



Проект №

внесен Советом
депутатов Пичаевского
муниципального округа
Тамбовской области

ТАМБОВСКАЯ ОБЛАСТЬ

ЗАКОН

О внесении изменения в Закон Тамбовской области «Об установлении границ Пичаевского муниципального округа Тамбовской области и определении места нахождения его представительного органа и о признании утратившими силу отдельных положений некоторых законодательных актов Тамбовской области»

Принят Тамбовской областной Думой

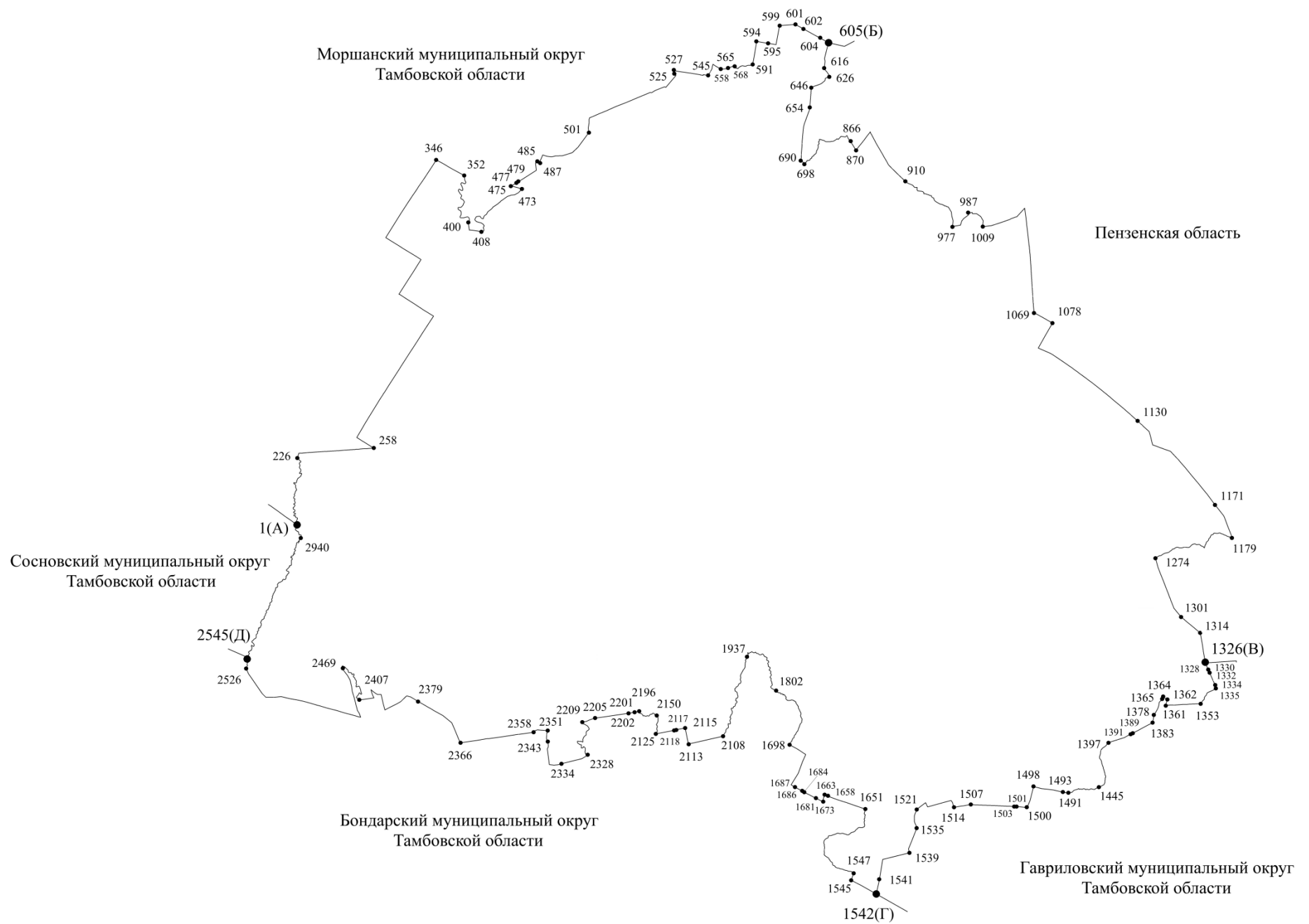
2024 года

Статья 1

Внести в Закон Тамбовской области от 1 декабря 2016 года № 28-З «Об установлении границ Пичаевского муниципального округа Тамбовской области и определении места нахождения его представительного органа и о признании утратившими силу отдельных положений некоторых законодательных актов Тамбовской области» (сайт сетевого издания «Тамбовская жизнь» (www.tamlife.ru), 2016, 5 декабря; Официальный интернет-портал правовой информации (www.pravo.gov.ru), 2017, 3 марта, № 6800201703030015; 2017, 31 июля, № 6800201707310001; 2019, 7 февраля, № 6800201902070004; сайт сетевого издания «Тамбовская жизнь» (www.tamlife.ru), 2023, 10 мая) изменение, изложив приложение 1 в следующей редакции:

«Приложение 1 к Закону Тамбовской области «Об установлении границ Пичаевского муниципального округа Тамбовской области и определении места нахождения его представительного органа и о признании утратившими силу отдельных положений некоторых законодательных актов Тамбовской области»»

**Схема
границ Пичаевского муниципального округа
Тамбовской области**



**Описание
границ Пичаевского муниципального округа
Тамбовской области**

I. Участок границы с муниципальным образованием – Моршанский муниципальный округ Тамбовской области (от А до Б)

Граница с муниципальным образованием – Моршанский муниципальный округ Тамбовской области проходит:

