-2027.5
2581	9.0	82540.6	-2033.9	2671	8.7	83850.7	-2012.9	2761	9.5	85553.6	-2048.4	2851	9.4	91111.8	-2025.1
2582	9.5	82545.0	-2036.3	2672	9.0	83909.7	-2051.6	2762	9.0	85554.3	-2052.0	2852	9.8	91112.8	-2022.6
2583	9.3	82546.6	-2015.1	2673	9.1	83916.8	-2008.4	2763	9.8	85555.9	-2023.8	2853	8.7	91154.6	-2059.4
2584	9.0	82602.1	-2005.7	2674	9.6	83922.1	-2044.9	2764	9.8	85559.5	-2056.1	2854	9.2	91203.0	-2041.0
2585	9.0	82604.4	-2049.9	2675	9.4	83925.0	-2031.7	2765	9.8	85605.9	-2047.7	2855	9.3	91213.7	-2013.6
2586	9.3	82641.3	-2017.8	2676	9.5	84000.9	-2001.2	2766	9.8	85632.1	-2058.5	2856	8.5	91218.1	-2010.7
2587	9.5	82647.1	-2043.2	2677	9.5	84004.0	-2035.0	2767	9.8	85633.4	-2051.5	2857	9.8	91241.3	-2033.2
2588	8.2	82743.7	-2016.0	2678	9.5	84005.5	-2008.0	2768	9.4	85641.8	-2026.0	2858	9.5	91259.1	-2007.3
2589	9.1	82744.8	-2053.0	2679	9.4	84017.8	-2044.3	2769	9.7	85647.8	-2002.1	2859	9.6	91304.9	-2058.3
2590	9.3	82748.9	-2039.6	2680	9.3	84057.5	-2008.4	2770	9.8	85655.7	-2012.0	2860	9.5	91310.1	-2027.6
2591	9.9	82753.5	-2035.6	2681	9.2	84058.7	-2033.9	2771	9.4	85658.2	-2058.4	2861	8.8	91340.4	-2044.9
2592	9.4	82757.8	-2023.4	2682	8.3	84110.3	-2015.4	2772	9.0	85658.4	-2028.5	2862	9.8	91341.2	-2005.0
2593	7.9	82759.1	-2042.2	2683	9.6	84126.6	-2001.2	2773	9.5	85659.0	-2001.9	2863	9.8	91354.1	-2048.7
2594	9.7	82800.6	-2055.4	2684	10.	84140.2	-2014.3	2774	9.4	85705.6	-2054.3	2864	10.	91358.7	-2021.9
2595	9.0	82807.6	-2010.9	2685	9.3	84141.5	-2027.2	2775	9.8	85736.9	-2042.3	2865	9.9	91359.1	-2029.8
2596	9.8	82808.2	-2046.8	2686	9.8	84145.4	-2046.0	2776	9.3	85741.1	-2052.6	2866	9.9	91402.7	-2018.7
2597	9.0	82810.5	-2054.1	2687	8.9	84149.0	-2048.9	2777	9.3	85743.8	-2003.4	2867	9.9	91409.8	-2026.3
2598	8.9	82818.8	-2003.9	2688	9.4	84207.6	-2013.7	2778	9.8	85806.5	-2034.3	2868	8.3	91417.2	-2022.1
2599	9.0	82822.9	-2048.3	2689	9.7	84219.9	-2010.6	2779	9.5	85807.4	-2029.7	2869	9.7	91419.7	-2025.9
2600	9.5	82823.6	-2008.2	2690	9.1	84231.0	-2042.1	2780	8.5	85814.0	-2049.2	2870	10.	91438.8	-2051.0
2601	9.5	82825.8	-2017.5	2691	9.5	84242.4	-2021.9	2781	7.5	85816.3	-2027.2	2871	9.5	91457.1	-2008.4
2602	7.5	82826.4	-2057.5	2692	9.1	84305.2	-2001.5	2782	9.8	85823.6	-2035.5	2872	9.3	91500.4	-2049.3
2603	9.1	82829.8	-2021.5	2693	6.5	84314.1	-2030.3	2783	9.8	85824.3	-2035.0	2873	8.8	91517.9	-2006.2
2604	9.1	82832.9	-2057.9	2694	8.0	84354.0	-2036.3	2784	10.	85826.0	-2021.0	2874	9.5	91519.1	-2007.8
2605	9.5	82834.5	-2007.8	2695	9.1	84358.9	-2018.7	2785	8.8	85827.9	-2032.8	2875	9.5	91531.1	-2009.0
2606	9.6	82855.7	-2002.5	2696	9.4	84400.7	-2007.3	2786	9.8	85837.7	-2047.1	2876	9.8	91531.4	-2025.8
2607	9.4	82913.3	-2019.7	2697	9.3	84412.6	-2032.7	2787	9.9	85846.9	-2049.6	2877	9.0	91533.4	-2055.3
2608	9.0	82917.3	-2043.0	2698	9.4	84417.8	-2013.2	2788	8.5	85856.3	-2040.3	2878	9.2	91541.0	-2010.1
2609	8.2	82948.1	-2033.6	2699	9.5	84427.7	-2011.1	2789	9.8	85911.8	-2039.0	2879	9.0	91554.8	-2033.2
2610	9.4	83001.0	-2009.5	2700	9.4	84430.3	-2016.3	2790	8.0	85925.0	-2057.3	2880	9.4	91605.2	-2040.1
2611	9.6	83007.8	-2047.2	2701	8.2	84513.4	-2003.4	2791	9.8	85948.6	-2016.8	2881	9.4	91619.0	-2022.5
2612	9.0	83014.6	-2007.9	2702	9.7	84535.2	-2042.1	2792	8.7	85950.5	-2056.8	2882	8.7	91621.1	-2022.9
2613	9.1	83044.4	-2045.1	2703	8.2	84555.5	-2056.9	2793	9.4	85952.8	-2027.8	2883	9.8	91626.5	-2052.1
2614	8.9	83054.4	-2043.0	2704	9.2	84604.5	-2053.5	2794	9.3	90019.9	-2056.0	2884	9.9	91628.2	-2002.1
2615	9.4	83107.9	-2003.9	2705	9.2	84612.3	-2024.3	2795	9.3	90026.8	-2027.6	2885	9.8	91634.0	-2008.2
2616	9.0	83132.5	-2007.1	2706	9.5	84632.1	-2014.6	2796	9.8	90046.4	-2040.0	2886	6.8	91636.1	-2024.9
2617	9.5	83151.7	-2009.1	2707	9.5	84650.8	-2023.0	2797	8.8	90105.5	-2044.4	2887	9.5	91701.5	-2003.8
2618	9.5	83153.0	-2012.9	2708	8.9	84657.4	-2053.7	2798	9.2	90134.6	-2018.8	2888	9.2	91707.4	-2009.3
2619	9.1	83154.0	-2044.7	2709	8.2	84716.4	-2026.8	2799	9.6	90146.2	-2026.6	2889	9.8	91708.4	-2040.7
2620	9.1	83201.9	-2052.1	2710	9.5	84723.5	-2014.6	2800	9.2	90153.3	-2059.8	2890	10.	91709.3	-2034.0
2621	9.3	83209.1	-2015.1	2711	10.	84735.9	-2040.0	2801	9.7	90200.7	-2020.1	2891	9.9	91730.6	-2045.8
2622	9.7	83214.0	-2045.1	2712	8.7	84807.9	-2041.7	2802	9.6	90221.9	-2049.2	2892	9.8	91751.2	-2029.1
2623	9.0	83220.4	-2007.8	2713	9.8	84808.1	-2025.8	2803	7.2	90234.1	-2020.5	2893	9.8	91751.7	-2006.6
2624	9.0	83254.3	-2057.1	2714	9.6	84819.6	-2046.9	2804	8.9	90241.3	-2055.8	2894	9.5	91753.3	-2048.9

-20 2895 9h18m

-20 3254 10h37m

2895	9.2	91809.2	-2006.0	2985	9.6	93446.8	-2011.0	3075	9.5	95504.9	-2022.1	3165	9.2	101653.6	-2054.3
2896	9.8	91816.8	-2004.7	2986	9.3	93455.3	-2050.2	3076	9.2	95517.5	-2001.8	3166	9.8	101704.1	-2050.6
2897	9.7	91829.9	-2041.9	2987	9.8	93457.6	-2027.2	3077	9.8	95518.4	-2019.2	3167	10.	101706.0	-2046.5
2898	8.3	91838.4	-2008.7	2988	9.5	93500.1	-2042.0	3078	9.0	95520.8	-2051.9	3168	9.8	101725.1	-2043.1
2899	9.8	91844.5	-2022.0	2989	9.8	93510.4	-2022.0	3079	8.8	95522.8	-2008.7	3169	8.4	101748.8	-2047.2
2900	8.5	91844.7	-2028.7	2990	9.0	93516.9	-2015.4	3080	9.0	95526.0	-2031.3	3170	10.	101800.5	-2017.6
2901	9.5	91859.2	-2036.1	2991	9.7	93517.7	-2023.4	3081	9.9	95540.8	-2009.6	3171	9.2	101827.6	-2022.3
2902	9.8	91908.2	-2036.3	2992	7.7	93544.5	-2028.3	3082	9.1	95554.4	-2020.5	3172	9.9	101832.9	-2044.5
2903	7.2	91916.4	-2008.2	2993	8.7	93602.4	-2019.2	3083	8.6	95604.8	-2008.2	3173	9.4	101909.6	-2015.8
2904	8.2	91955.4	-2005.8	2994	9.9	93602.6	-2009.3	3084	9.7	95608.7	-2001.7	3174	8.7	101923.0	-2015.4
2905	8.7	92005.3	-2001.1	2995	9.0	93618.4	-2015.8	3085	9.4	95609.5	-2000.1	3175	9.7	101927.0	-2042.5
2906	9.0	92019.5	-2049.9	2996	9.5	93622.5	-2040.0	3086	9.7	95612.9	-2021.9	3176	10.	102005.4	-2059.4
2907	8.5	92047.4	-2009.0	2997	9.5	93639.3	-2050.0	3087	9.5	95619.1	-2045.6	3177	10.	102028.5	-2028.3
2908	9.4	92103.7	-2056.0	2998	9.0	93651.2	-2055.5	3088	7.7	95623.9	-2013.9	3178	8.4	102032.1	-2041.9
2909	9.4	92104.1	-2030.0	2999	9.5	93655.4	-2040.1	3089	9.0	95629.5	-2028.0	3179	9.1	102034.5	-2009.7
2910	9.4	92117.6	-2034.5	3000	8.2	93701.3	-2029.8	3090	10.	95657.0	-2036.8	3180	8.6	102042.4	-2041.2
2911	9.5	92201.4	-2015.9	3001	9.5	93720.7	-2005.3	3091	9.8	95740.2	-2058.1	3181	8.5	102059.9	-2059.6
2912	8.0	92202.1	-2010.3	3002	10.	93739.3	-2050.1	3092	8.3	95809.2	-2055.9	3182	8.8	102103.2	-2057.8
2913	9.8	92216.9	-2051.2	3003	9.8	93745.2	-2005.7	3093	9.3	95818.1	-2001.9	3183	9.3	102107.3	-2039.7
2914	9.5	92228.9	-2009.9	3004	9.5	93806.9	-2007.0	3094	8.4	95830.7	-2039.3	3184	10.	102141.3	-2007.4
2915	5.7	92231.9	-2006.8	3005	9.8	93808.8	-2014.9	3095	8.9	95835.6	-2022.7	3185	9.6	102142.7	-2022.3
2916	9.8	92240.5	-2027.5	3006	9.3	93816.7	-2039.2	3096	9.0	95835.9	-2045.8	3186	9.1	102144.0	-2047.7
2917	10.	92248.0	-2045.2	3007	9.8	93820.6	-2018.1	3097	9.0	95854.2	-2053.3	3187	9.8	102216.1	-2031.5
2918	9.4	92252.9	-2001.1	3008	9.8	93820.6	-2009.2	3098	9.7	95856.9	-2037.0	3188	9.5	102216.3	-2059.4
2919	9.6	92323.0	-2041.0	3009	8.2	93831.3	-2000.3	3099	9.3	95916.4	-2039.3	3189	9.7	102220.4	-2057.1
2920	9.0	92332.9	-2022.4	3010	9.8	93840.9	-2050.4	3100	9.3	95917.2	-2033.7	3190	9.7	102238.6	-2042.9
2921	8.0	92350.4	-2020.8	3011	10.	93842.1	-2038.2	3101	7.2	95918.8	-2014.5	3191	8.7	102249.5	-2002.9
2922	10.	92410.0	-2036.6	3012	10.	93858.5	-2041.5	3102	8.4	95942.3	-2034.8	3192	9.0	102256.1	-2000.7
2923	8.8	92414.8	-2022.7	3013	9.1	93903.4	-2021.4	3103	9.3	95945.5	-2018.7	3193	9.2	102309.9	-2043.0
2924	9.9	92417.3	-2038.6	3014	9.2	93919.9	-2042.0	3104	7.0	100017.2	-2032.8	3194	9.3	102329.0	-2029.7
2925	10.	92419.2	-2013.6	3015	9.4	93950.9	-2054.2	3105	9.8	100020.3	-2026.1	3195	9.3	102350.3	-2000.8
2926	9.1	92437.5	-2057.0	3016	9.8	93954.8	-2046.9	3106	9.7	100041.6	-2036.2	3196	8.8	102356.2	-2028.0
2927	8.8	92440.2	-2004.9	3017	9.6	94008.9	-2057.9	3107	9.8	100044.3	-2007.7	3197	9.5	102400.3	-2017.7
2928	10.	92446.5	-2034.1	3018	9.4	94051.4	-2008.3	3108	9.3	100046.3	-2002.2	3198	9.4	102406.2	-2053.5
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2930	9.1	92520.2	-2055.2	3020	9.8	94131.0	-2052.5	3110	9.8	100126.9	-2022.2	3200	9.3	102453.8	-2045.2
2931	8.7	92531.2	-2004.0	3021	8.7	94209.1	-2041.2	3111	9.4	100140.3	-2057.1	3201	9.2	102455.8	-2025.7
2932	9.4	92533.7	-2033.0	3022	8.5	94217.1	-2045.7	3112	9.0	100141.1	-2040.3	3202	9.4	102529.7	-2003.8
2933	10.	92552.0	-2035.0	3023	9.8	94225.7	-2047.5	3113	9.4	100143.4	-2042.2	3203	9.5	102547.0	-2002.9
2934	9.1	92556.3	-2044.1	3024	9.0	94239.4	-2048.5	3114	9.6	100152.9	-2027.9	3204	9.8	102548.8	-2019.0
2935	9.3	92612.0	-2056.9	3025	9.1	94247.0	-2036.9	3115	8.8	100233.0	-2057.7	3205	9.1	102558.1	-2052.2
2936	5.0	92631.4	-2028.7	3026	8.5	94315.2	-2027.5	3116	8.2	100257.0	-2058.0	3206	9.1	102622.4	-2020.0
2937	8.5	92632.1	-2004.6	3027	9.6	94320.8	-2056.1	3117	9.4	100323.7	-2013.1	3207	9.4	102624.3	-2031.4
2938	7.0	92636.9	-2045.0	3028	9.1	94323.5	-2034.0	3118	9.9	100340.5	-2032.1	3208	9.2	102640.1	-2053.3
2939	9.3	92711.4	-2053.3	3029	9.7	94335.6	-2046.0	3119	9.9	100342.5	-2057.1	3209	9.2	102646.1	-2047.4
2940	9.1	92712.1	-2050.2	3030	9.8	94338.4	-2047.5	3120	8.4	100416.3	-2006.0	3210	9.3	102706.9	-2038.2
2941	8.8	92725.5	-2025.6	3031	8.5	94354.9	-2024.2	3121	9.9	100421.7	-2018.0	3211	9.1	102712.8	-2052.2
2942	9.0	92725.9	-2037.3	3032	8.0	94358.2	-2005.6	3122	9.0	100438.0	-2047.9	3212	9.3	102733.7	-2014.1
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2947	9.8	92759.8	-2040.8	3037	9.9	94427.9	-2007.2	3127	9.4	100605.3	-2035.9	3217	9.9	102823.2	-2021.0
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2949	10.	92812.7	-2026.0	3039	9.4	94600.9	-2036.8	3129	9.0	100706.0	-2011.7	3219	10.	102849.9	-2046.5
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2951	10.	92851.0	-2042.7	3041	9.4	94633.9	-2045.8	3131	9.6	100755.1	-2013.7	3221	8.5	102858.3	-2041.9
2952	9.0	92856.7	-2021.7	3042	8.8	94640.3	-2021.2	3132	9.3	100831.2	-2057.9	3222	9.8	102903.5	-2054.4
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2954	9.9	92926.1	-2021.1	3044	9.4	94711.8	-2027.0	3134	9.7	100842.2	-2046.8	3224	8.7	103015.9	-2055.5
2955	8.0	92938.1	-2014.6	3045	9.3	94727.6	-2008.4	3135	9.2	100849.1	-2033.2	3225	8.5	103059.9	-2003.9
2956	8.2	92941.8	-2049.3	3046	10.	94731.1	-2005.3	3136	10.	100909.7	-2053.9	3226	9.6	103113.6	-2024.1
2957	9.8	92943.3	-2029.5	3047	9.5	94801.7	-2021.8	3137	9.7	100919.5	-2016.7	3227	10.	103124.7	-2000.6
2958	9.7	92958.0	-2000.0	3048	9.8	94843.1	-2005.5	3138	9.7	100921.5	-2016.8	3228	9.6	103131.5	-2050.7
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2960	9.3	93018.3	-2055.6	3050	9.8	94907.7	-2010.2	3140	9.7	101034.5	-2023.5	3230	9.4	103200.1	-2005.6
2961	8.0	93026.1	-2045.2	3051	8.7	94907.8	-2048.4	3141	9.7	101034.5	-2031.3	3231	9.8	103215.3	-2050.3
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2963	9.5	93038.8	-2037.5	3053	9.0	94953.5	-2009.6	3143	7.0	101048.2	-2051.7	3233	8.0	103230.4	-2005.4
2964	9.2	93119.2	-2058.8	3054	9.7	94956.7	-2002.0	3144	9.7	101049.0	-2047.6	3234	9.8	103249.2	-2052.7
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2967	9.8	93133.7	-2030.6	3057	9.7	95039.6	-2032.5	3147	10.	101217.4	-2003.1	3237	9.8	103330.3	-2031.0
2968	9.0	93143.0	-2042.8	3058	9.4	95052.9	-2043.9	3148	9.0	101303.0	-2037.1	3238	8.8	103332.9	-2049.2
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2970	9.8	93151.2	-2055.0	3060	9.6	95108.4	-2047.7	3150	8.5	101309.9	-2029.7	3240	9.6	103437.4	-2018.6
2971	9.7	93208.3	-2002.1	3061	9.0	95135.0	-2052.4	3151	10.	101332.7	-2003.6	3241	10.	103440.0	-2035.4
2972	9.1	93217.2	-2038.4	3062	9.1	95142.1	-2018.4	3152	9.7	101342.6	-2040.3	3242	9.5	103448.7	-2052.5
2973	9.4	93218.6	-2024.1	3063	9.0	95145.1	-2032.3	3153	9.3	101344.3	-2028.4	3243	9.5	103451.1	-2046.3
2974	9.1	93239.3	-2034.1	3064	9.8	95200.6	-2032.1	3154	9.7	101352.2	-2058.2	3244	9.3	103510.0	-2038.8
2975	9.7	93241.7	-2035.6	3065	9.0	95219.0	-2058.6	3155	9.6	101408.3	-2018.1	3245	10.	103511.2	-2030.6
2976	9.2	93248.8	-2019.8	3066	9.0	95255.9	-2052.4	3156	9.0	101420.8	-2019.7	3246	9.8	103527.4	-2030.5
2977	9.5	93310.4	-2055.2	3067	9.9	95331.9	-2003.6	3157	8.7	101421.8	-2009.0	3247	9.2	103542.2	-2007.3
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2979	9.8	93345.6	-2043.4	3069	9.3	95341.1	-2039.9	3159	9.8	101450.6	-2040.4	3249	9.5	103613.2	-2012.6
2980	9.3	93353.1	-2057.2	3070	9.7	95351.6	-2038.8	3160	9.5	101503.8	-2036.3	3250	9.7	103616.1	-2057.9
2981	7.7	93356.6	-2055.2	3071	9.1	95407.3	-2042.0	3161	7.8	101515.9	-2032.7	3251	9.3	103618.5	-2014.2
2982	9.0	93400.7	-2036.0	3072	9.4	95419.5	-2027.2	3162	9.8	101545.2	-2032.9	3252	9.8	103641.4	-2035.7
2983	9.3	93419.9	-2039.9	3073	9.7	95449.8	-2039.6	3163	9.3	101604.8	-2035.3	3253	9.7	103721.4	-2041.0
2984	9.8	93444.0	-2019.4	3074	8.7	95452.9	-2016.2	3164	10.	101651.3	-2011.6	3254	9.0	103724.4	-2040.3

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-20 3614 12h09m

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3885	7.8	133849.2	-2007.4
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3887	8.8	133912.6	-2044.5
3888	8.9	133918.0	-2007.6
3889	9.4	133929.3	-2057.4
3890	9.6	133938.0	-2047.3
3891	9.4	134013.0	-2002.1
3892	7.0	134100.1	-2001.0
3893	9.0	134106.3	-2008.6
3894	9.1	134111.6	-2006.4
3895	9.7	134130.9	-2026.0
3896	9.8	134144.7	-2004.8
3897	8.8	134214.7	-2032.8
3898	7.2	134216.6	-2008.8
3899	9.0	134222.8	-2023.4
3900	8.5	134255.4	-2040.8
3901	7.7	134259.1	-2015.6
3902	10.	134327.3	-2030.5
3903	9.8	134347.2	-2052.2
3904	9.3	134353.5	-2014.3
3905	9.9	134439.5	-2000.6
3906	9.3	134443.9	-2014.5
3907	9.8	134507.9	-2041.9
3908	9.3	134511.8	-2002.2
3909	9.4	134519.5	-2049.4
3910	9.9	134525.9	-2040.1
3911	9.6	134531.1	-2049.8
3912	9.4	134535.5	-2046.6
3913	9.8	134546.6	-2042.4
3914	8.3	134550.2	-2030.1
3915	8.0	134651.6	-2047.3
3916	9.0	134703.2	-2031.0
3917	9.8	134703.8	-2049.4
3918	9.5	134713.5	-2038.8
3919	9.0	134724.2	-2051.1
3920	9.5	134731.3	-2017.8
3921	9.5	134805.4	-2002.8
3922	9.5	134819.9	-2056.4
3923	9.8	134820.9	-2027.1
3924	8.8	134847.6	-2003.7
3925	9.0	134849.6	-2008.7
3926	9.6	134916.8	-2000.9
3927	8.9	134917.5	-2056.7
3928	9.8	134932.5	-2054.3
3929	8.5	134953.0	-2053.1
3930	9.1	135058.9	-2049.0
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3932	9.5	135135.7	-2007.2
3933	9.8	135213.4	-2048.7
3934	10.	135224.0	-2001.9
3935	9.5	135311.7	-2005.5
3936	9.1	135314.6	-2016.4
3937	9.5	135327.8	-2053.7
3938	9.4	135331.0	-2018.2
3939	9.1	135338.0	-2017.9
3940	9.0	135358.4	-2025.7
3941	9.6	135423.4	-2002.4
3942	9.1	135429.1	-2011.2
3943	8.2	135437.2	-2057.6
3944	9.3	135439.1	-2010.7
3945	9.1	135510.9	-2018.8
3946	9.2	135522.3	-2030.0
3947	8.7	135532.8	-2005.7
3948	9.8	135535.7	-2001.2
3949	9.5	135545.6	-2000.3
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3951	8.1	135603.2	-2036.7
3952	8.7	135703.1	-2052.7
3953	9.9	135706.9	-2031.6
3954	9.8	135726.5	-2002.2
3955	9.5	135749.5	-2030.7
3956	9.8	135815.4	-2015.0
3957	10.	135820.0	-2040.8
3958	9.8	135846.2	-2003.7
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3960	9.2	135930.2	-2023.2
3961	9.0	135933.5	-2057.9
3962	9.2	135939.8	-2047.8
3963	9.5	135946.2	-2022.1
3964	8.0	135951.1	-2030.1
3965	9.8	135952.3	-2037.7
3966	9.0	140034.4	-2051.0
3967	9.5	140116.9	-2026.4
3968	9.6	140125.2	-2025.6
3969	9.1	140131.6	-2034.4
3970	8.3	140133.3	-2030.5
3971	8.2	140159.5	-2032.5
3972	9.7	140214.0	-2009.8
3973	9.7	140215.8	-2008.5
3974	9.2	140224.8	-2039.8

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3975	9.4	140231.3	-2052.5	4065	9.5	143038.9	-2052.6	4155	9.5	145941.9	-2017.3	4245	9.3	152204.4	-2045.0
3976	9.7	140239.3	-2008.4	4066	9.1	143046.2	-2018.5	4156	9.4	150019.4	-2056.6	4246	6.7	152213.5	-2013.4
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3978	10.	140248.6	-2024.5	4068	9.2	143213.2	-2013.2	4158	9.2	150031.6	-2057.9	4248	9.5	152252.0	-2017.0
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3980	9.7	140434.5	-2018.1	4070	9.9	143257.3	-2032.7	4160	10.	150129.7	-2015.1	4250	8.5	152333.5	-2007.4
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3982	9.3	140456.4	-2029.1	4072	9.8	143307.7	-2015.5	4162	9.2	150156.9	-2000.4	4252	9.5	152338.0	-2054.0
3983	9.5	140500.6	-2032.6	4073	10.	143350.0	-2018.3	4163	9.3	150311.7	-2008.5	4253	9.7	152413.0	-2041.9
3984	9.6	140501.4	-2028.4	4074	8.3	143422.4	-2034.5	4164	8.7	150313.0	-2045.1	4254	9.7	152417.9	-2045.6
3985	9.8	140539.0	-2044.6	4075	9.1	143441.1	-2009.0	4165	9.5	150330.9	-2034.6	4255	9.0	152417.9	-2021.6
3986	9.5	140608.3	-2050.6	4076	9.5	143444.9	-2030.3	4166	9.6	150337.2	-2006.2	4256	9.3	152430.9	-2007.8
3987	9.5	140611.1	-2012.5	4077	9.2	143453.0	-2055.1	4167	9.0	150341.9	-2034.2	4257	9.4	152442.5	-2009.2
3988	9.4	140632.2	-2030.4	4078	9.2	143522.3	-2018.4	4168	9.7	150342.1	-2041.7	4258	9.8	152451.9	-2009.8
3989	7.2	140646.9	-2023.2	4079	9.8	143538.9	-2029.9	4169	9.3	150347.2	-2012.5	4259	9.4	152508.9	-2024.0
3990	9.5	140724.9	-2018.9	4080	9.4	143603.3	-2001.3	4170	8.9	150416.3	-2023.7	4260	8.5	152520.3	-2003.1
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3994	8.8	140858.1	-2039.3	4084	9.8	143727.4	-2029.2	4174	9.9	150514.1	-2023.4	4264	9.5	152557.3	-2026.8
3995	8.9	140920.6	-2038.7	4085	9.4	143742.5	-2056.6	4175	9.5	150555.8	-2043.9	4265	9.0	152634.8	-2034.3
3996	8.3	140932.4	-2004.8	4086	9.8	143748.7	-2051.6	4176	10.	150559.3	-2030.9	4266	8.4	152647.3	-2031.0
3997	9.4	141011.6	-2000.1	4087	6.4	143757.2	-2033.3	4177	9.6	150602.2	-2035.1	4267	10.	152652.0	-2051.9
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3999	10.	141023.9	-2010.7	4089	9.5	143809.0	-2033.4	4179	9.8	150605.8	-2057.0	4269	9.9	152713.2	-2051.2
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4001	9.5	141129.8	-2040.4	4091	9.6	143844.2	-2042.2	4181	9.8	150618.9	-2000.3	4271	10.	152727.4	-2034.7
4002	9.5	141135.0	-2002.2	4092	9.7	143858.7	-2021.9	4182	9.5	150643.5	-2018.2	4272	9.8	152728.2	-2031.6
4003	8.0	141142.3	-2011.9	4093	6.3	143859.5	-2042.6	4183	9.5	150714.0	-2013.9	4273	9.9	152731.9	-2051.2
4004	9.0	141209.2	-2019.1	4094	9.8	143932.8	-2041.4	4184	9.4	150717.6	-2031.3	4274	9.0	152741.8	-2013.0
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4006	9.5	141228.5	-2050.4	4096	9.8	143944.5	-2021.4	4186	8.5	150726.4	-2023.7	4276	9.8	152801.7	-2037.3
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4008	9.7	141250.8	-2019.8	4098	9.5	144027.8	-2059.8	4188	9.7	150755.5	-2011.6	4278	10.	152817.9	-2025.0
4009	8.5	141335.9	-2055.8	4099	9.8	144035.4	-2043.0	4189	9.1	150843.1	-2004.2	4279	8.8	152845.6	-2046.6
4010	8.8	141343.4	-2001.2	4100	8.8	144158.3	-2054.4	4190	9.7	150849.6	-2039.5	4280	8.8	152852.2	-2055.9
4011	9.5	141354.3	-2058.7	4101	8.9	144202.7	-2003.9	4191	9.4	150851.5	-2050.7	4281	9.5	152910.9	-2034.8
4012	9.8	141406.3	-2053.4	4102	8.8	144217.4	-2009.9	4192	9.8	150854.3	-2023.9	4282	9.4	152916.9	-2054.5
4013	7.1	141428.4	-2005.8	4103	9.4	144240.9	-2004.3	4193	20.0	150904.8	-2029.1	4283	9.8	152934.4	-2021.4
4014	9.8	141428.6	-2017.5	4104	9.6	144253.1	-2033.8	4194	9.0	150905.4	-2017.4	4284	8.8	152946.7	-2052.6
4015	9.4	141455.5	-2035.4	4105	9.7	144256.8	-2008.9	4195	9.2	150924.9	-2013.9	4285	5.8	152951.2	-2031.9
4016	9.8	141458.2	-2058.4	4106	9.4	144302.3	-2000.8	4196	8.0	150931.0	-2010.7	4286	9.5	153004.1	-2001.4
4017	10.	141514.0	-2046.8	4107	7.9	144332.0	-2000.8	4197	9.5	150953.3	-2018.0	4287	9.3	153014.9	-2018.5
4018	9.2	141525.1	-2034.6	4108	9.8	144344.8	-2008.3	4198	8.2	150959.4	-2019.3	4288	8.9	153035.0	-2047.9
4019	9.0	141541.3	-2020.9	4109	8.5	144355.3	-2012.5	4199	9.1	151002.7	-2031.4	4289	8.7	153036.0	-2005.8
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4021	9.3	141658.5	-2054.6	4111	9.5	144403.5	-2051.6	4201	9.3	151015.9	-2008.8	4291	9.2	153047.9	-2045.0
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4023	7.7	141737.6	-2046.3	4113	9.4	144537.0	-2022.9	4203	8.2	151022.7	-2034.0	4293D	9.8	153138.5	-2054.0
4024	9.5	141817.5	-2017.4	4114	9.3	144630.9	-2033.4	4204	9.2	151025.1	-2000.3	4294	9.9	153151.1	-2005.1
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4026	9.4	141829.6	-2024.1	4116	9.4	144711.6	-2055.8	4206	8.1	151128.3	-2020.0	4296	9.5	153210.1	-2000.2
4027	9.5	141857.2	-2028.6	4117	9.5	144714.5	-2032.5	4207	9.6	151158.6	-2029.5	4297	9.6	153214.1	-2000.0
4028	9.5	141911.2	-2003.1	4118	9.4	144725.6	-2025.6	4208	9.9	151227.0	-2043.0	4298	9.1	153217.2	-2042.7
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4031	9.1	141931.2	-2014.7	4121	9.4	144755.5	-2048.0	4211	10.	151313.4	-2059.9	4301	9.5	153316.4	-2012.3
4032	9.2	141935.2	-2015.6	4122	9.3	144855.2	-2005.3	4212	9.3	151316.9	-2006.6	4302	10.	153318.0	-2048.2
4033	9.5	141943.1	-2002.8	4123	8.7	144859.8	-2045.7	4213	9.5	151319.3	-2008.8	4303	10.	153334.1	-2042.6
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4038	9.7	142207.3	-2050.2	4128	9.5	145029.0	-2018.4	4218	10.	151405.3	-2024.2	4308	9.1	153451.3	-2015.5
4039	8.6	142214.6	-2051.2	4129	9.0	145034.0	-2016.8	4219	9.1	151408.8	-2011.9	4309	8.4	153454.1	-2039.1
4040	9.6	142217.5	-2018.6	4130	9.5	145041.9	-2057.7	4220	9.4	151411.5	-2033.3	4310	10.	153514.1	-2043.8
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4059	9.5	142832.2	-2035.1	4149	9.5	145740.1	-2001.0	4239	7.7	151955.4	-2041.2	4329	7.7	154030.0	-2000.0
4060	10.	142911.6	-2041.1	4150	9.6	145804.8	-2055.4	4240	9.2	151956.0	-2052.4	4330	9.8	154102.8	-2004.9
4061	9.8	142913.6	-2027.8	4151	8.3	145907.3	-2007.8	4241	9.4	152042.8	-2001.0	4331	8.5	154109.7	-2001.4
4062	9.5	142919.4	-2009.7	4152	9.4	145911.8	-2010.0	4242	9.2	152059.0	-2054.5	4332	7.5	154113.6	-2019.9
4063	8.8	142955.6	-2041.2	4153	9.7	145920.1	-2001.3	4243	10.	152128.2	-2008.9	4333	9.3	154116.4	-2013.7
4064	9.8	143006.7	-2059.0	4154	9.2	145921.1	-2048.6	4244	9.0	152159.6	-2006.2	4334	9.5	154138.2	-2016.1

-20 4334 15h41m

4335	8.1	154204.1	-2024.2	4425	9.4	160237.5	-2019.4	4515	9.6	162541.1	-2028.5	4605	9.5	165237.6	-2043.6
4336	9.1	154206.6	-2016.0	4426	9.6	160253.5	-2015.6	4516	9.5	162622.8	-2044.4	4606	7.0	165240.7	-2013.1
4337	9.5	154231.2	-2021.0	4427	10.	160303.0	-2027.3	4517	9.4	162623.2	-2035.6	4607	9.0	165248.8	-2048.0
4338	9.0	154240.3	-2031.9	4428	8.7	160320.4	-2041.0	4518	9.1	162639.1	-2000.7	4608	9.4	165255.4	-2017.5
4339	9.7	154244.9	-2020.3	4429	9.0	160324.6	-2043.6	4519	9.4	162714.0	-2010.1	4609	9.1	165255.7	-2043.3
4340	9.7	154250.2	-2011.9	4430	9.8	160326.4	-2050.9	4520	9.6	162723.8	-2056.5	4610	9.0	165312.5	-2039.6
4341	9.7	154250.5	-2029.2	4431	9.5	160328.2	-2027.4	4521	9.4	162728.5	-2030.4	4611	9.1	165325.4	-2013.9
4342	9.4	154303.0	-2033.2	4432	9.8	160346.9	-2047.8	4522	10.	162736.6	-2020.9	4612	7.8	165326.3	-2022.4
4343	7.3	154303.4	-2008.5	4433	9.4	160410.0	-2039.1	4523	9.1	162736.8	-2024.6	4613	9.5	165326.8	-2017.9
4344	8.8	154307.1	-2028.1	4434	9.0	160412.7	-2049.1	4524	9.1	162742.9	-2047.9	4614	9.0	165352.4	-2059.7
4345	10.	154323.4	-2031.1	4435	10.	160417.4	-2056.0	4525	9.5	162802.5	-2007.8	4615	8.9	165414.9	-2013.4
4346	10.	154348.4	-2007.8	4436	9.5	160417.9	-2056.7	4526	9.0	162811.6	-2015.0	4616	9.5	165415.5	-2056.6
4347	9.5	154413.2	-2006.1	4437	10.	160451.0	-2018.2	4527	9.2	162845.0	-2004.6	4617	9.4	165457.2	-2030.9
4348	9.7	154429.2	-2020.5	4438	9.3	160454.1	-2048.9	4528	9.0	162850.0	-2013.2	4618	10.	165505.0	-2038.9
4349	9.6	154434.0	-2039.0	4439	10.	160454.8	-2054.9	4529	9.3	162918.9	-2036.5	4619	8.5	165512.8	-2010.6
4350	9.7	154445.1	-2031.1	4440	10.	160505.0	-2021.7	4530	10.	162934.0	-2026.9	4620	9.5	165515.1	-2006.0
4351	9.8	154458.2	-2015.2	4441	9.6	160519.3	-2059.5	4531	9.7	162949.4	-2017.7	4621	10.	165519.1	-2033.5
4352	9.7	154524.4	-2022.1	4442	9.5	160548.3	-2059.2	4532	9.3	163002.7	-2027.7	4622	9.3	165520.2	-2040.6
4353	9.7	154540.0	-2005.7	4443	10.	160555.8	-2002.8	4533	9.5	163044.4	-2011.5	4623	8.2	165522.8	-2015.5
4354	9.4	154608.4	-2020.4	4444	6.8	160556.9	-2043.8	4534	9.8	163134.0	-2001.0	4624	8.5	165538.2	-2050.3
4355	8.3	154620.8	-2023.1	4445	9.5	160615.3	-2051.7	4535	9.7	163153.8	-2044.8	4625	9.7	165541.2	-2037.0
4356	8.9	154636.1	-2021.5	4446	9.8	160651.8	-2048.4	4536	8.8	163158.4	-2006.5	4626	9.7	165558.9	-2044.8
4357	9.4	154645.4	-2015.3	4447	9.5	160751.8	-2055.5	4537	6.5	163202.5	-2007.2	4627	6.5	165610.9	-2017.2
4358	10.	154707.0	-2029.7	4448	9.8	160808.4	-2013.6	4538	9.7	163216.7	-2002.9	4628	9.0	165625.2	-2037.3
4359	8.8	154718.3	-2030.8	4449	9.8	160808.8	-2038.0	4539	9.3	163301.3	-2027.3	4629	9.5	165634.3	-2057.2
4360	9.2	154726.3	-2012.0	4450	10.	160811.3	-2049.6	4540	9.1	163311.7	-2056.6	4630	9.4	165656.7	-2032.3
4361	9.4	154744.0	-2004.7	4451	9.7	160817.3	-2055.1	4541	9.8	163340.8	-2051.3	4631	9.3	165700.2	-2048.2
4362	8.2	154754.4	-2021.2	4452	9.8	160820.6	-2044.0	4542	9.2	163343.9	-2011.6	4632	9.5	165734.6	-2004.1
4363	8.3	154811.0	-2000.2	4453	9.2	160822.9	-2025.3	4543	9.5	163356.3	-2005.4	4633	9.5	165735.3	-2023.5
4364	6.5	154912.3	-2033.5	4454	6.8	160826.8	-2056.2	4544	9.8	163436.6	-2056.7	4634	9.8	165742.4	-2009.1
4365	9.9	154917.2	-2027.4	4455	9.5	160904.6	-2047.9	4545	9.4	163456.4	-2015.5	4635	9.3	165757.7	-2030.5
4366	8.9	154958.2	-2058.8	4456	9.6	160917.8	-2050.4	4546	9.2	163500.9	-2021.7	4636	9.4	165814.1	-2049.9
4367	9.5	155001.3	-2030.8	4457	9.5	160934.7	-2058.5	4547	7.5	163504.4	-2025.0	4637	9.1	165824.9	-2013.7
4368	7.5	155002.1	-2027.9	4458	9.6	160935.4	-2029.4	4548	9.5	163517.5	-2045.7	4638	9.8	165832.5	-2003.1
4369	9.5	155010.2	-2059.0	4459	9.2	160947.9	-2015.1	4549	9.3	163519.8	-2034.0	4639	9.4	165834.8	-2044.6
4370	8.5	155032.1	-2036.0	4460	9.3	161003.2	-2055.0	4550	9.6	163531.8	-2029.8	4640	9.5	165838.3	-2050.7
4371	9.5	155032.7	-2050.2	4461	9.8	161022.8	-2007.8	4551	9.8	163541.2	-2000.3	4641	9.9	165846.4	-2035.6
4372	9.6	155035.8	-2022.3	4462	10.	161057.0	-2014.8	4552	9.5	163557.5	-2005.8	4642	9.5	165854.5	-2002.5
4373	9.8	155047.5	-2005.3	4463	9.7	161109.0	-2053.8	4553	9.5	163610.3	-2011.6	4643	9.5	165900.2	-2028.7
4374	10.	155059.2	-2043.4	4464	8.0	161124.3	-2025.1	4554	9.6	163612.5	-2000.2	4644	9.5	165927.2	-2013.6
4375	9.1	155117.2	-2033.1	4465	9.7	161141.2	-2056.0	4555	9.7	163622.6	-2037.3	4645	9.5	165930.8	-2010.8
4376	9.5	155132.3	-2023.1	4466	9.7	161155.4	-2050.2	4556	10.	163638.5	-2023.3	4646	7.8	165957.9	-2001.4
4377	9.3	155134.1	-2016.7	4467	10.	161204.0	-2048.4	4557	9.8	163711.6	-2013.2	4647	9.5	170007.7	-2026.1
4378	9.5	155203.3	-2011.6	4468	9.1	161211.3	-2035.9	4558	9.5	163853.7	-2021.1	4648	10.	170024.6	-2000.4
4379	8.9	155208.0	-2002.3	4469	9.5	161226.7	-2035.9	4559	9.2	163927.4	-2020.5	4649	9.3	170033.3	-2016.6
4380	7.5	155236.4	-2044.6	4470	9.1	161227.7	-2058.3	4560	9.4	163931.8	-2021.4	4650	9.3	170033.8	-2034.1
4381	9.7	155238.8	-2024.2	4471	9.5	161241.8	-2020.3	4561	8.4	163937.8	-2041.0	4651	9.8	170044.8	-2054.2
4382	9.6	155312.2	-2031.0	4472	9.4	161245.9	-2054.9	4562	9.2	163944.0	-2054.1	4652	9.4	170049.3	-2016.3
4383	9.5	155333.6	-2058.6	4473	10.	161250.2	-2054.8	4563	9.7	164027.5	-2011.7	4653	8.5	170052.2	-2034.6
4384	9.0	155336.5	-2020.7	4474	10.	161318.2	-2056.1	4564	9.5	164028.9	-2030.3	4654	9.0	170109.3	-2011.5
4385	9.2	155401.8	-2005.4	4475	10.	161322.9	-2010.8	4565	9.8	164117.1	-2022.9	4655	7.3	170121.7	-2029.2
4386	10.	155404.3	-2031.1	4476	9.8	161325.1	-2000.8	4566	9.4	164139.7	-2023.5	4656	8.5	170130.1	-2035.7
4387	9.4	155431.7	-2034.7	4477	10.	161341.5	-2040.5	4567	9.5	164224.3	-2007.1	4657	9.5	170153.6	-2006.6
4388	9.4	155435.6	-2003.9	4478	9.4	161354.6	-2041.5	4568	8.0	164233.2	-2022.3	4658	9.8	170213.2	-2026.6
4389	9.8	155554.1	-2053.2	4479	9.8	161402.9	-2041.3	4569	8.5	164321.6	-2038.2	4659	7.3	170228.1	-2028.1
4390	8.8	155605.0	-2057.2	4480	9.5	161410.8	-2010.2	4570	9.5	164339.0	-2028.1	4660	7.8	170228.9	-2038.6
4391	9.0	155625.3	-2029.6	4481	9.9	161413.3	-2015.6	4571	9.4	164341.7	-2033.7	4661	7.5	170245.5	-2014.2
4392	8.2	155627.2	-2030.3	4482	8.8	161438.1	-2055.9	4572	6.6	164451.9	-2010.0	4662	9.5	170256.0	-2003.0
4393	9.7	155643.2	-2011.4	4483	9.1	161503.3	-2003.9	4573	9.4	164514.5	-2052.9	4663	10.	170336.1	-2057.8
4394	9.5	155654.2	-2005.1	4484	9.8	161513.9	-2006.8	4574	9.5	164528.4	-2021.3	4664	9.5	170336.2	-2026.7
4395	9.1	155657.9	-2005.2	4485	10.	161531.7	-2036.1	4575	9.4	164540.3	-2010.8	4665	9.1	170342.4	-2048.6
4396	9.0	155658.2	-2010.3	4486	9.5	161547.6	-2057.1	4576	10.	164548.4	-2048.7	4666	9.5	170343.2	-2035.6
4397	9.5	155705.6	-2035.3	4487	9.8	161605.3	-2019.2	4577	9.4	164559.7	-2045.1	4667	9.5	170349.7	-2029.8
4398	9.1	155709.2	-2009.1	4488	9.8	161700.6	-2008.2	4578	9.4	164613.3	-2023.0	4668	9.2	170350.5	-2057.9
4399	7.7	155709.8	-2002.5	4489	10.	161717.2	-2020.5	4579	8.6	164616.4	-2033.0	4669	9.5	170353.3	-2050.3
4400	9.5	155715.0	-2041.2	4490	9.8	161737.8	-2007.0	4580	8.8	164623.3	-2050.3	4670	9.4	170357.7	-2023.7
4401	8.5	155724.2	-2045.0	4491	9.8	161827.1	-2050.5	4581	9.2	164626.3	-2039.7	4671	9.5	170404.2	-2028.2
4402	8.9	155724.3	-2004.9	4492	9.1	161918.6	-2035.7	4582	9.8	164627.2	-2016.8	4672	9.8	170413.0	-2044.3
4403	9.5	155750.3	-2031.7	4493	9.8	161932.0	-2055.8	4583	9.5	164644.4	-2027.5	4673	9.2	170428.7	-2005.6
4404	9.1	155757.6	-2050.5	4494	9.8	162013.2	-2055.4	4584	9.8	164708.7	-2050.2	4674	9.7	170434.8	-2046.7
4405	4.7	155819.7	-2016.6	4495	9.1	162020.1	-2028.7	4585	9.8	164709.1	-2055.7	4675	9.7	170440.1	-2047.7
4406	9.5	155820.5	-2045.3	4496	9.5	162041.7	-2026.4	4586	9.4	164712.6	-2036.2	4676	8.5	170443.7	-2024.0
4407	9.1	155828.5	-2054.1	4497	9.2	162045.0	-2049.6	4587	9.5	164738.3	-2012.5	4677	9.0	170446.3	-2059.2
4408	5.0	155854.6	-2027.7	4498	9.9	162137.8	-2033.8	4588	9.8	164847.9	-2047.4	4678	9.5	170456.9	-2000.1
4409	8.5	155856.5	-2032.3	4499	9.5	162153.4	-2001.9	4589	9.1	164909.3	-2024.0	4679	10.	170505.2	-2046.2
4410	9.5	155912.6	-2034.9	4500	10.	162159.6	-2028.8	4590	9.0	164917.2	-2058.4	4680	10.	170523.3	-2017.1
4411	10.	155925.5	-2050.0	4501	8.9	162219.1	-2030.2	4591	9.3	164918.2	-2059.3	4681	9.9	170524.1	-2055.2
4412	9.2	155937.1	-2023.3	4502	9.9	162222.7	-2059.1	4592	9.5	164920.8	-2034.1	4682	9.8	170544.1	-2026.9
4413	9.0	155941.6	-2026.2	4503	9.5	162310.2	-2015.5	4593	9.5	164924.1	-2050.7	4683	9.7	170556.2	-2046.6
4414	8.5	160005.1	-2021.9	4504	9.7	162315.0	-2043.3	4594	8.5	164951.3	-2033.6	4684	9.4	170603.5	-2010.9
4415	9.8	160043.5	-2038.2	4505	9.0	162348.7	-2028.3	4595	9.8	165020.0	-2009.8	4685	7.8	170615.1	-2047.5
4416	9.5	160053.0	-2032.7	4506	8.5	162352.8	-2026.2	4596	9.5	165041.2	-2058.8	4686	9.2	170616.7	-2055.5
4417	8.3	160105.6	-2013.4	4507	9.3	162409.3	-2040.3	4597	9.6	165047.4	-2047.4	4687	9.5	170620.8	-2058.5
4418	9.4	160107.1	-2026.9	4508	10.	162421.5	-2010.3	4598	9.7	165048.8	-2029.3	4688	10.	170622.3	-2052.7
4419	9.8	160139.4	-2048.6	4509	9.0	162424.3	-2000.6	4599	9.0	165121.9	-2052.7	4689	9.0	170642.9	-2005.8
4420	9.5	160141.1	-2012.0	4510	10.	162508.5	-2034.7	4600	8.5	165159.8	-2021.8	4690	8.9	170644.1	-2007.4
4421	9.6	160208.3	-2001.3	4511	9.3	162513.1	-2013.7	4601	9.5	165213.3	-2022.4	4691	10.	170650.8	-2049.3
4422	9.1	160210.0	-2019.2	4512	9.6	162514.3	-2011.3	4602	9.5	165220.3	-2013.2	4692	9.8	170654.6	-2030.3
4423	8.9	160229.6	-2000.7	4513	10.	162518.6	-2010.4	4603	9.1	165229.1	-2006.7	4693	9.6	170656.8	-2033.9
4424	9.3	160229.9	-2054.5	4514	9.5	162523.4	-2039.5	4604	9.3	165231.6	-2058.2	4694	9.3	170714.5	-2036.5

4695	9.6	170725.7	-2021.3	4785	8.5	172323.9	-2005.5	4875	9.1	173920.2	-2014.0
4696	9.4	170728.2	-2051.6	4786	8.5	172328.0	-2027.8	4876	9.4	173945.0	-2046.1
4697	9.5	170751.6	-2001.7	4787	10.	172335.2	-2005.2	4877	9.9	173955.7	-2020.7
4698	10.	170807.8	-2037.4	4788	9.7	172423.3	-2044.0	4878	9.6	174016.8	-2018.9
4699	9.1	170814.9	-2026.1	4789	9.7	172432.9	-2046.5	4879	8.1	174048.1	-2046.5
4700	9.4	170824.0	-2059.4	4790	8.1	172448.0	-2040.0	4880	9.3	174102.0	-2044.9
4701	9.8	170824.2	-2050.5	4791	9.1	172451.5	-2016.0	4881	9.7	174125.4	-2004.4
4702	9.6	170838.6	-2006.2	4792	9.5	172457.8	-2040.1	4882	9.7	174132.2	-2039.3
4703	9.0	170847.8	-2045.7	4793	9.2	172509.5	-2024.3	4883	9.2	174149.2	-2039.3
4704	9.6	170908.6	-2002.4	4794	9.0	172516.7	-2002.4	4884	9.5	174154.8	-2025.0
4705	9.0	170918.4	-2018.3	4795	9.8	172524.1	-2051.6	4885	10.	174156.3	-2032.4
4706	9.6	170920.5	-2001.4	4796	9.4	172535.4	-2027.8	4886	9.3	174210.9	-2006.3
4707	9.5	170923.1	-2046.2	4797	8.9	172548.2	-2000.0	4887	9.0	174222.8	-2012.7
4708	9.2	170935.3	-2050.7	4798	9.5	172552.8	-2020.0	4888	8.8	174233.5	-2055.1
4709	9.5	170953.2	-2014.0	4799	9.7	172600.5	-2003.3	4889	9.1	174235.0	-2036.1
4710	8.7	170954.8	-2038.4	4800	9.8	172601.5	-2040.6	4890	9.5	174315.6	-2043.7
4711	9.3	171007.6	-2029.4	4801	9.5	172602.0	-2057.8	4891	8.5	174317.3	-2023.5
4712	9.0	171011.2	-2012.3	4802	8.9	172603.1	-2011.0	4892	9.8	174317.4	-2015.0
4713	9.2	171011.4	-2020.3	4803	9.5	172603.9	-2057.0	4893	8.8	174322.9	-2008.6
4714	8.7	171011.9	-2028.6	4804	9.6	172605.0	-2000.7	4894	9.0	174324.2	-2033.3
4715	8.5	171016.9	-2020.2	4805	9.3	172639.3	-2032.8	4895	7.5	174333.6	-2002.2
4716	9.5	171018.1	-2018.8	4806	9.5	172642.6	-2033.4	4896	9.7	174339.9	-2012.6
4717	9.5	171025.2	-2008.5	4807	9.4	172656.6	-2045.9	4897	9.2	174340.2	-2033.4
4718	9.0	171026.9	-2024.3	4808	9.0	172657.1	-2053.4	4898	9.5	174351.9	-2031.3
4719	9.3	171035.6	-2007.6	4809	9.5	172659.0	-2011.1	4899	9.6	174410.7	-2046.3
4720	9.3	171037.6	-2026.8	4810	9.7	172701.3	-2042.7	4900	10.	174421.7	-2032.2
4721	9.6	171040.4	-2000.2	4811	9.2	172701.9	-2059.2	4901	8.5	174423.1	-2048.5
4722	8.9	171040.8	-2004.3	4812	8.9	172718.2	-2010.3	4902	9.4	174447.8	-2028.0
4723	9.1	171041.3	-2055.2	4813	8.5	172732.5	-2015.6	4903	9.5	174459.3	-2020.7
4724	10.	171058.8	-2048.6	4814	8.5	172743.6	-2052.8	4904	10.	174519.9	-2029.2
4725	9.8	171121.6	-2025.0	4815	8.9	172745.4	-2036.6	4905	9.8	174541.8	-2036.4
4726	9.8	171124.4	-2056.9	4816	9.8	172752.4	-2036.3	4906	9.6	174544.6	-2044.1
4727	9.8	171126.2	-2030.1	4817	9.3	172757.6	-2047.1	4907	8.1	174600.6	-2059.2
4728	10.	171128.7	-2004.6	4818	7.9	172807.2	-2051.3	4908	9.3	174616.5	-2057.5
4729	9.4	171128.8	-2013.9	4819	9.3	172824.9	-2034.4	4909	8.7	174623.3	-2022.3
4730	9.5	171158.6	-2058.0	4820	9.2	172825.4	-2036.6	4910	9.9	174629.3	-2033.7
4731	5.0	171219.2	-2057.3	4821	9.4	172847.0	-2000.6	4911	9.5	174641.7	-2015.6
4732	9.0	171219.3	-2012.6	4822	9.7	172848.7	-2002.5	4912	9.8	174647.4	-2055.5
4733	9.8	171225.4	-2003.9	4823	8.2	172852.4	-2035.4	4913	9.5	174700.0	-2042.2
4734	9.0	171228.2	-2018.8	4824	9.3	172855.1	-2009.8	4914	9.8	174700.9	-2000.4
4735	9.5	171229.7	-2044.1	4825	9.0	172900.0	-2056.7	4915	9.2	174733.5	-2041.6
4736	9.0	171230.4	-2019.9	4826	8.8	172912.1	-2033.9	4916	9.8	174734.5	-2019.8
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4741	9.4	171314.7	-2016.5	4831	9.0	173009.9	-2039.0	4921	9.0	174808.8	-2050.4
4742	7.3	171315.1	-2024.9	4832	9.5	173031.3	-2041.7	4922	8.8	174836.2	-2010.7
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4744	8.5	171326.6	-2035.8	4834	9.5	173040.2	-2046.2	4924	8.5	174859.3	-2036.0
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4749	9.5	171410.2	-2015.4	4839	9.4	173144.2	-2041.8	4929	9.0	174950.8	-2015.2
4750	8.1	171422.0	-2004.4	4840	9.2	173147.6	-2040.8	4930	9.8	175001.7	-2005.9
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4752	9.2	171442.2	-2005.0	4842	8.2	173212.5	-2046.8	4932	9.3	175017.5	-2051.4
4753	9.8	171456.0	-2054.1	4843	9.5	173228.0	-2055.5	4933	9.3	175019.5	-2050.2
4754	9.6	171500.1	-2050.0	4844	9.5	173254.0	-2007.5	4934	8.0	175027.1	-2002.6
4755	9.7	171512.2	-2033.8	4845	9.8	173312.5	-2045.3	4935	9.5	175035.9	-2041.2
4756	9.7	171516.2	-2009.8	4846	9.5	173312.7	-2023.5	4936	9.6	175102.0	-2003.1
4757	9.7	171516.9	-2016.7	4847	9.9	173354.1	-2045.8	4937	9.4	175119.1	-2026.5
4758	9.5	171520.1	-2022.2	4848	7.9	173355.4	-2001.4	4938	10.	175120.8	-2019.5
4759	9.1	171528.4	-2003.7	4849	9.7	173402.4	-2046.9	4939	9.6	175122.2	-2041.5
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4761	9.8	171534.1	-2032.0	4851	9.8	173416.3	-2057.4	4941	9.4	175132.7	-2001.5
4762	8.8	171606.2	-2017.9	4852	9.1	173421.7	-2040.8	4942	9.5	175136.4	-2043.8
4763	9.7	171610.2	-2023.3	4853	9.8	173437.5	-2051.5	4943	9.7	175140.4	-2043.5
4764	9.7	171616.0	-2013.7	4854	9.4	173441.4	-2022.5	4944	8.0	175217.5	-2058.8
4765	9.3	171626.2	-2013.7	4855	9.2	173451.4	-2030.7	4945	8.2	175226.2	-2047.2
4766	8.8	171647.8	-2042.8	4856	9.5	173505.6	-2058.1	4946	8.8	175228.4	-2030.0
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4770	8.9	171810.4	-2036.9	4860	9.6	173524.3	-2038.7	4950	9.7	175351.7	-2056.1
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4773	8.0	171845.6	-2023.5	4863	9.3	173613.8	-2027.2	4953	9.5	175417.6	-2042.5
4774	9.5	171903.9	-2046.1	4864	9.4	173620.4	-2042.9	4954	9.5	175422.1	-2042.7
4775	7.8	171937.7	-2050.1	4865	8.2	173704.0	-2008.9	4955	9.5	175424.6	-2018.2
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5002	9.3	175938.2	-2051.6								
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5046	9.5	180555.7	-2020.0								
5047	9.3	180559.1	-2018.4								
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5051	8.7	180622.4	-2054.5								
5052	9.5	180626.7	-2032.8								
5053	9.6	180629.5	-2048.8								
5054	5.8	180633.2	-2046.1								

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5090	9.5	181109.2	-2027.3	5180	9.0	182454.5	-2043.4	5270	9.6	183928.9	-2035.1
5091	9.4	181117.1	-2017.9	5181	9.4	182458.0	-2035.4	5271	10.	184013.0	-2026.2
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5093	10.	181137.6	-2014.8	5183	10.	182508.2	-2034.6	5273	9.5	184024.1	-2034.6
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5095	9.1	181141.8	-2034.1	5185	9.0	182529.3	-2023.1	5275	9.1	184053.8	-2035.6
5096	9.4	181144.0	-2026.9	5186	9.6	182529.9	-2002.8	5276	9.5	184100.3	-2046.4
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5101	9.5	181236.5	-2058.4	5191	9.0	182650.4	-2048.5	5281	9.2	184158.2	-2059.6
5102	9.5	181238.0	-2054.1	5192	9.4	182654.8	-2023.6	5282	8.8	184205.3	-2047.5
5103	9.8	181256.6	-2013.7	5193	9.4	182726.9	-2017.1	5283	9.1	184206.6	-2026.2
5104	9.1	181259.8	-2007.0	5194	9.8	182746.0	-2047.3	5284	9.4	184209.4	-2003.8
5105	9.3	181325.6	-2016.2	5195	9.8	182802.0	-2035.6	5285	9.5	184218.5	-2051.4
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5107	9.1	181338.2	-2045.9	5197	9.0	182806.8	-2026.6	5287	9.1	184227.8	-2018.8
5108	8.7	181344.1	-2007.7	5198	9.5	182810.2	-2000.9	5288	8.3	184229.9	-2027.9
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5114	9.8	181408.1	-2026.5	5204	9.2	182837.3	-2009.8	5294	9.4	184305.2	-2022.0
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5330	9.3	184643.1	-2012.6								
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5332	10.	184655.8	-2050.2								
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5350	10.	185011.8	-2039.0								
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5410	9.0	190030.8	-2024.3								
5411	9.6	190055.5	-2012.2								
5412	9.3	190104.8	-2056.1								
5413	8.0	190105.2	-2016.2								
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-20 5415 19h01m

-20 5774 19h49m

5415	6.5	190115.7	-2001.4	5505	9.8	191244.6	-2033.8	5595	9.5	192358.9	-2033.2	5685	9.5	193612.7	-2046.2
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5435	9.2	190331.7	-2038.4	5525	9.0	191519.3	-2029.0	5615	9.7	192654.8	-2031.6	5705	8.3	193838.3	-2014.0
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5452	9.6	190512.0	-2042.0	5542	9.5	191715.5	-2033.9	5632	9.5	192947.0	-2011.1	5722	9.0	194124.6	-2033.8
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5454	9.3	190529.3	-2009.7	5544	9.8	191718.3	-2009.6	5634	9.5	192955.3	-2020.7	5724	9.4	194134.2	-2055.6
5455	9.5	190530.0	-2022.0	5545	8.5	191719.4	-2049.8	5635	9.5	192959.0	-2044.6	5725	9.5	194143.7	-2057.5
5456	9.4	190531.5	-2057.9	5546	9.5	191720.1	-2030.1	5636	9.0	192959.9	-2037.4	5726	9.8	194158.6	-2031.1
5457	9.9	190543.5	-2044.1	5547	9.5	191728.4	-2004.4	5637	9.5	193004.5	-2029.0	5727	9.5	194226.8	-2022.4
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5459	9.1	190608.3	-2009.5	5549	9.1	191742.7	-2052.3	5639	9.5	193042.3	-2051.0	5729	9.1	194242.7	-2033.8
5460	9.0	190617.3	-2016.9	5550	9.5	191749.8	-2035.9	5640	9.8	193106.5	-2036.6	5730	9.8	194251.5	-2035.1
5461	9.5	190619.8	-2056.9	5551	8.2	191759.8	-2052.3	5641	9.5	193125.2	-2015.6	5731	9.3	194253.7	-2029.3
5462	9.5	190627.0	-2042.3	5552	9.5	191813.3	-2029.1	5642	8.0	193131.2	-2020.5	5732	9.8	194256.7	-2006.5
5463	9.5	190637.6	-2049.1	5553	9.4	191822.4	-2000.7	5643	9.2	193132.3	-2007.7	5733	9.3	194300.7	-2053.5
5464	7.3	190654.0	-2002.2	5554	9.4	191826.3	-2059.7	5644	7.8	193137.6	-2052.0	5734	9.5	194309.3	-2013.5
5465	10.	190703.8	-2056.5	5555	9.5	191831.6	-2008.5	5645	9.5	193145.9	-2046.0	5735	8.2	194323.0	-2003.9
5466	9.8	190704.3	-2014.0	5556	8.5	191845.5	-2014.8	5646	9.7	193148.6	-2005.3	5736	9.5	194327.7	-2045.2
5467	9.8	190711.6	-2031.8	5557	9.0	191845.6	-2056.8	5647	9.4	193149.1	-2024.7	5737	9.8	194332.6	-2037.4
5468	8.4	190734.0	-2042.1	5558	9.8	191857.5	-2036.8	5648	9.9	193159.3	-2025.8	5738	9.5	194336.3	-2020.4
5469	9.6	190748.7	-2053.5	5559	8.2	191901.9	-2039.3	5649	10.	193206.9	-2040.6	5739	8.9	194342.7	-2036.5
5470	10.	190757.3	-2050.7	5560	9.8	191927.6	-2058.1	5650	9.6	193214.1	-2011.7	5740	9.6	194343.7	-2005.0
5471	9.1	190812.0	-2045.2	5561	8.2	191931.8	-2048.0	5651	9.8	193227.9	-2029.9	5741	9.4	194347.9	-2043.3
5472	9.6	190824.9	-2050.2	5562	9.8	191937.6	-2056.8	5652	8.8	193230.1	-2022.2	5742	9.0	194358.0	-2014.8
5473	8.2	190836.9	-2048.1	5563	9.8	191944.2	-2027.4	5653	9.0	193232.7	-2044.0	5743	8.8	194409.6	-2019.5
5474	9.0	190840.6	-2057.3	5564	9.6	191956.0	-2018.9	5654	9.2	193238.4	-2006.9	5744	9.5	194426.4	-2016.0
5475	9.8	190844.6	-2046.8	5565	9.6	191959.3	-2019.1	5655	8.5	193239.6	-2041.5	5745	10.	194435.0	-2052.2
5476	9.1	190846.0	-2058.2	5566	9.0	192015.0	-2000.8	5656	9.4	193241.1	-2028.2	5746	9.5	194436.7	-2026.6
5477	9.5	190850.6	-2035.8	5567	9.8	192019.1	-2043.8	5657	9.3	193247.3	-2009.0	5747	9.0	194450.5	-2006.8
5478	9.5	190857.3	-2010.5	5568	9.4	192020.5	-2008.9	5658	8.5	193258.1	-2025.3	5748	9.5	194453.4	-2013.1
5479	9.1	190903.0	-2013.4	5569	9.5	192029.7	-2023.0	5659	9.5	193259.7	-2020.3	5749	9.6	194501.0	-2043.8
5480	9.2	190904.5	-2014.3	5570	9.5	192033.7	-2037.0	5660	9.0	193300.2	-2001.8	5750	9.5	194503.8	-2023.8
5481	9.0	190923.0	-2007.4	5571	9.3	192035.7	-2037.2	5661	9.8	193313.7	-2000.0	5751	9.8	194505.9	-2037.3
5482	9.7	190923.2	-2045.0	5572	9.3	192041.7	-2002.5	5662	9.8	193320.9	-2028.0	5752	9.0	194512.9	-2044.3
5483	9.5	190931.3	-2032.5	5573	9.5	192057.4	-2056.4	5663	9.8	193329.5	-2012.9	5753	9.4	194520.2	-2045.6
5484	9.4	190934.9	-2019.6	5574	9.3	192113.9	-2030.7	5664	9.5	193340.0	-2011.2	5754	9.6	194542.8	-2052.3
5485	9.5	190937.1	-2000.9	5575	9.4	192117.2	-2046.6	5665	9.9	193351.4	-2026.0	5755	9.8	194556.0	-2043.2
5486	8.3	190946.4	-2041.7	5576	9.1	192125.0	-2039.4	5666	9.2	193351.7	-2046.3	5756	9.0	194615.7	-2028.3
5487	9.5	191007.2	-2033.0	5577	9.1	192143.0	-2001.0	5667	8.9	193410.7	-2016.7	5757	9.5	194625.0	-2050.0
5488	9.9	191019.7	-2055.3	5578	10.	192207.1	-2026.4	5668	9.5	193414.0	-2048.6	5758	9.5	194625.9	-2039.3
5489	9.5	191031.3	-2057.5	5579	9.8	192212.9	-2016.3	5669	8.8	193415.5	-2031.9	5759	8.3	194640.6	-2042.9
5490	9.5	191031.3	-2001.6	5580	9.4	192228.0	-2021.6	5670	9.5	193423.1	-2049.4	5760	9.5	194654.4	-2022.5
5491	9.0	191033.7	-2033.3	5581	9.1	192235.0	-2039.3	5671	9.5	193427.2	-2029.5	5761	9.5	194659.3	-2018.0
5492	9.1	191050.5	-2012.3	5582	9.8	192252.7	-2007.8	5672	9.7	193430.1	-2043.3	5762	9.1	194719.2	-2031.5
5493	9.2	191054.1	-2041.4	5583	10.	192254.1	-2027.3	5673	9.3	193440.9	-2008.5	5763	9.7	194724.0	-2043.7
5494	9.4	191055.5	-2029.3	5584	8.8	192256.8	-2043.4	5674	8.7	193451.8	-2030.2	5764	9.5	194725.7	-2014.6
5495	9.3	191115.4	-2052.9	5585	9.5	192307.1	-2030.7	5675	9.5	193455.5	-2030.4	5765	8.8	194730.9	-2052.2
5496	9.5	191125.0	-2011.7	5586	9.1	192314.7	-2002.1	5676	9.5	193458.0	-2014.3	5766	9.5	194738.5	-2054.2
5497	9.1	191130.2	-2030.1	5587	9.5	192322.4	-2049.9	5677	10.	193505.0	-2057.2	5767	9.6	194753.8	-2050.2
5498	9.2	191134.0	-2010.3	5588	9.5	192328.4	-2028.0	5678	9.5	193524.5	-2029.3	5768	8.5	194812.6	-2051.4
5499	9.4	191140.4	-2006.2	5589	9.8	192330.0	-2058.4	5679	9.1	193544.3	-2034.6	5769	9.7	194815.6	-2050.3
5500	9.8	191150.6	-2021.5	5590	8.0	192333.6	-2041.8	5680	9.3	193546.1	-2005.0	5770	8.8	194829.5	-2058.0
5501	9.8	191217.3	-2022.1	5591	9.5	192340.4	-2027.2	5681	9.3	193556.3	-2022.0	5771	9.5	194858.8	-2009.4
5502	9.0	191225.7	-2057.6	5592	9.6	192344.1	-2015.1	5682	9.6	193601.8	-2001.8	5772	9.7	194902.2	-2041.6
5503	10.	191232.0	-2044.7	5593	9.6	192352.9	-2043.0	5683	9.5	193607.6	-2049.4	5773	9.0	194912.0	-2017.2
5504	9.7	191242.1	-2044.4	5594	9.0	192356.7	-2000.6	5684	9.3	193611.2	-2048.9	5774	9.5	194930.0	-2019.7

-20 5775 19h49m

-20 6134 20h59m

5775	9.5	194958.4	-2025.4	5865	9.4	200639.1	-2025.5	5955	9.0	202157.9	-2045.4	6045	9.4	204159.5	-2008.5
5776	8.3	195011.5	-2019.2	5866	9.0	200655.6	-2055.6	5956	8.8	202209.9	-2023.8	6046	9.0	204211.0	-2013.3
5777	8.3	195032.3	-2028.4	5867	9.4	200705.7	-2000.5	5957	9.2	202258.9	-2016.9	6047	9.1	204213.0	-2005.9
5778	9.8	195035.3	-2021.0	5868	9.4	200731.0	-2052.8	5958	9.8	202301.5	-2031.2	6048	9.0	204248.5	-2007.9
5779	9.3	195101.7	-2032.9	5869	10.	200748.7	-2059.1	5959	9.3	202315.1	-2054.4	6049	9.7	204256.2	-2041.4
5780	9.4	195109.4	-2046.7	5870	7.8	200749.0	-2027.6	5960	10.	202317.2	-2000.8	6050	9.3	204327.1	-2055.3
5781	8.6	195117.3	-2035.8	5871	9.6	200751.6	-2022.0	5961	9.3	202330.4	-2022.7	6051	9.0	204327.4	-2048.7
5782	10.	195159.3	-2036.9	5872	9.5	200756.1	-2047.4	5962	9.5	202405.8	-2002.5	6052	9.8	204333.8	-2011.0
5783	10.	195159.8	-2038.5	5873	9.3	200800.8	-2010.8	5963	9.0	202411.9	-2026.9	6053	8.8	204340.0	-2023.1
5784	7.0	195203.5	-2015.0	5874	8.7	200805.2	-2031.4	5964	9.2	202413.5	-2036.5	6054	9.5	204356.3	-2013.4
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5786	9.5	195249.0	-2001.8	5876	9.5	200820.8	-2045.5	5966	9.0	202424.0	-2033.2	6056	8.6	204410.3	-2004.4
5787	9.2	195304.1	-2008.1	5877	9.4	200838.8	-2009.5	5967	9.4	202429.2	-2034.3	6057	9.4	204419.2	-2006.0
5788	9.5	195313.1	-2055.3	5878	10.	200843.5	-2031.0	5968	9.3	202429.2	-2007.3	6058	9.2	204420.0	-2015.8
5789	9.5	195327.2	-2001.8	5879	10.	200843.9	-2033.7	5969	9.2	202455.1	-2032.7	6059	9.8	204420.8	-2026.4
5790	9.5	195329.0	-2009.6	5880	7.8	200851.2	-2024.3	5970	9.1	202517.6	-2054.6	6060	10.	204445.6	-2046.2
5791	9.5	195332.5	-2052.5	5881	9.3	200858.5	-2051.5	5971	9.9	202532.2	-2040.6	6061	9.5	204518.1	-2010.4
5792	9.5	195406.2	-2038.9	5882	9.6	200904.2	-2031.9	5972	9.6	202605.9	-2000.8	6062	9.0	204518.1	-2018.5
5793	9.5	195434.8	-2010.3	5883	9.3	200908.7	-2030.4	5973	9.2	202608.6	-2036.8	6063	9.4	204546.7	-2040.0
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5795	9.8	195503.5	-2029.6	5885	10.	201005.0	-2046.8	5975	9.4	202641.5	-2038.4	6065	9.5	204553.7	-2037.0
5796	9.5	195508.5	-2018.4	5886	8.7	201011.4	-2008.4	5976	9.4	202648.1	-2054.2	6066	9.4	204609.8	-2041.9
5797	9.5	195543.9	-2043.6	5887	8.9	201054.8	-2001.3	5977	9.4	202652.2	-2059.4	6067	9.5	204642.1	-2018.8
5798	9.1	195547.6	-2049.7	5888	9.4	201055.7	-2025.6	5978	10.	202701.0	-2034.2	6068	9.8	204646.6	-2030.2
5799	9.5	195558.0	-2051.2	5889	8.1	201109.2	-2021.8	5979	10.	202729.2	-2010.4	6069	9.4	204707.0	-2049.5
5800	9.5	195559.2	-2031.4	5890	9.3	201112.0	-2020.1	5980	9.6	202746.7	-2048.0	6070	8.8	204720.6	-2022.1
5801	9.5	195603.0	-2039.2	5891	9.7	201112.3	-2039.4	5981	9.8	202820.3	-2026.5	6071	9.7	204754.9	-2044.4
5802	9.5	195610.6	-2039.8	5892	9.6	201117.8	-2017.9	5982	9.5	202820.6	-2039.7	6072	9.6	204758.4	-2044.6
5803	8.5	195616.6	-2056.1	5893	9.5	201121.2	-2053.0	5983	9.5	202821.2	-2033.1	6073	9.1	204800.8	-2007.8
5804	9.5	195645.4	-2012.1	5894	9.7	201128.8	-2003.5	5984	9.0	202821.6	-2019.0	6074	9.4	204802.9	-2054.6
5805	9.5	195649.5	-2014.4	5895	8.8	201130.8	-2021.4	5985	9.1	202855.1	-2031.8	6075	9.8	204804.6	-2056.3
5806	9.8	195708.2	-2038.1	5896	8.8	201141.9	-2042.5	5986	8.5	202900.9	-2021.0	6076	9.2	204831.5	-2035.2
5807	9.5	195717.8	-2005.0	5897	10.	201159.7	-2044.9	5987	9.3	202905.6	-2008.9	6077	9.6	204844.7	-2012.0
5808	8.8	195721.2	-2056.9	5898	9.4	201200.4	-2052.9	5988	9.9	202924.1	-2050.6	6078	9.7	204854.9	-2006.8
5809	9.5	195723.8	-2003.5	5899	8.7	201202.1	-2025.3	5989	9.4	202928.7	-2034.2	6079	9.0	204917.3	-2035.5
5810	9.3	195742.0	-2018.8	5900	9.3	201203.5	-2059.2	5990	9.6	202944.6	-2027.7	6080	10.	204920.0	-2011.2
5811	9.5	195743.3	-2031.9	5901	7.5	201204.9	-2005.9	5991	9.0	202956.3	-2003.8	6081	8.5	204938.2	-2037.4
5812	9.3	195754.0	-2019.5	5902	9.8	201209.5	-2006.0	5992	9.5	203015.2	-2036.9	6082	9.0	204941.7	-2021.1
5813	10.	195756.3	-2032.4	5903	9.5	201232.6	-2057.3	5993	9.5	203015.5	-2050.0	6083	9.7	204952.5	-2003.7
5814	8.5	195800.7	-2033.4	5904	9.7	201233.3	-2003.3	5994	9.9	203045.6	-2004.9	6084	9.8	204957.4	-2055.6
5815	9.0	195807.1	-2011.3	5905	9.0	201233.7	-2006.0	5995	8.7	203112.3	-2010.9	6085	10.	205018.5	-2022.5
5816	9.0	195820.7	-2058.1	5906	10.	201257.8	-2022.5	5996	9.0	203114.0	-2035.4	6086	9.0	205020.8	-2041.7
5817	9.5	195908.3	-2050.8	5907	9.6	201301.3	-2055.1	5997	9.8	203126.9	-2010.4	6087	9.0	205024.9	-2052.1
5818	9.6	195914.6	-2024.7	5908	9.5	201313.6	-2037.1	5998	9.5	203127.7	-2029.4	6088	9.5	205035.7	-2012.6
5819	9.0	195918.1	-2017.1	5909	9.4	201344.7	-2031.7	5999	9.6	203129.9	-2040.9	6089	9.8	205055.5	-2025.1
5820	8.3	195919.4	-2011.7	5910	9.3	201354.6	-2039.5	6000	10.	203152.4	-2055.8	6090	7.8	205105.0	-2059.8
5821	10.	195925.1	-2048.8	5911	9.1	201357.0	-2041.2	6001	9.5	203210.3	-2054.7	6091	10.	205108.0	-2053.8
5822	9.4	195929.7	-2012.4	5912	9.5	201401.3	-2045.4	6002	9.4	203218.9	-2040.2	6092	9.6	205113.9	-2005.5
5823	10.	195957.7	-2019.8	5913	8.5	201403.1	-2014.2	6003	10.	203305.1	-2042.7	6093	8.8	205140.8	-2010.0
5824	9.5	200000.2	-2048.4	5914	9.6	201410.9	-2052.6	6004	10.	203336.5	-2053.0	6094	8.8	205145.3	-2032.3
5825	9.5	200001.4	-2009.8	5915	9.8	201412.4	-2019.5	6005	9.5	203338.7	-2020.2	6095	9.5	205200.4	-2038.1
5826	9.5	200013.2	-2021.6	5916	9.7	201429.1	-2046.9	6006	10.	203354.2	-2043.6	6096	8.3	205237.6	-2028.7
5827	9.4	200025.8	-2010.1	5917	8.5	201504.4	-2059.0	6007	9.8	203401.8	-2045.4	6097	9.8	205256.9	-2015.9
5828	9.5	200046.4	-2023.3	5918	9.4	201512.7	-2020.6	6008	9.1	203428.7	-2031.8	6098	10.	205316.1	-2052.6
5829	9.8	200103.5	-2047.8	5919	8.9	201523.7	-2022.2	6009	10.	203429.6	-2026.2	6099	10.	205325.0	-2000.8
5830	9.1	200116.6	-2046.8	5920	9.0	201527.4	-2041.7	6010	9.4	203430.4	-2044.9	6100	9.1	205338.7	-2005.7
5831	9.0	200138.1	-2048.8	5921	9.5	201528.0	-2059.2	6011	8.7	203437.8	-2000.2	6101	9.3	205358.5	-2009.0
5832	9.2	200139.5	-2003.9	5922	9.5	201534.9	-2000.2	6012	8.7	203444.0	-2044.7	6102	8.5	205359.5	-2053.7
5833	8.8	200155.9	-2054.0	5923	9.2	201540.2	-2014.2	6013	10.	203448.3	-2040.5	6103	9.5	205409.0	-2059.3
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5835	9.5	200238.0	-2025.4	5925	9.0	201623.2	-2010.4	6015	10.	203532.3	-2013.2	6105	9.0	205441.0	-2012.7
5836	7.3	200243.9	-2040.9	5926	8.7	201633.3	-2028.0	6016	9.7	203537.8	-2028.8	6106	9.4	205446.9	-2049.0
5837	9.1	200248.1	-2004.4	5927	9.8	201707.9	-2008.6	6017	9.8	203542.6	-2054.8	6107	9.3	205451.6	-2053.3
5838	9.4	200256.0	-2034.1	5928	9.2	201716.8	-2053.9	6018	9.4	203550.0	-2043.7	6108	8.3	205504.1	-2017.5
5839	8.5	200308.4	-2038.6	5929	10.	201727.9	-2054.8	6019	9.3	203600.6	-2052.9	6109	10.	205512.1	-2009.6
5840	9.3	200313.5	-2034.5	5930	9.2	201733.2	-2010.9	6020	9.5	203609.4	-2042.6	6110	9.7	205525.3	-2043.1
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6135	9.5	205953.1	-2018.2	6225	9.5	212339.3	-2029.3	6315	9.3	214609.8	-2041.8
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6469	10.	223305.5	-2044.0								
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6471	9.4	223509.7	-2006.7								
6472	10.	223514.0	-2044.1								
6473	8.5	223543.4	-2006.5								
6474	9.5	223611.8	-2038.1								
6475	8.0	223623.6	-2006.5								
6476	9.8	223623.8	-2016.2								
6477	8.8	223646.7	-2003.1								
6478	9.5	223707.1	-2051.8								
6479	9.5	223752.3	-2016.3								
6480	9.8	223805.3	-2015.6								
6481	9.6	223838.3	-2032.1								
6482	10.	223853.0	-2047.4								
6483	8.8	223903.1	-2040.1								
6484	9.8	223906.3	-2034.0								
6485	9.3	223913.8	-2004.8								
6486	5.4	223945.4	-2022.0								
6487	8.5	224031.4	-2027.7								
6488	9.7	224047.3	-2015.9								
6489	9.7	224121.7	-2044.4								
6490	9.6	224137.2	-2026.7								
6491	9.7	224219.5	-2003.1								
6492	9.6	224309.1	-2047.4								
6493	9.7	224328.8	-2015.5								
6494	9.9	224334.6	-2040.2								