- от т.1(А) до т.226 – по середине реки Керша;
- от т.226 до т.258 – по меже, пересекая лесной массив;
- от т.258 до т.346 – пересекая лесной массив;
- от т.346 до т.352 – по границе лесного массива, до середины реки Кашма;
- от т.352 до т.400 – по середине реки Кашма;
- от т.400 до т.408 – по меже;
- от т.408 до т.473 – по границе лесного массива;
- от т.473 до т.475 – по сенокосному участку;
- от т.475 до т.477 – по границе лесного массива;
- от т.477 до т.479 – пересекая автодорогу;
- от т.479 до т.485 – по границе лесного массива;
- от т.485 до т.487 – по северо-восточной стороне автодороги;
- от т.487 до т.501 – по границе лесного массива;
- от т.501 до т.525 – пересекая лесной массив;
- от т.525 до т.527 – пересекая железную дорогу;
- от т.527 до т.545 – по полосе отвода железной дороги с северной стороны;
- от т.545 до т.558 – по границе лесного массива;
- от т.558 до т.565 – по границе н.п. Фитингоф;
- от т.565 до т.568 – по середине пруда;
- от т.568 до т.591 – по ручью;
- от т.591 до т.594 – пересекая лесной массив;
- от т.594 до т.595 – по границе лесного массива;
- от т.595 до т.599 – по юго-восточной стороне лесополосы;
- от т.599 до т.601 – пересекая лесной массив;
- от т.601 до т.602 – по юго-западной стороне лесополосы;
- от т.602 до т.604 – по меже;
- от т.604 до т.605(Б) – по границе лесного массива.

II. Участок границы с Пензенской областью (от Б до В)

Граница с Пензенской областью проходит:

- от т.605(Б) до т.616 – по западной границе лесных кварталов №94, 97 Раевского участкового лесничества Юрсовского лесничества Пензенской области в юго-западном направлении 1,37 км;
- от т.616 до т.626 – меняет направление на юго-восточное, доходит до Куйбышевской железной дороги, пересекая ее, общей протяженностью 0,54 км;

от т.626 до т.646 – граница идет вниз по ручью 1,15 км;
от т.646 до т.654 – граница меняет направление на юго-западное и идет по восточной стороне лесополосы 1,02 км;
от т.654 до т.690 – в юго-западном направлении по полевой дороге 2,84 км до пересечения с оврагом;
от т.690 до т.698 – по оврагу 0,26 км в юго-восточном направлении и доходит до реки Пичаевка;
от т.698 до т.866 – вверх по течению реки Пичаевка 1,75 км, затем идет в направлении на северо-восток по границе лесного квартала № 104 Раевского участкового лесничества Юрсовского лесничества Пензенской области 1,98 км;
от т.866 до т.870 – по суходолу в юго-восточном направлении 0,55 км;
от т.870 до т.910 – в северо-восточном направлении по границе земель СХПК «Серп и молот» Моршанского района Тамбовской области 1,21 км, затем резко поворачивает на юго-восток, пересекая грунтовую дорогу, и идет по северо-восточной стороне лесополосы 3,17 км до пруда;
от т.910 до т.977 – в юго-восточном направлении, пересекая пруд, 0,52 км, далее идет вверх по течению реки Песчанка на протяжении 3,44 км;
от т.977 до т.987 – граница поворачивает на восток 0,42 км, далее на северо-восток по северо-западной границе лесного квартала № 102 Пичаевского участкового лесничества Вернадского лесничества Тамбовской области 0,66 км и доходит до железной дороги на протяжении 0,15 км;
от т.987 до т.1009 – пересекает железную дорогу и идет в юго-восточном направлении по северной и восточной границам лесного квартала № 103 Пичаевского участкового лесничества Вернадского лесничества Тамбовской области на протяжении 1,36 км;
от т.1009 до т.1069 – по суходолу в северо-восточном направлении до железной дороги, пересекая ее, 1,86 км, далее в том же направлении по юго-восточной стороне полосы отвода железной дороги 0,61 км, затем поворачивает на юг и идет по полевой дороге 5,47 км;
от т.1069 до т.1078 – поворачивает на юго-восток по полевой дороге 1,11 км;
от т.1078 до т.1130 – по полевой дороге в юго-западном направлении 1,5 км, затем поворачивает на юго-восток и идет по полевой дороге 6,45 км и доходит до северной стороны полосы отвода железной дороги;
от т.1130 до т.1171 – в юго-восточном направлении пересекает железную дорогу 0,32 км, далее, не меняя направления, идет по полевой дороге 5,83 км до лесополосы;
от т.1171 до т.1179 – по восточной стороне лесополосы 0,96 км, затем в том же направлении по полевой дороге 0,99 км до пересечения с рекой Кянда;
от т.1179 до т.1274 – граница идет вниз, затем вверх по течению реки Кянда общей протяженностью 4,84 км;
от т.1274 до т.1301 – меняет направление на юго-восточное и идет по

восточной стороне лесополосы 3,38 км;
 от т.1301 до т.1314 – пересекая ручей, в том же направлении доходит до полевой дороги и идет по полевой дороге 1,30 км;
 от т.1314 до т.1326(В) – в южном направлении по полевой дороге 1,55 км.

III. Участок границы с муниципальным образованием – Гавриловский муниципальный округ Тамбовской области (от В до Г)

Граница с муниципальным образованием – Гавриловский муниципальный округ Тамбовской области проходит:

от т.1326(В) до т.1328 – по пастбищному участку;
 от т.1328 до т.1330 – по меже;
 от т.1330 до т.1332 – по пастбищному участку;
 от т.1332 до т.1334 – по меже;
 от т.1334 до т.1335 – по пастбищному участку;
 от т.1335 до т.1353 – по балке;
 от т.1353 до т.1361 – по меже;
 от т.1361 до т.1362 – по пастбищному участку;
 от т.1362 до т.1364 – по северо-восточной стороне полевой дороги;
 от т.1364 до т.1365 – по балке;
 от т.1365 до т.1378 – по середине пруда;
 от т.1378 до т.1383 – по середине реки Ира;
 от т.1383 до т.1389 – по юго-восточной стороне лесополосы;
 от т.1389 до т.1391 – пересекая автодорогу;
 от т.1391 до т.1397 – по южной стороне лесополосы;
 от т.1397 до т.1445 – по балке;
 от т.1445 до т.1491 – по середине реки Барсучка;
 от т.1491 до т.1493 – по меже;
 от т.1493 до т.1498 – по северной стороне лесополосы;
 от т.1498 до т.1500 – по северо-западной стороне лесополосы;
 от т.1500 до т.1501 – по северной стороне лесополосы;
 от т.1501 до т.1503 – пересекая автодорогу;
 от т.1503 до т.1507 – между лесополосами;
 от т.1507 до т.1514 – по меже до границы приусадебных земель н.п. Павловка;
 от т.1514 до т.1521 – по меже;
 от т.1521 до т.1535 – по ручью;
 от т.1535 до т.1539 – по меже;
 от т.1539 до т.1541 – по юго-восточной стороне лесополосы;
 от т.1541 до т.1542(Г) – по западной стороне полевой дороги.

IV. Участок границы с муниципальным образованием – Бондарский муниципальный округ Тамбовской области (от Г до Д)

Граница с муниципальным образованием – Бондарский муниципальный округ Тамбовской области проходит:

от т.1542(Г) до т.1545 – по юго-западной стороне полевой дороги;
от т.1545 до т.1547 – по меже;
от т.1547 до т.1651 – по ручью;
от т.1651 до т.1658 – по юго-западной стороне лесополосы;
от т.1658 до т.1663 – по меже;
от т.1663 до т.1673 – по пересыхающему ручью;
от т.1673 до т.1681 – по меже;
от т.1681 до т.1684 – по юго-западной стороне лесополосы;
от т.1684 до т.1686 – пересекая автодорогу «Тамбов-Пенза»;
от т.1686 до т.1687 – по юго-западной стороне лесополосы;
от т.1687 до т.1698 – по меже;
от т.1698 до т.1802 – по ручью;
от т.1802 до т.1937 – по середине реки Шача;
от т.1937 до т.2108 – по середине ручья;
от т.2108 до т.2113 – по южной стороне лесополосы;
от т.2113 до т.2115 – по западной стороне лесополосы;
от т.2115 до т.2117 – по южной стороне лесополосы;
от т.2117 до т.2118 – пересекая пруд;
от т.2118 до т.2125 – по северной стороне полевой дороги;
от т.2125 до т.2150 – по середине пруда;
от т.2150 до т.2196 – по ручью;
от т.2196 до т.2201 – по пастбищному участку;
от т.2201 до т.2202 – по меже;
от т.2202 до т.2205 – по южной стороне лесополосы;
от т.2205 до т.2209 – по меже до середины реки Малый Ломовис;
от т.2209 до т.2328 – по середине реки Малый Ломовис;
от т.2328 до т.2334 – по южной стороне лесополосы;
от т.2334 до т.2343 – по меже;
от т.2343 до т.2351 – по середине реки Большой Ломовис;
от т.2351 до т.2358 – по меже;
от т.2358 до т.2366 – по южной стороне лесополосы;
от т.2366 до т.2379 – по юго-западной стороне лесополосы;
от т.2379 до т.2407 – пересекая лесной массив;
от т.2407 до т.2469 – по середине реки Кёрша;
от т.2469 до т.2526 – пересекая лесной массив;
от т.2526 до т.2545(Д) – по середине реки Хмелина.

V. Участок границы с муниципальным образованием – Сосновский муниципальный округ Тамбовской области (от Д до А)

Граница с муниципальным образованием – Сосновский муниципальный округ Тамбовской области проходит:

от т.2545(Д) до т.2940 – по середине реки Хмелина;
от т.2940 до т.1(А) – по середине реки Кёрша.

**Каталог
координат характерных точек границ
Пичаевского муниципального округа
Тамбовской области**

Название (номер) межевого знака	Дирекционные уг- лы (град. мин. сек.)	Длина линии (м)	X координата	Y координата
1			483117.44	1274051.24
	14° 56' 19"	30.8		
2			483147.2	1274059.18
	14° 55' 31"	18.13		
3			483164.72	1274063.85
	334° 58' 41"	40.85		
4			483201.74	1274046.57
	343° 39' 17"	37.99		
5			483238.19	1274035.88
	345° 10' 44"	41.79		
6			483278.59	1274025.19
	1° 59' 19"	27.38		
7			483305.95	1274026.14
	6° 03' 44"	10.7		
8			483316.59	1274027.27
	13° 45' 55"	25.64		
9			483341.49	1274033.37
	21° 04' 20"	20.14		
10			483360.28	1274040.61
	27° 34' 59"	59.15		
11			483412.71	1274068
	18° 05' 03"	27.9		
12			483439.23	1274076.66
	359° 14' 00"	13.45		
13			483452.68	1274076.48
	347° 35' 40"	11.59		
14			483464	1274073.99
	319° 24' 13"	12.52		