-20 6494 22h43m

6495	8.3	224400.0	-2014.1	6585	8.3	231506.0	-2028.8	6675	10.	234933.7	-2035.9
6496	9.7	224436.2	-2028.0	6586	9.8	231513.1	-2009.1	6676	10.	234938.6	-2058.2
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6502	9.1	224549.6	-2018.7	6592	8.3	231831.7	-2009.9	6682	8.0	235123.9	-2027.2
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6504	8.6	224710.5	-2004.8	6594	10.	231908.0	-2020.7	6684	7.3	235156.7	-2050.0
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6506	10.	224727.4	-2026.4	6596	9.6	232002.4	-2041.1	6686	9.4	235213.5	-2001.4
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6508	9.2	224815.1	-2026.4	6598	9.3	232017.3	-2010.6	6688	8.8	235232.4	-2018.3
6509	9.7	224828.6	-2051.2	6599	8.7	232018.0	-2030.5	6689	8.5	235244.0	-2012.7
6510	9.7	224844.7	-2022.2	6600	9.6	232038.6	-2058.0	6690	10.	235338.7	-2009.6
6511	8.0	224923.8	-2019.3	6601	9.0	232050.1	-2057.4	6691	10.	235343.5	-2012.7
6512	9.9	225000.9	-2028.2	6602	9.5	232057.2	-2018.2	6692	10.	235353.4	-2027.0
6513	8.5	225010.7	-2036.3	6603	9.0	232112.7	-2010.4	6693	9.2	235405.1	-2046.7
6514	9.9	225035.0	-2028.2	6604	9.3	232114.2	-2057.8	6694	9.8	235419.2	-2040.1
6515	9.7	225127.5	-2048.4	6605	9.3	232137.2	-2020.6	6695	9.5	235420.5	-2000.1
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6517	10.	225155.4	-2018.3	6607	10.	232302.5	-2045.3	6697	10.	235438.5	-2026.5
6518	10.	225223.8	-2026.3	6608	8.6	232325.9	-2017.4	6698	9.4	235506.5	-2048.1
6519	9.0	225244.8	-2024.1	6609	9.9	232421.7	-2017.-	6699	9.7	235508.8	-2013.1
6520	9.9	225246.6	-2006.0	6610	9.5	232437.7	-2043.4	6700	9.2	235513.6	-2015.1
6521	9.1	225250.2	-2040.6	6611	9.7	232507.2	-2037.6	6701	9.3	235516.1	-2012.2
6522	9.3	225307.9	-2047.5	6612	8.8	232523.3	-2030.3	6702	9.4	235520.1	-2013.9
6523	7.7	225310.4	-2007.3	6613	8.0	232530.2	-2053.2	6703	5.8	235529.9	-2051.1
6524	10.	225339.3	-2037.7	6614	9.3	232539.3	-2035.7	6704	9.4	235607.1	-2022.7
6525	9.1	225407.2	-2059.1	6615	9.8	232543.2	-2048.6	6705	10.	235628.1	-2026.8
6526	8.6	225424.0	-2012.8	6616	8.8	232602.8	-2055.1	6706	10.	235631.5	-2050.4
6527	9.2	225447.4	-2029.9	6617	8.8	232702.3	-2058.2	6707	9.5	235652.8	-2033.8
6528	10.	225448.3	-2010.6	6618	9.5	232812.6	-2014.5	6708	9.2	235655.6	-2027.3
6529	9.6	225457.5	-2045.6	6619	9.2	232819.2	-2051.0	6709	8.8	235710.6	-2014.8
6530	8.8	225503.6	-2009.3	6620	10.	232830.5	-2041.8	6710	8.8	235727.7	-2013.0
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6533	8.5	225540.4	-2005.4	6623	10.	233020.0	-2021.5	6713	10.	235743.2	-2029.1
6534	9.1	225541.1	-2015.3	6624	9.8	233031.5	-2002.2	6714	9.5	235746.0	-2035.0
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6536	9.5	225602.5	-2053.8	6626	9.4	233035.9	-2021.5	6716	9.4	235758.3	-2038.5
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6540	9.8	225845.5	-2007.5	6630	9.2	233238.5	-2031.5	6720	9.5	235900.5	-2052.4
6541	7.8	225855.2	-2014.2	6631	9.7	233305.0	-2052.0	6721	9.6	235915.1	-2042.2
6542	9.8	225900.2	-2043.7	6632	10.	233312.8	-2022.2	6722	10.	235915.9	-2039.6
6543	8.3	225912.6	-2039.3	6633	9.0	233350.6	-2053.1	6723	9.1	235926.4	-2043.0
6544	9.7	225956.4	-2041.3	6634	10.	233358.1	-2054.9	6724	9.5	235942.8	-2021.8
6545	9.5	230027.2	-2050.3	6635	8.0	233412.5	-2058.4	1	9.8	00018.2	-2146.4
6546	9.4	230039.1	-2051.8	6636	7.8	233413.4	-2033.5	2	9.9	00048.4	-2123.1
6547	9.4	230157.1	-2051.3	6637	8.5	233424.5	-2012.3	3	9.7	00054.1	-2146.6
6548	9.5	230157.3	-2032.6	6638	9.8	233430.6	-2004.7	4	9.0	00058.8	-2150.0
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6550	9.5	230256.7	-2053.8	6640	9.2	233512.7	-2040.8	6	10.	00227.8	-2114.0
6551	9.3	230354.6	-2050.0	6641	9.5	233609.8	-2040.7	7	10.	00300.3	-2107.9
6552	9.3	230455.5	-2020.4	6642	9.6	233624.8	-2036.9	8	9.4	00301.9	-2111.5
6553	9.9	230456.4	-2026.2	6643	8.8	233713.0	-2043.5	9	9.8	00311.4	-2112.1
6554	9.2	230518.0	-2003.5	6644	9.7	233750.4	-2053.6	10	9.7	00315.8	-2144.5
6555	9.7	230613.7	-2000.1	6645	9.8	233752.4	-2021.3	11	9.5	00407.9	-2109.0
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6559	9.8	230645.4	-2056.2	6649	9.7	233908.7	-2012.9	15	6.8	00555.0	-2125.5
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6561	9.4	230705.0	-2049.3	6651	9.8	233916.5	-2037.7	17	7.0	00659.5	-2159.5
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6563	8.8	230730.5	-2056.8	6653	9.5	233924.5	-2048.9	19	9.5	00827.2	-2153.5
6564	9.5	230758.0	-2056.9	6654	8.8	233925.2	-2034.3	20	10.	00829.1	-2155.7
6565	9.8	230818.9	-2012.2	6655	8.7	233935.9	-2009.8	21	8.8	00834.2	-2113.3
6566	9.1	230820.1	-2031.4	6656	9.1	234003.6	-2055.4	22	9.3	00838.4	-2116.2
6567	10.	230840.0	-2032.0	6657	9.3	234027.1	-2018.9	23	8.8	00908.3	-2124.9
6568	8.6	230857.4	-2044.6	6658	8.9	234130.0	-2033.0	24	6.0	00920.7	-2100.6
6569	9.4	230945.3	-2010.8	6659	9.8	234220.7	-2020.0	25	9.9	00950.6	-2115.5
6570	9.4	231018.1	-2058.0	6660	9.7	234223.2	-2030.6	26	9.1	00952.3	-2117.3
6571	9.8	231035.7	-2033.8	6661	9.8	234326.3	-2026.0	27	9.8	01013.7	-2146.7
6572	9.3	231045.6	-2037.0	6662	9.7	234427.2	-2030.2	28	9.2	01036.2	-2106.9
6573	10.	231114.4	-2006.1	6663	9.8	234457.9	-2003.1	29	10.	01049.3	-2138.1
6574	9.5	231115.4	-2002.6	6664	9.4	234646.3	-2008.0	30	10.	01050.8	-2119.9
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6576	9.2	231237.3	-2021.5	6666	9.5	234702.7	-2005.1	32	9.4	01100.0	-2134.4
6577	9.8	231242.8	-2043.2	6667	9.4	234728.8	-2005.9	33	10.	01119.3	-2108.7
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6579	10.	231301.6	-2044.1	6669	10.	234834.6	-2022.3	35	9.4	01150.9	-2120.8
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								41	9.1	01537.5	-2127.8
								42	9.8	01604.6	-2107.0
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								44	9.5	01620.5	-2138.4
								45	9.7	01634.2	-2159.1
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								47	10.	01813.6	-2124.7
								48	9.5	01819.1	-2113.5
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								50	9.5	01912.2	-2136.4
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								52	8.6	01946.3	-2119.1
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								127	8.6	04344.7	-2139.7
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								129	7.3	04504.3	-2153.8
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131	9.6	04605.9	-2105.0	221	9.4	11539.2	-2123.5	311	9.4	14201.8	-2136.7	401	9.3	20800.6	-2127.0
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134	9.5	04839.3	-2118.7	224	9.6	11605.6	-2145.3	314	9.8	14224.2	-2109.5	404	8.4	20924.0	-2140.9
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139	9.8	04930.4	-2114.8	229	8.8	11740.5	-2151.1	319	9.8	14316.1	-2107.1	409	9.7	21039.7	-2126.3
140	9.3	05024.4	-2129.1	230	10.	11757.2	-2122.5	320	9.0	14316.3	-2128.9	410	9.9	21102.9	-2102.8
141	7.2	05050.2	-2127.1	231	9.7	11839.1	-2148.8	321	9.8	14328.7	-2124.7	411	9.3	21132.4	-2141.5
142	8.2	05101.7	-2157.9	232	9.4	11858.6	-2102.5	322	9.6	14330.4	-2139.6	412	10.	21133.5	-2138.7
143	8.8	05110.2	-2106.4	233	9.4	11923.0	-2133.9	323	9.5	14337.8	-2135.8	413	9.8	21147.2	-2122.6
144	9.7	05203.0	-2145.2	234	9.1	12002.9	-2128.3	324	9.7	14421.7	-2126.9	414	10.	21228.7	-2155.0
145	9.5	05221.7	-2151.2	235	6.8	12003.7	-2114.4	325	10.	14439.9	-2131.2	415	9.1	21246.3	-2117.0
146	10.	05229.0	-2155.2	236	9.8	12023.3	-2150.9	326	9.0	14446.7	-2154.8	416	8.5	21254.5	-2139.8
147	9.0	05245.9	-2114.3	237	7.0	12025.7	-2105.9	327	8.3	14532.7	-2119.9	417	8.0	21324.2	-2129.4
148	9.0	05257.4	-2150.7	238	7.5	12104.3	-2110.8	328	9.2	14535.6	-2129.4	418	9.4	21338.7	-2112.8
149	8.5	05309.9	-2103.8	239	10.	12149.0	-2152.8	329	9.5	14540.5	-2139.4	419	9.8	21432.4	-2138.7
150	9.4	05319.9	-2100.8	240	9.8	12341.1	-2129.4	330	9.9	14554.9	-2157.0	420	9.5	21436.6	-2107.7
151	10.	05333.1	-2134.5	241	8.7	12411.8	-2151.8	331	8.6	14612.0	-2140.9	421	9.0	21507.6	-2100.5
152	10.	05421.3	-2107.8	242	9.8	12411.9	-2146.3	332	10.	14620.0	-2148.5	422	10.	21536.9	-2154.1
153	9.2	05453.8	-2154.5	243	9.4	12438.3	-2136.1	333	8.8	14640.8	-2157.8	423	9.0	21547.8	-2146.5
154	9.8	05501.3	-2113.1	244	9.3	12504.9	-2157.3	334	9.5	14641.4	-2150.2	424	9.4	21548.7	-2155.5
155	9.2	05503.7	-2103.9	245	8.9	12518.8	-2127.0	335	9.5	14700.3	-2121.1	425	10.	21609.7	-2141.2
156	9.1	05512.3	-2111.8	246	9.5	12519.8	-2141.9	336	9.3	14719.5	-2158.8	426	9.2	21611.2	-2109.4
157	10.	05530.8	-2131.0	247	9.7	12531.2	-2128.8	337	9.2	14749.2	-2158.6	427	9.5	21625.5	-2149.3
158	9.0	05534.4	-2118.9	248	9.7	12533.8	-2129.3	338	8.3	14838.4	-2131.0	428	9.6	21704.9	-2153.9
159	9.8	05555.6	-2126.8	249	8.2	12554.9	-2149.7	339	7.3	14858.3	-2116.5	429	10.	21723.8	-2112.0
160	9.8	05604.9	-2101.7	250	9.5	12601.5	-2109.2	340	10.	14902.2	-2102.0	430	9.5	21820.0	-2117.7
161	9.8	05700.0	-2133.5	251	9.2	12636.6	-2116.9	341	10.	14915.2	-2136.3	431	8.6	21830.4	-2117.3
162	9.0	05723.5	-2140.3	252	7.8	12654.5	-2146.5	342	9.8	14921.2	-2140.4	432	10.	21841.2	-2106.4
163	9.0	05736.8	-2146.1	253	10.	12657.7	-2124.7	343	9.9	14936.9	-2122.5	433	8.5	21903.4	-2158.5
164	10.	05744.3	-2102.5	254	9.5	12711.3	-2129.0	344	9.2	15000.0	-2154.3	434	10.	21922.3	-2149.7
165	7.6	05744.3	-2130.7	255	9.8	12727.4	-2152.9	345	9.6	15003.7	-2106.4	435	8.9	21944.8	-2137.2
166	9.6	05756.2	-2150.6	256	9.0	12752.1	-2105.2	346	9.2	15009.6	-2157.4	436	9.7	22027.6	-2139.7
167	9.7	05922.9	-2142.7	257	9.0	12814.2	-2100.2	347	9.2	15017.2	-2142.8	437	9.1	22134.6	-2146.4
168	9.5	05926.3	-2148.5	258	9.2	12821.3	-2147.9	348	9.7	15040.4	-2127.9	438	8.8	22214.8	-2150.7
169	9.8	05936.0	-2128.3	259	8.5	12824.1	-2156.5	349	10.	15108.8	-2128.4	439	7.0	22236.7	-2141.2
170	9.9	05949.1	-2145.2	260	9.1	12824.9	-2114.9	350	9.7	15111.8	-2122.9	440	9.1	22253.7	-2153.3
171	10.	10007.0	-2105.0	261	9.4	12842.0	-2116.7	351	8.5	15152.2	-2133.4	441	8.5	22318.4	-2129.9
172	9.5	10013.1	-2118.6	262	9.4	12848.0	-2131.0	352	7.4	15205.0	-2150.3	442	8.9	22322.6	-2132.8
173	10.	10015.5	-2108.1	263	9.1	12859.7	-2154.6	353	9.4	15206.1	-2111.6	443	9.3	22323.3	-2151.2
174	9.4	10023.0	-2115.3	264	7.8	12911.4	-2115.4	354	9.1	15224.5	-2116.4	444	9.3	22334.2	-2115.6
175	9.0	10034.6	-2110.1	265	9.3	12936.5	-2151.5	355	9.2	15247.3	-2135.6	445	9.3	22401.3	-2116.7
176	9.5	10052.7	-2150.8	266	8.9	12952.1	-2125.1	356	6.0	15256.3	-2131.6	446	9.8	22409.4	-2122.0
177	9.2	10054.4	-2125.9	267	10.	13009.3	-2121.3	357	9.3	15308.1	-2122.7	447	10.	22418.6	-2138.8
178	10.	10104.5	-2149.0	268	9.5	13018.2	-2154.2	358	4.1	15310.3	-2146.6	448	9.5	22442.0	-2133.3
179	10.	10105.9	-2139.5	269	9.2	13120.9	-2148.8	359	9.5	15339.3	-2127.3	449	9.4	22443.6	-2117.3
180	10.	10136.0	-2148.5	270	9.7	13144.8	-2129.3	360	9.2	15341.5	-2112.2	450	9.6	22451.6	-2150.5
181	9.2	10 25.8	-2118.8	271	9.8	13207.4	-2158.2	361	9.0	15411.4	-2136.5	451	9.6	22544.9	-2132.5
182	9.5	10 53.1	-2156.3	272	9.8	13221.4	-2130.1	362	8.4	15429.3	-2135.9	452	9.7	22555.0	-2102.1
183	9.1	10 03.8	-2153.2	273	9.5	13224.3	-2157.3	363	9.4	15447.5	-2117.1	453	9.4	22614.2	-2124.0
184	9.1	10121.4	-2104.5	274	8.5	13254.4	-2115.3	364	9.5	15508.9	-2147.7	454	9.3	22643.7	-2100.8
185	9.1	10426.8	-2112.6	275	9.1	13314.3	-2139.2	365	8.8	15543.2	-2100.8	455	9.4	22752.7	-2146.8
186	9.8	10522.8	-2142.9	276	8.9	13330.7	-2144.8	366	9.3	15613.6	-2142.7	456	9.6	22839.3	-2124.7
187	9.8	10525.9	-2116.1	277	9.0	13345.9	-2112.8	367	10.	15627.5	-2113.5	457	9.4	22853.3	-2148.7
188	7.3	10530.5	-2113.4	278	8.7	13354.5	-2105.7	368	9.6	15634.6	-2154.3	458	9.8	22933.4	-2144.2
189	9.3	10604.0	-2108.7	279	10.	13444.5	-2109.2	369	9.4	15726.4	-2142.8	459	8.2	22938.9	-2159.9
190	9.5	10634.3	-2126.0	280	10.	13453.3	-2138.0	370	9.8	15752.2	-2136.0	460	9.2	22959.0	-2109.6
191	8.1	10647.5	-2117.1	281	9.7	13519.6	-2124.9	371	9.3	15757.1	-2114.7	461	8.2	23007.3	-2123.9
192	9.9	10716.1	-2113.0	282	9.5	13528.0	-2134.4	372	9.1	15805.7	-2139.4	462	9.0	23010.2	-2156.0
193	9.2	10734.6	-2108.4	283	9.8	13623.0	-2144.6	373	9.0	15812.0	-2109.3	463	9.5	23025.4	-2104.7
194	9.4	10746.3	-2100.4	284	9.8	13624.0	-2138.1	374	9.1	15815.6	-2112.6	464	9.3	23034.9	-2149.2
195	9.4	10746.5	-2151.3	285	9.6	13627.9	-2107.9	375	9.5	15831.6	-2117.0	465	9.7	23037.9	-2109.2
196	9.7	10802.4	-2128.6	286	9.9	13628.0	-2143.8	376	9.4	15912.0	-2102.3	466	8.9	23040.5	-2117.9
197	9.2	10835.6	-2108.0	287	9.8	13725.2	-2129.2	377	9.4	20038.0	-2106.0	467	9.5	23053.5	-2107.0
198	8.8	10837.9	-2140.0	288	7.6	13728.7	-2118.6	378	9.5	20043.7	-2134.4	468	9.6	23113.1	-2124.1
199	9.1	10849.2	-2121.4	289	10.	13743.1	-2137.0	379	8.7	20052.9	-2130.7	469	6.8	23153.4	-2105.1
200	9.8	10850.7	-2112.5	290	10.	13813.4	-2134.9	380	9.6	20126.6	-2120.6	470	8.0	23157.1	-2140.1
201	9.7	10921.6	-2143.4	291	9.5	13815.9	-2104.8	381	9.5	20145.9	-2143.6	471	8.3	23223.5	-2129.9
202	9.1	10937.6	-2150.6	292	10.	13843.2	-2143.4	382	8.8	20157.6	-2148.1	472	10.	23233.2	-2118.3
203	10.	10941.2	-2102.2	293	10.	13906.1	-2139.7	383	9.0	20236.2	-2125.6	473	9.3	23259.7	-2152.5
204	9.5	10951.3	-2110.7	294	9.1	13929.1	-2140.5	384	8.8	20320.3	-2126.9	474	7.5	23301.0	-2102.8
205	9.5	11029.7	-2137.9	295	9.2	13937.5	-2103.4	385	9.3	20333.3	-2104.9	475	9.4	23343.3	-2147.6
206	9.0	11050.8	-2159.5	296	9.5	14013.2	-2128.9	386	9.7	20344.7	-2150.9	476	9.6	23427.7	-2114.9
207	10.	11057.9	-2118.7	297	9.1	14028.4	-2144.6	387	9.5	20450.6	-2112.5	477	9.8	23455.9	-2110.1
208	9.8	11132.1	-2153.5	298	9.2	14041.1	-2154.8	388	9.1	20516.3	-2104.2	478	8.2	23505.7	-2147.9
209	9.0	11138.9	-2120.9	299	9.5	14041.4	-2112.0	389	8.2	20516.6	-2131.7	479	10.	23550.5	-2146.1
210	9.5	11145.6	-2116.1	300	6.4	14045.3	-2133.9	390	8.2	20525.8	-2144.8	480	9.3	23553.2	-2101.6
211	9.6	11250.9	-2117.5	301	9.8	14049.2	-2119.2	391	9.4	20548.6	-2153.1	481	8.5	23558.2	-2109.9
212	9.8	11254.8	-2126.4	302	9.7	14058.4	-2150.7	392	9.4	20558.8	-2144.7	482	10.	23613.9	-2136.5
213	8.9	11257.4	-2141.1	303	9.2	14113.7	-2107.5	393	8.7	20600.1	-2141.9	483	9.7	23701.8	-2148.6
214	9.9	11303.5	-2142.0	304	9.4	14124.4	-2131.0	394	8.7	20603.6	-2152.8	484	9.4	23706.3	-2112.3
215	7.3	11303.9	-2114.0	305	9.8	14125.0	-2140.0	395	10.	20608.0	-2121.6	485	9.2	23714.7	-2125.6
216	10.	11342.9	-2114.7	306	8.5	14133.7	-2121.9	396	6.2	20615.5	-2140.9	486	9.8	23715.4	-2123.2
217	9.9	11416.9	-2149.5	307	9.5	14139.3	-2116.1	397	9.1	20623.3	-2152.7	487	9.1	23719.9	-2141.0
218	9.9	11514.8	-2150.0	308	10.	14143.2	-2139.6	398	9.4	20625.7	-2140.3	488	9.8	23727.8	-2146.4
219	9.0	11535.3	-2136.0	309	10.	14147.6	-2106.3	399	9.8	20642.1	-2147.0	489	9.0	23728.7	-2108.8
220	10.	11537.1	-2118.2	310	8.9	14156.8	-2143.6	400	8.5	20718.9	-2112.5	490	10.	23735.1	-2158.7

-21 491 2h37m

-21 850 4h16m

491	10.	23745.1	-2159.3	581	9.9	30726.9	-2159.4	671	10.	33356.8	-2158.8
492	9.9	23754.5	-2128.1	582	9.4	30731.1	-2147.4	672	8.6	33404.6	-2151.2
493	7.0	23840.2	-2101.1	583	9.1	30733.8	-2102.6	673	9.8	33534.0	-2105.2
494	9.4	23905.2	-2145.8	584	9.2	30733.9	-2108.2	674	8.0	33538.5	-2142.0
495	8.9	23909.1	-2129.3	585	9.8	30739.9	-2129.2	675	8.8	33559.6	-2109.6
496	10.	23959.1	-2148.3	586	9.5	30749.5	-2149.8	676	9.0	33601.6	-2135.1
497	9.0	24009.6	-2141.3	587	8.6	30823.6	-2103.8	677	8.3	33613.9	-2100.9
498	9.4	24105.7	-2151.9	588	9.4	30842.7	-2109.6	678	9.5	33631.8	-2152.8
499	7.7	24201.6	-2125.7	589	8.9	30925.3	-2122.0	679	9.8	33657.0	-2112.9
500	9.4	24210.1	-2132.6	590	9.5	30926.5	-2149.1	680	9.1	33712.0	-2106.1
501	9.4	24210.3	-2131.1	591	9.2	30931.7	-2134.0	681	9.2	33734.7	-2127.2
502	9.5	24225.1	-2119.8	592	9.9	31009.8	-2155.7	682	7.8	33757.6	-2134.0
503	9.3	24227.6	-2126.7	593	9.3	31037.3	-2138.0	683	9.1	33816.2	-2157.9
504	9.8	24228.1	-2124.2	594	8.9	31042.2	-2112.9	684	9.4	33816.7	-2122.3
505	9.7	24322.6	-2115.8	595	9.1	31053.3	-2140.0	685	8.8	33823.7	-2145.3
506	9.1	24357.5	-2110.4	596	9.1	31054.6	-2134.8	686	10.	33833.1	-2155.2
507	9.5	24358.4	-2122.1	597	9.4	31126.1	-2158.4	687	9.0	33846.7	-2145.7
508	9.4	24417.8	-2124.3	598	9.4	31129.8	-2138.7	688	10.	33849.8	-2128.6
509	5.0	24427.0	-2135.8	599	9.4	31144.9	-2141.6	689	8.8	33905.3	-2141.3
510	10.	24505.9	-2109.9	600	9.2	31159.4	-2149.6	690	9.5	33927.4	-2131.2
511	8.3	24512.0	-2153.0	601	9.2	31211.8	-2102.6	691	9.5	33929.8	-2117.1
512	9.8	24513.0	-2159.1	602	9.6	31229.8	-2126.0	692	8.7	33932.9	-2126.2
513	9.5	24517.7	-2133.6	603	9.5	31240.5	-2114.1	693	9.4	33939.9	-2153.8
514	8.1	24610.6	-2149.8	604	8.8	31329.6	-2100.3	694	9.1	33942.0	-2132.6
515	9.1	24711.2	-2108.3	605	9.1	31331.5	-2121.9	695	8.7	33956.3	-2116.4
516	10.	24731.4	-2145.5	606	9.4	31334.3	-2125.8	696	9.6	34004.4	-2130.5
517	7.8	24752.2	-2131.1	607	9.5	31334.4	-2147.6	697	9.5	34031.7	-2112.4
518	8.1	24809.7	-2146.9	608	9.5	31408.7	-2102.8	698	9.8	34038.8	-2156.8
519	9.1	24814.4	-2147.8	609	9.4	31411.2	-2110.2	699	9.3	34125.2	-2146.2
520	8.8	24817.6	-2133.8	610	9.1	31426.3	-2108.4	700	9.4	34129.3	-2157.7
521	9.8	24837.3	-2122.6	611	9.0	31435.1	-2138.2	701	9.9	34130.5	-2129.0
522	10.	24903.5	-2139.5	612	9.4	31443.4	-2129.7	702	9.8	34130.6	-2148.7
523	9.8	25022.8	-2106.7	613	9.0	31502.2	-2158.7	703	5.7	34211.9	-2120.8
524	7.6	25035.9	-2150.0	614	9.5	31503.0	-2129.8	704	9.0	34226.2	-2144.8
525	9.8	25045.2	-2129.1	615	9.4	31526.7	-2124.8	705	9.7	34236.3	-2115.6
526	9.5	25057.0	-2122.5	616	7.0	31548.6	-2137.4	706	9.8	34238.8	-2157.7
527	9.8	25103.6	-2150.0	617	10.	31614.8	-2142.9	707	8.8	34257.2	-2119.0
528	9.0	25251.1	-2118.2	618	8.8	31617.2	-2136.2	708	9.8	34312.9	-2100.5
529	8.0	25253.3	-2122.9	619	7.2	31739.5	-2127.1	709	9.5	34333.4	-2145.5
530	9.8	25254.2	-2145.3	620	9.8	31755.3	-2145.1	710	9.8	34355.7	-2127.0
531	9.6	25258.6	-2158.2	621	7.8	31845.3	-2135.3	711	9.0	34411.5	-2105.4
532	9.3	25313.0	-2149.0	622	9.8	31852.7	-2158.5	712	9.3	34442.5	-2154.8
533	7.3	25337.1	-2123.6	623	8.9	31947.0	-2117.7	713	6.6	34509.1	-2143.2
534	9.5	25409.2	-2107.0	624	9.8	31950.7	-2150.6	714	9.8	34517.3	-2128.6
535	7.3	25414.5	-2116.2	625	9.4	31953.3	-2122.8	715	9.0	34530.7	-2139.7
536	8.9	25419.1	-2125.5	626	9.5	31959.0	-2116.1	716	9.8	34538.1	-2114.1
537	9.0	25423.0	-2119.1	627	9.5	32010.5	-2117.4	717	9.3	34539.7	-2139.8
538	9.3	25428.3	-2142.8	628	9.1	32020.0	-2108.0	718	9.3	34558.3	-2130.9
539	9.5	25430.7	-2151.9	629	9.5	32055.6	-2118.3	719	9.0	34605.8	-2136.1
540	9.3	25436.2	-2158.7	630	8.9	32119.6	-2154.1	720	9.9	34609.0	-2137.4
541	9.1	25503.4	-2100.5	631	9.0	32137.3	-2127.6	721	9.5	34610.3	-2141.0
542	9.6	25531.3	-2134.7	632	9.4	32151.4	-2104.2	722	8.8	34614.1	-2115.2
543	9.7	25534.5	-2110.2	633	9.5	32209.9	-2120.6	723	10.	34630.6	-2154.5
544	9.1	25600.5	-2103.2	634	9.8	32210.1	-2143.8	724	9.7	34641.8	-2146.9
545	10.	25629.0	-2152.3	635	9.5	32238.3	-2155.7	725	9.8	34651.9	-2146.4
546	9.3	25642.1	-2130.4	636	7.8	32250.6	-2152.3	726	9.5	34652.3	-2123.0
547	10.	25702.9	-2143.0	637	8.3	32313.3	-2154.9	727	8.3	34707.6	-2126.5
548	9.8	25709.9	-2143.2	638	9.5	32343.2	-2125.2	728	9.7	34742.6	-2146.8
549	7.5	25714.4	-2155.8	639	9.5	32426.0	-2152.8	729	9.4	34756.0	-2138.1
550	9.1	25725.8	-2139.7	640	9.5	32429.7	-2123.8	730	9.2	34757.6	-2131.2
551	8.5	25730.7	-2117.5	641	9.9	32430.4	-2114.7	731	8.5	34817.1	-2107.0
552	9.1	25750.2	-2138.5	642	9.4	32511.2	-2133.9	732	9.7	34819.6	-2127.2
553	9.0	25752.3	-2107.0	643	9.1	32521.4	-2149.1	733	9.0	34846.7	-2143.4
554	9.6	25800.6	-2151.3	644	8.5	32538.6	-2144.5	734	9.8	34848.7	-2137.8
555	8.2	25803.9	-2158.4	645	9.4	32553.7	-2147.1	735	9.5	34854.5	-2140.1
556	9.5	25837.7	-2141.2	646	9.0	32558.5	-2106.4	736	8.3	34902.0	-2159.9
557	8.5	25855.6	-2141.0	647	9.3	32601.6	-2148.0	737	9.7	34907.3	-2108.4
558	9.5	25921.5	-2131.9	648	9.3	32611.1	-2107.8	738	9.1	34951.3	-2113.1
559	9.8	25935.4	-2158.5	649	8.8	32631.5	-2116.7	739	9.0	34951.5	-2106.1
560	9.2	25944.3	-2124.3	650	9.5	32631.9	-2126.7	740	9.7	35004.5	-2156.5
561	9.5	25956.8	-2135.1	651	9.5	32655.8	-2106.6	741	9.3	35014.4	-2121.5
562	9.8	30014.7	-2159.4	652	9.6	32700.3	-2112.2	742	9.2	35043.8	-2134.9
563	8.0	30044.2	-2112.5	653	9.3	32719.2	-2128.3	743	9.8	35118.6	-2139.5
564	8.7	30147.5	-2144.5	654	9.6	32807.7	-2147.7	744	9.4	35130.1	-2156.9
565	9.2	30153.9	-2135.1	655	9.8	32830.2	-2129.7	745	8.9	35142.6	-2156.0
566	9.8	30224.5	-2132.6	656	9.7	32902.6	-2138.2	746	9.9	35206.9	-2150.0
567	10.	30232.1	-2158.7	657	9.5	32910.1	-2132.6	747	9.6	35212.2	-2154.2
568	10.	30338.8	-2135.1	658	9.2	32931.9	-2155.7	748	9.4	35223.3	-2126.6
569	8.8	30344.3	-2107.0	659	9.7	32940.9	-2152.7	749	9.5	35233.6	-2123.6
570	9.7	30419.9	-2131.2	660	9.0	33003.8	-2107.2	750	9.8	35257.5	-2159.5
571	8.9	30435.2	-2157.0	661	9.9	33031.1	-2149.4	751	9.8	35334.3	-2156.6
572	9.9	30449.9	-2113.4	662	9.8	33051.9	-2156.2	752	9.5	35342.2	-2122.8
573	7.8	30530.0	-2120.4	663	8.8	33100.5	-2122.5	753	9.8	35342.3	-2104.7
574	9.6	30540.3	-2143.6	664	8.8	33200.9	-2113.3	754	9.0	35349.5	-2122.1
575	9.3	30542.5	-2154.9	665	8.9	33218.9	-2147.7	755	9.1	35353.9	-2144.2
576	7.0	30543.7	-2110.1	666	9.8	33239.0	-2115.8	756	9.3	35419.1	-2133.6
577	9.5	30554.5	-2156.4	667	8.0	33257.8	-2103.8	757	9.8	35419.4	-2111.2
578	9.5	30613.7	-2113.2	668	8.8	33314.1	-2119.0	758	7.5	35432.8	-2107.6
579	9.8	30628.7	-2146.1	669	9.3	33333.6	-2119.4	759	9.4	35433.8	-2156.6
580	10.	30713.0	-2145.9	670	9.1	33343.9	-2106.1	760	8.3	35437.9	-2154.5
761	8.7	35448.8	-2133.1								
762	8.8	35456.0	-2144.4								
763	9.5	35457.4	-2144.9								
764	7.0	35535.4	-2125.7								
765	7.8	35624.2	-2107.9								
766	9.6	35628.0	-2125.0								
767	9.5	35628.8	-2106.0								
768	7.6	35656.6	-2149.3								
769	10.	35717.1	-2154.7								
770	8.7	35756.8	-2100.1								
771	8.6	35756.9	-2144.9								
772	9.6	35759.2	-2141.1								
773	9.0	35807.9	-2128.9								
774	8.8	35814.0	-2152.0								
775	8.5	35838.4	-2113.7								
776	9.7	35845.3	-2144.4								
777	7.5	35851.7	-2151.3								
778	9.4	35855.1	-2114.8								
779	9.5	35858.6	-2147.0								
780	9.7	35903.4	-2153.2								
781	9.8	35922.0	-2132.0								
782	9.8	35954.4	-2103.5								
783	9.8	40006.6	-2142.4								
784	9.1	40013.2	-2113.0								
785	9.1	40013.6	-2159.3								
786	9.2	40020.0	-2134.8								
787	9.4	40036.2	-2107.5								
788	9.5	40036.3	-2116.4								
789	9.6	40129.1	-2121.9								
790	9.5	40201.0	-2107.5								
791	8.2	40201.7	-2121.3								
792	8.7	40228.5	-2154.7								
793	9.8	40231.1	-2116.2								
794	9.1	40236.4	-2100.4								
795	9.5	40238.3	-2153.0								
796	9.5	40239.6	-2118.9								
797	8.5	40249.0	-2105.5								
798	9.8	40305.0	-2107.1								
799	9.8	40310.3	-2126.0								
800	9.3	40324.3	-2125.7								
801	9.1	40343.5	-2153.0								
802	9.5	40357.4	-2106.8								
803	9.4	40428.2	-2122.1								
804	9.4	40505.8	-2134.8								
805	9.1	40507.1	-2135.5								
806	9.4	40517.6	-2106.8								
807	9.2	40525.2	-2147.6								
808	9.5	40525.9	-2129.6								
809	9.1	40527.6	-2107.7								
810	9.4	40533.4	-2137.2								
811	.4	40537.5	-2134.8								
812	.5	40634.5	-2144.4								
813	.3	40703.8	-2130.4								
814	.6	40711.5	-2140.7								
815	9.0	40748.1	-2127.0								
816	9.0	40804.7	-2112.0								
817	8.5	40805.6	-2105.6								
818	9.5	40817.3	-2149.6								
819	9.1	40847.4	-2119.9								
820	9.5	40851.5	-2109.4								
821	9.3	40853.2	-2126.0								
822	9.4	40858.3	-2130.0								
823	9.8	40911.0	-2148.2								
824	9.5	40927.6	-2123.7								
825	9.0	40948.9	-2134.5								
826	8.5	41010.7	-2104.6								
827	9.5	41053.1	-2112.2								
828	9.0	41058.4	-2122.6								
829	8.1	41120.8	-2136.8								
830	9.5	41153.1	-2148.5								
831	6.2	41157.5	-2104.2								
832	8.8	41203.3	-2106.8								
833	9.1	41217.1	-2128.9								
834	9.4	41229.7	-2145.1								
835	9.5	41235.8	-2155.0								
836	9.3	41249.6	-2132.5								
837	9.0	41335.0	-2103.2								
838	9.8	41349.3	-2155.9								
839	9.2	41352.0	-2142.6								
840	9.2	41404.4	-2146.0								
841	9.5	41405.9	-2152.7								
842	7.3	41408.4	-2140.9								
843	8.7	41409.7	-2133.8								
844	9.1	41412.6	-2140.8								
845	7.2	41448.0	-2135.6								
846	9.4	41500.3	-2125.1								
847	9.1	41502.4	-2158.4								
848	8.3	41509.0	-2116.3								
849	10.	41534.3	-2154.1								
850	9.4	41612.7	-2131.5								

851	9.8	41622.6	-2137.6	941	7.3	43322.1	-2131.7	1031	9.5	45206.3	-2114.5	1121	10.	51042.6	-2127.1
852	8.5	41633.4	-2105.8	942	9.6	43334.7	-2104.2	1032	9.7	45210.0	-2148.2	1122	9.3	51044.2	-2144.2
853	8.9	41637.3	-2156.4	943	9.5	43335.2	-2105.5	1033	9.6	45233.5	-2132.5	1123	8.8	51046.0	-2125.6
854	8.9	41652.6	-2157.4	944	9.1	43354.6	-2123.6	1034	9.5	45249.3	-2111.5	1124	9.5	51059.7	-2116.8
855	9.1	41715.2	-2142.3	945	9.8	43401.1	-2142.7	1035	9.6	45256.6	-2113.3	1125	9.3	51108.9	-2112.5
856	10.	41734.4	-2156.7	946	9.5	43422.6	-2147.0	1036	9.1	45304.9	-2119.1	1126	9.7	51122.6	-2154.2
857	9.8	41750.3	-2153.5	947	9.4	43441.3	-2143.4	1037	9.5	45310.4	-2155.6	1127	10.	51208.2	-2150.4
858	9.3	41820.6	-2149.5	948	8.7	43530.2	-2138.6	1038	9.0	45333.5	-2137.2	1128	7.7	51210.0	-2158.9
859	7.7	41845.5	-2132.9	949	9.5	43544.9	-2106.8	1039	9.5	45336.7	-2142.6	1129	8.3	51213.2	-2102.0
860	9.2	41853.6	-2145.8	950	9.1	43552.2	-2108.1	1040	8.8	45402.1	-2106.4	1130	9.5	51213.2	-2146.2
861	10.	41904.0	-2105.7	951	9.1	43558.7	-2152.5	1041	9.6	45421.4	-2148.7	1131	9.1	51239.1	-2133.2
862	9.5	41906.2	-2134.0	952	10.	43613.1	-2139.9	1042	9.6	45427.8	-2137.7	1132	9.0	51252.0	-2117.1
863	9.5	41912.5	-2115.7	953	7.3	43615.5	-2115.0	1043	9.9	45445.4	-2151.4	1133	9.8	51349.4	-2150.1
864	8.5	41914.3	-2117.5	954	9.5	43703.3	-2131.0	1044	8.9	45457.4	-2112.4	1134	9.5	51402.8	-2104.1
865	9.0	41928.2	-2138.7	955	9.7	43708.6	-2129.5	1045	8.2	45518.8	-2152.8	1135	5.0	51415.1	-2123.1
866	9.0	41939.8	-2126.9	956	9.7	43713.7	-2133.1	1046	9.4	45520.9	-2119.6	1136	9.5	51423.6	-2141.6
867	9.5	41943.4	-2149.4	957*	8.8	43721.2	-2104.4	1047	9.8	45540.1	-2107.7	1137	8.0	51443.4	-2111.0
868	8.8	42007.3	-2150.5	958	8.8	43723.5	-2100.3	1048	9.8	45605.9	-2120.2	1138	8.6	51453.0	-2149.9
869	8.3	42008.1	-2117.5	959	8.6	43730.9	-2143.2	1049	9.4	45609.4	-2148.3	1139	9.6	51503.0	-2125.1
870	9.8	42019.0	-2158.9	960	7.6	43748.5	-2122.8	1050	9.4	45610.3	-2144.7	1140	9.5	51510.0	-2118.4
871	9.2	42020.8	-2159.9	961	8.7	43749.9	-2157.7	1051	8.2	45617.7	-2128.1	1141	9.5	51517.9	-2124.5
872	9.1	42032.8	-2145.0	962	9.1	43753.7	-2148.7	1052	9.5	45618.8	-2146.8	1142	9.6	51519.5	-2130.7
873	9.8	42049.1	-2111.9	963	9.8	43804.2	-2118.3	1053	9.0	45631.0	-2137.5	1143	9.3	51521.6	-2122.5
874	9.3	42100.7	-2154.7	964	9.6	43821.0	-2148.5	1054	8.0	45631.4	-2118.6	1144	9.8	51541.9	-2148.2
875	9.4	42105.2	-2157.8	965	9.4	43835.6	-2141.5	1055	9.4	45638.9	-2118.7	1145	9.5	51547.8	-2158.6
876	9.8	42123.6	-2158.0	966	5.5	43849.7	-2133.1	1056	9.7	45651.1	-2148.6	1146	9.4	51558.7	-2140.0
877	9.4	42129.6	-2152.4	967	9.8	43904.6	-2130.1	1057	9.3	45719.6	-2133.2	1147	9.4	51605.5	-2119.2
878	6.7	42140.4	-2149.5	968	10.	43904.7	-2156.1	1058	9.1	45719.7	-2139.5	1148	9.4	51610.1	-2159.8
879	9.5	42154.2	-2130.7	969	9.5	43959.4	-2132.8	1059	9.2	45720.6	-2145.5	1149	9.5	51612.1	-2129.4
880	9.8	42208.5	-2127.8	970	8.5	43959.4	-2143.8	1060	9.5	45805.5	-2150.5	1150	9.5	51621.1	-2128.7
881	9.2	42230.1	-2109.7	971	10.	44005.6	-2157.8	1061	8.5	45810.4	-2120.4	1151	9.0	51633.4	-2156.3
882	9.8	42240.7	-2112.0	972	9.4	44007.7	-2140.5	1062	9.9	45818.4	-2144.5	1152	9.4	51653.9	-2104.3
883	10.	42245.3	-2129.2	973	9.4	44014.0	-2125.9	1063	9.5	45820.1	-2128.0	1153	9.7	51656.3	-2145.6
884	9.8	42254.9	-2152.8	974	9.2	44030.8	-2123.8	1064	9.5	45828.9	-2152.5	1154	9.5	51659.4	-2103.8
885	9.5	42257.1	-2109.6	975	8.8	44036.2	-2123.0	1065	7.5	45829.3	-2125.7	1155	8.9	51711.2	-2121.2
886	8.4	42306.6	-2145.1	976	8.8	44038.1	-2157.2	1066	9.5	45852.9	-2155.6	1156	9.3	51724.9	-2126.1
887	9.3	42315.2	-2151.2	977	7.0	44042.8	-2128.5	1067	7.7	45905.4	-2127.6	1157	9.2	51725.1	-2113.8
888	9.0	42318.3	-2118.5	978	9.5	44052.5	-2151.2	1068	8.6	45923.2	-2137.4	1158	9.4	51731.3	-2145.8
889	9.5	42325.9	-2149.5	979	7.8	44130.5	-2104.3	1069	9.8	45939.7	-2157.0	1159	9.0	51805.5	-2115.6
890	9.6	42327.3	-2155.5	980	9.7	44140.1	-2143.5	1070	8.5	45944.0	-2121.1	1160	9.3	51808.7	-2156.8
891	9.0	42338.1	-2104.0	981	9.8	44148.0	-2122.0	1071	8.5	45955.4	-2105.0	1161	9.7	51809.6	-2136.1
892	8.8	42352.2	-2109.9	982	8.5	44200.9	-2110.2	1072	10.	50034.1	-2107.1	1162	10.	51815.4	-2140.4
893	9.9	42413.2	-2159.4	983	9.3	44215.5	-2157.0	1073	9.5	50037.0	-2128.7	1163	9.2	51820.4	-2152.1
894	8.4	42416.1	-2113.4	984	9.5	44224.0	-2123.1	1074	9.3	50039.2	-2147.2	1164	10.	51848.2	-2141.8
895	7.6	42432.3	-2141.5	985	9.3	44226.3	-2146.2	1075	10.	50104.1	-2130.0	1165	9.1	51928.7	-2124.1
896	7.8	42433.7	-2108.7	986	9.5	44236.6	-2138.3	1076	9.2	50130.5	-2140.2	1166	9.5	51935.4	-2153.8
897	10.	42458.3	-2129.4	987	9.4	44250.0	-2108.9	1077	9.8	50132.9	-2101.0	1167	9.2	51937.4	-2124.2
898	9.6	42514.0	-2142.4	988	9.5	44306.0	-2114.1	1078	8.4	50156.8	-2139.4	1168	9.6	52020.9	-2130.1
899	9.4	42520.1	-2113.2	989	9.7	44324.5	-2158.0	1079	9.1	50158.6	-2149.3	1169	8.8	52039.2	-2147.6
900	8.5	42526.8	-2119.2	990	9.0	44340.6	-2112.1	1080	9.2	50159.4	-2107.5	1170	9.5	52040.7	-2135.6
901	10.	42529.5	-2155.1	991	9.3	44411.6	-2123.0	1081	9.5	50216.3	-2158.1	1171	9.4	52049.4	-2126.3
902	8.2	42538.4	-2132.4	992	9.1	44444.6	-2130.8	1082	9.2	50218.5	-2116.0	1172	9.4	52100.0	-2105.0
903	8.9	42540.3	-2143.4	993	9.0	44508.1	-2123.2	1083	9.5	50250.0	-2124.6	1173	8.3	52124.5	-2102.5
904	6.5	42542.0	-2100.6	994	9.8	44554.6	-2154.1	1084	9.0	50250.2	-2157.2	1174	6.1	52126.0	-2130.0
905	9.0	42613.3	-2138.0	995	9.6	44604.3	-2157.9	1085	9.5	50300.4	-2113.5	1175	9.4	52206.0	-2114.1
906	9.8	42636.3	-2118.7	996	9.7	44612.3	-2153.4	1086	9.3	50317.4	-2159.7	1176	8.8	52210.4	-2115.7
907	8.8	42647.7	-2127.7	997	9.1	44614.6	-2158.3	1087	9.8	50345.4	-2115.5	1177	9.0	52221.5	-2148.9
908	8.8	42700.0	-2111.5	998	8.8	44615.3	-2109.9	1088	10.	50401.6	-2128.8	1178	9.7	52225.9	-2143.7
909	9.1	42700.8	-2146.2	999	9.4	44617.5	-2148.1	1089	9.8	50405.5	-2117.5	1179	7.7	52319.1	-2109.7
910	9.0	42701.3	-2126.4	1000	8.8	44621.9	-2149.1	1090	8.7	50408.3	-2157.5	1180	9.5	52407.6	-2100.9
911	8.6	42705.3	-2141.0	1001	9.5	44642.2	-2144.3	1091	9.6	50416.6	-2144.0	1181	8.0	52438.6	-2131.1
912	9.4	42705.7	-2153.2	1002	9.0	44651.8	-2137.1	1092	9.6	50417.2	-2148.0	1182	9.4	52444.2	-2135.0
913	10.	42737.1	-2143.4	1003	7.0	44657.4	-2101.0	1093	9.3	50419.5	-2116.6	1183	8.5	52446.4	-2141.6
914	9.5	42754.3	-2108.2	1004	9.4	44703.3	-2125.7	1094	10.	50452.2	-2150.7	1184	8.9	52449.0	-2114.3
915	8.8	42800.5	-2157.7	1005	8.5	44711.6	-2154.2	1095	9.0	50453.9	-2140.5	1185	8.8	52457.6	-2128.0
916	7.5	42847.2	-2102.7	1006	8.5	44722.2	-2146.9	1096	9.0	50458.5	-2104.9	1186	9.1	52533.5	-2152.4
917	9.8	42900.3	-2114.5	1007	9.8	44729.0	-2116.8	1097	9.4	50518.7	-2128.9	1187	9.9	52534.2	-2133.0
918	8.5	42905.1	-2103.8	1008	9.5	44729.9	-2137.1	1098	9.5	50521.4	-2134.6	1188	9.0	52537.7	-2103.9
919	7.5	42930.0	-2138.1	1009	9.5	44753.8	-2129.3	1099	9.7	50521.8	-2145.4	1189	9.2	52542.5	-2154.2
920	9.3	42935.9	-2157.7	1010	9.7	44815.8	-2158.5	1100	9.4	50527.6	-2120.3	1190	9.9	52548.6	-2103.3
921	8.0	43002.5	-2137.0	1011	9.1	44816.6	-2137.8	1101	9.6	50558.6	-2123.6	1191	8.8	52615.9	-2124.5
922	9.1	43012.7	-2104.3	1012	9.7	44838.2	-2141.6	1102	9.1	50615.1	-2133.5	1192	9.0	52645.7	-2117.7
923	10.	43020.0	-2141.9	1013	8.9	44840.2	-2124.7	1103	9.2	50640.1	-2152.2	1193	8.5	52645.9	-2107.6
924	9.8	43026.6	-2114.8	1014	9.1	44844.0	-2125.7	1104	9.8	50645.7	-2109.3	1194	9.5	52646.4	-2102.9
925	9.2	43028.1	-2122.4	1015	9.6	44903.2	-2144.5	1105	9.4	50646.4	-2125.9	1195	8.9	52646.7	-2151.4
926	9.5	43045.0	-2159.3	1016	9.4	44918.7	-2136.1	1106	9.7	50738.3	-2129.0	1196	9.2	52705.9	-2159.9
927	9.8	43050.4	-2107.6	1017	9.7	44923.1	-2153.4	1107	7.5	50754.8	-2149.4	1197	9.8	52713.8	-2150.2
928	9.8	43108.8	-2159.0	1018	9.2	44923.7	-2134.8	1108	9.0	50758.8	-2149.1	1198	10.	52728.6	-2107.4
929	9.0	43110.9	-2156.5	1019	9.7	45005.1	-2127.2	1109	9.5	50811.7	-2149.7	1199	8.4	52743.3	-2116.4
930	9.5	43122.6	-2137.3	1020	9.3	45017.4	-2156.0	1110	9.6	50815.2	-2102.1	1200	9.0	52758.2	-2137.9
931	9.4	43130.6	-2154.7	1021	9.4	45031.8	-2119.1	1111	9.1	50817.2	-2159.2	1201	9.2	52812.1	-2104.3
932	9.5	43148.8	-2100.9	1022	9.2	45037.4	-2134.3	1112	9.3	50834.2	-2146.3	1202	9.1	52818.6	-2130.0
933	8.8	43155.4	-2108.0	1023	9.1	45040.9	-2133.8	1113	9.8	50837.5	-2104.1	1203	9.7	52829.8	-2147.3
934	9.0	43204.0	-2140.7	1024	9.7	45050.4	-2138.7	1114	9.8	50847.9	-2101.0	1204	9.8	52835.9	-2155.9
935	9.8	43216.5	-2118.5	1025	10.	45059.5	-2127.5	1115	9.8	50856.9	-2125.3	1205	7.5	52847.0	-2109.9
936	8.9	43217.1	-2108.4	1026	9.2	45104.1	-2131.5	1116	9.2	50902.9	-2148.1	1206	9.1	52906.9	-2153.9
937	8.8	43231.5	-2142.4	1027	9.3	45105.2	-2101.3	1117	8.3	50925.1	-2122.2	1207	9.5	52953.2	-2126.8
938	9.2	43257.6	-2135.3	1028	9.4	45107.8	-2120.1	1118	9.7	50929.5	-2141.0	1208	9.6	52957.8	-2102.2
939	9.3	43311.0	-2154.7	1029	10.	45130.1	-2153.7	1119	7.8	51018.5	-2115.9	1209	9.4	53016.3	-2128.3
940	8.9	43320.6	-2131.1	1030	9.5	45144.7	-2155.5	1120	9.8	51033.9	-2156.8	1210	9.8	53020.1	-2117.5

-21 1211 5h30m

-21 1570 6h37m

1211	9.2	53026.7	-2141.1	1301	9.8	54907.6	-2110.0	1391	8.2	60717.4	-2113.8	1481	9.5	62337.8	-2115.1
1212	9.5	53032.9	-2143.4	1302	9.2	54908.2	-2127.6	1392	9.5	60718.9	-2109.5	1482	10.	62344.6	-2157.1
1213	9.0	53139.3	-2142.6	1303	9.8	54943.9	-2158.8	1393	9.5	60721.1	-2107.9	1483	9.0	62347.1	-2125.2
1214	9.2	53202.8	-2123.7	1304	7.0	54944.3	-2142.3	1394	9.7	60723.1	-2155.5	1484	9.7	62350.2	-2156.2
1215	9.4	53204.7	-2109.1	1305	9.0	54948.9	-2124.6	1395	9.8	60739.1	-2146.2	1485	9.5	62352.7	-2101.1
1216	9.0	53212.8	-2120.3	1306	9.2	54955.2	-2102.7	1396	9.5	60819.5	-2127.1	1486	9.8	62430.6	-2124.9
1217	9.6	53213.8	-2146.5	1307	7.0	54959.3	-2108.9	1397	9.8	60844.7	-2118.8	1487	9.5	62441.4	-2119.9
1218	9.4	53228.3	-2120.7	1308	9.5	55002.2	-2105.9	1398	9.4	60850.8	-2104.0	1488	9.6	62446.5	-2120.7
1219	9.2	53249.2	-2116.2	1309	8.3	55005.8	-2130.9	1399	8.6	60901.8	-2105.7	1489	9.7	62456.9	-2147.5
1220	9.5	53329.3	-2114.4	1310	9.2	55005.9	-2128.3	1400	9.0	60910.9	-2114.0	1490	9.7	62501.8	-2159.8
1221	9.0	53330.3	-2141.9	1311	9.1	55012.2	-2140.5	1401	9.3	60917.9	-2135.7	1491	6.8	62519.6	-2118.2
1222	9.5	53341.1	-2122.4	1312	8.8	55043.6	-2148.4	1402	10.	60924.2	-2133.1	1492	8.3	62520.2	-2156.3
1223	9.0	53341.2	-2107.2	1313	8.6	55110.2	-2104.9	1403	10.	60926.4	-2125.0	1493	9.7	62609.7	-2145.3
1224	9.4	53350.3	-2156.7	1314	8.8	55151.8	-2130.1	1404	9.8	60928.4	-2125.0	1494	9.5	62613.6	-2109.1
1225	9.5	53404.0	-2150.8	1315	9.8	55201.5	-2127.9	1405	9.2	60949.7	-2106.8	1495	9.1	62614.9	-2113.5
1226	9.8	53408.4	-2135.8	1316	7.8	55225.5	-2133.7	1406	9.1	60951.3	-2149.2	1496	10.	62637.4	-2112.6
1227	9.1	53415.1	-2103.6	1317	9.5	55309.4	-2123.8	1407	9.9	60956.9	-2114.5	1497	10.	62643.0	-2106.9
1228	9.3	53429.3	-2119.5	1318	10.	55324.9	-2159.1	1408	9.0	61052.3	-2107.5	1498	9.3	62727.7	-2143.7
1229	8.5	53429.7	-2118.5	1319	9.8	55338.9	-2158.4	1409	9.5	61055.0	-2137.2	1499	9.8	62745.9	-2131.0
1230	9.3	53433.3	-2158.0	1320	9.2	55351.4	-2100.5	1410	8.5	61109.3	-2141.6	1500	9.2	62750.7	-2152.5
1231	7.8	53450.8	-2137.2	1321	8.2	55351.7	-2125.4	1411	8.9	61131.7	-2142.3	1501	10.	62752.7	-2131.0
1232	9.5	53513.2	-2115.0	1322	9.8	55412.9	-2115.9	1412	10.	61136.1	-2105.9	1502	7.9	62756.2	-2125.8
1233	9.2	53514.7	-2136.4	1323	8.5	55439.3	-2109.2	1413	9.4	61210.4	-2117.3	1503	9.9	62758.6	-2121.4
1234	9.4	53522.4	-2140.8	1324	8.0	55440.7	-2100.7	1414	10.	61219.3	-2156.4	1504	9.8	62819.5	-2106.5
1235	9.5	53539.3	-2156.2	1325	8.4	55442.7	-2156.9	1415	9.5	61232.8	-2100.2	1505	9.1	62837.2	-2101.4
1236	9.4	53544.4	-2121.2	1326	9.9	55449.5	-2145.5	1416	9.1	61237.5	-2103.1	1506	9.0	62837.6	-2114.3
1237	9.8	53558.8	-2128.0	1327	9.1	55459.4	-2125.4	1417	8.8	61237.7	-2154.7	1507	9.5	62848.7	-2150.0
1238	9.2	53620.4	-2136.7	1328	10.	55506.5	-2156.9	1418	8.1	61250.6	-2158.8	1508	8.7	62850.8	-2152.9
1239	9.1	53620.6	-2127.2	1329	9.4	55519.0	-2120.8	1419	10.	61253.3	-2139.9	1509	8.7	62856.2	-2117.7
1240	9.0	53642.2	-2106.6	1330	8.5	55552.1	-2148.5	1420	9.2	61301.6	-2141.5	1510	9.5	62904.9	-2126.0
1241	9.3	53657.1	-2131.7	1331	9.3	55614.2	-2155.0	1421	9.5	61306.9	-2109.5	1511	9.7	62905.8	-2114.6
1242	9.5	53709.4	-2101.8	1332	9.7	55633.4	-2146.4	1422	9.7	61320.5	-2128.8	1512	9.4	62909.1	-2110.9
1243	9.7	53716.5	-2147.9	1333	9.5	55641.1	-2117.5	1423	9.5	61321.3	-2147.8	1513	9.4	62916.0	-2101.4
1244	6.7	53736.4	-2129.5	1334	9.6	55641.7	-2142.8	1424	9.1	61341.0	-2135.9	1514	6.9	62922.4	-2159.4
1245	7.2	53740.8	-2120.7	1335	9.1	55643.0	-2148.3	1425	9.4	61357.9	-2116.4	1515	10.	62937.3	-2151.0
1246	9.0	53745.9	-2102.2	1336	7.6	55716.4	-2147.2	1426	9.3	61448.5	-2152.0	1516	9.9	62944.4	-2140.0
1247	9.5	53753.7	-2159.0	1337	8.7	55718.2	-2140.4	1427	9.4	61456.8	-2127.3	1517	9.7	62944.8	-2125.1
1248	9.5	53807.0	-2153.0	1338	9.5	55728.1	-2100.0	1428	9.0	61459.9	-2115.0	1518	9.8	63001.0	-2125.4
1249	9.5	53821.2	-2150.7	1339	9.4	55733.6	-2150.3	1429	9.5	61519.1	-2102.8	1519	9.4	63001.4	-2134.8
1250	9.5	53829.0	-2106.2	1340	9.3	55757.2	-2117.1	1430	8.9	61519.2	-2127.0	1520	9.7	63002.4	-2107.1
1251	9.1	53839.8	-2134.4	1341	9.6	55759.0	-2128.5	1431	9.9	61549.2	-2153.1	1521	9.0	63006.0	-2110.5
1252	7.2	53842.4	-2143.1	1342	9.3	55815.7	-2143.3	1432	9.4	61619.8	-2103.4	1522	9.4	63031.2	-2112.3
1253	9.0	53846.5	-2145.5	1343	9.5	55828.6	-2127.9	1433	9.5	61627.0	-2121.9	1523	9.3	63035.1	-2106.3
1254	9.8	53910.7	-2157.2	1344	9.4	55829.7	-2154.5	1434	9.4	61629.3	-2137.2	1524	9.0	63042.1	-2116.2
1255	9.8	53946.6	-2132.5	1345	9.0	55845.8	-2140.9	1435	9.8	61635.0	-2135.4	1525	9.8	63043.7	-2121.8
1256	9.0	54010.0	-2153.8	1346	9.6	55859.0	-2143.3	1436	9.3	61636.8	-2101.7	1526	9.5	63057.4	-2108.8
1257	9.0	54011.3	-2148.5	1347	9.9	55932.8	-2149.6	1437	9.8	61652.2	-2139.6	1527	9.0	63120.8	-2150.2
1258	9.9	54022.2	-2101.3	1348	9.4	55944.0	-2124.4	1438	8.5	61716.4	-2109.6	1528	8.9	63141.0	-2139.1
1259	9.1	54023.9	-2120.9	1349	9.5	55954.4	-2111.7	1439	10.	61738.8	-2145.1	1529	9.2	63147.6	-2115.2
1260	8.0	54028.7	-2104.6	1350	10.	60007.9	-2129.7	1440	9.6	61739.3	-2149.7	1530	9.8	63156.9	-2106.8
1261	8.7	54033.9	-2152.9	1351	10.	60009.8	-2129.7	1441	9.1	61740.5	-2132.0	1531	9.3	63158.2	-2118.6
1262	7.9	54102.8	-2135.9	1352	9.4	60021.5	-2135.7	1442	9.5	61758.5	-2156.5	1532	9.8	63201.1	-2158.9
1263	9.6	54112.4	-2140.8	1353	6.1	60049.3	-2147.9	1443	9.1	61805.4	-2110.5	1533	9.2	63216.0	-2134.8
1264	10.	54126.3	-2125.5	1354	9.1	60050.4	-2113.5	1444	9.2	61818.2	-2154.0	1534	9.0	63223.5	-2143.2
1265	10.	54128.3	-2113.8	1355	9.5	60102.5	-2122.0	1445	9.5	61822.5	-2124.2	1535	9.0	63239.6	-2110.3
1266	10.	54130.5	-2156.0	1356	8.5	60106.2	-2131.0	1446	9.5	61824.4	-2114.6	1536	9.5	63243.8	-2158.7
1267	8.7	54136.7	-2110.1	1357	8.3	60113.4	-2111.1	1447	9.2	61835.2	-2105.0	1537	9.9	63248.6	-2112.8
1268	9.0	54146.2	-2143.9	1358	9.5	60127.3	-2110.4	1448	8.2	61854.4	-2153.1	1538	8.4	63319.0	-2139.5
1269	9.8	54202.0	-2100.4	1359	9.4	60128.0	-2137.6	1449	9.8	61906.7	-2115.5	1539	9.8	63326.7	-2120.5
1270	10.	54204.2	-2145.4	1360	9.8	60149.4	-2130.0	1450	9.8	61914.3	-2124.4	1540	9.0	63329.6	-2112.3
1271	9.1	54210.3	-2152.5	1361	9.4	60209.5	-2118.7	1451	9.1	61925.6	-2115.5	1541	9.4	63334.7	-2126.1
1272	9.5	54257.3	-2153.3	1362	9.2	60217.1	-2156.1	1452	9.5	61935.9	-2111.5	1542	10.	63343.5	-2143.0
1273	9.4	54300.5	-2127.1	1363	9.5	60236.5	-2143.2	1453	9.0	61939.5	-2123.1	1543	8.8	63345.3	-2128.4
1274	9.4	54325.8	-2117.6	1364	9.2	60303.5	-2122.9	1454	9.5	61950.9	-2113.8	1544	10.	63347.5	-2141.9
1275	9.1	54325.9	-2143.4	1365	9.1	60308.7	-2143.0	1455	8.5	61951.3	-2128.0	1545	9.5	63353.1	-2108.9
1276	9.0	54343.9	-2140.4	1366	9.2	60322.4	-2112.4	1456	9.7	61953.3	-2131.5	1546	9.5	63403.6	-2152.5
1277	9.0	54352.3	-2126.8	1367	9.6	60329.3	-2143.7	1457	9.4	61956.9	-2134.2	1547	7.5	63414.1	-2115.7
1278	9.7	54412.4	-2156.4	1368	9.8	60330.8	-2153.8	1458	10.	62004.0	-2142.0	1548	10.	63427.5	-2152.0
1279	9.7	54425.8	-2118.7	1369	8.9	60333.2	-2159.7	1459	9.9	62005.4	-2146.9	1549	9.8	63444.9	-2102.3
1280	9.0	54429.0	-2154.0	1370	10.	60340.5	-2129.0	1460	9.2	62012.5	-2149.5	1550	9.3	63450.8	-2100.2
1281	9.7	54451.9	-2144.0	1371	9.1	60343.2	-2110.8	1461	9.4	62019.4	-2116.2	1551	9.4	63452.7	-2112.0
1282	9.7	54502.0	-2143.1	1372	9.6	60346.2	-2113.0	1462	9.2	62040.4	-2150.3	1552	9.6	63459.8	-2131.9
1283	9.4	54511.5	-2138.0	1373	9.5	60402.9	-2108.8	1463	8.0	62059.0	-2128.2	1553	9.0	63508.9	-2104.2
1284	8.4	54528.0	-2139.8	1374	10.	60408.8	-2126.2	1464	9.5	62101.0	-2108.5	1554	8.8	63516.7	-2137.0
1285	9.5	54533.8	-2114.7	1375	9.8	60419.2	-2157.2	1465	9.2	62107.5	-2127.0	1555	9.2	63519.4	-2140.7
1286	9.5	54600.7	-2103.2	1376	9.3	60419.3	-2124.5	1466	9.2	62115.5	-2123.2	1556	7.8	63519.9	-2158.1
1287	8.3	54607.2	-2154.0	1377	8.7	60428.3	-2148.9	1467	9.7	62119.8	-2150.8	1557	9.5	63554.4	-2150.2
1288	9.5	54612.8	-2107.5	1378	9.7	60428.4	-2144.5	1468	9.7	62121.0	-2155.1	1558	9.4	63557.5	-2109.1
1289	9.0	54615.1	-2133.9	1379	9.7	60429.9	-2101.1	1469	10.	62148.3	-2109.7	1559	9.8	63614.2	-2106.4
1290	9.0	54625.6	-2142.2	1380	9.8	60447.4	-2100.6	1470	8.2	62153.4	-2142.2	1560	9.1	63617.5	-2104.0
1291	9.7	54629.2	-2143.0	1381	9.4	60500.2	-2135.0	1471	9.4	62155.8	-2105.6	1561	9.8	63623.4	-2138.2
1292	9.5	54653.4	-2119.6	1382	9.6	60519.5	-2148.2	1472	9.4	62159.4	-2107.8	1562	9.7	63637.3	-2137.1
1293	9.3	54656.4	-2132.5	1383	8.8	60526.5	-2126.4	1473	8.0	62204.5	-2155.0	1563	9.4	63637.4	-2147.2
1294	8.9	54707.4	-2150.6	1384	9.1	60528.2	-2112.5	1474	9.8	62214.7	-2155.3	1564	10.	63658.1	-2124.5
1295	9.7	54804.0	-2147.4	1385	9.3	60556.9	-2159.5	1475	9.1	62243.9	-2122.9	1565	7.4	63705.5	-2143.4
1296	9.7	54817.4	-2136.2	1386	8.9	60623.2	-2128.2	1476	9.5	62246.3	-2143.4	1566	8.1	63709.4	-2135.6
1297	9.6	54833.0	-2146.8	1387	9.4	60633.4	-2143.5	1477	9.8	62250.8	-2107.0	1567	9.5	63711.6	-2143.9
1298	8.5	54833.5	-2118.4	1388	9.5	60641.0	-2106.4	1478	10.	62325.3	-2114.5	1568	9.5	63734.3	-2128.4
1299	10.	54849.6	-2155.5	1389	9.5	60642.0	-2159.9	1479	9.0	62329.0	-2137.8	1569	10.	63738.8	-2143.0
1300	9.5	54906.5	-2127.6	1390	9.8	60713.6	-2159.7	1480	9.8	62334.9	-2118.3	1570	9.5	63740.6	-2126.8

-21 1571 6h37m

-21 1930 7h19m

1571	9.5	63752.9	-2101.6	1661	9.5	65028.3	-2107.9	1751	9.3	70027.1	-2113.0	1841	9.3	70944.6	-2140.0
1572	9.0	63816.5	-2108.6	1662	9.5	65033.7	-2104.5	1752	9.0	70028.0	-2144.1	1842	10.	70953.0	-2110.2
1573	9.1	63822.3	-2104.7	1663	9.7	65045.1	-2131.7	1753	9.7	70030.0	-2159.8	1843	9.8	70954.4	-2122.3
1574	9.0	63823.5	-2107.9	1664	9.7	65046.2	-2121.8	1754	9.0	70032.5	-2114.1	1844	9.0	71003.5	-2110.2
1575	9.7	63834.2	-2158.5	1665	9.2	65052.8	-2101.9	1755	8.7	70034.5	-2120.2	1845	9.1	71003.6	-2152.9
1576	9.4	63836.0	-2112.4	1666	9.5	65059.0	-2147.0	1756	10.	70038.9	-2157.5	1846	9.8	71011.7	-2145.6
1577	10.	63845.6	-2156.7	1667	9.8	65100.9	-2110.4	1757	9.5	70044.0	-2132.3	1847	9.2	71021.7	-2135.7
1578	9.4	63846.6	-2133.5	1668	9.6	65105.1	-2100.4	1758	9.5	70051.2	-2157.1	1848	9.4	71026.2	-2140.3
1579	9.3	63942.4	-2134.0	1669	9.7	65107.7	-2100.0	1759	9.2	70055.7	-2128.9	1849	9.5	71036.8	-2114.6
1580	9.4	63945.0	-2142.8	1670	9.3	65110.1	-2133.6	1760	9.3	70102.3	-2155.6	1850	9.7	71043.3	-2156.9
1581	9.5	63948.1	-2120.4	1671	9.5	65110.4	-2145.8	1761	9.1	70103.2	-2158.7	1851	9.8	71109.2	-2153.9
1582	9.3	63951.4	-2151.7	1672	9.4	65112.8	-2133.8	1762	9.4	70109.9	-2132.3	1852	9.5	71116.5	-2130.0
1583	9.1	63954.9	-2144.1	1673	9.9	65116.8	-2150.1	1763	9.3	70111.4	-2101.7	1853	9.5	71117.4	-2105.8
1584	10.	64009.8	-2158.5	1674	9.7	65132.8	-2108.0	1764	9.8	70113.2	-2133.6	1854	8.9	71118.7	-2110.8
1585	9.3	64033.8	-2135.8	1675	9.1	65141.6	-2144.5	1765	9.4	70132.6	-2150.8	1855	8.7	71127.9	-2125.8
1586	9.5	64036.9	-2106.2	1676	9.7	65144.1	-2108.9	1766	9.8	70149.8	-2114.9	1856	8.2	71145.6	-2105.6
1587	9.8	64056.6	-2153.1	1677	9.5	65144.7	-2146.6	1767	8.7	70154.7	-2107.1	1857	8.8	71152.6	-2158.6
1588	9.3	64057.2	-2113.4	1678	9.3	65148.6	-2111.9	1768	8.8	70158.7	-2102.2	1858	10.	71155.2	-2152.6
1589	9.3	64057.7	-2130.9	1679	9.0	65151.5	-2120.4	1769	9.1	70210.1	-2116.2	1859	9.4	71200.1	-2148.5
1590	9.1	64059.9	-2130.7	1680	8.7	65157.9	-2140.6	1770	8.5	70213.0	-2146.0	1860	9.5	71204.2	-2150.2
1591	9.3	64121.5	-2120.1	1681	9.7	65201.7	-2132.9	1771	9.8	70231.8	-2150.9	1861	9.8	71219.0	-2159.8
1592	9.7	64128.8	-2144.1	1682	9.7	65204.8	-2132.6	1772	9.7	70243.0	-2124.3	1862	9.8	71221.6	-2118.8
1593	9.2	64140.2	-2155.6	1683	9.2	65216.5	-2151.0	1773	9.5	70244.2	-2158.6	1863	9.8	71222.7	-2108.5
1594	9.3	64143.6	-2121.4	1684	10.	65258.7	-2129.9	1774	9.5	70248.4	-2102.5	1864	9.5	71240.2	-2140.2
1595	9.3	64145.0	-2118.9	1685	9.0	65303.1	-2111.2	1775	9.5	70251.1	-2149.5	1865	9.8	71245.6	-2104.5
1596	9.4	64147.5	-2110.4	1686	9.0	65303.3	-2123.5	1776	9.7	70256.6	-2143.1	1866	9.6	71247.5	-2118.5
1597	9.1	64151.9	-2123.7	1687	9.5	65306.9	-2111.6	1777	10.	70257.6	-2152.7	1867	9.0	71254.1	-2118.6
1598	8.3	64206.4	-2145.0	1688	9.8	65324.6	-2143.3	1778	9.5	70303.3	-2128.0	1868	9.4	71255.0	-2100.6
1599	9.4	64208.0	-2126.1	1689	6.7	65328.0	-2124.2	1779	9.8	70311.5	-2113.3	1869	9.1	71256.8	-2111.6
1600	9.8	64213.4	-2106.9	1690	9.5	65343.2	-2104.5	1780	9.7	70317.8	-2110.0	1870	9.8	71300.1	-2141.2
1601	9.2	64238.2	-2146.8	1691	9.5	65344.1	-2108.3	1781	8.8	70322.3	-2114.5	1871	7.3	71308.2	-2146.8
1602	9.7	64242.7	-2144.5	1692	9.8	65345.7	-2147.4	1782	9.3	70336.3	-2153.9	1872	9.8	71311.3	-2112.6
1603	9.6	64244.7	-2141.1	1693	9.2	65353.6	-2136.6	1783	9.3	70348.8	-2157.5	1873	9.5	71313.8	-2124.2
1604	9.5	64256.4	-2131.8	1694	9.3	65357.8	-2104.3	1784	9.3	70412.0	-2150.3	1874	8.7	71317.2	-2144.1
1605	9.7	64305.9	-2133.9	1695	6.7	65409.4	-2155.1	1785	9.4	70422.4	-2116.0	1875	9.7	71323.1	-2136.0
1606	9.8	64309.6	-2131.2	1696	9.7	65410.5	-2152.6	1786	9.8	70434.4	-2119.8	1876	9.5	71323.5	-2129.9
1607	9.2	64311.5	-2152.2	1697	9.8	65422.6	-2130.5	1787	9.6	70435.5	-2159.8	1877	9.4	71326.0	-2134.0
1608	9.7	64322.8	-2151.2	1698	9.4	65429.1	-2129.1	1788	8.7	70451.7	-2110.0	1878	9.3	71332.7	-2109.9
1609	8.4	64323.3	-2101.0	1699	9.8	65431.6	-2108.2	1789	9.2	70459.0	-2153.4	1879	9.8	71347.1	-2109.2
1610	9.5	64353.8	-2105.0	1700	10.	65438.3	-2101.3	1790	9.2	70508.4	-2134.1	1880	9.0	71353.0	-2136.8
1611	9.7	64359.0	-2143.0	1701	8.1	65454.2	-2145.6	1791	7.1	70509.0	-2134.0	1881	9.5	71354.6	-2138.7
1612	9.7	64359.6	-2145.0	1702	9.0	65502.7	-2106.0	1792	9.1	70511.0	-2116.3	1882	9.8	71357.5	-2137.5
1613	9.7	64401.0	-2143.2	1703	9.6	65519.8	-2132.4	1793	9.8	70515.7	-2120.0	1883	9.4	71403.8	-2129.2
1614	9.5	64426.5	-2111.7	1704	9.8	65546.6	-2142.7	1794	9.2	70520.8	-2127.5	1884	7.4	71411.3	-2149.1
1615	9.5	64428.4	-2131.2	1705	9.8	65546.8	-2137.7	1795	9.8	70526.6	-2154.2	1885	9.7	71413.0	-2142.5
1616	9.5	64433.0	-2155.4	1706	8.4	65547.3	-2109.1	1796	9.5	70533.0	-2107.9	1886	9.5	71429.8	-2117.6
1617	9.1	64448.0	-2144.3	1707	10.	65550.6	-2147.0	1797	9.8	70534.1	-2158.9	1887	9.4	71436.1	-2151.2
1618	9.8	64455.1	-2123.8	1708	10.	65602.9	-2116.8	1798	9.7	70541.5	-2108.3	1888	8.4	71438.7	-2118.1
1619	9.4	64458.8	-2135.4	1709	9.7	65603.0	-2156.7	1799	9.5	70542.2	-2138.9	1889	9.7	71439.2	-2152.6
1620	9.8	64520.2	-2115.2	1710	8.6	65612.9	-2131.6	1800	9.5	70544.8	-2131.2	1890	9.7	71440.6	-2100.7
1621	9.0	64521.7	-2146.5	1711	9.1	65613.3	-2137.4	1801	8.7	70558.9	-2102.2	1891	10.	71443.0	-2115.4
1622	9.9	64535.1	-2156.0	1712	9.4	65614.7	-2146.8	1802	8.6	70605.4	-2155.4	1892	9.5	71456.4	-2124.3
1623	9.2	64545.5	-2116.8	1713	8.2	65629.3	-2149.2	1803	9.4	70618.1	-2157.2	1893	9.6	71501.4	-2125.9
1624	9.5	64548.9	-2142.7	1714	9.1	65630.0	-2116.7	1804	9.2	70619.9	-2149.4	1894	9.8	71506.1	-2142.0
1625	9.8	64555.2	-2147.1	1715	9.8	65633.7	-2100.8	1805	8.6	70622.0	-2130.6	1895	9.8	71510.7	-2118.2
1626	9.9	64608.4	-2108.9	1716	9.2	65636.2	-2102.7	1806	9.5	70639.7	-2107.4	1896	9.7	71522.4	-2127.7
1627	10.	64612.5	-2154.5	1717	9.8	65652.0	-2154.4	1807	9.1	70640.1	-2134.5	1897	9.8	71523.0	-2104.9
1628	9.5	64620.9	-2135.7	1718	8.7	65657.3	-2113.8	1808	9.2	70655.4	-2155.5	1898	9.3	71610.4	-2151.1
1629	9.4	64621.1	-2146.2	1719	9.5	65702.1	-2100.4	1809	9.5	70656.0	-2148.2	1899	9.4	71614.3	-2127.4
1630	7.8	64628.0	-2100.6	1720	9.8	65722.4	-2135.7	1810	9.5	70656.8	-2130.1	1900	9.2	71620.9	-2100.5
1631	9.7	64636.0	-2123.9	1721	8.2	65726.5	-2142.5	1811	9.5	70700.7	-2149.6	1901	9.4	71623.9	-2100.9
1632	9.5	64643.4	-2111.2	1722	9.5	65730.4	-2130.9	1812	9.1	70705.5	-2154.8	1902	9.2	71625.5	-2135.7
1633	8.5	64648.2	-2139.7	1723	9.5	65735.3	-2129.3	1813	9.4	70706.0	-2143.3	1903	9.5	71631.6	-2105.0
1634	9.5	64652.8	-2106.7	1724	9.3	65735.5	-2125.8	1814	9.1	70706.2	-2141.5	1904	9.8	71635.6	-2143.0
1635	9.8	64712.5	-2129.3	1725	9.3	65746.9	-2137.5	1815	9.8	70707.6	-2125.9	1905	8.0	71635.9	-2112.6
1636	8.6	64719.2	-2152.8	1726	8.8	65749.7	-2133.7	1816	8.5	70710.6	-2128.0	1906	9.8	71640.0	-2141.0
1637	9.6	64730.9	-2127.4	1727	7.5	65758.8	-2103.5	1817	9.5	70712.7	-2123.0	1907	9.1	71640.7	-2116.0
1638	9.2	64730.9	-2157.0	1728	8.2	65800.8	-2113.3	1818	9.0	70719.6	-2106.5	1908	9.4	71702.8	-2123.5
1639	9.8	64732.0	-2118.5	1729	9.5	65805.0	-2150.2	1819	8.7	70728.9	-2112.7	1909	9.2	71705.9	-2107.0
1640	8.0	64739.9	-2142.4	1730	9.1	65806.8	-2115.4	1820	9.5	70747.3	-2154.0	1910	9.8	71708.8	-2127.5
1641	9.0	64756.5	-2119.0	1731	9.7	65816.7	-2132.2	1821	9.8	70751.6	-2147.2	1911	10.	71709.7	-2136.9
1642	9.4	64800.0	-2124.9	1732	6.3	65836.6	-2149.0	1822	9.7	70752.4	-2124.7	1912	8.2	71711.6	-2113.8
1643	9.8	64816.2	-2103.4	1733	9.4	65837.6	-2154.5	1823	9.2	70752.9	-2143.9	1913	9.3	71724.6	-2107.5
1644	9.8	64826.9	-2150.4	1734	9.5	65840.6	-2130.7	1824	9.5	70753.2	-2155.5	1914	9.5	71728.3	-2108.8
1645	8.7	64835.1	-2141.4	1735	9.5	65846.4	-2144.1	1825	9.1	70812.7	-2143.4	1915	9.8	71740.1	-2111.1
1646	9.5	64838.1	-2127.7	1736	9.5	65849.9	-2152.2	1826	9.5	70815.7	-2134.1	1916	9.3	71744.1	-2152.3
1647	9.5	64843.0	-2120.8	1737	9.0	65850.9	-2123.6	1827	9.0	70821.1	-2149.6	1917	9.5	71750.0	-2124.0
1648	9.2	64844.5	-2159.6	1738	7.3	65853.9	-2113.9	1828	9.3	70825.6	-2104.7	1918	8.7	71755.5	-2119.5
1649	9.8	64845.7	-2115.1	1739	9.8	65857.4	-2120.8	1829	9.8	70828.8	-2152.2	1919	9.2	71755.8	-2134.3
1650	8.7	64901.4	-2141.6	1740	9.9	65904.8	-2152.7	1830	9.8	70845.2	-2141.1	1920	9.3	71803.9	-2112.2
1651	9.8	64904.9	-2111.4	1741	9.5	65924.6	-2104.6	1831	7.8	70848.1	-2138.0	1921	9.7	71834.4	-2152.3
1652	9.5	64906.5	-2104.7	1742	9.8	65934.7	-2101.4	1832	9.5	70851.2	-2141.1	1922	9.7	71837.0	-2102.3
1653	9.8	64907.8	-2139.9	1743	9.5	65935.8	-2144.2	1833	10.	70854.8	-2100.3	1923	9.2	71845.7	-2111.6
1654	9.8	64911.0	-2119.6	1744	9.8	65939.3	-2115.5	1834	9.1	70901.9	-2134.3	1924	9.6	71905.2	-2110.1
1655	7.2	64923.5	-2151.1	1745	9.5	65947.7	-2156.8	1835	8.7	70907.2	-2143.1	1925	7.0	71907.1	-2141.5
1656	9.4	64938.8	-2132.4	1746	9.3	65953.9	-2119.6	1836	9.8	70924.5	-2108.9	1926	10.	71907.1	-2132.3
1657	9.8	64946.3	-2105.0	1747	9.8	70003.9	-2156.8	1837	10.	70933.6	-2153.4	1927	9.6	71914.0	-2157.4
1658	9.0	64952.5	-2119.2	1748	9.7	70007.4	-2145.2	1838	8.7	70938.2	-2122.7	1928	9.0	71917.0	-2137.0
1659	9.3	65008.1	-2131.0	1749	8.2	70023.7	-2148.1	1839	9.4	70938.2	-2141.8	1929	9.7	71919.1	-2102.2
1660	9.8	65017.9	-2110.4	1750	9.1	70026.7	-2154.2	1840	8.2	70942.8	-2101.8	1930	9.8	71924.4	-2116.1