15			483473.51	1274065.84
	309° 51' 19"	8.83		
16			483479.17	1274059.06
	293° 26' 46"	13.07		
17			483484.37	1274047.07
	283° 52' 02"	27.95		
18			483491.07	1274019.93
	283° 51' 40"	7.93		
19			483492.97	1274012.23
	289° 54' 17"	19.97		
20			483499.77	1273993.45
	301° 31' 38"	11.68		
21			483505.88	1273983.49
	324° 18' 46"	8.91		
22			483513.12	1273978.29
	347° 47' 03"	13.89		
23			483526.7	1273975.35
	2° 54' 46"	43.1		
24			483569.74	1273977.54
	346° 09' 37"	9.2		
25			483578.67	1273975.34
	321° 53' 05"	6.9		
26			483584.1	1273971.08
	305° 08' 11"	7.47		
27			483588.4	1273964.97
	272° 46' 34"	9.29		
28			483588.85	1273955.69
	250° 11' 09"	24.04		
29			483580.7	1273933.07
	259° 46' 10"	16.55		
30			483577.76	1273916.78
	273° 09' 51"	8.15		
31			483578.21	1273908.64
	308° 31' 35"	12.73		
32			483586.14	1273898.68
	328° 41' 32"	18.28		
33			483601.76	1273889.18
	336° 55' 07"	11.55		
34			483612.39	1273884.65
	0° 00' 00"	10.19		
35			483622.58	1273884.65
	29° 09' 52"	11.14		
36			483632.31	1273890.08
	46° 25' 24"	12.81		
37			483641.14	1273899.36
	59° 53' 41"	64.1		
38			483673.29	1273954.81

	52° 08' 52"	15.4		
39			483682.74	1273966.97
	34° 40' 55"	8.17		
40			483689.46	1273971.62
	13° 07' 46"	7.97		
41			483697.22	1273973.43
	346° 15' 43"	6.53		
42			483703.56	1273971.88
	317° 39' 18"	5.95		
43			483707.96	1273967.87
	297° 10' 05"	15.72		
44			483715.14	1273953.88
	292° 09' 51"	51.93		
45			483734.73	1273905.79
	296° 06' 17"	20.59		
46			483743.79	1273887.3
	313° 47' 30"	13.08		
47			483752.84	1273877.86
	331° 20' 13"	7.82		
48			483759.7	1273874.11
	345° 10' 30"	11.1		
49			483770.43	1273871.27
	7° 52' 49"	9.41		
50			483779.75	1273872.56
	29° 34' 55"	6.54		
51			483785.44	1273875.79
	52° 59' 59"	14.94		
52			483794.43	1273887.72
	61° 22' 40"	19.44		
53			483803.74	1273904.78
	70° 01' 38"	4.71		
54			483805.35	1273909.21
	70° 01' 31"	5.88		
55			483807.36	1273914.74
	63° 26' 06"	16.48		
56			483814.73	1273929.48
	52° 13' 35"	15.85		
57			483824.44	1273942.01
	28° 31' 07"	9.97		
58			483833.2	1273946.77
	6° 57' 15"	25.77		
59			483858.78	1273949.89
	348° 09' 32"	9.94		
60			483868.51	1273947.85
	333° 53' 49"	13.86		
61			483880.96	1273941.75
	318° 02' 07"	15.22		

62			483892.28	1273931.57
	311° 13' 49"	26.78		
63			483909.93	1273911.43
	296° 55' 36"	17		
64			483917.63	1273896.27
	290° 33' 56"	21.27		
65			483925.1	1273876.36
	288° 26' 06"	7.15		
66			483927.36	1273869.58
	317° 38' 42"	10.42		
67			483935.06	1273862.56
	345° 58' 23"	14.94		
68			483949.55	1273858.94
	347° 10' 35"	36.67		
69			483985.31	1273850.8
	358° 36' 40"	18.57		
70			484003.87	1273850.35
	23° 05' 31"	15.5		
71			484018.13	1273856.43
	45° 00' 00"	6.77		
72			484022.92	1273861.22
	58° 23' 17"	8.64		
73			484027.45	1273868.58
	70° 08' 12"	16.36		
74			484033.01	1273883.97
	51° 20' 48"	14.07		
75			484041.8	1273894.96
	29° 37' 05"	11.76		
76			484052.02	1273900.77
	18° 04' 00"	19.19		
77			484070.26	1273906.72
	30° 46' 10"	14.15		
78			484082.42	1273913.96
	45° 00' 00"	17.14		
79			484094.54	1273926.08
	41° 23' 08"	20.53		
80			484109.94	1273939.65
	24° 12' 56"	8.51		
81			484117.7	1273943.14
	6° 12' 08"	9.63		
82			484127.27	1273944.18
	348° 01' 48"	11.23		
83			484138.26	1273941.85
	330° 06' 41"	15.81		
84			484151.97	1273933.97
	316° 40' 00"	17.75		
85			484164.88	1273921.79

	309° 59' 38"	18.31		
86			484176.65	1273907.76
	297° 32' 06"	29.85		
87			484190.45	1273881.29
	318° 03' 42"	6.09		
88			484194.98	1273877.22
	344° 59' 02"	6.1		
89			484200.87	1273875.64
	8° 08' 49"	4.8		
90			484205.62	1273876.32
	42° 21' 20"	7.05		
91			484210.83	1273881.07
	63° 24' 58"	13.65		
92			484216.94	1273893.28
	77° 11' 45"	40.84		
93			484225.99	1273933.1
	58° 16' 12"	18.08		
94			484235.5	1273948.48
	45° 00' 00"	9.93		
95			484242.52	1273955.5
	22° 12' 50"	8.25		
96			484250.16	1273958.62
	359° 06' 58"	14.26		
97			484264.42	1273958.4
	345° 13' 59"	21.3		
98			484285.02	1273952.97
	338° 58' 18"	31.52		
99			484314.44	1273941.66
	335° 15' 00"	28.66		
100			484340.47	1273929.66
	346° 25' 44"	24.8		
101			484364.58	1273923.84
	349° 24' 29"	35.69		
102			484399.66	1273917.28
	0° 00' 00"	11.1		
103			484410.76	1273917.28
	17° 56' 30"	8.08		
104			484418.45	1273919.77
	42° 15' 34"	13.46		
105			484428.41	1273928.82
	39° 52' 24"	16.22		
106			484440.86	1273939.22
	23° 01' 22"	9.84		
107			484449.92	1273943.07
	3° 33' 24"	7.25		
108			484457.16	1273943.52
	349° 07' 18"	5.99		

109			484463.04	1273942.39
	318° 03' 34"	9.14		
110			484469.84	1273936.28
	306° 43' 28"	18.91		
111			484481.15	1273921.12
	292° 20' 00"	28.61		
112			484492.02	1273894.66
	297° 48' 59"	9.21		
113			484496.32	1273886.51
	316° 01' 20"	9.12		
114			484502.88	1273880.18
	337° 59' 41"	11.48		
115			484513.52	1273875.88
	353° 45' 57"	12.52		
116			484525.97	1273874.52
	0° 00' 00"	11.77		
117			484537.74	1273874.52
	13° 35' 18"	9.62		
118			484547.09	1273876.78
	30° 42' 15"	17.78		
119			484562.38	1273885.86
	28° 29' 01"	18.03		
120			484578.23	1273894.46
	18° 44' 47"	13.38		
121			484590.9	1273898.76
	33° 38' 29"	6.53		
122			484596.34	1273902.38
	40° 19' 53"	29.02		
123			484618.46	1273921.16
	30° 33' 21"	17.35		
124			484633.4	1273929.98
	12° 06' 59"	12.96		
125			484646.07	1273932.7
	0° 00' 00"	4.98		
126			484651.05	1273932.7
	0° 00' 00"	4.98		
127			484656.03	1273932.7
	346° 22' 47"	7.69		
128			484663.5	1273930.89
	322° 19' 43"	12.58		
129			484673.46	1273923.2
	313° 10' 37"	14.89		
130			484683.65	1273912.34
	332° 43' 24"	7.2		
131			484690.05	1273909.04
	351° 39' 05"	7.78		
132			484697.75	1273907.91

	14° 43' 26"	8.89		
133			484706.35	1273910.17
	31° 17' 27"	13.52		
134			484717.9	1273917.19
	35° 27' 40"	26.11		
135			484739.17	1273932.34
	30° 05' 04"	23.02		
136			484759.09	1273943.88
	17° 15' 52"	25.54		
137			484783.48	1273951.46
	5° 06' 33"	27.96		
138			484811.33	1273953.95
	11° 25' 29"	20.55		
139			484831.47	1273958.02
	20° 28' 49"	23.92		
140			484853.88	1273966.39
	29° 54' 05"	19.06		
141			484870.4	1273975.89
	40° 18' 33"	15.74		
142			484882.4	1273986.07
	47° 43' 03"	30.28		
143			484902.77	1274008.47
	36° 48' 16"	24.55		
144			484922.43	1274023.18
	21° 33' 12"	3.43		
145			484925.62	1274024.44
	268° 36' 55"	7.86		
146			484925.43	1274016.58
	35° 52' 53"	13.56		
147			484936.42	1274024.53
	15° 40' 43"	22.42		
148			484958.01	1274030.59
	330° 33' 20"	26.97		
149			484981.5	1274017.33
	332° 56' 47"	38.28		
150			485015.59	1273999.92
	340° 42' 43"	40.14		
151			485053.48	1273986.66
	341° 46' 44"	33.9		
152			485085.68	1273976.06
	0° 44' 12"	29.55		
153			485115.23	1273976.44
	16° 01' 49"	34.29		
154			485148.19	1273985.91
	358° 08' 49"	23.5		
155			485171.68	1273985.15
	344° 19' 17"	22.42		

156			485193.27	1273979.09
	312° 45' 43"	40.74		
157			485220.93	1273949.18
	300° 35' 08"	38.72		
158			485240.63	1273915.85
	308° 17' 43"	27.5		
159			485257.67	1273894.27
	337° 43' 33"	24.98		
160			485280.79	1273884.8
	354° 34' 42"	15.98		
161			485296.7	1273883.29
	19° 16' 54"	16.05		
162			485311.85	1273888.59
	70° 43' 06"	16.05		
163			485317.15	1273903.74
	110° 13' 56"	15.33		
164			485311.85	1273918.12
	122° 28' 48"	24.69		
165			485298.59	1273938.95
	104° 02' 10"	23.42		
166			485292.91	1273961.67
	82° 17' 49"	28.28		
167			485296.7	1273989.69
	47° 16' 40"	20.1		
168			485310.34	1274004.46
	36° 09' 46"	31.44		
169			485335.72	1274023.01
	12° 11' 29"	48.44		
170			485383.07	1274033.24
	18° 25' 03"	31.15		
171			485412.62	1274043.08
	18° 47' 06"	38.82		
172			485449.37	1274055.58
	18° 05' 23"	41.45		
173			485488.77	1274068.45
	29° 17' 33"	42.57		
174			485525.9	1274089.28
	38° 59' 00"	30.69		
175			485549.76	1274108.59
	57° 27' 49"	30.99		
176			485566.43	1274134.72
	58° 15' 24"	67.68		
177			485602.04	1274192.28
	48° 35' 43"	42.4		
178			485630.08	1274224.08
	47° 24' 05"	31.9		
179			485651.67	1274247.56

	14° 11' 00"	34		
180			485684.63	1274255.89
	20° 01' 54"	34.27		
181			485716.83	1274267.63
	40° 39' 57"	24.98		
182			485735.78	1274283.91
	33° 04' 37"	19.44		
183			485752.07	1274294.52
	351° 59' 33"	24.48		
184			485776.31	1274291.11
	344° 49' 46"	23.16		
185			485798.66	1274285.05
	310° 15' 51"	19.36		
186			485811.17	1274270.28
	267° 36' 18"	18.19		
187			485810.41	1274252.11
	251° 18' 42"	27.18		
188			485801.7	1274226.36
	239° 39' 11"	23.26		
189			485789.95	1274206.29
	240° 55' 14"	15.6		
190			485782.37	1274192.66
	301° 31' 13"	13.77		
191			485789.57	1274180.92
	337° 01' 23"	13.58		
192			485802.07	1274175.62
	12° 19' 43"	24.82		
193			485826.32	1274180.92
	24° 25' 24"	18.31		
194			485842.99	1274188.49
	46° 27' 00"	25.43		
195			485860.51	1274206.92
	46° 27' 40"	16.36		
196			485871.78	1274218.78
	41° 55' 53"	35.14		
197			485897.92	1274242.26
	22° 16' 58"	24.98		
198			485921.03	1274251.73
	2° 03' 28"	31.47		
199			485952.48	1274252.86
	0° 00' 00"	28.79		
200			485981.27	1274252.86
	336° 29' 14"	25.62		
201			486004.76	1274242.64
	319° 39' 03"	29.82		
202			486027.49	1274223.33
	321° 04' 52"	37.98		