1931	9.7	71936.7	-2158.4	2021	9.5	72911.5	-2116.3	2111	9.1	73944.7	-2124.2	2201	9.7	75247.2	-2138.4
1932	9.7	71948.7	-2128.2	2022	9.7	72917.7	-2127.9	2112	10.	74000.7	-2151.1	2202	9.8	75247.5	-2134.6
1933	9.7	71950.0	-2132.9	2023	9.8	72918.3	-2143.8	2113	9.8	74002.0	-2104.2	2203	8.0	75252.8	-2142.2
1934	9.7	71951.1	-2145.3	2024	8.7	72918.3	-2121.5	2114	9.0	74002.9	-2114.3	2204	9.3	75311.3	-2141.1
1935	9.6	71953.3	-2149.3	2025	9.8	72924.4	-2114.9	2115	8.0	74009.6	-2111.4	2205	8.8	75313.3	-2133.8
1936	9.0	71956.7	-2155.6	2026	8.7	72925.9	-2109.6	2116	9.1	74013.0	-2139.2	2206	9.1	75314.2	-2131.6
1937	9.2	72006.0	-2141.3	2027	9.3	72935.2	-2140.7	2117	9.0	74021.5	-2106.2	2207	9.8	75318.0	-2152.0
1938	9.5	72009.7	-2116.8	2028	9.5	72937.6	-2124.2	2118	9.4	74027.6	-2111.9	2208	9.0	75319.0	-2129.7
1939	9.0	72022.5	-2142.6	2029	8.1	72949.0	-2158.4	2119	9.9	74109.5	-2117.8	2209	9.5	75335.3	-2116.7
1940	9.5	72029.0	-2151.2	2030	6.7	72953.9	-2150.4	2120	9.8	74133.7	-2139.0	2210	8.1	75337.8	-2152.9
1941	8.9	72032.0	-2155.7	2031	9.8	72956.6	-2123.7	2121	9.8	74175.1	-2120.6	2211	9.3	75347.2	-2112.8
1942	9.3	72047.4	-2119.2	2032	8.0	72958.0	-2135.8	2122	9.5	74137.4	-2107.4	2212	10.	75347.8	-2139.4
1943	9.1	72047.7	-2131.6	2033	10.	73013.7	-2139.4	2123	9.7	74139.8	-2152.8	2213	9.3	75349.3	-2129.7
1944	9.7	72048.2	-2101.7	2034	9.5	73017.4	-2152.9	2124	9.0	74140.1	-2100.1	2214	9.8	75353.4	-2148.5
1945	9.3	72111.7	-2120.7	2035	10.	73018.1	-2102.3	2125	8.5	74150.1	-2159.2	2215	9.4	75401.5	-2130.3
1946	10.	72115.2	-2129.6	2036	10.	73023.9	-2106.4	2126	9.5	74152.4	-2106.0	2216	9.5	75422.2	-2107.5
1947	9.8	72117.1	-2100.7	2037	10.	73040.4	-2148.5	2127	9.1	74155.0	-2124.6	2217	9.3	75441.4	-2158.5
1948	9.5	72122.3	-2153.4	2038	9.6	73043.5	-2151.7	2128	9.9	74155.2	-2154.7	2218	10.	75443.9	-2115.1
1949	9.0	72139.8	-2135.3	2039	7.0	73044.5	-2104.3	2129	9.4	74216.4	-2102.4	2219	9.8	75444.3	-2119.6
1950	9.8	72140.6	-2152.1	2040	9.3	73055.7	-2129.1	2130	7.5	74219.5	-2138.9	2220	7.7	75501.8	-2156.2
1951	9.8	72147.4	-2144.4	2041	9.0	73059.6	-2118.9	2131	9.5	74241.0	-2115.9	2221	8.4	75504.9	-2156.0
1952	9.8	72148.2	-2141.3	2042	9.5	73122.1	-2125.2	2132	9.5	74249.2	-2129.2	2222	9.5	75513.8	-2145.7
1953	10.	72155.4	-2104.4	2043	9.4	73130.9	-2106.8	2133	9.1	74302.9	-2151.9	2223	9.0	75524.7	-2114.3
1954	9.5	72159.7	-2107.7	2044	9.4	73138.4	-2147.8	2134	9.5	74306.0	-2116.1	2224	9.2	75529.7	-2101.1
1955	8.7	72223.4	-2140.0	2045	10.	73148.7	-2148.7	2135	9.5	74325.1	-2144.9	2225	10.	75538.3	-2107.4
1956	7.8	72227.1	-2130.5	2046	9.5	73151.9	-2106.8	2136	9.2	74333.7	-2126.4	2226	9.2	75538.5	-2121.6
1957	9.0	72249.2	-2105.6	2047	9.4	73154.1	-2134.3	2137	9.7	74336.8	-2134.4	2227	9.8	75542.5	-2101.8
1958	9.5	72250.0	-2111.2	2048	9.5	73154.2	-2117.0	2138	9.5	74342.1	-2103.5	2228	9.5	75546.5	-2159.4
1959	8.8	72257.0	-2132.0	2049	9.8	73159.9	-2144.0	2139	9.7	74349.8	-2103.1	2229	9.5	75554.7	-2143.1
1960	8.2	72309.4	-2134.3	2050	9.1	73203.2	-2140.2	2140	9.5	74359.4	-2107.5	2230	9.1	75602.0	-2144.9
1961	9.4	72312.7	-2125.5	2051	8.9	73207.9	-2155.3	2141	10.	74401.2	-2155.8	2231	9.2	75602.1	-2117.2
1962	8.4	72314.8	-2133.3	2052	8.5	73210.5	-2130.0	2142	9.5	74401.3	-2117.5	2232	9.3	75609.2	-2132.1
1963	9.8	72315.1	-2153.4	2053	9.4	73215.8	-2150.1	2143	9.8	74411.3	-2104.2	2233	8.9	75610.0	-2148.4
1964	9.4	72317.2	-2125.8	2054	9.8	73216.2	-2131.6	2144	9.4	74421.8	-2134.4	2234	9.4	75612.1	-2125.7
1965	8.9	72318.6	-2153.4	2055	9.2	73223.1	-2132.6	2145	7.7	74428.0	-2141.4	2235	8.1	75618.4	-2151.8
1966	10.	72319.7	-2146.8	2056	9.5	73231.0	-2120.8	2146	10.	74443.0	-2117.4	2236	9.5	75627.9	-2100.9
1967	9.7	72320.1	-2109.7	2057	9.4	73233.9	-2133.9	2147	10.	74459.7	-2156.7	2237	9.5	75630.6	-2137.1
1968	9.5	72333.0	-2154.2	2058	9.5	73235.4	-2110.6	2148	9.2	74502.4	-2108.9	2238	9.5	75648.1	-2130.0
1969	9.5	72334.6	-2115.6	2059	9.0	73242.0	-2101.0	2149	9.7	74527.3	-2152.2	2239	8.8	75653.5	-2136.4
1970	10.	72342.3	-2105.0	2060	9.8	73312.2	-2133.8	2150	9.1	74536.5	-2120.7	2240	9.8	75706.2	-2119.2
1971	9.8	72349.8	-2108.5	2061	9.8	73324.3	-2147.8	2151	9.4	74543.5	-2120.4	2241	9.5	75709.4	-2130.6
1972	9.5	72353.7	-2121.9	2062	10.	73324.9	-2152.2	2152	9.4	74548.2	-2146.6	2242	9.5	75712.4	-2130.4
1973	9.3	72413.1	-2114.9	2063	9.4	73329.2	-2112.9	2153	9.1	74555.3	-2126.6	2243	9.3	75717.3	-2148.6
1974	8.7	72415.8	-2116.2	2064	8.2	73335.6	-2151.6	2154	10.	74609.1	-2125.8	2244	9.4	75719.5	-2120.0
1975	9.8	72418.7	-2158.6	2065	9.5	73357.9	-2127.5	2155	8.7	74613.3	-2137.5	2245	7.6	75746.7	-2124.3
1976	9.8	72421.5	-2107.6	2066	9.5	73359.6	-2109.1	2156	8.7	74620.8	-2102.2	2246	9.4	75756.8	-2136.9
1977	8.9	72423.1	-2117.9	2067	9.8	73403.2	-2137.4	2157	10.	74626.4	-2148.5	2247	9.2	75757.0	-2139.8
1978	9.5	72424.8	-2130.9	2068	9.7	73406.7	-2138.3	2158	9.5	74627.2	-2150.3	2248	8.2	75800.4	-2100.1
1979	8.2	72430.6	-2130.5	2069	7.3	73411.2	-2142.6	2159	7.7	74629.6	-2151.4	2249	9.7	75801.3	-2152.9
1980	9.5	72445.0	-2112.8	2070	9.3	73412.2	-2136.7	2160	9.4	74636.4	-2102.8	2250	9.5	75810.3	-2149.0
1981	9.1	72446.7	-2157.2	2071	9.3	73419.9	-2148.6	2161	9.3	74647.6	-2159.5	2251	9.3	75845.0	-2159.2
1982	9.1	72446.8	-2118.7	2072	8.7	73426.5	-2136.3	2162	9.0	74700.5	-2151.8	2252	9.0	75906.1	-2113.8
1983	9.5	72451.2	-2121.3	2073	9.4	73437.7	-2134.6	2163	9.7	74723.2	-2155.1	2253	9.8	75906.3	-2129.2
1984	9.0	72457.7	-2135.1	2074	9.5	73452.7	-2118.7	2164	8.4	74727.1	-2132.7	2254	10.	75911.9	-2158.0
1985	9.2	72507.1	-2120.5	2075	9.3	73457.6	-2109.8	2165	9.5	74734.2	-2133.0	2255	8.5	75926.4	-2127.8
1986	8.7	72513.2	-2126.4	2076	9.5	73501.2	-2131.5	2166	8.9	74744.4	-2139.3	2256	9.8	75936.9	-2100.0
1987	9.4	72514.6	-2130.8	2077	6.8	73509.9	-2159.7	2167	9.5	74745.7	-2124.5	2257	9.8	75941.2	-2144.3
1988	8.3	72530.8	-2140.7	2078	9.8	73522.7	-2121.7	2168	9.8	74803.9	-2121.1	2258	9.0	75942.1	-2128.8
1989	9.1	72532.3	-2150.0	2079	8.6	73528.4	-2101.9	2169	9.5	74804.9	-2156.9	2259	9.8	75942.5	-2119.2
1990	9.2	72536.7	-2111.6	2080	10.	73538.1	-2110.7	2170	9.0	74807.3	-2137.8	2260	9.5	75943.7	-2116.3
1991	9.2	72540.6	-2154.2	2081	9.5	73541.9	-2131.1	2171	9.5	74807.8	-2133.4	2261	9.3	80006.9	-2154.5
1992	9.8	72542.2	-2127.4	2082	9.1	73546.1	-2104.9	2172	9.3	74814.6	-2131.8	2262	8.2	80007.5	-2148.8
1993	9.3	72548.8	-2107.2	2083	9.6	73549.0	-2132.4	2173	9.8	74844.5	-2100.6	2263	8.7	80007.8	-2137.2
1994	9.8	72559.1	-2143.7	2084	9.5	73551.5	-2154.0	2174	9.3	74900.9	-2141.3	2264	9.1	80010.3	-2136.0
1995	10.	72600.1	-2157.4	2085	9.4	73558.7	-2152.9	2175	9.5	74902.9	-2126.2	2265	9.8	80013.0	-2154.4
1996	10.	72606.6	-2102.1	2086	8.5	73611.3	-2135.7	2176	8.5	74906.3	-2138.6	2266	9.0	80019.9	-2157.3
1997	8.5	72622.7	-2137.1	2087	9.8	73621.7	-2125.5	2177	9.1	74919.2	-2120.2	2267	9.1	80024.6	-2115.5
1998	9.6	72626.8	-2127.2	2088	9.3	73629.2	-2149.8	2178	9.1	74921.0	-2133.9	2268	8.2	80028.1	-2113.2
1999	9.8	72630.6	-2124.7	2089	10.	73630.4	-2102.2	2179	9.4	74930.9	-2121.2	2269	9.8	80033.2	-2110.7
2000	8.5	72644.7	-2158.4	2090	9.0	73639.7	-2124.7	2180	9.3	74936.2	-2158.8	2270	9.0	80048.0	-2115.8
2001	9.0	72659.2	-2137.3	2091	7.3	73640.8	-2138.6	2181	9.4	74936.8	-2101.7	2271	10.	80051.3	-2149.1
2002	8.7	72703.6	-2158.7	2092	9.3	73644.0	-2152.3	2182	9.5	74940.9	-2123.1	2272	9.5	80053.2	-2156.9
2003	9.3	72705.1	-2110.6	2093	7.8	73705.1	-2157.7	2183	9.3	74946.3	-2134.8	2273	9.5	80056.8	-2113.6
2004	9.0	72715.3	-2119.7	2094	8.5	73710.9	-2147.0	2184	9.5	74948.2	-2106.9	2274	9.5	80056.9	-2121.2
2005	9.8	72728.0	-2115.0	2095	9.4	73717.8	-2116.3	2185	9.3	74958.4	-2122.3	2275	9.3	80057.1	-2100.1
2006	10.	72728.8	-2111.0	2096	8.2	73728.6	-2149.2	2186	9.8	75000.3	-2150.8	2276	8.7	80057.6	-2138.0
2007	5.4	72750.2	-2159.0	2097	9.6	73737.1	-2142.2	2187	9.5	75007.9	-2122.5	2277	9.2	80101.0	-2137.4
2008	9.6	72801.0	-2104.4	2098	9.4	73748.0	-2101.1	2188	9.5	75008.1	-2100.4	2278	9.1	80102.4	-2100.6
2009	10.	72809.0	-2151.8	2099	10.	73749.0	-2154.6	2189	9.8	75030.7	-2129.0	2279	9.5	80113.6	-2124.3
2010	9.8	72814.6	-2103.0	2100	9.2	73753.0	-2101.3	2190	9.6	75041.1	-2101.0	2280	9.3	80121.6	-2121.8
2011	9.5	72816.6	-2133.0	2101	9.8	73756.1	-2158.5	2191	9.8	75122.5	-2151.4	2281	9.3	80127.4	-2104.0
2012	9.5	72826.9	-2147.8	2102	9.3	73805.2	-2124.1	2192	9.1	75132.8	-2121.0	2282	9.4	80129.5	-2138.2
2013	9.8	72828.6	-2144.7	2103	9.0	73807.2	-2128.4	2193	9.3	75144.7	-2101.5	2283	9.5	80142.4	-2154.9
2014	9.3	72829.3	-2156.4	2104	9.8	73812.5	-2109.3	2194	9.2	75147.9	-2141.1	2284	7.7	80151.6	-2143.0
2015	9.8	72842.6	-2121.5	2105	9.8	73845.4	-2114.5	2195	9.2	75148.7	-2142.0	2285	9.5	80157.6	-2123.7
2016	9.4	72845.3	-2153.8	2106	9.2	73849.9	-2106.7	2196	9.2	75204.4	-2100.6	2286	9.3	80205.4	-2105.9
2017	9.8	72846.4	-2106.6	2107	8.2	73857.7	-2152.6	2197	8.5	75214.7	-2105.7	2287	9.4	80207.4	-2102.8
2018	9.4	72901.0	-2153.7	2108	8.9	73910.5	-2158.3	2198	9.6	75220.1	-2141.7	2288	9.0	80212.5	-2158.9
2019	9.8	72902.5	-2129.0	2109	9.4	73918.6	-2112.6	2199	9.8	75237.7	-2135.0	2289	9.5	80224.6	-2101.4
2020	10.	72910.4	-2142.6	2110	9.1	73936.1	-2144.5	2200	9.3	75245.3	-2100.2	2290	8.2	80231.1	-2116.6

2291	9.8	80251.3	-2155.5	2381	9.1	81314.7	-2148.1	2471	8.9	82540.0	-2106.0	2561	9.1	83643.1	-2118.1
2292	9.3	80252.1	-2119.0	2382	9.7	81327.5	-2152.4	2472	9.6	82550.3	-2149.2	2562	8.3	83649.3	-2128.7
2293	7.5	80254.7	-2109.0	2383	9.8	81329.1	-2119.5	2473	9.8	82556.9	-2133.9	2563	10.	83703.5	-2146.1
2294	9.1	80308.6	-2116.1	2384	9.7	81355.9	-2125.1	2474	9.2	82631.5	-2151.6	2564	9.9	83704.6	-2138.6
2295	9.3	80313.0	-2109.9	2385	9.4	81357.5	-2132.1	2475	9.8	82634.2	-2103.5	2565	9.6	83715.4	-2139.4
2296	9.9	80315.7	-2152.7	2386	9.8	81402.8	-2102.0	2476	8.5	82634.6	-2115.5	2566	9.5	83728.9	-2103.0
2297	8.9	80325.4	-2121.2	2387	9.3	81405.9	-2147.5	2477	8.0	82646.8	-2149.9	2567	9.0	83733.3	-2107.8
2298	9.5	80326.4	-2154.6	2388	10.	81406.5	-2121.0	2478	8.4	82652.2	-2158.0	2568	9.0	83744.9	-2105.3
2299	9.4	80331.8	-2124.4	2389	8.3	81409.1	-2117.2	2479	9.4	82653.5	-2124.6	2569	8.0	83752.0	-2107.1
2300	9.8	80335.1	-2101.4	2390	9.5	81425.0	-2126.3	2480	9.5	82704.1	-2124.9	2570	8.7	83801.3	-2110.5
2301	9.4	80349.5	-2157.0	2391	9.8	81427.4	-2108.7	2481	9.6	82707.1	-2126.1	2571	9.6	83806.5	-2159.3
2302	9.5	80353.0	-2133.9	2392	8.2	81434.2	-2159.3	2482	9.4	82711.1	-2132.9	2572	9.7	83812.7	-2142.1
2303	9.5	80410.4	-2102.3	2393	9.6	81439.3	-2126.6	2483	9.4	82719.5	-2130.0	2573	7.8	83821.2	-2146.4
2304	9.1	80415.0	-2132.5	2394	9.8	81453.0	-2129.5	2484	10.	82720.4	-2123.0	2574	9.4	83822.3	-2126.6
2305	9.1	80416.6	-2126.2	2395	9.5	81515.1	-2148.4	2485	9.4	82727.3	-2129.5	2575	9.4	83829.9	-2127.5
2306	9.8	80426.8	-2158.7	2396	9.1	81519.2	-2139.4	2486	7.9	82731.1	-2132.3	2576	9.8	83846.7	-2100.4
2307	9.7	80437.2	-2124.5	2397	9.5	81520.2	-2107.4	2487	9.0	82739.3	-2101.5	2577	8.6	83910.0	-2144.0
2308	9.5	80503.1	-2103.6	2398	9.5	81527.1	-2120.2	2488	10.	82744.4	-2157.5	2578	9.4	83923.2	-2135.8
2309	8.7	80527.0	-2119.2	2399	9.4	81542.7	-2135.2	2489	9.5	82751.6	-2114.8	2579	9.4	83931.2	-2155.9
2310	10.	80527.0	-2156.3	2400	9.5	81547.9	-2112.5	2490	10.	82814.2	-2152.0	2580	9.7	83946.0	-2143.4
2311	9.8	80527.2	-2158.3	2401	9.4	81553.6	-2150.3	2491	9.8	82817.6	-2120.6	2581	9.4	83959.9	-2149.4
2312	9.4	80534.3	-2151.9	2402	9.2	81558.2	-2151.2	2492	10.	82822.2	-2121.8	2582	9.0	84002.2	-2121.1
2313	8.7	80542.3	-2133.9	2403	9.7	81611.9	-2159.5	2493	9.7	82833.2	-2146.8	2583	9.7	84005.2	-2138.6
2314	9.1	80543.9	-2109.1	2404	9.4	81611.4	-2108.8	2494	9.0	82833.9	-2104.1	2584	9.7	84010.0	-2116.8
2315	9.5	80549.1	-2147.4	2405	8.4	81615.2	-2140.4	2495	9.0	82837.4	-2143.8	2585	9.5	84013.4	-2132.4
2316	9.2	80551.1	-2120.3	2406	9.2	81615.7	-2105.0	2496	9.5	82839.9	-2118.7	2586	9.8	84025.6	-2116.4
2317	10.	80554.7	-2155.2	2407	8.8	81618.1	-2140.2	2497	9.8	82840.5	-2108.4	2587	8.5	84029.5	-2107.9
2318	9.3	80608.8	-2106.7	2408	9.5	81621.9	-2126.2	2498	6.8	82841.5	-2145.0	2588	9.0	84032.9	-2150.2
2319	9.0	80617.5	-2125.7	2409	9.0	81635.1	-2107.3	2499	9.1	82844.1	-2152.7	2589	9.1	84047.1	-2108.4
2320	9.4	80620.9	-2125.4	2410	8.7	81651.8	-2107.1	2500	9.5	82845.4	-2131.0	2590	10.	84047.3	-2158.2
2321	9.4	80622.2	-2107.5	2411	9.8	81655.0	-2100.4	2501	9.4	82851.7	-2102.4	2591	9.0	84111.8	-2102.5
2322	9.4	80622.8	-2117.9	2412	9.7	81711.0	-2118.7	2502	9.8	82852.6	-2141.3	2592	8.9	84117.6	-2122.0
2323	9.1	80626.8	-2111.8	2413	9.1	81720.5	-2109.5	2503	9.7	82907.0	-2117.1	2593	9.7	84122.8	-2152.7
2324	9.8	80635.9	-2137.4	2414	9.3	81720.8	-2103.5	2504	9.6	82909.3	-2129.0	2594	9.8	84131.5	-2154.4
2325	10.	80643.8	-2108.0	2415	9.4	81732.9	-2108.8	2505	9.6	82913.3	-2129.5	2595	9.0	84136.1	-2144.0
2326	9.5	80645.1	-2112.0	2416	9.8	81740.1	-2133.4	2506	9.6	82925.0	-2125.6	2596	8.8	84138.8	-2152.0
2327	8.6	80654.9	-2157.6	2417	8.2	81757.0	-2154.8	2507	9.0	82925.8	-2129.6	2597	8.5	84155.3	-2121.4
2328	9.5	80659.1	-2109.3	2418	9.8	81802.7	-2118.7	2508	9.6	82930.5	-2125.7	2598	9.5	84213.5	-2156.0
2329	8.8	80702.3	-2107.5	2419	9.4	81817.6	-2154.8	2509	9.3	82936.3	-2119.1	2599	9.7	84229.1	-2158.2
2330	9.7	80702.3	-2155.2	2420	9.4	81822.5	-2133.1	2510	10.	82938.2	-2107.9	2600	9.6	84240.6	-2157.2
2331	9.4	80712.5	-2131.0	2421	9.7	81828.8	-2127.3	2511	9.7	82938.6	-2144.0	2601	9.4	84249.4	-2120.6
2332	9.5	80718.2	-2143.5	2422	9.7	81829.8	-2153.0	2512	9.6	82940.9	-2159.2	2602	9.3	84320.1	-2122.6
2333	8.4	80724.7	-2154.2	2423	8.5	81840.9	-2109.7	2513	8.9	82951.5	-2128.7	2603	9.0	84339.0	-2124.2
2334	9.1	80731.2	-2158.1	2424	9.1	81850.1	-2138.0	2514	9.1	82951.6	-2140.4	2604	9.5	84351.4	-2117.0
2335	9.8	80744.0	-2141.9	2425	9.0	81854.7	-2147.2	2515	10.	82955.8	-2130.4	2605	9.0	84353.2	-2121.5
2336	9.5	80757.7	-2156.4	2426	7.0	81856.6	-2139.8	2516	9.1	83000.1	-2108.8	2606	9.3	84356.9	-2130.2
2337	9.0	80816.6	-2152.7	2427	8.5	81900.7	-2106.0	2517	9.6	83004.3	-2158.8	2607	9.2	84413.4	-2155.0
2338	9.3	80837.3	-2102.8	2428	9.5	81920.2	-2101.1	2518	9.6	83030.7	-2104.2	2608	8.7	84413.5	-2143.1
2339	8.2	80838.4	-2113.6	2429	10.	81923.5	-2139.3	2519	9.6	83049.3	-2138.8	2609	9.0	84422.0	-2138.8
2340	7.7	80841.0	-2158.6	2430	9.0	81927.6	-2154.2	2520	9.5	83050.3	-2152.3	2610	7.7	84436.6	-2149.1
2341	9.1	80841.9	-2117.6	2431	9.8	81930.7	-2105.3	2521	9.8	83051.8	-2156.4	2611	9.4	84437.9	-2103.0
2342	9.4	80849.8	-2110.3	2432	9.2	81934.0	-2153.8	2522	9.8	83058.0	-2148.6	2612	9.5	84501.2	-2103.7
2343	9.7	80856.2	-2129.2	2433	9.5	81937.4	-2158.1	2523	9.0	83104.1	-2101.4	2613	9.8	84501.4	-2132.4
2344	9.4	80856.9	-2141.2	2434	9.4	81937.9	-2148.9	2524	10.	83113.3	-2135.1	2614	9.2	84527.1	-2126.3
2345	9.8	80919.7	-2106.4	2435	9.5	81947.1	-2102.9	2525	9.5	83115.5	-2137.4	2615	8.7	84529.9	-2142.8
2346	10.	80927.8	-2129.5	2436	9.7	81956.4	-2123.0	2526	9.8	83122.4	-2121.2	2616	9.7	84536.2	-2103.6
2347	9.4	80935.0	-2142.0	2437	9.8	82004.6	-2102.5	2527	9.4	83142.3	-2147.6	2617	9.0	84536.6	-2122.1
2348	8.7	80945.9	-2103.6	2438	8.5	82007.7	-2105.4	2528	9.0	83150.2	-2126.5	2618	9.5	84547.8	-2131.0
2349	10.	80956.0	-2139.4	2439	9.0	82029.8	-2109.0	2529	8.7	83150.4	-2140.0	2619	9.0	84549.9	-2144.2
2350	9.8	80959.0	-2137.5	2440	9.5	82030.4	-2154.3	2530	9.8	83153.9	-2150.4	2620	8.8	84612.7	-2110.8
2351	9.6	81001.5	-2158.4	2441	9.3	82030.7	-2122.5	2531	10.	83204.0	-2101.4	2621	9.8	84625.8	-2123.0
2352	9.8	81005.0	-2143.1	2442	9.4	82036.4	-2116.0	2532	9.2	83209.8	-2114.3	2622	8.7	84626.9	-2144.6
2353	9.5	81009.6	-2147.1	2443	9.0	82045.7	-2158.3	2533	9.8	83211.0	-2139.6	2623	7.7	84638.5	-2134.1
2354	9.4	81015.2	-2103.2	2444	9.0	82100.5	-2141.7	2534	9.2	83219.8	-2114.5	2624	9.5	84703.4	-2156.3
2355	9.8	81018.0	-2103.1	2445	9.5	82103.2	-2122.4	2535	8.1	83235.0	-2134.6	2625	9.2	84707.6	-2123.1
2356	9.8	81019.0	-2154.8	2446	9.1	82106.6	-2156.2	2536	9.4	83253.8	-2117.0	2626	9.4	84709.5	-2101.0
2357	9.2	81020.1	-2129.3	2447	10.	82131.9	-2154.1	2537	9.0	83256.9	-2156.6	2627	9.5	84734.2	-2120.8
2358	6.8	81023.2	-2126.0	2448	9.6	82140.7	-2127.3	2538	8.1	83303.1	-2125.0	2628	9.5	84736.0	-2157.2
2359	9.5	81038.5	-2157.9	2449	9.0	82150.7	-2126.5	2539	9.3	83306.1	-2112.0	2629	9.5	84747.6	-2156.5
2360	8.7	81039.3	-2149.0	2450	9.5	82151.0	-2108.3	2540	9.5	83316.4	-2156.1	2630	8.8	84747.8	-2116.1
2361	9.1	81042.2	-2110.4	2451	8.7	82151.9	-2150.7	2541	9.5	83319.3	-2141.2	2631	10.	84804.0	-2101.0
2362	8.7	81043.8	-2123.1	2452	9.5	82203.2	-2117.8	2542	9.5	83321.5	-2134.4	2632	9.5	84816.3	-2119.0
2363	9.6	81111.6	-2157.3	2453	9.8	82206.2	-2110.9	2543	9.7	83345.6	-2126.1	2633	9.4	84820.4	-2148.4
2364	10.	81112.2	-2148.8	2454	9.4	82229.3	-2136.6	2544	9.8	83345.8	-2101.4	2634	9.1	84824.6	-2152.2
2365	9.6	81125.1	-2132.7	2455	9.4	82235.3	-2135.5	2545	10.	83411.4	-2130.1	2635	9.4	84831.2	-2138.1
2366	8.7	81128.4	-2120.9	2456	9.0	82240.4	-2151.1	2546	9.7	83441.7	-2107.0	2636	9.5	84841.3	-2137.6
2367	9.8	81146.0	-2107.4	2457	9.4	82252.7	-2113.0	2547	9.8	83459.3	-2122.0	2637	8.3	84854.1	-2111.5
2368	9.5	81201.2	-2159.5	2458	9.5	82254.4	-2138.9	2548	7.2	83509.8	-2148.5	2638	9.8	84905.5	-2143.5
2369	9.1	81211.3	-2129.4	2459	8.9	82258.5	-2118.4	2549	9.5	83513.8	-2142.0	2639	8.5	84919.7	-2102.1
2370	8.7	81212.7	-2137.1	2460	9.8	82259.7	-2159.3	2550	9.3	83519.0	-2128.1	2640	8.5	84920.2	-2116.0
2371	8.5	81222.9	-2107.4	2461	9.7	82335.6	-2124.0	2551	9.8	83519.4	-2156.0	2641	9.5	84921.8	-2133.8
2372	8.5	81226.5	-2140.9	2462	9.2	82400.1	-2157.9	2552	7.7	83528.4	-2130.5	2642	9.8	84922.7	-2155.7
2373	9.5	81226.7	-2129.3	2463	8.8	82409.2	-2155.1	2553	9.3	83540.7	-2154.1	2643	9.3	84925.9	-2125.8
2374	9.1	81230.8	-2144.2	2464	9.7	82414.7	-2124.2	2554	9.8	83550.0	-2117.4	2644	9.5	84948.2	-2115.8
2375	9.1	81240.4	-2147.4	2465	9.7	82421.5	-2159.0	2555	8.9	83557.6	-2159.2	2645	9.4	85004.5	-2107.2
2376	8.8	81252.8	-2134.4	2466	9.7	82423.1	-2150.9	2556	9.7	83606.8	-2120.6	2646	9.5	85006.2	-2136.5
2377	9.4	81257.1	-2152.9	2467	9.5	82505.7	-2109.4	2557	7.7	83608.7	-2151.9	2647	9.5	85018.4	-2100.8
2378	9.6	81308.6	-2103.7	2468	10.	82525.1	-2127.4	2558	8.3	83609.0	-2103.6	2648	8.1	85022.0	-2157.9
2379	9.5	81311.9	-2106.1	2469	10.	82525.6	-2124.7	2559	9.7	83623.7	-2134.6	2649	9.3	85023.9	-2151.0
2380	9.0	81314.1	-2153.9	2470	9.4	82538.4	-2138.6	2560	8.8	83636.1	-2142.8	2650	9.7	85043.3	-2136.3

-21 2651 8h51m

-21 3010 10h07m

2651	9.4	85100.4	-2120.2	2741	9.2	90855.0	-2130.9	2831	9.3	92458.9	-2103.9	2921	9.5	94401.8	-2145.5
2652	9.8	85128.6	-2115.8	2742	9.4	90911.0	-2127.0	2832	10.	92508.7	-2120.1	2922	9.4	94440.4	-2112.2
2653	9.2	85132.5	-2111.3	2743	9.4	90935.9	-2155.5	2833	9.0	92513.6	-2107.6	2923	9.8	94456.4	-2155.9
2654	10.	85155.2	-2143.5	2744	9.8	90955.2	-2111.0	2834	9.0	92540.3	-2143.8	2924	9.5	94500.3	-2104.6
2655	9.0	85203.3	-2100.3	2745	7.3	91015.8	-2121.0	2835	10.	92547.3	-2142.6	2925	9.3	94534.2	-2132.6
2656	9.7	85208.7	-2159.7	2746	9.8	91023.6	-2158.3	2836	9.8	92554.6	-2109.2	2926	9.1	94558.5	-2128.9
2657	9.8	85227.1	-2117.7	2747	9.8	91024.5	-2127.2	2837	9.1	92556.1	-2135.6	2927	9.5	94604.8	-2110.6
2658	9.0	85239.7	-2128.3	2748	9.8	91024.9	-2148.7	2838	9.2	92609.5	-2107.2	2928	9.3	94613.3	-2115.8
2659	9.1	85240.6	-2122.1	2749	9.0	91032.9	-2152.7	2839	9.5	92614.1	-2116.4	2929	9.5	94640.5	-2113.7
2660	10.	85242.9	-2125.7	2750	9.3	91107.0	-2144.7	2840	8.8	92615.7	-2156.2	2930	9.5	94655.8	-2102.8
2661	8.4	85314.2	-2134.4	2751	8.5	91111.2	-2109.7	2841	8.0	92619.2	-2152.7	2931	9.4	94658.9	-2110.1
2662	9.3	85328.9	-2104.0	2752	9.1	91132.4	-2147.2	2842	8.8	92635.9	-2156.9	2932	9.5	94701.8	-2153.0
2663	9.5	85336.8	-2130.8	2753	8.8	91132.8	-2122.2	2843	8.8	92658.9	-2156.0	2933	8.8	94706.4	-2151.4
2664	8.2	85356.0	-2155.1	2754	9.7	91146.3	-2122.0	2844	9.3	92703.4	-2130.3	2934	9.8	94724.8	-2115.7
2665	9.6	85400.5	-2158.4	2755	9.6	91232.8	-2123.9	2845	9.2	92730.6	-2112.5	2935	6.0	94748.1	-2148.2
2666	9.6	85402.7	-2150.9	2756	7.5	91234.7	-2156.8	2846	9.9	92746.0	-2105.4	2936	9.5	94748.8	-2122.0
2667	9.5	85409.4	-2107.5	2757	9.2	91237.5	-2101.8	2847	8.8	92751.1	-2152.4	2937	9.1	94752.4	-2143.5
2668	8.3	85432.2	-2126.1	2758	9.1	91321.3	-2105.4	2848	9.0	92756.0	-2100.7	2938	8.8	94754.5	-2130.2
2669	8.3	85450.9	-2150.0	2759	9.2	91328.8	-2156.9	2849	9.8	92759.7	-2134.2	2939	9.8	94800.8	-2111.2
2670	8.7	85453.5	-2130.4	2760	9.5	91336.3	-2143.9	2850	9.5	92809.0	-2125.9	2940	9.8	94812.7	-2108.8
2671	9.0	85524.9	-2158.1	2761	9.8	91340.7	-2137.3	2851	9.5	92814.2	-2153.9	2941	8.3	94821.9	-2139.2
2672	9.8	85538.0	-2114.7	2762	10.	91343.7	-2141.5	2852	9.5	92818.1	-2123.7	2942	9.4	94836.8	-2117.8
2673	9.5	85544.5	-2117.9	2763	9.8	91346.1	-2111.5	2853	8.9	92902.3	-2152.0	2943	9.8	94841.9	-2137.6
2674	9.1	85552.6	-2123.2	2764	9.8	91349.4	-2125.3	2854	8.2	92907.6	-2117.8	2944	9.4	94901.2	-2119.6
2675	9.3	85617.3	-2151.2	2765	9.5	91422.6	-2120.2	2855	9.8	92914.4	-2106.8	2945	9.0	94915.8	-2109.2
2676	9.0	85635.3	-2100.0	2766	9.1	91434.3	-2140.0	2856	9.5	92918.5	-2114.9	2946	9.2	94938.9	-2142.1
2677	9.4	85652.5	-2120.1	2767	9.4	91500.6	-2126.7	2857	9.7	92922.7	-2139.9	2947	9.5	94944.1	-2142.1
2678	8.5	85658.4	-2136.5	2768	9.3	91502.7	-2154.0	2858	9.4	92930.4	-2104.0	2948	9.1	94948.7	-2144.9
2679	9.5	85726.4	-2137.7	2769	9.3	91519.8	-2152.5	2859	7.5	92936.6	-2120.9	2949	9.4	94950.7	-2139.0
2680	9.8	85730.2	-2130.8	2770	9.2	91539.2	-2100.4	2860	9.8	92950.6	-2125.0	2950	9.5	95008.2	-2122.5
2681	8.5	85742.8	-2124.3	2771	9.3	91540.3	-2134.6	2861	8.5	92954.1	-2147.0	2951	9.2	95029.4	-2130.0
2682	9.5	85743.4	-2148.9	2772	8.8	91544.8	-2159.2	2862	9.5	93016.7	-2138.7	2952	9.7	95037.8	-2142.3
2683	9.1	85743.6	-2100.2	2773	9.4	91545.3	-2137.3	2863	9.8	93026.6	-2147.8	2953	9.8	95038.5	-2105.6
2684	9.5	85800.1	-2132.1	2774	8.2	91555.6	-2154.0	2864	9.4	93029.4	-2102.2	2954	9.5	95039.4	-2152.5
2685	9.4	85815.5	-2122.7	2775	9.2	91557.5	-2109.9	2865	9.4	93032.6	-2152.9	2955	9.5	95054.6	-2114.1
2686	9.5	85823.4	-2148.6	2776	10.	91616.0	-2105.9	2866	9.1	93041.0	-2153.4	2956	9.8	95108.0	-2148.8
2687	8.9	85826.4	-2127.8	2777	9.8	91620.1	-2156.7	2867	9.8	93046.7	-2136.0	2957	7.8	95155.3	-2138.1
2688	9.8	85915.5	-2134.4	2778	9.5	91624.0	-2106.3	2868	9.8	93114.9	-2152.6	2958	8.2	95219.3	-2129.9
2689	9.8	85931.6	-2107.0	2779	9.3	91624.6	-2124.9	2869	9.9	93124.2	-2100.4	2959	9.3	95221.0	-2126.9
2690	9.8	85940.2	-2134.6	2780	8.7	91628.1	-2119.3	2870	9.5	93157.3	-2146.3	2960	9.1	95221.8	-2109.8
2691	9.5	85947.0	-2149.1	2781	8.5	91646.2	-2136.7	2871	9.7	93200.2	-2139.6	2961	9.2	95224.1	-2157.8
2692	8.1	85956.4	-2147.9	2782	8.0	91656.9	-2111.9	2872	9.8	93226.9	-2159.6	2962	9.5	95254.6	-2141.7
2693	9.0	90003.7	-2119.8	2783	9.4	91708.8	-2102.6	2873	9.8	93230.8	-2109.4	2963	9.7	95338.6	-2159.7
2694	9.1	90007.8	-2147.6	2784	9.2	91746.4	-2130.1	2874	9.2	93232.7	-2122.0	2964	9.5	95355.1	-2120.8
2695	9.4	90008.9	-2145.5	2785	9.7	91756.5	-2157.3	2875	9.2	93236.5	-2126.1	2965	9.8	95400.6	-2125.9
2696	9.3	90012.1	-2122.9	2786	9.8	91825.2	-2114.7	2876	9.5	93259.4	-2115.2	2966	9.5	95412.6	-2126.2
2697	9.5	90013.6	-2140.5	2787	9.8	91846.7	-2138.7	2877	9.5	93309.9	-2116.0	2967	9.5	95432.3	-2135.4
2698	9.4	90016.8	-2153.5	2788	9.8	91852.5	-2156.3	2878	9.0	93408.1	-2157.0	2968	9.5	95448.5	-2132.0
2699	9.1	90034.2	-2156.1	2789	9.0	91911.0	-2119.5	2879	9.2	93414.4	-2124.5	2969	10.	95455.9	-2159.0
2700	9.9	90118.2	-2123.0	2790	9.8	91917.7	-2151.2	2880	9.8	93416.9	-2150.5	2970	9.5	95517.0	-2147.2
2701	8.7	90133.4	-2128.8	2791	9.1	91918.2	-2130.5	2881	9.8	93417.6	-2132.4	2971	9.8	95523.4	-2107.5
2702	9.4	90159.5	-2108.3	2792	9.4	91920.1	-2134.3	2882	8.2	93446.2	-2108.0	2972	9.4	95548.5	-2154.9
2703	9.4	90208.7	-2131.0	2793	9.8	91928.7	-2125.0	2883	10.	93516.4	-2106.2	2973	7.3	95600.8	-2124.0
2704	8.6	90211.2	-2123.5	2794	8.7	91930.3	-2129.8	2884	10.	93520.7	-2107.6	2974	9.5	95648.0	-2145.7
2705	9.0	90223.8	-2148.2	2795	9.5	91940.9	-2116.8	2885	9.7	93526.5	-2132.1	2975	9.8	95719.3	-2104.6
2706	9.3	90232.5	-2112.1	2796	9.2	91948.4	-2116.0	2886	9.3	93548.4	-2139.1	2976	7.8	95732.4	-2151.5
2707	9.8	90252.5	-2126.3	2797	8.6	91956.9	-2117.4	2887	9.3	93611.9	-2141.9	2977	9.6	95734.8	-2111.5
2708	9.1	90306.3	-2143.0	2798	9.9	92012.3	-2142.3	2888	9.1	93627.4	-2126.8	2978	9.5	95807.8	-2110.4
2709	9.6	90307.9	-2129.0	2799	9.5	92012.8	-2103.0	2889	7.8	93632.9	-2139.7	2979	9.5	95810.4	-2151.1
2710	9.8	90312.9	-2126.9	2800	8.5	92020.7	-2120.9	2890	8.8	93642.3	-2127.5	2980	9.6	95916.5	-2138.0
2711	8.9	90314.9	-2106.8	2801	9.5	92021.6	-2141.8	2891	9.5	93650.8	-2155.9	2981	9.0	95945.3	-2141.4
2712	9.8	90346.1	-2123.1	2802	4.7	92040.0	-2142.3	2892	9.3	93702.4	-2105.2	2982	9.4	100004.3	-2134.8
2713	9.3	90400.6	-2150.9	2803	9.7	92047.8	-2135.1	2893	10.	93702.9	-2102.8	2983	9.8	100006.7	-2112.7
2714	9.3	90403.6	-2157.1	2804	10.	92059.2	-2117.2	2894	9.6	93720.7	-2124.5	2984	9.0	100012.3	-2148.5
2715	9.0	90420.5	-2108.8	2805	9.5	92113.1	-2147.6	2895	9.1	93737.5	-2144.3	2985	9.5	100025.1	-2133.8
2716	9.2	90421.8	-2134.0	2806	9.3	92114.3	-2123.6	2896	9.5	93747.1	-2104.2	2986	9.4	100035.8	-2122.5
2717	9.2	90423.8	-2128.2	2807	7.3	92117.5	-2153.9	2897	8.8	93757.3	-2117.7	2987	7.0	100044.8	-2146.8
2718	9.5	90501.7	-2153.4	2808	9.8	92135.5	-2134.6	2898	9.0	93802.3	-2123.8	2988	9.5	100057.2	-2135.4
2719	9.4	90503.9	-2149.5	2809	10.	92140.5	-2119.2	2899	9.0	93812.2	-2147.2	2989	9.3	100100.9	-2144.9
2720	9.0	90516.8	-2138.7	2810	9.3	92146.1	-2129.8	2900	9.5	93848.3	-2140.4	2990	9.7	100112.6	-2135.2
2721	9.4	90521.6	-2134.6	2811	9.5	92150.8	-2139.0	2901	9.2	93906.3	-2100.1	2991	9.7	100113.2	-2100.6
2722	9.8	90531.6	-2157.0	2812	9.3	92201.9	-2150.8	2902	8.7	93911.7	-2105.5	2992	10.	100113.8	-2103.1
2723	9.5	90604.4	-2109.6	2813	10.	92204.3	-2111.7	2903	8.8	93934.7	-2145.7	2993	9.7	100119.6	-2139.1
2724	9.8	90613.9	-2111.2	2814	9.1	92248.2	-2103.6	2904	7.8	93937.6	-2158.6	2994	8.4	100126.3	-2136.5
2725	9.0	90616.1	-2113.7	2815	8.5	92249.0	-2126.4	2905	8.5	93944.8	-2139.5	2995	9.0	100143.6	-2145.8
2726	8.8	90616.5	-2156.1	2816	9.7	92259.2	-2127.6	2906	9.4	94005.7	-2147.4	2996	9.4	100146.7	-2135.2
2727	9.8	90633.4	-2117.0	2817	9.1	92309.3	-2130.8	2907	7.7	94025.1	-2101.8	2997	8.3	100158.0	-2103.0
2728	9.7	90650.2	-2131.7	2818	9.0	92313.0	-2140.4	2908	9.6	94103.1	-2126.6	2998	8.3	100250.5	-2132.7
2729	9.7	90653.0	-2122.6	2819	7.9	92325.0	-2130.5	2909	9.5	94123.0	-2156.6	2999	9.5	100327.6	-2121.0
2730	9.4	90708.3	-2107.4	2820	9.0	92342.0	-2131.6	2910	9.8	94128.7	-2149.2	3000	9.7	100349.1	-2152.0
2731	8.7	90722.2	-2128.7	2821	9.7	92342.2	-2124.8	2911	9.9	94151.4	-2106.2	3001	9.3	100358.7	-2141.9
2732	9.8	90734.9	-2123.2	2822	9.1	92343.5	-2134.8	2912	7.2	94206.5	-2120.5	3002	9.2	100402.6	-2156.4
2733	8.9	90735.5	-2110.7	2823	9.5	92401.1	-2103.3	2913	9.5	94216.8	-2153.7	3003	9.2	100440.5	-2117.8
2734	9.4	90801.0	-2154.0	2824	10.	92405.8	-2123.6	2914	9.3	94216.9	-2124.8	3004	9.5	100442.8	-2126.1
2735	8.2	90818.1	-2141.1	2825	8.3	92413.6	-2104.5	2915	8.8	94221.7	-2132.4	3005	9.2	100448.6	-2118.5
2736	9.8	90820.8	-2114.2	2826	8.8	92431.4	-2139.7	2916	8.9	94241.7	-2115.1	3006	8.0	100503.5	-2154.8
2737	9.6	90825.1	-2152.1	2827	9.5	92442.4	-2108.9	2917	9.8	94243.7	-2159.7	3007	8.8	100517.7	-2134.3
2738	9.7	90826.0	-2134.4	2828	10.	92443.2	-2112.1	2918	9.3	94250.6	-2109.1	3008	10.	100519.0	-2100.4
2739	9.5	90839.3	-2111.4	2829	9.3	92445.7	-2126.6	2919	8.8	94252.2	-2106.3	3009	9.4	100702.9	-2105.3
2740	9.7	90854.5	-2125.0	2830	9.3	92451.4	-2136.2	2920	9.8	94338.2	-2133.2	3010	8.3	100712.3	-2126.2

3011	9.6	100716.4	-2149.8	3101	9.5	102759.7	-2121.4	3191	10.	104943.0	-2100.5	3281	9.6	111041.2	-2117.3
3012	8.6	100718.0	-2119.6	3102	9.4	102832.4	-2126.2	3192	7.7	104948.6	-2115.7	3282	8.0	111045.4	-2138.7
3013	7.8	100746.8	-2100.6	3103	9.2	102853.7	-2134.0	3193	9.8	105003.3	-2129.5	3283	9.2	111129.9	-2121.5
3014	8.8	100807.2	-2130.5	3104	9.7	102903.0	-2112.8	3194	9.4	105050.9	-2111.9	3284	9.8	111134.3	-2109.9
3015	9.7	100809.9	-2126.5	3105	9.0	102904.0	-2104.9	3195	7.2	105051.7	-2114.5	3285	8.3	111229.8	-2125.9
3016	9.1	100825.9	-2124.3	3106	10.	102918.2	-2131.7	3196	9.1	105054.0	-2141.5	3286	9.3	111231.7	-2155.9
3017	9.8	100854.3	-2152.2	3107	9.7	102927.1	-2156.8	3197	9.8	105130.1	-2121.7	3287	8.8	111234.6	-2106.5
3018	8.9	100912.5	-2156.0	3108	9.0	102940.2	-2122.8	3198	9.8	105141.3	-2124.5	3288	9.8	111239.2	-2153.1
3019	9.5	100917.8	-2140.3	3109	7.2	102955.1	-2154.9	3199	9.0	105156.9	-2110.8	3289	9.0	111251.7	-2120.2
3020	9.0	100934.4	-2122.0	3110	9.8	103027.5	-2100.2	3200	9.0	105231.4	-2111.3	3290	9.5	111317.8	-2132.4
3021	8.9	100945.2	-2151.2	3111	9.8	103036.3	-2155.6	3201	10.	105239.9	-2111.1	3291	9.3	111414.8	-2143.1
3022	8.0	100950.3	-2145.6	3112	9.8	103038.9	-2133.1	3202	9.8	105255.5	-2125.9	3292	7.0	111434.7	-2118.4
3023	9.9	101043.8	-2117.7	3113	9.3	103055.4	-2107.8	3203	9.2	105306.3	-2102.4	3293	9.5	111440.0	-2135.6
3024	9.2	101051.2	-2156.0	3114	9.9	103102.0	-2144.2	3204	9.8	105315.8	-2110.7	3294	9.5	111444.5	-2156.2
3025	10.	101111.0	-2108.1	3115	9.8	103113.0	-2115.4	3205	10.	105318.3	-2144.4	3295	9.6	111505.6	-2121.8
3026	9.5	101119.5	-2139.6	3116	9.6	103120.9	-2103.3	3206	9.1	105318.7	-2126.2	3296	9.0	111532.1	-2117.3
3027	9.8	101140.9	-2107.1	3117	9.0	103129.0	-2107.7	3207	9.6	105323.1	-2125.2	3297	9.3	111549.5	-2103.7
3028	9.4	101141.9	-2155.5	3118	9.8	103151.5	-2142.9	3208	9.2	105336.3	-2133.4	3298	9.3	111610.9	-2103.8
3029	9.8	101147.9	-2101.5	3119	9.2	103209.0	-2146.0	3209	9.8	105340.6	-2125.2	3299	9.8	111612.9	-2101.4
3030	8.2	101213.0	-2114.4	3120	9.2	103223.4	-2112.7	3210	10.	105343.3	-2158.1	3300	7.5	111712.1	-2117.5
3031	9.8	101217.6	-2157.1	3121	9.4	103229.5	-2121.5	3211	9.9	105354.8	-2101.0	3301	9.5	111736.4	-2113.3
3032	10.	101219.0	-2108.2	3122	7.5	103234.9	-2146.2	3212	8.0	105442.8	-2103.7	3302	9.5	111748.9	-2104.8
3033	9.5	101240.5	-2137.3	3123	9.7	103246.2	-2117.7	3213	10.	105443.3	-2130.2	3303	10.	111815.1	-2121.1
3034	9.8	101244.3	-2101.8	3124	9.8	103302.1	-2126.2	3214	9.8	105448.0	-2151.6	3304	10.	111818.1	-2118.9
3035	7.8	101256.9	-2147.5	3125	9.8	103302.1	-2157.4	3215	8.2	105458.6	-2122.1	3305	9.8	111834.0	-2145.1
3036	9.4	101308.9	-2128.8	3126	10.	103335.0	-2153.7	3216	9.3	105459.7	-2107.8	3306	9.4	111838.4	-2120.5
3037	9.4	101324.0	-2145.3	3127	9.5	103336.8	-2107.1	3217	8.5	105502.7	-2106.2	3307	8.5	111850.3	-2112.0
3038	8.5	101324.9	-2153.8	3128	9.8	103345.0	-2122.0	3218	9.8	105548.0	-2159.0	3308	7.7	111901.5	-2153.3
3039	10.	101325.0	-2122.2	3129	9.8	103343.8	-2103.4	3219	9.9	105559.8	-2117.0	3309	9.5	111916.8	-2111.1
3040	9.8	101328.3	-2113.2	3130	9.9	103411.8	-2105.2	3220	9.5	105624.2	-2127.6	3310	8.2	111951.7	-2125.5
3041	9.8	101330.0	-2106.4	3131	9.4	103424.1	-2135.5	3221	9.1	105625.1	-2118.7	3311	9.4	111955.3	-2111.7
3042	9.7	101338.9	-2106.9	3132	9.4	103439.3	-2151.8	3222	9.5	105635.7	-2101.2	3312	10.	111957.0	-2154.1
3043	9.5	101354.5	-2137.3	3133	9.4	103450.3	-2111.1	3223	8.7	105704.3	-2131.0	3313	9.6	112007.4	-2158.7
3044	8.9	101420.8	-2113.1	3134	9.5	103512.7	-2145.1	3224	9.8	105727.1	-2155.5	3314	9.8	112029.8	-2159.4
3045	6.7	101444.4	-2147.5	3135	9.0	103539.5	-2128.1	3225	9.5	105734.9	-2135.8	3315	8.8	112050.6	-2157.1
3046	9.5	101454.2	-2158.7	3136	10.	103547.3	-2114.9	3226	10.	105738.6	-2113.3	3316	7.5	112135.3	-2135.8
3047	10.	101505.9	-2128.7	3137	8.0	103557.2	-2144.8	3227	9.8	105741.2	-2147.0	3317	9.7	112221.9	-2120.8
3048	10.	101521.8	-2159.5	3138	10.	103607.3	-2124.9	3228	9.8	105750.3	-2124.8	3318	9.8	112223.7	-2116.7
3049	9.4	101538.7	-2132.0	3139	9.5	103629.2	-2154.2	3229	8.8	105753.8	-2136.3	3319	9.4	112225.8	-2147.1
3050	9.8	101621.1	-2127.9	3140	9.5	103700.2	-2152.0	3230	9.8	105817.2	-2159.8	3320	10.	112231.7	-2139.3
3051	9.1	101627.3	-2133.1	3141	10.	103730.3	-2120.0	3231	9.8	105831.2	-2126.3	3321	9.9	112253.2	-2144.8
3052	9.0	101654.9	-2127.2	3142	9.8	103735.1	-2146.8	3232	8.7	105834.0	-2119.0	3322	9.4	112312.2	-2159.1
3053	9.6	101727.4	-2143.5	3143	9.8	103746.3	-2126.1	3233	9.7	105852.7	-2118.6	3323	9.1	112338.6	-2145.5
3054	9.8	101733.6	-2108.4	3144	9.8	103749.1	-2106.7	3234	8.7	105858.1	-2118.6	3324	9.0	112338.9	-2159.6
3055	9.5	101735.9	-2154.5	3145	9.0	103750.5	-2147.3	3235	8.6	105905.1	-2141.2	3325	9.4	112352.6	-2128.5
3056	9.0	101736.2	-2144.5	3146	9.5	103751.5	-2130.2	3236	9.5	105936.2	-2121.3	3326	9.8	112401.3	-2134.8
3057	9.2	101807.0	-2133.8	3147	10.	103821.1	-2156.7	3237	8.8	105942.2	-2134.7	3327	9.6	112441.5	-2157.7
3058	9.4	101810.1	-2146.4	3148	9.2	103839.6	-2152.4	3238	9.3	110011.0	-2153.2	3328	9.1	112530.0	-2111.5
3059	9.5	101816.7	-2141.0	3149	9.0	103906.1	-2150.8	3239	9.6	110021.8	-2118.2	3329	9.5	112553.5	-2107.1
3060	9.8	101833.8	-2101.7	3150	9.8	103921.6	-2114.7	3240	9.2	110024.5	-2110.8	3330	9.5	112557.1	-2126.7
3061	7.8	101841.1	-2112.8	3151	10.	103932.7	-2153.6	3241	8.8	110103.0	-2146.4	3331	8.3	112627.4	-2139.4
3062	10.	101909.6	-2104.6	3152	8.0	104024.0	-2105.0	3242	8.3	110129.6	-2122.7	3332	8.7	112628.9	-2100.6
3063	9.8	101923.2	-2115.6	3153	9.1	104026.8	-2151.2	3243	10.	110136.9	-2119.8	3333	9.4	112650.4	-2129.4
3064	9.5	101925.2	-2136.0	3154	8.2	104032.1	-2135.1	3244	9.0	110138.4	-2116.1	3334	10.	112700.4	-2139.5
3065	8.9	101941.4	-2100.6	3155	9.8	104040.0	-2155.7	3245	10.	110140.2	-2121.5	3335	10.	112728.9	-2137.9
3066	9.3	101956.1	-2117.3	3156	10.	104059.1	-2124.6	3246	8.9	110145.5	-2117.5	3336	10.	112735.9	-2112.7
3067	9.4	101959.0	-2109.7	3157	9.0	104122.5	-2142.5	3247	9.1	110149.3	-2102.7	3337	9.1	112756.8	-2105.8
3068	9.8	102103.5	-2143.0	3158	8.7	104141.4	-2139.1	3248	9.1	110150.1	-2106.5	3338	9.1	112839.6	-2130.6
3069	9.5	102118.1	-2117.8	3159	9.9	104208.5	-2118.8	3249	9.3	110224.4	-2103.0	3339	8.5	112850.4	-2141.3
3070	9.8	102144.7	-2129.2	3160	9.3	104228.0	-2126.2	3250	10.	110234.6	-2123.5	3340	9.8	112903.3	-2145.1
3071	8.9	102145.0	-2139.5	3161	8.6	104229.7	-2124.1	3251	9.0	110246.3	-2151.5	3341	9.8	112929.8	-2108.2
3072	8.8	102150.4	-2155.5	3162	9.8	104234.3	-2105.1	3252	9.1	110252.8	-2152.3	3342	9.1	112931.9	-2112.5
3073	8.6	102207.8	-2130.8	3163	9.8	104253.5	-2125.8	3253	9.2	110257.9	-2115.3	3343	9.1	112938.8	-2151.3
3074	9.8	102208.9	-2141.9	3164	9.9	104325.4	-2110.8	3254	9.1	110309.8	-2150.1	3344	9.2	113046.3	-2111.6
3075	8.8	102214.4	-2150.8	3165	9.6	104332.9	-2122.7	3255	9.3	110327.4	-2104.3	3345	9.4	113121.0	-2104.5
3076	9.3	102219.8	-2133.3	3166	10.	104405.3	-2102.7	3256	10.	110328.4	-2141.3	3346	9.7	113121.7	-2127.9
3077	9.3	102221.2	-2154.9	3167	9.3	104418.6	-2131.6	3257	9.8	110328.4	-2140.0	3347	9.4	113128.8	-2128.6
3078	9.8	102236.3	-2107.2	3168	7.8	104440.1	-2118.2	3258	9.5	110329.8	-2104.6	3348	9.3	113134.2	-2139.5
3079	7.5	102243.7	-2130.1	3169	9.8	104441.8	-2133.6	3259	10.	110356.5	-2129.2	3349	8.8	113213.2	-2148.0
3080	7.2	102248.0	-2117.7	3170	9.5	104444.3	-2143.0	3260	9.0	110424.8	-2117.1	3350	9.4	113221.4	-2155.7
3081	9.6	102312.0	-2131.4	3171	9.2	104457.2	-2124.8	3261	10.	110457.7	-2158.2	3351	9.5	113221.9	-2157.6
3082	9.1	102340.9	-2146.7	3172	9.3	104457.9	-2137.4	3262	9.5	110520.4	-2102.5	3352	8.9	113257.6	-2117.5
3083	9.4	102342.8	-2151.4	3173	9.1	104504.8	-2155.5	3263	9.8	110537.8	-2129.0	3353	10.	113258.4	-2154.9
3084	8.8	102409.8	-2149.4	3174	9.6	104524.4	-2132.9	3264	7.7	110611.7	-2115.4	3354	8.7	113314.4	-2131.6
3085	9.0	102450.3	-2104.8	3175	9.4	104547.7	-2151.7	3265	9.8	110617.8	-2143.2	3355	9.8	113319.6	-2135.4
3086	9.8	102452.4	-2120.5	3176	9.3	104552.8	-2150.9	3266	9.5	110653.2	-2111.0	3356	9.8	113355.1	-2140.4
3087	9.1	102455.7	-2104.6	3177	8.9	104604.8	-2115.7	3267	9.5	110715.7	-2102.8	3357	9.3	113411.7	-2126.6
3088	8.3	102457.1	-2126.7	3178	10.	104632.4	-2111.9	3268	9.2	110717.2	-2157.4	3358	9.4	113423.3	-2157.4
3089	9.6	102548.7	-2136.0	3179	9.4	104642.8	-2128.2	3269	9.3	110731.2	-2122.7	3359	9.1	113427.2	-2154.3
3090	9.1	102551.2	-2101.8	3180	9.3	104701.0	-2148.7	3270	9.7	110738.1	-2135.3	3360	8.5	113431.6	-2151.0
3091	7.0	102600.3	-2147.0	3181	9.3	104702.1	-2104.5	3271	9.4	110754.2	-2117.8	3361	8.9	113500.5	-2102.7
3092	8.5	102618.2	-2102.9	3182	10.	104732.3	-2120.5	3272	8.8	110755.9	-2131.5	3362	9.1	113501.0	-2150.2
3093	9.0	102620.2	-2113.0	3183	9.4	104740.2	-2110.8	3273	9.2	110813.5	-2137.1	3363	9.3	113508.0	-2105.1
3094	9.5	102626.8	-2119.7	3184	9.4	104740.7	-2135.3	3274	8.9	110840.4	-2130.4	3364	9.6	113509.3	-2142.8
3095	8.5	102630.7	-2150.0	3185	9.4	104837.4	-2129.0	3275	9.5	110855.9	-2124.6	3365	8.8	113512.5	-2143.5
3096	9.8	102647.1	-2104.0	3186	9.1	104849.8	-2132.1	3276	8.3	110903.5	-2112.7	3366	9.6	113526.1	-2118.8
3097	9.8	102700.0	-2120.3	3187	10.	104850.7	-2127.0	3277	8.3	110914.3	-2112.6	3367	9.5	113526.4	-2159.8
3098	9.8	102715.8	-2125.7	3188	9.2	104853.0	-2102.8	3278	8.3	110936.8	-2105.0	3368	9.5	113620.3	-2102.6
3099	9.0	102742.7	-2115.8	3189	9.1	104930.1	-2137.5	3279	9.6	111023.9	-2123.6	3369	8.5	113645.4	-2144.8
3100	7.3	102746.1	-2127.0	3190	9.8	104933.1	-2115.5	3280	7.2	111037.3	-2121.0	3370	9.9	113728.0	-2159.2

-21 3371 11h38m

-21 3730 13h24m

3371	9.0	113805.9	-2121.7	3461	7.5	115535.0	-2120.6	3551	9.0	122209.2	-2140.4	3641	9.1	125204.5	-2116.6
3372	9.0	113806.4	-2125.7	3462	9.0	115543.9	-2106.5	3552	8.5	122229.1	-2104.2	3642	10.	125246.4	-2133.8
3373	9.2	113808.7	-2126.2	3463	7.7	115647.1	-2133.7	3553	9.5	122324.5	-2103.2	3643	8.2	125246.6	-2100.1
3374	9.8	113816.9	-2123.3	3464	9.8	115702.8	-2157.8	3554	9.7	122419.6	-2125.5	3644	8.5	125346.7	-2139.5
3375	9.6	113853.3	-2103.4	3465	9.8	115721.0	-2118.3	3555	9.4	122433.4	-2115.3	3645	8.9	125423.7	-2137.9
3376	9.8	113856.4	-2136.0	3466	9.1	115731.8	-2102.2	3556	9.5	122433.7	-2154.6	3646	9.3	125446.1	-2152.0
3377	9.5	113912.9	-2149.0	3467	9.4	115741.3	-2147.3	3557	7.8	122450.5	-2122.0	3647	9.5	125541.0	-2129.9
3378	9.1	113931.3	-2143.6	3468	9.5	115743.4	-2111.8	3558	9.4	122459.1	-2137.7	3648	9.0	125709.8	-2147.8
3379	8.5	113950.9	-2138.5	3469	9.0	115803.1	-2137.6	3559	9.3	122503.9	-2129.5	3649	9.5	125723.2	-2133.2
3380	9.7	114001.3	-2131.6	3470	9.8	115821.6	-2103.8	3560	8.6	122532.6	-2154.2	3650	7.7	125749.7	-2117.2
3381	9.5	114001.7	-2107.3	3471	9.6	115821.8	-2110.0	3561	9.8	122533.3	-2138.1	3651	9.8	125851.5	-2138.8
3382	9.9	114031.2	-2106.4	3472	10.	115848.8	-2110.3	3562	9.4	122535.9	-2127.8	3652	9.3	125925.7	-2113.7
3383	9.7	114037.5	-2128.7	3473	7.2	115849.3	-2159.5	3563	9.0	122615.0	-2137.9	3653	9.8	125935.5	-2142.7
3384	9.3	114045.7	-2117.1	3474	9.5	115851.3	-2129.4	3564	9.2	122619.4	-2116.7	3654	9.5	130014.2	-2145.0
3385	9.2	114134.1	-2102.1	3475	9.8	115934.7	-2102.0	3565	9.1	122625.5	-2126.5	3655	9.5	130015.6	-2129.4
3386	9.5	114150.1	-2126.1	3476	8.0	115944.5	-2134.1	3566	9.2	122703.4	-2111.0	3656	9.4	130057.4	-2151.9
3387	9.3	114150.4	-2140.6	3477	9.0	120027.6	-2159.1	3567	9.5	122704.3	-2102.2	3657	9.5	130134.1	-2134.7
3388	9.7	114155.6	-2132.1	3478	8.2	120036.6	-2126.7	3568	9.3	122812.0	-2145.7	3658	9.4	130137.6	-2104.6
3389	8.5	114200.2	-2117.4	3479	9.4	120045.0	-2116.1	3569	9.9	122857.6	-2119.6	3659	9.6	130149.8	-2139.9
3390	9.5	114236.1	-2150.4	3480	9.0	120045.1	-2146.1	3570	8.7	122908.4	-2133.2	3660	7.4	130154.5	-2124.2
3391	9.0	114259.0	-2142.8	3481	9.1	120052.9	-2129.7	3571	9.0	122921.3	-2102.1	3661	9.5	130235.0	-2152.7
3392	9.2	114322.1	-2112.5	3482	8.6	120100.1	-2151.0	3572	9.8	122954.8	-2137.7	3662	8.0	130237.4	-2135.4
3393	9.8	114322.3	-2103.3	3483	10.	120114.2	-2118.9	3573	10.	122959.1	-2125.0	3663	9.2	130258.1	-2145.5
3394	8.2	114328.1	-2120.3	3484	8.5	120119.5	-2142.9	3574	9.8	123002.9	-2156.5	3664	8.8	130259.8	-2125.8
3395	9.1	114328.7	-2138.3	3485	9.5	120154.7	-2125.2	3575	9.7	123005.4	-2120.9	3665	9.5	130309.9	-2107.1
3396	9.5	114329.6	-2112.2	3486	9.1	120237.4	-2138.6	3576	9.2	123016.0	-2123.6	3666	9.5	130420.5	-2112.0
3397	8.6	114338.8	-2135.2	3487	2.5	120241.1	-2148.6	3577	9.4	123020.6	-2124.9	3667	9.6	130431.0	-2134.5
3398	9.4	114429.5	-2154.9	3488	9.9	120315.6	-2115.8	3578	8.5	123123.8	-2149.1	3668	9.2	130458.3	-2107.0
3399	10.	114451.8	-2120.5	3489	9.5	120344.7	-2134.6	3579	9.4	123131.9	-2108.3	3669	9.0	130532.0	-2153.2
3400	9.5	114453.0	-2107.5	3490	8.3	120409.1	-2119.0	3580	9.0	123140.2	-2151.7	3670	9.8	130533.5	-2130.2
3401	9.8	114508.5	-2150.6	3491	8.8	120445.8	-2142.6	3581	9.4	123202.1	-2105.8	3671	9.7	130553.4	-2142.8
3402	9.0	114515.5	-2121.9	3492	9.7	120524.5	-2127.6	3582	9.8	123207.7	-2112.6	3672	9.2	130602.7	-2147.0
3403	8.8	114516.2	-2112.7	3493	9.5	120549.0	-2110.3	3583	10.	123235.0	-2122.6	3673	7.7	130611.5	-2135.5
3404	9.7	114519.7	-2128.9	3494	9.1	120718.5	-2135.2	3584	9.4	123238.1	-2131.7	3674	9.8	130654.5	-2143.9
3405	9.6	114529.0	-2123.6	3495	9.7	120757.6	-2155.6	3585	9.3	123248.1	-2116.5	3675	9.8	130657.8	-2122.5
3406	9.7	114536.0	-2132.2	3496	9.7	120818.9	-2108.2	3586	9.4	123250.6	-2108.0	3676	9.4	130707.4	-2135.9
3407	9.4	114550.5	-2114.7	3497	8.0	120819.8	-2115.0	3587	9.5	123338.0	-2107.6	3677	9.6	130718.7	-2155.6
3408	9.8	114559.4	-2154.4	3498	9.1	120820.9	-2108.5	3588	9.2	123338.0	-2155.2	3678	9.8	130755.8	-2112.3
3409	9.4	114602.5	-2123.5	3499	9.4	120823.4	-2159.9	3589	9.0	123345.6	-2138.4	3679	9.8	130808.1	-2148.5
3410	9.5	114623.9	-2111.6	3500	9.1	120827.5	-2100.9	3590	9.1	123357.5	-2123.8	3680	9.6	130810.6	-2123.7
3411	9.6	114630.0	-2114.5	3501	8.5	120827.6	-2141.7	3591	9.6	123359.4	-2125.3	3681	8.0	130817.5	-2108.6
3412	9.9	114701.5	-2102.9	3502	10.	120857.3	-2115.9	3592	9.8	123410.8	-2159.3	3682	9.5	130832.4	-2129.4
3413	8.9	114704.3	-2103.7	3503	9.8	121001.6	-2134.3	3593	8.5	123418.1	-2155.8	3683	9.8	130855.9	-2131.0
3414	8.2	114710.4	-2105.5	3504	8.3	121010.2	-2108.7	3594	9.0	123433.5	-2110.0	3684	8.0	130857.6	-2101.1
3415	9.2	114720.9	-2148.4	3505	8.8	121059.7	-2133.1	3595	9.5	123451.0	-2146.6	3685	8.9	130912.1	-2115.8
3416	9.9	114723.5	-2118.2	3506	9.7	121216.5	-2141.2	3596	9.5	123533.1	-2153.5	3686	9.8	130919.2	-2159.0
3417	9.9	114731.9	-2113.8	3507	9.5	121221.7	-2112.5	3597	10.	123540.4	-2114.0	3687	8.3	130935.6	-2158.6
3418	8.8	114745.3	-2128.9	3508	8.7	121224.1	-2122.8	3598	9.5	123754.3	-2110.2	3688	9.3	130959.4	-2127.1
3419	9.5	114755.7	-2138.0	3509	9.5	121236.2	-2126.5	3599	9.5	123808.3	-2136.6	3689	9.2	131011.0	-2138.2
3420	9.1	114807.3	-2134.6	3510	10.	121238.8	-2138.8	3600	7.5	123813.3	-2150.1	3690	9.8	131024.4	-2157.5
3421	9.0	114817.2	-2137.2	3511	6.5	121240.6	-2121.9	3601	9.5	123831.1	-2158.7	3691	9.5	131045.7	-2102.4
3422	7.7	114833.4	-2122.5	3512	9.7	121251.6	-2156.2	3602	8.9	123840.2	-2115.1	3692	9.2	131105.8	-2117.8
3423	9.4	114835.8	-2105.3	3513	9.3	121252.3	-2152.5	3603	8.7	123855.0	-2154.8	3693	9.8	131112.3	-2109.7
3424	9.8	114855.7	-2115.4	3514	5.0	121303.5	-2124.3	3604	9.4	123900.8	-2109.0	3694	9.8	131128.5	-2158.5
3425	8.7	114906.6	-2115.0	3515	10.	121303.6	-2159.0	3605	7.7	123922.8	-2120.0	3695	9.8	131200.7	-2133.2
3426	9.4	114906.9	-2107.6	3516	10.	121310.0	-2102.6	3606	9.1	123928.8	-2134.1	3696	9.5	131207.7	-2140.0
3427	9.5	114918.0	-2111.2	3517	9.8	121317.2	-2159.1	3607	8.8	124022.9	-2152.5	3697	8.3	131240.5	-2121.9
3428	9.9	114940.3	-2111.2	3518	8.6	121318.5	-2131.3	3608	9.4	124052.1	-2112.2	3698	9.6	131246.6	-2138.4
3429	9.8	114942.6	-2118.1	3519	9.4	121325.5	-2104.2	3609	9.8	124056.5	-2151.4	3699	9.4	131259.7	-2130.1
3430	10.	114947.4	-2113.7	3520	9.6	121326.8	-2134.1	3610	9.0	124059.2	-2142.2	3700	7.3	131311.6	-2136.9
3431	10.	114953.5	-2109.5	3521	10.	121356.1	-2138.1	3611	9.4	124115.7	-2115.2	3701	8.1	131314.8	-2102.6
3432	7.2	114954.8	-2143.8	3522	8.7	121358.0	-2137.8	3612	8.3	124143.7	-2136.2	3702	9.5	131315.8	-2134.0
3433	9.2	115000.6	-2138.6	3523	9.3	121406.8	-2147.5	3613	9.8	124159.0	-2153.3	3703	9.4	131447.7	-2130.1
3434	9.8	115000.7	-2153.6	3524	9.4	121408.0	-2131.6	3614	9.1	124209.1	-2109.3	3704	9.0	131620.5	-2143.1
3435	9.6	115044.3	-2138.3	3525	9.2	121416.0	-2115.7	3615	8.6	124212.9	-2135.7	3705	9.1	131703.7	-2145.9
3436	10.	115045.9	-2139.0	3526	9.5	121418.5	-2122.6	3616	9.2	124337.6	-2125.5	3706	9.0	131748.0	-2156.0
3437	9.2	115059.3	-2148.2	3527	10.	121448.1	-2126.8	3617	9.3	124406.0	-2102.1	3707	9.5	131808.8	-2107.0
3438	9.8	115202.4	-2125.6	3528	9.3	121457.4	-2138.7	3618	9.3	124407.8	-2134.3	3708	9.4	131813.6	-2124.4
3439	9.9	115213.1	-2103.2	3529	9.3	121519.5	-2119.8	3619	9.4	124409.0	-2120.9	3709	9.8	131819.2	-2122.4
3440	9.5	115239.5	-2140.5	3530	8.8	121603.0	-2157.8	3620	9.5	124505.1	-2125.8	3710	9.5	131841.8	-2102.3
3441	9.1	115303.1	-2123.4	3531	8.5	121638.9	-2115.5	3621	9.5	124532.4	-2130.3	3711	9.7	131849.5	-2142.2
3442	8.5	115305.1	-2104.2	3532	9.5	121644.4	-2114.6	3622	9.9	124610.2	-2103.4	3712	8.2	131850.1	-2132.1
3443	6.2	115318.5	-2101.3	3533	9.2	121650.3	-2159.9	3623	9.3	124621.3	-2101.2	3713	9.4	131911.8	-2145.4
3444	9.7	115340.7	-2118.5	3534	9.2	121706.8	-2101.5	3624	9.3	124701.9	-2128.3	3714	8.2	131914.5	-2136.5
3445	9.4	115346.5	-2154.7	3535	9.8	121752.0	-2126.3	3625	9.4	124712.1	-2146.1	3715	9.7	131931.5	-2130.2
3446	8.8	115409.9	-2138.5	3536	10.	121759.3	-2108.3	3626	9.1	124734.8	-2122.9	3716	10.	131954.5	-2154.7
3447	9.5	115412.5	-2101.6	3537	9.7	121833.9	-2128.7	3627	8.9	124741.7	-2155.8	3717	9.8	132008.4	-2140.3
3448	8.8	115415.4	-2147.0	3538	10.	121906.0	-2151.5	3628	9.3	124842.0	-2158.1	3718	7.7	132019.4	-2139.2
3449	9.8	115426.8	-2150.9	3539	10.	121906.4	-2155.2	3629	9.7	124843.0	-2145.8	3719	9.2	132027.4	-2139.0
3450	9.5	115440.7	-2129.6	3540	9.8	121913.7	-2115.4	3630	9.4	124851.0	-2130.0	3720	9.8	132035.8	-2150.6
3451	9.5	115447.3	-2136.8	3541	7.7	121930.9	-2135.0	3631	9.5	124852.2	-2121.5	3721	9.7	132038.4	-2140.6
3452	9.8	115451.1	-2118.4	3542	9.4	121942.2	-2115.0	3632	9.5	124906.1	-2135.3	3722	9.2	132105.0	-2124.2
3453	8.9	115453.8	-2139.2	3543	9.1	121943.2	-2112.3	3633	9.3	124920.5	-2154.6	3723	8.5	132146.7	-2136.9
3454	9.8	115454.0	-2124.4	3544	8.6	122012.8	-2135.8	3634	7.0	124927.6	-2122.7	3724	9.8	132150.1	-2106.8
3455	9.8	115503.0	-2115.5	3545	9.0	122110.1	-2104.9	3635	6.3	124950.0	-2158.0	3725	9.5	132158.1	-2136.7
3456	10.	115503.8	-2109.8	3546	8.9	122132.0	-2155.5	3636	9.8	125113.6	-2107.6	3726	9.6	132253.0	-2117.5
3457	9.3	115508.9	-2100.4	3547	9.8	122148.8	-2151.3	3637	9.3	125114.3	-2139.5	3727	9.9	132302.1	-2102.6
3458	9.5	115519.9	-2133.7	3548	9.6	122200.1	-2119.5	3638	10.	125131.6	-2102.3	3728	9.5	132303.9	-2127.1
3459	9.9	115524.5	-2134.5	3549	9.0	122204.6	-2115.2	3639	7.9	125142.3	-2120.7	3729	9.7	132348.2	-2132.3
3460	9.3	115534.2	-2125.3	3550	9.4	122206.3	-2148.0	3640	9.5	125143.6	-2158.8	3730	9.5	132435.6	-2135.8