203			486057.04	1274199.47
	327° 22' 05"	33.64		
204			486085.37	1274181.33
	348° 07' 18"	31.43		
205			486116.13	1274174.86
	3° 13' 15"	20.11		
206			486136.21	1274175.99
	32° 57' 05"	41.09		
207			486170.69	1274198.34
	13° 49' 10"	26.92		
208			486196.83	1274204.77
	349° 09' 10"	28.16		
209			486224.49	1274199.47
	344° 51' 50"	33.36		
210			486256.69	1274190.76
	337° 01' 55"	37.85		
211			486291.54	1274175.99
	351° 26' 49"	27.97		
212			486319.2	1274171.83
	3° 22' 37"	19.35		
213			486338.52	1274172.97
	42° 34' 17"	19.02		
214			486352.53	1274185.84
	66° 27' 28"	25.61		
215			486362.76	1274209.32
	51° 34' 38"	39.63		
216			486387.39	1274240.37
	24° 53' 17"	23.38		
217			486408.6	1274250.21
	1° 14' 56"	17.43		
218			486426.03	1274250.59
	309° 09' 46"	21		
219			486439.29	1274234.31
	298° 57' 54"	24.24		
220			486451.03	1274213.1
	305° 28' 28"	27.43		
221			486466.95	1274190.76
	328° 14' 29"	28.06		
222			486490.81	1274175.99
	323° 22' 56"	36.82		
223			486520.36	1274154.03
	323° 43' 55"	37.12		
224			486550.29	1274132.07
	305° 33' 29"	22.8		
225			486563.55	1274113.52
	288° 26' 31"	52.7		
226			486580.22	1274063.53

	8° 30' 34"	6.62		
227			486586.77	1274064.51
	16° 29' 13"	39.82		
228			486624.95	1274075.81
	17° 33' 46"	8.52		
229			486633.07	1274078.38
	17° 32' 49"	64.48		
230			486694.55	1274097.82
	17° 31' 41"	156.82		
231			486844.09	1274145.05
	86° 53' 23"	199.04		
232			486854.89	1274343.8
	85° 31' 16"	146.5		
233			486866.33	1274489.85
	85° 06' 05"	70.15		
234			486872.32	1274559.74
	80° 49' 20"	27.15		
235			486876.65	1274586.54
	83° 56' 40"	75.36		
236			486884.6	1274661.48
	85° 53' 32"	138.21		
237			486894.5	1274799.33
	85° 39' 20"	200.66		
238			486909.7	1274999.41
	86° 49' 47"	430.7		
239			486933.52	1275429.45
	87° 16' 44"	199.7		
240			486943	1275628.92
	87° 11' 28"	123.87		
241			486949.07	1275752.64
	86° 10' 50"	335.53		
242			486971.42	1276087.42
	85° 47' 07"	153.76		
243			486982.72	1276240.76
	85° 24' 34"	1.37		
244			486982.83	1276242.13
	85° 10' 03"	249.99		
245			487003.89	1276491.23
	85° 22' 31"	31.5		
246			487006.43	1276522.63
	85° 50' 40"	28.57		
247			487008.5	1276551.12
	86° 02' 15"	262.36		
248			487026.63	1276812.85
	86° 03' 52"	255.84		
249			487044.19	1277068.09
	86° 04' 03"	41.85		

250			487047.06	1277109.84
	85° 42' 09"	100.35		
251			487054.58	1277209.91
	85° 42' 23"	118.47		
252			487063.45	1277328.05
	85° 22' 31"	174.38		
253			487077.51	1277501.86
	86° 05' 06"	215.74		
254			487092.24	1277717.1
	85° 40' 20"	168.56		
255			487104.96	1277885.18
	85° 58' 44"	15.83		
256			487106.07	1277900.97
	86° 23' 12"	10.63		
257			487106.74	1277911.58
	86° 45' 02"	139.89		
258			487114.67	1278051.25
	301° 35' 02"	1.58		
259			487115.5	1278049.9
	301° 35' 43"	73.9		
260			487154.22	1277986.95
	301° 37' 12"	23.8		
261			487166.7	1277966.68
	300° 51' 51"	10.86		
262			487172.27	1277957.36
	300° 53' 53"	136.2		
263			487242.21	1277840.49
	302° 48' 31"	227.89		
264			487365.69	1277648.95
	300° 11' 36"	157.24		
265			487444.77	1277513.04
	302° 36' 22"	32.25		
266			487462.15	1277485.87
	302° 35' 59"	187.3		
267			487563.06	1277328.08
	302° 22' 29"	194.17		
268			487667.03	1277164.09
	30° 30' 03"	525.23		
269			488119.58	1277430.67
	31° 09' 55"	13.16		
270			488130.84	1277437.48
	31° 09' 40"	71.72		
271			488192.21	1277474.59
	28° 45' 59"	114.1		
272			488292.23	1277529.5
	29° 34' 11"	99.74		
273			488378.98	1277578.72