3731	9.9	132445.5	-2110.8	3821	9.1	135511.3	-2158.2	3911	10.	142020.0	-2111.6	4001	10.	144912.7	-2158.9
3732	8.9	132452.8	-2126.2	3822	9.4	135525.7	-2138.2	3912	8.3	142022.3	-2120.4	4002	9.5	144920.4	-2107.2
3733	9.5	132506.5	-2130.9	3823	9.7	135545.8	-2128.3	3913	7.9	142024.6	-2137.1	4003	9.8	144937.2	-2121.9
3734	9.5	132540.6	-2133.1	3824	6.5	135548.1	-2143.4	3914	9.1	142033.1	-2127.7	4004	7.5	145019.9	-2148.8
3735	9.1	132553.2	-2154.8	3825	9.1	135552.5	-2155.3	3915	8.8	142050.7	-2158.4	4005	9.3	145024.8	-2102.6
3736	7.5	132728.9	-2152.6	3826	9.7	135601.6	-2132.9	3916	9.5	142101.2	-2106.1	4006	10.	145034.9	-2109.7
3737	9.1	132732.0	-2144.8	3827	9.8	135605.4	-2151.0	3917	7.0	142228.0	-2148.7	4007	9.4	145056.3	-2151.0
3738	6.5	132737.8	-2117.0	3828	8.4	135608.6	-2103.2	3918	8.6	142241.0	-2154.5	4008	9.7	145124.1	-2116.6
3739	8.5	132752.0	-2138.6	3829	9.8	135622.7	-2129.3	3919	9.0	142329.6	-2115.5	4009	8.3	145135.5	-2125.1
3740	10.	132840.1	-2157.5	3830	8.7	135623.8	-2104.0	3920	9.5	142342.0	-2141.8	4010	9.5	145139.8	-2109.6
3741	7.8	132907.8	-2106.6	3831	7.5	135700.4	-2155.1	3921	9.6	142342.7	-2146.9	4011	9.1	145307.4	-2139.5
3742	9.0	132924.7	-2111.1	3832	9.7	135704.4	-2159.0	3922	9.8	142449.5	-2129.9	4012	9.8	145334.5	-2122.2
3743	8.9	132940.7	-2128.9	3833	9.7	135712.6	-2104.2	3923	9.9	142454.3	-2102.7	4013	9.2	145358.8	-2119.9
3744	9.7	133020.1	-2125.2	3834	9.3	135721.0	-2112.4	3924	9.3	142508.8	-2142.2	4014	9.6	145401.1	-2123.6
3745	9.2	133025.2	-2126.0	3835	9.9	135731.2	-2133.5	3925	9.5	142525.0	-2128.7	4015	8.0	145410.0	-2126.4
3746	9.7	133107.2	-2108.8	3836	9.9	135739.8	-2137.0	3926	9.4	142540.9	-2127.6	4016	8.9	145427.1	-2115.6
3747	9.7	133142.6	-2159.4	3837	9.0	135754.5	-2154.2	3927	9.1	142541.8	-2139.8	4017	9.5	145526.6	-2111.9
3748	9.5	133156.8	-2128.1	3838	9.8	135803.4	-2111.8	3928	9.3	142601.1	-2114.5	4018	9.2	145529.6	-2156.8
3749	9.6	133207.3	-2139.2	3839	9.3	135810.9	-2150.8	3929	7.5	142612.2	-2145.3	4019	9.3	145553.8	-2130.8
3750	8.5	133211.8	-2153.6	3840	9.4	135831.9	-2140.8	3930	9.5	142612.7	-2108.2	4020	9.8	145555.4	-2139.5
3751	9.8	133248.4	-2126.4	3841	9.6	135835.1	-2136.4	3931	9.5	142705.9	-2126.5	4021	9.8	145607.4	-2121.6
3752	9.1	133257.9	-2102.7	3842	9.1	135835.5	-2139.6	3932	10.	142707.2	-2102.6	4022	9.8	145607.5	-2125.7
3753	9.8	133335.2	-2124.4	3843	9.7	135916.7	-2123.1	3933	7.5	142754.7	-2132.6	4023	9.6	145629.5	-2158.7
3754	9.5	133420.5	-2102.7	3844	9.6	135947.2	-2115.4	3934	10.	142841.0	-2122.2	4024	9.0	145634.5	-2139.7
3755	8.0	133424.0	-2118.3	3845	8.6	135955.9	-2130.2	3935	7.9	142849.8	-2130.1	4025	9.3	145650.6	-2153.7
3756	9.8	133435.7	-2133.3	3846	9.8	140051.8	-2116.4	3936	9.3	142907.7	-2142.5	4026	9.1	145710.7	-2139.8
3757	9.0	133452.1	-2153.4	3847	9.2	140101.6	-2156.7	3937	9.0	142932.8	-2124.7	4027	9.1	145724.7	-2137.0
3758	9.5	133456.7	-2143.1	3848	8.0	140107.3	-2150.8	3938	9.4	143001.7	-2100.3	4028	7.6	145741.5	-2150.5
3759	9.1	133512.6	-2151.1	3849	9.8	140114.9	-2147.7	3939	9.8	143006.0	-2107.6	4029	8.5	145804.2	-2116.9
3760	8.2	133522.3	-2137.9	3850	10.	140120.5	-2124.3	3940	9.0	143036.0	-2154.7	4030	6.5	145805.3	-2127.5
3761	9.7	133606.6	-2142.2	3851	9.5	140125.5	-2123.5	3941	8.0	143040.6	-2142.0	4031	9.8	145812.3	-2103.3
3762	9.2	133629.1	-2112.3	3852	9.4	140131.4	-2104.4	3942	8.3	143138.5	-2102.5	4032	8.9	145816.4	-2131.5
3763	9.8	133630.0	-2102.4	3853	9.9	140139.0	-2139.7	3943	9.1	143218.5	-2146.5	4033	9.7	145846.2	-2155.2
3764	9.5	133643.9	-2127.9	3854	9.8	140205.5	-2156.8	3944	9.8	143226.9	-2111.4	4034	10.	145857.0	-2154.0
3765	9.8	133706.6	-2146.0	3855	9.8	140304.8	-2118.7	3945	9.8	143244.2	-2119.4	4035	9.5	145940.9	-2111.4
3766	9.2	133744.7	-2129.0	3856	9.8	140306.6	-2144.1	3946	7.3	143250.6	-2159.3	4036	8.0	145959.7	-2132.1
3767	9.2	133811.4	-2107.5	3857	9.2	140311.1	-2124.9	3947	9.4	143311.8	-2120.9	4037	9.3	150019.2	-2114.3
3768	9.2	133820.7	-2158.3	3858	9.3	140319.1	-2123.9	3948	9.8	143353.6	-2159.3	4038	9.6	150023.3	-2119.1
3769	9.8	133844.8	-2146.1	3859	9.1	140333.6	-2145.6	3949	9.3	143412.5	-2136.6	4039	9.0	150035.0	-2150.2
3770	8.9	133854.3	-2112.2	3860	9.8	140358.8	-2146.7	3950	9.7	143458.9	-2124.1	4040	8.8	150041.4	-2110.0
3771	9.7	133936.8	-2118.0	3861	9.9	140400.4	-2140.2	3951	9.5	143518.8	-2119.5	4041	9.1	150043.5	-2141.1
3772	9.2	133941.0	-2107.2	3862	9.8	140403.4	-2134.6	3952	9.1	143519.3	-2147.0	4042	9.1	150044.6	-2139.6
3773	8.9	133949.2	-2124.9	3863	9.1	140448.2	-2101.2	3953	8.5	143553.7	-2120.7	4043	9.5	150111.5	-2130.4
3774	10.	134004.5	-2120.4	3864	8.0	140536.8	-2147.2	3954	9.2	143621.0	-2137.7	4044	8.8	150111.8	-2100.4
3775	7.7	134031.9	-2126.0	3865	9.1	140551.1	-2126.5	3955	9.7	143637.1	-2130.3	4045	8.8	150125.1	-2110.8
3776	9.4	134040.3	-2106.1	3866	9.8	140555.3	-2148.1	3956	8.8	143639.5	-2113.9	4046	9.8	150224.4	-2109.5
3777	9.4	134041.3	-2157.7	3867	9.8	140630.5	-2111.4	3957	9.5	143712.0	-2108.7	4047	9.1	150232.6	-2129.8
3778	8.2	134059.9	-2159.5	3868	9.8	140642.0	-2117.7	3958	9.5	143719.1	-2148.1	4048	8.5	150242.9	-2130.9
3779	9.1	134132.8	-2103.0	3869	7.9	140700.7	-2153.0	3959	7.8	143728.3	-2147.	4049	9.4	150304.7	-2117.7
3780	9.8	134149.8	-2108.1	3870	9.8	140732.7	-2154.4	3960	9.8	143752.5	-2125.	4050	9.1	150342.8	-2149.0
3781	7.8	134200.5	-2122.3	3871	9.8	140754.8	-2143.4	3961	7.8	143812.0	-2147.	4051	10.	150347.4	-2141.0
3782	9.2	134222.5	-2136.9	3872	9.4	140802.3	-2135.1	3962	8.9	143829.4	-2133.	4052	9.5	150432.9	-2142.8
3783	9.9	134239.1	-2114.0	3873	9.6	140828.4	-2105.7	3963	9.8	143831.6	-2115.	4053	9.3	150535.0	-2136.7
3784	9.8	134258.9	-2153.7	3874	9.4	140836.4	-2113.5	3964	8.8	143836.0	-2151.5	4054	9.1	150535.2	-2140.6
3785	9.0	134319.3	-2121.6	3875	9.6	140844.6	-2122.9	3965	9.6	143902.7	-2115.6	4055	9.4	150540.9	-2145.0
3786	9.8	134323.6	-2118.0	3876	9.2	140852.3	-2124.5	3966	9.7	143907.2	-2113.9	4056	9.0	150557.8	-2155.8
3787	9.8	134353.4	-2111.2	3877	7.5	140906.1	-2106.8	3967	9.8	144037.5	-2116.8	4057	10.	150558.0	-2127.0
3788	9.0	134421.6	-2103.5	3878	9.5	140909.9	-2145.0	3968	9.4	144044.5	-2115.0	4058	9.8	150605.8	-2113.8
3789	9.9	134452.0	-2120.1	3879	7.0	140934.5	-2108.9	3969	9.0	144050.1	-2152.4	4059	10.	150605.8	-2131.1
3790	9.8	134538.7	-2107.1	3880	9.8	141000.1	-2142.4	3970	9.5	144115.3	-2132.5	4060	10.	150614.2	-2131.0
3791	9.6	134555.9	-2125.7	3881	9.3	141134.9	-2111.8	3971	9.0	144141.2	-2138.2	4061	9.4	150622.8	-2157.3
3792	9.5	134559.8	-2144.0	3882	9.6	141136.5	-2120.9	3972	8.8	144156.3	-2157.9	4062	9.1	150623.4	-2102.6
3793	8.7	134604.4	-2131.0	3883	9.6	141150.6	-2146.1	3973	9.2	144157.9	-2111.6	4063	9.0	150704.9	-2103.2
3794	9.0	134608.0	-2112.0	3884	9.0	141252.3	-2115.0	3974	9.0	144219.2	-2144.7	4064	9.5	150713.5	-2118.7
3795	9.7	134609.5	-2130.1	3885	9.8	141310.8	-2101.5	3975	9.8	144224.1	-2107.6	4065	6.0	150759.1	-2151.6
3796	9.4	134610.0	-2110.7	3886	9.3	141319.1	-2120.5	3976	9.6	144247.9	-2133.8	4066	9.6	150813.6	-2154.7
3797	9.2	134610.3	-2156.0	3887	9.8	141348.3	-2109.5	3977	9.5	144257.1	-2145.0	4067	9.5	150830.0	-2120.0
3798	9.3	134614.9	-2146.2	3888	9.1	141422.6	-2118.7	3978	9.6	144315.2	-2148.3	4068	9.5	150838.9	-2131.8
3799	8.6	134624.9	-2116.3	3889	9.8	141515.0	-2159.1	3979	8.6	144327.4	-2128.2	4069	9.0	150844.3	-2115.7
3800	6.7	134629.0	-2131.4	3890	9.0	141531.9	-2102.0	3980	8.9	144406.1	-2106.4	4070	10.	150903.4	-2147.7
3801	9.6	134700.4	-2115.4	3891	8.0	141548.4	-2102.8	3981	10.	144435.1	-2104.6	4071	10.	150919.0	-2147.0
3802	9.0	134726.0	-2134.2	3892	9.8	141556.5	-2149.6	3982	9.5	144435.5	-2112.4	4072	8.8	150922.3	-2102.2
3803	9.5	134743.6	-2145.1	3893	9.5	141606.1	-2120.4	3983	9.5	144447.8	-2123.8	4073	9.6	150940.2	-2107.9
3804	9.0	134751.4	-2139.7	3894	9.3	141615.0	-2103.4	3984	9.0	144453.6	-2106.6	4074	9.8	151008.1	-2117.0
3805	9.5	134827.4	-2135.5	3895	9.2	141642.3	-2151.6	3985	8.3	144502.2	-2100.1	4075	9.4	151025.2	-2136.3
3806	9.5	134829.6	-2110.9	3896	9.0	141649.4	-2155.2	3986	9.5	144504.2	-2133.8	4076	9.4	151037.5	-2117.4
3807	9.0	134831.6	-2148.5	3897	9.5	141709.4	-2151.1	3987	8.5	144527.1	-2107.0	4077	9.8	151043.4	-2119.1
3808	9.4	134852.9	-2128.1	3898	7.7	141745.9	-2127.7	3988	9.8	144530.9	-2122.9	4078	10.	151047.4	-2101.7
3809	9.1	134923.4	-2136.2	3899	8.5	141809.9	-2154.3	3989	9.8	144545.6	-2153.5	4079	9.5	151102.9	-2115.7
3810	9.3	135021.3	-2105.8	3900	9.1	141843.1	-2127.5	3990	9.7	144601.4	-2107.2	4080	9.8	151114.6	-2149.0
3811	9.5	135031.2	-2147.6	3901	8.0	141843.9	-2112.6	3991	9.8	144614.4	-2150.6	4081	9.3	151128.5	-2125.1
3812	9.6	135115.2	-2115.9	3902	9.1	141847.3	-2100.7	3992	9.5	144618.1	-2138.1	4082	9.6	151143.0	-2156.2
3813	8.5	135150.3	-2138.5	3903	8.9	141848.5	-2135.4	3993	9.5	144624.5	-2102.7	4083	9.3	151145.7	-2103.8
3814	9.6	135211.1	-2158.1	3904	9.3	141906.8	-2149.6	3994	8.0	144806.5	-2123.8	4084	9.1	151153.0	-2155.1
3815	9.8	135235.7	-2126.3	3905	9.2	141916.7	-2154.2	3995	10.	144816.0	-2139.2	4085	9.5	151155.3	-2116.6
3816	9.8	135310.6	-2114.4	3906	7.2	141923.3	-2120.3	3996	9.8	144819.7	-2142.3	4086	9.0	151201.6	-2143.8
3817	8.9	135351.7	-2110.8	3907	9.8	141936.9	-2156.3	3997	10.	144819.9	-2143.8	4087	9.8	151203.9	-2114.6
3818	9.5	135357.9	-2116.4	3908	9.8	141944.7	-2102.9	3998	9.2	144825.6	-2152.5	4088	9.8	151231.8	-2121.4
3819	9.0	135447.7	-2100.5	3909	9.2	141953.1	-2156.6	3999	9.3	144841.0	-2127.3	4089	9.3	151234.2	-2149.4
3820	9.1	135509.9	-2141.6	3910	9.8	142010.0	-2144.9	4000	7.7	144907.2	-2133.4	4090	9.0	151241.7	-2141.3

-21 4091 15h12m

4091	9.0	151253.4	-2132.3	4181	9.8	153036.4	-2137.3	4271	9.0	155738.0	-2110.7	4361	9.4	161944.4	-2127.0
4092	9.0	151308.6	-2148.7	4182	9.8	153107.4	-2154.2	4272	9.3	155802.2	-2146.0	4362	9.8	162004.9	-2146.5
4093	9.6	151311.4	-2157.5	4183	9.8	153712.7	-2159.7	4273	9.5	155802.7	-2123.0	4363	9.6	162006.1	-2126.4
4094	9.8	151334.1	-2104.5	4184	9.5	153717.5	-2114.4	4274	9.1	155816.8	-2131.3	4364	9.2	162008.2	-2153.6
4095	9.5	151344.3	-2130.5	4185	9.5	153741.5	-2120.6	4275	8.0	155818.3	-2128.2	4365	9.5	162012.0	-2129.6
4096	9.4	151410.8	-2106.3	4186	9.5	153837.8	-2158.8	4276	8.8	155844.5	-2140.4	4366	7.8	162045.2	-2114.4
4097	9.4	151450.7	-2152.6	4187	8.8	153840.7	-2104.7	4277	9.7	155859.4	-2134.1	4367	9.5	162052.5	-2139.8
4098	8.8	151455.2	-2109.3	4188	9.4	153841.5	-2112.1	4278	9.7	155900.6	-2113.8	4368	8.8	162111.9	-2107.3
4099	9.3	151514.5	-2120.0	4189	10.	153910.4	-2138.2	4279	8.2	155914.0	-2101.2	4369	9.8	162114.0	-2131.8
4100	9.6	151520.1	-2137.5	4190	10.	153910.4	-2136.4	4280	9.5	155942.0	-2106.5	4370	9.8	162116.0	-2119.7
4101	8.8	151528.0	-2149.7	4191	9.3	153915.5	-2103.3	4281	9.4	155946.4	-2149.2	4371	9.8	162117.2	-2121.6
4102	9.4	151626.8	-2123.8	4192	9.1	153927.1	-2111.7	4282	9.5	155948.5	-2114.0	4372	9.6	162117.9	-2130.4
4103	7.5	151632.5	-2131.4	4193	9.7	153938.3	-2153.9	4283	30.0	160001.6	-2108.3	4373	9.4	162119.7	-2113.6
4104	7.7	151657.5	-2124.4	4194	9.2	153952.5	-2143.0	4284	8.8	160042.3	-2135.3	4374	9.4	162133.9	-2145.1
4105	9.6	151710.2	-2103.5	4195	9.8	154013.4	-2123.8	4285	10.	160106.7	-2107.9	4375	9.8	162137.7	-2119.2
4106	9.0	151730.0	-2145.2	4196	8.8	154038.4	-2151.2	4286	9.5	160130.9	-2112.0	4376	9.5	162155.4	-2125.5
4107	9.5	151752.5	-2114.3	4197	7.0	154127.2	-2102.5	4287	7.3	160146.4	-2145.8	4377	9.2	162205.0	-2108.2
4108	9.4	151813.8	-2114.5	4198	9.2	154129.1	-2108.1	4288	9.5	160148.9	-2157.9	4378	10.	162235.5	-2122.5
4109	8.5	151817.5	-2159.4	4199	9.3	154147.6	-2149.2	4289	9.2	160153.3	-2150.8	4379	9.8	162246.4	-2130.0
4110	9.6	151841.9	-2107.7	4200	9.5	154151.3	-2152.5	4290	9.2	160206.9	-2116.1	4380	9.0	162315.0	-2113.0
4111	8.9	151842.2	-2122.1	4201	9.8	154226.5	-2143.7	4291	8.8	160215.0	-2148.8	4381	5.5	162333.4	-2108.9
4112	9.8	151855.8	-2146.9	4202	9.1	154227.7	-2155.8	4292	9.5	160242.7	-2103.5	4382	10.	162346.0	-2102.3
4113	9.3	151903.3	-2109.3	4203	9.4	154231.1	-2130.1	4293	10.	160253.8	-2158.4	4383	9.2	162352.7	-2126.7
4114	10.	151927.5	-2147.2	4204	9.3	154256.9	-2102.5	4294	9.5	160257.3	-2112.6	4384	9.7	162445.0	-2103.2
4115	9.5	151952.6	-2136.1	4205	9.6	154331.4	-2112.5	4295	9.5	160257.9	-2134.4	4385	9.5	162456.9	-2139.4
4116	9.4	152000.8	-2141.6	4206	9.3	154332.2	-2156.9	4296	9.6	160331.3	-2154.5	4386	9.0	162457.4	-2102.4
4117	9.0	152001.5	-2109.8	4207	7.3	154339.2	-2114.4	4297	9.0	160334.9	-2100.1	4387	10.	162549.3	-2150.0
4118	9.7	152003.2	-2156.2	4208	9.7	154341.9	-2105.5	4298	10.	160350.6	-2117.6	4388	9.9	162646.8	-2110.4
4119	9.5	152006.0	-2138.9	4209	9.6	154345.4	-2111.7	4299	9.5	160414.2	-2127.9	4389	8.2	162652.6	-2134.2
4120	8.9	152008.4	-2118.0	4210	9.5	154401.3	-2136.1	4300	9.4	160427.2	-2156.3	4390	9.8	162755.5	-2119.8
4121	9.5	152014.0	-2116.8	4211	9.5	154418.5	-2132.5	4301	9.5	160443.8	-2150.9	4391	8.0	162900.8	-2145.4
4122	9.3	152020.1	-2118.9	4212	9.4	154433.8	-2114.0	4302	9.1	160448.8	-2135.4	4392	9.8	162923.7	-2122.7
4123	9.5	152052.1	-2107.9	4213	9.3	154440.9	-2124.5	4303	9.3	160501.9	-2132.4	4393	9.5	163009.3	-2109.6
4124	9.7	152121.9	-2136.6	4214	8.2	154451.3	-2131.9	4304	9.5	160507.9	-2139.5	4394	8.5	163022.2	-2144.9
4125	9.8	152151.1	-2104.8	4215	10.	154458.6	-2123.2	4305	7.0	160509.4	-2101.5	4395	8.8	163114.2	-2142.7
4126	9.3	152203.5	-2148.3	4216	10.	154503.0	-2121.6	4306	9.3	160528.8	-2142.8	4396	9.0	163145.9	-2137.8
4127	9.8	152209.9	-2137.7	4217	9.0	154503.8	-2119.2	4307	9.2	160534.7	-2147.5	4397	9.2	163150.6	-2152.2
4128	7.8	152217.6	-2122.7	4218	9.3	154513.3	-2109.6	4308	7.5	160546.6	-2145.0	4398	9.5	163201.1	-2143.8
4129	8.6	152219.3	-2141.2	4219	9.1	154515.3	-2117.9	4309	9.5	160557.9	-2144.4	4399	8.8	163221.7	-2123.1
4130	9.6	152219.6	-2126.9	4220	10.	154530.2	-2148.1	4310	9.4	160558.0	-2128.3	4400	9.7	163224.2	-2118.1
4131	9.3	152238.3	-2123.7	4221	9.5	154540.5	-2155.7	4311	9.7	160601.8	-2126.0	4401	9.2	163418.5	-2156.5
4132	9.8	152321.0	-2120.3	4222	10.	154547.1	-2140.1	4312	9.4	160604.3	-2131.0	4402	9.2	163421.3	-2129.7
4133	9.8	152324.0	-2142.8	4223	9.0	154557.8	-2108.1	4313	9.4	160617.8	-2121.0	4403	8.0	163426.2	-2104.2
4134	9.8	152335.7	-2144.6	4224	9.5	154617.0	-2117.1	4314	9.2	160632.4	-2112.8	4404	9.0	163430.1	-2124.5
4135	7.3	152343.8	-2127.9	4225	9.0	154618.8	-2150.3	4315	9.3	160636.8	-2145.3	4405	9.5	163439.6	-2109.7
4136	9.8	152344.1	-2116.4	4226	9.8	154618.6	-2105.0	4316	9.4	160648.8	-2124.8	4406	9.7	163512.5	-2156.0
4137	9.2	152415.0	-2118.0	4227	8.4	154735.3	-2106.1	4317	8.7	160654.9	-2112.9	4407	9.8	163711.1	-2145.7
4138	9.8	152426.3	-2104.0	4228	8.6	154808.2	-2136.2	4318	10.	160708.3	-2125.4	4408	9.4	163711.2	-2125.7
4139	9.3	152440.8	-2130.7	4229	9.0	154808.2	-2122.7	4319	9.7	160713.1	-2134.7	4409	9.5	163724.7	-2148.7
4140	9.8	152448.9	-2126.2	4230	8.5	154813.2	-2147.5	4320	9.5	160713.8	-2120.0	4410	9.5	163741.9	-2148.5
4141	10.	152510.0	-2100.7	4231	9.5	154833.3	-2113.5	4321	9.5	160723.1	-2134.9	4411	9.5	163747.0	-2157.6
4142	9.4	152558.1	-2115.3	4232	8.8	154837.2	-2109.3	4322	9.9	160747.0	-2149.6	4412	9.0	163845.8	-2130.7
4143	9.8	152600.0	-2113.3	4233	7.0	154843.2	-2103.3	4323	9.5	160820.7	-2115.4	4413	9.6	163847.6	-2152.7
4144	9.5	152600.2	-2128.9	4234	9.8	154850.1	-2151.5	4324	10.	160829.3	-2105.6	4414	8.8	163850.1	-2154.3
4145	8.3	152603.5	-2125.6	4235	9.0	154909.6	-2137.6	4325	9.8	160837.4	-2107.4	4415	9.2	163920.7	-2153.6
4146	9.8	152635.8	-2135.5	4236	9.5	154914.7	-2117.0	4326	9.8	160844.5	-2112.7	4416	9.3	163922.0	-2148.6
4147	9.2	152644.9	-2139.4	4237	9.6	154942.1	-2131.6	4327	9.3	160855.2	-2148.2	4417	9.3	163932.9	-2115.6
4148	7.5	152740.4	-2115.3	4238	10.	154944.0	-2123.3	4328	8.4	160912.2	-2132.2	4418	9.0	163936.4	-2109.8
4149	10.	152815.9	-2105.1	4239	9.4	155013.2	-2142.6	4329	9.5	161005.4	-2126.7	4419	9.3	163940.3	-2151.5
4150	9.3	152816.4	-2133.1	4240	9.5	155013.9	-2116.8	4330	8.3	161007.0	-2113.8	4420	8.0	163956.2	-2140.5
4151	9.3	152836.1	-2143.6	4241	9.4	155016.1	-2128.8	4331	9.4	161007.3	-2124.0	4421	8.5	164023.0	-2107.8
4152	7.0	152903.6	-2138.2	4242	9.5	155043.2	-2135.7	4332	9.5	161008.5	-2122.5	4422	7.0	164056.8	-2135.4
4153	9.0	152924.1	-2107.8	4243	9.1	155056.5	-2156.1	4333	9.8	161023.7	-2152.2	4423	9.0	164124.2	-2142.3
4154	9.5	152930.6	-2145.6	4244	9.5	155116.6	-2147.7	4334	8.6	161056.2	-2103.2	4424	9.8	164151.3	-2128.2
4155	9.3	152937.7	-2135.2	4245	9.4	155132.9	-2101.9	4335	9.6	161103.3	-2155.2	4425	9.8	164151.5	-2110.7
4156	10.	152947.7	-2143.3	4246	9.5	155136.1	-2157.3	4336	9.5	161116.7	-2127.7	4426	8.8	164213.7	-2157.1
4157	8.2	153007.0	-2107.3	4247	9.1	155151.2	-2104.7	4337	9.7	161138.7	-2139.8	4427	9.2	164229.7	-2153.2
4158	9.8	153020.7	-2115.5	4248	9.4	155157.9	-2154.3	4338	8.5	161154.2	-2109.2	4428	8.0	164252.4	-2124.0
4159	8.2	153032.2	-2159.3	4249	9.1	155209.1	-2150.2	4339	9.1	161154.9	-2105.9	4429	9.5	164304.8	-2133.6
4160	9.4	153136.6	-2151.0	4250	8.5	155235.0	-2145.3	4340	10.	161202.9	-2117.0	4430	9.0	164318.4	-2105.0
4161	9.8	153136.8	-2121.1	4251	9.5	155249.8	-2125.0	4341	6.8	161208.6	-2129.3	4431	9.5	164320.1	-2117.6
4162	9.2	153137.0	-2155.9	4252	9.8	155301.3	-2155.5	4342	8.3	161245.5	-2145.3	4432	9.5	164343.8	-2154.7
4163	9.5	153200.4	-2114.9	4253	9.2	155303.1	-2118.2	4343	9.2	161319.8	-2107.8	4433	9.8	164349.9	-2140.8
4164	10.	153207.7	-2121.8	4254	10.	155312.1	-2129.7	4344	9.5	161334.0	-2149.5	4434	9.4	164401.4	-2130.9
4165	8.1	153217.2	-2107.9	4255	7.3	155324.1	-2134.1	4345	8.3	161335.7	-2118.0	4435	9.5	164404.6	-2129.3
4166	10.	153221.0	-2102.5	4256	9.5	155335.4	-2117.1	4346	9.5	161343.1	-2118.0	4436	9.4	164414.4	-2103.0
4167	9.1	153231.9	-2137.0	4257	10.	155346.2	-2145.5	4347	9.5	161353.3	-2124.8	4437	9.3	164425.4	-2150.4
4168	9.5	153250.1	-2151.5	4258	9.5	155405.0	-2140.2	4348	9.9	161443.6	-2117.6	4438	8.8	164437.3	-2125.8
4169	9.5	153250.3	-2154.9	4259	9.8	155443.1	-2141.1	4349	9.8	161509.6	-2116.1	4439	20.0	164441.8	-2154.6
4170	9.2	153250.8	-2115.3	4260	9.6	155446.6	-2106.7	4350	9.6	161526.6	-2130.0	4440	9.1	164453.4	-2137.5
4171	10.	153301.6	-2134.9	4261	9.0	155454.5	-2148.4	4351	8.0	161617.3	-2153.6	4441	9.1	164535.3	-2102.5
4172	8.1	153341.3	-2125.7	4262	9.5	155512.3	-2155.3	4352	9.4	161642.5	-2135.1	4442	8.0	164559.6	-2148.4
4173	9.9	153400.3	-2108.6	4263	9.3	155527.1	-2134.1	4353	8.5	161648.6	-2120.8	4443	7.3	164559.9	-2137.8
4174	9.1	153401.5	-2128.8	4264	8.7	155532.9	-2130.9	4354	9.8	161703.0	-2122.5	4444	9.4	164620.8	-2122.5
4175	9.6	153419.0	-2120.4	4265	9.6	155536.0	-2124.8	4355	9.4	161709.5	-2111.8	4445	8.5	164627.4	-2143.4
4176	9.0	153427.9	-2126.7	4266	9.6	155637.5	-2121.4	4356	8.8	161754.2	-2127.9	4446	9.0	164644.0	-2126.3
4177	9.5	153529.2	-2116.2	4267	9.3	155639.5	-2138.2	4357	9.8	161814.3	-2113.9	4447	9.5	164647.8	-2117.9
4178	9.1	153550.8	-2154.6	4268	9.5	155706.5	-2153.1	4358	9.4	161819.7	-2121.5	4448	9.4	164652.9	-2128.0
4179	10.	153555.3	-2158.0	4269	7.5	155710.6	-2126.0	4359	9.3	161832.6	-2151.0	4449	6.5	164653.2	-2119.6
4180	8.3	153628.4	-2121.2	4270	9.1	155729.4	-2120.1	4360	7.5	161839.3	-2147.0	4450	9.4	164656.2	-2127.8

-21 4450 16h46m

-21 4451 16h47m

4451	9.5	164717.0	-2119.2	4541	8.9	170250.5	-2159.2	4631	9.3	172251.6	-2155.8	4721	9.5	173601.5	-2121.0
4452	9.5	164728.9	-2143.9	4542	9.5	170313.7	-2141.8	4632	9.3	172255.3	-2106.0	4722	8.9	173630.2	-2138.4
4453	9.2	164734.7	-2119.1	4543	8.5	170324.6	-2136.1	4633	8.8	172327.3	-2106.2	4723	9.2	173653.0	-2101.4
4454	9.3	164738.8	-2148.4	4544	6.8	170359.3	-2125.7	4634	9.5	172327.3	-2132.8	4724	10.	173658.2	-2103.5
4455	9.2	164738.9	-2108.0	4545	9.2	170418.7	-2120.5	4635	9.8	172336.9	-2116.3	4725	10.	173706.9	-2107.8
4456	9.4	164750.9	-2119.1	4546	9.8	170457.1	-2126.0	4636	9.8	172343.0	-2118.5	4726	8.9	173713.6	-2101.4
4457	10.	164757.8	-2153.2	4547	9.2	170524.2	-2114.7	4637	9.1	172348.4	-2155.9	4727	8.5	173728.6	-2132.1
4458	8.5	164806.5	-2133.7	4548	9.8	170531.2	-2109.6	4638	8.1	172356.9	-2145.5	4728	9.4	173732.1	-2125.7
4459	9.2	164813.2	-2132.1	4549	9.8	170540.7	-2102.9	4639	9.3	172409.5	-2127.7	4729	10.	173732.7	-2117.7
4460	9.5	164848.2	-2157.6	4550	8.2	170541.2	-2111.1	4640	8.9	172418.5	-2142.7	4730	8.5	173744.5	-2112.1
4461	9.8	164848.6	-2146.1	4551	9.5	170601.6	-2149.7	4641	9.0	172428.0	-2138.6	4731	8.7	173758.9	-2126.9
4462	8.2	164903.2	-2132.5	4552	9.3	170616.1	-2153.3	4642	9.2	172431.1	-2159.2	4732	10.	173800.7	-2116.5
4463	8.1	164920.1	-2109.5	4553	8.9	170618.7	-2152.4	4643	9.9	172432.9	-2157.1	4733	8.5	173802.0	-2104.8
4464	9.3	164922.7	-2154.7	4554	8.7	170624.7	-2145.3	4644	8.5	172440.0	-2111.7	4734	9.8	173810.0	-2134.8
4465	8.8	164923.6	-2123.1	4555	8.2	170627.2	-2111.8	4645	9.5	172451.3	-2111.3	4735	9.8	173829.2	-2131.4
4466	9.5	164952.3	-2153.4	4556	9.5	170638.2	-2112.7	4646	9.8	172510.0	-2138.0	4736	9.8	173829.4	-2135.0
4467	9.6	164955.7	-2153.8	4557	8.9	170713.6	-2146.2	4647	9.1	172519.6	-2104.5	4737	9.2	173846.0	-2108.1
4468	9.8	165005.4	-2108.2	4558	9.5	170722.1	-2129.9	4648	9.1	172539.0	-2143.7	4738	9.2	173848.3	-2101.3
4469	9.2	165006.8	-2132.5	4559	7.0	170743.4	-2140.8	4649	9.5	172542.3	-2100.8	4739	9.5	173918.9	-2123.1
4470	9.5	165033.2	-2156.8	4560	9.4	170743.8	-2134.8	4650	9.5	172552.4	-2127.6	4740	9.5	173924.0	-2116.2
4471	9.0	165038.3	-2116.2	4561	9.5	170806.5	-2152.9	4651	9.8	172558.4	-2146.5	4741	9.1	173929.5	-2139.7
4472	9.5	165053.6	-2135.8	4562	9.5	170839.6	-2115.1	4652	9.8	172604.4	-2145.7	4742	10.	173933.4	-2120.1
4473	9.5	165055.7	-2145.1	4563	9.5	170847.1	-2123.4	4653	9.7	172613.9	-2123.0	4743	9.6	173958.3	-2116.8
4474	9.2	165100.8	-2113.4	4564	9.3	170942.6	-2117.3	4654	8.8	172619.3	-2106.9	4744	9.8	174009.4	-2103.1
4475	9.1	165112.3	-2120.0	4565	9.5	170954.2	-2130.9	4655	9.1	172621.0	-2122.8	4745	9.8	174013.4	-2127.7
4476	9.0	165120.6	-2155.4	4566	9.2	170956.4	-2153.4	4656	9.5	172625.4	-2145.9	4746	9.5	174029.3	-2154.9
4477	9.3	165141.2	-2154.5	4567	8.8	170958.2	-2125.9	4657	9.4	172633.5	-2147.0	4747	9.1	174102.7	-2123.3
4478	7.0	165150.6	-2113.8	4568	9.8	171000.5	-2150.8	4658	9.3	172633.9	-2147.7	4748	10.	174106.3	-2107.6
4479	9.4	165206.2	-2118.1	4569	9.5	171004.5	-2143.9	4659	6.5	172635.2	-2156.0	4749	9.5	174112.1	-2129.7
4480	9.5	165207.0	-2123.0	4570	9.7	171009.6	-2115.7	4660	9.4	172703.0	-2112.2	4750	9.4	174142.9	-2111.5
4481	9.4	165246.7	-2150.2	4571	9.5	171017.9	-2103.6	4661	9.4	172707.5	-2139.2	4751	8.7	174155.8	-2152.6
4482	9.6	165250.9	-2131.3	4572	9.0	171032.6	-2159.7	4662	9.0	172709.1	-2105.3	4752	8.9	174203.9	-2144.1
4483	9.5	165254.2	-2136.1	4573	10.	171048.3	-2157.0	4663	10.	172714.2	-2106.2	4753	9.5	174206.2	-2136.3
4484	9.4	165257.8	-2142.8	4574	9.5	171108.4	-2147.1	4664	9.8	172735.5	-2122.5	4754	10.	174209.4	-2125.7
4485	9.5	165300.8	-2124.9	4575	10.	171115.8	-2134.8	4665	9.3	172739.4	-2151.7	4755	9.8	174220.8	-2115.2
4486	9.7	165301.7	-2141.6	4576	9.2	171116.4	-2109.6	4666	9.4	172748.5	-2112.2	4756	9.8	174226.1	-2121.7
4487	9.5	165309.6	-2149.5	4577	8.7	171117.9	-2122.4	4667	9.6	172821.1	-2142.0	4757	9.7	174236.2	-2120.8
4488	9.2	165313.3	-2110.1	4578	9.6	171123.6	-2158.7	4668	9.4	172834.1	-2102.1	4758	9.5	174255.7	-2107.5
4489	9.3	165321.8	-2104.7	4579	10.	171127.7	-2119.9	4669	9.5	172837.6	-2137.2	4759	10.	174257.0	-2121.6
4490	9.5	165330.9	-2127.8	4580	9.3	171142.6	-2126.5	4670	9.0	172839.3	-2126.7	4760	8.3	174309.5	-2100.9
4491	9.5	165346.6	-2147.3	4581	9.5	171203.6	-2110.2	4671	9.4	172844.0	-2158.6	4761	10.	174310.4	-2148.2
4492	9.8	165436.8	-2124.2	4582	9.5	171217.1	-2128.9	4672	9.5	172845.3	-2105.9	4762	9.4	174344.5	-2140.8
4493	9.0	165458.3	-2110.8	4583	9.5	171217.2	-2103.1	4673	9.5	172855.2	-2104.5	4763	9.6	174355.0	-2105.0
4494	8.9	165504.1	-2111.7	4584	9.8	171220.6	-2130.7	4674	8.1	172902.0	-2109.9	4764	9.5	174355.7	-2122.2
4495	9.3	165505.6	-2146.1	4585	9.0	171222.1	-2114.3	4675	9.2	172919.1	-2125.1	4765	9.5	174400.4	-2149.3
4496	9.0	165508.3	-2118.4	4586	9.4	171233.6	-2138.4	4676	9.5	172926.0	-2159.5	4766	9.5	174408.4	-2129.8
4497	9.8	165530.3	-2113.8	4587	8.6	171241.3	-2124.3	4677	8.9	172926.8	-2129.0	4767	9.0	174424.9	-2122.1
4498	10.	165534.6	-2144.3	4588	9.0	171252.4	-2147.2	4678	9.5	172939.9	-2135.6	4768	9.1	174446.9	-2144.0
4499	9.5	165535.8	-2122.3	4589	9.1	171322.6	-2108.7	4679	9.1	172940.7	-2117.9	4769	8.5	174453.0	-2106.4
4500	9.8	165546.2	-2139.3	4590	10.	171324.7	-2117.7	4680	9.3	172943.1	-2125.3	4770	9.8	174508.4	-2124.0
4501	9.8	165553.3	-2122.9	4591	9.5	171348.4	-2149.9	4681	9.8	172953.1	-2104.5	4771	8.7	174555.1	-2124.4
4502	8.8	165602.4	-2133.8	4592	9.4	171450.0	-2148.2	4682	6.3	173002.5	-2149.4	4772	9.5	174618.4	-2141.1
4503	9.1	165627.5	-2147.7	4593	9.5	171454.0	-2117.0	4683	9.1	173004.0	-2120.1	4773	9.7	174630.8	-2127.7
4504	9.5	165631.0	-2120.9	4594	8.2	171455.7	-2134.2	4684	9.0	173007.3	-2134.3	4774	9.4	174632.4	-2147.5
4505	6.9	165648.8	-2151.9	4595	8.8	171508.3	-2129.5	4685	9.5	173015.2	-2103.3	4775	9.8	174641.1	-2107.9
4506	9.3	165652.0	-2129.9	4596	9.5	171511.3	-2156.2	4686	9.5	173020.0	-2109.8	4776	10.	174646.2	-2102.3
4507	9.5	165700.1	-2105.4	4597	6.5	171601.8	-2117.9	4687	9.8	173027.4	-2117.7	4777	9.7	174706.9	-2126.7
4508	7.2	165704.8	-2103.7	4598	8.3	171629.8	-2145.4	4688	9.0	173049.0	-2123.5	4778	9.3	174707.9	-2122.9
4509	10.	165720.8	-2142.3	4599	9.7	171635.9	-2155.3	4689	9.5	173051.3	-2157.2	4779	7.2	174738.7	-2155.4
4510	9.8	165721.5	-2112.0	4600	9.6	171637.7	-2157.6	4690	9.5	173100.2	-2100.2	4780	9.0	174738.7	-2147.2
4511	9.0	165732.3	-2106.7	4601	9.0	171654.4	-2102.3	4691	9.8	173102.6	-2132.7	4781	9.2	174743.1	-2125.0
4512	6.0	165733.1	-2121.1	4602	8.5	171655.5	-2129.6	4692	9.5	173105.4	-2133.2	4782	9.5	174746.0	-2108.5
4513	8.5	165735.8	-2103.2	4603	9.5	171702.6	-2129.5	4693	9.7	173116.7	-2140.3	4783	9.5	174746.4	-2113.4
4514	9.6	165756.7	-2133.7	4604	8.9	171718.0	-2117.0	4694	9.6	173130.3	-2101.7	4784	9.5	174756.1	-2144.2
4515	9.5	165804.8	-2110.0	4605	9.0	171742.0	-2115.3	4695	9.8	173130.9	-2116.3	4785	9.5	174756.2	-2136.0
4516	9.2	165816.3	-2139.1	4606	9.3	171800.7	-2118.7	4696	9.7	173134.0	-2116.6	4786	9.5	174821.0	-2108.3
4517	9.5	165844.4	-2133.7	4607	7.5	171802.5	-2120.2	4697	9.4	173228.5	-2121.6	4787	9.5	174831.9	-2110.4
4518	10.	165847.9	-2130.7	4608	8.5	171803.0	-2116.7	4698	9.0	173234.4	-2111.7	4788	9.8	174838.6	-2134.2
4519	9.8	165900.2	-2156.0	4609	9.2	171812.6	-2103.2	4699	9.8	173238.0	-2145.0	4789	9.5	174847.4	-2121.0
4520	9.5	165927.8	-2107.4	4610	9.5	171813.8	-2129.4	4700	9.4	173243.3	-2128.4	4790	9.6	174857.2	-2156.1
4521	9.5	165949.7	-2108.5	4611	9.8	171824.5	-2139.8	4701	8.8	173246.5	-2151.9	4791	9.3	174857.3	-2141.9
4522	9.5	170021.8	-2118.7	4612	10.	171846.4	-2145.2	4702	9.8	173303.0	-2123.5	4792	9.5	174910.7	-2140.3
4523	9.7	170025.2	-2132.6	4613	9.5	171911.1	-2106.6	4703	9.8	173307.4	-2117.1	4793	9.1	174930.0	-2158.8
4524	9.5	170041.4	-2151.6	4614	9.2	171935.4	-2153.7	4704	9.8	173317.0	-2114.9	4794	9.4	174944.7	-2114.8
4525	10.	170101.1	-2159.0	4615	9.5	171938.0	-2147.2	4705	9.4	173325.3	-2151.5	4795	9.5	174947.4	-2150.0
4526	9.0	170111.3	-2135.8	4616	9.5	171940.6	-2128.2	4706	9.1	173334.2	-2138.7	4796	9.1	175002.6	-2145.5
4527	10.	170113.9	-2116.9	4617	9.0	171953.8	-2118.7	4707	9.3	173337.5	-2113.1	4797	9.7	175013.4	-2107.5
4528	9.5	170116.7	-2136.6	4618	10.	171959.6	-2128.9	4708	9.7	173411.5	-2130.6	4798	9.5	175017.6	-2107.6
4529	9.7	170135.7	-2112.8	4619	9.8	172009.2	-2125.7	4709	9.6	173417.5	-2107.4	4799	9.7	175019.6	-2112.2
4530	10.	170137.8	-2127.2	4620	9.6	172027.5	-2118.1	4710	9.5	173430.9	-2146.0	4800	9.5	175020.7	-2149.0
4531	9.0	170140.7	-2124.0	4621	9.5	172029.9	-2152.2	4711	9.3	173443.9	-2121.4	4801	9.7	175023.5	-2122.0
4532	9.5	170142.6	-2147.3	4622	9.0	172036.0	-2107.1	4712	5.2	173445.0	-2136.1	4802	9.3	175029.9	-2147.4
4533	9.9	170157.2	-2125.5	4623	9.6	172040.8	-2116.4	4713	9.4	173506.8	-2119.8	4803	10.	175037.0	-2125.1
4534	8.5	170202.2	-2148.9	4624	9.3	172054.5	-2101.8	4714	9.7	173535.3	-2156.4	4804	9.7	175040.2	-2108.5
4535	9.5	170225.6	-2145.2	4625	9.3	172153.9	-2150.4	4715	8.7	173538.4	-2139.2	4805	9.4	175047.8	-2116.0
4536	9.6	170229.8	-2134.0	4626	8.3	172223.1	-2121.4	4716	8.9	173540.0	-2123.0	4806	8.0	175052.0	-2101.9
4537	9.5	170232.0	-2133.2	4627	9.5	172231.3	-2154.7	4717	9.8	173552.6	-2106.0	4807	9.8	175058.7	-2154.3
4538	9.2	170236.7	-2102.3	4628	8.8	172245.8	-2127.1	4718	9.7	173555.9	-2130.1	4808	9.6	175100.4	-2131.4
4539	8.7	170238.7	-2110.8	4629	10.	172248.4	-2145.7	4719	9.5	173558.4	-2149.7	4809	9.8	175112.9	-2110.2
4540	8.5	170244.7	-2142.4	4630	9.2	172250.4	-2124.5	4720	8.7	173558.4	-2157.0	4810	9.0	175124.8	-2143.1

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4811	10.	175129.5	-2109.2	4901	10.	180403.9	-2145.4	4991	9.5	181655.9	-2152.1	5081	6.0	183014.9	-2109.9
4812	9.1	175130.7	-2108.0	4902	9.8	180426.8	-2122.4	4992	8.5	181659.4	-2106.2	5082	9.3	183015.7	-2116.1
4813	9.0	175141.0	-2127.1	4903	8.8	180431.8	-2144.7	4993	9.4	181703.1	-2157.3	5083	10.	183018.5	-2154.4
4814	9.5	175154.4	-2125.0	4904	8.5	180431.9	-2117.3	4994	9.9	181707.4	-2147.8	5084	9.4	183020.8	-2109.6
4815	10.	175157.5	-2139.8	4905	9.9	180455.0	-2103.9	4995	9.1	181716.5	-2136.4	5085	9.0	183028.9	-2158.5
4816	9.5	175220.9	-2116.6	4906	9.4	180456.9	-2118.6	4996	9.5	181729.0	-2109.3	5086	9.5	183030.5	-2124.6
4817	9.8	175249.9	-2108.1	4907	9.5	180503.5	-2104.8	4997	9.4	181735.4	-2132.9	5087	9.4	183036.0	-2153.3
4818	9.4	175303.4	-2107.7	4908	4.0	180506.1	-2105.2	4998	9.5	181739.7	-2116.0	5088	8.8	183049.3	-2108.6
4819	9.5	175306.3	-2132.3	4909	9.0	180509.0	-2105.6	4999	9.8	181740.0	-2107.3	5089	8.9	183059.4	-2101.9
4820	9.8	175311.5	-2107.5	4910	9.0	180512.3	-2151.1	5000	9.5	181745.1	-2123.2	5090	8.2	183124.0	-2105.4
4821	9.1	175328.4	-2145.0	4911	9.8	180514.9	-2111.2	5001	9.5	181749.6	-2127.2	5091	10.	183125.0	-2120.7
4822	9.5	175329.9	-2132.6	4912	9.8	180515.5	-2125.8	5002	9.2	181755.4	-2151.9	5092	9.2	183127.7	-2120.6
4823	8.6	175338.1	-2157.3	4913	9.8	180530.8	-2131.1	5003	9.5	181756.7	-2120.3	5093	9.5	183128.6	-2128.1
4824	10.	175346.4	-2146.3	4914	9.7	180531.4	-2140.0	5004	9.2	181809.0	-2136.0	5094	9.5	183148.9	-2134.9
4825	9.7	175355.1	-2158.4	4915	9.8	180533.4	-2120.6	5005	9.0	181837.9	-2145.0	5095	9.8	183150.1	-2114.6
4826	8.0	175357.5	-2130.0	4916	6.3	180533.9	-2144.8	5006	9.5	181859.6	-2148.7	5096	8.5	183158.3	-2136.8
4827	9.7	175402.2	-2159.4	4917	9.1	180557.6	-2145.8	5007	9.5	181859.7	-2144.6	5097	8.5	183201.2	-2147.1
4828	9.5	175407.9	-2158.9	4918	9.3	180557.6	-2149.5	5008	9.5	181904.4	-2124.4	5098	9.2	183205.1	-2115.2
4829	9.5	175418.7	-2129.2	4919	9.1	180558.4	-2152.5	5009	9.8	181913.4	-2127.1	5099	9.4	183206.4	-2117.5
4830	9.8	175428.4	-2130.3	4920	9.2	180601.2	-2140.1	5010	8.5	181918.2	-2140.2	5100	9.5	183210.6	-2110.8
4831	9.8	175435.7	-2156.0	4921	9.5	180619.3	-2122.9	5011	9.7	181925.7	-2134.5	5101	9.9	183239.3	-2126.8
4832	9.2	175505.7	-2150.1	4922	9.8	180625.1	-2138.9	5012	9.0	181926.6	-2126.1	5102	9.6	183245.4	-2127.5
4833	9.3	175511.3	-2151.5	4923	9.8	180644.3	-2133.0	5013	8.7	181928.9	-2119.0	5103	9.5	183307.8	-2103.1
4834	9.8	175517.1	-2149.7	4924	9.5	180649.6	-2156.3	5014	9.5	181946.2	-2106.4	5104	8.3	183318.7	-2127.1
4835	9.5	175520.2	-2109.4	4925	9.5	180715.5	-2134.1	5015	8.8	181946.6	-2124.9	5105	10.	183328.2	-2133.4
4836	9.3	175542.8	-2117.0	4926	9.8	180728.6	-2153.0	5016	9.3	181951.4	-2110.0	5106	9.6	183343.4	-2110.9
4837	9.5	175609.8	-2154.7	4927	9.8	180731.4	-2147.2	5017	9.2	182005.0	-2143.5	5107	9.5	183350.3	-2112.6
4838	9.8	175631.3	-2129.1	4928	9.7	180732.3	-2157.5	5018	9.3	182008.7	-2105.0	5108	8.8	183353.8	-2117.5
4839	8.5	175640.4	-2140.0	4929	10.	180741.2	-2100.1	5019	8.5	182010.8	-2127.1	5109	9.1	183404.3	-2112.0
4840	9.5	175645.3	-2156.3	4930	9.5	180748.3	-2148.1	5020	9.2	182018.2	-2136.2	5110	9.6	183416.2	-2125.9
4841	9.4	175647.4	-2156.6	4931	9.7	180748.5	-2126.2	5021	9.7	182038.2	-2155.5	5111	9.6	183422.1	-2125.9
4842	8.5	175647.8	-2108.7	4932	9.8	180801.8	-2159.3	5022	8.5	182045.7	-2143.3	5112	9.5	183422.6	-2152.8
4843	9.3	175649.1	-2133.0	4933	9.3	180814.3	-2156.4	5023	9.6	182047.4	-2113.8	5113	9.4	183422.8	-2109.2
4844	9.2	175649.3	-2129.8	4934	9.3	180824.0	-2158.2	5024	9.6	182104.2	-2149.2	5114	9.3	183430.8	-2111.8
4845	9.5	175704.4	-2131.5	4935	9.8	180855.1	-2107.1	5025	7.5	182111.8	-2102.6	5115	9.8	183433.4	-2135.6
4846	9.4	175721.2	-2158.9	4936	9.7	180856.9	-2111.2	5026	9.6	182138.3	-2117.0	5116	9.9	183437.3	-2121.9
4847	9.5	175723.1	-2120.1	4937	9.5	180919.3	-2152.6	5027	8.0	182152.3	-2150.6	5117	8.8	183442.4	-2127.5
4848	8.8	175729.0	-2127.9	4938	9.5	180929.5	-2118.1	5028	9.5	182205.6	-2129.0	5118	7.5	183453.9	-2103.3
4849	10.	175739.5	-2140.3	4939	9.9	180938.4	-2146.0	5029	8.7	182218.0	-2136.9	5119	10.	183513.6	-2138.9
4850	10.	175746.5	-2140.3	4940	9.6	180939.2	-2137.3	5030	9.3	182234.0	-2152.4	5120	9.2	183514.3	-2113.1
4851	9.4	175755.4	-2107.2	4941	9.8	180941.9	-2148.6	5031	9.5	182243.5	-2134.5	5121	9.5	183518.9	-2150.4
4852	8.8	175806.5	-2103.9	4942	9.2	181005.7	-2117.5	5032	8.5	182248.2	-2120.8	5122	9.7	183536.3	-2133.3
4853	8.2	175809.3	-2130.9	4943	8.9	181011.0	-2130.6	5033	10.	182255.1	-2149.6	5123	9.7	183539.3	-2158.4
4854	9.8	175827.4	-2109.2	4944	9.5	181017.0	-2105.7	5034	9.5	182303.2	-2135.0	5124	10.	183540.5	-2146.6
4855	6.4	175829.1	-2126.7	4945	9.3	181017.3	-2121.2	5035	9.8	182306.4	-2149.8	5125	10.	183541.4	-2123.3
4856	9.2	175832.6	-2115.3	4946	9.2	181018.5	-2135.9	5036	9.2	182310.8	-2161.1	5126	9.5	183541.7	-2104.9
4857	9.3	175837.8	-2159.6	4947	9.4	181025.3	-2122.2	5037	9.3	182335.1	-2148.9	5127	8.2	183558.9	-2106.5
4858	8.2	175840.1	-2112.5	4948	9.8	181041.9	-2120.5	5038	9.5	182340.7	-2107.4	5128	9.1	183615.9	-2130.5
4859	9.3	175849.9	-2140.5	4949	9.5	181103.1	-2154.7	5039	9.5	182344.1	-2112.7	5129	9.0	183621.8	-2140.2
4860	9.8	175853.4	-2114.6	4950	9.2	181109.3	-2147.1	5040	9.5	182354.9	-2119.1	5130	9.0	183622.2	-2153.7
4861	8.7	175858.9	-2152.2	4951	9.4	181110.4	-2139.7	5041	9.0	182356.3	-2110.4	5131	6.8	183638.9	-2108.4
4862	9.5	175914.0	-2119.8	4952	9.2	181127.2	-2133.3	5042	9.9	182422.1	-2117.0	5132	9.3	183707.9	-2109.3
4863	9.8	175941.8	-2123.8	4953	9.1	181130.4	-2120.5	5043	9.8	182428.6	-2138.7	5133	9.1	183723.8	-2120.0
4864	7.8	175947.9	-2115.7	4954	9.3	181135.5	-2132.4	5044	10.	182432.6	-2156.8	5134	9.7	183802.5	-2152.5
4865	9.1	175950.4	-2139.0	4955	9.5	181156.9	-2126.4	5045	10.	182433.6	-2106.5	5135	9.5	183814.1	-2140.2
4866	6.8	175956.0	-2127.8	4956	9.1	181206.0	-2101.0	5046	9.9	182439.2	-2124.0	5136	9.9	183815.4	-2143.0
4867	9.5	180004.4	-2115.6	4957	9.6	181211.4	-2101.6	5047	9.5	182443.0	-2108.0	5137	9.2	183842.4	-2117.3
4868	9.4	180010.9	-2117.3	4958	9.7	181226.8	-2159.2	5048	8.8	182455.1	-2120.3	5138	8.8	183918.4	-2107.1
4869	8.7	180013.8	-2125.0	4959	9.5	181227.6	-2152.3	5049	9.4	182520.2	-2124.7	5139	9.4	183924.1	-2126.4
4870	9.6	180019.3	-2145.0	4960	9.2	181233.9	-2142.7	5050	9.5	182526.7	-2132.7	5140	9.5	183945.0	-2151.6
4871	9.0	180023.0	-2125.3	4961	9.1	181236.7	-2125.9	5051	9.8	182532.5	-2107.8	5141	9.1	183948.8	-2130.1
4872	9.5	180024.1	-2154.0	4962	9.3	181316.4	-2146.2	5052	9.0	182538.4	-2139.3	5142	9.4	183956.4	-2117.8
4873	8.9	180041.8	-2131.6	4963	9.1	181318.5	-2108.9	5053	10.	182550.6	-2155.6	5143	10.	183956.7	-2101.9
4874	9.7	180045.9	-2118.4	4964	9.4	181322.1	-2126.2	5054	9.7	182551.2	-2133.3	5144	9.4	183958.1	-2144.3
4875	9.0	180047.0	-2135.4	4965	9.8	181327.4	-2145.7	5055	9.4	182554.8	-2111.2	5145	9.7	184004.5	-2121.4
4876	9.5	180051.5	-2134.3	4966	9.0	181348.4	-2126.4	5056	9.1	182628.6	-2147.0	5146	9.8	184011.2	-2135.7
4877	9.3	180113.8	-2158.3	4967	9.5	181348.8	-2103.3	5057	9.1	182630.9	-2128.1	5147	10.	184012.8	-2158.0
4878	9.5	180127.4	-2104.2	4968	9.3	181357.5	-2109.0	5058	9.5	182631.8	-2153.2	5148	9.8	184031.7	-2152.3
4879	9.0	180133.3	-2120.5	4969	8.5	181403.4	-2138.7	5059	9.8	182645.4	-2105.5	5149	9.5	184039.9	-2126.8
4880	9.8	180139.4	-2140.3	4970	9.8	181409.3	-2148.5	5060	9.0	182647.7	-2120.3	5150	9.8	184050.8	-2103.3
4881	9.8	180141.1	-2116.1	4971	10.	181430.9	-2143.2	5061	9.4	182704.3	-2108.5	5151	9.5	184058.0	-2103.0
4882	9.4	180141.7	-2117.8	4972	9.6	181449.3	-2151.2	5062	9.4	182724.5	-2133.4	5152	9.5	184101.0	-2159.7
4883	9.5	180206.3	-2156.8	4973	9.5	181450.8	-2138.1	5063	9.4	182740.0	-2128.9	5153	9.5	184111.5	-2158.7
4884	8.5	180206.6	-2120.0	4974	8.3	181452.7	-2143.8	5064	9.3	182744.6	-2148.2	5154	9.5	184139.8	-2108.6
4885	8.7	180213.4	-2113.6	4975	9.4	181456.3	-2136.8	5065	9.5	182751.6	-2148.8	5155	9.9	184140.9	-2120.2
4886	9.8	180218.9	-2102.3	4976	9.0	181503.6	-2159.2	5066	9.4	182754.7	-2141.5	5156	9.5	184152.6	-2111.9
4887	9.5	180221.1	-2128.0	4977	9.5	181509.1	-2121.9	5067	9.2	182807.8	-2107.0	5157	9.8	184209.0	-2120.8
4888	9.3	180228.9	-2114.7	4978	9.5	181525.1	-2153.1	5068	9.2	182818.9	-2109.4	5158	9.4	184242.9	-2117.9
4889	9.7	180247.8	-2122.5	4979	9.4	181534.4	-2112.5	5069	9.0	182819.5	-2145.8	5159	9.3	184245.8	-2152.7
4890	9.6	180254.4	-2111.6	4980	9.2	181549.1	-2158.5	5070	8.5	182846.8	-2136.5	5160	9.2	184251.0	-2137.0
4891	9.3	180305.5	-2127.7	4981	9.2	181552.6	-2155.1	5071	8.3	182849.2	-2149.2	5161	9.0	184258.0	-2104.1
4892	9.6	180308.1	-2113.0	4982	9.6	181557.8	-2152.0	5072	9.5	182850.3	-2123.0	5162	9.1	184303.3	-2150.8
4893	9.8	180326.9	-2107.4	4983	9.8	181609.6	-2133.1	5073	9.7	182856.7	-2125.6	5163	9.0	184311.0	-2141.5
4894	9.2	180332.6	-2115.7	4984	9.6	181613.5	-2140.0	5074	8.8	182858.7	-2131.7	5164	8.8	184311.1	-2101.7
4895	9.6	180338.5	-2128.3	4985	9.5	181615.9	-2111.6	5075	8.8	182911.1	-2152.4	5165	9.4	184315.2	-2152.2
4896	9.5	180340.1	-2109.4	4986	10.	181622.6	-2133.4	5076	6.3	182914.0	-2130.8	5166	9.0	184341.3	-2103.5
4897	9.4	180340.2	-2108.3	4987	9.4	181630.7	-2128.4	5077	9.5	182932.2	-2147.0	5167	9.4	184344.0	-2106.4
4898	9.6	180347.4	-2129.9	4988	10.	181632.5	-2158.3	5078	9.1	182943.0	-2133.5	5168	9.3	184350.7	-2135.6
4899	9.8	180347.8	-2120.6	4989	9.1	181637.9	-2148.6	5079	8.9	182946.8	-2117.6	5169	9.4	184407.5	-2135.4
4900	8.7	180359.3	-2101.3	4990	9.5	181654.2	-2144.0	5080	9.4	182954.3	-2156.9	5170	8.5	184438.8	-2154.0

5171	9.1	184443.5	-2129.7	5261	8.5	185920.6	-2154.7	5351	8.3	191215.2	-2148.2	5441	9.5	192617.0	-2140.4
5172	10.	184450.4	-2159.2	5262	9.0	185920.9	-2102.5	5352	10.	191223.0	-2113.7	5442	9.4	192618.1	-2134.4
5173	8.3	184459.4	-2113.3	5263	9.5	185922.2	-2117.4	5353	9.8	191236.5	-2127.1	5443	10.	192621.7	-2116.3
5174	9.9	184505.0	-2139.5	5264	9.5	185929.1	-2127.6	5354	9.6	191237.0	-2130.9	5444	6.8	192700.3	-2105.1
5175	9.4	184517.7	-2138.9	5265	9.8	185953.7	-2101.7	5355	9.4	191239.8	-2150.1	5445	9.1	192709.4	-2125.6
5176	6.2	184520.2	-2131.8	5266	7.8	185956.9	-2112.8	5356	9.9	191246.8	-2135.3	5446	9.1	192712.2	-2142.0
5177	8.5	184530.0	-2105.8	5267	8.7	185959.8	-2127.9	5357	9.6	191248.0	-2126.5	5447	8.8	192716.5	-2114.1
5178	9.1	184545.0	-2128.7	5268	9.0	190014.4	-2107.2	5358	9.8	191253.6	-2142.9	5448	9.2	192732.3	-2133.3
5179	9.5	184547.5	-2140.3	5269	9.5	190022.8	-2142.4	5359	8.5	191314.0	-2154.7	5449	9.5	192749.7	-2158.5
5180	9.5	184548.3	-2132.1	5270	9.5	190036.7	-2107.4	5360	9.8	191324.6	-2105.2	5450	9.0	192821.2	-2148.7
5181	9.5	184605.1	-2114.3	5271	9.1	190043.3	-2122.7	5361	9.5	191335.1	-2127.6	5451	8.3	192827.3	-2157.1
5182	9.5	184612.8	-2133.4	5272	9.5	190044.2	-2113.9	5362	9.5	191336.0	-2146.7	5452	9.4	192833.6	-2151.4
5183	8.8	184640.0	-2101.2	5273	8.5	190101.1	-2141.5	5363	9.6	191342.0	-2153.1	5453	10.	192834.6	-2105.5
5184	8.8	184646.4	-2105.1	5274	9.2	190104.9	-2138.9	5364	9.6	191350.9	-2151.2	5454	9.3	192836.5	-2137.4
5185	9.4	184701.5	-2139.7	5275	8.0	190109.1	-2114.6	5365	9.5	191401.7	-2117.7	5455	9.5	192848.7	-2113.2
5186	9.4	184701.9	-2103.7	5276	8.7	190145.3	-2132.5	5366	9.5	191409.5	-2102.5	5456	9.5	192859.2	-2113.6
5187	9.6	184702.5	-2138.4	5277	9.5	190153.2	-2116.4	5367	9.1	191423.5	-2103.8	5457	9.5	192900.0	-2110.0
5188	9.5	184718.0	-2112.0	5278	8.7	190154.4	-2154.3	5368	9.5	191434.5	-2149.6	5458	9.4	192905.3	-2113.9
5189	10.	184727.3	-2138.0	5279	9.2	190157.4	-2136.4	5369	9.2	191434.8	-2131.1	5459	9.0	192911.8	-2107.7
5190	9.5	184731.4	-2157.0	5280	9.5	190208.7	-2127.4	5370	9.5	191441.6	-2135.3	5460	9.8	192932.3	-2132.3
5191	9.2	184737.4	-2139.5	5281	9.1	190214.8	-2126.5	5371	9.8	191502.8	-2134.3	5461	9.7	192935.1	-2119.8
5192	9.7	184745.3	-2159.9	5282	9.5	190228.3	-2106.1	5372	9.5	191509.1	-2130.2	5462	9.3	192936.7	-2139.4
5193	9.3	184748.5	-2109.2	5283	9.4	190238.1	-2155.0	5373	9.5	191528.4	-2119.4	5463	10.	193003.6	-2129.4
5194	9.7	184755.0	-2103.3	5284	9.4	190239.4	-2102.0	5374	9.5	191531.4	-2123.0	5464	9.8	193006.7	-2122.8
5195	9.4	184803.4	-2119.9	5285	9.5	190242.0	-2113.5	5375	9.4	191537.9	-2134.5	5465	9.5	193007.0	-2133.4
5196	9.4	184827.3	-2129.9	5286	8.9	190243.2	-2120.4	5376	9.8	191545.5	-2105.7	5466	9.5	193028.8	-2129.1
5197	9.4	184827.5	-2127.7	5287	9.5	190247.1	-2129.8	5377	9.5	191551.5	-2130.5	5467	9.7	193046.4	-2102.6
5198	9.5	184840.9	-2111.2	5288	10.	190256.8	-2148.5	5378	9.5	191552.4	-2140.7	5468	9.4	193054.1	-2153.7
5199	9.5	184854.0	-2157.3	5289	10.	190305.7	-2157.1	5379	9.5	191605.6	-2108.2	5469	10.	193059.8	-2138.5
5200	8.5	184858.0	-2120.1	5290	8.0	190323.4	-2119.2	5380	9.5	191615.7	-2125.4	5470	9.1	193103.1	-2128.8
5201	4.0	184904.3	-2116.8	5291	9.6	190339.2	-2124.8	5381	9.4	191635.3	-2135.5	5471	8.7	193106.9	-2155.9
5202	8.5	184906.4	-2155.2	5292	7.9	190347.9	-2153.6	5382	10.	191651.2	-2133.0	5472	8.8	193117.1	-2139.6
5203	9.4	184917.9	-2156.1	5293	9.8	190349.8	-2114.3	5383	9.5	191712.0	-2113.4	5473	8.3	193118.5	-2119.8
5204	9.1	184932.8	-2146.1	5294	9.5	190359.4	-2158.0	5384	9.3	191720.7	-2107.5	5474	9.3	193127.1	-2157.2
5205	9.5	185000.9	-2127.3	5295	9.9	190359.5	-2134.3	5385	9.6	191724.4	-2153.6	5475	9.8	193141.7	-2121.5
5206	9.5	185022.2	-2115.9	5296	9.5	190410.3	-2105.4	5386	8.2	191729.2	-2149.4	5476	8.0	193142.2	-2137.8
5207	8.3	185035.1	-2125.2	5297	9.3	190425.9	-2128.1	5387	9.5	191745.9	-2121.6	5477	8.3	193159.0	-2134.8
5208	9.3	185042.3	-2131.7	5298	9.4	190426.4	-2117.9	5388	7.5	191751.3	-2131.7	5478	10.	193211.8	-2116.8
5209	9.2	185045.1	-2123.9	5299	9.3	190434.5	-2121.7	5389	9.1	191805.2	-2158.5	5479	8.0	193215.4	-2110.0
5210	9.3	185110.8	-2156.3	5300	9.6	190455.7	-2130.5	5390	8.3	191828.4	-2154.5	5480	9.6	193227.9	-2154.7
5211	10.	185126.0	-2105.1	5301	8.8	190521.6	-2126.8	5391	9.5	191831.3	-2111.1	5481	9.5	193234.4	-2156.1
5212	9.7	185127.0	-2112.4	5302	10.	190544.3	-2123.6	5392	9.4	191855.2	-2127.0	5482	8.5	193309.1	-2153.4
5213	9.5	185129.4	-2101.9	5303	9.1	190559.4	-2128.8	5393	9.5	191901.4	-2132.0	5483	9.8	193310.0	-2149.4
5214	9.4	185133.1	-2156.7	5304	9.4	190604.2	-2152.7	5394	9.0	191908.5	-2100.9	5484	8.7	193315.8	-2110.3
5215	9.8	185202.5	-2136.1	5305	9.1	190613.8	-2127.7	5395	9.3	191917.5	-2152.9	5485	9.5	193317.8	-2110.7
5216	9.1	185208.2	-2145.5	5306	9.4	190628.2	-2159.0	5396	9.2	191922.6	-2126.1	5486	9.1	193320.3	-2111.8
5217	9.8	185211.1	-2129.6	5307	9.2	190646.9	-2115.7	5397	10.	191930.4	-2129.9	5487	9.4	193330.9	-2101.8
5218	9.8	185213.4	-2138.8	5308	9.4	190704.3	-2118.1	5398	9.5	191942.6	-2125.9	5488	9.3	193335.3	-2158.5
5219	9.5	185226.2	-2109.7	5309	9.5	190710.8	-2149.5	5399	9.2	191958.6	-2117.0	5489	9.0	193340.1	-2130.0
5220	9.8	185259.7	-2152.8	5310	9.5	190713.4	-2133.0	5400	9.9	192005.7	-2106.0	5490	10.	193352.5	-2148.4
5221	8.8	185308.7	-2103.2	5311	9.5	190719.7	-2154.5	5401	9.8	192007.6	-2119.3	5491	9.5	193401.4	-2104.5
5222	9.4	185310.0	-2153.9	5312	8.6	190726.9	-2112.0	5402	9.5	192014.9	-2111.8	5492	9.5	193416.0	-2145.0
5223	9.3	185331.1	-2151.3	5313	9.5	190734.0	-2145.0	5403	9.5	192044.2	-2122.5	5493	9.5	193421.1	-2133.3
5224	9.5	185339.4	-2128.4	5314	9.5	190739.4	-2133.0	5404	9.1	192046.7	-2147.1	5494	8.3	193422.8	-2149.1
5225	9.5	185355.1	-2125.1	5315	8.8	190741.6	-2111.5	5405	8.2	192106.4	-2128.0	5495	9.3	193427.3	-2142.1
5226	9.5	185355.2	-2131.8	5316	9.5	190747.1	-2132.3	5406	9.5	192117.4	-2158.1	5496	9.2	193435.5	-2100.7
5227	9.5	185432.2	-2118.0	5317	9.5	190749.8	-2102.5	5407	9.4	192140.1	-2156.7	5497	9.9	193451.2	-2124.2
5228	9.5	185435.7	-2144.9	5318	9.4	190752.0	-2136.1	5408	8.0	192145.2	-2107.9	5498	9.0	193511.5	-2130.4
5229	9.0	185450.8	-2112.6	5319	9.1	190757.8	-2110.7	5409	9.8	192150.6	-2112.5	5499	9.4	193528.6	-2118.4
5230	9.5	185526.5	-2147.5	5320	9.5	190758.1	-2132.8	5410	6.5	192216.8	-2136.1	5500	8.3	193554.9	-2107.9
5231	8.7	185532.4	-2100.5	5321	9.1	190810.5	-2101.6	5411	9.5	192219.5	-2119.8	5501	9.4	193602.3	-2126.2
5232	9.5	185538.4	-2101.9	5322	9.3	190810.6	-2142.3	5412	8.0	192223.7	-2144.0	5502	10.	193607.9	-2153.9
5233	7.0	185539.7	-2144.2	5323	9.5	190814.9	-2107.5	5413	9.8	192225.4	-2130.0	5503	9.0	193615.8	-2109.9
5234	9.5	185551.8	-2122.7	5324	9.3	190817.8	-2144.5	5414	8.8	192226.5	-2125.8	5504	9.8	193703.9	-2145.4
5235	9.0	185552.8	-2140.7	5325	8.6	190818.9	-2145.0	5415	9.5	192234.1	-2116.0	5505	9.7	193704.9	-2129.5
5236	9.7	185556.8	-2152.4	5326	8.0	190828.3	-2119.4	5416	8.3	192241.8	-2155.8	5506	9.5	193718.9	-2102.8
5237	4.2	185558.0	-2157.0	5327	9.5	190838.5	-2140.2	5417	9.4	192242.1	-2130.4	5507	9.0	193730.4	-2117.5
5238	8.8	185601.3	-2113.8	5328	9.7	190850.3	-2142.4	5418	9.8	192245.8	-2104.2	5508	9.5	193736.8	-2105.0
5239	9.1	185612.8	-2112.7	5329	10.	190852.6	-2154.7	5419	7.8	192250.3	-2120.2	5509	9.5	193745.7	-2149.5
5240	9.4	185614.2	-2100.2	5330	9.0	190900.8	-2152.0	5420	8.3	192252.2	-2156.2	5510	7.3	193755.3	-2152.4
5241	9.4	185616.0	-2123.0	5331	9.1	190911.8	-2125.4	5421	8.8	192256.9	-2110.8	5511	10.	193758.9	-2103.6
5242	7.8	185627.3	-2109.4	5332	8.3	190917.1	-2145.6	5422	9.3	192305.5	-2122.9	5512	9.3	193804.3	-2155.8
5243	8.7	185633.8	-2117.6	5333	9.4	190917.3	-2123.6	5423	9.8	192316.0	-2133.1	5513	8.5	193805.1	-2115.7
5244	9.5	185648.3	-2122.2	5334	9.5	190928.5	-2138.8	5424	9.9	192318.7	-2103.5	5514	9.3	193815.3	-2116.4
5245	9.5	185657.2	-2114.8	5335	9.4	191004.7	-2144.2	5425	7.3	192338.2	-2149.0	5515	9.3	193815.3	-2132.2
5246	8.5	185708.3	-2107.6	5336	9.1	191009.8	-2140.2	5426	9.5	192343.0	-2153.1	5516	9.5	193815.9	-2113.4
5247	9.8	185714.3	-2101.9	5337	9.0	191015.5	-2157.5	5427	9.4	192359.1	-2159.9	5517	9.1	193849.5	-2159.7
5248	9.4	185726.2	-2123.9	5338	9.9	191021.4	-2133.2	5428	9.5	192414.7	-2108.2	5518	9.3	193857.6	-2145.0
5249	9.8	185728.6	-2115.5	5339	9.8	191037.9	-2147.5	5429	9.5	192423.9	-2152.1	5519	9.8	193909.4	-2149.8
5250	10.	185732.1	-2109.2	5340	8.3	191041.0	-2108.9	5430	10.	192426.6	-2159.2	5520	9.9	193922.7	-2132.7
5251	9.1	185750.4	-2154.9	5341	9.5	191047.4	-2116.1	5431	9.8	192442.0	-2127.2	5521	9.4	193925.0	-2141.9
5252	9.5	185802.8	-2125.6	5342	8.9	191055.1	-2126.3	5432	9.8	192452.0	-2125.2	5522	6.8	193927.3	-2118.8
5253	9.3	185805.6	-2130.0	5343	9.5	191114.4	-2134.5	5433	10.	192516.4	-2134.7	5523	8.8	193931.3	-2129.4
5254	9.5	185820.8	-2110.5	5344	9.5	191115.8	-2124.8	5434	9.4	192518.2	-2118.3	5524	9.5	193937.4	-2149.2
5255	8.5	185821.3	-2138.6	5345	9.5	191125.9	-2145.1	5435	9.0	192525.3	-2114.5	5525	9.5	193939.2	-2141.0
5256	9.1	185835.4	-2132.1	5346	9.4	191137.8	-2154.4	5436	9.5	192526.5	-2138.6	5526	9.4	193940.2	-2157.7
5257	8.5	185844.7	-2150.1	5347	8.8	191151.2	-2131.4	5437	9.0	192528.1	-2150.9	5527	8.6	193945.6	-2102.4
5258	9.3	185852.8	-2140.8	5348	9.4	191200.5	-2113.9	5438	9.3	192542.7	-2115.9	5528	9.4	194003.3	-2130.9
5259	9.5	185901.7	-2118.1	5349	9.5	191204.6	-2102.5	5439	9.8	192607.8	-2148.5	5529	9.6	194007.4	-2137.0
5260	8.2	185907.7	-2127.8	5350	9.4	191211.8	-2156.4	5440	9.5	192614.8	-2105.9	5530	9.6	194011.9	-2150.2