	31° 53' 48"	50.78		
274			488422.09	1277605.55
	32° 58' 41"	71.19		
275			488481.81	1277644.3
	34° 24' 37"	27.36		
276			488504.38	1277659.76
	31° 21' 12"	101.15		
277			488590.76	1277712.39
	32° 04' 41"	14.2		
278			488602.79	1277719.93
	24° 14' 23"	4.41		
279			488606.81	1277721.74
	31° 42' 20"	17.22		
280			488621.46	1277730.79
	31° 41' 46"	1056.59		
281			489520.46	1278285.94
	31° 29' 55"	104.16		
282			489609.27	1278340.36
	32° 28' 24"	319.24		
283			489878.59	1278511.76
	32° 28' 12"	107.33		
284			489969.14	1278569.38
	32° 28' 41"	57.56		
285			490017.7	1278600.29
	32° 28' 21"	449.94		
286			490397.29	1278841.86
	32° 46' 26"	1050.72		
287			491280.75	1279410.64
	32° 12' 00"	37.44		
288			491312.43	1279430.59
	32° 38' 28"	1039.24		
289			492187.54	1279991.13
	34° 49' 28"	19.33		
290			492203.41	1280002.17
	33° 29' 36"	74.33		
291			492265.4	1280043.19
	33° 07' 35"	277.99		
292			492498.21	1280195.11
	33° 09' 07"	209.12		
293			492673.29	1280309.47
	32° 02' 50"	247.77		
294			492883.3	1280440.94
	32° 46' 20"	199.78		
295			493051.28	1280549.08
	35° 16' 39"	2.3		
296			493053.16	1280550.41
	32° 03' 19"	13.42		

297			493064.53	1280557.53
	32° 31' 09"	82.26		
298			493133.89	1280601.75
	33° 05' 18"	338.06		
299			493417.13	1280786.31
	32° 19' 45"	54.77		
300			493463.41	1280815.6
	33° 26' 06"	75.97		
301			493526.81	1280857.46
	33° 12' 09"	212.84		
302			493704.9	1280974.01
	33° 21' 54"	272.85		
303			493932.78	1281124.07
	33° 10' 27"	67.14		
304			493988.98	1281160.81
	33° 16' 30"	1.91		
305			493990.58	1281161.86
	301° 05' 22"	3.91		
306			493992.6	1281158.51
	301° 05' 32"	182.9		
307			494087.05	1281001.89
	301° 47' 35"	181.89		
308			494182.88	1280847.29
	301° 41' 19"	256.04		
309			494317.38	1280629.42
	302° 40' 10"	172.97		
310			494410.75	1280483.81
	304° 21' 16"	156.44		
311			494499.03	1280354.66
	303° 53' 01"	105.88		
312			494558.06	1280266.76
	302° 44' 50"	11.46		
313			494564.26	1280257.12
	302° 55' 04"	622.23		
314			494902.4	1279734.79
	302° 26' 14"	376.36		
315			495104.27	1279417.15
	295° 05' 36"	60.77		
316			495130.04	1279362.12
	306° 52' 12"	0.45		
317			495130.31	1279361.76
	286° 33' 25"	4.25		
318			495131.52	1279357.69
	32° 47' 04"	654.5		
319			495681.77	1279712.09
	32° 40' 59"	406.32		
320			496023.76	1279931.5

	32° 44' 46"	329.46		
321			496300.86	1280109.71
	32° 11' 16"	752.21		
322			496937.46	1280510.41
	302° 00' 18"	310.97		
323			497102.27	1280246.71
	301° 35' 19"	810.21		
324			497526.67	1279556.55
	302° 19' 46"	192.62		
325			497629.68	1279393.79
	302° 01' 49"	493.32		
326			497891.32	1278975.57
	302° 08' 43"	360.1		
327			498082.92	1278670.67
	32° 04' 31"	1074.64		
328			498993.52	1279241.34
	31° 51' 58"	359.02		
329			499298.43	1279430.88
	32° 57' 59"	520.58		
330			499735.19	1279714.15
	33° 35' 16"	158.28		
331			499867.04	1279801.71
	33° 24' 39"	351.7		
332			500160.62	1279995.37
	32° 44' 07"	102.86		
333			500247.14	1280050.99
	35° 15' 58"	51.73		
334			500289.38	1280080.86
	35° 58' 42"	78.91		
335			500353.24	1280127.22
	34° 43' 08"	142.87		
336			500470.67	1280208.59
	33° 41' 21"	170.85		
337			500612.83	1280303.36
	33° 30' 56"	186.56		
338			500768.37	1280406.37
	34° 27' 22"	171.15		
339			500909.49	1280503.2
	34° 24' 14"	114.86		
340			501004.26	1280568.1
	34° 03' 56"	261.13		
341			501220.58	1280714.37
	33° 49' 32"	240.56		
342			501420.42	1280848.28
	33° 05' 00"	296.28		
343			501668.67	1281010.01
	32° 38' 54"	126.01		

344			501774.77	1281077.99
	32° 11' 50"	131.47		
345			501886.02	1281148.04
	32° 40' 25"	290.02		
346			502130.15	1281304.61
	119° 13' 55"	386		
347			501941.65	1281641.45
	119° 13' 22"	238.42		
348			501825.25	1281849.53
	121° 52' 53"	99.48		
349			501772.71	1281934
	119° 31' 33"	267.54		
350			501640.86	1282166.8
	118° 42' 44"	602.52		
351			501351.4	1282695.24
	120° 15' 23"	71.55		
352			501315.35	1282757.04
	172° 34' 01"	238.93		
353			501078.43	1282787.95
	152° 37' 28"	129.92		
354			500963.06	1282847.69
	204° 13' 27"	67.78		
355			500901.25	1282819.88
	251° 55' 00"	53.09		
356			500884.77	1282769.41
	299° 03' 23"	116.66		
357			500941.43	1282667.43
	262° 34' 13"	47.79		
358			500935.25	1282620.04
	214° 37' 05"	52.58		
359			500891.98	1282590.17
	184° 05' 08"	43.37		
360			500848.72	1282587.08
	148° 56' 16"	99.81		
361			500763.22	1282638.58
	160° 09' 55"	133.6		
362			500637.55	1282683.91
	176° 59' 15"	78.4		
363			500559.26	1282688.03
	228° 00' 46"	41.57		
364			500531.45	1282657.13
	275° 26' 21"	43.47		
365			500535.57	1282613.86
	302° 14' 17"	135.18		
366			500607.68	1282499.52
	229° 53' 26"	51.18		
367			500574.71	1282460.38