5531	9.8	194023.8	-2122.5	5621	8.0	195908.4	-2114.9	5711	9.4	201634.0	-2123.6	5801	9.5	203339.2	-2133.1
5532	9.4	194033.9	-2156.7	5622	10.	195925.8	-2103.1	5712	9.7	201634.9	-2115.3	5802	8.8	203341.5	-2147.4
5533	9.1	194044.1	-2105.1	5623	9.4	195946.8	-2141.4	5713	9.8	201635.6	-2106.8	5803	9.5	203349.5	-2144.6
5534	9.5	194049.0	-2131.0	5624	9.5	200004.7	-2115.5	5714	10.	201644.8	-2127.8	5804	9.6	203401.4	-2113.5
5535	9.5	194057.9	-2117.5	5625	8.9	200009.2	-2124.3	5715	9.4	201658.4	-2116.0	5805	8.8	203449.1	-2119.4
5536	9.1	194101.4	-2121.0	5626	9.5	200038.4	-2143.6	5716	8.5	201700.4	-2137.4	5806	8.8	203509.2	-2137.1
5537	10.	194105.1	-2153.1	5627	9.1	200038.5	-2150.7	5717	8.7	201701.9	-2157.1	5807	9.0	203522.6	-2102.0
5538	9.1	194108.2	-2143.7	5628	9.5	200053.6	-2115.4	5718	9.1	201821.4	-2137.9	5808	8.8	203523.8	-2145.2
5539	8.6	194112.3	-2106.2	5629	7.2	200104.4	-2100.2	5719	8.5	201824.5	-2116.8	5809	9.3	203525.5	-2148.1
5540	9.0	194134.3	-2153.3	5630	9.4	200105.0	-2152.6	5720	9.4	201847.0	-2117.7	5810	9.5	203527.6	-2112.5
5541	9.6	194138.2	-2105.1	5631	8.5	200123.2	-2156.6	5721	9.5	201918.0	-2134.6	5811	9.5	203535.7	-2151.7
5542	8.5	194145.5	-2159.9	5632	9.5	200136.6	-2140.1	5722	9.6	201931.4	-2133.6	5812	8.3	203547.1	-2142.5
5543	9.8	194205.3	-2102.0	5633	9.5	200140.6	-2141.7	5723	8.8	202004.1	-2102.9	5813	9.0	203620.1	-2106.4
5544	9.5	194212.1	-2147.0	5634	9.7	200146.3	-2137.7	5724	8.9	202006.0	-2136.3	5814	7.7	203627.2	-2124.6
5545	9.3	194235.8	-2134.6	5635	8.8	200204.1	-2144.5	5725	10.	202009.1	-2128.3	5815	9.7	203645.5	-2126.5
5546	8.5	194248.0	-2130.5	5636	9.1	200208.6	-2119.9	5726	9.3	202016.0	-2157.2	5816	8.7	203651.7	-2140.3
5547	10.	194303.0	-2100.6	5637	8.5	200222.3	-2143.5	5727	9.4	202027.9	-2141.1	5817	9.2	203721.3	-2122.3
5548	9.7	194321.9	-2137.5	5638	9.2	200223.0	-2116.1	5728	9.4	202028.9	-2154.1	5818	9.1	203724.6	-2130.1
5549	9.7	194323.4	-2127.0	5639	8.8	200224.0	-2126.7	5729	6.5	202033.6	-2122.4	5819	9.5	203727.6	-2103.3
5550	9.8	194337.3	-2101.6	5640	9.4	200237.3	-2123.0	5730	10.	202040.9	-2146.3	5820	8.9	203736.1	-2102.4
5551	9.8	194340.0	-2115.7	5641	9.4	200251.1	-2132.5	5731	9.5	202043.3	-2144.4	5821	9.0	203758.1	-2104.0
5552	9.8	194341.1	-2106.1	5642	9.3	200256.5	-2108.4	5732	9.5	202045.6	-2107.2	5822	10.	203818.8	-2146.5
5553	9.4	194400.2	-2101.3	5643	9.4	200329.4	-2147.9	5733	10.	202058.2	-2128.4	5823	10.	203819.0	-2151.7
5554	8.8	194404.6	-2142.6	5644	9.0	200331.9	-2143.4	5734	9.4	202103.5	-2113.5	5824	9.3	203823.2	-2116.3
5555	9.2	194406.4	-2125.0	5645	9.4	200349.6	-2109.4	5735	8.7	202110.4	-2135.9	5825	10.	203847.7	-2108.9
5556	8.2	194419.1	-2126.0	5646	9.3	200406.5	-2140.7	5736	9.1	202123.8	-2140.4	5826	10.	203907.1	-2158.1
5557	9.2	194422.3	-2104.1	5647	8.0	200444.8	-2152.5	5737	9.0	202135.4	-2143.8	5827	9.8	203918.6	-2124.2
5558	9.5	194424.7	-2132.8	5648	9.5	200450.3	-2154.8	5738	7.0	202215.2	-2111.4	5828	9.8	203920.8	-2128.5
5559	9.8	194427.5	-2128.8	5649	9.0	200459.7	-2145.6	5739	10.	202216.3	-2101.6	5829	9.1	203941.5	-2148.4
5560	9.0	194434.1	-2147.9	5650	9.8	200523.0	-2152.8	5740	9.5	202222.6	-2119.8	5830	9.5	203942.2	-2134.5
5561	9.2	194505.4	-2120.2	5651	9.9	200526.6	-2130.3	5741	9.4	202227.7	-2141.3	5831	9.3	203942.7	-2123.0
5562	9.5	194505.9	-2138.7	5652	9.1	200532.2	-2143.8	5742	9.5	202247.2	-2113.3	5832	8.9	203957.0	-2152.8
5563	10.	194526.9	-2124.4	5653	10.	200537.9	-2159.2	5743	9.2	202335.3	-2134.7	5833	10.	203957.8	-2107.9
5564	9.1	194534.8	-2143.8	5654	8.7	200559.8	-2159.7	5744	9.4	202336.5	-2131.4	5834	10.	203959.0	-2112.4
5565	9.6	194547.5	-2159.1	5655	8.6	200613.1	-2137.2	5745	9.8	202407.0	-2156.5	5835	9.8	204002.5	-2125.0
5566	9.8	194558.2	-2149.2	5656	9.0	200623.7	-2113.9	5746	10.	202409.0	-2112.3	5836	9.7	204010.6	-2130.3
5567	9.5	194559.0	-2105.1	5657	9.5	200625.4	-2131.5	5747	9.8	202424.2	-2139.8	5837	8.7	204013.4	-2118.4
5568	9.5	194603.7	-2128.1	5658	9.3	200646.6	-2122.2	5748	9.8	202427.1	-2124.9	5838	10.	204022.4	-2102.1
5569	9.4	194616.0	-2134.0	5659	9.5	200649.5	-2146.4	5749	9.9	202427.4	-2159.5	5839	8.5	204033.6	-2108.7
5570	9.6	194631.9	-2159.4	5660	8.4	200700.7	-2154.0	5750	10.	202434.0	-2146.2	5840	8.0	204051.4	-2109.0
5571	9.5	194633.0	-2117.9	5661	9.5	200707.5	-2148.1	5751	8.8	202459.7	-2154.6	5841	9.2	204052.3	-2125.8
5572	9.5	194645.0	-2100.0	5662	10.	200709.5	-2133.3	5752	8.3	202500.7	-2123.0	5842	9.5	204118.8	-2143.8
5573	9.3	194649.1	-2151.6	5663	9.8	200724.2	-2106.2	5753	9.0	202508.8	-2144.5	5843	9.1	204125.7	-2108.3
5574	8.2	194658.6	-2153.0	5664	9.3	200726.6	-2141.0	5754	8.0	202529.8	-2101.6	5844	6.8	204231.4	-2150.4
5575	9.8	194711.5	-2120.5	5665	9.7	200728.7	-2150.2	5755	9.8	202534.6	-2151.7	5845	9.5	204235.1	-2132.3
5576	10.	194714.7	-2142.0	5666	10.	200733.5	-2148.6	5756	9.7	202555.3	-2143.7	5846	9.7	204245.8	-2154.7
5577	9.4	194731.2	-2113.8	5667	9.8	200734.4	-2159.9	5757	9.5	202607.9	-2134.5	5847	8.7	204307.0	-2133.9
5578	9.3	194753.6	-2116.7	5668	9.1	200752.5	-2146.1	5758	9.1	202615.9	-2155.7	5848	9.3	204311.4	-2140.3
5579	10.	194807.9	-2129.3	5669	8.3	200818.7	-2122.0	5759	9.8	202628.1	-2103.1	5849	9.6	204315.1	-2154.1
5580	9.4	194814.5	-2139.2	5670	10.	200829.5	-2150.0	5760	9.6	202630.3	-2139.2	5850	9.3	204321.2	-2123.7
5581	10.	194853.9	-2131.6	5671	9.6	200830.7	-2119.6	5761	9.2	202659.8	-2106.7	5851	9.4	204334.3	-2105.1
5582	9.5	194917.0	-2153.4	5672	7.7	200836.9	-2145.6	5762	10.	202708.4	-2121.4	5852	7.3	204359.4	-2145.8
5583	9.1	194949.5	-2107.5	5673	9.2	200842.3	-2144.4	5763	9.5	202714.5	-2145.3	5853	9.8	204405.7	-2113.5
5584	9.4	194952.9	-2122.5	5674	9.0	200843.4	-2138.7	5764	10.	202715.6	-2154.5	5854	9.5	204411.0	-2151.3
5585	9.2	195013.6	-2139.1	5675	9.6	200915.0	-2133.0	5765	10.	202749.1	-2143.8	5355	10.	204414.8	-2158.0
5586	9.8	195037.4	-2132.9	5676	9.7	200920.0	-2159.2	5766	9.6	202752.4	-2132.5	5856	9.3	204442.9	-2149.3
5587	9.7	195136.0	-2119.9	5677	9.1	201002.8	-2146.8	5767	8.8	202756.3	-2128.5	5857	9.3	204447.8	-2114.3
5588	8.3	195152.1	-2115.0	5678	9.3	201003.0	-2128.1	5768	6.8	202802.4	-2104.5	5858	9.8	204506.4	-2125.3
5589	9.3	195155.0	-2108.9	5679	9.4	201024.6	-2123.2	5769	9.4	202806.8	-2129.7	5859	9.5	204517.7	-2143.3
5590	10.	195218.0	-2144.0	5680	9.8	201038.8	-2145.0	5770	9.5	202827.3	-2148.9	5860	9.5	204550.7	-2126.1
5591	9.8	195219.9	-2140.9	5681	8.5	201051.0	-2136.8	5771	9.7	202833.9	-2125.5	5861	10.	204552.7	-2148.0
5592	9.5	195223.4	-2148.3	5682	9.4	201052.3	-2113.2	5772	9.7	202834.4	-2104.7	5862	9.9	204601.2	-2151.5
5593	9.4	195231.1	-2106.4	5683	9.8	201055.3	-2155.8	5773	8.7	202836.4	-2103.6	5863	10.	204617.7	-2149.7
5594	9.8	195233.1	-2101.7	5684	7.0	201057.5	-2123.6	5774	9.7	202845.1	-2159.5	5864	7.5	204622.8	-2129.7
5595	8.2	195236.4	-2151.3	5685	9.0	201110.5	-2121.1	5775	9.7	202853.0	-2136.6	5865	9.0	204702.6	-2140.0
5596	9.7	195236.5	-2134.0	5686	9.4	201123.8	-2116.2	5776	8.4	202909.7	-2149.7	5866	10.	204702.8	-2131.8
5597	9.0	195239.3	-2156.8	5687	9.4	201126.7	-2138.6	5777	9.8	202925.1	-2108.7	5867	9.5	204707.7	-2120.7
5598	9.8	195304.1	-2154.9	5688	9.5	201138.8	-2118.2	5778	10.	202927.2	-2112.0	5868	9.4	204709.8	-2101.1
5599	9.5	195337.6	-2141.8	5689	9.3	201203.6	-2153.2	5779	10.	202938.6	-2155.4	5869	9.7	204734.0	-2155.7
5600	8.2	195342.4	-2128.9	5690	8.7	201217.8	-2115.0	5780	9.8	202948.5	-2116.5	5870	10.	204744.8	-2142.9
5601	9.8	195416.1	-2113.0	5691	9.4	201246.0	-2129.5	5781	8.2	202955.2	-2155.4	5871	9.0	204808.9	-2108.1
5602	9.8	195423.2	-2103.5	5692	10.	201259.1	-2154.0	5782	6.8	202959.9	-2129.8	5872	10.	204837.8	-2148.3
5603	7.8	195427.1	-2108.2	5693	9.5	201304.3	-2111.4	5783	9.5	203006.8	-2153.2	5873	9.5	204847.0	-2124.4
5604	9.5	195446.5	-2147.4	5694	7.6	201304.4	-2151.9	5784	9.0	203032.5	-2135.9	5874	9.8	204853.6	-2142.4
5605	9.8	195601.1	-2156.7	5695	10.	201307.9	-2149.4	5785	9.8	203104.4	-2128.7	5875	9.6	204930.7	-2136.1
5606	9.3	195613.1	-2156.7	5696	9.3	201359.8	-2125.1	5786	9.4	203106.2	-2132.8	5876	9.1	204931.3	-2146.7
5607	9.5	195625.7	-2146.2	5697	9.6	201400.8	-2129.4	5787	8.4	203112.9	-2126.4	5877	9.3	204940.9	-2117.1
5608	8.9	195626.1	-2129.4	5698	9.6	201432.5	-2155.9	5788	10.	203119.3	-2148.4	5878	8.5	204952.7	-2153.6
5609	7.0	195626.9	-2143.3	5699	9.0	201435.9	-2118.4	5789	9.1	203147.0	-2128.2	5879	9.8	204958.2	-2118.6
5610	9.5	195629.1	-2102.7	5700	9.1	201438.9	-2107.5	5790	10.	203148.2	-2133.3	5880	9.3	204958.3	-2147.2
5611	10.	195642.0	-2113.0	5701	9.4	201450.9	-2152.3	5791	9.1	203202.3	-2143.5	5881	9.8	204958.7	-2105.8
5612	9.5	195700.2	-2112.5	5702	10.	201458.4	-2106.4	5792	9.1	203202.5	-2118.2	5882	9.1	205023.2	-2136.2
5613	9.8	195732.2	-2118.1	5703	8.2	201502.4	-2147.9	5793	10.	203211.6	-2124.6	5883	10.	205027.5	-2138.8
5614	8.0	195735.6	-2124.8	5704	9.7	201508.7	-2138.4	5794	9.8	203224.6	-2118.4	5884	9.8	205037.7	-2131.1
5615	9.8	195738.5	-2145.6	5705	10.	201531.5	-2106.8	5795	9.0	203252.0	-2134.7	5885	9.5	205039.1	-2149.4
5616	9.5	195742.2	-2136.7	5706	7.8	201538.3	-2138.0	5796	10.	203255.3	-2155.3	5886	9.7	205041.0	-2138.4
5617	8.9	195804.6	-2119.0	5707	8.2	201554.4	-2122.4	5797	9.0	203307.5	-2119.1	5887	9.9	205102.0	-2157.2
5618	9.4	195818.8	-2105.0	5708	9.1	201605.8	-2139.4	5798	9.8	203314.0	-2134.1	5888	8.9	205125.9	-2102.0
5619	9.0	195854.9	-2151.0	5709	10.	201617.7	-2159.9	5799	9.5	203320.4	-2124.2	5889	10.	205147.9	-2124.8
5620	9.5	195906.2	-2139.8	5710	9.6	201623.5	-2159.8	5800	9.7	203323.0	-2132.1	5890	9.8	205153.0	-2146.3

-21 5891 20h51m

5891	9.2	205156.8	-2142.8	5981	8.6	210941.5	-2151.1	6071	9.5	213338.5	-2143.2
5892	9.2	205210.1	-2109.5	5982	10.	211003.5	-2120.3	6072	9.5	213346.6	-2156.2
5893	9.7	205214.4	-2126.9	5983	9.0	211004.7	-2148.5	6073	10.	213421.4	-2120.7
5894	9.6	205230.2	-2156.9	5984	9.5	211014.4	-2126.4	6074	9.3	213443.0	-2133.4
5895	9.8	205233.0	-2106.7	5985	9.5	211019.1	-2131.4	6075	9.3	213444.2	-2158.2
5896	9.8	205236.9	-2101.3	5986	9.4	211037.0	-2100.5	6076	8.5	213450.9	-2104.1
5897	9.8	205242.6	-2111.6	5987	9.0	211043.5	-2101.4	6077	9.3	213505.7	-2134.5
5898	9.8	205253.5	-2121.0	5988	8.7	211049.4	-2153.1	6078	9.8	213534.5	-2145.8
5899	9.5	205300.6	-2149.1	5989	8.7	211050.7	-2153.7	6079	9.7	213539.3	-2155.9
5900	9.0	205345.6	-2141.0	5990	9.4	211107.6	-2115.1	6080	9.0	213544.6	-2125.3
5901	8.8	205347.6	-2153.7	5991	9.7	211116.9	-2129.0	6081	9.2	213615.8	-2133.8
5902	9.2	205350.9	-2158.8	5992	7.2	211248.6	-2125.8	6082	9.9	213618.5	-2108.6
5903	9.3	205413.6	-2120.1	5993	8.5	211302.7	-2113.0	6083	9.2	213620.1	-2133.6
5904	9.8	205517.4	-2113.8	5994	9.7	211336.7	-2110.5	6084	8.9	213635.3	-2155.9
5905	9.6	205517.7	-2150.5	5995	9.0	211338.7	-2116.5	6085	9.1	213703.2	-2153.5
5906	9.3	205527.4	-2125.0	5996	9.8	211342.2	-2108.0	6086	9.9	213714.3	-2108.7
5907	8.3	205534.9	-2119.0	5997	9.8	211353.0	-2126.7	6087	9.8	213727.2	-2156.8
5908	9.9	205552.6	-2143.0	5998	9.2	211402.0	-2135.8	6088	9.4	213746.1	-2135.3
5909	9.9	205559.5	-2152.7	5999	9.0	211402.0	-2118.6	6089	9.7	213812.1	-2124.0
5910	9.4	205631.6	-2149.0	6000	9.6	211405.1	-2152.5	6090	9.7	213832.4	-2156.8
5911	9.2	205636.1	-2102.7	6001	10.	211412.6	-2138.4	6091	9.0	213901.2	-2111.6
5912	9.6	205641.7	-2126.1	6002	9.8	211445.0	-2125.3	6092	10.	213921.0	-2151.5
5913	8.5	205654.2	-2145.3	6003	9.8	211448.8	-2114.6	6093	9.0	213923.9	-2125.8
5914	9.7	205657.8	-2153.2	6004	9.5	211516.3	-2146.1	6094	9.5	213935.3	-2151.4
5915	9.2	205707.1	-2105.6	6005	9.9	211526.4	-2144.1	6095	9.3	214049.7	-2145.4
5916	9.4	205719.6	-2148.3	6006	9.9	211547.2	-2110.5	6096	9.8	214130.4	-2109.0
5917	8.5	205725.3	-2131.6	6007	5.3	211556.0	-2127.7	6097	9.1	214132.7	-2111.0
5918	10.	205736.5	-2103.1	6008	10.	211605.2	-2100.1	6098	8.7	214145.6	-2108.4
5919	10.	205740.7	-2107.4	6009	9.0	211633.7	-2100.4	6099	9.4	214149.0	-2126.7
5920	9.2	205743.0	-2135.8	6010	9.0	211646.3	-2134.0	6100	8.7	214211.7	-2157.3
5921	9.7	205818.8	-2107.5	6011	9.0	211649.2	-2104.6	6101	9.2	214231.3	-2109.0
5922	9.8	205821.9	-2131.7	6012	9.0	211707.7	-2100.1	6102	8.0	214243.8	-2112.9
5923	9.9	205842.2	-2131.0	6013	10.	211718.3	-2116.0	6103	9.5	214246.3	-2108.0
5924	9.0	205842.7	-2119.5	6014	9.5	211737.3	-2104.3	6104	9.6	214312.7	-2150.5
5925	8.7	205848.9	-2128.1	6015	8.8	211756.4	-2115.3	6105	9.5	214317.8	-2131.6
5926	10.	205854.1	-2108.4	6016	7.5	211808.3	-2137.2	6106	8.9	214342.2	-2154.9
5927	9.7	205901.4	-2119.9	6017	8.5	211813.9	-2102.8	6107	10.	214344.9	-2122.0
5928	8.4	205903.2	-2104.8	6018	9.8	211839.6	-2134.5	6108	9.2	214346.2	-2157.5
5929	9.0	205935.3	-2141.8	6019	9.2	211852.9	-2120.7	6109	10.	214358.4	-2123.1
5930	9.0	205940.7	-2147.0	6020	6.4	211901.1	-2149.0	6110	9.7	214409.5	-2142.1
5931	9.2	205954.7	-2134.4	6021	9.4	211921.0	-2132.1	6111	9.5	214453.8	-2101.8
5932	9.5	210009.6	-2132.4	6022	9.7	211939.9	-2153.9	6112	9.8	214538.9	-2129.7
5933	5.3	210014.7	-2145.7	6023	10.	211949.2	-2146.2	6113	9.4	214556.7	-2151.0
5934	30.0	210014.8	-2155.8	6024	9.8	212000.5	-2130.5	6114	9.3	214556.7	-2124.8
5935	9.5	210017.8	-2123.9	6025	9.4	212102.3	-2154.5	6115	9.8	214611.6	-2101.1
5936	9.4	210025.1	-2106.4	6026	9.5	212103.7	-2129.6	6116	9.8	214615.1	-2101.1
5937	10.	210025.3	-2158.8	6027	9.5	212106.4	-2133.1	6117	9.5	214624.2	-2102.9
5938	9.5	210029.4	-2112.4	6028	9.9	212138.9	-2113.9	6118	9.8	214715.8	-2140.1
5939	9.0	210108.7	-2104.4	6029	9.5	212208.4	-2123.5	6119	8.5	214731.0	-2105.9
5940	6.5	210115.4	-2108.8	6030	9.1	212216.3	-2118.4	6120	7.2	214732.6	-2149.2
5941	8.3	210116.4	-2137.6	6031	9.1	212307.0	-2141.9	6121	9.3	214733.5	-2114.4
5942	9.8	210126.8	-2145.9	6032	9.0	212322.5	-2112.6	6122	10.	214802.4	-2111.9
5943	10.	210141.2	-2142.6	6033	9.3	212405.0	-2100.5	6123	9.6	214828.6	-2124.1
5944	9.6	210141.3	-2114.1	6034	9.4	212410.4	-2114.6	6124	9.1	214830.5	-2127.1
5945	9.3	210149.4	-2127.0	6035	8.4	212413.9	-2135.4	6125	9.0	214830.6	-2112.8
5946	9.8	210158.3	-2125.7	6036	8.9	212425.0	-2101.4	6126	9.8	214833.4	-2143.2
5947	10.	210207.9	-2138.5	6037	9.5	212442.7	-2155.0	6127	9.3	214925.2	-2148.4
5948	9.8	210216.3	-2104.4	6038	8.5	212500.5	-2119.0	6128	8.8	214925.7	-2150.3
5949	9.3	210229.3	-2108.6	6039	8.4	212512.9	-2154.7	6129	9.8	214929.8	-2137.7
5950	9.5	210232.6	-2113.5	6040	9.5	212531.6	-2140.4	6130	9.0	215012.9	-2125.8
5951	9.8	210245.8	-2107.3	6041	9.0	212545.9	-2155.5	6131	6.2	215037.6	-2152.5
5952	9.5	210256.4	-2119.0	6042	9.3	212549.1	-2100.4	6132	9.8	215122.8	-2143.3
5953	9.9	210323.9	-2132.6	6043	9.5	212608.0	-2141.9	6133	9.3	215123.0	-2150.4
5954	9.5	210332.4	-2144.8	6044	9.5	212608.2	-2127.1	6134	9.8	215124.7	-2141.7
5955	9.3	210343.5	-2144.4	6045	9.2	212631.5	-2116.3	6135	9.4	215125.7	-2154.3
5956	9.5	210343.9	-2158.5	6046	9.3	212633.8	-2159.9	6136	9.7	215138.4	-2124.5
5957	9.5	210414.3	-2126.9	6047	8.2	212641.6	-2105.0	6137	9.5	215140.7	-2106.8
5958	9.8	210417.3	-2101.1	6048	9.8	212724.0	-2118.3	6138	9.5	215144.5	-211 .3
5959	7.7	210420.9	-2136.1	6049	9.0	212739.1	-2143.2	6139	9.4	215144.6	-2119.3
5960	9.4	210430.4	-2108.8	6050	9.2	212747.1	-2100.8	6140	9.5	215144.7	-2131.8
5961	9.4	210431.4	-2125.8	6051	9.1	212758.6	-2104.4	6141	9.6	215145.7	-2101.2
5962	9.5	210445.1	-2130.3	6052	9.1	212831.5	-2122.0	6142	9.6	215215.3	-2153.5
5963	9.1	210446.5	-2152.9	6053	8.8	212858.8	-2140.8	6143	9.8	215215.4	-2126.9
5964	9.3	210447.9	-2146.2	6054	8.7	212927.2	-2104.0	6144	10.	215217.6	-2103
5965	9.6	210449.8	-2140.8	6055	10.	212928.2	-2112.2	6145	8.9	215226.6	-2130
5966	9.4	210459.0	-2117.7	6056	9.8	212929.1	-2132.3	6146	9.6	215250.1	-2131.4
5967	9.7	210524.8	-2157.0	6057	9.7	213038.2	-2110.6	6147	9.1	215251.2	-2102.1
5968	9.8	210555.5	-2102.7	6058	9.9	213107.3	-2104.1	6148	9.4	215301.8	-2138.3
5969	9.3	210604.0	-2140.8	6059	9.8	213108.0	-2120.6	6149	9.8	215332.3	-2131.7
5970	9.6	210613.5	-2109.6	6060	9.5	213108.2	-2145.3	6150	9.5	215334.8	-2125.2
5971	9.6	210614.0	-2134.4	6061	9.5	213121.4	-2141.7	6151	10.	215341.4	-2147.0
5972	7.5	210642.5	-2122.6	6062	9.1	213132.3	-2119.7	6152	9.7	215349.3	-2148.2
5973	8.2	210657.2	-2153.4	6063	9.3	213138.5	-2152.1	6153	9.6	215505.0	-2144.8
5974	5.5	210722.8	-2114.7	6064	9.8	213156.1	-2125.6	6154	8.0	215623.4	-2106.5
5975	9.5	210817.9	-2139.0	6065	9.4	213202.6	-2134.8	6155	9.5	215630.9	-2112.6
5976	9.7	210818.6	-2113.4	6066	9.2	213223.5	-2155.0	6156	9.6	215636.4	-2140.2
5977	9.7	210836.9	-2157.1	6067	9.3	213241.4	-2142.7	6157	9.5	215641.0	-2147.1
5978	8.5	210923.2	-2151.4	6068	9.6	213315.0	-2136.2	6158	9.1	215644.9	-2128.2
5979	10.	210932.5	-2141.3	6069	9.1	213323.0	-2157.2	6159	9.6	215645.5	-2127.4
5980	9.8	210935.0	-2104.4	6070	9.0	213327.8	-2112.6	6160	9.3	215652.0	-2145.6

-21 6250 22h26m

6161	9.8	215813.9	-2115.0	6171	9.2	220242.2	-2123.2	6181	9.0	220627.1	-2155.4
6162	9.6	215820.1	-2145.3	6172	9.8	220244.1	-2113.6	6182	9.0	220628.5	-2144.9
6163	9.4	215859.2	-2129.7	6173	6.0	220259.5	-2156.4	6183	8.8	220629.7	-2139.4
6164	9.3	215902.4	-2107.5	6174	9.6	220314.4	-2154.2	6184	9.3	220647.7	-2154.5
6165	9.5	215928.7	-2147.4	6175	7.3	220445.7	-2136.1	6185	9.2	220713.3	-2109.7
6166	7.3	215935.4	-2127.9	6176	9.8	220501.2	-2101.3	6186	8.6	220739.4	-2159.3
6167	9.4	215936.7	-2143.6	6177	9.8	220505.3	-2146.1	6187	9.4	220747.2	-2154.0
6168	9.1	215941.1	-2147.6	6178	9.2	220538.8	-2121.8	6188	9.2	220809.1	-2150.5
6169	9.9	220057.6	-2111.9	6179	9.4	220601.9	-2137.4	6189	9.9	220901.4	-2152.4
6170	8.3	220216.3	-2142.1	6180	5.5	220617.5	-2147.5	6190	9.1	220936.9	-2111.4
6171	9.2	220242.2	-2123.2	6181	9.0	220627.1	-2155.4	6191	8.8	220959.5	-2112.9
6172	9.8	220244.1	-2113.6	6182	9.0	220628.5	-2144.9	6192	9.3	221016.0	-2119.5
6173	6.0	220259.5	-2156.4	6183	8.8	220629.7	-2139.4	6193	8.6	221027.7	-2143.3
6174	9.6	220314.4	-2154.2	6184	9.3	220647.7	-2154.5	6194	9.3	221031.9	-2117.9
6175	7.3	220445.7	-2136.1	6185	9.2	220713.3	-2109.7	6195	9.7	221032.0	-2153.1
6176	9.8	220501.2	-2101.3	6186	8.6	220739.4	-2159.3	6196	9.0	221033.2	-2113.0
6177	9.8	220505.3	-2146.1	6187	9.4	220747.2	-2154.0	6197	7.7	221036.2	-2127.3
6178	9.2	220538.8	-2121.8	6188	9.2	220809.1	-2150.5	6198	9.0	221039.0	-2116.8
6179	9.4	220601.9	-2137.4	6189	9.9	220901.4	-2152.4	6199	9.8	221102.5	-2106.0
6180	5.5	220617.5	-2147.5	6190	9.1	220936.9	-2111.4	6200	9.5	221105.9	-2131.3
6181	9.0	220627.1	-2155.4	6191	8.8	220959.5	-2112.9	6201	9.5	221129.6	-2150.9
6182	9.0	220628.5	-2144.9	6192	9.3	221016.0	-2119.5	6202	10.	221150.6	-2149.0
6183	8.8	220629.7	-2139.4	6193	8.6	221027.7	-2143.3	6203	9.8	221150.8	-2134.8
6184	9.3	220647.7	-2154.5	6194	9.3	221031.9	-2117.9	6204	9.8	221219.5	-2113.8
6185	9.2	220713.3	-2109.7	6195	9.7	221032.0	-2153.1	6205	9.5	221305.0	-2150.6
6186	8.6	220739.4	-2159.3	6196	9.0	221033.2	-2113.0	6206	8.9	221344.0	-2130.8
6187	9.4	220747.2	-2154.0	6197	7.7	221036.2	-2127.3	6207	8.5	221359.7	-2133.2
6188	9.2	220809.1	-2150.5	6198	9.0	221039.0	-2116.8	6208	9.8	221423.0	-2128.3
6189	9.9	220901.4	-2152.4	6199	9.8	221102.5	-2106.0	6209	9.4	221423.0	-2149.7
6190	9.1	220936.9	-2111.4	6200	9.5	221105.9	-2131.3	6210	9.8	221425.4	-2157.3
6191	8.8	220959.5	-2112.9	6201	9.5	221129.6	-2150.9	6211	9.2	221438.8	-2148.1
6192	9.3	221016.0	-2119.5	6202	10.	221150.6	-2149.0	6212	10.	221525.7	-2114.2
6193	8.6	221027.7	-2143.3	6203	9.8	221150.8	-2134.8	6213	8.5	221533.7	-2102.5
6194	9.3	221031.9	-2117.9	6204	9.8	221219.5	-2113.8	6214	8.6	221547.7	-2120.7
6195	9.7	221032.0	-2153.1	6205	9.5	221305.0	-2150.6	6215	9.8	221642.2	-2107.0
6196	9.0	221033.2	-2113.0	6206	8.9	221344.0	-2130.8	6216	9.8	221702.5	-2127.3
6197	7.7	221036.2	-2127.3	6207	8.5	221359.7	-2133.2	6217	10.	221702.6	-2144.1
6198	9.0	221039.0	-2116.8	6208	9.8	221423.0	-2128.3	6218	9.5	221724.7	-2111.6
6199	9.8	221102.5	-2106.0	6209	9.4	221423.0	-2149.7	6219	9.5	221743.0	-2121.0
6200	9.5	221105.9	-2131.3	6210	9.8	221425.4	-2157.3	6220	9.4	221754.6	-2159.4
6201	9.5	221129.6	-2150.9	6211	9.2	221438.8	-2148.1	6221	9.5	221805.8	-2104.7
6202	10.	221150.6	-2149.0	6212	10.	221525.7	-2114.2	6222	9.9	221819.5	-2125.7
6203	9.8	221150.8	-2134.8	6213	8.5	221533.7	-2102.5	6223	9.6	221842.7	-2149.3
6204	9.8	221219.5	-2113.8	6214	8.6	221547.7	-2120.7	6224	10.	221851.4	-2135.5
6205	9.5	221305.0	-2150.6	6215	9.8	221642.2	-2107.0	6225	10.	221854.9	-2157.4
6206	8.9	221344.0	-2130.8	6216	9.8	221702.5	-2127.3	6226	9.0	221910.8	-2103.3
6207	8.5	221359.7	-2133.2	6217	10.	221702.6	-2144.1	6227	9.7	221937.7	-2159.2
6208	9.8	221423.0	-2128.3	6218	9.5	221724.7	-2111.6	6228	9.7	222005.0	-2127.5
6209	9.4	221423.0	-2149.7	6219	9.5	221743.0	-2121.0	6229	9.0	222015.4	-2107.3
6210	9.8	221425.4	-2157.3	6220	9.4	221754.6	-2159.4	6230	9.3	222033.8	-2156.1
6211	9.2	221438.8	-2148.1	6221	9.5	221805.8	-2104.7	6231	9.8	222053.5	-2112.9
6212	10.	221525.7	-2114.2	6222	9.9	221819.5	-2125.7	6232	10.	222102.8	-2124.5
6213	8.5	221533.7	-2102.5	6223	9.6	221842.7	-2149.3	6233	10.	222103.7	-2133.5
6214	8.6	221547.7	-2120.7	6224	10.	221851.4	-2135.5	6234	8.3	222111.0	-2108.4
6215	9.8	221642.2	-2107.0	6225	10.	221854.9	-2157.4	6235	9.3	222113.9	-2130.6
6216	9.8	221702.5	-2127.3	6226	9.0	221910.8	-2103.3	6236	9.8	222115.3	-2158.1
6217	10.	221702.6	-2144.1	6227	9.7	221937.7	-2159.2	6237	9.4	222117.0	-2142.1
6218	9.5	221724.7	-2111.6	6228	9.7	222005.0	-2127.5	6238	9.8	222129.9	-2141.5
6219	9.5	221743.0	-2121.0	6229	9.0	222015.4	-2107.3	6239	20.0	222134.0	-2135.0
6220	9.4	221754.6	-2159.4	6230	9.3	222033.8	-2156.1	6240	9.5	222220.0	-2117.7
6221	9.5	221805.8	-2104.7	6231	9.8	222053.5	-2112.9	6241	9.6	222227.4	-2134.5
6222	9.9	221819.5	-2125.7	6232	10.	222102.8	-2124.5	6242	9.5	222352.1	-2129.6
6223	9.6	221842.7	-2149.3	6233	10.	222103.7	-2133.5	6243	10.	222359.1	-2131.3
6224	10.	221851.4	-2135.5	6234	8.3	222111.0	-2108.4	6244	9.4	222414.8	-2131.0
6225	10.	221854.9	-2157.4	6235	9.3	222113.9	-2130.6	6245	9.2	222429.5	-2127.4
6226	9.0	221910.8	-2103.3	6236	9.8	222115.3	-2158.1	6246	9.2	222511.5	-2157.4
6227	9.7	221937.7	-2159.2	6237	9.4	222117.0	-2142.1	6247	9.5	222538.4	-2150.0
6228	9.7	222005.0	-2127.5	6238	9.8	222129.9	-2141.5	6248	9.2	222604.1	-2102.3
6229	9.0	222015.4	-2107.3	6239	20.0	222134.0	-2135.0	6249	9.8	222615.9	-2127.9
6230	9.3	222033.8	-2156.1	6240	9.5	222220.0	-2117.7	6250	9.5	222645.4	-2141.1

6251	5.7	222646.1	-2126.9	6341	8.9	225108.6	-2139.8	6431	10.	232247.7	-2100.3	6521	9.1	235636.9	-2141.5
6252	9.8	222648.4	-2137.5	6342	9.3	225136.5	-2123.3	6432	9.9	232335.3	-2104.3	6522	9.7	235642.5	-2132.0
6253	9.2	222756.6	-2141.4	6343	10.	225145.5	-2120.0	6433	9.7	232345.0	-2159.9	6523	9.6	235644.4	-2143.4
6254	7.3	222759.9	-2140.9	6344	10.	225206.0	-2159.6	6434	9.8	232410.0	-2159.7	6524	8.8	235652.8	-2122.2
6255	9.5	222801.2	-2118.6	6345	9.7	225217.6	-2124.4	6435	9.6	232500.0	-2129.6	6525	9.5	235704.1	-2130.4
6256	9.4	222817.8	-2149.1	6346	9.6	225229.4	-2155.8	6436	9.1	232518.8	-2158.9	6526	9.0	235712.0	-2143.1
6257	7.8	222853.2	-2149.8	6347	10.	225230.1	-2132.2	6437	5.8	232540.4	-2142.8	6527	8.8	235741.5	-2125.5
6258	9.4	222854.3	-2109.5	6348	8.8	225247.2	-2135.7	6438	9.8	232559.9	-2134.8	6528	9.2	235746.9	-2131.5
6259	9.6	222909.4	-2133.7	6349	9.5	225339.7	-2142.6	6439	9.2	232658.9	-2154.3	6529	9.3	235751.7	-2131.5
6260	10.	222909.5	-2116.5	6350	9.1	225412.6	-2138.9	6440	9.4	232710.7	-2123.5	6530	9.3	235756.6	-2101.7
6261	7.0	222937.3	-2107.9	6351	9.2	225428.2	-2117.1	6441	9.8	232714.4	-2148.6	6531	10.	235802.0	-2132.1
6262	9.5	223004.1	-2135.4	6352	10.	225432.1	-2114.8	6442	9.4	232718.6	-2151.3	6532	9.2	235831.9	-2127.1
6263	9.4	223004.1	-2112.7	6353	9.0	225441.7	-2118.6	6443	10.	232757.4	-2129.4	6533	9.3	235854.1	-2105.6
6264	9.0	223004.8	-2105.0	6354	6.4	225459.1	-2138.4	6444	9.8	232816.0	-2149.1	6534	9.2	235858.0	-2139.0
6265	9.5	223021.8	-2103.5	6355	9.5	225516.4	-2142.4	6445	9.8	232823.8	-2158.6	6535	9.5	235915.3	-2115.9
6266	8.7	223038.0	-2135.1	6356	8.5	225540.1	-2123.1	6446	9.9	232843.1	-2126.5	6536	9.6	235917.7	-2122.5
6267	9.0	223049.4	-2122.0	6357	9.7	225544.9	-2156.3	6447	9.8	232844.0	-2104.0	6537	9.0	235922.6	-2153.3
6268	9.8	223124.4	-2105.6	6358	10.	225620.3	-2103.1	6448	9.7	232847.4	-2128.4	6538	9.5	235938.1	-2119.0
6269	10.	223130.9	-2149.2	6359	8.5	225737.6	-2125.2	6449	9.7	232939.6	-2144.4	1	10.	00013.2	-2243.4
6270	9.3	223136.5	-2126.1	6360	9.2	225754.7	-2157.0	6450	9.6	232942.8	-2117.8	2	9.1	00016.8	-2222.3
6271	8.9	223142.6	-2148.5	6361	8.9	225919.0	-2115.0	6451	9.7	232943.6	-2144.2	3	9.4	00027.7	-2200.5
6272	9.4	223152.4	-2114.8	6362	9.5	225934.0	-2139.0	6452	9.0	233005.3	-2118.0	4	9.7	00030.8	-2244.4
6273	10.	223214.3	-2112.7	6363	9.7	230006.6	-2129.1	6453	7.8	233107.1	-2140.1	5	8.2	00053.5	-2238.9
6274	9.0	223217.3	-2128.0	6364	9.0	230019.1	-2122.5	6454	9.7	233120.9	-2128.2	6	8.2	00100.7	-2212.8
6275	9.2	223225.1	-2102.0	6365	9.1	230052.0	-2118.1	6455	9.3	233123.9	-2120.6	7	7.2	00130.3	-2259.0
6276	9.8	223225.5	-2118.2	6366	9.0	230111.1	-2138.4	6456	9.9	233124.2	-2126.6	8	7.1	00134.5	-2200.4
6277	9.6	223231.4	-2150.5	6367	9.9	230132.1	-2135.7	6457	9.1	233153.9	-2149.3	9	9.1	00150.3	-2252.1
6278	9.4	223309.2	-2125.9	6368	4.4	230141.8	-2157.1	6458	9.3	233155.4	-2121.8	10	9.8	00202.8	-2256.8
6279	9.7	223318.1	-2143.6	6369	9.9	230154.8	-2151.2	6459	9.5	233322.2	-2131.5	11	9.8	00208.7	-2250.7
6280	9.5	223328.5	-2122.7	6370	9.1	230157.1	-2145.4	6460	10.	233324.0	-2144.6	12	8.3	00211.6	-2211.3
6281	9.8	223354.6	-2117.0	6371	9.8	230219.9	-2134.9	6461	8.7	233345.5	-2116.0	13	10.	00216.7	-2202.2
6282	9.4	223406.8	-2146.7	6372	8.3	230307.4	-2148.2	6462	9.6	233356.3	-2130.9	14	9.0	00218.4	-2242.7
6283	9.0	223407.4	-2132.4	6373	9.1	230313.9	-2136.1	6463	9.8	233427.5	-2139.6	15	9.0	00223.3	-2253.4
6284	9.6	223407.9	-2149.1	6374	9.8	230326.7	-2108.5	6464	10.	233457.0	-2148.9	16	8.5	00311.9	-2256.6
6285	9.9	223428.2	-2152.6	6375	9.3	230329.7	-2119.0	6465	9.9	233502.3	-2122.1	17	7.5	00323.0	-2244.1
6286	9.5	223431.0	-2122.8	6376	9.0	230353.5	-2147.4	6466	9.3	233517.1	-2141.1	18	7.8	00355.0	-2202.9
6287	8.6	223445.7	-2142.1	6377	9.5	230442.5	-2148.9	6467	8.0	233545.5	-2153.6	19	9.6	00400.2	-2202.8
6288	9.0	223458.8	-2156.0	6378	9.0	230447.9	-2153.8	6468	8.5	233613.8	-2104.7	20	9.9	00402.5	-2205.0
6289	10.	223552.6	-2106.9	6379	10.	230452.3	-2111.2	6469	9.5	233704.3	-2146.9	21	9.8	00459.5	-2200.5
6290	9.8	223554.9	-2151.7	6380	9.8	230454.0	-2149.3	6470	10.	233738.9	-2144.7	22	9.3	00500.1	-2222.1
6291	9.0	223611.3	-2130.2	6381	9.0	230458.2	-2121.3	6471	9.9	233742.4	-2121.8	23	8.5	00505.5	-2252.6
6292	9.5	223614.1	-2133.6	6382	9.4	230608.8	-2103.0	6472	9.7	233946.2	-2130.1	24	9.2	00516.6	-2245.2
6293	9.6	223637.6	-2104.8	6383	9.8	230617.0	-2157.6	6473	9.5	233955.9	-2136.9	25	9.6	00541.1	-2227.5
6294	9.3	223643.8	-2142.3	6384	9.8	230627.7	-2153.4	6474	9.8	234011.0	-2138.4	26	10.	00603.1	-2232.9
6295	9.1	223720.7	-2106.8	6385	9.3	230633.8	-2135.0	6475	9.6	234014.9	-2126.5	27	9.6	00611.8	-2250.0
6296	9.0	223727.4	-2137.9	6386	9.6	230724.5	-2116.7	6476	10.	234037.1	-2118.2	28	9.4	00642.9	-2229.8
6297	9.0	223753.1	-2125.5	6387	9.2	230737.4	-2117.9	6477	10.	234048.6	-2126.7	29	9.0	00658.2	-2222.7
6298	9.4	223811.1	-2136.1	6388	9.4	230738.2	-2123.9	6478	9.2	234058.5	-2154.9	30	9.5	00803.4	-2259.8
6299	9.4	223818.3	-2149.5	6389	9.3	230751.5	-2118.6	6479	9.5	234109.0	-2156.3	31	9.6	00803.7	-2257.4
6300	9.6	223823.3	-2149.8	6390	9.3	230800.5	-2105.9	6480	8.5	234137.1	-2149.4	32	10.	00813.2	-2217.1
6301	8.5	223847.2	-2101.3	6391	10.	230814.0	-2101.0	6481	9.9	234144.2	-2121.0	33	9.6	00814.3	-2252.1
6302	9.9	223855.5	-2144.8	6392	8.8	230816.9	-2104.7	6482	9.1	234149.0	-2141.8	34	9.7	00833.3	-2204.2
6303	7.9	223859.8	-2133.2	6393	9.5	230818.2	-2109.7	6483	8.5	234155.7	-2114.8	35	10.	00902.8	-2220.2
6304	9.7	223914.4	-2135.7	6394	10.	230842.4	-2120.2	6484	8.9	234219.2	-2118.9	36	9.7	00909.9	-2239.8
6305	8.5	223935.5	-2148.6	6395	10.	230851.5	-2124.6	6485	8.3	234244.6	-2140.5	37	8.9	00916.1	-2221.0
6306	9.8	224100.4	-2157.1	6396	8.3	230853.8	-2158.1	6486	6.8	234303.7	-2102.1	38	9.0	00916.3	-2224.3
6307	9.5	224101.5	-2115.4	6397	7.8	230908.1	-2159.2	6487	9.8	234341.3	-2102.3	39	10.	01001.4	-2244.5
6308	9.1	224124.0	-2101.6	6398	7.8	230927.7	-2128.4	6488	8.6	234402.4	-2135.6	40	8.2	01042.0	-2238.2
6309	9.1	224125.6	-2144.5	6399	9.8	230932.5	-2103.2	6489	9.8	234439.3	-2114.2	41	9.6	01057.3	-2200.5
6310	7.3	224207.1	-2102.9	6400	9.4	231004.6	-2106.1	6490	9.8	234518.5	-2128.9	42	9.2	01103.4	-2200.8
6311	9.8	224212.8	-2119.7	6401	10.	231122.8	-2129.3	6491	9.0	234606.2	-2101.8	43	9.1	01119.0	-2251.2
6312	9.5	224301.0	-2126.1	6402	10.	231151.5	-2145.2	6492	7.2	234609.4	-2119.1	44	9.5	01202.5	-2228.4
6313	9.5	224328.2	-2147.3	6403	8.5	231152.8	-2129.7	6493	9.5	234624.3	-2145.4	45	7.5	01213.5	-2236.7
6314	8.5	224349.2	-2142.6	6404	9.3	231228.7	-2151.6	6494	9.7	234646.9	-2132.1	46	9.5	01233.5	-2233.6
6315	8.3	224439.0	-2156.9	6405	9.0	231235.9	-2144.2	6495	10.	234706.5	-2120.0	47	9.3	01241.5	-2226.3
6316	9.3	224457.7	-2101.7	6406	9.4	231247.5	-2139.0	6496	9.7	234724.4	-2139.5	48	10.	01335.6	-2209.7
6317	8.9	224614.3	-2108.4	6407	9.5	231330.6	-2156.0	6497	9.4	234803.9	-2105.9	49	9.7	01357.9	-2204.2
6318	9.1	224641.3	-2137.7	6408	8.5	231340.0	-2138.6	6498	7.8	234806.4	-2145.4	50	9.6	01407.3	-2203.7
6319	9.3	224643.2	-2132.2	6409	8.5	231354.7	-2105.4	6499	8.6	234829.5	-2116.5	51	10.	01446.1	-2221.3
6320	9.5	224702.3	-2124.6	6410	9.3	231359.3	-2135.8	6500	6.5	234942.0	-2138.2	52	9.7	01513.2	-2257.8
6321	9.1	224732.4	-2157.6	6411	9.8	231403.0	-2146.8	6501	9.2	235009.2	-2159.0	53	9.6	01515.1	-2214.1
6322	9.3	224741.6	-2132.5	6412	9.5	231416.3	-2147.4	6502	10.	235030.1	-2102.6	54	9.0	01522.2	-2244.3
6323	9.4	224800.4	-2104.3	6413	9.8	231523.0	-2130.5	6503	9.7	235034.6	-2129.2	55	9.5	01546.1	-2220.9
6324	9.6	224805.0	-2131.7	6414	9.3	231544.4	-2120.0	6504	9.3	235041.3	-2125.5	56	9.8	01634.8	-2204.6
6325	8.5	224807.9	-2118.4	6415	8.5	231648.8	-2149.5	6505	8.6	235054.6	-2107.4	57	9.5	01643.7	-2228.4
6326	9.4	224810.4	-2107.2	6416	8.5	231659.2	-2111.3	6506	9.1	235059.6	-2105.8	58	9.6	01712.5	-2240.1
6327	9.3	224816.6	-2152.0	6417	9.0	231714.0	-2104.5	6507	9.5	235110.0	-2141.4	59	9.5	01719.3	-2246.1
6328	9.8	224850.5	-2143.7	6418	9.3	231720.7	-2139.2	6508	8.4	235139.0	-2125.8	60	9.7	01742.7	-2210.6
6329	9.4	224906.5	-2153.3	6419	8.2	231814.7	-2124.3	6509	10.	235144.6	-2138.5	61	9.3	01750.9	-2257.7
6330	30.0	224919.7	-2137.0	6420	5.5	231824.4	-2126.3	6510	9.4	235155.7	-2122.1	62	9.9	01805.8	-2242.5
6331	9.0	224922.2	-2156.4	6421	8.7	231852.7	-2159.4	61	9.0	235156.3	-2144.7	63	9.1	01817.4	-2250.3
6332	9.7	224928.9	-2111.7	6422	8.9	231933.8	-2132.4	12	9.2	235229.3	-2148.9	64	9.5	01817.8	-2230.1
6333	8.3	224943.4	-2126.5	6423	8.9	232052.6	-2116.0	6513	9.0	235236.2	-2143.0	65	7.0	01824.3	-2225.7
6334	7.5	224950.4	-2102.6	6424	9.4	232144.7	-2108.5	6514	10.	235314.3	-2107.9	66	9.4	01831.4	-2250.7
6335	10.	224953.3	-2118.6	6425	9.8	232156.2	-2102.3	6515	8.8	235328.8	-2114.0	67	9.5	01839.5	-2204.3
6336	9.6	225015.0	-2122.0	6426	8.9	232210.2	-2106.1	6516	8.3	235342.7	-2130.5	68	9.6	01840.3	-2231.0
6337	10.	225026.5	-2136.0	6427	9.5	232212.1	-2107.0	6517	8.8	235443.5	-2140.4	69	9.0	01853.3	-2221.2
6338	9.1	225033.6	-2158.3	6428	8.4	232217.2	-2122.4	6518	9.3	235443.9	-2116.7	70	7.5	01858.4	-2228.7
6339	9.6	225054.5	-2136.5	6429	9.7	232232.9	-2152.7	6519	10.	235502.0	-2159.8	71	9.2	01943.9	-2221.2
6340	9.3	225106.4	-2125.1	6430	9.5	232236.3	-2157.5	6520	10.	235557.9	-2150.6	72	9.5	02043.0	-2247.1

-22 73 0h20m

-22 432 2h24m

73	9.9	02043.9	-2224.7	163	9.8	04848.1	-2250.9	253	9.4	12235.8	-2213.9	343	7.8	15615.3	-2236.6
74	9.0	02047.0	-2206.1	164	9.5	04924.2	-2256.4	254	5.0	12237.9	-2222.1	344	9.8	15633.7	-2203.6
75	9.2	02126.0	-2240.9	165	9.8	04944.7	-2258.7	255	10.	12351.0	-2222.6	345	8.4	15659.5	-2203.3
76	10.	02205.6	-2237.3	166	9.1	04954.0	-2205.7	256	9.7	12359.3	-2236.5	346	9.1	15706.0	-2242.2
77	10.	02221.6	-2257.9	167	9.2	05049.8	-2212.8	257	9.2	12414.6	-2215.6	347	8.4	15707.9	-2235.5
78	8.5	02253.5	-2216.1	168	9.8	05108.4	-2213.2	258	9.4	12416.2	-2202.5	348	8.5	15726.1	-2243.3
79	9.7	02301.1	-2240.7	169	9.8	05136.1	-2209.9	259	9.5	12418.4	-2203.4	349	9.5	15812.5	-2219.1
80	9.5	02347.7	-2247.9	170	9.9	05145.3	-2247.7	260	9.8	12449.6	-2204.3	350	9.4	15908.5	-2219.3
81	8.0	02354.7	-2208.9	171	9.5	05242.2	-2232.9	261	9.0	12612.7	-2234.5	351	8.2	15914.0	-2227.0
82	9.8	02458.9	-2208.5	172	9.0	05248.4	-2259.7	262	9.2	12613.4	-2228.5	352	8.0	15914.8	-2251.3
83	10.	02500.7	-2239.6	173	9.5	05300.3	-2240.0	263	9.4	12723.3	-2259.4	353	9.2	15920.5	-2211.1
84	9.9	02503.5	-2208.9	174	9.0	05304.4	-2258.2	264	9.8	12852.4	-2209.6	354	9.8	15927.1	-2210.8
85	9.5	02528.4	-2253.7	175	9.5	05306.4	-2211.7	265	9.1	12919.9	-2221.9	355	9.8	15955.4	-2207.7
86	8.6	02534.8	-2254.1	176	9.5	05312.3	-2216.9	266	8.9	12949.9	-2211.3	356	9.8	15957.6	-2240.9
87	9.5	02536.3	-2200.2	177	10.	05321.4	-2214.5	267	9.5	13016.0	-2211.0	357	9.5	15959.3	-2257.6
88	8.3	02600.3	-2239.1	178	9.5	05351.9	-2247.3	268	9.8	13036.5	-2222.5	358	9.5	20026.8	-2211.3
89	9.5	02612.8	-2234.0	179	9.1	05424.1	-2213.7	269	9.6	13133.0	-2234.9	359	9.5	20046.0	-2223.1
90	9.1	02616.0	-2255.9	180	9.7	05433.3	-2213.0	270	9.8	13147.2	-2224.3	360	9.1	20047.2	-2258.9
91	9.3	02620.7	-2233.8	181	9.9	05447.8	-2219.1	271	9.4	13150.7	-2208.3	361	8.8	20048.6	-2245.0
92	9.3	02623.3	-2209.3	182	8.0	05504.9	-2223.3	272	6.0	13155.3	-2200.5	362	9.4	20050.4	-2204.4
93	10.	02714.3	-2205.2	183	8.0	05520.4	-2223.3	273	9.3	13207.1	-2222.5	363	7.9	20113.4	-2202.5
94	8.8	02734.9	-2241.1	184	9.8	05543.5	-2225.3	274	10.	13255.5	-2240.0	364	10.	20136.0	-2253.7
95	9.1	02744.4	-2215.0	185	10.	05618.9	-2219.9	275	9.5	13307.4	-2212.3	365	9.4	20149.6	-2224.7
96	8.3	02808.8	-2232.6	186	10.	05631.7	-2207.1	276	9.3	13338.6	-2203.7	366	9.8	20220.6	-2222.4
97	9.5	02810.8	-2221.5	187	9.5	05640.4	-2214.1	277	7.8	13416.2	-2227.4	367	9.3	20226.3	-2241.9
98	9.8	02813.9	-2244.0	188	9.9	05702.3	-2229.5	278	8.7	13421.2	-2204.1	368	9.2	20246.1	-2257.8
99	9.4	02837.4	-2225.0	189	9.1	05703.1	-2253.6	279	9.2	13424.2	-2250.9	369	9.5	20250.7	-2227.2
100	8.8	02857.8	-2211.9	190	10.	05717.4	-2201.4	280	8.5	13431.7	-2252.5	370	9.5	20306.6	-2217.6
101	9.5	02859.8	-2255.7	191	10.	05739.3	-2218.3	281	9.5	13446.2	-2241.1	371	9.7	20348.8	-2200.9
102	9.4	02900.0	-2232.4	192	9.6	05836.7	-2232.4	282	9.3	13542.0	-2219.6	372	9.6	20353.6	-2205.8
103	9.8	02932.9	-2203.0	193	8.2	05846.2	-2220.3	283	8.8	13551.7	-2223.0	373	9.4	20427.2	-2230.8
104	9.7	03044.4	-2224.2	194	9.9	05858.7	-2253.7	284	9.3	13602.3	-2203.9	374	9.4	20434.2	-2223.9
105	9.0	03051.0	-2212.8	195	9.0	05915.1	-2227.5	285	9.2	13608.3	-2203.8	375	8.7	20452.2	-2206.4
106	9.5	03101.2	-2258.3	196	9.1	05925.4	-2250.8	286	8.0	13620.7	-2221.2	376	8.5	20520.5	-2214.6
107	9.1	03115.9	-2205.0	197	9.4	05935.7	-2248.3	287	9.4	13714.0	-2209.3	377	9.4	20611.9	-2238.6
108	9.5	03121.3	-2208.7	198	9.2	05940.7	-2247.8	288	9.4	13722.3	-2236.2	378	9.0	20652.5	-2241.7
109	8.7	03147.6	-2204.5	199	10.	05948.7	-2254.6	289	9.4	13748.1	-2221.4	379	9.8	20805.4	-2230.4
110	9.7	03215.6	-2208.0	200	9.9	10012.2	-2227.2	290	8.0	13833.4	-2243.2	380	9.6	20858.7	-2222.5
111	9.8	03225.7	-2252.9	201	9.5	10037.3	-2236.2	291	8.8	13849.4	-2254.1	381	9.8	20859.4	-2203.7
112	8.5	03225.8	-2222.5	202	9.3	10059.4	-2257.4	292	10.	13910.8	-2210.8	382	10.	20930.8	-2234.1
113	10.	03405.2	-2236.5	203	8.7	10101.0	-2223.4	293	9.3	13934.0	-2208.7	383	9.3	21000.2	-2255.0
114	9.5	03418.4	-2210.8	204	9.5	10121.1	-2204.2	294	10.	13956.4	-2221.8	384	8.3	21021.4	-2231.4
115	9.5	03447.8	-2242.8	205	9.1	10121.5	-2217.8	295	10.	14017.5	-2257.0	385	9.8	21021.8	-2210.3
116	9.4	03525.3	-2225.8	206	9.5	10126.9	-2255.0	296	9.8	14021.5	-2252.1	386	8.5	21056.6	-2250.0
117	9.6	03530.2	-2205.7	207	9.3	10155.3	-2218.4	297	8.6	14113.6	-2257.0	387	9.3	21201.0	-2230.8
118	8.0	03537.8	-2227.0	208	9.0	10205.8	-2247.9	298	9.5	14132.8	-2201.6	388	9.0	21207.0	-2234.7
119	9.0	03547.4	-2245.3	209	9.3	10344.0	-2211.4	299	8.0	14135.6	-2256.5	389	9.2	21244.7	-2218.6
120	8.3	03555.3	-2230.1	210	9.0	10358.5	-2246.0	300	9.8	14214.1	-2251.6	390	9.9	21321.6	-2241.5
121	9.8	03555.4	-2242.1	211	8.8	10447.5	-2240.2	301	9.5	14332.2	-2254.3	391	9.1	21341.7	-2221.8
122	9.8	03613.7	-2210.1	212	9.4	10522.8	-2244.5	302	10.	14351.7	-2257.1	392	8.1	21344.2	-2247.2
123	9.4	03636.3	-2220.6	213	9.8	10557.0	-2218.1	303	9.3	14359.1	-2215.3	393	9.3	21347.2	-2243.9
124	8.0	03704.5	-2251.8	214	10.	10618.9	-2205.9	304	9.5	14417.2	-2253.5	394	10.	21425.7	-2215.5
125	9.5	03721.0	-2255.2	215	9.9	10625.6	-2231.5	305	8.1	14449.3	-2253.1	395	9.4	21515.6	-2210.8
126	9.0	03728.9	-2223.7	216	8.8	10645.2	-2243.1	306	9.3	14509.8	-2244.7	396	9.2	21530.8	-2222.6
127	5.5	03733.0	-2248.0	217	9.5	10711.9	-2243.2	307	9.0	14527.9	-2203.3	397	8.0	21535.1	-2232.0
128	8.7	03743.0	-2211.9	218	9.5	10734.2	-2256.9	308	9.6	14557.3	-2237.7	398	10.	21604.3	-2228.2
129	9.0	03832.3	-2200.6	219	9.8	10740.7	-2239.7	309	10.	14647.0	-2210.4	399	9.9	21627.7	-2255.2
130	9.7	03833.5	-2217.0	220	10.	10759.6	-2211.9	310	9.8	14701.4	-2240.5	400	9.9	21631.4	-2244.0
131	9.8	03837.5	-2206.2	221	7.8	10822.1	-2229.6	311	9.1	14716.9	-2214.9	401	8.9	21658.6	-2228.4
132	9.0	03903.8	-2209.7	222	9.6	10904.6	-2200.5	312	10.	14752.8	-2215.8	402	9.3	21700.1	-2222.8
133	9.1	03956.5	-2227.4	223	8.7	10909.4	-2215.4	313	9.9	14758.3	-2200.2	403	9.1	21710.8	-2216.4
134	6.2	04049.6	-2230.5	224	8.0	10945.8	-2234.7	314	9.8	14817.3	-2256.9	404	8.9	21724.8	-2207.3
135	9.8	04105.4	-2205.2	225	10.	11101.8	-2220.7	315	9.5	14821.4	-2228.5	405	9.1	21800.7	-2224.0
136	9.3	04141.1	-2231.9	226	9.4	11102.9	-2213.1	316	10.	14822.5	-2240.2	406	9.8	21804.5	-2212.8
137	9.8	04141.1	-2218.0	227	8.6	11247.6	-2212.8	317	9.8	14826.4	-2216.4	407	9.0	21825.8	-2211.5
138	8.2	04207.6	-2211.4	228	9.8	11337.7	-2213.4	318	8.6	14839.0	-2245.5	408	9.1	21835.9	-2240.0
139	7.8	04246.3	-2253.6	229	9.0	11407.6	-2254.0	319	9.8	14841.2	-2223.4	409	7.8	21844.2	-2228.1
140	9.5	04315.2	-2236.8	230	10.	11444.1	-2252.6	320	9.1	14902.0	-2243.1	410	9.5	21848.8	-2229.1
141	9.1	04409.4	-2214.8	231	8.8	11446.5	-2210.1	321	8.3	14908.4	-2232.0	411	9.8	21858.6	-2215.7
142	9.8	04434.8	-2237.0	232	9.5	11447.6	-2254.9	322	10.	14930.0	-2259.4	412	9.5	21939.7	-2218.4
143	9.9	04445.9	-2257.2	233	9.8	11457.4	-2201.8	323	10.	15026.0	-2253.0	413	9.1	21944.4	-2241.0
144	9.1	04447.1	-2212.0	234	9.0	11500.0	-2242.8	324	9.0	15053.5	-2221.8	414	9.3	22008.2	-2252.5
145	9.3	04518.4	-2256.1	235	8.0	11506.4	-2217.6	325	8.0	15100.6	-2236.9	415	9.6	22016.9	-2235.5
146	9.2	04531.2	-2219.4	236	9.4	11532.2	-2232.7	326	9.8	15110.6	-2225.5	416	9.4	22034.2	-2254.5
147	7.8	04531.5	-2213.1	237	7.9	11544.4	-2211.0	327	10.	15122.9	-2202.7	417	9.4	22133.1	-2254.1
148	9.3	04558.4	-2223.9	238	9.6	11606.5	-2209.1	328	9.0	15201.7	-2254.3	418	9.2	22133.5	-2200.3
149	10.	04619.0	-2251.4	239	9.5	11626.1	-2221.2	329	9.1	15205.2	-2253.9	419	9.2	22146.9	-2225.1
150	8.5	04624.5	-2259.7	240	8.6	11713.2	-2242.3	330	8.5	15216.4	-2258.7	420	9.7	22156.5	-2201.0
151	9.5	04645.5	-2201.7	241	8.5	11716.7	-2230.5	331	9.2	15216.6	-2257.1	421	9.5	22217.6	-2237.9
152	8.5	04646.5	-2204.8	242	9.4	11723.2	-2255.2	332	9.5	15221.9	-2249.2	422	8.4	22222.1	-2213.2
153	9.0	04711.0	-2243.5	243	10.	11739.6	-2203.8	333	9.5	15336.8	-2258.4	423	9.0	22248.3	-2257.4
154	10.	04730.7	-2210.0	244	9.0	11755.3	-2246.3	334	8.2	15342.5	-2246.9	424	9.0	22252.7	-2205.0
155	8.5	04731.6	-2215.4	245	10.	11756.9	-2222.1	335	9.7	15355.1	-2228.3	425	9.5	22324.0	-2249.5
156	9.9	04739.6	-2210.7	246	9.6	11917.4	-2257.0	336	9.5	15411.7	-2241.4	426	9.5	22327.3	-2252.7
157	9.3	04742.0	-2231.0	247	10.	11932.8	-2248.8	337	9.8	15423.2	-2219.5	427	9.5	22357.4	-2211.1
158	9.2	04801.0	-2226.7	248	9.7	12012.7	-2214.6	338	9.0	15503.6	-2259.7	428	9.5	22359.5	-2244.9
159	9.4	04805.3	-2212.0	249	9.4	12017.4	-2239.2	339	8.4	15514.2	-2225.9	429	9.4	22359.6	-2232.0
160	9.3	04808.4	-2249.6	250	9.3	12056.0	-2253.8	340	9.7	15530.7	-2245.5	430	9.4	22403.7	-2240.1
161	8.0	04812.1	-2243.2	251	7.0	12102.0	-2247.5	341	7.0	15548.5	-2240.2	431	9.6	22422.5	-2215.2
162	9.4	04839.5	-2233.6	252	8.5	12109.1	-2218.4	342	9.0	15606.1	-2247.8	432	9.8	22446.4	-2230.5

433	10.	22455.9	-2210.1	523	10.	25157.4	-2217.7	613	9.7	32144.5	-2208.5	703	9.2	34753.6	-2247.9
434	9.0	22458.8	-2243.5	524	9.3	25231.5	-2206.7	614	9.5	32316.9	-2238.6	704	8.8	34807.3	-2215.8
435	9.1	22524.9	-2254.9	525	9.3	25324.9	-2253.1	615	9.5	32316.9	-2223.8	705	9.3	34814.2	-2209.7
436	9.1	22534.6	-2225.4	526	9.7	25458.0	-2201.4	616	9.7	32356.7	-2247.6	706	9.4	34816.9	-2210.0
437	9.4	22535.7	-2235.5	527	9.8	25507.1	-2223.5	617	9.4	32401.6	-2233.7	707	9.9	34833.0	-2241.8
438	8.8	22538.8	-2208.8	528	9.4	25507.6	-2210.1	618	9.0	32420.3	-2249.2	708	9.5	34845.7	-2249.6
439	9.2	22654.7	-2218.9	529	8.9	25516.5	-2241.4	619	9.2	32429.5	-2257.8	709	9.0	34846.3	-2213.8
440	9.5	22712.1	-2225.8	530	8.1	25541.8	-2219.6	620	10.	32457.2	-2240.5	710	9.8	34904.6	-2215.8
441	9.8	22720.4	-2237.9	531	9.3	25548.2	-2224.7	621	9.8	32459.8	-2219.5	711	9.1	34917.4	-2215.8
442	9.6	22742.7	-2224.2	532	9.2	25552.2	-2256.9	622	9.7	32605.8	-2202.0	712	8.3	34918.5	-2201.0
443	9.7	22746.5	-2253.1	533	9.3	25553.8	-2230.5	623	9.5	32607.5	-2222.9	713	9.1	34925.1	-2217.7
444	6.8	22759.0	-2234.0	534	9.7	25604.0	-2205.6	624	9.4	32614.0	-2224.0	714	9.8	34939.8	-2200.2
445	7.0	22921.2	-2202.1	535	7.7	25624.2	-2225.3	625	9.5	32634.6	-2206.5	715	9.8	34952.6	-2244.5
446	9.4	22931.8	-2228.0	536	8.8	25637.1	-2258.7	626	10.	32636.9	-2215.5	716	9.4	34952.7	-2249.5
447	9.8	22940.6	-2202.0	537	9.4	25707.7	-2209.6	627	8.8	32721.0	-2225.3	717	9.4	35043.5	-2223.5
448	9.4	22949.1	-2245.1	538	9.0	25725.9	-2227.6	628	3.8	32722.3	-2207.4	718	9.6	35051.5	-2211.7
449	9.3	22954.7	-2253.6	539	10.	25734.6	-2219.0	629	8.8	32753.1	-2231.6	719	8.8	35133.0	-2254.0
450	9.1	23040.1	-2244.5	540	9.4	25801.8	-2258.5	630	9.9	32811.9	-2241.1	720	9.8	35215.2	-2210.4
451	10.	23042.9	-2219.4	541	9.2	25820.6	-2213.0	631	8.5	32815.3	-2238.1	721	9.8	35220.3	-2220.5
452	9.6	23114.6	-2242.7	542	10.	25839.5	-2230.2	632	8.9	32907.3	-2220.7	722	9.3	35238.1	-2229.1
453	10.	23126.0	-2238.4	543	9.8	25849.2	-2234.3	633	9.5	32944.8	-2211.3	723	9.1	35304.7	-2201.8
454	8.5	23126.2	-2245.8	544	9.0	25856.6	-2244.5	634	9.2	32951.5	-2247.6	724	9.3	35328.9	-2219.1
455	9.7	23217.1	-2201.1	545	10.	25859.1	-2224.8	635	8.0	33028.8	-2258.1	725	9.5	35353.8	-2239.8
456	9.2	23233.6	-2217.8	546	9.9	25912.7	-2223.1	636	9.5	33038.2	-2228.3	726	9.5	35424.2	-2208.7
457	9.3	23303.2	-2239.0	547	9.5	25928.3	-2226.4	637	8.7	33044.9	-2216.1	727	7.7	35455.8	-2240.9
458	9.7	23325.5	-2231.6	548	9.4	25934.0	-2222.6	638	8.5	33132.4	-2234.6	728	10.	35508.5	-2208.4
459	9.3	23328.9	-2258.2	549	9.1	30052.3	-2236.7	639	8.3	33155.0	-2244.7	729	9.8	35513.2	-2253.2
460	8.0	23401.3	-2212.1	550	9.5	30113.8	-2248.3	640	10.	33201.0	-2208.9	730	9.0	35523.6	-2230.4
461	8.5	23420.1	-2233.0	551	9.5	30129.0	-2231.5	641	9.4	33206.6	-2221.7	731	9.5	35525.9	-2218.8
462	9.5	23501.2	-2238.0	552	9.2	30210.6	-2215.7	642	9.4	33208.5	-2220.4	732	9.3	35543.3	-2212.0
463	9.6	23529.5	-2255.2	553	9.6	30211.1	-2200.2	643	9.4	33242.3	-2212.7	733	8.8	35550.1	-2203.4
464	9.2	23540.7	-2211.3	554	9.4	30227.2	-2212.0	644	8.0	33254.6	-2247.8	734	9.3	35606.2	-2226.8
465	8.3	23552.5	-2205.1	555	9.6	30236.1	-2201.4	645	9.5	33303.2	-2226.8	735	8.8	35626.6	-2223.4
466	10.	23553.0	-2211.2	556	8.8	30238.9	-2223.4	646	9.4	33309.5	-2237.5	736	7.0	35631.3	-2259.6
467	9.0	23554.0	-2226.4	557	9.6	30254.5	-2259.8	647	9.6	33336.3	-2254.4	737	9.3	35708.3	-2235.5
468	9.6	23617.5	-2208.5	558	9.3	30333.3	-2244.1	648	8.3	33342.0	-2238.6	738	9.4	35717.1	-2222.1
469	9.8	23631.2	-2224.7	559	8.5	30348.4	-2214.8	649	8.6	33402.4	-2259.4	739	9.3	35722.5	-2206.2
470	9.8	23730.1	-2221.0	560	8.7	30359.1	-2218.0	650	9.0	33414.8	-2225.4	740	9.8	35728.9	-2210.3
471	9.5	23739.1	-2239.2	561	9.1	30426.2	-2233.3	651	9.8	33445.9	-2222.8	741	8.3	35729.4	-2204.0
472	9.4	23751.5	-2242.5	562	9.4	30432.6	-2226.1	652	8.8	33456.0	-2236.1	742	9.8	35754.1	-2217.8
473	9.6	23803.4	-2218.1	563	9.3	30441.0	-2226.5	653	9.5	33512.8	-2252.6	743	9.7	35829.1	-2220.5
474	7.2	23827.9	-2246.8	564	10.	30512.4	-2219.0	654	9.0	33550.9	-2254.6	744	8.3	35855.7	-2230.8
475	10.	23853.6	-2207.8	565	9.6	30534.8	-2215.3	655	9.6	33553.9	-2207.6	745	9.8	35915.8	-2256.0
476	10.	23914.4	-2204.4	566	9.5	30539.1	-2223.6	656	9.4	33613.5	-2223.3	746	9.4	35919.3	-2256.9
477	7.3	23950.5	-2216.3	567	10.	30624.9	-2205.6	657	8.3	33616.8	-2206.4	747	8.8	35946.3	-2231.6
478	9.5	23954.6	-2251.4	568	8.7	30701.3	-2231.0	658	9.0	33624.2	-2202.0	748	9.9	35947.9	-2207.0
479	6.6	24009.3	-2215.2	569	8.7	30736.5	-2242.5	659	8.5	33657.1	-2204.6	749	9.0	40001.9	-2255.5
480	9.1	24032.0	-2218.6	570	9.5	30745.8	-2222.0	660	9.5	33704.8	-2218.9	750	9.0	40002.3	-2214.7
481	9.4	24057.5	-2235.8	571	10.	30745.9	-2214.5	661	9.8	33716.4	-2203.0	751	9.1	40014.6	-2249.4
482	9.7	24120.1	-2221.2	572	8.7	30820.0	-2217.3	662	8.6	33733.3	-2215.8	752	9.5	40017.0	-2209.5
483	9.7	24137.7	-2216.2	573	9.2	30905.6	-2243.9	663	9.2	33735.7	-2211.3	753	8.5	40024.6	-2203.9
484	10.	24159.3	-2252.2	574	9.5	30909.5	-2245.0	664	9.0	33744.3	-2200.2	754	6.3	40041.7	-2222.5
485	9.1	24246.8	-2215.7	575	9.6	31003.7	-2219.5	665	8.7	33745.5	-2221.8	755	9.5	40047.9	-2232.1
486	10.	24305.5	-2215.2	576	9.0	31019.1	-2244.7	666	9.3	33831.6	-2201.7	756	9.0	40048.5	-2247.2
487	8.3	24308.5	-2219.5	577	8.3	31022.5	-2237.3	667	8.3	33834.5	-2202.7	757	9.6	40049.5	-2231.1
488	9.5	24316.2	-2244.6	578	10.	31023.3	-2210.0	668	9.8	33852.1	-2222.8	758	9.9	40105.0	-2237.6
489	8.9	24336.3	-2246.4	579	9.8	31138.5	-2201.0	669	9.2	33852.4	-2225.7	759	9.5	40109.9	-2247.0
490	9.0	24405.4	-2209.0	580	9.3	31143.4	-2259.7	670	9.5	33856.5	-2231.9	760	9.0	40207.9	-2216.9
491	9.1	24415.8	-2246.2	581	9.1	31150.5	-2227.9	671	9.0	33908.3	-2248.2	761	9.1	40221.6	-2219.3
492	8.5	24436.1	-2201.4	582	9.8	31241.0	-2204.9	672	8.2	33908.9	-2234.2	762	9.5	40234.4	-2232.4
493	9.2	24439.5	-2258.3	583	9.1	31257.1	-2254.5	673	9.8	33931.5	-2254.3	763	8.7	40237.6	-2213.5
494	8.6	24447.5	-2214.9	584	4.0	31303.5	-2216.9	674	9.4	33938.9	-2234.6	764	9.5	40304.5	-2235.3
495	9.1	24507.2	-2246.6	585	9.5	31307.2	-2227.2	675	9.0	34002.4	-2225.2	765	9.5	40315.3	-2224.8
496	9.1	24508.4	-2206.4	586	9.3	31313.0	-2257.1	676	9.5	34026.8	-2221.4	766	9.0	40340.1	-2240.5
497	9.2	24517.8	-2225.3	587	9.4	31343.1	-2244.8	677	9.8	34050.0	-2217.3	767	9.5	40423.5	-2227.0
498	9.0	24517.9	-2248.7	588	10.	31356.0	-2218.7	678	10.	34051.1	-2206.4	768	9.5	40453.0	-2229.7
499	9.4	24603.6	-2259.4	589	9.8	31426.7	-2221.0	679	9.0	34055.0	-2227.9	769	10.	40533.2	-2215.7
500	9.3	24626.4	-2218.3	590	9.8	31432.8	-2256.5	680	7.8	34147.4	-2201.3	770	9.0	40538.0	-2229.2
501	9.5	24635.5	-2250.1	591	9.0	31442.5	-2204.8	681	9.5	34150.0	-2214.1	771	9.3	40628.6	-2210.9
502	7.2	24647.4	-2241.4	592	9.1	31527.4	-2207.4	682	8.7	34202.0	-2238.5	772	9.2	40635.8	-2203.0
503	6.3	24703.6	-2258.4	593	8.5	31535.9	-2237.3	683	9.4	34202.1	-2252.0	773	9.5	40700.5	-2259.2
504	9.4	24713.6	-2258.0	594	9.8	31609.2	-2207.6	684	9.1	34202.6	-2242.6	774	9.2	40703.8	-2230.0
505	9.3	24715.6	-2215.7	595	9.8	31614.1	-2201.1	685	9.5	34210.9	-2247.3	775	9.4	40716.2	-2221.8
506	9.7	24742.7	-2224.4	596	9.3	31616.7	-2218.7	686	9.8	34222.5	-2210.0	776	9.0	40718.8	-2205.4
507	9.9	24816.8	-2240.4	597	9.2	31701.5	-2214.6	687	9.4	34224.7	-2248.2	777	8.8	40736.4	-2252.3
508	9.4	24835.7	-2247.6	598	9.0	31702.1	-2203.5	688	9.7	34322.3	-2214.6	778	9.5	40737.5	-2249.7
509	9.7	24837.1	-2228.9	599	9.8	31717.3	-2249.2	689	8.7	34339.6	-2223.8	779	9.4	40740.7	-2224.3
510	9.6	24837.8	-2223.5	600	9.5	31720.1	-2246.3	690	9.8	34404.8	-2208.1	780	9.0	40809.5	-2219.8
511	9.0	24906.2	-2201.0	601	8.4	31757.4	-2210.8	691	9.7	34405.9	-2252.4	781	9.3	40819.5	-2219.4
512	9.6	24909.7	-2212.4	602	10.	31817.2	-2201.0	692	9.6	34412.7	-2235.6	782	8.8	40852.0	-2221.2
513	10.	24913.7	-2201.4	603	9.5	31837.0	-2230.7	693	8.8	34528.2	-2253.2	783	9.3	40902.5	-2235.6
514	9.2	24925.8	-2212.3	604	9.0	31902.4	-2230.0	694	9.5	34540.6	-2221.5	784	9.1	40922.1	-2229.7
515	8.5	25006.3	-2254.1	605	8.5	31931.9	-2234.9	695	9.0	34541.5	-2239.6	785	8.8	40924.0	-2252.3
516	9.4	25008.0	-2228.0	606	8.9	31943.6	-2240.7	696	8.7	34624.3	-2219.0	786	9.7	40926.8	-2218.0
517	9.1	25028.6	-2200.4	607	8.7	32020.9	-2210.5	697	7.0	34631.5	-2242.6	787	6.8	40936.2	-2230.7
518	9.2	25040.5	-2240.7	608	9.4	32021.6	-2202.7	698	9.4	34653.4	-2251.0	788	9.5	40944.1	-2229.6
519	9.1	25044.2	-2242.7	609	9.4	32034.0	-2235.8	699	9.9	34658.7	-2222.5	789	9.0	40946.6	-2201.2
520	8.7	25115.7	-2249.0	610	9.6	32041.5	-2226.0	700	9.4	34703.4	-2222.3	790	10.	40949.9	-2240.1
521	10.	25117.0	-2212.1	611	9.3	32042.3	-2251.2	701	9.5	34743.3	-2233.8	791	9.2	40950.3	-2249.4
522	9.8	25132.8	-2208.5	612	9.4	32123.4	-2257.2	702	8.5	34750.6	-2249.0	792	8.8	40955.6	-2254.9

793	9.5	41001.8	-2211.2	883	9.3	43513.9	-2239.9	973	9.0	45418.6	-2228.7	1063	10.	51055.7	-2203.6
794	10.	41004.7	-2232.5	884	9.6	43530.1	-2203.3	974	9.0	45446.3	-2249.1	1064	9.4	51103.9	-2214.6
795	8.5	41053.3	-2240.6	885	9.6	43540.4	-2203.0	975	9.0	45459.9	-2257.1	1065	9.2	51135.4	-2227.6
796	10.	41108.3	-2204.9	886	9.5	43540.4	-2243.5	976	9.7	45500.3	-2252.5	1066	9.0	51148.6	-2257.1
797	9.4	41110.2	-2233.1	887	8.8	43551.9	-2253.3	977	9.0	45517.7	-2236.0	1067	9.4	51151.5	-2228.4
798	9.7	41120.3	-2206.1	888	9.9	43607.6	-2215.7	978	9.0	45535.0	-2214.3	1068	9.6	51215.9	-2255.1
799	9.4	41126.0	-2222.2	889	9.6	43617.3	-2233.4	979	9.8	45537.2	-2232.1	1069	9.2	51238.0	-2236.3
800	8.9	41134.7	-2253.7	890	9.9	43622.3	-2232.8	980	9.5	45541.3	-2247.5	1070	8.7	51238.5	-2222.2
801	8.9	41140.9	-2243.6	891	9.0	43630.2	-2207.0	981	8.8	45557.0	-2217.8	1071	8.4	51244.5	-2235.2
802	9.4	41215.6	-2221.6	892	10.	43636.6	-2236.3	982	9.8	45600.6	-2256.3	1072	8.2	51252.6	-2208.1
803	9.8	41222.0	-2248.2	893	9.8	43643.2	-2216.6	983	9.1	45619.0	-2210.0	1073	9.0	51303.7	-2251.0
804	9.3	41248.2	-2225.0	894	9.3	43643.4	-2212.7	984	9.3	45625.4	-2259.5	1074	8.8	51309.4	-2224.1
805	9.3	41311.0	-2252.2	895	8.5	43646.8	-2230.2	985	9.5	45653.9	-2209.1	1075	9.8	51338.7	-2256.4
806	9.2	41329.0	-2202.5	896	8.2	43653.4	-2236.0	986	9.2	45657.7	-2217.4	1076	8.0	51340.6	-2241.8
807	9.3	41342.6	-2214.4	897	9.3	43716.5	-2208.4	987	9.4	45706.6	-2220.2	1077	9.5	51348.9	-2242.1
808	9.2	41346.5	-2213.1	898	9.2	43719.9	-2241.8	988	9.1	45711.7	-2233.9	1078	9.2	51356.1	-2243.4
809	7.2	41531.3	-2206.8	899	9.8	43725.4	-2239.8	989	9.3	45715.8	-2244.4	1079	9.1	51417.3	-2225.1
810	9.8	41532.8	-2234.1	900	9.1	43755.8	-2232.5	990	9.5	45726.4	-2218.6	1080	9.5	51417.7	-2249.9
811	9.1	41548.1	-2248.4	901	9.5	43806.5	-2249.0	991	9.7	45752.5	-2209.3	1081	8.6	51423.1	-2226.1
812	9.6	41643.4	-2237.8	902	9.3	43831.0	-2241.6	992	9.3	45757.2	-2225.3	1082	8.6	51428.1	-2234.0
813	8.0	41652.2	-2227.7	903	9.2	43840.5	-2257.3	993	9.1	45800.9	-2200.1	1083	9.5	51428.5	-2214.5
814	9.4	41728.7	-2223.9	904	8.9	43851.9	-2222.6	994	9.5	45839.0	-2203.2	1084	10.	51448.2	-2259.2
815	9.2	41732.4	-2234.6	905	9.2	43904.5	-2246.5	995	8.7	45840.6	-2206.5	1085	9.1	51453.4	-2250.8
816	9.0	41738.2	-2244.9	906	9.7	43910.5	-2206.2	996	9.0	45852.3	-2227.5	1086	9.8	51517.6	-2210.8
817	9.5	41801.8	-2229.3	907	9.5	43912.4	-2238.2	997	9.5	45859.9	-2253.4	1087	9.6	51527.7	-2246.9
818	8.9	41809.8	-2204.6	908	9.5	43922.2	-2242.4	998	9.7	45913.2	-2247.8	1088	9.4	51546.5	-2231.0
819	8.2	41826.4	-2212.4	909	9.5	43922.3	-2218.7	999	9.6	45916.1	-2244.1	1089	8.5	51557.6	-2235.0
820	9.5	41915.8	-2240.0	910	9.4	43929.9	-2229.0	1000	8.7	45919.1	-2234.0	1090	9.7	51619.2	-2214.9
821	9.8	41922.1	-2241.5	911	9.3	43933.0	-2242.9	1001	9.6	45926.0	-2206.9	1091	9.5	51621.6	-2231.7
822	9.8	41940.8	-2216.6	912	10.	43933.1	-2205.3	1002	8.7	45937.7	-2242.9	1092	9.4	51635.3	-2202.3
823	9.8	41959.1	-2213.6	913	9.0	44029.4	-2233.9	1003	9.1	45943.8	-2252.0	1093	9.0	51647.2	-2256.4
824	9.0	42002.5	-2209.3	914	9.1	44052.5	-2253.1	1004	9.4	45947.1	-2218.6	1094	10.	51654.2	-2241.9
825	9.3	42002.5	-2225.9	915	9.2	44102.3	-2228.5	1005	9.3	45948.2	-2221.0	1095	9.3	51706.6	-2230.2
826	9.1	42022.3	-2258.2	916	8.3	44113.5	-2249.0	1006	9.2	45956.7	-2223.0	1096	9.3	51707.3	-2224.2
827	9.7	42055.5	-2238.7	917	9.5	44213.4	-2221.8	1007	8.8	45959.9	-2255.2	1097	9.0	51714.1	-2224.4
828	10.	42120.3	-2226.2	918	9.8	44231.7	-2207.0	1008	9.8	50002.7	-2204.9	1098	9.2	51717.9	-2209.9
829	9.7	42126.1	-2256.1	919	9.4	44252.0	-2239.9	1009	9.9	50016.6	-2212.5	1099	7.3	51731.0	-2226.7
830	9.4	42142.2	-2239.1	920	7.9	44259.0	-2208.6	1010	10.	50017.5	-2210.1	1100	9.8	51748.6	-2227.8
831	9.3	42200.5	-2206.6	921	10.	44301.9	-2202.0	1011	9.6	50052.8	-2252.1	1101	9.1	51757.6	-2234.1
832	9.5	42201.4	-2229.5	922	9.8	44302.0	-2213.1	1012	8.5	50110.4	-2250.6	1102	9.1	51830.7	-2234.2
833	10.	42227.9	-2210.4	923	9.8	44307.1	-2254.0	1013	10.	50115.7	-2207.0	1103	8.8	51838.1	-2230.4
834	10.	42242.3	-2221.6	924	8.4	44308.6	-2259.2	1014	9.4	50123.3	-2247.4	1104	9.5	51912.6	-2220.8
835	9.3	42259.1	-2255.3	925	9.6	44319.5	-2242.8	1015	9.7	50131.9	-2240.1	1105	9.0	51914.2	-2239.6
836	10.	42300.7	-2215.7	926	9.2	44331.6	-2230.6	1016	9.0	50133.2	-2249.5	1106	8.3	51950.3	-2252.4
837	9.2	42302.8	-2251.5	927	9.8	44344.8	-2229.6	1017	9.9	50137.0	-2256.5	1107	9.5	52011.4	-2259.0
838	8.5	42307.5	-2250.2	928	8.9	44346.5	-2229.7	1018	8.4	50201.3	-2252.3	1108	9.0	52035.7	-2238.9
839	9.2	42313.8	-2242.4	929	9.5	44346.7	-2250.5	1019	9.3	50208.9	-2250.4	1109	8.7	52038.2	-2237.1
840	9.1	42345.5	-2229.0	930	9.8	44427.2	-2202.5	1020	9.4	50236.4	-2241.1	1110	9.3	52045.9	-2257.6
841	10.	42421.7	-2210.6	931	10.	44435.6	-2240.2	1021	9.7	50249.7	-2205.3	1111	8.8	52048.7	-2242.0
842	9.4	42424.2	-2257.5	932	9.5	44449.6	-2250.3	1022	8.0	50255.5	-2249.5	1112	10.	52056.9	-2236.8
843	9.6	42439.2	-2205.8	933	8.3	44523.5	-2234.2	1023	9.6	50306.6	-2208.7	1113	9.2	52058.1	-2226.1
844	9.7	42454.8	-2246.7	934	9.3	44524.9	-2225.0	1024	9.4	50306.7	-2227.2	1114	9.5	52058.6	-2233.3
845	9.2	42547.8	-2257.7	935	9.6	44555.0	-2244.7	1025	10.	50311.6	-2222.5	1115	9.3	52101.1	-2225.6
846	9.7	42551.9	-2203.8	936	9.0	44615.3	-2222.9	1026	9.4	50318.3	-2220.8	1116	9.0	52134.7	-2231.7
847	9.5	42636.7	-2240.0	937	9.4	44629.5	-2232.2	1027	9.3	50333.0	-2219.4	1117	9.7	52136.1	-2215.8
848	9.5	42637.8	-2254.3	938	9.3	44633.6	-2242.9	1028	7.6	50334.4	-2241.2	1118	9.5	52149.7	-2256.1
849	9.8	42643.4	-2215.1	939	8.8	44652.7	-2208.0	1029	8.8	50342.8	-2229.4	1119	9.4	52151.2	-2227.2
850	9.4	42654.0	-2208.7	940	9.1	44704.7	-2256.2	1030	9.1	50352.4	-2206.9	1120	9.5	52157.4	-2201.4
851	9.7	42722.3	-2210.2	941	9.8	44706.3	-2205.9	1031	10.	50353.7	-2200.4	1121	9.8	52211.0	-2221.3
852	9.6	42820.5	-2202.6	942	9.5	44712.0	-2225.4	1032	9.8	50407.4	-2243.9	1122	6.6	52215.7	-2233.6
853	9.0	42821.4	-2224.7	943	9.4	44724.5	-2225.6	1033	9.2	50425.5	-2249.9	1123	9.1	52224.9	-2259.7
854	9.4	42837.0	-2213.3	944	9.2	44745.5	-2225.7	1034	8.8	50448.5	-2243.0	1124	9.5	52248.1	-2248.9
855	9.4	42858.9	-2256.9	945	9.3	44749.2	-2247.0	1035	9.3	50451.2	-2241.4	1125	9.4	52254.6	-2244.4
856	9.5	42904.1	-2246.4	946	9.8	44752.1	-2236.2	1036	9.3	50454.3	-2228.2	1126	8.9	52310.6	-2205.7
857	9.7	42927.4	-2218.6	947	9.4	44805.4	-2206.5	1037	8.5	50514.8	-2221.0	1127	10.	52315.9	-2218.8
858	9.0	42933.1	-2225.6	948	8.8	44833.5	-2220.5	1038	9.5	50553.4	-2236.7	1128	10.	52325.4	-2231.4
859	9.7	42946.1	-2214.6	949	9.8	44852.2	-2255.8	1039	9.6	50605.5	-2202.6	1129	8.0	52334.1	-2250.2
860	9.6	42954.6	-2202.0	950	9.0	44902.9	-2203.1	1040	9.3	50620.9	-2224.4	1130	10.	52345.4	-2225.8
861	8.0	43010.2	-2233.3	951	9.3	44903.6	-2233.7	1041	8.0	50641.5	-2241.1	1131	8.9	52348.8	-2218.6
862	9.4	43024.2	-2230.0	952	9.0	44941.4	-2220.2	1042	9.7	50652.5	-2209.2	1132	9.5	52353.9	-2200.2
863	8.2	43028.2	-2234.6	953	9.5	44942.8	-2209.0	1043	8.6	50719.6	-2212.0	1133	9.8	52411.1	-2211.9
864	8.6	43039.7	-2236.0	954	10.	44943.8	-2206.7	1044	9.8	50721.0	-2237.5	1134	9.3	52421.6	-2246.8
865	9.7	43041.1	-2210.3	955	9.2	44954.4	-2207.3	1045	9.3	50732.4	-2229.9	1135	8.8	52427.2	-2255.7
866	9.4	43059.8	-2201.6	956	9.7	44957.0	-2213.3	1046	9.2	50738.5	-2246.6	1136	9.4	52505.3	-2220.4
867	7.0	43102.4	-2254.9	957	9.4	45003.7	-2241.0	1047	9.5	50739.1	-2250.9	1137	10.	52517.1	-2204.5
868	9.7	43130.0	-2204.5	958	9.7	45040.8	-2207.8	1048	10.	50744.8	-2202.7	1138	9.5	52526.8	-2234.2
869	9.3	43141.3	-2241.2	959	8.2	45047.2	-2216.0	1049	9.5	50747.1	-2255.2	1139	9.4	52535.5	-2259.3
870	9.8	43208.9	-2211.8	960	8.5	45110.7	-2212.7	1050	9.5	50748.8	-2209.1	1140	9.5	52550.9	-2231.7
871	9.5	43228.4	-2218.1	961	9.2	45121.1	-2237.5	1051	9.0	50811.0	-2243.6	1141	8.6	52557.5	-2220.1
872	9.0	43246.7	-2226.8	962	10.	45137.3	-2254.4	1052	9.3	50826.0	-2241.4	1142	9.8	52558.3	-2216.5
873	9.5	43246.8	-2252.8	963	9.6	45139.5	-2223.3	1053	9.9	50829.3	-2226.8	1143	9.5	52604.9	-2240.2
874	9.8	43302.0	-2212.5	964	7.1	45154.9	-2214.4	1054	9.5	50848.2	-2205.3	1144	9.8	52624.5	-2231.9
875	9.5	43307.9	-2253.7	965	9.5	45159.6	-2208.2	1055	9.8	50900.9	-2221.1	1145	9.8	52637.1	-2242.9
876	9.8	43325.4	-2219.0	966	9.5	45218.2	-2239.6	1056	9.5	50913.8	-2221.9	1146	9.5	52653.2	-2220.9
877	9.5	43326.0	-2256.9	967	9.2	45248.1	-2224.0	1057	9.0	50926.8	-2212.3	1147	10.	52656.6	-2205.8
878	8.0	43353.8	-2254.1	968	9.0	45250.2	-2252.6	1058	10.	50947.2	-2204.9	1148	9.4	52708.0	-2202.1
879	9.8	43419.6	-2210.9	969	8.8	45325.8	-2205.1	1059	9.7	51004.0	-2206.1	1149	9.8	52728.8	-2216.6
880	9.7	43436.8	-2208.1	970	7.8	45329.1	-2237.5	1060	8.0	51044.0	-2215.8	1150	9.8	52730.6	-2256.6
881	9.1	43441.9	-2234.4	971	9.4	45343.2	-2239.3	1061	9.9	51052.5	-2229.7	1151	9.1	52739.1	-2254.5
882	8.9	43451.8	-2240.0	972	10.	45401.4	-2200.8	1062	10.	51055.0	-2231.8	1152	9.8	52743.5	-2245.2

1153	8.7	52748.6	-2250.4	1243	8.7	54424.7	-2236.7	1333	9.1	60441.0	-2203.5	1423	9.5	62222.6	-2236.5
1154	9.8	52802.5	-2242.5	1244	9.1	54455.3	-2215.3	1334	9.9	60458.1	-2220.7	1424	9.5	62232.1	-2239.4
1155	9.3	52804.1	-2214.0	1245	9.3	54508.3	-2249.0	1335	9.4	60502.4	-2223.1	1425	9.4	62250.1	-2238.2
1156	9.5	52808.0	-2241.7	1246	6.9	54524.8	-2257.8	1336	8.7	60508.8	-2248.2	1426	9.3	62254.5	-2213.7
1157	10.	52809.3	-2200.2	1247	9.4	54526.4	-2213.4	1337	9.1	60535.3	-2252.2	1427	9.8	62308.8	-2224.5
1158	9.8	52837.2	-2230.6	1248	9.8	54531.1	-2255.5	1338	10.	60540.0	-2204.1	1428	9.5	62315.9	-2224.7
1159	9.3	52840.1	-2243.5	1249	9.0	54532.1	-2204.1	1339	9.2	60542.2	-2246.4	1429	7.0	62319.5	-2230.0
1160	9.7	52848.3	-2213.6	1250	9.6	54536.4	-2259.9	1340	9.7	60542.9	-2242.1	1430	9.7	62333.1	-2204.9
1161	9.5	52848.7	-2247.7	1251	9.5	54617.9	-2228.1	1341	9.7	60600.1	-2207.9	1431	9.5	62334.4	-2224.5
1162	9.6	52855.6	-2203.3	1252	9.7	54625.7	-2249.4	1342	8.5	60626.8	-2220.9	1432	9.8	62344.3	-2236.7
1163	9.7	52921.8	-2212.8	1253	9.5	54641.5	-2200.1	1343	8.5	60627.6	-2231.5	1433	9.5	62350.3	-2237.4
1164	9.8	52948.5	-2235.9	1254	9.0	54705.8	-2230.3	1344	9.7	60658.1	-2206.2	1434	7.5	62431.8	-2213.3
1165	9.8	52951.9	-2221.1	1255	9.4	54713.4	-2224.0	1345	9.8	60715.9	-2205.9	1435	9.6	62436.9	-2200.5
1166	10.	53012.0	-2241.2	1256	8.2	54715.3	-2224.5	1346	9.6	60717.0	-2217.1	1436	9.8	62442.8	-2221.4
1167	9.5	53017.5	-2230.5	1257	9.7	54800.4	-2210.4	1347	9.2	60719.0	-2230.8	1437	9.5	62449.6	-2207.0
1168	9.8	53056.4	-2200.2	1258	9.3	54831.4	-2225.0	1348	9.8	60726.7	-2215.0	1438	9.7	62535.6	-2206.9
1169	9.0	53059.2	-2258.2	1259	9.0	54839.6	-2252.0	1349	9.2	60727.7	-2245.1	1439	9.7	62536.1	-2243.2
1170	8.5	53105.3	-2255.5	1260	9.1	54903.3	-2226.8	1350	9.0	60731.0	-2259.9	1440	9.7	62544.7	-2204.6
1171	8.5	53127.7	-2250.1	1261	9.2	54924.1	-2240.7	1351	9.7	60801.6	-2217.6	1441	9.6	62547.0	-2203.1
1172	9.3	53134.0	-2226.1	1262	9.5	54931.2	-2247.6	1352	9.8	60814.4	-2240.5	1442	9.5	62643.7	-2214.1
1173	9.4	53140.6	-2205.8	1263	9.8	54932.4	-2219.3	1353	9.3	60814.6	-2251.5	1443	9.8	62645.0	-2202.2
1174	9.5	53155.7	-2208.1	1264	9.8	54940.0	-2235.5	1354	8.4	60828.5	-2210.8	1444	9.5	62645.2	-2248.1
1175	9.5	53211.7	-2248.9	1265	9.1	54945.3	-2209.0	1355	10.	60858.4	-2254.6	1445	9.8	62651.9	-2229.4
1176	9.5	53232.2	-2224.0	1266	9.3	54950.7	-2246.8	1356	8.7	60934.4	-2208.7	1446	8.3	62704.0	-2230.0
1177	9.5	53234.4	-2222.3	1267	10.	54954.0	-2255.8	1357	9.8	60948.0	-2208.5	1447	8.0	62712.0	-2257.5
1178	9.5	53237.5	-2204.8	1268	8.7	55004.5	-2217.5	1358	9.0	60952.2	-2242.2	1448	9.2	62731.9	-2259.9
1179	9.8	53244.7	-2248.9	1269	6.7	55009.8	-2252.1	1359	9.4	60953.1	-2244.3	1449	9.2	62733.8	-2246.3
1180	9.3	53245.4	-2223.8	1270	9.0	55018.6	-2240.5	1360	9.5	61016.2	-2241.5	1450	9.1	62736.1	-2235.5
1181	9.5	53300.1	-2244.5	1271	9.2	55040.9	-2219.3	1361	9.5	61025.5	-2228.0	1451	9.0	62747.1	-2209.5
1182	9.4	53322.2	-2255.0	1272	10.	55041.2	-2242.9	1362	9.4	61029.4	-2225.3	1452	9.5	62753.5	-2247.1
1183	9.7	53337.8	-2206.7	1273	9.5	55045.4	-2256.2	1363	9.0	61056.4	-2223.5	1453	10.	62803.4	-2206.7
1184	9.0	53339.7	-2254.8	1274	9.3	55122.4	-2211.6	1364	7.0	61058.5	-2239.4	1454	9.9	62804.6	-2242.3
1185	9.2	53406.2	-2247.2	1275	9.4	55122.8	-2212.8	1365	8.0	61101.9	-2219.4	1455	9.6	62836.1	-2236.2
1186	8.0	53420.1	-2243.6	1276	9.3	55134.3	-2226.6	1366	9.5	61126.1	-2236.0	1456	9.2	62851.8	-2212.3
1187	8.2	53425.5	-2213.8	1277	9.5	55139.1	-2243.0	1367	9.8	61131.0	-2203.4	1457	9.8	62854.6	-2232.3
1188	9.8	53440.8	-2215.0	1278	9.5	55200.3	-2201.1	1368	9.5	61204.4	-2224.9	1458	5.0	62858.8	-2251.4
1189	10.	53442.0	-2202.2	1279	9.4	55226.8	-2254.0	1369	9.6	61219.6	-2220.0	1459	9.2	62859.7	-2241.4
1190	9.5	53450.0	-2238.0	1280	9.8	55246.1	-2232.9	1370	9.4	61223.6	-2246.6	1460	9.1	62900.8	-2233.3
1191	9.1	53452.1	-2240.9	1281	8.9	55255.0	-2235.2	1371	9.3	61224.0	-2247.9	1461	10.	62917.2	-2244.5
1192	9.5	53534.2	-2252.5	1282	9.3	55304.7	-2228.9	1372	9.5	61237.9	-2257.5	1462	9.1	62935.9	-2225.9
1193	9.2	53558.5	-2251.6	1283	9.0	55306.4	-2210.4	1373	9.0	61239.5	-2210.8	1463	9.5	62953.6	-2207.5
1194	6.5	53607.4	-2227.0	1284	9.5	55312.9	-2239.0	1374	9.4	61244.8	-2248.4	1464	10.	63002.4	-2252.1
1195	9.0	53614.6	-2233.7	1285	9.5	55319.7	-2217.8	1375	10.	61252.2	-2242.9	1465	10.	63004.0	-2247.1
1196	9.8	53626.8	-2257.8	1286	9.5	55351.2	-2247.5	1376	9.1	61257.2	-2210.7	1466	9.7	63008.5	-2247.4
1197	9.5	53630.2	-2243.5	1287	8.9	55355.4	-2206.0	1377	9.5	61307.5	-2258.5	1467	9.2	63014.1	-2225.1
1198	9.8	53640.0	-2202.1	1288	10.	55430.2	-2204.3	1378	8.7	61320.8	-2217.3	1468	10.	63018.7	-2202.7
1199	9.0	53646.5	-2228.5	1289	10.	55431.7	-2216.4	1379	7.2	61331.0	-2202.6	1469	9.4	63019.3	-2249.4
1200	9.5	53707.0	-2230.7	1290	9.6	55435.0	-2233.8	1380	9.4	61338.9	-2214.7	1470	9.8	63022.5	-2212.5
1201	9.5	53708.4	-2223.1	1291	9.7	55511.3	-2253.0	1381	8.9	61341.7	-2237.1	1471	9.4	63023.2	-2213.9
1202	8.0	53737.2	-2251.1	1292	9.2	55521.9	-2231.3	1382	9.7	61359.9	-2207.4	1472	7.0	63035.3	-2229.5
1203	9.4	53743.9	-2245.1	1293	9.1	55532.4	-2209.3	1383	9.5	61408.0	-2201.5	1473	9.2	63036.2	-2241.3
1204	8.7	53758.3	-2252.5	1294	9.4	55541.7	-2246.3	1384	9.5	61415.3	-2246.2	1474	8.3	63048.0	-2208.9
1205	9.0	53802.1	-2235.9	1295	9.7	55546.2	-2216.1	1385	9.7	61440.1	-2210.1	1475	9.0	63049.9	-2253.8
1206	10.	53804.9	-2219.2	1296	9.5	55604.4	-2208.8	1386	8.4	61501.4	-2216.6	1476	9.8	63108.7	-2200.0
1207	9.5	53808.0	-2201.3	1297	8.9	55612.2	-2218.6	1387	9.8	61503.1	-2236.6	1477	9.8	63112.1	-2231.2
1208	9.5	53811.3	-2201.5	1298	9.6	55618.6	-2243.1	1388	9.5	61505.6	-2201.2	1478	9.5	63137.6	-2231.5
1209	9.8	53817.9	-2244.3	1299	9.5	55622.3	-2225.6	1389	8.8	61525.4	-2208.5	1479	9.8	63139.0	-2228.3
1210	6.3	53823.5	-2228.4	1300	9.6	55643.5	-2216.9	1390	9.4	61536.8	-2240.8	1480	9.5	63150.5	-2258.7
1211	4.0	53825.0	-2230.0	1301	9.5	55659.0	-2228.8	1391	9.5	61536.8	-2206.7	1481	8.7	63210.2	-2238.5
1212	9.4	53837.3	-2253.1	1302	10.	55703.7	-2205.6	1392	9.8	61538.6	-2200.3	1482	10.	63222.4	-2223.5
1213	9.5	53839.1	-2219.2	1303	8.8	55707.6	-2244.8	1393	9.4	61600.9	-2253.0	1483	9.0	63223.5	-2255.1
1214	9.7	53840.2	-2216.1	1304	8.8	55725.1	-2249.0	1394	8.6	61610.2	-2210.8	1484	9.4	63227.0	-2229.4
1215	9.0	53842.3	-2255.0	1305	9.6	55740.3	-2256.3	1395	8.6	61621.5	-2231.7	1485	9.4	63243.2	-2215.4
1216	9.3	53845.2	-2253.9	1306	9.5	55750.2	-2218.9	1396	9.2	61629.2	-2212.3	1486	9.8	63250.3	-2251.3
1217	8.0	53847.1	-2234.1	1307	9.8	55800.1	-2208.0	1397	8.9	61708.8	-2210.8	1487	9.5	63306.0	-2219.1
1218	9.0	53902.3	-2219.5	1308	9.4	55806.0	-2230.4	1398	9.1	61744.1	-2205.5	1488	9.7	63322.5	-2259.3
1219	9.5	53911.0	-2231.2	1309	9.7	55806.8	-2205.1	1399	9.3	61750.0	-2200.3	1489	9.7	63326.0	-2255.5
1220	9.3	53921.6	-2215.5	1310	9.6	55830.3	-2234.7	1400	9.8	61816.1	-2208.9	1490	9.9	63326.6	-2238.2
1221	9.2	53922.3	-2256.2	1311	9.7	55949.4	-2206.3	1401	9.5	61842.5	-2259.6	1491	8.3	63346.8	-2246.7
1222	9.4	53927.1	-2213.2	1312	9.1	55956.1	-2238.5	1402	9.8	61855.7	-2213.4	1492	9.3	63411.1	-2238.5
1223	10.	53945.3	-2241.0	1313	8.2	60027.0	-2208.2	1403	9.0	61858.9	-2218.4	1493	9.7	63507.3	-2208.8
1224	9.8	54002.2	-2244.3	1314	8.8	60036.8	-2233.6	1404	9.0	61905.0	-2230.0	1494	8.8	63512.2	-2204.8
1225	9.5	54027.5	-2210.5	1315	9.0	60049.4	-2205.2	1405	8.9	61927.8	-2251.2	1495	9.0	63551.3	-2220.8
1226	9.1	54033.3	-2255.0	1316	9.8	60101.7	-2242.9	1406	9.5	61948.0	-2255.0	1496	9.4	63600.0	-2216.5
1227	9.1	54054.7	-2241.4	1317	9.3	60102.9	-2258.0	1407	9.6	61949.6	-2249.9	1497	9.5	63600.9	-2253.6
1228	9.0	54055.9	-2247.7	1318	10.	60103.7	-2205.3	1408	9.5	62000.7	-2244.1	1498	8.5	63601.4	-2218.2
1229	9.0	54040.8	-2253.6	1319	9.0	60106.8	-2215.3	1409	9.5	62027.5	-2206.5	1499	9.2	63609.3	-2221.9
1230	9.8	54053.2	-2206.0	1320	8.5	60112.0	-2233.6	1410	9.0	62027.8	-2249.6	1500	9.5	63612.2	-2256.4
1231	9.5	54113.4	-2256.3	1321	9.7	60135.7	-2206.0	1411	9.1	62032.0	-2234.9	1501	10.	63613.4	-2246.0
1232	8.8	54151.8	-2245.5	1322	9.0	60150.8	-2227.2	1412	9.5	62036.5	-2231.7	1502	10.	63613.5	-2205.4
1233	9.8	54157.7	-2213.6	1323	9.6	60153.4	-2226.8	1413	9.7	62044.6	-2201.3	1503	8.7	63615.8	-2213.0
1234	8.0	54214.2	-2206.2	1324	9.5	60200.5	-2234.3	1414	9.5	62103.5	-2234.6	1504	9.3	63632.6	-2239.1
1235	8.8	54221.1	-2232.8	1325	9.3	60205.8	-2246.4	1415	8.9	62108.9	-2246.9	1505	6.8	63639.4	-2218.7
1236	9.5	54234.5	-2227.7	1326	9.5	60238.4	-2229.3	1416	9.2	62109.0	-2231.5	1506	9.5	63640.5	-2248.7
1237	9.8	54234.8	-2244.0	1327	6.2	60251.9	-2224.1	1417	7.8	62120.7	-2202.1	1507	9.5	63705.0	-2238.4
1238	8.2	54255.5	-2206.4	1328	9.0	60331.3	-2217.4	1418	9.5	62124.5	-2205.0	1508	9.8	63716.8	-2200.3
1239	9.0	54258.6	-2219.5	1329	8.1	60335.0	-2205.4	1419	9.8	62144.5	-2232.6	1509	9.4	63728.7	-2240.8
1240	9.1	54330.6	-2216.5	1330	6.5	60342.7	-2245.3	1420	9.1	62147.4	-2200.8	1510	9.8	63755.4	-2255.8
1241	9.1	54331.6	-2212.6	1331	9.3	60345.9	-2229.8	1421	9.6	62151.7	-2259.7	1511	9.5	63803.9	-2223.6
1242	9.4	54409.3	-2246.4	1332	9.0	60427.6	-2220.1	1422	9.3	62220.4	-2220.2	1512	8.5	63806.1	-2225.6

-22 1513 6h38m

1513	9.4	63806.5	-2233.4	1603	8.9	64951.6	-2249.6	1693	10.	65928.4	-2235.2	1783	9.1	71019.7	-2200.7
1514	8.4	63807.8	-2218.9	1604	9.4	65006.2	-2218.2	1694	9.5	65931.9	-2238.4	1784	9.4	71030.6	-2228.4
1515	9.5	63809.4	-2248.2	1605	9.7	65016.9	-2206.9	1695	9.8	65940.8	-2200.4	1785	8.3	71032.9	-2233.6
1516	8.5	63813.5	-2217.0	1606	9.7	65017.9	-2211.5	1696	9.0	65949.6	-2251.6	1786	9.4	71047.4	-2249.5
1517	9.7	63820.3	-2204.9	1607	9.5	65021.2	-2247.6	1697	9.5	65949.8	-2203.4	1787	9.8	71047.5	-2207.7
1518	9.1	63822.9	-2238.4	1608	9.0	65026.2	-2220.0	1698	10.	65956.0	-2213.5	1788	9.4	71105.4	-2223.7
1519	9.5	63854.1	-2208.8	1609	8.0	65026.8	-2227.5	1699	9.6	65957.1	-2214.6	1789	8.8	71110.6	-2249.2
1520	10.	63935.7	-2246.7	1610	9.0	65027.5	-2227.3	1700	9.4	65959.9	-2240.2	1790	8.5	71122.2	-2226.7
1521	10.	63940.3	-2221.7	1611	9.5	65033.1	-2246.9	1701	9.8	70019.2	-2256.4	1791	9.8	71122.2	-2218.0
1522	9.3	63941.2	-2233.4	1612	9.7	65034.1	-2228.8	1702	8.5	70019.6	-2252.3	1792	9.8	71123.0	-2212.1
1523	9.1	63955.1	-2254.9	1613	9.4	65051.5	-2243.3	1703	9.3	70024.5	-2247.0	1793	8.7	71124.1	-2234.4
1524	10.	64004.9	-2201.1	1614	9.9	65056.3	-2202.6	1704	9.8	70042.6	-2221.7	1794	8.3	71133.9	-2255.5
1525	10.	64009.9	-2203.1	1615	9.8	65102.5	-2235.7	1705	9.8	70059.8	-2204.0	1795	8.7	71141.5	-2256.0
1526	9.0	64011.6	-2218.8	1616	7.1	65105.9	-2201.0	1706	9.4	70119.0	-2245.0	1796	9.7	71143.9	-2218.7
1527	8.3	64021.4	-2259.9	1617	8.0	65129.8	-2258.2	1707	9.3	70121.9	-2236.4	1797	9.5	71146.4	-2224.5
1528	9.3	64033.0	-2202.1	1618	9.5	65136.0	-2224.4	1708	9.0	70132.6	-2211.4	1798	7.0	71201.5	-2205.0
1529	9.5	64040.3	-2203.6	1619	9.7	65143.9	-2208.2	1709	9.7	70144.3	-2235.0	1799	9.3	71205.2	-2251.5
1530	9.3	64051.0	-2237.1	1620	9.7	65148.1	-2207.2	1710	10.	70144.6	-2210.5	1800	9.5	71214.0	-2229.8
1531	8.7	64056.4	-2232.0	1621	9.4	65149.2	-2235.4	1711	9.0	70147.2	-2200.3	1801	9.5	71217.1	-2229.5
1532	8.5	64109.3	-2254.4	1622	9.8	65152.1	-2250.1	1712	9.0	70205.6	-2212.8	1802	9.7	71220.7	-2217.4
1533	9.1	64111.6	-2219.0	1623	9.1	65156.5	-2241.2	1713	8.9	70212.9	-2234.9	1803	9.7	71224.8	-2216.9
1534	9.4	64130.8	-2247.1	1624	9.4	65217.1	-2217.0	1714	9.0	70213.2	-2210.6	1804	9.8	71228.0	-2219.3
1535	9.5	64131.2	-2231.2	1625	9.4	65217.6	-2246.0	1715	9.0	70226.6	-2256.0	1805	9.3	71228.9	-2251.2
1536	9.2	64135.7	-2251.0	1626	9.6	65224.9	-2250.9	1716	9.5	70227.5	-2224.1	1806	9.5	71230.0	-2252.8
1537	8.7	64139.0	-2200.5	1627	9.1	65230.8	-2220.5	1717	9.1	70235.2	-2250.9	1807	9.1	71230.0	-2233.0
1538	9.4	64220.9	-2226.7	1628	9.5	65234.7	-2254.9	1718	9.4	70237.7	-2218.8	1808	9.4	71250.7	-2241.3
1539	9.3	64224.1	-2245.6	1629	9.1	65236.7	-2220.5	1719	9.0	70244.6	-2228.8	1809	9.5	71304.4	-2207.9
1540	9.6	64225.3	-2222.4	1630	10.	65255.2	-2253.3	1720	9.4	70258.6	-2232.7	1810	9.5	71307.0	-2212.4
1541	8.8	64230.2	-2243.7	1631	9.5	65257.7	-2214.0	1721	9.0	70311.1	-2232.4	1811	9.5	71318.9	-2209.5
1542	9.8	64239.9	-2202.2	1632	9.7	65313.5	-2204.3	1722	9.8	70311.1	-2225.6	1812	9.5	71321.5	-2226.7
1543	10.	64241.0	-2229.2	1633	8.8	65313.9	-2237.8	1723	8.9	70313.1	-2215.6	1813	9.8	71331.6	-2204.8
1544	9.6	64243.6	-2227.1	1634	9.5	65317.9	-2219.4	1724	9.8	70322.4	-2213.3	1814	9.4	71333.0	-2248.0
1545	9.6	64250.2	-2213.5	1635	9.5	65322.3	-2251.5	1725	9.6	70326.6	-2247.5	1815	9.2	71339.7	-2238.2
1546	9.8	64256.5	-2214.5	1636	9.8	65323.1	-2223.6	1726	9.3	70331.3	-2226.3	1816	9.8	71352.3	-2219.9
1547	9.0	64258.0	-2233.5	1637	9.7	65324.5	-2200.3	1727	9.5	70333.0	-2217.4	1817	8.7	71402.1	-2237.8
1548	9.5	64314.4	-2231.4	1638	9.4	65324.7	-2227.9	1728	9.0	70333.3	-2202.6	1818	9.5	71404.9	-2255.4
1549	9.8	64320.6	-2221.4	1639	8.3	65328.2	-2254.8	1729	8.7	70336.4	-2247.1	1819	9.3	71426.3	-2221.6
1550	10.	64326.9	-2204.4	1640	9.5	65338.3	-2229.8	1730	9.5	70339.7	-2234.4	1820	9.3	71429.5	-2228.8
1551	9.3	64330.1	-2241.5	1641	9.1	65341.2	-2202.9	1731	9.1	70345.9	-2258.9	1821	9.7	71434.9	-2227.8
1552	8.7	64346.9	-2218.5	1642	8.7	65354.3	-2231.4	1732	9.4	70404.5	-2210.0	1822	10.	71440.5	-2221.1
1553	9.3	64351.5	-2215.0	1643	9.2	65355.4	-2202.8	1733	9.6	70404.9	-2234.6	1823	6.8	71444.0	-2234.8
1554	9.2	64411.7	-2245.4	1644	8.5	65356.3	-2248.8	1734	9.4	70406.7	-2239.5	1824	10.	71446.3	-2213.2
1555	9.4	64422.8	-2254.4	1645	9.0	65401.8	-2231.3	1735	9.8	70416.4	-2244.1	1825	9.3	71447.3	-2254.2
1556	9.4	64428.9	-2201.7	1646	9.5	65409.1	-2252.0	1736	9.4	70423.1	-2254.1	1826	9.4	71450.4	-2236.9
1557	9.2	64436.7	-2249.5	1647	8.0	65420.7	-2227.0	1737	9.8	70426.7	-2216.0	1827	9.7	71500.2	-2259.9
1558	9.1	64440.9	-2231.4	1648	9.2	65427.6	-2254.8	1738	9.6	70431.4	-2203.2	1828	9.3	71505.8	-2241.4
1559	9.3	64441.6	-2209.7	1649	9.3	65430.7	-2213.5	1739	8.7	70442.7	-2217.7	1829	9.8	71516.1	-2211.8
1560	9.5	64446.7	-2246.8	1650	9.5	65436.1	-2220.5	1740	9.0	70503.3	-2217.7	1830	9.3	71516.5	-2205.4
1561	9.8	64455.5	-2219.7	1651	8.4	65441.3	-2210.9	1741	9.0	70504.4	-2245.0	1831	10.	71526.9	-2214.4
1562	9.5	64458.2	-2248.8	1652	9.3	65443.2	-2225.1	1742	9.7	70516.8	-2209.7	1832	10.	71532.4	-2245.0
1563	9.6	64500.6	-2202.6	1653	9.0	65454.1	-2219.8	1743	9.0	70519.1	-2221.9	1833	9.7	71536.2	-2213.1
1564	9.5	64520.0	-2202.5	1654	8.7	65457.5	-2248.7	1744	9.5	70521.7	-2207.8	1834	9.5	71537.5	-2224.2
1565	9.4	64523.8	-2255.8	1655	9.5	65458.2	-2257.1	1745	9.5	70534.4	-2202.4	1835	10.	71537.9	-2255.0
1566	9.4	64525.6	-2201.7	1656	9.5	65505.1	-2252.9	1746	9.4	70540.1	-2258.6	1836	9.6	71604.1	-2227.8
1567	9.7	64542.8	-2218.4	1657	9.3	65510.3	-2222.2	1747	10.	70558.1	-2200.7	1837	9.1	71620.4	-2245.1
1568	8.1	64546.1	-2208.0	1658	10.	65514.2	-2201.7	1748	9.9	70600.1	-2217.7	1838	9.0	71624.6	-2252.2
1569	9.2	64552.2	-2202.5	1659	10.	65514.9	-2217.9	1749	8.5	70603.6	-2244.3	1839	9.3	71626.4	-2208.8
1570	9.0	64559.8	-2231.7	1660	9.0	65516.7	-2259.7	1750	8.7	70616.4	-2245.4	1840	9.4	71626.8	-2225.9
1571	8.9	64613.9	-2201.6	1661	9.3	65522.1	-2221.7	1751	8.8	70632.7	-2240.2	1841	9.8	71629.6	-2228.8
1572	9.4	64624.7	-2238.6	1662	9.0	65524.7	-2227.5	1752	9.0	70642.8	-2237.1	1842	9.4	71631.0	-2222.5
1573	9.4	64632.3	-2211.5	1663	9.5	65525.5	-2227.5	1753	10.	70646.8	-2208.3	1843	9.6	71650.3	-2203.1
1574	8.2	64641.7	-2252.8	1664	9.4	65532.0	-2242.4	1754	9.1	70657.0	-2238.4	1844	9.7	71652.2	-2221.1
1575	9.4	64649.5	-2213.6	1665	9.5	65535.3	-2229.5	1755	9.4	70705.3	-2207.9	1845	9.4	71656.1	-2254.4
1576	9.1	64652.2	-2256.4	1666	8.7	65540.1	-2254.7	1756	6.0	70714.5	-2225.4	1846	8.8	71700.6	-2202.1
1577	9.5	64702.8	-2251.3	1667	9.8	65553.7	-2241.3	1757	9.4	70725.9	-2248.4	1847	9.1	71712.9	-2223.9
1578	8.8	64718.9	-2247.8	1668	9.5	65553.8	-2248.0	1758	9.5	70727.0	-2223.0	1848	9.0	71724.1	-2214.5
1579	9.5	64726.4	-2236.1	1669	9.5	65614.9	-2217.4	1759	9.5	70729.0	-2211.2	1849	9.0	71726.7	-2237.5
1580	9.3	64734.4	-2215.6	1670	9.7	65618.1	-2252.0	1760	9.2	70739.3	-2239.6	1850	9.1	71729.8	-2241.8
1581	9.5	64747.2	-2220.8	1671	9.5	65620.6	-2233.9	1761	6.8	70740.3	-2259.5	1851	9.1	71730.6	-2244.7
1582	7.8	64747.5	-2209.0	1672	9.8	65651.1	-2254.9	1762	9.1	70757.2	-2227.0	1852	8.8	71734.7	-2235.1
1583	9.0	64752.7	-2225.2	1673	9.6	65659.0	-2259.3	1763	9.0	70803.6	-2226.1	1853	7.6	71801.1	-2204.9
1584	9.9	64805.5	-2211.0	1674	8.4	65659.9	-2236.8	1764	8.5	70822.8	-2241.8	1854	9.5	71803.6	-2256.7
1585	9.3	64806.8	-2256.3	1675	9.2	65705.1	-2221.6	1765	9.0	70826.9	-2218.3	1855	6.7	71807.7	-2238.0
1586	8.3	64811.2	-2215.6	1676	9.1	65705.7	-2225.6	1766	9.8	70838.4	-2235.5	1856	9.4	71809.4	-2221.1
1587	9.5	64812.0	-2236.9	1677	9.0	65707.6	-2250.9	1767	8.0	70855.6	-2231.6	1857	9.4	71823.9	-2242.5
1588	9.1	64817.2	-2252.4	1678	8.5	65716.1	-2221.5	1768	9.5	70900.7	-2233.9	1858	10.	71827.8	-2201.1
1589	9.3	64819.2	-2253.0	1679	9.8	65723.7	-2256.6	1769	8.7	70902.3	-2244.2	1859	9.8	71833.7	-2238.4
1590	9.7	64834.4	-2213.9	1680	9.1	65732.2	-2244.8	1770	9.8	70904.5	-2252.9	1860	8.9	71845.3	-2236.1
1591	9.5	64837.0	-2238.5	1681	8.8	65749.8	-2206.1	1771	9.0	70918.2	-2235.5	1861	9.8	71902.7	-2238.5
1592	9.0	64839.9	-2236.0	1682	9.6	65809.2	-2214.2	1772	9.3	70924.4	-2205.3	1862	9.8	71906.0	-2214.8
1593	9.8	64842.9	-2206.2	1683	9.0	65809.6	-2232.1	1773	9.8	70924.5	-2224.3	1863	10.	71933.5	-2256.0
1594	8.4	64853.1	-2245.7	1684	9.4	65812.0	-2232.6	1774	9.8	70926.4	-2201.0	1864	9.0	71937.1	-2234.7
1595	9.8	64853.6	-2243.0	1685	9.5	65821.6	-2215.5	1775	9.2	70931.5	-2210.4	1865	9.4	71939.1	-2202.9
1596	9.5	64900.4	-2240.1	1686	9.5	65829.9	-2240.1	1776	9.2	70959.9	-2203.4	1866	9.6	71939.9	-2211.1
1597	9.8	64915.8	-2227.0	1687	9.5	65831.0	-2219.2	1777	10.	71002.2	-2202.9	1867	9.8	71946.8	-2238.1
1598	9.5	64919.7	-2256.1	1688	9.5	65905.0	-2251.6	1778	9.5	71002.8	-2222.4	1868	9.8	72006.0	-2255.1
1599	9.5	64922.2	-2201.1	1689	9.5	65915.2	-2200.3	1779	9.6	71006.6	-2200.4	1869	9.7	72009.0	-2255.3
1600	8.7	64930.4	-2200.5	1690	9.8	65923.8	-2249.1	1780	9.0	71009.7	-2235.6	1870	9.3	72026.6	-2207.8
1601	9.1	64938.2	-2212.5	1691	9.5	65926.4	-2245.0	1781	9.3	71014.9	-2200.9	1871	8.0	72030.2	-2247.6
1602	6.0	64941.1	-2245.4	1692	9.8	65928.1	-2214.5	1782	9.5	71018.3	-2257.8	1872	9.3	72040.8	-2242.1

-22 1872 7h20m

1873	9.8	72041.2	-2236.7	1963	9.8	73253.7	-2257.1	2053	9.0	74504.2	-2209.1	2143	9.2	75853.0	-2249.2
1874	6.0	72049.9	-2247.7	1964	9.8	73254.4	-2245.5	2054	9.0	74507.4	-2252.2	2144	9.2	75855.2	-2217.9
1875	9.3	72050.8	-2244.5	1965	9.3	73254.6	-2223.6	2055	9.0	74524.6	-2241.4	2145	9.5	75902.1	-2233.8
1876	9.3	72053.3	-2226.9	1966	9.5	73255.1	-2221.3	2056	9.5	74533.9	-2236.0	2146	9.5	75903.9	-2255.0
1877	9.8	72122.0	-2227.1	1967	10.	73331.9	-2228.1	2057	9.8	74601.0	-2210.5	2147	10.	75936.6	-2211.6
1878	7.0	72133.1	-2234.0	1968	10.	73333.5	-2249.1	2058	9.6	74613.9	-2256.0	2148	9.0	75950.3	-2245.8
1879	9.4	72144.3	-2245.7	1969	9.8	73334.3	-2219.4	2059	8.7	74621.3	-2219.1	2149	9.4	75951.3	-2227.5
1880	9.2	72144.8	-2205.7	1970	9.5	73337.4	-2242.0	2060	9.7	74636.1	-2202.0	2150	9.3	75958.2	-2226.9
1881	9.7	72201.5	-2259.9	1971	8.0	73344.7	-2256.7	2061	9.8	74651.6	-2222.7	2151	10.	80013.5	-2235.8
1882	9.2	72202.0	-2228.2	1972	9.7	73355.9	-2211.1	2062	9.1	74655.7	-2245.5	2152	8.9	80019.6	-2235.9
1883	9.6	72205.4	-2217.6	1973	9.5	73409.7	-2254.1	2063	9.5	74702.5	-2243.1	2153	8.7	80020.1	-2222.1
1884	9.7	72209.3	-2214.5	1974	9.1	73423.0	-2203.6	2064	9.5	74712.0	-2257.1	2154	10.	80034.5	-2210.8
1885	10.	72226.7	-2246.1	1975	9.7	73423.9	-2207.6	2065	7.4	74726.4	-2256.5	2155	9.3	80034.5	-2203.0
1886	9.9	72227.7	-2227.3	1976	10.	73430.2	-2206.8	2066	7.5	74727.0	-2248.4	2156	9.7	80039.8	-2225.2
1887	9.9	72235.2	-2250.2	1977	9.6	73430.4	-2222.4	2067	9.8	74741.9	-2241.2	2157	10.	80044.6	-2216.2
1888	9.9	72240.3	-2250.0	1978	8.9	73440.5	-2205.0	2068	9.5	74745.9	-2208.3	2158	9.5	80100.1	-2250.0
1889	8.7	72244.9	-2251.5	1979	10.	73446.1	-2238.7	2069	9.7	74746.0	-2204.9	2159	9.7	80100.2	-2216.2
1890	9.8	72246.6	-2200.2	1980	9.5	73452.6	-2222.6	2070	9.4	74752.8	-2208.8	2160	8.6	80113.3	-2229.7
1891	10.	72255.0	-2232.1	1981	9.6	73456.0	-2219.2	2071	9.4	74804.9	-2254.2	2161	9.1	80139.9	-2214.7
1892	9.4	72258.6	-2236.0	1982	10.	73505.3	-2239.4	2072	9.8	74840.8	-2209.4	2162	9.0	80143.0	-2257.6
1893	9.7	72314.5	-2207.3	1983	9.9	73511.1	-2202.1	2073	9.2	74846.3	-2229.7	2163	9.5	80143.8	-2259.2
1894	9.7	72318.5	-2207.6	1984	9.8	73511.3	-2209.6	2074	9.0	74902.4	-2237.2	2164	9.5	80235.4	-2255.8
1895	9.4	72337.4	-2255.0	1985	10.	73524.7	-2253.1	2075	9.0	74905.5	-2244.1	2165	9.3	80246.1	-2223.5
1896	9.1	72341.4	-2228.6	1986	7.7	73533.2	-2204.0	2076	9.6	74910.8	-2205.7	2166	9.5	80247.0	-2229.2
1897	6.0	72341.9	-2243.3	1987	9.8	73543.5	-2230.9	2077	9.5	74911.3	-2252.5	2167	9.1	80249.7	-2246.5
1898	9.0	72345.7	-2216.0	1988	9.5	73548.4	-2201.4	2078	9.4	74916.5	-2205.7	2168	9.4	80252.4	-2210.4
1899	9.7	72349.0	-2211.4	1989	9.4	73619.2	-2203.9	2079	9.8	74944.8	-2209.4	2169	9.5	80303.4	-2255.0
1900	9.2	72355.3	-2211.9	1990	9.8	73628.6	-2236.3	2080	9.5	74947.4	-2259.2	2170	10.	80312.6	-2245.5
1901	9.8	72406.1	-2201.5	1991	9.1	73639.8	-2223.9	2081	9.0	74950.4	-2238.0	2171	9.1	80326.7	-2209.7
1902	8.3	72408.8	-2259.4	1992	9.5	73645.2	-2221.4	2082	8.8	74955.5	-2210.4	2172	8.5	80328.0	-2223.5
1903	9.8	72408.9	-2210.1	1993	9.5	73701.9	-2202.5	2083	9.4	74959.0	-2206.7	2173	7.3	80357.9	-2206.4
1904	9.5	72415.4	-2244.0	1994	9.0	73703.0	-2252.1	2084	8.0	75016.9	-2237.4	2174	9.5	80404.0	-2237.9
1905	9.4	72416.9	-2239.5	1995	9.0	73703.9	-2247.9	2085	9.3	75024.2	-2222.0	2175	9.2	80405.3	-2259.3
1906	9.2	72427.6	-2235.3	1996	10.	73713.2	-2251.8	2086	9.7	75028.7	-2207.1	2176	8.7	80406.1	-2227.1
1907	9.4	72441.2	-2205.5	1997	9.3	73715.0	-2206.3	2087	4.3	75037.2	-2229.8	2177	9.1	80406.1	-2225.3
1908	9.5	72513.5	-2232.6	1998	9.6	73728.8	-2211.1	2088	9.1	75043.1	-2226.4	2178	9.1	80427.9	-2257.9
1909	8.5	72520.4	-2247.8	1999	9.5	73741.5	-2233.9	2089	9.3	75052.2	-2230.0	2179	8.7	80436.2	-2228.0
1910	9.2	72539.3	-2214.5	2000	9.6	73747.5	-2258.7	2090	8.8	75056.0	-2204.4	2180	9.8	80454.1	-2224.0
1911	10.	72540.1	-2223.7	2001	9.2	73752.4	-2227.3	2091	9.8	75108.5	-2241.8	2181	10.	80504.5	-2259.3
1912	8.3	72548.2	-2236.9	2002	9.2	73816.3	-2200.0	2092	9.6	75109.4	-2237.4	2182	9.1	80513.6	-2243.5
1913	9.8	72553.6	-2228.6	2003	9.8	73816.9	-2249.1	2093	9.8	75112.8	-2224.8	2183	9.5	80517.0	-2219.5
1914	10.	72557.2	-2204.8	2004	9.4	73825.5	-2230.6	2094	9.8	75120.5	-2222.9	2184	9.5	80531.2	-2246.5
1915	9.4	72558.4	-2210.3	2005	9.5	73849.5	-2230.4	2095	9.5	75129.7	-2220.6	2185	9.7	80538.1	-2214.1
1916	9.4	72602.6	-2228.8	2006	9.0	73854.5	-2217.2	2096	9.0	75150.0	-2221.9	2186	9.5	80613.4	-2205.4
1917	8.7	72610.5	-2231.4	2007	9.2	73855.5	-2250.6	2097	9.1	75155.3	-2234.8	2187	9.5	80628.3	-2236.2
1918	9.7	72613.2	-2204.3	2008	8.7	73902.3	-2213.8	2098	9.8	75201.7	-2250.0	2188	9.3	80630.9	-2234.9
1919	9.3	72630.1	-2229.6	2009	10.	73903.2	-2204.1	2099	8.7	75201.9	-2237.1	2189	9.2	80648.0	-2212.8
1920	10.	72631.6	-2236.7	2010	9.8	73906.3	-2223.7	2100	9.3	75219.7	-2248.3	2190	9.8	80649.1	-2247.2
1921	9.3	72633.6	-2238.7	2011	9.8	73909.6	-2211.9	2101	10.	75235.9	-2238.0	2191	9.4	80654.2	-2246.6
1922	9.8	72648.4	-2228.3	2012	9.6	73934.8	-2245.5	2102	9.1	75240.3	-2234.1	2192	9.4	80654.9	-2216.1
1923	9.6	72649.5	-2231.7	2013	9.0	73940.4	-2240.2	2103	9.8	75248.8	-2246.0	2193	9.3	80656.8	-2218.2
1924	9.8	72655.3	-2252.0	2014	8.9	73948.5	-2215.7	2104	6.2	75252.4	-2255.3	2194	9.9	80724.1	-2217.6
1925	9.5	72659.9	-2237.2	2015	8.2	73951.1	-2254.6	2105	9.9	75258.3	-2232.8	2195	9.3	80740.0	-2224.8
1926	9.6	72703.2	-2244.6	2016	7.7	73954.0	-2247.0	2106	9.6	75302.7	-2229.0	2196	9.4	80745.5	-2215.2
1927	9.8	72704.7	-2252.9	2017	9.7	74017.3	-2242.0	2107	9.6	75309.7	-2229.0	2197	9.1	80801.4	-2242.5
1928	9.1	72717.4	-2257.0	2018	9.4	74029.2	-2236.0	2108	9.2	75334.6	-2229.0	2198	9.4	80811.2	-2203.4
1929	9.7	72728.9	-2223.7	2019	9.8	74029.7	-2252.2	2109	9.5	75340.1	-2237.9	2199	9.8	80828.7	-2219.9
1930	9.9	72735.2	-2204.9	2020	9.7	74030.3	-2242.5	2110	7.8	75350.5	-2257.6	2200	9.6	80844.8	-2216.5
1931	9.4	72745.7	-2241.1	2021	9.7	74033.0	-2243.1	2111	9.9	75356.5	-2246.0	2201	9.2	80852.9	-2206.7
1932	9.4	72754.3	-2222.2	2022	8.5	74036.0	-2251.0	2112	10.	75404.8	-2238.1	2202	9.4	80915.1	-2243.0
1933	9.5	72822.1	-2251.9	2023	9.3	74037.7	-2213.4	2113	9.8	75420.8	-2256.7	2203	9.8	80925.0	-2240.2
1934	9.5	72824.8	-2220.5	2024	9.5	74047.3	-2242.3	2114	9.1	75422.7	-2228.1	2204	9.2	80935.8	-2241.6
1935	9.5	72827.1	-2226.6	2025	9.4	74053.4	-2204.5	2115	9.5	75423.5	-2243.8	2205	10.	80938.6	-2237.1
1936	8.8	72831.1	-2253.4	2026	9.4	74053.7	-2207.0	2116	9.9	75424.9	-2223.9	2206	9.7	80940.5	-2245.2
1937	9.3	72831.6	-2256.2	2027	6.3	74058.3	-2209.9	2117	10.	75430.4	-2202.0	2207	9.1	80948.8	-2201.1
1938	8.4	72834.6	-2227.7	2028	9.8	74107.3	-2255.6	2118	9.3	75445.2	-2201.8	2208	9.8	80953.8	-2230.4
1939	9.3	72845.2	-2223.1	2029	9.8	74117.2	-2212.7	2119	9.5	75445.8	-2206.2	2209	9.7	81031.1	-2217.2
1940	9.6	72846.5	-2245.2	2030	9.6	74124.5	-2215.4	2120	9.2	75450.3	-2204.8	2210	10.	81032.6	-2220.2
1941	9.5	72847.7	-2248.5	2031	9.5	74139.8	-2245.4	2121	9.0	75524.6	-2250.1	2211	9.7	81039.5	-2245.6
1942	9.5	72850.9	-2219.2	2032	9.7	74202.3	-2208.3	2122	9.6	75529.1	-2230.4	2212	9.4	81042.2	-2248.9
1943	9.6	72857.4	-2214.8	2033	9.3	74216.5	-2218.7	2123	9.7	75534.1	-2231.0	2213	10.	81049.0	-2214.2
1944	9.9	72913.2	-2212.5	2034	9.6	74220.0	-2233.6	2124	9.5	75556.6	-2250.0	2214	9.7	81050.2	-2212.1
1945	9.0	72926.7	-2231.3	2035	9.5	74235.2	-2223.5	2125	9.6	75609.6	-2207.5	2215	9.3	81105.0	-2227.3
1946	9.4	72927.5	-2212.1	2036	9.7	74237.7	-2246.5	2126	9.5	75611.9	-2259.6	2216	9.6	81108.9	-2214.7
1947	9.5	72954.4	-2257.6	2037	9.5	74258.0	-2203.9	2127	9.5	75630.5	-2209.0	2217	9.1	81122.4	-2213.8
1948	9.6	73009.0	-2244.0	2038	9.8	74258.9	-2229.8	2128	9.1	75634.5	-2217.0	2218	9.2	81128.8	-2214.5
1949	9.4	73011.3	-2215.2	2039	8.3	74308.2	-2212.0	2129	9.8	75637.7	-2231.5	2219	9.5	81135.8	-2225.4
1950	9.7	73011.4	-2247.5	2040	9.4	74316.4	-2231.1	2130	10.	75647.9	-2222.4	2220	9.8	81138.3	-2209.1
1951	9.5	73017.9	-2252.7	2041	9.3	74330.1	-2200.1	2131	9.8	75651.9	-2226.0	2221	8.2	81153.4	-2247.1
1952	9.6	73026.2	-2209.5	2042	10.	74344.0	-2253.4	2132	9.1	75702.7	-2254.8	2222	9.2	81214.0	-2222.7
1953	9.1	73026.9	-2258.7	2043	9.1	74346.8	-2228.3	2133	9.4	75717.6	-2220.1	2223	9.5	81216.1	-2219.6
1954	9.5	73107.5	-2228.8	2044	9.5	74348.9	-2247.4	2134	9.5	75721.8	-2215.2	2224	9.5	81225.8	-2206.1
1955	9.8	73121.7	-2234.4	2045	9.1	74358.4	-2247.6	2135	8.6	75733.8	-2217.2	2225	9.5	81236.4	-2244.2
1956	9.3	73128.5	-2218.4	2046	9.5	74403.8	-2216.4	2136	9.8	75739.1	-2210.1	2226	9.5	81246.9	-2211.5
1957	9.5	73129.8	-2247.1	2047	9.3	74418.4	-2232.0	2137	9.3	75758.0	-2207.7	2227	9.4	81253.3	-2234.9
1958	9.9	73132.6	-2216.7	2048	8.9	74420.6	-2209.1	2138	9.1	75817.3	-2224.6	2228	9.1	81303.4	-2225.2
1959	8.6	73135.6	-2217.7	2049	9.1	74431.8	-2248.7	2139	9.5	75825.0	-2204.1	2229	9.0	81314.0	-2255.4
1960	10.	73150.0	-2226.5	2050	10.	74457.7	-2248.5	2140	9.8	75826.4	-2225.1	2230	9.5	81344.9	-2243.5
1961	8.8	73225.7	-2205.7	2051	9.5	74459.1	-2250.0	2141	10.	75838.7	-2244.4	2231	8.0	81354.0	-2253.8
1962	9.8	73241.8	-2237.5	2052	8.5	74502.5	-2240.2	2142	7.8	75843.8	-2201.8	2232	9.0	81406.8	-2226.7

-22 2233 8h14m

2233	6.3	81408.9	-2227.7	2323	9.8	82814.5	-2250.3	2413	9.4	84337.8	-2200.4	2503	8.0	90155.6	-2228.7
2234	9.6	81438.1	-2257.8	2324	9.1	82824.7	-2254.6	2414	9.8	84354.6	-2259.0	2504	9.7	90201.4	-2207.8
2235	9.8	81441.4	-2228.5	2325	9.1	82844.8	-2248.3	2415	9.5	84412.3	-2214.4	2505	9.1	90250.8	-2256.9
2236	9.8	81444.3	-2214.5	2326	9.0	82900.3	-2257.6	2416	9.4	84418.9	-2228.5	2506	8.5	90258.9	-2255.7
2237	9.8	81445.9	-2230.5	2327	10.	82947.8	-2223.7	2417	8.5	84420.2	-2241.2	2507	7.2	90307.7	-2200.8
2238	9.5	81449.4	-2255.6	2328	9.7	82955.1	-2208.6	2418	9.5	84442.6	-2245.9	2508	9.8	90316.5	-2223.3
2239	9.8	81513.6	-2257.6	2329	9.0	83006.6	-2233.3	2419	8.3	84443.7	-2229.9	2509	9.8	90317.2	-2246.8
2240	9.3	81516.5	-2252.0	2330	9.5	83025.1	-2255.9	2420	9.0	84444.2	-2220.8	2510	9.5	90337.6	-2237.1
2241	9.5	81531.0	-2232.5	2331	9.8	83025.8	-2252.3	2421	9.7	84452.7	-2246.1	2511	9.4	90342.1	-2228.0
2242	9.8	81544.4	-2201.4	2332	9.3	83051.2	-2239.6	2422	9.6	84458.7	-2217.3	2512	6.3	90353.6	-2235.3
2243	8.6	81551.6	-2257.4	2333	8.2	83055.9	-2213.7	2423	9.9	84509.9	-2232.3	2513	8.7	90357.8	-2242.0
2244	9.5	81557.5	-2214.7	2334	9.5	83117.5	-2211.4	2424	9.7	84514.5	-2248.6	2514	9.9	90405.2	-2245.5
2245	9.5	81609.1	-2238.4	2335	9.8	83134.0	-2253.8	2425	10.	84539.9	-2231.2	2515	8.0	90411.3	-2230.6
2246	9.9	81639.9	-2227.4	2336	8.7	83135.1	-2234.1	2426	9.9	84557.7	-2213.4	2516	9.5	90416.2	-2245.1
2247	9.6	81645.9	-2217.4	2337	8.7	83148.9	-2200.6	2427	10.	84618.3	-2241.5	2517	9.2	90420.2	-2252.7
2248	10.	81650.4	-2218.9	2338	9.4	83152.2	-2201.0	2428	9.2	84629.0	-2246.2	2518	9.4	90457.9	-2238.0
2249	9.0	81654.2	-2200.6	2339	9.7	83219.1	-2209.0	2429	9.1	84634.1	-2259.1	2519	9.8	90507.6	-2214.5
2250	10.	81701.1	-2239.6	2340	9.3	83224.8	-2251.9	2430	9.5	84655.8	-2208.4	2520	9.6	90510.9	-2216.1
2251	9.1	81702.2	-2222.5	2341	9.7	83228.3	-2203.7	2431	8.0	84658.4	-2226.7	2521	9.0	90535.3	-2248.1
2252	9.8	81719.9	-2252.5	2342	9.5	83238.9	-2230.8	2432	9.1	84703.2	-2215.7	2522	9.5	90539.0	-2235.2
2253	9.5	81740.0	-2258.8	2343	9.1	83241.0	-2253.8	2433	9.1	84704.5	-2223.3	2523	9.5	90544.7	-2212.7
2254	9.3	81755.9	-2216.2	2344	9.8	83242.9	-2237.0	2434	8.2	84711.9	-2229.6	2524	9.4	90545.3	-2210.7
2255	9.5	81803.7	-2257.5	2345	5.3	83247.1	-2209.9	2435	9.1	84723.6	-2257.2	2525	9.1	90548.0	-2200.6
2256	9.0	81805.8	-2225.1	2346	9.5	83250.9	-2236.8	2436	9.5	84726.0	-2224.0	2526	9.5	90617.2	-2251.4
2257	9.9	81809.1	-2217.3	2347	9.5	83313.3	-2242.8	2437	9.5	84731.5	-2212.3	2527	9.4	90618.1	-2245.5
2258	9.8	81814.5	-2218.7	2348	9.5	83328.8	-2258.4	2438	9.5	84754.5	-2205.0	2528	9.5	90654.5	-2228.0
2259	9.5	81815.5	-2214.6	2349	9.3	83330.2	-2210.0	2439	9.1	84759.8	-2224.0	2529	9.8	90654.9	-2250.9
2260	9.6	81819.9	-2232.0	2350	8.2	83342.1	-2241.9	2440	7.2	84805.1	-2258.7	2530	7.0	90715.8	-2216.1
2261	9.8	81836.0	-2257.5	2351	9.1	83342.6	-2227.4	2441	8.5	84917.4	-2250.0	2531	8.8	90717.2	-2257.6
2262	6.2	81836.2	-2241.0	2352	9.5	83359.0	-2255.4	2442	9.2	84922.5	-2217.6	2532	9.9	90718.3	-2241.8
2263	9.3	81837.0	-2225.0	2353	9.2	83413.4	-2205.5	2443	9.8	84940.6	-2202.5	2533	9.0	90726.4	-2254.0
2264	9.8	81855.1	-2237.4	2354	9.9	83420.5	-2234.3	2444	9.4	84951.4	-2248.5	2534	9.0	90729.8	-2205.5
2265	9.0	81933.6	-2214.5	2355	9.8	83437.2	-2224.0	2445	9.7	84955.5	-2214.3	2535	9.8	90741.4	-2221.6
2266	9.3	81941.1	-2207.3	2356	9.8	83438.8	-2214.2	2446	9.2	85004.0	-2255.0	2536	9.2	90746.7	-2219.0
2267	9.5	81941.2	-2218.8	2357	9.4	83439.1	-2255.5	2447	9.1	85008.0	-2256.1	2537	9.2	90747.8	-2234.2
2268	8.8	81953.5	-2235.8	2358	9.5	83455.6	-2206.3	2448	9.3	85010.3	-2235.8	2538	9.6	90753.7	-2206.4
2269	9.5	82002.1	-2213.0	2359	9.5	83500.3	-2229.5	2449	9.5	85018.9	-2239.0	2539	9.8	90817.1	-2217.2
2270	10.	82002.7	-2226.7	2360	9.4	83505.6	-2219.8	2450	9.6	85039.8	-2230.7	2540	9.6	90818.0	-2221.1
2271	9.0	82014.8	-2237.2	2361	9.1	83528.2	-2242.5	2451	9.7	85058.3	-2205.7	2541	9.8	90821.0	-2222.5
2272	9.1	82022.0	-2241.4	2362	9.5	83537.9	-2219.1	2452	9.4	85058.5	-2250.3	2542	7.7	90825.9	-2211.9
2273	9.5	82024.0	-2223.7	2363	9.2	83544.8	-2208.0	2453	9.7	85148.5	-2257.5	2543	9.3	90846.9	-2225.3
2274	9.8	82028.2	-2232.5	2364	9.5	83547.0	-2215.7	2454	9.5	85150.3	-2258.3	2544	7.0	90907.5	-2253.6
2275	9.6	82033.4	-2225.0	2365	9.2	83550.3	-2221.1	2455	9.3	85200.6	-2202.7	2545	9.4	90912.2	-2252.3
2276	7.7	82041.1	-2246.5	2366	9.4	83557.6	-2219.8	2456	9.3	85201.6	-2210.0	2546	9.5	90912.3	-2209.0
2277	9.5	82043.5	-2233.0	2367	9.5	83616.1	-2254.4	2457	8.6	85207.4	-2216.6	2547	9.1	90921.4	-2221.0
2278	7.0	82051.4	-2257.4	2368	9.3	83627.9	-2215.6	2458	8.5	85208.3	-2223.0	2548	9.4	90926.7	-2252.9
2279	9.8	82137.1	-2213.9	2369	9.5	83635.2	-2201.9	2459	9.7	85215.1	-2208.8	2549	9.5	90939.8	-2226.1
2280	9.3	82143.8	-2216.9	2370	9.5	83714.6	-2230.9	2460	9.4	85235.7	-2243.2	2550	7.7	90946.9	-2231.7
2281	9.5	82146.5	-2219.0	2371	9.2	83743.9	-2209.6	2461	9.1	85240.3	-2227.9	2551	9.5	91031.7	-2237.7
2282	9.5	82154.0	-2244.2	2372	9.4	83756.7	-2226.6	2462	9.2	85256.5	-2256.5	2552	9.0	91032.1	-2219.3
2283	9.0	82154.9	-2229.8	2373	9.4	83757.7	-2254.9	2463	9.1	85300.6	-2208.6	2553	9.5	91054.1	-2256.9
2284	10.	82155.6	-2246.4	2374	9.4	83804.1	-2258.6	2464	7.5	85303.6	-2236.3	2554	9.1	91105.2	-2222.7
2285	9.4	82157.0	-2252.0	2375	9.4	83807.9	-2201.2	2465	9.1	85307.8	-2258.0	2555	9.5	91106.6	-2245.3
2286	7.0	82215.8	-2235.2	2376	9.2	83810.2	-2233.2	2466	10.	85320.7	-2254.2	2556	8.5	91113.7	-2219.1
2287	8.5	82218.6	-2211.4	2377	9.6	83811.8	-2212.4	2467	6.8	85326.5	-2207.7	2557	8.3	91132.9	-2222.7
2288	9.4	82222.3	-2222.1	2378	9.7	83812.7	-2257.9	2468	9.5	85336.3	-2240.1	2558	8.0	91136.8	-2203.6
2289	9.6	82222.7	-2202.5	2379	9.4	83822.2	-2211.0	2469	9.5	85402.5	-2200.7	2559	9.3	91159.1	-2255.4
2290	9.8	82226.2	-2254.3	2380	8.6	83839.3	-2250.2	2470	9.5	85419.1	-2246.3	2560	9.4	91200.5	-2212.6
2291	9.7	82235.2	-2203.2	2381	9.4	83857.4	-2228.3	2471	9.2	85423.6	-2220.4	2561	9.0	91204.8	-2231.3
2292	9.5	82256.8	-2234.3	2382	9.5	83907.0	-2221.3	2472	9.5	85508.2	-2212.0	2562	9.8	91218.0	-2212.9
2293	9.8	82259.0	-2249.8	2383	9.1	83917.3	-2212.9	2473	9.1	85510.2	-2236.9	2563	9.7	91228.2	-2226.1
2294	9.5	82307.7	-2252.3	2384	9.8	83924.9	-2214.8	2474	9.5	85533.8	-2212.7	2564	9.2	91228.7	-2220.5
2295	9.4	82307.8	-2231.7	2385	9.6	83925.1	-2203.7	2475	9.6	85548.0	-2251.8	2565	9.8	91232.9	-2223.8
2296	9.5	82315.1	-2244.3	2386	9.0	83925.9	-2212.9	2476	9.5	85558.8	-2200.4	2566	9.8	91235.5	-2227.1
2297	9.1	82320.8	-2234.9	2387	8.8	83926.1	-2211.4	2477	9.5	85604.8	-2221.0	2567	9.4	91236.4	-2232.5
2298	9.6	82321.8	-2203.4	2388	9.5	83927.4	-2209.7	2478	8.6	85619.1	-2236.8	2568	9.3	91236.4	-2245.9
2299	9.5	82333.5	-2209.1	2389	9.0	83957.6	-2211.4	2479	7.5	85659.7	-2225.7	2569	7.9	91248.9	-2247.5
2300	9.2	82401.7	-2218.1	2390	9.1	84001.2	-2214.5	2480	9.0	85701.7	-2252.4	2570	10.	91303.6	-2206.2
2301	9.6	82433.1	-2201.7	2391	9.2	84002.8	-2227.7	2481	9.7	85708.0	-2248.7	2571	9.5	91315.1	-2230.0
2302	9.5	82445.0	-2225.8	2392	9.0	84006.3	-2227.2	2482	8.9	85717.9	-2256.8	2572	8.5	91326.7	-2221.1
2303	9.8	82451.9	-2259.1	2393	9.9	84009.1	-2223.8	2483	9.6	85723.5	-2252.3	2573	9.4	91339.4	-2248.5
2304	9.8	82511.1	-2221.9	2394	9.5	84014.5	-2215.1	2484	9.7	85727.8	-2210.9	2574	7.5	91344.3	-2251.7
2305	9.7	82515.9	-2239.2	2395	8.2	84014.8	-2209.6	2485	9.0	85729.1	-2247.7	2575	8.3	91351.8	-2247.7
2306	9.7	82517.0	-2232.8	2396	10.	84023.7	-2231.9	2486	9.7	85733.3	-2224.8	2576	9.8	91353.4	-2214.1
2307	9.4	82524.2	-2240.4	2397	9.6	84032.0	-2233.7	2487	9.6	85751.8	-2212.0	2577	9.8	91358.2	-2241.6
2308	9.6	82601.6	-2210.1	2398	9.8	84047.8	-2209.8	2488	9.5	85755.7	-2209.6	2578	9.8	91401.2	-2237.8
2309	9.7	82607.2	-2207.8	2399	9.4	84100.5	-2229.5	2489	9.8	85758.3	-2209.1	2579	9.9	91404.4	-2205.0
2310	10.	82612.3	-2256.2	2400	9.6	84103.5	-2218.8	2490	9.6	85809.0	-2206.5	2580	9.9	91405.0	-2203.3
2311	9.8	82614.1	-2254.2	2401	9.5	84127.9	-2209.9	2491	10.	85838.6	-2209.9	2581	9.5	91415.4	-2203.7
2312	8.4	82622.3	-2219.4	2402	9.1	84132.2	-2253.0	2492	8.0	85854.9	-2223.6	2582	9.0	91502.1	-2253.3
2313	9.7	82623.4	-2227.0	2403	8.5	84156.3	-2236.4	2493	9.1	85900.4	-2256.4	2583	9.7	91513.1	-2207.2
2314	9.0	82633.0	-2243.6	2404	9.5	84157.0	-2231.0	2494	9.4	85918.7	-2226.5	2584	9.5	91513.4	-2231.9
2315	9.0	82633.5	-2223.2	2405	9.5	84202.8	-2202.7	2495	9.6	85933.9	-2252.8	2585	9.5	91527.6	-2238.7
2316	9.2	82705.9	-2242.6	2406	8.8	84224.1	-2238.6	2496	9.5	85937.4	-2257.5	2586	9.7	91535.3	-2250.8
2317	7.7	82729.4	-2252.6	2407	8.2	84227.7	-2220.4	2497	8.5	85956.9	-2220.5	2587	8.7	91548.6	-2243.0
2318	9.1	82731.1	-2223.2	2408	9.3	84246.4	-2214.1	2498	8.3	90024.4	-2244.6	2588	9.3	91555.4	-2205.9
2319	9.5	82731.5	-2237.8	2409	8.9	84302.2	-2204.1	2499	8.8	90117.9	-2248.6	2589	8.5	91558.2	-2223.5
2320	9.8	82744.9	-2211.0	2410	8.5	84312.1	-2213.1	2500	9.8	90125.8	-2256.8	2590	9.0	91600.9	-2209.0
2321	9.8	82746.5	-2202.1	2411	9.5	84313.6	-2252.0	2501	9.8	90134.2	-2227.8	2591	8.9	91627.9	-2215.6
2322	9.8	82805.2	-2214.6	2412	9.3	84322.9	-2211.9	2502	8.3	90153.0	-2245.0	2592	9.5	91638.7	-2232.0

-22 2592 9h16m

-22 2593 9h16m

-22 2952 10h28m

2593	8.8	91640.0	-2222.8	2683	9.5	93422.2	-2238.8	2773	9.6	95034.0	-2215.5	2863	9.8	100532.2	-2234.5
2594	9.6	91645.6	-2207.8	2684	5.0	93440.5	-2256.0	2774	10.	95050.8	-2238.8	2864	9.8	100540.3	-2230.9
2595	8.8	91650.3	-2228.2	2685	9.7	93446.6	-2246.8	2775	9.2	95054.2	-2213.3	2865	9.1	100543.9	-2253.9
2596	9.9	91656.0	-2241.8	2686	9.0	93512.3	-2234.8	2776	10.	95057.4	-2235.7	2866	9.5	100555.1	-2231.6
2597	9.0	91750.6	-2216.3	2687	9.6	93525.8	-2216.3	2777	9.8	95100.3	-2242.0	2867	8.7	100556.7	-2234.3
2598	8.7	91752.2	-2217.5	2688	10.	93532.4	-2206.2	2778	9.8	95119.5	-2222.5	2868	9.2	100608.8	-2228.5
2599	8.8	91757.9	-2206.0	2689	9.1	93552.1	-2245.8	2779	9.3	95133.6	-2247.1	2869	7.5	100703.6	-2221.7
2600	9.3	91808.2	-2245.9	2690	9.2	93555.6	-2213.5	2780	9.1	95143.7	-2227.2	2870	9.3	100713.2	-2220.6
2601	9.2	91820.3	-2250.2	2691	9.1	93604.1	-2238.7	2781	9.6	95145.1	-2216.3	2871	10.	100716.6	-2256.1
2602	9.8	91826.0	-2246.0	2692	9.4	93605.0	-2227.4	2782	9.8	95153.9	-2258.2	2872	9.3	100745.0	-2232.1
2603	9.3	91826.7	-2247.4	2693	7.8	93612.0	-2218.1	2783	9.5	95201.7	-2243.6	2873	9.0	100749.6	-2224.5
2604	9.0	91837.4	-2259.8	2694	8.9	93617.2	-2238.5	2784	9.8	95209.2	-2210.3	2874	8.8	100752.8	-2206.7
2605	9.7	91856.7	-2248.7	2695	9.1	93628.1	-2237.4	2785	9.4	95211.6	-2215.2	2875	9.7	100756.5	-2201.2
2606	9.6	91905.5	-2247.3	2696	9.8	93638.0	-2216.9	2786	9.1	95232.3	-2205.5	2876	9.8	100831.7	-2252.9
2607	8.2	91911.8	-2211.5	2697	9.8	93649.9	-2218.1	2787	9.8	95239.3	-2225.7	2877	9.1	100832.5	-2211.9
2608	9.0	91936.5	-2202.4	2698	8.4	93710.9	-2206.7	2788	9.0	95245.4	-2255.0	2878	9.5	100841.6	-2252.7
2609	8.8	91944.7	-2228.0	2699	9.8	93716.5	-2209.8	2789	9.0	95246.2	-2225.7	2879	9.8	100910.0	-2200.1
2610	9.1	91946.5	-2207.2	2700	9.5	93731.3	-2222.0	2790	9.7	95257.2	-2205.2	2880	9.7	100910.7	-2202.1
2611	8.9	92009.4	-2220.3	2701	9.6	93732.4	-2234.1	2791	9.8	95304.3	-2204.0	2881	9.0	100940.8	-2237.4
2612	9.4	92042.1	-2220.0	2702	9.5	93733.0	-2248.5	2792	8.5	95304.3	-2238.7	2882	9.5	100958.6	-2213.0
2613	9.0	92048.4	-2242.0	2703	9.4	93738.6	-2253.7	2793	9.7	95306.8	-2247.4	2883	9.5	101005.9	-2234.3
2614	9.5	92102.4	-2200.9	2704	9.0	93740.1	-2232.8	2794	9.5	95309.5	-2237.3	2884	9.6	101023.2	-2212.8
2615	8.9	92110.8	-2208.0	2705	6.8	93756.7	-2205.0	2795	9.8	95320.0	-2224.1	2885	9.4	101028.9	-2229.4
2616	9.3	92113.0	-2233.7	2706	7.7	93758.0	-2241.6	2796	8.9	95325.0	-2223.1	2886	9.1	101047.4	-2259.1
2617	9.4	92145.1	-2219.7	2707	7.8	93801.4	-2255.0	2797	9.1	95325.4	-2245.0	2887	9.4	101055.8	-2238.8
2618	9.7	92203.8	-2259.1	2708	8.0	93818.5	-2249.1	2798	9.6	95348.7	-2234.5	2888	9.4	101108.1	-2249.8
2619	10.	92210.9	-2238.1	2709	9.8	93844.3	-2207.1	2799	9.3	95354.9	-2210.4	2889	8.3	101132.7	-2201.7
2620	9.5	92226.9	-2235.7	2710	9.7	93908.2	-2219.6	2800	9.8	95414.8	-2254.8	2890	9.4	101150.3	-2228.4
2621	9.5	92235.5	-2236.3	2711	9.5	93944.0	-2236.3	2801	9.7	95419.9	-2204.0	2891	7.5	101200.4	-2227.1
2622	9.7	92308.4	-2205.5	2712	9.2	93946.6	-2201.6	2802	9.5	95421.6	-2242.8	2892	8.5	101215.3	-2226.2
2623	6.5	92315.4	-2242.6	2713	9.1	93956.1	-2225.5	2803	7.8	95427.3	-2227.1	2893	9.5	101255.2	-2213.0
2624	9.6	92404.4	-2240.0	2714	9.6	94007.5	-2237.9	2804	7.4	95430.8	-2204.0	2894	7.4	101259.3	-2214.1
2625	9.1	92409.2	-2202.7	2715	9.1	94011.9	-2221.6	2805	9.8	95445.9	-2207.8	2895	9.1	101259.7	-2200.2
2626	9.6	92409.9	-2246.3	2716	9.5	94059.2	-2206.5	2806	9.4	95458.1	-2215.8	2896	7.5	101322.4	-2222.2
2627	8.0	92414.3	-2252.4	2717	9.4	94100.9	-2226.6	2807	8.5	95500.4	-2253.8	2897	9.0	101326.9	-2225.8
2628	9.0	92438.3	-2251.9	2718	9.5	94101.4	-2240.5	2808	9.3	95528.8	-2222.7	2898	9.5	101339.8	-2233.2
2629	7.3	92454.2	-2252.3	2719	9.5	94104.5	-2230.0	2809	9.8	95607.0	-2235.9	2899	7.5	101343.5	-2254.7
2630	9.5	92503.5	-2245.4	2720	8.8	94123.8	-2251.2	2810	9.8	95652.9	-2243.0	2900	9.8	101409.0	-2211.7
2631	9.7	92515.8	-2252.7	2721	9.5	94126.0	-2234.4	2811	9.0	95706.7	-2229.1	2901	9.1	101412.8	-2205.8
2632	8.0	92520.1	-2241.2	2722	9.0	94139.8	-2203.7	2812	9.5	95712.3	-2201.0	2902	9.4	101418.7	-2228.6
2633	9.2	92521.0	-2213.6	2723	9.1	94141.4	-2208.8	2813	9.0	95730.1	-2235.0	2903	9.7	101423.7	-2215.9
2634	9.3	92523.3	-2204.8	2724	9.0	94142.6	-2209.8	2814	9.7	95730.2	-2203.3	2904	6.5	101439.4	-2258.9
2635	9.1	92532.1	-2242.3	2725	8.1	94153.8	-2200.2	2815	9.8	95747.1	-2203.4	2905	9.2	101442.5	-2210.2
2636	9.6	92537.9	-2226.2	2726	9.5	94156.5	-2222.8	2816	9.0	95751.4	-2211.9	2906	9.6	101456.7	-2259.4
2637	9.7	92548.3	-2208.5	2727	9.0	94211.7	-2258.5	2817	9.0	95801.3	-2214.1	2907	9.7	101503.4	-2250.1
2638	9.8	92550.3	-2237.8	2728	9.0	94227.1	-2242.6	2818	8.9	95817.6	-2216.8	2908	9.2	101512.6	-2236.7
2639	8.3	92558.9	-2216.4	2729	9.6	94232.8	-2219.8	2819	9.4	95819.7	-2224.4	2909	9.2	101621.7	-2206.1
2640	9.7	92606.0	-2207.6	2730	9.0	94240.4	-2242.6	2820	9.5	95827.5	-2231.3	2910	7.8	101646.9	-2244.0
2641	9.1	92621.0	-2230.3	2731	8.9	94259.3	-2258.7	2821	9.3	95833.1	-2226.2	2911	9.5	101653.7	-2251.9
2642	9.2	92631.3	-2200.2	2732	9.7	94314.8	-2203.4	2822	8.5	95836.1	-2200.3	2912	9.5	101654.6	-2224.8
2643	9.7	92636.0	-2204.6	2733	9.8	94315.1	-2209.3	2823	9.8	95839.5	-2214.4	2913	9.3	101737.4	-2205.5
2644	9.4	92641.2	-2258.8	2734	9.4	94336.5	-2257.8	2824	9.3	95901.8	-2218.5	2914	8.8	101825.3	-2248.2
2645	6.1	92650.8	-2213.0	2735	9.9	94356.7	-2204.8	2825	9.9	95906.3	-2259.2	2915	9.5	101835.1	-2225.9
2646	9.1	92653.7	-2230.8	2736	9.4	94359.9	-2242.0	2826	9.8	95908.1	-2246.0	2916	9.8	101901.0	-2224.8
2647	9.1	92657.5	-2230.0	2737	9.8	94401.4	-2255.8	2827	9.4	95912.0	-2211.9	2917	9.8	101918.2	-2219.4
2648	9.7	92733.2	-2208.9	2738	9.7	94417.0	-2200.4	2828	9.7	95914.7	-2219.5	2918	9.6	101922.2	-2213.3
2649	9.7	92735.0	-2218.5	2739	6.6	94422.1	-2220.4	2829	9.8	95953.2	-2219.3	2919	9.0	101929.3	-2240.5
2650	9.0	92805.9	-2223.0	2740	9.2	94430.4	-2238.7	2830	7.3	95954.6	-2225.8	2920	9.5	102002.4	-2236.9
2651	9.5	92822.3	-2248.4	2741	8.8	94433.1	-2216.8	2831	9.2	95957.9	-2214.7	2921	9.5	102021.1	-2207.0
2652	9.2	92827.4	-2227.2	2742	9.0	94446.2	-2243.3	2832	8.5	100012.1	-2250.4	2922	9.5	102036.6	-2218.7
2653	9.0	92830.4	-2244.2	2743	9.4	94450.4	-2227.8	2833	9.8	100029.3	-2242.2	2923	8.6	102038.2	-2227.5
2654	8.7	92833.4	-2223.2	2744	9.8	94504.0	-2252.3	2834	9.7	100033.6	-2236.1	2924	9.5	102042.4	-2218.9
2655	9.1	92841.1	-2213.0	2745	9.5	94506.7	-2231.8	2835	9.7	100043.5	-2248.9	2925	8.7	102142.4	-2204.5
2656	8.9	92841.6	-2248.1	2746	9.1	94516.9	-2200.1	2836	9.5	100101.5	-2228.1	2926	9.0	102210.3	-2235.5
2657	9.0	92841.8	-2230.8	2747	9.5	94526.7	-2247.1	2837	9.5	100111.1	-2245.5	2927	9.1	102235.4	-2256.8
2658	7.5	92847.9	-2202.2	2748	9.2	94604.1	-2235.5	2838	10.	100123.4	-2243.0	2928	9.8	102334.9	-2221.3
2659	8.7	92849.8	-2232.6	2749	9.7	94625.5	-2208.5	2839	9.8	100138.3	-2232.1	2929	10.	102338.6	-2212.9
2660	9.8	92915.5	-2205.6	2750	7.8	94634.1	-2259.5	2840	9.7	100141.1	-2237.1	2930	8.8	102355.3	-2258.9
2661	9.5	92930.3	-2226.1	2751	8.8	94641.5	-2205.2	2841	9.5	100146.2	-2256.7	2931	9.5	102428.8	-2226.7
2662	9.5	92946.3	-2256.5	2752	9.1	94644.9	-2240.2	2842	9.9	100157.8	-2212.5	2932	9.0	102442.3	-2256.3
2663	9.1	92948.5	-2201.6	2753	8.5	94652.1	-2215.7	2843	9.7	100217.2	-2208.2	2933	9.3	102449.7	-2258.8
2664	9.3	93003.5	-2218.3	2754	9.1	94656.9	-2209.1	2844	8.0	100222.6	-2251.5	2934	9.8	102450.7	-2223.9
2665	9.5	93008.7	-2208.5	2755	9.5	94724.3	-2237.3	2845	8.8	100223.2	-2246.6	2935	9.5	102452.1	-2227.2
2666	9.7	93049.3	-2233.8	2756	8.5	94744.4	-2237.8	2846	10.	100303.3	-2200.4	2936	9.1	102456.1	-2203.1
2667	9.5	93054.5	-2208.4	2757	9.8	94808.3	-2247.6	2847	9.3	100314.0	-2201.3	2937	9.0	102457.3	-2234.7
2668	9.0	93100.7	-2235.0	2758	9.4	94812.0	-2239.0	2848	9.4	100318.9	-2232.6	2938	9.4	102511.2	-2258.4
2669	9.3	93118.5	-2205.0	2759	7.8	94821.8	-2248.9	2849	8.8	100321.4	-2256.5	2939	8.0	102532.3	-2251.7
2670	9.7	93205.8	-2207.0	2760	10.	94825.3	-2250.1	2850	8.9	100331.4	-2259.0	2940	9.4	102533.4	-2238.4
2671	8.8	93217.1	-2218.5	2761	9.1	94835.5	-2230.6	2851	9.3	100338.2	-2204.3	2941	9.8	102537.8	-2215.1
2672	9.3	93225.0	-2226.4	2762	9.7	94853.4	-2201.2	2852	9.4	100340.9	-2222.9	2942	9.1	102540.9	-2252.2
2673	7.3	93228.6	-2226.6	2763	9.7	94903.3	-2237.1	2853	9.3	100345.5	-2225.0	2943	10.	102606.4	-2214.0
2674	9.8	93247.4	-2201.0	2764	8.9	94912.1	-2211.0	2854	9.0	100355.0	-2221.0	2944	9.8	102611.1	-2235.9
2675	9.7	93250.6	-2228.9	2765	9.2	94920.0	-2228.6	2855	9.8	100404.7	-2215.1	2945	9.8	102700.2	-2200.6
2676	9.1	93259.7	-2242.2	2766	9.3	94950.1	-2249.6	2856	10.	100424.9	-2221.5	2946	5.5	102708.1	-2259.8
2677	9.4	93305.6	-2243.5	2767	9.7	94952.7	-2203.8	2857	9.6	100427.6	-2242.9	2947	9.5	102713.5	-2201.6
2678	9.1	93317.6	-2232.3	2768	9.1	94959.2	-2243.9	2858	9.0	100434.4	-2225.7	2948	10.	102716.2	-2221.4
2679	9.5	93329.4	-2212.1	2769	9.5	94959.4	-2238.0	2859	9.8	100445.8	-2233.6	2949	9.0	102735.3	-2251.1
2680	9.5	93333.6	-2251.7	2770	8.5	95000.3	-2259.5	2860	9.4	100509.8	-2233.0	2950	9.3	102743.1	-2228.7
2681	8.8	93337.7	-2206.3	2771	9.7	95018.0	-2210.9	2861	9.0	100515.3	-2230.6	2951	9.5	102803.9	-2244.1
2682	8.2	93355.6	-2241.7	2772	9.4	95026.6	-2254.4	2862	9.6	100521.0	-2208.3	2952	6.7	102804.9	-2225.6

2953	9.0	102808.8	-2244.5	3043	9.7	104923.2	-2249.3	3133	9.5	111700.2	-2218.9
2954	9.0	102817.5	-2231.4	3044	9.8	104931.1	-2227.4	3134	10.	111701.4	-2215.5
2955	9.8	102819.3	-2212.4	3045	9.8	104931.6	-2246.3	3135	9.1	111709.9	-2201.8
2956	9.7	102844.2	-2242.1	3046	8.9	104952.6	-2237.6	3136	7.7	111735.5	-2202.0
2957	9.4	102850.6	-2253.8	3047	10.	105142.4	-2212.4	3137	9.5	111735.7	-2234.3
2958	10.	102905.5	-2225.8	3048	9.2	105145.8	-2206.3	3138	9.6	111804.1	-2250.8
2959	9.2	102946.1	-2201.1	3049	7.8	105203.5	-2228.4	3139	9.7	111814.4	-2200.8
2960	9.8	103024.9	-2236.5	3050	9.0	105214.0	-2247.0	3140	9.5	111824.2	-2223.3
2961	9.5	103029.2	-2249.0	3051	9.5	105240.6	-2224.5	3141	8.9	111824.8	-2247.5
2962	9.5	103036.0	-2232.0	3052	9.8	105242.9	-2231.6	3142	9.4	111904.9	-2256.5
2963	7.8	103041.4	-2237.8	3053	9.4	105315.8	-2233.2	3143	9.8	111906.3	-2245.3
2964	9.8	103045.9	-2214.7	3054	8.2	105324.2	-2238.7	3144	9.7	111932.1	-2228.5
2965	9.2	103108.3	-2231.3	3055	9.6	105327.0	-2203.2	3145	9.6	112024.4	-2255.0
2966	9.7	103110.3	-2235.8	3056	9.3	105328.3	-2201.7	3146	10.	112028.2	-2211.8
2967	9.7	103110.7	-2242.9	3057	9.8	105350.7	-2201.7	3147	10.	112030.8	-2203.5
2968	9.8	103135.5	-2222.4	3058	9.7	105356.9	-2222.4	3148	8.6	112031.3	-2243.7
2969	9.9	103152.3	-2223.0	3059	8.4	105422.1	-2238.7	3149	9.6	112042.1	-2228.2
2970	9.5	103200.2	-2239.8	3060	9.5	105425.3	-2232.9	3150	8.8	112048.1	-2228.9
2971	9.7	103223.7	-2220.4	3061	9.7	105459.5	-2215.4	3151	9.2	112206.9	-2213.8
2972	9.8	103223.9	-2213.4	3062	9.0	105511.7	-2237.8	3152	9.0	112301.8	-2241.2
2973	8.9	103232.0	-2201.0	3063	9.7	105519.8	-2214.7	3153	9.5	112350.2	-2258.7
2974	9.0	103246.9	-2255.5	3064	8.8	105526.5	-2218.6	3154	9.5	112356.7	-2248.4
2975	9.2	103248.4	-2241.0	3065	9.8	105536.4	-2229.3	3155	9.3	112421.1	-2200.2
2976	9.1	103259.1	-2241.8	3066	8.7	105538.3	-2250.0	3156	9.6	112422.8	-2212.1
2977	8.0	103304.9	-2252.1	3067	9.5	105542.4	-2228.4	3157	9.8	112438.6	-2224.2
2978	10.	103340.6	-2211.0	3068	9.7	105552.2	-2207.7	3158	10.	112444.7	-2250.4
2979	9.4	103348.1	-2218.0	3069	9.5	105622.2	-2223.0	3159	8.8	112514.7	-2235.2
2980	8.7	103352.5	-2202.7	3070	9.0	105633.8	-2202.1	3160	10.	112527.7	-2205.7
2981	9.5	103403.1	-2216.0	3071	9.0	105653.1	-2207.9	3161	9.9	112542.7	-2205.7
2982	9.5	103405.2	-2231.1	3072	9.4	105722.0	-2243.1	3162	7.5	112544.2	-2238.3
2983	9.5	103423.7	-2251.4	3073	9.4	105726.9	-2221.7	3163	9.7	112556.2	-2201.2
2984	9.4	103430.7	-2209.3	3074	8.0	105733.2	-2200.1	3164	8.3	112605.7	-2220.4
2985	9.0	103438.4	-2239.1	3075	9.7	105740.4	-2212.4	3165	9.5	112609.1	-2240.6
2986	9.5	103542.4	-2247.2	3076	9.1	105835.8	-2221.0	3166	9.1	112616.8	-2223.3
2987	8.6	103548.7	-2209.6	3077	9.8	105841.3	-2216.7	3167	9.4	112621.5	-2201.9
2988	7.0	103556.1	-2247.4	3078	9.4	105859.4	-2219.9	3168	9.8	112623.3	-2225.3
2989	9.5	103612.2	-2231.3	3079	9.1	105902.7	-2226.6	3169	8.2	112632.9	-2238.7
2990	9.2	103623.2	-2204.2	3080	7.8	105946.4	-2246.3	3170	9.7	112704.7	-2206.4
2991	9.7	103629.4	-2201.6	3081	8.7	110021.9	-2237.3	3171	9.1	112714.0	-2254.2
2992	8.5	103634.8	-2222.4	3082	10.	110045.4	-2205.6	3172	9.0	112732.1	-2248.1
2993	9.1	103642.6	-2235.3	3083	9.4	110055.5	-2238.9	3173	8.7	112737.6	-2245.9
2994	8.5	103707.3	-2212.3	3084	8.8	110058.1	-2203.0	3174	9.8	112739.3	-2220.4
2995	9.8	103720.7	-2224.5	3085	9.3	110122.9	-2205.5	3175	8.8	112810.0	-2243.2
2996	9.4	103733.3	-2208.8	3086	9.5	110150.8	-2218.5	3176	9.2	112900.6	-2203.2
2997	9.0	103745.3	-2211.7	3087	9.6	110158.0	-2227.5	3177	9.0	112908.9	-2250.3
2998	9.8	103759.9	-2249.5	3088	9.3	110211.9	-2255.0	3178	9.4	112918.1	-2216.2
2999	9.2	103828.9	-2202.9	3089	8.8	110231.1	-2246.2	3179	6.7	112944.4	-2208.6
3000	9.8	103856.6	-2257.8	3090	8.6	110258.7	-2203.4	3180	9.6	112951.8	-2212.6
3001	7.3	103910.4	-2240.2	3091	9.1	110259.9	-2234.0	3181	8.2	113010.1	-2225.1
3002	10.	103911.4	-2256.4	3092	9.8	110316.7	-2215.5	3182	9.0	113024.9	-2252.1
3003	9.1	103922.9	-2207.5	3093	9.2	110324.6	-2200.4	3183	9.8	113102.4	-2233.8
3004	9.9	103931.2	-2205.6	3094	10.	110346.7	-2207.2	3184	9.5	113105.5	-2228.9
3005	9.4	103948.4	-2212.4	3095	9.8	110432.5	-2201.9	3185	9.2	113109.8	-2252.6
3006	9.2	104018.5	-2212.0	3096	9.3	110437.6	-2239.5	3186	9.8	113116.6	-2205.0
3007	9.8	104037.6	-2244.9	3097	9.5	110633.4	-2244.5	3187	9.6	113118.0	-2224.0
3008	9.8	104046.8	-2206.8	3098	7.3	110633.6	-2212.4	3188	10.	113158.3	-2245.4
3009	9.1	104103.3	-2242.7	3099	9.5	110637.8	-2229.4	3189	9.3	113217.1	-2211.6
3010	9.6	104112.9	-2200.5	3100	9.4	110705.0	-2214.4	3190	9.8	113248.3	-2241.4
3011	8.8	104207.7	-2211.5	3101	8.5	110739.2	-2251.9	3191	9.8	113257.3	-2211.2
3012	9.2	104219.0	-2208.2	3102	8.9	110742.5	-2218.2	3192	9.5	113309.2	-2242.8
3013	8.5	104221.0	-2219.8	3103	9.4	110817.9	-2209.6	3193	9.1	113331.3	-2214.9
3014	9.8	104352.0	-2200.8	3104	7.1	110834.5	-2207.4	3194	9.0	113332.9	-2216.8
3015	9.5	104407.5	-2202.4	3105	10.	110849.9	-2219.2	3195	8.5	113408.8	-2237.1
3016	8.6	104422.3	-2255.7	3106	9.5	110914.4	-2210.8	3196	9.6	113419.7	-2247.9
3017	9.5	104428.3	-2227.6	3107	9.2	110954.0	-2247.1	3197	9.5	113430.4	-2217.8
3018	9.5	104444.5	-2250.9	3108	9.8	111006.5	-2248.3	3198	9.2	113432.8	-2226.6
3019	9.3	104505.8	-2230.5	3109	9.6	111059.2	-2213.6	3199	9.4	113502.2	-2235.6
3020	9.8	104510.7	-2202.0	3110	9.5	111101.9	-2200.0	3200	9.8	113505.1	-2247.0
3021	9.0	104521.8	-2226.5	3111	8.9	111145.2	-2219.5	3201	9.8	113524.9	-2247.7
3022	9.5	104523.5	-2205.6	3112	9.8	111204.6	-2218.3	3202	9.8	113555.2	-2234.2
3023	9.0	104532.4	-2224.7	3113	9.8	111216.5	-2228.3	3203	9.5	113617.4	-2206.8
3024	9.4	104606.2	-2224.4	3114	9.7	111259.4	-2210.1	3204	8.9	113653.2	-2213.0
3025	9.2	104612.9	-2249.3	3115	8.3	111308.8	-2256.1	3205	9.2	113659.7	-2257.0
3026	9.8	104626.1	-2244.1	3116	9.8	111314.1	-2211.9	3206	9.2	113702.8	-2220.2
3027	9.7	104627.4	-2239.8	3117	10.	111320.2	-2208.6	3207	9.8	113712.6	-2234.0
3028	8.9	104642.1	-2235.2	3118	9.2	111325.5	-2233.6	3208	9.8	113734.1	-2258.4
3029	9.0	104658.8	-2257.4	3119	9.4	111335.8	-2214.2	3209	9.9	113749.5	-2226.4
3030	9.5	104703.4	-2246.6	3120	9.8	111341.0	-2222.7	3210	8.9	113805.7	-2212.5
3031	7.8	104704.5	-2224.4	3121	8.0	111342.6	-2225.1	3211	8.6	113817.3	-2210.8
3032	9.8	104719.1	-2233.3	3122	9.2	111429.6	-2238.1	3212	7.8	113908.9	-2216.2
3033	10.	104727.3	-2216.0	3123	9.8	111440.3	-2212.0	3213	9.6	113951.4	-2203.7
3034	9.5	104729.6	-2231.3	3124	9.0	111450.7	-2200.8	3214	9.3	113959.9	-2230.0
3035	9.8	104750.2	-2207.4	3125	9.7	111453.8	-2206.4	3215	8.6	114003.4	-2214.1
3036	9.3	104756.8	-2202.9	3126	8.9	111507.6	-2206.0	3216	9.8	114007.4	-2233.8
3037	8.3	104805.1	-2209.5	3127	8.0	111524.9	-2255.8	3217	9.7	114008.9	-2226.8
3038	9.8	104808.3	-2201.9	3128	9.2	111543.0	-2202.6	3218	9.8	114019.4	-2227.3
3039	8.3	104822.7	-2215.8	3129	7.3	111607.2	-2254.5	3219	9.8	114058.9	-2254.1
3040	9.1	104826.2	-2225.7	3130	9.0	111618.6	-2245.9	3220	7.1	114108.7	-2216.8
3041	9.8	104849.8	-2212.1	3131	10.	111624.7	-2203.7	3221	9.9	114201.8	-2232.2
3042	8.5	104905.2	-2206.6	3132	9.6	111653.4	-2225.6	3222	9.6	114230.8	-2207.2
3223	8.3	114237.0	-2214.1								
3224	9.5	114241.8	-2245.9								
3225	9.1	114310.7	-2221.0								
3226	8.2	114317.2	-2240.5								
3227	9.3	114323.6	-2203.7								
3228	9.1	114328.9	-2242.7								
3229	9.0	114329.9	-2225.4								
3230	9.5	114330.2	-2233.5								
3231	9.7	114358.7	-2246.8								
3232	9.0	114415.4	-2235.4								
3233	10.	114450.6	-2202.0								
3234	9.8	114556.6	-2225.7								
3235	9.1	114638.1	-2242.2								
3236	9.0	114647.8	-2217.3								
3237	9.8	114721.5	-2252.9								
3238	7.8	114727.0	-2244.8								
3239	10.	114731.6	-2205.1								
3240	9.9	114750.0	-2236.1								
3241	9.7	114752.5	-2237.9								
3242	8.0	114810.0	-2238.0								
3243	9.5	114829.4	-2256.1								
3244	9.4	114853.4	-2247.5								
3245	9.6	114856.3	-2215.0								
3246	10.	114941.2	-2215.4								
3247	9.4	114954.8	-2220.2								
3248	8.5	114956.6	-2242.0								
3249	8.5	115008.8	-2223.8								
3250	9.3	115022.8	-2253.1								
3251	9.7	115039.3	-2218.5								
3252	9.4	115050.2	-2218.1								
3253	9.8	115056.3	-2247.0								
3254	9.1	115107.3	-2250.3								
3255	9.8	115121.7	-2213.8								
3256	9.4	115137.1	-2201.5								
3257	7.3	115138.2	-2236.4								
3258	9.2	115215.0	-2242.9								
3259	9.5	115248.0	-2214.2								
3260	10.	115338.6	-2246.0								
3261	9.4	115340.1	-2250.0								
3262	9.0	115343.6	-2232.2								
3263	9.8	115348.7	-2242.5								
3264	8.9	115356.0	-2218.4								
3265	9.8	115416.4	-2239.4								
3266	9.8	115426.8	-2237.8								
3267	9.1	115451.0	-2257.5								
3268	9.8	115548.2	-2210.9								
3269	10.	115549.2	-2214.4								
3270	9.5	115610.1	-2221.1								
3271	9.8	115636.3	-2251.9								
3272	9.6	115637.3	-2240.0								
3273	9.2	115652.8	-2205.5								
3274	9.5	115659.9	-2209.1								
3275	9.5	115703.9	-2255.5								
3276	9.3	115709.8	-2217.1								
3277	9.7	115727.4	-2221.9								
3278	9.8	115737.0	-2232.1								
3279	9.6	115739.5	-2246.5								
3280	9.6	115741.4	-2249.1								
3281	9.1	115801.8	-2241.7								
3282	8.7	115823.8	-2258.8								
3283	9.4	115838.7	-2203.1								
3284	8.3	115842.9	-2247.4								
3285	9.8	115847.9	-2219.2								
3286	9.5	115912.8	-2253.8								
3287	9.1	115919.4	-2213.8								
3288	9.1	115925.3	-2240.4								
3289	9.8	115929.0	-2252.1								
3290	8.8	115929.7	-2218.0								
3291	7.0	115937.2	-2257.6								
3292	9.8	120104.8	-2251.8								
3293	9.0	120122.6	-2250.4								
3294	9.1	120135.5	-2204.2								
3295	8.5	120152.4	-2234.5								
3296	8.5	120154.3	-2258.3								
3297	9.3	120156.0	-2258.8								
3298	9.8	120158.3	-2252.0								
3299	9.5	120159.5	-2235.5								
3300	9.0	120214.8	-2208.0								
3301	9.8	120226.6	-2211.8								
3302	9.2	120232.7	-2240.4								
3303	9.6	120304.1	-2220.0								
3304	9.5	120320.0	-2206.9								
3305	6.0	120336.5	-2247.4								
3306	9.1	120409.0	-2257.9								
3307	9.4	120447.0	-2213.5								
3308	9.8	120454.5	-2214.3								
3309	9.0	120455.9	-2203.1								
3310	8.8	120510.6	-2200.6								
3311	9.8	120518.8	-2222.1								
3312	9.8	120520.0	-2232.4								

-22 3313 12h06m

-22 3672 13h43m

3313	9.3	120612.9	-2236.0	3403	8.7	122727.7	-2221.3	3493	9.5	125613.5	-2231.0	3583	9.0	131733.6	-2208.8
3314	9.8	120618.9	-2213.2	3404	9.5	122735.2	-2210.6	3494	10.	125624.3	-2219.6	3584	9.5	131746.9	-2209.6
3315	9.8	120621.4	-2244.5	3405	9.8	122746.6	-2230.4	3495	9.5	125626.0	-2237.5	3585	9.5	131750.9	-2205.7
3316	9.8	120627.3	-2209.2	3406	8.7	122841.0	-2210.4	3496	8.3	125647.4	-2203.1	3586	9.8	131806.4	-2200.9
3317	9.5	120736.5	-2203.7	3407	9.2	122858.1	-2242.5	3497	9.8	125651.0	-2229.2	3587	9.6	131812.0	-2215.7
3318	9.3	120749.3	-2219.1	3408	9.4	122859.6	-2203.7	3498	9.5	125707.0	-2219.8	3588	9.0	131814.8	-2220.6
3319	9.0	120757.7	-2258.6	3409	9.8	122922.1	-2239.0	3499	9.2	125708.4	-2202.2	3589	8.1	131820.8	-2219.3
3320	9.6	120806.8	-2214.9	3410	8.9	122943.0	-2252.6	3500	9.3	125730.0	-2253.0	3590	9.7	131824.4	-2235.9
3321	9.3	120809.5	-2206.0	3411	9.5	123028.6	-2202.9	3501	9.2	125753.3	-2207.7	3591	9.5	131840.4	-2206.5
3322	6.8	120816.8	-2232.6	3412	9.8	123116.4	-2245.9	3502	9.7	125754.2	-2205.3	3592	8.7	131841.0	-2228.4
3323	9.8	120841.5	-2214.7	3413	9.7	123132.2	-2208.9	3503	9.2	125817.0	-2253.4	3593	9.7	131848.4	-2205.5
3324	9.3	120842.0	-2201.7	3414	9.9	123132.7	-2219.5	3504	9.5	125838.6	-2216.4	3594	9.4	131909.3	-2257.0
3325	9.6	120849.1	-2201.0	3415	9.8	123134.5	-2233.8	3505	9.1	125842.9	-2246.7	3595	9.4	132000.5	-2245.7
3326	9.4	120934.2	-2240.7	3416	9.8	123204.0	-2249.9	3506	10.	125912.5	-2215.7	3596	9.6	132053.5	-2234.0
3327	9.8	120955.1	-2206.3	3417	9.9	123207.9	-2234.5	3507	9.4	125924.6	-2206.5	3597	9.8	132053.6	-2210.9
3328	9.8	120956.7	-2225.4	3418	9.2	123215.1	-2212.5	3508	8.0	130018.5	-2248.5	3598	9.5	132055.5	-2245.4
3329	9.8	121000.7	-2257.7	3419	8.3	123216.9	-2245.6	3509	9.5	130022.4	-2255.9	3599	9.5	132117.4	-2227.2
3330	9.3	121001.4	-2241.8	3420	8.9	123222.4	-2239.9	3510	9.5	130036.4	-2251.0	3600	9.0	132118.7	-2225.0
3331	9.7	121022.7	-2226.8	3421	9.9	123254.8	-2234.9	3511	9.7	130039.1	-2234.9	3601	30.0	132147.2	-2231 9
3332	9.5	121023.5	-2229.9	3422	10.	123332.3	-2229.5	3512	8.8	130043.4	-2254.1	3602	9.0	132226.9	-2229 9
3333	9.1	121051.3	-2208.7	3423	9.0	123342.9	-2243.4	3513	6.9	130052.0	-2219.9	3603	9.0	132229.5	-2244.7
3334	9.4	121102.6	-2255.4	3424	9.5	123348.4	-2209.1	3514	9.5	130108.5	-2208.8	3604	7.7	132232.9	-2253.8
3335	9.8	121105.2	-2225.6	3425	9.8	123428.2	-2240.9	3515	5.0	130114.1	-2220.3	3605	8.3	132240.9	-2226.9
3336	9.3	121107.8	-2212.3	3426	9.0	123432.3	-2204.6	3516	8.2	130125.3	-2225.7	3606	9.5	132241.4	-2231.5
3337	9.0	121130.1	-2204.6	3427	9.5	123442.2	-2229.8	3517	9.1	130128.9	-2240.7	3607	9.1	132245.0	-2242.7
3338	8.9	121135.5	-2254.9	3428	9.8	123502.3	-2203.1	3518	8.2	130138.5	-2204.6	3608	9.7	132305.4	-2209.8
3339	9.3	121137.4	-2205.4	3429	9.8	123534.0	-2232.3	3519	9.5	130204.8	-2214.3	3609	9.7	132308.5	-2204.1
3340	9.8	121140.6	-2234.8	3430	8.6	123542.2	-2240.5	3520	9.0	130210.8	-2224.1	3610	9.7	132319.0	-2216.4
3341	9.4	121147.1	-2232.2	3431	9.3	123556.7	-2252.2	3521	7.5	130219.9	-2238.2	3611	9.4	132323.7	-2204.2
3342	9.1	121156.6	-2219.3	3432	9.3	123600.2	-2248.4	3522	7.5	130230.8	-2250.7	3612	9.5	132341.4	-2239.5
3343	9.8	121206.5	-2207.6	3433	9.4	123602.6	-2252.1	3523	9.6	130234.4	-2212.3	3613	9.4	132353.5	-2210.4
3344	8.8	121211.1	-2237.5	3434	8.3	123604.5	-2203.7	3524	9.9	130306.0	-2207.0	3614	9.8	132357.9	-2251.1
3345	9.8	121211.8	-2255.6	3435	9.8	123617.6	-2219.0	3525	9.2	130325.8	-2249.0	3615	8.7	132407.8	-2208.5
3346	9.2	121234.4	-2222.5	3436	8.8	123621.9	-2216.1	3526	9.9	130349.2	-2202.2	3616	9.0	132409.3	-2212.9
3347	9.5	121248.0	-2254.5	3437	9.6	123624.5	-2211.2	3527	9.9	130426.8	-2242.9	3617	9.1	132411.7	-2213.3
3348	9.6	121255.8	-2251.8	3438	9.8	123634.7	-2226.4	3528	9.0	130432.7	-2234.0	3618	9.5	132505.3	-2237.1
3349	10.	121316.6	-2251.6	3439	9.8	123644.7	-2239.4	3529	9.8	130447.3	-2235.3	3619	9.3	132516.8	-2256.6
3350	9.4	121321.4	-2257.3	3440	9.9	123647.2	-2246.8	3530	9.4	130454.7	-2212.5	3620	9.8	132529.0	-2225.8
3351	8.6	121339.8	-2252.1	3441	9.8	123651.1	-2253.7	3531	9.8	130456.1	-2214.0	3621	9.8	132529.3	-2233.5
3352	9.3	121349.9	-2217.2	3442	8.5	123659.6	-2227.5	3532	9.8	130457.0	-2208.0	3622	9.5	132546.0	-2211.3
3353	7.7	121409.3	-2205.3	3443	9.8	123709.4	-2231.0	3533	9.3	130504.4	-2207.4	3623	9.1	132633.1	-2204.5
3354	9.8	121418.5	-2231.3	3444	10.	123823.1	-2220.8	3534	8.3	130522.5	-2209.6	3624	9.8	132713.7	-2232.4
3355	9.9	121419.4	-2246.7	3445	10.	123825.7	-2215.9	3535	9.8	130525.7	-2225.2	3625	9.8	132720.8	-2222.8
3356	9.8	121435.8	-2256.1	3446	9.6	123950.5	-2207.4	3536	9.8	130537.4	-2249.6	3626	9.7	132742.3	-2220.3
3357	9.5	121444.9	-2219.9	3447	9.5	124022.2	-2232.3	3537	9.8	130609.8	-2245.3	3627	9.0	132813.8	-2254.9
3358	10.	121446.6	-2211.8	3448	8.8	124056.6	-2246.1	3538	9.2	130717.0	-2203.0	3628	9.7	132827.6	-2215.6
3359	10.	121456.9	-2210.3	3449	9.4	124059.5	-2211.5	3539	9.7	130733.6	-2228.9	3629	8.9	132837.3	-2208.4
3360	9.7	121507.4	-2217.3	3450	9.4	124110.1	-2212.7	3540	9.5	130816.2	-2202.1	3630	7.0	132911.5	-2252.3
3361	8.5	121510.4	-2227.1	3451	9.2	124119.1	-2247.9	3541	9.5	130820.1	-2203.2	3631	9.2	132919.2	-2230.2
3362	9.4	121520.9	-2227.2	3452	7.5	124120.0	-2226.8	3542	8.5	130823.2	-2246.6	3632	9.7	132934.2	-2209.7
3363	9.8	121556.8	-2221.2	3453	9.9	124246.5	-2257.1	3543	9.4	130830.3	-2204.2	3633	9.8	132943.1	-2251.9
3364	9.9	121629.9	-2207.4	3454	9.4	124351.2	-2240.0	3544	9.8	130846.1	-2252.0	3634	8.3	132948.6	-2201.6
3365	8.8	121642.7	-2202.3	3455	9.7	124406.3	-2242.0	3545	9.5	130853.6	-2242.5	3635	8.2	132958.6	-2228.7
3366	9.8	121703.4	-2241.6	3456	9.1	124409.3	-2249.9	3546	9.8	130853.7	-2235.4	3636	9.3	133000.3	-2219.6
3367	9.0	121707.8	-2252.6	3457	9.5	124413.7	-2232.2	3547	9.5	130923.6	-2259.8	3637	9.0	133013.8	-2217.7
3368	9.4	121744.7	-2226.6	3458	9.7	124416.2	-2200.2	3548	8.6	130936.3	-2220.6	3638	8.0	133015.9	-2257.1
3369	9.9	121747.2	-2205.6	3459	9.7	124429.0	-2204.4	3549	8.6	131009.6	-2244.2	3639	8.9	133019.4	-2202.1
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3371	8.3	121805.9	-2201.0	3461	9.1	124435.9	-2212.2	3551	9.8	131035.4	-2208.1	3641	9.4	133147.3	-2201.0
3372	9.8	121818.0	-2257.9	3462	7.0	124451.5	-2220.9	3552	9.8	131053.5	-2236.3	3642	9.7	133158.2	-2208.9
3373	9.7	121925.7	-2236.3	3463	9.4	124458.8	-2222.3	3553	9.8	131056.0	-2239.0	3643	9.0	133222.7	-2217.7
3374	9.7	121935.6	-2211.0	3464	10.	124519.5	-2214.3	3554	3.	131101.5	-2224.0	3644	9.5	133316.5	-2245.0
3375	9.7	122020.3	-2223.5	3465	8.7	124523.6	-2222.7	3555	9.8	131110.5	-2228.7	3645	6.7	133330.3	-2242.8
3376	9.1	122026.1	-2237.0	3466	9.4	124536.5	-2209.3	3556	8.8	131113.1	-2246.4	3646	9.3	133336.0	-2252.2
3377	8.5	122031.4	-2225.5	3467	9.0	124550.8	-2205.2	3557	9.4	131123.4	-2215.3	3647	8.7	133401.2	-2222.7
3378	9.1	122033.6	-2223.0	3468	9.8	124556.0	-2258.9	3558	9.0	131130.5	-2254.2	3648	9.4	133444.0	-2235.2
3379	8.2	122106.1	-2207.1	3469	10.	124557.7	-2256.3	3559	9.8	131139.5	-2215.6	3649	9.2	133456.3	-2226.5
3380	9.8	122159.5	-2215.0	3470	8.0	124559.7	-2219.2	3560	9.2	131155.0	-2235.7	3650	9.4	133459.5	-2225.2
3381	9.4	122200.5	-2223.5	3471	9.8	124602.2	-2205.4	3561	9.4	131155.8	-2232.8	3651	9.3	133504.7	-2204.4
3382	9.9	122238.7	-2215.1	3472	9.4	124635.3	-2233.0	3562	9.7	131217.7	-2215.2	3652	9.5	133609.7	-2200.9
3383	6.0	122243.0	-2253.9	3473	9.5	124712.3	-2227.8	3563	9.8	131257.9	-2219.5	3653	9.8	133613.2	-2200.3
3384	9.6	122248.9	-2203.8	3474	9.0	124739.1	-2255.2	3564	7.0	131331.1	-2201.7	3654	9.5	133620.5	-2255.5
3385	9.0	122251.9	-2244.9	3475	9.2	124752.3	-2209.6	3565	9.8	131347.8	-2203.8	3655	9.3	133622.7	-2209.8
3386	9.1	122310.9	-2232.6	3476	9.2	124809.3	-2249.1	3566	9.3	131348.2	-2252.5	3656	9.9	133628.5	-2233.4
3387	8.8	122331.4	-2229.8	3477	9.4	124809.4	-2209.9	3567	9.1	131348.5	-2245.7	3657	9.2	133641.4	-2206.6
3388	9.6	122343.5	-2212.1	3478	9.4	124811.3	-2211.6	3568	9.9	131402.9	-2230.2	3658	9.8	133755.0	-2211.4
3389	9.4	122431.3	-2217.0	3479	9.7	124835.6	-2232.3	3569	9.8	131404.2	-2216.0	3659	9.8	133910.4	-2241.1
3390	9.7	122456.2	-2204.1	3480	9.4	124911.7	-2203.8	3570	9.2	131414.4	-2205.3	3660	8.5	133910.4	-2245.1
3391	9.4	122528.3	-2245.7	3481	9.5	125016.2	-2253.5	3571	9.8	131421.4	-2203.2	3661	8.3	133941.8	-2242.0
3392	9.7	122547.3	-2202.9	3482	7.2	125026.5	-2216.1	3572	8.4	131440.3	-2211.3	3662	9.5	134014.3	-2238.0
3393	9.4	122551.3	-2247.5	3483	8.5	125050.2	-2231.2	3573	8.9	131441.9	-2211.4	3663	9.2	134016.8	-2255.2
3394	8.9	122552.4	-2212.2	3484	9.1	125053.9	-2204.3	3574	9.9	131456.4	-2206.0	3664	9.0	134122.7	-2244.7
3395	7.8	122611.7	-2243.0	3485	9.5	125124.7	-2256.4	3575	8.9	131500.9	-2254.4	3665	9.7	134141.0	-2236.2
3396	9.0	122617.5	-2217.4	3486	9.8	125228.6	-2248.2	3576	9.1	131519.7	-2206.8	3666	9.8	134141.3	-2248.9
3397	9.8	122620.8	-2233.6	3487	9.9	125304.3	-2213.6	3577	9.7	131540.9	-2218.0	3667	9.3	134204.5	-2220.9
3398	9.0	122625.8	-2224.2	3488	8.9	125347.7	-2242.3	3578	10.	131632.2	-2203.5	3668	9.4	134216.7	-2219.6
3399	7.5	122628.7	-2244.8	3489	9.5	125453.7	-2208.1	3579	9.0	131635.1	-2249.4	3669	9.6	134218.0	-2239.7
3400	9.1	122642.8	-2210.0	3490	9.0	125524.5	-2231.7	3580	9.7	131649.4	-2258.4	3670	9.7	134241.8	-2207.4
3401	2.	122647.2	-2235.1	3491	9.5	125555.1	-2248.7	3581	8.5	131659.3	-2235.6	3671	9.5	134245.3	-2242.9
3402	8.7	122712.2	-2240.3	3492	9.0	125604.5	-2244.4	3582	9.5	131707.1	-2256.2	3672	9.2	134346.2	-2224.2

-22 3673 13h43m

-22 4032 15h40m

3673	9.1	134357.7	-2254.4	3763	9.5	140959.4	-2214.3	3853	9.5	144230.9	-2248.5
3674	8.8	134440.3	-2219.1	3764	9.4	141036.4	-2248.7	3854	9.3	144320.8	-2204.9
3675	7.8	134501.7	-2247.7	3765	7.3	141055.2	-2216.7	3855	9.1	144349.9	-2224.6
3676	7.7	134558.2	-2249.5	3766	9.7	141059.8	-2212.8	3856	9.5	144401.9	-2234.9
3677	8.0	134706.2	-2257.3	3767	8.5	141109.4	-2242.3	3857	9.8	144448.1	-2210.8
3678	9.7	134716.5	-2212.7	3768	9.5	141227.9	-2243.6	3858	8.3	144457.0	-2252.2
3679	8.8	134729.0	-2202.7	3769	9.5	141249.2	-2234.6	3859	9.2	144501.4	-2229.8
3680	9.1	134741.2	-2219.9	3770	9.7	141300.1	-2230.1	3860	9.3	144517.4	-2232.9
3681	9.8	134741.3	-2211.9	3771	9.7	141313.8	-2240.1	3861	9.2	144558.8	-2207.4
3682	9.0	134741.9	-2237.2	3772	9.5	141317.4	-2205.1	3862	9.8	144624.3	-2206.5
3683	9.8	134802.7	-2217.4	3773	8.6	141320.3	-2210.0	3863	9.3	144642.4	-2205.7
3684	9.8	134805.7	-2217.5	3774	9.7	141326.7	-2203.3	3864	9.5	144703.6	-2232.6
3685	7.7	134855.6	-2223.1	3775	9.0	141329.2	-2220.9	3865	9.5	144726.3	-2255.5
3686	9.3	134919.6	-2238.3	3776	9.5	141331.4	-2214.5	3866	9.6	144727.5	-2207.1
3687	6.6	134923.1	-2218.2	3777	9.8	141417.9	-2240.9	3867	9.5	144735.8	-2233.5
3688	9.6	134939.5	-2200.1	3778	9.0	141419.2	-2216.1	3868	9.8	144808.7	-2222.1
3689	9.5	134958.0	-2224.9	3779	9.0	141428.8	-2224.5	3869	9.4	144841.5	-2208.0
3690	9.3	135002.1	-2240.5	3780	9.6	141445.8	-2233.0	3870	9.5	144847.7	-2253.6
3691	9.6	135006.5	-2221.1	3781	9.8	141452.6	-2215.7	3871	9.9	144848.2	-2217.8
3692	9.5	135020.0	-2250.0	3782	9.8	141509.3	-2241.2	3872	9.6	144849.7	-2223.9
3693	9.6	135022.2	-2210.3	3783	9.8	141509.7	-2259.9	3873	9.6	144914.8	-2201.7
3694	9.4	135025.7	-2231.5	3784	8.8	141540.8	-2203.4	3874	8.8	144930.6	-2255.6
3695	9.4	135028.4	-2232.8	3785	9.5	141541.1	-2248.1	3875	9.5	144931.7	-2223.1
3696	8.9	135032.7	-2209.3	3786	9.2	141542.4	-2241.0	3876	9.7	145017.2	-2208.5
3697	8.9	135038.3	-2232.1	3787	9.5	141605.8	-2245.0	3877	9.7	145057.8	-2217.3
3698	9.8	135039.2	-2210.3	3788	9.3	141646.7	-2248.7	3878	9.0	145104.9	-2242.0
3699	9.7	135112.0	-2229.0	3789	9.8	141755.8	-2209.8	3879	8.0	145208.8	-2215.9
3700	9.0	135119.5	-2210.2	3790	9.4	141805.2	-2244.5	3880	9.8	145223.5	-2210.5
3701	9.6	135125.4	-2248.7	3791	9.5	141906.4	-2227.2	3881	9.5	145224.4	-2225.4
3702	9.5	135127.0	-2248.9	3792	9.8	141933.0	-2241.3	3882	8.5	145238.1	-2236.7
3703	8.2	135156.5	-2243.5	3793	7.8	142009.7	-2221.5	3883	9.6	145355.0	-2242.5
3704	9.5	135226.5	-2243.3	3794	8.1	142016.5	-2218.5	3884	9.3	145402.8	-2255.5
3705	9.4	135303.5	-2212.1	3795	9.8	142033.0	-2221.8	3885*	9.6	145411.3	-2211.5
3706	8.8	135310.6	-2238.7	3796	9.8	142051.8	-2212.9	3886	8.5	145427.1	-2232.2
3707	9.8	135323.2	-2214.8	3797	8.8	142115.0	-2246.5	3887	9.2	145433.7	-2207.2
3708	9.3	135346.4	-2259.2	3798	9.9	142122.8	-2205.3	3888	9.0	145442.5	-2239.8
3709	8.3	135349.2	-2240.4	3799	9.3	142150.5	-2254.5	3889	9.8	145459.5	-2213.5
3710	9.8	135356.9	-2254.3	3800	9.1	142219.5	-2218.2	3890	9.8	145506.0	-2214.6
3711	9.5	135421.5	-2238.2	3801	9.1	142255.0	-2252.8	3891	9.8	145511.0	-2253.5
3712	9.8	135503.9	-2237.5	3802	8.8	142308.9	-2226.1	3892	9.1	145523.5	-2254.4
3713	9.6	135510.7	-2220.4	3803	7.0	142352.3	-2247.8	3893	9.4	145600.4	-2200.2
3714	9.4	135532.4	-2234.4	3804	9.3	142408.4	-2200.6	3894	9.4	145633.5	-2235.9
3715	9.6	135644.3	-2237.8	3805	9.5	142415.4	-2238.5	3895	9.3	145638.9	-2237.2
3716	8.7	135717.8	-2228.2	3806	9.3	142429.8	-2257.7	3896	9.5	145646.5	-2202.4
3717	8.6	135729.9	-2226.4	3807	9.1	142442.6	-2221.7	3897	7.5	145653.4	-2226.8
3718	10.	135738.2	-2201.4	3808	9.2	142520.1	-2216.6	3898	9.1	145656.5	-2225.5
3719	8.8	135756.6	-2201.9	3809	9.6	142536.2	-2202.6	3899	8.5	145724.7	-2223.8
3720	8.7	135821.8	-2259.9	3810	9.0	142631.7	-2217.4	3900	9.2	145746.9	-2239.5
3721	9.2	135856.3	-2225.3	3811	10.	142711.8	-2200.8	3901	8.0	145747.4	-2245.1
3722	9.8	135902.7	-2226.4	3812	9.2	142725.6	-2226.5	3902	9.2	145826.2	-2208.3
3723	9.0	135914.3	-2247.0	3813	9.3	142736.1	-2234.1	3903	9.5	145 47.3	-2246.1
3724	8.2	135940.8	-2236.3	3814	9.8	142745.0	-2248.8	3904	7.7	150 27.8	-2230.1
3725	9.9	135950.2	-2202.6	3815	9.2	142811.7	-2205.6	3905	9.0	150 32.4	-2238.6
3726	9.8	135955.9	-2218.8	3816	9.5	142825.9	-2243.4	3906	9.6	150 01.9	-2205.1
3727	9.0	140038.1	-2204.3	3817	9.2	142831.5	-2232.0	3907	9.8	150 13.8	-2251.4
3728	9.7	140049.7	-2236.7	3818	9.0	142916.9	-2220.9	3908	8.3	150136.5	-2209.9
3729	9.0	140101.3	-2204.4	3819	7.5	142942.4	-2231.5	3909	9.4	150248.7	-2252.3
3730	9.7	140114.7	-2243.8	3820	9.8	143000.6	-2254.1	3910	9.8	150255.3	-2215.6
3731	9.6	140151.2	-2259.1	3821	9.3	143008.2	-2214.4	3911	9.1	150355.1	-2248.1
3732	9.8	140158.7	-2201.8	3822	8.0	143039.4	-2240.9	3912	9.7	150422.8	-2202.6
3733	9.3	140210.2	-2240.5	3823	9.1	143054.8	-2224.1	3913	9.2	150424.6	-2241.1
3734	9.7	140228.4	-2211.2	3824	9.8	143139.4	-2253.4	3914	9.6	150431.5	-2210.5
3735	9.6	140230.3	-2254.2	3825	10.	143143.8	-2247.0	3915	9.5	150517.2	-2213.7
3736	8.5	140230.3	-2215.2	3826	9.3	143245.3	-2241.2	3916	8.5	150519.1	-2259.5
3737	9.3	140234.1	-2248.1	3827	9.5	143321.8	-2237.1	3917	9.2	150530.4	-2248.9
3738	9.8	140251.6	-2251.7	3828	9.4	143334.2	-2200.4	3918	9.3	150539.4	-2206.5
3739	9.5	140305.7	-2241.7	3829	7.2	143405.2	-2248.1	3919	9.8	150554.2	-2202.9
3740	8.2	140305.9	-2257.5	3830	9.2	143410.8	-2209.0	3920	9.5	150601.5	-2259.8
3741	8.6	140308.4	-2207.8	3831	9.4	143427.8	-2222.4	3921	10.	150628.6	-2236.4
3742	9.5	140314.7	-2225.5	3832	9.5	143431.0	-2239.6	3922	9.5	150639.6	-2249.3
3743	9.5	140345.7	-2214.0	3833	8.9	143506.2	-2223.8	3923	8.8	150643.0	-2202.5
3744	9.6	140432.2	-2244.4	3834	9.8	143535.5	-2206.5	3924	9.8	150724.3	-2201.5
3745	9.8	140528.6	-2226.5	3835	9.9	143545.9	-2213.9	3925	9.3	150805.6	-2209.7
3746	9.0	140539.7	-2233.9	3836	9.0	143559.7	-2221.1	3926	9.0	150849.3	-2240.8
3747	9.8	140604.6	-2202.6	3837	9.0	143601.7	-2222.6	3927	9.5	150914.4	-2246.5
3748	8.2	140609.7	-2227.0	3838	9.5	143613.8	-2208.3	3928	9.0	150934.9	-2256.6
3749	9.5	140623.6	-2256.0	3839	9.1	143613.9	-2242.3	3929	9.8	150937.5	-2231.9
3750	9.7	140632.6	-2200.6	3840	9.0	143622.0	-2215.7	3930	10.	151001.4	-2227.1
3751	9.0	140642.1	-2243.3	3841	9.5	143721.1	-2251.3	3931	9.7	151023.2	-2213.0
3752	9.1	140644.6	-2216.1	3842	9.5	143733.7	-2200.3	3932	8.9	151034.4	-2247.6
3753	9.1	140718.0	-2224.0	3843	10.	143734.2	-2218.0	3933	9.5	151104.9	-2257.4
3754	9.4	140721.8	-2214.0	3844	6.3	143747.7	-2232.0	3934	9.1	151138.9	-2222.4
3755	9.7	140758.9	-2209.3	3845	9.7	143805.4	-2228.6	3935	9.8	151201.9	-2234.0
3756	9.7	140817.6	-2249.4	3846	9.5	143835.1	-2223.0	3936	9.5	151227.3	-2228.6
3757	9.8	140826.5	-2212.2	3847	9.5	143839.1	-2235.6	3937	9.5	151227.6	-2209.8
3758	9.4	140851.5	-2256.1	3848	9.2	143914.5	-2216.9	3938	8.5	151355.6	-2227.1
3759	9.2	140905.1	-2211.7	3849	9.7	144045.6	-2203.9	3939	9.1	151359.8	-2202.7
3760	9.6	140932.8	-2204.3	3850	9.8	144135.8	-2211.8	3940	9.3	151405.8	-2253.6
3761	9.1	140939.8	-2211.9	3851	9.4	144153.0	-2227.9	3941	9.5	151411.2	-2224.2
3762	9.8	140952.5	-2254.1	3852	9.1	144212.0	-2239.1	3942	9.3	151417.1	-2235.1
3943	8.5	151417.8	-2222.7								
3944	9.8	151422.0	-2217.7								
3945	9.2	151432.3	-2254.4								
3946	9.5	151450.2	-2254.6								
3947	9.6	151518.3	-2257.6								
3948	8.8	151543.9	-2212.4								
3949	8.5	151620.2	-2259.3								
3950	8.5	151624.9	-2250.3								
3951	9.0	151628.5	-2223.0								
3952	9.8	151634.6	-2210.3								
3953	9.0	151654.7	-2248.4								
3954	9.4	151707.4	-2215.4								
3955	9.8	151740.3	-2231.4								
3956	9.5	151751.9	-2252.9								
3957	9.8	151817.1	-2244.2								
3958	9.8	151837.2	-2222.1								
3959	9.2	151841.2	-2222.8								
3960	9.5	151939.6	-2245.1								
3961	9.5	152000.8	-2254.8								
3962	9.8	152021.7	-2214.9								
3963	9.5	152025.1	-2227.7								
3964	9.6	152034.6	-2225.5								
3965	9.0	152048.1	-2211.7								
3966	9.7	152210.2	-2216.1								
3967	9.8	152215.6	-2230.0								
3968	8.9	152233.5	-2255.8								
3969	9.1	152322.0	-2220.8								
3970	9.8	152346.0	-2236.6								
3971	9.5	152352.2	-2258.7								
3972	9.3	152401.5	-2232.6								
3973	9.5	152402.9	-2256.1								
3974	9.5	152424.0	-2231.6								
3975	8.0	152443.9	-2258.2								
3976	9.9	152528.1	-2225.8								
3977	9.0	152550.0	-2230.5								
3978	9.5	152602.9	-2253.3								
3979	9.1	152613.2	-2216.7								
3980	9.8	152659.0	-2238.2								
3981	8.9	152711.3	-2253.1								
3982	9.2	152714.4	-2230.7								
3983	9.7	152725.1	-2203.7								
3984	9.6	152740.4	-2209.3								
3985	9.5	152753.7	-2255.7								
3986	9.3	152813.3	-2227.5								
3987	9.4	152822.9	-2207.1								
3988	9.2	152841.8	-2225.5								
3989	6.0	152917.3	-2239.2								
3990	9.5	152923.9	-2209.4								
3991	9.7	152940.8	-2257.1								
3992	9.5	153009.7	-2240.6								
3993	7.7	153013.3	-2233.7								
3994	9.4	153022.9	-2206.7								
3995	9.4	153033.2	-2243.1								
3996	7.0	153049.8	-2240.0								
3997	9.4	153059.6	-2245.5								
3998	9.5	153108.8	-2240.4								
3999	9.3	153113.3	-2225.0								
4000	9.7	153115.6	-2251.5								
4001	9.7	153115.9	-2206.8								
4002	8.5	153118.2	-2259.7								
4003	9.7	153200.1	-2208.6								
4004	9.5	153219.6	-2216.4								
4005	9.9	153234.0	-2212.5								
4006	9.6	153248.7	-2213.2								
4007	8.0	153320.7	-2248.3								
4008	10.	153321.6	-2220.7								
4009	8.3	153332.2	-2233.8								
4010	9.8	153439.7	-2207.6								
4011	10.	153450.5	-2224.1								
4012	8.6	153533.0	-2214.4								
4013	8.9	153549.8	-2252.7								
4014	10.	153550.3	-2206.7								
4015	9.0	153620.6	-2237.3								
4016	9.5	153628.5	-2256.3								
4017	8.6	153639.6	-2226.1								
4018	9.4	153642.1	-2211.9								
4019	9.6	153708.3	-2219.5								
4020	6.7	153711.0	-2217.4								
4021	9.0	153725.5	-2207.7								
4022	10.	153823.4	-2254.1								
4023	9.1	153826.0	-2239.8								
4024	9.8	153913.3	-2222.1								
4025	9.4	153926.3	-2213.7								
4026	9.0	153934.9	-2254.6								
4027	9.2	153935.6	-2256.0								
4028	9.8	153943.4	-2200.7								
4029	9.4	154002.0	-2223.9								
4030	9.5	154030.0	-2235.6								
4031	9.5	154044.9	-2229.1								
4032	10.	154055.3	-2243.5								

-22 4033 15h41m

-22 4392 17h32m

4033	8.8	154153.9	-2225.5	4123	9.5	160556.5	-2250.7	4213	9.5	163857.7	-2210.1
4034	7.3	154205.7	-2248.6	4124	9.5	160603.0	-2214.2	4214	9.6	163921.3	-2211.7
4035	9.8	154206.5	-2215.9	4125	9.5	160608.0	-2257.2	4215	8.9	163928.2	-2215.4
4036	7.4	154234.0	-2210.9	4126	9.5	160613.0	-2217.8	4216	9.5	163937.7	-2229.1
4037	10.	154239.4	-2247.1	4127	7.3	160617.8	-2200.3	4217	9.8	163955.0	-2209.8
4038	9.8	154241.6	-2235.2	4128	9.8	160631.8	-2210.5	4218	9.1	164001.2	-2219.8
4039	8.6	154252.9	-2209.0	4129	8.7	160705.0	-2226.7	4219	8.3	164030.2	-2227.0
4040	9.5	154300.8	-2251.9	4130	9.1	160720.3	-2247.5	4220	9.8	164031.0	-2201.6
4041	9.7	154312.8	-2201.8	4131	9.1	160739.8	-2245.0	4221	9.8	164041.4	-2218.8
4042	9.4	154313.7	-2203.0	4132	8.6	160740.2	-2247.6	4222	9.4	164041.7	-2229.6
4043	9.1	154350.6	-2235.4	4133	8.5	160814.3	-2244.8	4223	9.8	164057.7	-2250.9
4044	9.6	154422.2	-2214.0	4134	9.8	160820.5	-2228.4	4224	9.2	164106.9	-2258.4
4045	9.5	154540.2	-2244.6	4135	20.0	160823.9	-2236.5	4225	9.8	164122.5	-2256.2
4046	6.8	154608.1	-2219.8	4136	8.0	160836.5	-2233.1	4226	9.3	164141.8	-2222.7
4047	9.5	154616.8	-2228.9	4137	8.8	160847.2	-2258.8	4227	9.3	164142.8	-2248.7
4048	9.9	154627.1	-2235.4	4138	9.3	160849.3	-2250.7	4228	9.8	164153.3	-2204.5
4049	9.5	154632.9	-2220.7	4139	9.2	160853.0	-2242.5	4229	9.5	164204.9	-2242.6
4050	9.4	154636.8	-2203.8	4140	30.0	160900.7	-2235.0	4230	9.6	164311.6	-2209.1
4051	9.2	154639.7	-2227.9	4141	30.0	160901.9	-2232.0	4231	9.4	164315.0	-2231.8
4052	8.4	154642.4	-2256.1	4142	9.8	160903.9	-2214.0	4232	8.0	164319.7	-2239.6
4053	9.7	154645.0	-2240.7	4143	9.0	160904.3	-2208.2	4233	9.1	164321.6	-2203.9
4054	9.5	154702.2	-2256.0	4144	9.2	160910.4	-2232.0	4234	8.9	164355.8	-2227.7
4055	9.3	154746.2	-2233.5	4145	9.2	160931.5	-2220.6	4235	9.3	164445.2	-2255.2
4056	9.8	154751.7	-2244.9	4146	9.2	160937.3	-2247.0	4236	9.7	164513.4	-2231.1
4057	8.0	154813.1	-2245.6	4147	9.2	160939.6	-2255.5	4237	9.4	164514.3	-2204.5
4058	8.5	154926.5	-2207.3	4148	7.3	160948.7	-2254.7	4238	9.7	164517.3	-2231.6
4059	9.4	155002.1	-2232.0	4149	8.9	161013.0	-2224.1	4239	9.1	164602.6	-2236.3
4060	10.	155031.0	-2250.0	4150	9.7	161016.4	-2230.8	4240	9.8	164630.4	-2224.8
4061	9.4	155048.4	-2238.6	4151	9.2	161101.3	-2204.8	4241	9.8	164636.2	-2226.9
4062	9.5	155048.6	-2222.7	4152	9.8	161127.5	-2227.4	4242	9.6	164643.3	-2238.7
4063	9.0	155109.8	-2216.0	4153	9.5	161131.3	-2210.1	4243	9.3	164643.5	-2247.9
4064	9.8	155117.2	-2222.4	4154	9.5	161145.0	-2203.8	4244	9.8	164735.0	-2216.1
4065	9.0	155119.1	-2209.0	4155	10.	161211.5	-2206.6	4245	9.3	164736.2	-2213.7
4066	8.5	155124.5	-2246.8	4156	8.5	161212.5	-2214.2	4246	9.5	164737.9	-2227.1
4067	9.5	155130.0	-2255.4	4157	9.8	161233.2	-2218.3	4247	9.5	164753.3	-2258.2
4068	2.	155145.9	-2211.9	4158	9.0	161341.3	-2217.5	4248	9.3	164759.2	-2226.4
4069	9.0	155315.0	-2224.2	4159	7.3	161411.7	-2246.1	4249	5.5	164803.9	-2254.7
4070	9.5	155319.8	-2236.3	4160	9.5	161503.8	-2258.8	4250	9.0	164817.7	-2220.8
4071	7.7	155338.6	-2216.4	4161	9.0	161515.3	-2201.7	4251	9.1	164847.9	-2224.3
4072	7.8	155408.9	-2246.7	4162	7.7	161546.4	-2218.7	4252	9.8	164905.9	-2202.5
4073	9.8	155413.5	-2244.4	4163	9.8	161551.9	-2200.5	4253	9.3	164915.6	-2202.8
4074	9.7	155419.0	-2222.0	4164	10.	161559.7	-2224.9	4254	9.0	164923.2	-2248.1
4075	9.5	155421.9	-2245.4	4165	9.3	161613.4	-2219.3	4255	9.8	164949.5	-2240.5
4076	9.5	155527.0	-2202.1	4166	9.7	161723.3	-2210.9	4256	9.5	165034.7	-2226.8
4077	9.4	155533.2	-2238.9	4167	10.	161848.3	-2218.0	4257	9.7	165041.4	-2210.3
4078	10.	155638.8	-2249.4	4168	9.1	161913.0	-2215.6	4258	9.8	165100.5	-2206.1
4079	10.	155653.8	-2254.9	4169	10.	162016.3	-2206.8	4259	9.6	165105.4	-2251.2
4080	9.8	155705.4	-2234.2	4170	9.3	162103.7	-2231.4	4260	9.5	165140.0	-2258.5
4081	9.4	155714.3	-2258.6	4171	9.0	162128.7	-2207.0	4261	9.2	165154.8	-2255.2
4082	9.1	155724.5	-2212.1	4172	9.5	162221.8	-2233.5	4262	9.4	165208.7	-2257.2
4083	9.7	155738.1	-2224.5	4173	7.8	162257.7	-2229.1	4263	9.3	165238.7	-2207.9
4084	9.0	155803.8	-2230.1	4174	8.5	162509.1	-2230.8	4264	8.5	165241.5	-2235.8
4085	9.8	155814.8	-2242.7	4175	8.9	162602.1	-2218.3	4265	9.9	165304.4	-2245.2
4086	9.0	155822.6	-2234.6	4176	9.8	162639.7	-2214.8	4266	9.8	165310.1	-2215.7
4087	9.9	155835.0	-2215.2	4177	9.4	162821.9	-2241.8	4267	9.7	165337.4	-2206.0
4088	9.7	155847.2	-2204.7	4178	9.5	162845.6	-2249.8	4268	9.4	165359.1	-2226.0
4089	9.5	155922.8	-2236.4	4179	9.8	162911.0	-2252.7	4269	7.5	165436.7	-2256.2
4090	9.8	155930.1	-2217.4	4180	8.9	162926.9	-2208.7	4270	8.9	165457.8	-2227.6
4091	9.7	155940.7	-2252.1	4181	9.0	162930.7	-2257.7	4271	9.8	165501.3	-2216.8
4092	9.7	155946.1	-2214.3	4182	6.8	162938.4	-2235.5	4272	8.7	165511.9	-2240.2
4093	9.2	155953.5	-2201.0	4183	9.2	163007.8	-2251.6	4273	9.5	165605.6	-2244.9
4094	9.5	155956.3	-2228.3	4184	9.2	163105.3	-2200.8	4274	9.2	165625.9	-2240.9
4095	9.8	160000.0	-2258.3	4185	9.5	163303.7	-2252.8	4275	9.5	165627.5	-2230.2
4096	9.4	160003.6	-2256.6	4186	9.8	163312.9	-2253.3	4276	9.4	165647.3	-2241.5
4097	9.8	160004.0	-2253.8	4187	9.5	163314.0	-2247.0	4277	9.3	165715.2	-2253.3
4098	9.5	160005.6	-2209.7	4188	9.7	163327.1	-2206.6	4278	9.3	165716.1	-2238.5
4099	8.9	160005.7	-2227.4	4189	9.5	163330.7	-2225.3	4279	9.5	165821.6	-2246.0
4100	9.5	160007.2	-2219.2	4190	9.1	163334.4	-2225.4	4280	9.5	165829.5	-2215.3
4101	8.5	160047.3	-2234.3	4191	9.4	163341.3	-2216.1	4281	9.5	165833.8	-2230.8
4102	8.5	160047.5	-2247.3	4192	9.4	163352.7	-2250.0	4282	8.8	165903.0	-2217.6
4103	9.4	160051.5	-2213.4	4193	9.6	163414.1	-2256.9	4283	9.6	165918.5	-2249.3
4104	7.8	160122.9	-2201.5	4194	9.2	163431.0	-2203.7	4284	9.4	165945.4	-2204.5
4105	9.3	160134.9	-2204.5	4195	9.3	163448.6	-2259.3	4285	9.8	165954.9	-2219.8
4106	8.0	160148.0	-2242.8	4196	6.8	163458.9	-2227.2	4286	9.6	170023.5	-2217.1
4107	9.4	160218.7	-2211.9	4197	7.5	163505.9	-2251.6	4287	9.4	170028.9	-2250.0
4108	9.5	160225.4	-2241.5	4198	9.5	163529.8	-2200.8	4288	9.5	170037.6	-2257.9
4109	10.	160233.0	-2220.0	4199	7.0	163538.0	-2214.6	4289	9.3	170042.0	-2258.3
4110	9.1	160237.8	-2249.1	4200	9.0	163554.7	-2243.7	4290	9.8	170101.2	-2212.8
4111	9.9	160241.4	-2218.0	4201	9.1	163600.9	-2249.0	4291	9.8	170101.8	-2242.5
4112	10.	160310.7	-2244.6	4202	9.5	163607.8	-2215.7	4292	9.5	170115.8	-2256.5
4113	8.2	160317.1	-2210.0	4203	9.0	163615.3	-2255.3	4293	9.4	170120.8	-2256.6
4114	9.1	160327.8	-2251.8	4204	9.4	163621.0	-2209.0	4294	9.5	170144.6	-2218.7
4115	9.7	160346.3	-2215.5	4205	6.5	163626.6	-2254.4	4295	9.3	170147.7	-2230.1
4116	9.0	160415.8	-2257.5	4206	9.6	163630.2	-2215.0	4296	8.8	170252.9	-2208.0
4117	9.8	160416.1	-2243.6	4207	9.0	163747.2	-2202.7	4297	9.7	170319.4	-2207.6
4118	9.5	160428.6	-2247.9	4208	7.8	163747.8	-2221.6	4298	9.2	170329.9	-2258.9
4119	8.8	160436.1	-2206.8	4209	9.5	163803.6	-2250.5	4299	7.7	170338.6	-2244.4
4120	8.8	160521.8	-2203.8	4210	9.8	163828.7	-2220.5	4300	9.5	170344.6	-2224.5
4121	9.8	160530.6	-2221.0	4211	9.5	163849.6	-2223.7	4301	9.5	170410.9	-2242.5
4122	9.0	160544.0	-2218.6	4212	9.5	163852.4	-2226.5	4302	9.5	170412.8	-2254.5
4303	9.8	170434.0	-2250.4								
4304	9.6	170440.0	-2224.9								
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4310	8.9	170737.3	-2200.2								
4311	8.8	170816.5	-2218.1								
4312	10.	170819.2	-2258.8								
4313	9.4	170821.1	-2227.2								
4314	9.3	170902.6	-2226.8								
4315	9.8	170938.3	-2252.3								
4316	9.5	170941.0	-2248.6								
4317	10.	170954.7	-2229.9								
4318	8.8	171009.5	-2232.8								
4319	9.2	171032.8	-2205.2								
4320	8.9	171045.1	-2250.5								
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4328	9.3	171252.9	-2243.2								
4329	8.0	171304.5	-2236.0								
4330	9.5	171325.4	-2251.5								
4331	9.0	171353.1	-2232.7								
4332	9.4	171358.5	-2229.6								
4333	8.7	171409.6	-2226.3								
4334	9.5	171411.1	-2212.4								
4335	9.0	171420.4	-2220.2								
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4337	9.4	171432.1	-2237.7								
4338	9.6	171432.9	-2219.6								
4339	9.5	171443.4	-2240.3								
4340	9.8	171458.8	-2257.0								
4341	8.3	171538.9	-2239.7								
4342	9.4	171548.5	-2208.4								
4343	9.8	171554.0	-2230.1								
4344	9.5	171609.4	-2239.7								
4345	8.9	171629.8	-2244.3								
4346	9.5	171913.4	-2245.6								
4347	9.3	171946.5	-2225.0								
4348	9.5	171954.4	-2256.8								
4349	8.5	171955.9	-2227.5								
4350	9.5	172018.4	-2213.3								
4351	10.	172024.3	-2207.2								
4352	10.	172034.5	-2205.5								
4353	9.1	172056.9	-2217.8								
4354	9.4	172100.4	-2250.4								
4355	8.7	172119.9	-2249.5								
4356	9.5	172135.8	-2205.9								
4357	9.5	172145.4	-2218.1								
4358	10.	172148.3	-2255.2								
4359	9.3	172219.3	-2217.2								
4360	8.8	172239.2	-2209.6								
4361	9.1	172259.8	-2258.5								
4362	9.0	172310.1	-2253.0								
4363	9.5	172403.4	-2224.0								
4364	9.5	172406.5	-2221.7								
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4366	8.1	172451.6	-2203.6								
4367	9.2	172459.4	-2252.7								
4368	9.1	172507.6	-2258.0								
4369	7.5	172514.9	-2255.2								
4370	9.1	172528.3	-2206.8								
4371	9.5	172629.0	-2213.2								
4372	9.6	172633.6	-2204.0								
4373	10.	172655.5	-2250.0								
4374	9.8	172710.4	-2251.1								
4375	8.7	172716.6	-2226.4								
4376	9.8	172738.4	-2240.6								
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4380	9.5	172819.3	-2242.8								
4381	9.8	172827.7	-2205.4								
4382	9.6	172858.6	-2233.7								
4383	7.5	172918.1	-2229.3								
4384	9.3	172931.3	-2240.3								
4385	9.4	173002.6	-2226.0								
4386	9.5	173025.0	-2229.0								
4387	8.3	173108.8	-2258.4								
4388	9.6	173120.7	-2226.4								
4389	9.7	173134.5	-2212.2								
4390	10.	173153.4	-2210.8								
4391	9.2	173206.9	-2213.1								
4392	9.5	173243.1	-2232.4								

-22 4393 17h32m

-22 4752 18h22m

4393	9.5	173246.9	-2238.9	4483	10.	175104.6	-2221.5	4573	8.7	175902.7	-2253.5	4663	9.9	181031.8	-2215.1
4394	9.0	173300.8	-2255.7	4484	7.5	175114.8	-2231.9	4574	9.7	175903.4	-2252.6	4664	8.5	181032.6	-2247.1
4395	8.7	173314.2	-2213.8	4485	9.4	175115.0	-2217.0	4575	9.7	175918.5	-2214.1	4665	9.2	181042.8	-2224.5
4396	9.1	173329.6	-2203.9	4486	9.7	175130.1	-2224.1	4576	8.4	175924.4	-2216.8	4666	9.1	181045.2	-2229.9
4397	8.6	173356.5	-2217.0	4487	9.3	175132.9	-2223.0	4577	9.4	175937.3	-2209.6	4667	9.4	181050.7	-2200.0
4398	9.1	173440.0	-2226.1	4488	9.7	175133.0	-2217.8	4578	9.5	175943.6	-2255.5	4668	9.0	181053.0	-2208.9
4399	8.7	173509.3	-2241.4	4489	9.3	175137.0	-2257.0	4579	9.2	175946.6	-2243.5	4669	9.6	181053.2	-2203.7
4400	9.2	173511.9	-2201.4	4490	9.5	175141.5	-2234.7	4580	9.5	175956.1	-2216.8	4670	9.0	181053.9	-2235.0
4401	9.5	173513.2	-2258.5	4491	9.0	175208.3	-2214.4	4581	8.5	180000.0	-2210.2	4671	9.4	181104.8	-2225.5
4402	9.5	173519.4	-2251.9	4492	10.	175216.5	-2223.6	4582	9.0	180012.0	-2211.3	4672	9.4	181111.0	-2225.2
4403	9.2	173521.1	-2212.4	4493	8.7	175220.7	-2234.9	4583	9.0	180026.5	-2247.7	4673	9.5	181111.6	-2217.4
4404	9.4	173536.6	-2252.4	4494	9.4	175222.4	-2214.2	4584	9.1	180026.6	-2211.7	4674	9.8	181120.4	-2258.5
4405	7.3	173539.2	-2207.2	4495	9.8	175228.1	-2210.3	4585	8.6	180029.1	-2254.9	4675	9.9	181125.2	-2235.0
4406	9.5	173548.4	-2253.0	4496	10.	175230.6	-2217.7	4586	9.7	180041.3	-2233.3	4676	9.3	181125.9	-2214.1
4407	8.8	173617.8	-2249.0	4497	9.6	175246.8	-2218.5	4587	9.7	180049.2	-2234.4	4677	9.5	181133.7	-2233.5
4408	9.3	173637.6	-2203.1	4498	10.	175247.2	-2213.5	4588	9.6	180053.5	-2221.3	4678	9.2	181140.9	-2212.8
4409	9.5	173702.5	-2225.0	4499	10.	175252.2	-2238.8	4589	9.7	180058.5	-2231.8	4679	9.5	181146.7	-2232.4
4410	9.5	173714.7	-2227.4	4500	8.0	175254.6	-2207.2	4590	9.2	180104.7	-2204.1	4680	9.5	181153.6	-2220.1
4411	8.7	173715.0	-2233.7	4501	10.	175303.8	-2207.6	4591	9.2	180104.9	-2208.4	4681	9.5	181155.2	-2236.9
4412	9.1	173726.9	-2237.9	4502	9.8	175305.5	-2227.1	4592	9.6	180105.8	-2243.7	4682	9.6	181203.0	-2205.1
4413	9.5	173732.7	-2245.3	4503	6.0	175306.1	-2245.7	4593	9.5	180132.8	-2224.4	4683	9.8	181215.5	-2224.0
4414	9.8	173757.8	-2244.6	4504	9.5	175314.2	-2238.3	4594	9.5	180140.6	-2206.7	4684	9.7	181218.4	-2258.6
4415	9.0	173800.5	-2209.2	4505	9.8	175315.8	-2221.5	4595	9.8	180146.7	-2216.1	4685	9.5	181219.1	-2219.8
4416	9.5	173829.9	-2241.7	4506	9.8	175316.4	-2236.1	4596	9.4	180155.1	-2213.6	4686	9.5	181241.0	-2251.6
4417	9.5	173833.1	-2222.3	4507	10.	175317.7	-2214.0	4597	8.0	180159.4	-2215.6	4687	9.8	181248.3	-2223.0
4418	9.4	173833.5	-2206.9	4508	9.5	175330.5	-2228.3	4598	9.5	180200.3	-2212.6	4688	9.7	181301.3	-2207.5
4419	8.8	173833.6	-2201.2	4509	9.2	175333.3	-2219.4	4599	9.2	180206.0	-2255.7	4689	9.5	181302.4	-2234.1
4420	9.4	173834.0	-2209.8	4510	8.0	175343.6	-2254.4	4600	9.5	180209.1	-2209.0	4690	9.5	181309.7	-2234.8
4421	10.	173835.0	-2243.1	4511	9.1	175347.6	-2245.9	4601	9.5	180212.7	-2231.7	4691	9.0	181310.7	-2208.7
4422	9.9	173856.5	-2229.4	4512	9.8	175352.8	-2211.5	4602	9.4	180217.6	-2220.2	4692	8.4	181313.3	-2204.6
4423	6.7	173900.6	-2224.7	4513	9.6	175358.4	-2204.8	4603	9.7	180226.6	-2225.6	4693	7.2	181316.2	-2219.3
4424	8.8	173904.4	-2255.0	4514	9.8	175412.6	-2251.8	4604	9.8	180233.7	-2205.2	4694	7.8	181319.9	-2201.3
4425	9.1	173905.9	-2207.4	4515	9.5	175414.3	-2229.2	4605	9.1	180259.0	-2207.6	4695	7.8	181325.6	-22.7.9
4426	9.2	173914.4	-2237.0	4516	7.3	175415.0	-2242.7	4606	9.8	180301.8	-2225.7	4696	9.2	181343.7	-2214.9
4427	9.8	173931.8	-2204.9	4517	9.5	175426.8	-2240.4	4607	9.4	180330.2	-2226.5	4697	9.5	181348.3	-2257.7
4428	9.8	173940.9	-2219.9	4518	9.2	175426.9	-2249.5	4608	9.5	180345.2	-2216.7	4698	9.7	181352.4	-2213.6
4429	9.5	173945.3	-2234.3	4519	9.1	175428.9	-2201.7	4609	9.8	180348.1	-2246.0	4699	10.	181413.1	-2236.4
4430	9.5	173946.5	-2229.9	4520	8.3	175431.7	-2252.7	4610	9.8	180354.3	-2221.1	4700	9.0	181416.9	-2221.0
4431	9.5	174055.9	-2207.7	4521	9.1	175438.9	-2218.2	4611	9.4	180405.2	-2227.4	4701	9.5	181416.9	-220 .1
4432	9.5	174110.9	-2238.9	4522	8.3	175439.1	-2236.5	4612	10.	180408.3	-2201.5	4702	9.1	181417.4	-2240.5
4433	9.2	174132.3	-2255.4	4523	9.8	175440.0	-2212.9	4613	9.1	180410.2	-2229.2	4703	9.7	181430.0	-2226.2
4434	9.2	174140.9	-2239.0	4524	9.5	175445.6	-2203.8	4614	9.8	180424.4	-2216.0	4704	9.5	181431.6	-2240.7
4435	9.2	174204.5	-2236.9	4525	9.4	175447.8	-2211.6	4615	9.6	180427.6	-2204.7	4705	9.8	181443.6	-2243.1
4436	7.0	174219.8	-2252.2	4526	9.8	175449.8	-2225.3	4616	8.8	180433.3	-2251.4	4706	9.4	181501.4	-2213.4
4437	9.3	174245.6	-2225.8	4527	9.9	175449.9	-2210.0	4617	9.8	180435.2	-2206.3	4707	10.	181502.3	-2246.4
4438	9.5	174306.4	-2237.0	4528	9.3	175457.2	-2230.5	4618	9.0	180438.4	-2204.1	4708	9.2	181511.6	-2220.8
4439	9.5	174325.1	-2224.0	4529	9.4	175457.5	-2228.0	4619	8.3	180439.9	-2244.9	4709	8.6	181511.8	-2206.7
4440	9.7	174329.2	-2206.8	4530	9.0	175503.9	-2213.9	4620	9.6	180441.6	-2218.3	4710	9.6	181537.9	-2222.9
4441	7.3	174332.4	-2237.7	4531	9.6	175505.3	-2249.5	4621	9.3	180443.6	-2215.7	4711	9.7	181601.9	-2201.4
4442	9.4	174339.8	-2250.3	4532	10.	175506.8	-2228.2	4622	9.3	180449.4	-2223.4	4712	9.9	181608.7	-2233.4
4443	9.0	174348.0	-2237.5	4533	7.4	175508.9	-2250.3	4623	9.8	180509.0	-2230.6	4713	9.7	181610.2	-2204.9
4444	9.4	174410.4	-2216.3	4534	9.4	175511.1	-2230.9	4624	9.4	180519.6	-2243.4	4714	9.5	181626.2	-2241.0
4445	9.4	174413.6	-2212.7	4535	8.6	175516.9	-2233.6	4625	9.6	180524.9	-2213.2	4715	9.5	181628.4	-2235.0
4446	8.3	174427.0	-2230.0	4536	9.3	175520.9	-2227.3	4626	9.5	180534.5	-2227.9	4716	9.6	181644.8	-2246.4
4447	9.1	174430.4	-2218.2	4537	9.4	175521.4	-2226.1	4627	10.	180542.2	-2207.0	4717	9.5	181647.3	-2200.2
4448	10.	174440.0	-2211.3	4538	9.5	175525.6	-2229.1	4628	9.5	180547.1	-2246.3	4718	9.3	181655.9	-2205.0
4449	9.5	174444.0	-2214.5	4539	9.0	175525.9	-2241.0	4629	9.5	180550.0	-2227.3	4719	9.4	181728.7	-2244.2
4450	9.5	174523.4	-2244.5	4540	9.2	175526.1	-2226.9	4630	9.1	180601.0	-2203.8	4720	9.8	181732.2	-2244.2
4451	9.5	174527.4	-2240.7	4541	7.7	175526.4	-2229.8	4631	8.6	180604.5	-2202.6	4721	9.5	181732.8	-2218.3
4452	9.7	174539.3	-2237.1	4542	9.2	175530.0	-2203.4	4632	9.7	180608.7	-2237.6	4722	9.2	181748.7	-2216.2
4453	9.5	174542.0	-2232.9	4543	9.1	175531.6	-2229.3	4633	9.3	180616.3	-2238.8	4723	10.	181750.3	-2202.2
4454	8.0	174612.7	-2256.5	4544	9.6	175535.0	-2229.1	4634	9.1	180620.3	-2238.2	4724	9.3	181759.1	-2258.9
4455	10.	174620.4	-2218.4	4545	9.4	175538.3	-2226.3	4635	9.0	180620.9	-2228.5	4725	9.7	181814.3	-2211.5
4456	9.1	174624.9	-2203.0	4546	9.7	175543.6	-2213.2	4636	9.6	180622.6	-2225.1	4726	9.7	181817.1	-2256.5
4457	9.4	174648.7	-2208.4	4547	9.4	175548.8	-2222.6	4637	9.4	180633.7	-2208.7	4727	9.5	181844.1	-2202.7
4458	9.5	174649.1	-2200.9	4548	9.5	175559.7	-2227.1	4638	9.1	180636.6	-2246.8	4728	9.6	181845.6	-2211.6
4459	9.2	174654.3	-2223.9	4549	9.8	175607.1	-2232.0	4639	10.	180708.8	-2214.1	4729	9.4	181849.7	-2242.9
4460	7.8	174725.5	-2225.8	4550	9.3	175626.8	-2224.3	4640	9.6	180717.2	-2235.1	4730	9.4	181850.8	-2228.1
4461	9.4	174732.6	-2200.6	4551	9.8	175630.6	-2250.9	4641	9.5	180720.9	-2218.0	4731	9.8	181850.9	-2215.5
4462	9.1	174738.3	-2246.0	4552	10.	175631.7	-2235.8	4642	9.5	180729.0	-2234.2	4732	9.8	181911.2	-2229.9
4463	9.6	174832.6	-2221.0	4553	9.4	175633.7	-2206.6	4643	9.0	180736.2	-2204.4	4733	9.0	181925.8	-2230.2
4464	9.5	174852.1	-2253.4	4554	9.5	175658.0	-2251.2	4644	9.4	180742.6	-2217.3	4734	9.8	181935.3	-2242.0
4465	9.0	174859.1	-2212.7	4555	9.0	175705.9	-2212.6	4645	9.9	180749.7	-2202.6	4735	9.5	181937.6	-2258.1
4466	9.5	174859.2	-2241.6	4556	9.5	175710.1	-2238.2	4646	9.5	180822.2	-2254.2	4736	9.0	181940.2	-2254.5
4467	9.5	174904.5	-2203.6	4557	8.7	175721.7	-2207.0	4647	9.4	180822.9	-2257.1	4737	9.5	181944.3	-2208.3
4468	9.0	174907.8	-2233.0	4558	9.2	175724.3	-2227.7	4648	8.5	180824.3	-2212.7	4738	9.5	182006.4	-2222.3
4469	9.1	174908.8	-2257.6	4559	9.1	175736.1	-2243.6	4649	10.	180830.1	-2201.9	4739	9.6	182010.2	-2223.2
4470	9.4	174917.7	-2208.9	4560	9.8	175758.8	-2224.1	4650	9.5	180851.6	-2227.4	4740	9.7	182040.1	-2207.2
4471	9.3	174944.4	-2246.5	4561	8.5	175759.2	-2228.4	4651	9.7	180853.3	-2217.8	4741	9.6	182044.3	-2234.1
4472	9.5	175001.1	-2247.9	4562	8.4	175804.7	-2203.1	4652	9.5	180906.7	-2217.8	4742	9.1	182048.7	-2215.8
4473	9.3	175008.5	-2230.3	4563	9.8	175809.9	-2204.7	4653	8.3	180909.7	-2220.2	4743	9.5	182049.8	-2233.5
4474	6.8	175011.3	-2229.7	4564	9.7	175818.8	-2215.3	4654	9.5	180910.3	-2200.5	4744	8.7	182056.3	-2246.3
4475	8.5	175012.0	-2221.9	4565	9.7	175819.0	-2223.9	4655	8.2	180912.3	-2223.1	4745	9.6	182132.9	-2224.6
4476	9.7	175028.3	-2204.7	4566	9.5	175822.1	-2241.5	4656	9.1	180931.3	-2203.1	4746	9.5	182137.8	-2241.9
4477	9.8	175037.4	-2207.2	4567	9.1	175847.0	-2206.4	4657	9.7	180932.9	-2200.5	4747	9.5	182153.1	-2203.8
4478	7.3	175040.5	-2226.6	4568	9.8	175847.8	-2227.7	4658	9.8	180940.9	-2258.4	4748	9.8	182205.4	-2255.2
4479	9.0	175050.5	-2258.9	4569	9.3	175854.0	-2254.4	4659	9.4	180944.4	-2201.1	4749	9.8	182206.2	-2237.7
4480	9.0	175053.6	-2256.0	4570	9.0	175854.0	-2207.4	4660	9.2	180946.7	-2204.2	4750	10.	182211.9	-2220.5
4481	9.3	175102.2	-2237.1	4571	8.9	175854.9	-2205.0	4661	9.0	180951.7	-2235.8	4751	9.5	182226.4	-2236.1
4482	8.9	175104.1	-2238.2	4572	9.7	175859.5	-2256.8	4662	9.4	181014.5	-2259.5	4752	9.5	182232.6	-2258.7

-22 4753 18h22m

-22 5112 19h18m

4753	9.3	182246.7	-2259.1	4843	9.4	183605.7	-2254.5	4933	9.2	185006.4	-2239.8	5023	9.3	190536.7	-2257.2
4754	9.1	182252.0	-2248.8	4844	9.8	183607.6	-2206.3	4934	9.5	185011.5	-2226.3	5024	9.7	190551.8	-2212.4
4755	9.2	182253.7	-2213.8	4845	9.2	183629.2	-2215.3	4935	9.3	185017.0	-2226.0	5025	8.8	190552.7	-2219.2
4756	9.3	182257.1	-2254.9	4846	9.5	183635.5	-2216.8	4936	9.3	185019.1	-2217.8	5026	9.4	190554.8	-2244.8
4757	9.5	182257.2	-2210.2	4847	9.5	183647.8	-2255.3	4937	9.1	185031.5	-2205.5	5027	9.2	190610.7	-2216.5
4758	9.0	182317.8	-2243.3	4848	9.3	183651.0	-2211.1	4938	8.3	185054.2	-2200.9	5028	8.9	190616.3	-2240.8
4759	9.5	182322.5	-2248.4	4849	9.8	183653.4	-2229.8	4939	9.8	185110.1	-2220.2	5029	9.1	190705.2	-2237.0
4760	8.7	182330.1	-2209.3	4850	9.5	183659.1	-2219.5	4940	9.5	185116.0	-2234.3	5030	9.3	190706.8	-2240.9
4761	9.0	182343.0	-2229.9	4851	9.3	183717.2	-2216.0	4941	10.	185132.0	-2203.6	5031	10.	190708.1	-2210.0
4762	9.5	182343.1	-2223.0	4852	9.5	183718.5	-2252.3	4942	9.8	185150.6	-2225.7	5032	9.1	190715.4	-2216.8
4763	8.9	182345.4	-2223.6	4853	9.5	183723.4	-2208.1	4943	9.3	185227.3	-2202.7	5033	8.8	190715.8	-2205.0
4764	9.0	182347.0	-2201.2	4854	6.2	183736.4	-2231.7	4944	8.9	185235.8	-2218.7	5034	9.6	190717.2	-2202.6
4765	9.8	182347.8	-2212.2	4855	8.9	183747.5	-2205.0	4945	9.8	185247.1	-2214.6	5035	8.8	190756.5	-2202.7
4766	9.7	182355.1	-2252.6	4856	9.5	183800.5	-2226.1	4946	6.5	185252.9	-2253.5	5036	9.4	190811.4	-2217.7
4767	8.0	182401.0	-2213.9	4857	10.	183808.3	-2252.6	4947	9.5	185259.6	-2223.8	5037	9.8	190813.8	-2259.2
4768	9.5	182412.5	-2211.2	4858	8.5	183811.4	-2244.0	4948	9.5	185303.4	-2200.2	5038	8.8	190816.3	-2228.9
4769	9.5	182421.5	-2206.0	4859	8.5	183814.5	-2226.5	4949	9.5	185304.6	-2231.5	5039	8.5	190820.4	-2211.9
4770	9.3	182422.3	-2219.4	4860	9.0	183827.2	-2255.4	4950	8.5	185317.5	-2217.4	5040	8.3	190829.9	-2200.6
4771	8.5	182425.7	-2254.9	4861	9.7	183835.6	-2202.7	4951	9.3	185333.1	-2240.0	5041	9.5	190854.8	-2223.2
4772	8.3	182434.2	-2243.8	4862	9.5	183856.0	-2202.3	4952	9.5	185343.5	-2248.8	5042	9.5	190857.1	-2212.4
4773	9.2	182443.2	-2227.5	4863	8.8	183908.5	-2219.1	4953	9.5	185353.6	-2250.0	5043	9.5	190859.2	-2251.4
4774	9.5	182457.1	-2257.4	4864	8.6	183930.9	-2234.2	4954	9.9	185415.7	-2201.0	5044	9.5	190931.1	-2231.2
4775	9.2	182459.3	-2244.4	4865	9.0	183944.3	-2213.9	4955	9.7	185418.9	-2236.0	5045	9.5	190931.4	-2203.0
4776	9.6	182502.1	-2210.2	4866	9.5	184014.4	-2249.8	4956	9.7	185430.9	-2208.2	5046	9.5	190936.8	-2247.8
4777	8.9	182503.4	-2222.0	4867	9.5	184028.6	-2216.3	4957	9.4	185449.6	-2246.1	5047	9.4	190953.8	-2246.9
4778	8.7	182505.3	-2232.1	4868	9.6	184036.0	-2204.7	4958	8.5	185459.4	-2254.8	5048	9.4	191003.0	-2201.5
4779	9.5	182517.9	-2232.4	4869	9.8	184036.2	-2231.5	4959	9.4	185513.0	-2204.2	5049	8.0	191013.9	-2221.4
4780	9.5	182518.7	-2254.6	4870	9.5	184047.0	-2223.9	4960	9.5	185527.3	-2238.5	5050	9.2	191021.4	-2225.0
4781	8.8	182537.6	-2218.6	4871	9.6	184109.4	-2251.3	4961	8.7	185527.8	-2245.4	5051	10.	191027.3	-2203.0
4782	9.8	182547.0	-2229.0	4872	10.	184122.6	-2213.7	4962	9.5	185529.4	-2225.3	5052	9.0	191039.5	-2212.3
4783	8.5	182555.2	-2238.8	4873	9.2	184124.0	-2200.8	4963	9.5	185529.5	-2259.8	5053	9.1	191050.8	-2212.4
4784	9.4	182556.3	-2219.2	4874	9.5	184134.6	-2210.2	4964	9.5	185552.7	-2236.6	5054	9.2	191100.7	-2254.8
4785	9.8	182610.1	-2226.1	4875	9.5	184137.4	-2202.3	4965	9.5	185611.6	-2233.3	5055	9.7	191102.4	-2211.2
4786	9.7	182611.4	-2209.7	4876	9.5	184138.0	-2214.5	4966	9.5	185616.7	-2226.7	5056	8.3	191102.4	-2227.3
4787	9.5	182624.6	-2256.7	4877	9.5	184139.6	-2210.1	4967	9.5	185632.1	-2231.0	5057	10.	191108.6	-2210.5
4788	8.4	182624.7	-2205.4	4878	8.9	184150.8	-2258.9	4968	9.2	185635.8	-2203.6	5058	9.6	191125.0	-2218.9
4789	9.4	182631.1	-2221.5	4879	9.7	184153.5	-2225.7	4969	9.5	185654.1	-2234.6	5059	9.7	191130.8	-2223.8
4790	8.0	182637.1	-2211.8	4880	8.5	184157.0	-2225.7	4970	9.5	185710.6	-2229.8	5060	8.7	191146.8	-2207.8
4791	9.8	182641.8	-2225.7	4881	6.9	184206.6	-2219.3	4971	10.	185721.3	-2207.7	5061	9.5	191147.4	-2244.5
4792	9.0	182642.3	-2230.6	4882	9.2	184212.4	-2244.8	4972	8.5	185737.0	-2249.1	5062	9.5	191155.0	-2201.7
4793	9.3	182643.0	-2242.5	4883	9.5	184214.9	-2247.2	4973	9.5	185742.2	-2223.4	5063	6.4	191156.7	-2240.0
4794	10.	182652.8	-2216.5	4884	9.5	184225.6	-2206.7	4974	9.8	185746.4	-2259.7	5064	9.5	191209.2	-2256.3
4795	9.8	182656.2	-2248.5	4885	9.5	184236.7	-2217.7	4975	9.1	185753.2	-2218.2	5065	8.4	191216.1	-2204.0
4796	9.8	182701.3	-2206.0	4886	8.3	184236.9	-2210.9	4976	9.4	185806.0	-2246.4	5066	9.2	191221.6	-2220.8
4797	9.1	182702.4	-2250.2	4887	8.5	184240.5	-2229.6	4977	7.9	185815.5	-2242.8	5067	9.7	191223.3	-2223.6
4798	9.5	182717.0	-2201.5	4888	10.	184250.9	-2226.6	4978	9.7	185820.3	-2234.6	5068	9.5	191234.3	-2203.6
4799	9.8	182727.5	-2205.3	4889	9.3	184251.4	-2200.1	4979	10.	185822.8	-2208.4	5069	10.	191242.0	-2245.1
4800	8.9	182730.9	-2258.7	4890	9.0	184259.7	-2201.6	4980	9.1	185830.0	-2257.4	5070	9.4	191243.2	-2253.2
4801	9.4	182731.3	-2214.1	4891	9.6	184324.4	-2235.6	4981	9.4	185832.1	-2239.1	5071	9.4	191329.1	-2221.4
4802	10.	182747.4	-2256.7	4892	6.8	184325.5	-2204.8	4982	9.3	185842.0	-2243.1	5072	9.5	191332.1	-2249.1
4803	10.	182803.6	-2205.2	4893	9.4	184328.1	-2222.2	4983	9.5	185851.1	-2228.1	5073	8.7	191335.3	-2220.5
4804	9.4	182842.5	-2209.0	4894	9.8	184339.6	-2234.3	4984	9.6	185912.0	-2245.1	5074	9.8	191336.4	-2212.1
4805	9.3	182852.1	-2214.1	4895	9.7	184347.6	-2220.5	4985	9.1	185916.1	-2235.4	5075	9.4	191338.1	-2242.2
4806	9.6	182858.0	-2251.0	4896	9.5	184349.5	-2244.4	4986	8.7	185930.0	-2200.6	5076	9.2	191343.4	-2251.3
4807	9.6	182902.1	-2247.5	4897	8.0	184355.5	-2228.5	4987	10.	185930.8	-2215.8	5077	9.6	191348.0	-2217.4
4808	8.5	182907.9	-2233.6	4898	8.7	184401.5	-2233.7	4988	9.8	185940.9	-2253.2	5078	9.4	191401.2	-2208.8
4809	9.5	182911.4	-2212.8	4899	9.7	184409.5	-2233.3	4989	10.	190005.6	-2241.1	5079	9.5	191404.2	-2237.7
4810	9.4	182930.3	-2240.3	4900	9.1	184412.5	-2234.8	4990	9.3	190024.7	-2217.3	5080	9.1	191408.2	-2240.2
4811	9.1	182932.1	-2211.4	4901	9.4	184416.5	-2223.8	4991	9.4	190044.6	-2249.1	5081	9.8	191410.4	-2214.5
4812	9.5	182953.3	-2249.9	4902	9.5	184452.5	-2230.3	4992	8.6	190048.7	-2236.0	5082	10.	191446.1	-2255.5
4813	10.	183015.9	-2220.8	4903	9.5	184516.9	-2253.5	4993	9.9	190059.8	-2220.1	5083	9.4	191447.5	-2225.9
4814	9.0	183024.8	-2225.9	4904	9.5	184517.7	-2233.9	4994	9.6	190136.6	-2239.6	5084	9.6	191459.3	-2234.1
4815	9.3	183031.3	-2245.7	4905	9.3	184519.6	-2201.1	4995	9.5	190140.2	-2225.0	5085	10.	191500.3	-2213.3
4816	9.5	183034.4	-2229.1	4906	8.5	184524.4	-2244.6	4996	9.6	190142.4	-2202.6	5086	9.6	191501.9	-2201.6
4817	8.0	183047.2	-2205.4	4907	6.0	184525.3	-2254.9	4997	9.8	190149.7	-2224.3	5087	9.5	191511.4	-2204.9
4818	9.7	183103.1	-2233.5	4908	8.5	184530.6	-2251.5	4998	8.8	190217.1	-2247.6	5088	9.6	191516.0	-2209.3
4819	9.8	183105.1	-2202.8	4909	10.	184530.8	-2251.2	4999	9.6	190225.2	-2242.9	5089	8.8	191520.2	-2201.6
4820	8.7	183125.8	-2247.3	4910	9.5	184545.6	-2209.3	5000	9.2	190228.0	-2208.0	5090	8.8	191535.9	-2251.2
4821	10.	183131.0	-2239.9	4911	9.8	184549.1	-2253.7	5001	9.1	190242.2	-2250.4	5091	8.7	191542.8	-2254.4
4822	9.4	183154.6	-2225.0	4912	9.3	184550.5	-2227.0	5002	9.5	190248.8	-2217.4	5092	8.8	191553.7	-2258.8
4823	9.5	183154.9	-2203.7	4913	10.	184556.6	-2226.9	5003	9.5	190249.5	-2214.0	5093	9.0	191554.0	-2252.4
4824	9.5	183156.3	-2216.4	4914	9.0	184611.5	-2207.6	5004	9.8	190310.8	-2220.2	5094	8.2	191556.4	-2251.2
4825	9.5	183200.8	-2200.3	4915	6.2	184619.9	-2250.8	5005	9.5	190311.8	-2210.1	5095	9.0	191557.5	-2236.9
4826	9.0	183212.9	-2225.7	4916	9.8	184639.5	-2242.3	5006	9.5	190321.0	-2202.9	5096	9.5	191620.7	-2209.9
4827	9.7	183249.4	-2226.0	4917	9.2	184649.0	-2226.8	5007	8.0	190323.3	-2209.6	5097	9.3	191649.0	-2245.9
4828	9.8	183255.4	-2219.4	4918	9.7	184659.7	-2215.7	5008	9.5	190327.6	-2232.1	5098	8.9	191654.5	-2247.5
4829	10.	183259.7	-2205.3	4919	9.3	184711.8	-2212.4	5009	9.6	190348.7	-2247.8	5099	9.0	191656.0	-2236.9
4830	9.3	183330.0	-2225.0	4920	9.4	184743.1	-2211.1	5010	10.	190354.8	-2206.2	5100	7.7	191702.1	-2243.6
4831	9.0	183340.5	-2207.7	4921	9.5	184755.6	-2217.3	5011	8.6	190355.4	-2225.5	5101	9.0	191717.8	-2234.9
4832	9.1	183344.9	-2228.5	4922	10.	184757.7	-2220.6	5012	9.6	190414.9	-2214.1	5102	9.4	191718.4	-2219.2
4833	8.6	183354.8	-2217.9	4923	9.6	184810.6	-2217.0	5013	10.	190438.1	-2206.4	5103	8.7	191738.4	-2213.1
4834	9.3	183434.2	-2213.3	4924	9.5	184821.0	-2228.9	5014	8.2	190455.7	-2248.6	5104	10.	191739.5	-2245.2
4835	7.3	183434.9	-2232.6	4925	9.5	184840.4	-2203.8	5015	9.0	190456.1	-2237.4	5105	6.0	191740.5	-2203.1
4836	9.6	183453.8	-2242.1	4926	9.8	184847.1	-2201.8	5016	9.8	190459.4	-2208.3	5106	9.3	191748.6	-2234.4
4837	7.8	183457.9	-2248.3	4927	9.4	184857.5	-2228.7	5017	9.1	190503.9	-2210.3	5107	9.3	191803.2	-2221.6
4838	9.0	183514.6	-2245.6	4928	7.0	184940.9	-2243.2	5018	9.1	190509.8	-2244.8	5108	9.7	191806.1	-2236.5
4839	10.	183522.7	-2209.0	4929	8.8	184944.8	-2209.7	5019	8.8	190510.9	-2210.9	5109	9.7	191817.3	-2240.9
4840	9.8	183536.5	-2213.9	4930	9.0	184946.3	-2251.2	5020	9.7	190520.3	-2259.3	5110	9.8	191827.3	-2228.7
4841	9.8	183537.0	-2223.1	4931	9.0	184959.0	-2259.8	5021	7.3	190527.0	-2217.8	5111	8.5	191840.7	-2254.5
4842	9.5	183552.8	-2257.4	4932	9.2	184959.2	-2209.7	5022	9.3	190533.4	-2211.1	5112	9.5	191843.3	-2216.4

5113	9.8	191900.4	-2218.9	5203	8.9	193459.7	-2215.9	5293	9.5	195035.6	-2208.9
5114	9.5	191902.0	-2226.0	5204	9.7	193500.6	-2203.2	5294	8.0	195037.8	-2218.5
5115	10.	191908.3	-2222.0	5205	9.1	193507.5	-2247.5	5295	9.5	195046.3	-2248.5
5116	9.8	191910.4	-2219.8	5206	9.4	193528.0	-2204.0	5296	6.5	195058.2	-2235.9
5117	9.4	191914.4	-2210.0	5207	9.1	193534.3	-2235.0	5297	9.5	195103.6	-2227.4
5118	9.0	191928.1	-2226.5	5208	9.5	193536.0	-2202.2	5298	9.7	195115.0	-2238.7
5119	8.8	191937.9	-2233.3	5209	9.8	193546.1	-2228.7	5299	9.2	195125.1	-2228.6
5120	9.1	192002.4	-2257.4	5210	10.	193551.7	-2236.4	5300	8.7	195129.8	-2209.5
5121	9.5	192059.6	-2226.5	5211	8.3	193602.9	-2253.4	5301	9.1	195208.1	-2253.8
5122	9.3	192110.2	-2208.7	5212	9.5	193608.9	-2209.8	5302	9.5	195229.9	-2252.6
5123	9.8	192126.8	-2209.9	5213	9.5	193618.2	-2241.3	5303	10.	195237.3	-2200.8
5124	8.9	192130.4	-2216.5	5214	9.6	193627.4	-2255.2	5304	9.5	195246.2	-2205.8
5125	9.5	192132.5	-2232.8	5215	9.0	193630.1	-2243.2	5305	9.5	195302.0	-2200.7
5126	9.8	192136.2	-2239.2	5216	9.5	193644.0	-2227.2	5306	8.0	195303.8	-2230.1
5127	8.8	192139.8	-2243.0	5217	9.5	193648.5	-2254.1	5307	9.5	195311.8	-2240.6
5128	9.3	192143.5	-2218.5	5218	9.6	193649.6	-2220.9	5308	9.5	195312.6	-2228.3
5129	10.	192219.5	-2207.8	5219	9.5	193658.6	-2252.5	5309	9.3	195316.5	-2221.0
5130	10.	192222.5	-2214.0	5220	9.8	193700.0	-2224.5	5310	10.	195323.0	-2238.2
5131	9.3	192241.7	-2200.4	5221	9.0	193702.2	-2250.7	5311	9.5	195334.7	-2231.3
5132	9.5	192244.6	-2202.8	5222	10.	193714.9	-2204.6	5312	9.3	195340.3	-2232.5
5133	9.4	192246.9	-2206.1	5223	8.9	193718.0	-2225.2	5313	10.	195421.3	-2229.7
5134	9.8	192300.3	-2203.3	5224	10.	193738.2	-2231.0	5314	9.6	195423.5	-2213.5
5135	9.6	192310.7	-2201.6	5225	9.6	193746.3	-2207.0	5315	9.5	195433.3	-2230.5
5136	10.	192336.6	-2207.4	5226	9.6	193759.8	-2216.2	5316	9.5	195443.6	-2240.0
5137	9.5	192352.1	-2229.5	5227	9.5	193814.1	-2242.2	5317	10.	195443.7	-2216.8
5138	9.5	192358.6	-2230.2	5228	9.8	193819.6	-2244.0	5318	6.8	195508.2	-2259.7
5139	9.5	192404.6	-2229.8	5229	10.	193820.7	-2234.6	5319	9.0	195515.9	-2251.7
5140	10.	192404.9	-2224.6	5230	9.5	193826.5	-2206.4	5320	9.0	195531.0	-2222.9
5141	9.8	192410.4	-2229.7	5231	8.0	193852.6	-2210.8	5321	9.3	195539.6	-2212.3
5142	8.7	192417.1	-2218.4	5232	9.8	193906.7	-2241.4	5322	8.0	195552.3	-2235.6
5143	9.8	192429.4	-2224.1	5233	10.	193917.8	-2227.5	5323	9.4	195555.2	-2220.0
5144	9.5	192432.0	-2230.2	5234	9.4	193919.7	-2206.5	5324	9.1	195557.6	-2232.9
5145	9.5	192444.5	-2244.8	5235	9.3	193923.5	-2231.8	5325	9.1	195604.8	-2200.1
5146	9.1	192448.8	-2240.1	5236	9.4	193924.6	-2256.4	5326	9.7	195615.2	-2229.0
5147	9.8	192450.5	-2215.9	5237	9.3	193930.7	-2221.2	5327	9.7	195616.1	-2247.3
5148	9.8	192508.5	-2211.5	5238	9.5	193939.6	-2255.9	5328	8.8	195617.5	-2219.5
5149	9.4	192509.7	-2203.8	5239	9.0	193951.7	-2222.8	5329	9.4	195703.0	-2251.2
5150	9.7	192514.6	-2215.6	5240	9.8	193958.0	-2229.8	5330	9.5	195706.9	-2229.1
5151	9.8	192517.0	-2219.1	5241	9.8	194012.8	-2220.0	5331	20.0	195731.8	-2220.1
5152	9.5	192520.9	-2236.7	5242	9.5	194016.2	-2243.2	5332	9.4	195739.1	-2241.0
5153	9.5	192527.2	-2257.8	5243	9.6	194020.9	-2258.8	5333	9.5	195740.2	-2223.1
5154	8.8	192528.7	-2225.1	5244	9.8	194039.0	-2232.5	5334	9.9	195800.4	-2201.0
5155	9.5	192534.5	-2214.8	5245	9.8	194040.8	-2224.9	5335	7.6	195801.7	-2204.9
5156	8.3	192606.3	-2218.7	5246	9.5	194103.2	-2212.1	5336	9.3	195819.5	-2226.2
5157	9.8	192616.4	-2241.0	5247	9.1	194137.9	-2235.4	5337	9.5	195821.1	-2244.5
5158	9.9	192623.5	-2229.4	5248	9.7	194159.5	-2215.6	5338	9.8	195845.5	-2222.8
5159	9.8	192656.8	-2201.3	5249	9.5	194203.1	-2250.0	5339	9.3	195849.0	-2227.3
5160	8.3	192702.2	-2229.0	5250	9.6	194224.5	-2201.4	5340	9.4	195857.0	-2222.8
5161	9.8	192702.6	-2214.7	5251	9.8	194228.0	-2229.0	5341	9.5	195903.2	-2247.4
5162	9.3	192710.2	-2251.8	5252	9.8	194232.2	-2247.5	5342	9.8	200009.8	-2246.5
5163	9.1	192722.8	-2249.6	5253	9.5	194233.5	-2216.4	5343	9.5	200015.5	-2243.3
5164	10.	192728.4	-2237.5	5254	9.0	194253.2	-2245.1	5344	9.5	200037.3	-2224.6
5165	9.4	192746.2	-2240.4	5255	9.4	194254.6	-2233.9	5345	9.3	200044.0	-2233.1
5166	9.0	192810.6	-2235.2	5256	10.	194256.7	-2254.0	5346	8.9	200111.4	-2234.0
5167	7.8	192816.2	-2213.0	5257	9.4	194304.6	-2230.6	5347	9.8	200137.2	-2244.7
5168	8.5	192840.1	-2234.4	5258	9.6	194315.2	-2205.8	5348	9.0	200139.0	-2238.9
5169	8.2	192847.9	-2216.1	5259	9.3	194344.0	-2234.8	5349	9.5	200202.2	-2220.0
5170	9.4	192851.1	-2203.1	5260	9.5	194344.4	-2242.4	5350	9.8	200206.9	-2238.1
5171	9.4	192901.7	-2204.2	5261	9.8	194356.7	-2253.1	5351	9.8	200212.1	-2207.7
5172	9.8	192921.6	-2206.4	5262	9.4	194359.3	-2241.6	5352	9.4	200227.3	-2216.4
5173	10.	192924.5	-2225.0	5263	8.9	194403.0	-2234.8	5353	9.4	200240.5	-2234.5
5174	9.5	192936.0	-2235.8	5264	9.4	194404.7	-2251.6	5354	8.0	200252.2	-2222.5
5175	9.5	192937.4	-2232.7	5265	9.6	194412.1	-2252.5	5355	9.3	200303.9	-2258.0
5176	9.4	192945.0	-2256.0	5266	9.3	194416.3	-2242.0	5356	9.5	200306.3	-2241.4
5177	9.4	192949.6	-2236.7	5267	9.5	194503.8	-2248.7	5357	9.8	200308.9	-2236.0
5178	9.5	193029.5	-2241.8	5268	9.6	194505.0	-2208.4	5358	10.	200324.5	-2204.5
5179	9.0	193034.2	-2254.7	5269	8.9	194524.7	-2251.2	5359	9.8	200330.3	-2249.7
5180	9.8	193040.4	-2256.8	5270	10.	194538.2	-2224.0	5360	9.8	200339.1	-2229.8
5181	9.3	193041.2	-2247.3	5271	9.1	194558.8	-2207.0	5361	9.3	200341.4	-2240.0
5182	9.7	193116.4	-2212.2	5272	10.	194621.1	-2206.8	5362	9.0	200404.4	-2253.0
5183	7.3	193117.1	-2223.0	5273	9.8	194628.9	-2218.1	5363	9.8	200418.7	-2250.5
5184	9.2	193121.3	-2255.0	5274	9.2	194638.1	-2230.4	5364	9.1	200438.9	-2202.4
5185	9.8	193128.0	-2256.4	5275	9.4	194642.8	-2207.4	5365	9.8	200441.5	-2217.0
5186	10.	193133.3	-2246.5	5276	9.3	194648.0	-2237.3	5366	8.5	200443.8	-2229.3
5187	10.	193133.3	-2247.4	5277	9.3	194649.0	-2231.1	5367	9.2	200454.0	-2233.9
5188	10.	193206.6	-2230.5	5278	9.8	194705.1	-2214.8	5368	9.5	200518.9	-2239.7
5189	9.4	193214.2	-2256.4	5279	9.1	194716.9	-2220.6	5369	9.4	200531.4	-2250.0
5190	9.8	193216.6	-2235.0	5280	9.7	194717.0	-2247.9	5370	9.5	200536.8	-2248.6
5191	9.0	193223.5	-2245.2	5281	9.7	194742.3	-2201.0	5371	9.4	200541.9	-2240.0
5192	9.8	193238.5	-2249.3	5282	9.0	194804.4	-2245.2	5372	7.5	200545.6	-2228.4
5193	9.5	193303.6	-2228.4	5283	9.1	194805.8	-2223.3	5373	30.0	200557.0	-2224.9
5194	9.4	193303.8	-2219.4	5284	9.8	194836.9	-2238.6	5374	9.4	200602.1	-2228.9
5195	9.5	193314.5	-2247.4	5285	9.4	194930.5	-2230.3	5375	9.3	200636.8	-2216.4
5196	9.5	193318.4	-2249.2	5286	9.1	194939.4	-2243.7	5376	9.8	200653.4	-2235.5
5197	9.0	193322.5	-2242.8	5287	9.8	194947.0	-2201.5	5377	9.5	200703.5	-2233.6
5198	9.5	193410.6	-2239.0	5288	9.2	194948.5	-2259.0	5378	10.	200744.8	-2252.0
5199	9.5	193425.0	-2219.7	5289	8.0	194958.2	-2238.3	5379	9.1	200747.0	-2214.7
5200	9.5	193433.8	-2259.6	5290	9.5	195001.3	-2204.8	5380	10.	200803.6	-2247.3
5201	9.1	193442.9	-2233.2	5291	8.8	195027.0	-2239.3	5381	8.8	200803.6	-2254.7
5202	10.	193444.8	-2212.6	5292	9.3	195032.1	-2237.3	5382	10.	200831.9	-2243.6
5383	10.	200848.7	-2207.9								
5384	6.0	200930.5	-2215.0								
5385	7.8	200933.8	-2226.4								
5386	9.8	201036.9	-2238.2								
5387	9.1	201037.3	-2205.8								
5388	10.	201039.7	-2201.0								
5389	8.5	201039.8	-2234.9								
5390	8.8	201109.0	-2220.1								
5391	10.	201124.8	-2242.7								
5392	9.1	201128.1	-2201.6								
5393	9.2	201129.9	-2234.7								
5394	9.8	201132.6	-2223.0								
5395	9.6	201209.2	-2211.2								
5396	9.1	201209.8	-2216.4								
5397	10.	201212.0	-2207.1								
5398	9.5	201223.1	-2229.4								
5399	9.4	201224.1	-2237.9								
5400	9.5	201245.1	-2216.4								
5401	9.9	201255.8	-2259.5								
5402	9.3	201312.6	-2227.2								
5403	9.5	201314.5	-2203.9								
5404	9.0	201317.7	-2202.4								
5405	9.4	201322.1	-2203.0								
5406	7.3	201335.2	-2224.7								
5407	9.4	201343.2	-2231.5								
5408	9.8	201343.4	-2248.2								
5409	10.	201356.0	-2241.1								
5410	10.	201356.8	-2259.4								
5411	8.2	201405.6	-2248.2								
5412	9.5	201425.2	-2216.4								
5413	9.5	201439.8	-2202.3								
5414	9.3	201441.0	-2235.2								
5415	9.8	201446.8	-2242.8								
5416	9.4	201515.6	-2249.8								
5417	9.4	201537.0	-2218.4								
5418	9.5	201550.5	-2246.7								
5419	8.1	201550.6	-2230.4								
5420	9.6	201555.6	-2217.3								
5421	9.3	201616.3	-2215.8								
5422	9.3	201640.6	-2254.9								
5423	9.5	201651.4	-2222.3								
5424	9.8	201656.9	-2212.9								
5425	8.6	201705.1	-2207.3								
5426	8.8	201706.0	-2215.2								
5427	9.7	201711.9	-2202.5								
5428	9.8	201734.8	-2207.3								
5429	8.5	201755.2	-2255.3								
5430	9.3	201801.3	-2223.5								
5431	9.8	201805.2	-2234.9								
5432	9.5	201815.0	-2241.4								
5433	8.3	201845.3	-2226.9								
5434	9.1	201912.7	-2229.8								
5435	8.0	201935.2	-2229.8								
5436	9.6	202000.9	-2203.7								
5437	9.3	202018.9	-2246.6								
5438	9.5	202019.8	-2229.4								
5439	9.1	202023.9	-2248.6								
5440	9.7	202043.5	-2223.1								
5441	9.9	202046.0	-2223.5								
5442	6.2	202100.6	-2252.2								
5443	9.1	202102.5	-2255.9								
5444	9.5	202110.1	-2248.9								
5445	9.5	202113.6	-2221.8								
5446	9.3	202134.8	-2218.5								
5447	8.8	202136.5	-2259.6								
5448	9.7	202148.1	-2209.6								
5449	9.4	202159.1	-2208.0								
5450	9.4	202217.2	-2258.0								
5451	9.0	202224.5	-2251.1								
5452	9.3	202225.1	-2236.0								
5453	9.3	202229.2	-2231.8								
5454	9.5	202240.3	-2255.1								
5455	8.7	202307.7	-2259.1								
5456	9.2	202318.8	-2231.0								
5457	8.5	202343.4	-2238.3								
5458	8.8	202346.1	-2238.9								
5459	9.7	202356.4	-2215.4								
5460	10.	202411.9	-2242.6								
5461	9.6	202428.6	-2238.6								
5462	9.5	202432.6	-2241.5								
5463	10.	202455.1	-2200.1								
5464	7.7	202502.1	-2243.2								
5465	10.	202542.7	-2204.0								
5466	9.7	202544.4	-2255.2								
5467	9.5	202545.6	-2232.6								
5468	9.7	202549.1	-2217.1								
5469	9.2	202554.4	-2241.1								
5470	9.8	202616.4	-2229.0								
5471	9.6	202628.3	-2218.6								
5472	9.8	202632.7	-2233.8								

-22 5473 20h26m

-22 5832 21h58m

5473	10.	202640.6	-2234.2	5563	9.0	204615.4	-2222.9	5653	9.5	210941.9	-2234.5
5474	9.5	202648.4	-2208.9	5564	8.5	204626.5	-2238.7	5654	9.0	210942.1	-2238.9
5475	9.3	202649.0	-2218.9	5565	9.1	204633.7	-2251.8	5655	10.	211005.0	-2258.0
5476	9.7	202658.2	-2236.2	5566	10.	204642.7	-2217.4	5656	9.6	211021.8	-2242.9
5477	9.6	202713.7	-2216.4	5567	8.3	204654.0	-2240.5	5657	9.8	211025.2	-2209.1
5478	9.8	202721.1	-2230.2	5568	9.5	204654.9	-2235.0	5658	8.3	211034.4	-2238.3
5479	9.4	202733.2	-2235.4	5569	9.2	204741.8	-2227.8	5659	9.4	211037.3	-2242.0
5480	9.4	202733.9	-2203.0	5570	9.0	204745.6	-2239.0	5660	10.	211043.6	-2253.1
5481	9.3	202737.1	-2233.4	5571	9.1	204817.9	-2225.3	5661	9.4	211112.6	-2252.3
5482	9.2	202738.1	-2208.3	5572	7.5	204828.3	-2233.1	5662	8.7	211127.5	-2232.2
5483	9.7	202907.2	-2211.6	5573	9.0	204855.1	-2210.9	5663	9.4	211134.0	-2258.0
5484	7.8	202914.4	-2256.6	5574	9.5	204909.3	-2229.0	5664	9.8	211135.8	-2210.9
5485	9.4	202929.3	-2214.9	5575	10.	204911.5	-2203.6	5665	9.6	211142.5	-2201.7
5486	9.5	202937.8	-2235.0	5576	8.3	204924.5	-2206.7	5666	9.3	211146.7	-2202.0
5487	9.3	202940.9	-2203.9	5577	9.8	204940.3	-2232.8	5667	9.3	211220.9	-2211.4
5488	9.5	202958.8	-2237.9	5578	9.3	204944.7	-2240.9	5668	8.2	211227.4	-2259.8
5489	9.9	203017.0	-2215.4	5579	9.9	204953.7	-2209.5	5669	9.0	211245.4	-2203.8
5490	9.1	203019.6	-2249.5	5580	9.8	205007.6	-2217.4	5670	9.8	211302.7	-2252.2
5491	9.8	203031.0	-2224.6	5581	10.	205023.9	-2209.5	5671	9.8	211324.7	-2204.4
5492	9.5	203045.4	-2236.8	5582	9.6	205058.8	-2238.0	5672	9.1	211339.7	-2208.5
5493	9.5	203124.7	-2223.0	5583	8.7	205135.6	-2210.0	5673	9.5	211356.0	-2239.4
5494	9.6	203149.5	-2207.0	5584	8.8	205148.5	-2253.4	5674	9.4	211413.1	-2232.7
5495	9.2	203151.4	-2204.8	5585	9.8	205234.5	-2200.5	5675	10.	211421.6	-2246.5
5496	9.3	203200.1	-2213.4	5586	9.0	205254.3	-2200.5	5676	9.7	211444.4	-2208.6
5497	10.	203205.2	-2202.8	5587	10.	205302.4	-2259.8	5677	9.1	211444.9	-2244.0
5498	9.0	203205.2	-2207.8	5588	9.5	205322.2	-2248.2	5678	9.2	211557.1	-2240.3
5499	10.	203212.0	-2222.4	5589	9.7	205340.1	-2214.7	5679	9.0	211604.8	-2228.7
5500	9.8	203236.0	-2226.0	5590	9.8	205345.0	-2244.5	5680	9.6	211608.0	-2222.3
5501	9.8	203253.5	-2237.8	5591	9.0	205412.9	-2253.1	5681	9.2	211641.4	-2216.2
5502	9.2	203259.0	-2221.3	5592	8.2	205440.3	-2232.1	5682	9.0	211706.7	-2239.5
5503	9.9	203303.1	-2206.2	5593	9.8	205454.6	-2202.0	5683	8.3	211726.4	-2216.8
5504	9.2	203308.9	-2249.0	5594	10.	205457.6	-2212.4	5684	8.8	211727.3	-2208.0
5505	9.3	203334.9	-2259.1	5595	8.4	205503.3	-2206.3	5685	8.3	211759.0	-2226.8
5506	9.1	203335.1	-2248.5	5596	9.4	205519.6	-2244.3	5686	9.1	211800.4	-2230.9
5507	9.5	203415.2	-2214.0	5597	9.4	205528.5	-2252.6	5687	9.7	211802.5	-2226.4
5508	8.8	203440.8	-2228.6	5598	9.7	205531.2	-2217.2	5688	9.7	211805.8	-2209.8
5509	9.9	203445.9	-2209.7	5599	9.7	205555.1	-2245.0	5689	10.	211834.1	-2212.8
5510	8.9	203454.9	-2249.2	5600	9.3	205602.0	-2244.6	5690	9.4	211843.3	-2245.8
5511	7.5	203459.3	-2257.9	5601	9.1	205640.5	-2219.5	5691	8.2	211957.4	-2220.6
5512	10.	203513.5	-2205.8	5602	9.5	205654.6	-2209.3	5692	5.7	212027.1	-2226.1
5513	9.4	203521.7	-2200.9	5603	9.4	205703.5	-2248.4	5693	9.0	212029.5	-2233.5
5514	9.1	203529.0	-2246.5	5604	9.7	205736.0	-2252.2	5694	9.3	212039.4	-2216.6
5515	9.8	203603.5	-2245.0	5605	9.5	205803.6	-2251.9	5695	9.4	212047.8	-2249.5
5516	8.9	203608.0	-2207.4	5606	9.1	205816.9	-2234.8	5696	8.5	212052.9	-2235.3
5517	9.5	203652.8	-2216.3	5607	9.6	205847.5	-2221.8	5697	8.9	212129.4	-2238.7
5518	9.2	203655.1	-2246.8	5608	9.8	205901.9	-2237.5	5698	9.5	212215.9	-2240.9
5519	9.8	203709.9	-2221.6	5609	9.1	205906.5	-2233.5	5699	9.8	212218.8	-2218.6
5520	9.2	203711.7	-2252.1	5610	9.4	205910.1	-2228.1	5700	9.4	212228.6	-2256.7
5521	9.4	203721.8	-2210.1	5611	9.3	205918.1	-2205.7	5701	9.4	212241.9	-2212.1
5522	8.0	203743.7	-2215.6	5612	7.8	205934.1	-2254.8	5702	9.3	212302.0	-2259.7
5523	5.9	203745.3	-2201.9	5613	9.1	205934.3	-2215.3	5703	9.5	212315.1	-2230.4
5524	9.7	203757.0	-2258.5	5614	7.8	210016.2	-2215.4	5704	9.3	212317.0	-2234.6
5525	9.1	203758.6	-2216.8	5615	9.2	210029.6	-2232.0	5705	7.8	212317.7	-2238.6
5526	8.0	203803.2	-2241.1	5616	9.5	210103.0	-2216.2	5706	9.4	212335.7	-2203.2
5527	9.2	203805.9	-2212.6	5617	9.4	210108.7	-2249.6	5707	9.5	212401.4	-2239.6
5528	9.4	203810.9	-2257.4	5618	10.	210123.6	-2204.3	5708	9.8	212408.8	-2200.7
5529	9.3	203821.0	-2245.0	5619	9.5	210143.5	-2209.8	5709	8.3	212425.3	-2224.9
5530	9.1	203821.8	-2246.4	5620	9.8	210156.1	-2238.0	5710	9.3	212439.7	-2231.4
5531	9.2	203828.4	-2226.0	5621	9.5	210238.5	-2216.0	5711	9.4	212511.7	-2230.4
5532	9.0	203848.4	-2228.2	5622	9.9	210321.2	-2257.9	5712	9.2	212519.2	-2254.4
5533	9.0	203902.5	-2216.4	5623	9.0	210348.8	-2229.1	5713	9.0	212523.6	-2217.9
5534	9.6	203903.1	-2212.6	5624	9.4	210350.7	-2239.8	5714	8.5	212525.5	-2236.5
5535	9.9	203920.3	-2239.0	5625	9.4	210412.0	-2208.3	5715	9.5	212526.7	-2233.2
5536	9.3	203934.3	-2241.9	5626	9.3	210416.3	-2222.0	5716	9.4	212555.7	-2254.5
5537	10.	203948.6	-2209.8	5627	9.7	210440.6	-2213.2	5717	9.9	212606.8	-2257.6
5538	8.9	204002.8	-2236.1	5628	9.0	210525.1	-2241.2	5718	9.5	212629.4	-2226.2
5539	10.	204019.0	-2220.0	5629	8.8	210533.7	-2239.0	5719	9.7	212652.4	-2208.8
5540	9.5	204028.7	-2256.5	5630	7.0	210541.4	-2248.1	5720	9.0	212659.1	-2242.0
5541	9.5	204029.4	-2222.7	5631	9.3	210557.4	-2202.0	5721	10.	212717.7	-2246.7
5542	8.8	204042.8	-2209.7	5632	10.	210605.6	-2248.1	5722	9.5	212735.5	-2224.5
5543	9.6	204045.3	-2221.1	5633	9.5	210629.4	-2201.4	5723	10.	212740.3	-2212.5
5544	8.5	204125.2	-2225.7	5634	9.0	210632.5	-2224.8	5724	9.2	212822.7	-2256.8
5545	9.7	204143.3	-2203.6	5635	7.7	210644.5	-2224.6	5725	9.0	212828.9	-2228.6
5546	9.4	204220.6	-2206.3	5636	10.	210645.5	-2227.2	5726	7.8	212831.3	-2208.7
5547	9.0	204239.2	-2209.6	5637	9.9	210715.0	-2226.2	5727	9.3	212839.6	-2204.7
5548	9.3	204247.4	-2231.9	5638	8.0	210735.2	-2202.0	5728	10.	212906.8	-2253.6
5549	9.3	204247.9	-2213.2	5639	8.9	210753.1	-2246.4	5729	9.0	212912.9	-2248.3
5550	9.8	204250.5	-2258.3	5640	9.9	210807.1	-2211.2	5730	9.4	212929.7	-2202.8
5551	9.0	204303.1	-2227.7	5641	8.9	210809.9	-2230.6	5731	9.8	212938.5	-2232.5
5552	10.	204343.7	-2228.3	5642	10.	210815.6	-2254.8	5732	9.8	212946.0	-2248.7
5553	9.8	204420.0	-2237.7	5643	9.7	210815.6	-2214.4	5733	9.6	213013.9	-2233.6
5554	10.	204435.8	-2203.9	5644	10.	210824.1	-2256.0	5734	9.3	213040.6	-2209.4
5555	9.8	204438.6	-2234.8	5645	9.2	210845.2	-2223.3	5735*	7.5	213055.5	-2221.7
5556	8.9	204459.3	-2229.9	5646	9.2	210846.6	-2210.8	5736	9.4	213057.8	-2257.3
5557	8.5	204512.1	-2258.1	5647	8.8	210857.3	-2240.8	5737	9.7	213103.2	-2212.1
5558	9.1	204512.8	-2249.4	5648	8.1	210858.7	-2220.3	5738	9.7	213137.7	-2210.8
5559	9.3	204555.2	-2256.2	5649	9.4	210915.6	-2200.1	5739	8.7	213142.6	-2249.0
5560	9.5	204558.7	-2238.6	5650	8.3	210918.1	-2212.1	5740	9.7	213205.3	-2216.3
5561	9.0	204601.8	-2200.2	5651	9.7	210922.0	-2227.3	5741	9.6	213211.6	-2213.5
5562	9.4	204609.1	-2201.7	5652	10.	210924.5	-2228.0	5742	9.0	213239.1	-2249.5
5743	9.5	213252.9	-2259.0								
5744	9.2	213309.0	-2232.3								
5745	7.8	213317.9	-2235.2								
5746	8.0	213321.5	-2218.9								
5747	9.5	213337.9	-2249.5								
5748	9.4	213407.6	-2255.4								
5749	9.0	213412.7	-2225.0								
5750	9.6	213429.2	-2204.1								
5751	9.5	213435.3	-2246.0								
5752	9.6	213516.3	-2248.5								
5753	9.5	213545.4	-2237.7								
5754	9.7	213551.8	-2218.7								
5755	9.5	213639.8	-2227.9								
5756	8.8	213709.6	-2232.2								
5757	9.5	213719.2	-2213.6								
5758	9.7	213723.1	-2222.4								
5759	9.6	213742.4	-2224.9								
5760	9.8	213817.4	-2208.6								
5761	9.8	213817.8	-2214.4								
5762	9.3	213819.3	-2247.7								
5763	9.8	213836.2	-2226.0								
5764	8.7	213856.0	-2219.9								
5765	9.8	213905.9	-2214.1								
5766	9.2	213941.8	-2201.2								
5767	9.5	214014.7	-2216.4								
5768	9.1	214018.0	-2220.5								
5769	9.7	214025.4	-2228.0								
5770	8.7	214032.8	-2247.8								
5771	9.6	214054.3	-2229.6								
5772	8.4	214112.1	-2240.0								
5773	9.8	214112.3	-2251.0								
5774	9.1	214129.4	-2228.8								
5775	9.4	214140.3	-2252.2								
5776	8.8	214214.6	-2253.3								
5777	9.8	214259.4	-2251.0								
5778	9.3	214302.9	-2221.0								
5779	8.3	214313.6	-2225.7								
5780	9.5	214322.3	-2201.5								
5781	9.7	214354.7	-2238.8								
5782	9.7	214408.5	-2241.1								
5783	9.5	214428.6	-2223.7								
5784	9.0	214448.2	-2233.5								
5785	9.1	214527.5	-2237.3								
5786	8.6	214527.6	-2224.1								
5787	9.4	214531.8	-2233.0								
5788	9.5	214552.7	-2222.1								
5789	9.5	214628.8	-2230.6								
5790	9.5	214631.7	-2247.8								
5791	9.5	214650.1	-2216.2								
5792	9.1	214714.4	-2259.7								
5793	9.8	214759.3	-2251.8								
5794	8.5	214821.8	-2207.5								
5795	9.0	214827.8	-2227.0								
5796	9.1	214855.4	-2242.5								
5797	9.4	214908.7	-2256.6								
5798	9.5	214908.7	-2252.8								
5799	9.0	214921.2	-2257.5								
5800	9.6	214927.8	-2208.4								
5801	9.2	214929.1	-2205.7								
5802	9.5	214948.0	-2259.1								
5803	9.5	214955.9	-2202.5								
5804	9.9	215011.3	-2205.2								
5805	9.4	215016.9	-2210.5								
5806	9.6	215025.4	-2229.3								
5807	9.1	215049.0	-2218.7								
5808	9.2	215117.5	-2248.1								
5809	9.1	215139.0	-2224.6								
5810	9.8	215201.6	-2215.7								
5811	9.8	215205.3	-2233.6								
5812	10.	215306.0	-2222.4								
5813	9.8	215315.5	-2221.7								
5814	9.5	215337.6	-2207.7								
5815	9.2	215342.9	-2219.6								
5816	8.7	215406.6	-2248.2								
5817	9.7	215419.4	-2200.0								
5818	9.6	215428.5	-2208.1								
5819	10.	215435.4	-2207.7								
5920	9.7	215449.5	-2213.0								
5821	9.9	215453.2	-2259.6								
5822	8.5	215522.1	-2223.8								
5823	9.3	215601.3	-2229.6								
5824	8.0	215605.2	-2228.5								
5825	9.8	215613.3	-2222.0								
5826	9.5	215621.8	-2232.8								
5827	9.0	215645.3	-2259.7								
5828	8.5	215648.8	-2256.5								
5829	9.3	215725.8	-2228.8								
5830	9.4	215754.4	-2220.7								
5831	9.4	215802.9	-2256.5								
5832	9.3	215843.3	-2247.3								

-22 5833 21h59m

5833	6.8	215909.9	-2257.0	5923	9.5	222144.1	-2224.4	6013	9.8	224525.8	-2231.7	6103	9.7	230920.8	-2220.0
5834	9.0	215913.9	-2247.6	5924	9.0	222148.1	-2254.1	6014	9.5	224531.8	-2250.0	6104	10.	230920.9	-2201.7
5835	9.5	215942.2	-2259.0	5925	9.5	222214.0	-2206.4	6015	9.7	224532.5	-2227.4	6105	9.3	231001.3	-2259.0
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5837	10.	220000.0	-2233.1	5927	9.8	222245.6	-2248.6	6017	10.	224607.1	-2247.5	6107	9.7	231033.6	-2209.9
5838	9.0	220037.9	-2223.7	5928	9.3	222257.7	-2239.0	6018	9.1	224608.9	-2242.4	6108	8.3	231108.4	-2255.6
5839	9.5	220046.0	-2258.6	5929	9.8	222343.7	-2213.0	6019	8.8	224616.1	-2206.1	6109	10.	231117.5	-2231.0
5840	10.	220105.4	-2203.1	5930	8.8	222347.2	-2238.1	6020	9.6	224617.4	-2221.2	6110	9.5	231148.9	-2232.5
5841	9.5	220124.1	-2221.1	5931	9.1	222354.1	-2243.2	6021	9.0	224620.9	-2256.7	6111	9.5	231230.4	-2216.4
5842	10.	220141.4	-2253.2	5932	9.4	222400.6	-2248.1	6022	9.2	224642.0	-2209.2	6112	9.5	231247.5	-2229.0
5843	9.5	220201.1	-2247.2	5933	9.2	222407.0	-2220.7	6023	9.4	224645.9	-2206.7	6113	9.8	231313.6	-2252.7
5844	9.5	220204.2	-2207.8	5934	9.6	222433.7	-2205.4	6024	9.5	224734.8	-2248.5	6114	8.7	231518.2	-2219.4
5845	10.	220207.0	-2219.7	5935	9.5	222450.3	-2230.1	6025	9.9	224755.4	-2224.4	6115	9.3	231522.9	-2200.6
5846	9.0	220211.9	-2250.6	5936	9.6	222509.8	-2224.5	6026	9.5	224812.7	-2258.3	6116	8.8	231527.4	-2206.3
5847	9.5	220213.4	-2222.5	5937	9.1	222530.3	-2240.0	6027	10.	224813.0	-2218.4	6117	9.4	231542.6	-2216.1
5848	9.2	220222.1	-2238.0	5938	8.5	222556.8	-2251.2	6028	9.8	224820.0	-2247.6	6118	9.3	231557.1	-2232.5
5849	10.	220315.6	-2248.8	5939	9.3	222602.8	-2233.0	6029	10.	224834.5	-2202.6	6119	6.8	231624.7	-2233.9
5850	8.3	220319.2	-2255.0	5940	9.6	222615.3	-2253.4	6030	9.3	224915.5	-2249.8	6120	8.0	231659.8	-2246.9
5851	9.2	220321.6	-2255.8	5941	9.8	222620.5	-2237.9	6031	9.5	224918.8	-2229.6	6121	8.2	231709.0	-2214.1
5852	9.0	220344.0	-2205.2	5942	9.2	222633.8	-2205.8	6032	9.6	224957.3	-2245.2	6122	9.6	231722.8	-2206.3
5853	10.	220358.7	-2201.6	5943	9.9	222636.3	-2237.7	6033	10.	224957.5	-2200.4	6123	9.5	231723.3	-2250.1
5854	9.0	220444.3	-2212.7	5944	8.8	222710.9	-2249.8	6034	8.5	225011.2	-2248.0	6124	9.2	231733.2	-2250.4
5855	9.5	220446.5	-2205.2	5945	9.3	222733.7	-2211.6	6035	9.6	225012.6	-2240.7	6125	8.5	231753.8	-2226.9
5856	9.5	220447.7	-2223.7	5946	9.3	222818.2	-2226.4	6036	9.6	225016.1	-2238.6	6126	10.	231817.3	-2231.2
5857	9.5	220448.4	-2221.1	5947	9.0	222820.1	-2225.7	6037	9.4	225023.1	-2244.3	6127	8.8	231835.4	-2213.4
5858	8.9	220451.8	-2211.6	5948	9.5	222827.4	-2250.0	6038	9.5	225040.0	-2221.0	6128	6.5	231856.4	-2231.9
5859	9.3	220503.0	-2201.9	5949	9.5	222827.9	-2245.5	6039	9.2	225058.5	-2217.2	6129	10.	231859.9	-2215.1
5860	8.2	220508.2	-2207.3	5950	10.	222835.5	-2211.3	6040	8.9	225140.7	-2256.1	6130	8.8	231924.3	-2252.3
5861	9.5	220513.3	-2225.4	5951	8.6	222836.0	-2220.0	6041	8.9	225141.6	-2238.9	6131	8.9	231925.8	-2200.8
5862	8.3	220549.8	-2258.4	5952	9.5	222852.1	-2229.8	6042	9.4	225152.1	-2252.3	6132	9.4	231935.4	-2253.8
5863	10.	220603.8	-2239.1	5953	8.9	222855.1	-2216.7	6043	9.0	225234.2	-2224.1	6133	10.	231953.8	-2250.0
5864	8.0	220605.6	-2207.4	5954	9.1	222858.5	-2225.1	6044	9.4	225253.7	-2238.0	6134	9.6	232038.9	-2245.4
5865	9.8	220613.7	-2217.0	5955	9.9	222901.9	-2228.5	6045	8.9	225415.1	-2237.3	6135	8.7	232103.2	-2215.8
5866	9.4	220635.3	-2225.5	5956	8.3	222940.0	-2232.9	6046	10.	225434.8	-2215.0	6136	8.0	232135.0	-2256.8
5867	9.6	220655.3	-2202.2	5957	9.6	222944.0	-2215.9	6047	9.3	225506.0	-2213.4	6137	8.9	232154.9	-2258.5
5868	9.7	220657.9	-2256.7	5958	9.8	223021.1	-2255.3	6048	9.1	225542.2	-2223.6	6138	7.3	232237.1	-2241.2
5869	9.4	220716.6	-2253.2	5959	9.5	223037.0	-2258.0	6049	9.7	225546.8	-2254.0	6139	8.3	232253.6	-2248.3
5870	9.5	220750.4	-2248.9	5960	8.6	223047.2	-2224.2	6050	9.1	225547.0	-2227.8	6140	9.7	232405.2	-2237.7
5871	9.1	220801.1	-2200.9	5961	9.2	223109.7	-2217.7	6051	9.4	225628.8	-2245.7	6141	7.0	232405.5	-2209.8
5872	9.4	220816.2	-2252.9	5962	8.9	223145.6	-2256.8	6052	9.2	225648.4	-2217.6	6142	7.8	232412.7	-2202.9
5873	9.3	220826.9	-2238.2	5963	10.	223203.3	-2243.1	6053	9.2	225654.3	-2200.7	6143	8.2	232432.7	-2236.0
5874	10.	220828.1	-2246.8	5964	10.	223204.2	-2237.8	6054	9.3	225711.9	-2250.6	6144	9.4	232449.2	-2242.9
5875	10.	220836.5	-2248.1	5965	9.5	223223.1	-2205.5	6055	10.	225716.6	-2204.7	6145	9.0	232458.1	-2256.6
5876	9.8	220909.7	-2217.9	5966	9.3	223227.8	-2249.3	6056	9.9	225721.9	-2235.3	6146	8.0	232514.2	-2229.6
5877	9.8	220919.6	-2206.9	5967	9.5	223230.3	-2233.4	6057	9.6	225725.2	-2215.2	6147	9.5	232531.0	-2215.3
5878	9.5	220956.6	-2212.5	5968	9.5	223235.8	-2216.0	6058	9.4	225736.6	-2218.9	6148	9.8	232534.7	-2258.9
5879	8.8	221014.3	-2208.9	5969	9.5	223253.2	-2246.5	6059	9.1	225736.7	-2231.5	6149	9.8	232556.3	-2236.9
5880	9.7	221023.0	-2217.7	5970	9.8	223302.3	-2259.0	6060	9.8	225756.5	-2228.0	6150	9.8	232705.3	-2224.0
5881	9.5	221024.1	-2252.4	5971	10.	223306.6	-2254.5	6061	8.7	225828.4	-2243.4	6151	9.0	232725.4	-2234.7
5882	9.1	221055.6	-2258.0	5972	9.4	223325.2	-2238.5	6062	9.7	225847.2	-2203.7	6152	9.0	232726.8	-2239.6
5883	10.	221117.8	-2212.8	5973	10.	223333.0	-2256.1	6063	9.8	225857.6	-2213.2	6153	9.6	232743.3	-2232.4
5884	9.4	221142.0	-2250.9	5974	9.8	223351.0	-2224.4	6064	8.5	225909.5	-2214.0	6154	8.6	232809.9	-2231.7
5885	9.4	221144.5	-2250.0	5975	9.4	223402.7	-2222.4	6065	9.3	225918.3	-2209.4	6155	8.5	232822.4	-2227.0
5886	9.5	221153.5	-2226.1	5976	9.0	223414.8	-2231.7	6066	9.2	225926.0	-2226.2	6156	9.7	232823.7	-2204.6
5887	8.9	221157.1	-2202.8	5977	9.9	223425.4	-2229.1	6067	9.4	225939.0	-2256.9	6157	9.6	232830.9	-2202.6
5888	8.0	221159.5	-2244.3	5978	10.	223427.5	-2226.1	6068	9.4	225959.2	-2212.1	6158	9.5	232847.8	-2206.6
5889	9.8	221218.1	-2241.4	5979	9.7	223447.5	-2205.4	6069	9.5	230004.3	-2249.7	6159	9.9	232905.0	-2237.5
5890	9.4	221228.2	-2232.7	5980	9.5	223453.2	-2231.1	6070	9.5	230008.8	-2255.8	6160	8.5	232920.4	-2250.7
5891	9.4	221236.7	-2230.9	5981	9.3	223503.8	-2255.0	6071	9.4	230017.0	-2244.3	6161	8.1	232927.5	-2228.6
5892	9.8	221244.6	-2223.0	5982	7.0	223507.7	-2224.8	6072	9.2	230028.4	-2229.1	6162	9.5	232928.4	-2240.0
5893	9.0	221301.6	-2222.3	5983	9.5	223511.5	-2211.5	6073	8.7	230032.1	-2223.1	6163	9.7	232941.5	-2206.1
5894	9.4	221302.3	-2254.1	5984	9.5	223512.4	-2213.3	6074	10.	230054.1	-2234.6	6164	9.5	232954.0	-2244.4
5895	8.8	221309.1	-2221.2	5985	10.	223545.8	-2250.7	6075	9.8	230059.0	-2236.2	6165	9.7	233015.1	-2217.5
5896	9.2	221322.7	-2203.5	5986	9.8	223604.8	-2247.7	6076	9.1	230103.9	-2205.5	6166	9.4	233021.6	-2219.5
5897	5.7	221336.1	-2219.1	5987	9.1	223649.3	-2245.8	6077	9.5	230107.6	-2250.4	6167	9.1	233050.0	-2258.2
5898	9.9	221351.2	-2239.0	5988	9.0	223706.4	-2234.9	6078	9.5	230111.8	-2245.7	6168	8.3	233053.1	-2228.4
5899	9.0	221444.2	-2254.3	5989	9.3	223715.4	-2256.4	6079	9.1	230124.9	-2248.3	6169	9.0	233118.5	-2207.2
5900	10.	221454.5	-2215.1	5990	9.5	223735.3	-2219.4	6080	9.5	230156.3	-2208.6	6170	7.2	233141.6	-2243.4
5901	9.4	221512.2	-2247.5	5991	9.5	223737.4	-2208.7	6081	9.9	230220.6	-2248.5	6171	10.	233203.2	-2225.5
5902	9.8	221542.3	-2202.6	5992	9.6	223803.4	-2247.4	6082	9.5	230313.1	-2216.4	6172	9.2	233205.1	-2233.8
5903	9.0	221554.3	-2238.4	5993	9.0	223804.0	-2258.0	6083	9.0	230313.9	-2223.2	6173	9.6	233232.9	-2253.2
5904	7.5	221616.9	-2219.6	5994	9.6	223819.0	-2209.7	6084	10.	230315.5	-2207.9	6174	9.6	233234.0	-2251.7
5905	8.5	221622.4	-2259.3	5995	10.	223852.5	-2201.8	6085	9.5	230349.5	-2247.6	6175	9.5	233243.7	-2247.6
5906	9.7	221652.8	-2255.9	5996	9.4	223911.5	-2251.9	6086	8.5	230359.3	-2231.4	6176	9.4	233323.5	-2240.0
5907	9.8	221714.8	-2203.3	5997	9.1	223932.5	-2237.0	6087	9.6	230439.0	-2237.0	6177	9.8	233336.7	-2241.0
5908	9.2	221727.4	-2245.9	5998	8.8	223951.1	-2258.4	6088	8.0	230503.1	-2243.5	6178	9.4	233350.2	-2225.4
5909	9.8	221736.9	-2235.8	5999	8.8	223953.6	-2254.8	6089	9.1	230533.3	-2211.0	6179	7.8	233550.8	-2230.8
5910	8.5	221738.5	-2220.0	6000	9.6	223956.0	-2202.9	6090	9.5	230553.1	-2245.4	6180	9.0	233621.3	-2252.1
5911	9.6	221745.4	-2231.8	6001	8.3	224015.0	-2223.5	6091	9.6	230556.0	-2216.9	6181	9.1	233653.3	-2259.7
5912	9.3	221751.2	-2231.6	6002	9.9	224031.1	-2228.4	6092	9.6	230613.3	-2217.7	6182	8.9	233713.9	-2253.7
5913	9.3	221756.3	-2213.9	6003	9.5	224118.8	-2221.3	6093	8.8	230656.2	-2223.1	6183	9.0	233751.8	-2204.2
5914	9.3	221853.1	-2219.5	6004	9.4	224127.6	-2222.7	6094	9.2	230706.6	-2256.3	6184	9.0	233754.9	-2239.6
5915	9.8	221949.0	-2208.1	6005	9.4	224148.8	-2221.7	6095	9.1	230713.6	-2255.1	6185	9.1	233759.4	-2225.2
5916	8.0	221953.5	-2236.5	6006	9.3	224231.4	-2220.9	6096	9.5	230723.7	-2234.4	6186	9.4	233803.4	-2237.3
5917	9.2	222022.5	-2259.6	6007	9.7	224231.9	-2213.7	6097	10.	230752.2	-2230.3	6187	10.	233810.5	-2204.2
5918	10.	222027.9	-2242.8	6008	9.5	224341.4	-2249.2	6098	9.8	230754.2	-2242.4	6188	9.1	233821.5	-2204.7
5919	9.5	222031.0	-2222.2	6009	9.2	224401.7	-2241.5	6099	9.0	230757.4	-2238.1	6189	9.0	233828.4	-2242.0
5920	7.8	222050.0	-2248.6	6010	9.8	224420.3	-2245.7	6100	8.8	230757.8	-2206.6	6190	9.1	233848.5	-2238.7
5921	9.3	222058.1	-2220.9	6011	8.0	224433.3	-2228.3	6101	9.4	230806.8	-2204.8	6191	8.5	233937.9	-2218.6
5922	9.5	222141.0	-2209.2	6012	9.8	224501.4	-2207.3	6102	9.5	230913.8	-2251.5	6192	8.3	233943.3	-2234.7

-22 6192 23h39m

6193	9.3	233958.3	-2219.6	18	6.3	12026.0	-2305.9	108	9.3	65808.8	-2302.1	198	9.4	93535.9	-2300.0
6194	10.	234018.0	-2254.0	19	8.5	12107.0	-2305.6	109	8.9	65926.4	-2300.1	199	9.4	93538.9	-2304.2
6195	9.5	234027.1	-2219.9	20	9.5	12258.6	-2300.6	110	9.5	70041.7	-2300.2	200	9.0	93946.1	-2300.4
6196	9.1	234028.0	-2243.4	21	9.0	12358.2	-2302.5	111	9.8	70315.1	-2301.6	201	9.4	93958.2	-2302.2
6197	9.8	234037.5	-2243.6	22	9.5	12612.2	-2300.2	112	9.0	70437.1	-2300.9	202	9.0	94011.4	-2302.4
6198	9.8	234056.1	-2229.0	23	9.3	12624.3	-2304.2	113	9.3	70558.5	-2302.9	203	9.2	94051.8	-2304.8
6199	6.8	234156.6	-2224.7	24	9.1	13635.8	-2301.0	114	9.4	70628.3	-2303.4	204	9.8	94444.7	-2300.9
6200	9.5	234156.8	-2209.0	25	8.5	14219.2	-2304.0	115	9.7	70628.5	-2301.2	205	8.3	94546.1	-2304.9
6201	9.5	234216.2	-2249.0	26	9.5	14254.7	-2301.2	116	9.5	70839.0	-2300.6	206	7.8	94553.6	-2302.4
6202	9.1	234225.7	-2242.9	27	9.4	14305.2	-2302.4	117	5.0	71030.4	-2303.9	207	9.8	94711.6	-2303.8
6203	10.	234239.7	-2243.4	28	9.5	14312.7	-2300.4	118	7.0	71032.4	-2303.9	208	9.1	94716.7	-2300.2
6204	9.8	234254.8	-2201.9	29	9.5	15537.2	-2305.7	119	9.8	71411.3	-2303.1	209	9.8	94933.0	-2300.5
6205	10.	234304.8	-2209.1	30	9.4	20516.2	-2302.2	120	9.2	71547.6	-2304.5	210	8.8	95216.9	-2303.1
6206	8.8	234315.2	-2208.3	31	9.4	20658.3	-2302.8	121	9.8	71741.2	-2304.1	211	9.5	100110.5	-2301.6
6207	9.9	234339.2	-2255.4	32	9.5	20713.9	-2302.4	122	9.8	71749.7	-2300.5	212	9.6	100443.6	-2300.1
6208	9.4	234416.3	-2227.0	33	9.3	21236.4	-2302.7	123	9.1	71806.2	-2304.8	213	6.7	100721.9	-2305.6
6209	9.3	234417.2	-2254.9	34	9.7	22736.6	-2301.4	124	9.5	72003.7	-2304.4	214	9.2	100857.0	-2300.8
6210	9.4	234422.2	-2202.4	35	9.0	23053.8	-2304.6	125	8.5	72220.7	-2302.9	215	9.5	100959.8	-2301.4
6211	10.	234434.2	-2210.4	36	9.3	23827.2	-2303.1	126	9.0	72522.7	-2303.7	216	9.0	101132.4	-2300.4
6212	9.1	234456.6	-2202.8	37	9.5	23931.7	-2305.5	127	9.4	73112.7	-2304.8	217	9.1	101322.8	-2302.3
6213	9.7	234459.6	-2245.2	38	7.0	24038.3	-2305.8	128	8.2	73346.9	-2301.5	218	9.0	101551.7	-2306.7
6214	9.7	234509.4	-2223.7	39	9.7	24643.7	-2302.9	129	9.3	73425.7	-2306.6	219	9.2	101552.1	-2302.5
6215	7.8	234526.6	-2216.9	40	9.1	30117.5	-2300.8	130	9.1	73531.4	-2304.0	220	9.4	101738.6	-2300.1
6216	9.6	234531.3	-2204.8	41	9.5	30259.2	-2302.7	131	10.	73623.8	-2301.0	221	8.0	102028.0	-2302.5
6217	8.5	234614.9	-2225.6	42	9.0	30854.4	-2301.3	132	9.4	73628.2	-2306.4	222	9.2	102151.9	-2301.5
6218	9.9	234625.9	-2200.8	43	9.0	31133.0	-2301.3	133	9.5	74055.5	-2301.4	223	8.0	102333.3	-2306.5
6219	9.8	234718.0	-2235.6	44	5.5	31157.6	-2302.2	134	9.8	74106.6	-2301.7	224	9.5	103535.7	-2303.8
6220	9.9	234718.4	-2224.4	45	9.5	31802.4	-2302.3	135	9.2	74227.8	-2305.6	225	9.8	104140.8	-2304.6
6221	9.8	234741.2	-2239.0	46	7.0	32327.0	-2300.4	136	10.	74510.7	-2301.2	226	9.7	104822.9	-2302.9
6222	6.8	234742.2	-2211.2	47	9.0	33758.3	-2301.7	137	10.	74514.5	-2301.2	227	9.6	105435.0	-2304.9
6223	9.7	234744.5	-2206.8	48	9.4	34417.2	-2301.6	138	7.8	74848.7	-2305.2	228	9.0	105620.3	-2300.3
6224	9.1	234744.5	-2235.8	49	8.6	34925.8	-2302.0	139	9.3	74925.1	-2302.7	229	9.3	110045.7	-2301.1
6225	7.0	234838.1	-2247.9	50	9.4	35110.8	-2303.6	140	9.2	75245.5	-2302.1	230	8.5	110055.2	-2304.2
6226	9.0	234906.6	-2215.8	51	9.0	41343.8	-2302.5	141	9.1	75952.9	-2305.0	231	9.0	110540.6	-2301.9
6227	9.4	234929.1	-2209.1	52	9.3	41548.8	-2302.0	142	9.8	80016.8	-2300.4	232	9.1	110544.5	-2304.1
6228	9.9	234950.1	-2241.8	53	9.8	41717.4	-2304.8	143	8.5	80229.2	-2308.0	233	9.7	111040.6	-2304.3
6229	8.5	235001.2	-2227.0	54	8.7	41946.2	-2300.5	144	9.0	80311.0	-2300.5	234	9.5	111908.4	-2300.1
6230	9.5	235018.9	-2253.5	55	9.0	42156.3	-2302.4	145	9.0	80354.2	-2304.8	235	9.0	112008.8	-2301.1
6231	9.5	235019.2	-2209.9	56	7.3	42204.3	-2305.4	146	9.4	80602.1	-2302.0	236	7.8	112110.3	-2301.5
6232	8.5	235041.1	-2243.5	57	9.3	42504.8	-2304.5	147	8.0	80659.1	-2304.7	237	9.6	112128.7	-2301.1
6233	9.7	235043.7	-2241.6	58	9.5	42851.4	-2300.1	148	9.2	80709.3	-2302.4	238	9.0	112533.0	-2306.7
6234	9.4	235050.7	-2258.3	59	9.5	42857.9	-2303.5	149	9.4	80809.0	-2301.5	239	8.5	112547.2	-2306.0
6235	9.0	235056.7	-2242.5	60	9.5	43207.4	-2302.6	150	9.8	80942.8	-2300.2	240	8.5	112804.9	-2302.0
6236	9.8	235112.1	-2216.3	61	9.8	43900.1	-2304.2	151	9.5	81006.4	-2300.9	241	9.6	112838.3	-2302.4
6237	9.7	235112.8	-2240.0	62	8.0	44025.6	-2302.5	152	9.3	81038.9	-2301.5	242	9.1	113121.7	-2302.6
6238	9.4	235115.3	-2206.8	63	9.4	44045.1	-2304.6	153	9.8	81125.8	-2300.6	243	9.3	113439.5	-2304.2
6239	9.6	235132.3	-2218.5	64	8.2	45154.3	-2302.2	154	9.5	81250.9	-2304.0	244	9.8	114053.2	-2300.8
6240	9.5	235233.3	-2230.0	65	6.0	45637.9	-2300.4	155	7.2	81348.3	-2301.0	245	7.8	114406.7	-2302.7
6241	9.7	235304.4	-2204.1	66	9.5	50244.1	-2303.9	156	9.5	81416.2	-2303.2	246	9.1	114411.8	-2300.0
6242	9.8	235309.0	-2219.3	67	9.1	50305.0	-2301.2	157	9.7	81440.2	-2301.4	247	9.7	114421.1	-2302.5
6243	9.9	235322.0	-2241.7	68	8.8	50349.6	-2300.4	158	9.0	81837.7	-2303.8	248	9.1	114431.1	-2305.6
6244	9.7	235322.1	-2251.2	69	9.5	50636.2	-2305.3	159	9.5	82027.6	-2300.4	249	9.0	114614.5	-2306.4
6245	9.2	235332.8	-2227.5	70	7.0	50938.2	-2303.8	160	8.0	82334.1	-2303.7	250	9.0	115050.7	-2306.7
6246	8.6	235347.6	-2212.6	71	9.2	51251.8	-2302.7	161	9.5	82417.9	-2300.5	251	9.3	115106.2	-2301.7
6247	9.1	235406.0	-2256.8	72	9.4	51350.0	-2301.5	162	8.2	82522.0	-2302.9	252	9.0	115257.6	-2302.8
6248	9.4	235417.9	-2250.8	73	9.4	51834.3	-2301.2	163	9.5	82525.5	-2303.4	253	9.5	115353.1	-2307.4
6249	9.8	235447.7	-2206.4	74	9.0	51955.4	-2302.6	164	8.2	82958.4	-2305.7	254	9.8	120137.0	-2302.8
6250	9.5	235501.4	-2254.8	75	9.2	52122.4	-2301.9	165	9.0	83326.3	-2304.2	255	9.1	120821.7	-2302.3
6251	8.3	235518.0	-2242.0	76	9.0	52548.8	-2303.1	166	9.3	83512.1	-2301.8	256	9.8	121603.4	-2301.7
6252	9.2	235520.1	-2202.8	77	9.1	52755.1	-2302.0	167	9.7	83654.1	-2302.0	257	8.8	121717.2	-2301.5
6253	9.5	235528.4	-2201.6	78	9.3	53231.8	-2300.2	168	8.7	83740.1	-2304.6	258	9.1	122218.5	-2300.4
6254	10.	235538.6	-2205.7	79	8.9	54058.9	-2303.5	169	9.9	83905.8	-2302.9	259	9.4	122359.7	-2302.9
6255	10.	235648.5	-2207.7	80	9.0	54236.1	-2303.4	170	9.8	83952.8	-2305.2	260	9.0	122456.0	-2305.1
6256	9.6	235720.3	-2202.9	81	9.5	54305.3	-2304.6	171	9.5	84142.7	-2301.7	261	8.8	122817.6	-2302.0
6257	7.4	235755.4	-2207.3	82	6.7	54349.9	-2301.1	172	9.8	84243.6	-2300.2	262	7.8	123158.4	-2300.8
6258	9.4	235803.1	-2237.2	83	9.6	54537.0	-2302.5	173	9.3	84517.5	-2305.6	263	8.3	123403.2	-2304.5
6259	9.3	235830.2	-2228.1	84	9.5	55012.5	-2300.1	174	9.4	84813.1	-2304.1	264	8.1	123525.2	-2302.7
6260	9.8	235903.2	-2206.6	85	9.8	55113.0	-2300.3	175	9.5	84838.6	-2303.3	265	9.1	123607.6	-2302.9
6261	8.5	235907.1	-2218.3	86	9.8	55205.9	-2301.4	176	9.5	84841.5	-2304.5	266	9.6	124940.2	-2304.0
6262	9.5	235931.6	-2259.1	87	9.8	55248.6	-2300.8	177	9.3	85047.5	-2302.2	267	7.5	130050.4	-2302.4
6263	8.4	235936.7	-2238.1	88	9.8	55256.8	-2300.2	178	9.0	85222.3	-2303.1	268	8.5	130231.4	-2305.1
6264	9.3	235942.8	-2205.4	89	9.1	55316.8	-2301.1	179	9.3	85903.3	-2305.6	269	8.0	130703.1	-2305.0
6265	9.4	235948.2	-2250.2	90	7.0	60029.4	-2306.1	180	9.8	85944.1	-2301.3	270	7.0	131252.5	-2300.1
1	8.5	00531.0	-2304.2	91	8.2	60048.5	-2304.7	181	9.0	90618.4	-2305.4	271	9.5	131559.0	-2300.5
2	9.2	00935.4	-2302.4	92	9.6	60140.0	-2303.3	182	9.5	91117.1	-2301.2	272	9.2	131727.4	-2301.6
3	9.0	01313.2	-2302.2	93	9.4	60909.6	-2304.2	183	9.8	91333.6	-2304.7	273	8.8	132416.5	-2305.5
4	9.4	01749.9	-2304.5	94	9.1	61050.1	-2303.3	184	9.3	91344.5	-2304.6	274	9.7	132916.4	-2302.9
5	9.1	02533.9	-2300.3	95	8.1	61403.1	-2302.4	185	9.3	91515.0	-2305.2	275	9.6	133203.1	-2300.4
6	9.0	02844.0	-2300.4	96	9.3	61405.2	-2302.4	186	7.3	91716.4	-2302.3	276	9.6	133512.9	-2302.0
7	8.6	03057.6	-2303.7	97	9.2	63310.5	-2303.3	187	9.6	91851.8	-2301.8	277	9.5	133531.5	-2304.7
8	8.6	03900.3	-2301.9	98	9.3	63426.2	-2302.7	188	7.5	92124.3	-2302.7	278	9.8	133956.8	-2303.5
9	10.	04035.2	-2302.8	99	9.0	63819.0	-2303.9	189	9.0	92134.2	-2304.5	279	9.5	134502.9	-2301.5
10	9.4	04442.4	-2305.4	100	9.4	64152.0	-2304.7	190	9.4	92324.2	-2302.9	280	9.0	134524.1	-2300.4
11	9.1	04738.1	-2301.4	101	8.0	64244.2	-2302.5	191	9.3	92345.2	-2305.1	281	9.0	135314.7	-2306.7
12	9.1	05620.5	-2305.1	102	9.5	64337.3	-2301.2	192	9.1	92419.3	-2303.2	282	9.2	135409.4	-2306.4
13	9.5	05701.2	-2300.8	103	9.4	64643.9	-2305.1	193	8.2	92424.8	-2300.2	283	9.8	135934.3	-2300.2
14	8.0	05948.8	-2304.0	104	9.4	64838.6	-2301.5	194	9.6	92442.5	-2300.3	284	8.5	140356.7	-2301.0
15	7.3	10812.7	-2304.1	105	9.0	65125.8	-2301.1	195	9.4	92950.0	-2303.3	285	9.8	140910.0	-2303.0
16	8.9	11141.9	-2302.0	106	9.6	65237.2	-2305.0	196	9.0	93045.6	-2301.9	286	9.5	141730.3	-2304.5
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290	9.0	144638.2	-2304.9	380	9.1	185214.4	-2300.9	470	9.7	230126.1	-2305.1
291	9.3	145036.2	-2303.7	381	9.5	185250.4	-2305.4	471	9.1	230405.4	-2300.2
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377	10.	184924.4	-2300.1	467	7.1	225624.4	-2300.6				

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13. ABSTRACT *(Maximum 200 words)*

The *Southern Durchmusterung* (SD, Schönfeld 1886, Becker 1949, Schmidt 1967) is a visual survey of stars in the declination zones -02° to -23°, completed as an extension to Argelander's (1859-62) monumental *Bonner Durchmusterung* (BD). Schönfeld's survey was carried out using the same methods as had been used for the BD. The procedure consisted of allowing the telescope to drift along the mean declination of each zone and recording the positions and magnitudes of stars crossing the transit line of each field. The SD contains a number of stars fainter than 10.0 mag and even some as faint as 11 mag. The positions are given to 0.1^s in right ascension and 0.1′ in declination for the equinox 1855.

A list of all corrections made to the original data as a result of published corrigenda, stars deleted according to overstriking in the printed catalogs or their inclusion in lists of "missing" stars, and stars inserted in later editions are given. No other corrections or changes have been incorporated into the original data; e.g., from more modern positions and magnitudes or from comparison with other catalogs.

14. SUBJECT TERMS

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