	184° 05' 08"	57.83		
368			500517.03	1282456.26
	150° 01' 08"	185.53		
369			500356.33	1282548.97
	130° 17' 32"	62.12		
370			500316.16	1282596.35
	139° 45' 49"	35.08		
371			500289.38	1282619.01
	170° 16' 30"	36.59		
372			500253.32	1282625.19
	204° 34' 02"	79.28		
373			500181.22	1282592.23
	180° 49' 06"	72.12		
374			500109.11	1282591.2
	134° 10' 11"	50.26		
375			500074.09	1282627.25
	70° 42' 51"	43.66		
376			500088.51	1282668.46
	142° 34' 43"	149.16		
377			499970.05	1282759.1
	177° 02' 22"	59.83		
378			499910.3	1282762.19
	214° 55' 51"	79.15		
379			499845.41	1282716.87
	188° 28' 10"	48.95		
380			499796.99	1282709.66
	218° 28' 22"	147.36		
381			499681.62	1282617.98
	244° 58' 59"	51.15		
382			499659.99	1282571.63
	265° 14' 12"	124.04		
383			499649.69	1282448.02
	191° 18' 36"	63.02		
384			499587.89	1282435.66
	154° 01' 52"	44.69		
385			499547.71	1282455.23
	122° 37' 00"	122.3		
386			499481.79	1282558.24
	144° 21' 01"	58.32		
387			499434.4	1282592.23
	161° 33' 54"	42.34		
388			499394.23	1282605.62
	185° 06' 06"	115.83		
389			499278.86	1282595.32
	207° 35' 24"	129.01		
390			499164.52	1282535.57
	158° 11' 25"	38.84		

391			499128.46	1282550
	122° 49' 43"	38		
392			499107.86	1282581.93
	85° 34' 24"	160.14		
393			499120.22	1282741.59
	76° 30' 55"	181.14		
394			499162.46	1282917.74
	107° 44' 41"	54.07		
395			499145.98	1282969.24
	130° 27' 49"	46.04		
396			499116.1	1283004.27
	161° 17' 18"	67.42		
397			499052.24	1283025.9
	174° 08' 41"	80.77		
398			498971.89	1283034.14
	197° 50' 51"	63.85		
399			498911.11	1283014.57
	226° 22' 28"	61.02		
400			498869.01	1282970.4
	178° 47' 32"	33.69		
401			498835.33	1282971.11
	171° 10' 38"	273.96		
402			498564.61	1283013.13
	171° 49' 37"	22.65		
403			498542.19	1283016.35
	170° 26' 34"	71.49		
404			498471.69	1283028.22
	85° 20' 21"	17.11		
405			498473.08	1283045.27
	95° 27' 54"	220.19		
406			498452.11	1283264.46
	98° 19' 14"	350.76		
407			498401.35	1283611.53
	109° 00' 12"	46.22		
408			498386.3	1283655.23
	71° 04' 02"	39.67		
409			498399.17	1283692.75
	0° 00' 00"	15.81		
410			498399.17	1283708.56
	63° 00' 54"	73.85		
411			498432.68	1283774.37
	24° 42' 10"	27.66		
412			498457.81	1283785.93
	0° 00' 00"	34.68		
413			498492.49	1283785.93
	342° 59' 16"	101.51		
414			498589.56	1283756.23

	9° 39' 53"	21.86		
415			498611.11	1283759.9
	25° 38' 07"	93.15		
416			498695.09	1283800.2
	324° 34' 56"	118.85		
417			498791.95	1283731.32
	300° 53' 36"	115.79		
418			498851.4	1283631.96
	281° 52' 26"	129.33		
419			498878.01	1283505.4
	287° 59' 52"	76.28		
420			498901.58	1283432.85
	288° 42' 03"	32.72		
421			498912.07	1283401.86
	315° 32' 17"	51.21		
422			498948.62	1283365.99
	311° 36' 42"	47.74		
423			498980.32	1283330.3
	329° 27' 36"	39.87		
424			499014.66	1283310.04
	9° 28' 21"	27.89		
425			499042.17	1283314.63
	28° 36' 20"	45.97		
426			499082.53	1283336.64
	29° 05' 30"	48.19		
427			499124.64	1283360.07
	35° 27' 19"	42.86		
428			499159.55	1283384.93
	56° 37' 39"	30.03		
429			499176.07	1283410.01
	83° 34' 33"	57.29		
430			499182.48	1283466.94
	83° 34' 16"	82.08		
431			499191.67	1283548.5
	94° 30' 10"	25.35		
432			499189.68	1283573.77
	118° 41' 53"	24.51		
433			499177.91	1283595.27
	160° 20' 33"	40.9		
434			499139.39	1283609.03
	133° 01' 57"	71.88		
435			499090.34	1283661.57
	120° 04' 02"	35.73		
436			499072.44	1283692.49
	120° 15' 15"	19.11		
437			499062.81	1283709
	83° 31' 50"	47.04		

438			499068.11	1283755.74
	15° 21' 33"	13.03		
439			499080.67	1283759.19
	11° 44' 05"	9.78		
440			499090.25	1283761.18
	11° 43' 47"	25.43		
441			499115.15	1283766.35
	12° 40' 53"	52.11		
442			499165.99	1283777.79
	26° 20' 11"	30.27		
443			499193.12	1283791.22
	44° 25' 22"	60.38		
444			499236.24	1283833.48
	56° 00' 18"	75.05		
445			499278.2	1283895.7
	53° 25' 40"	31.94		
446			499297.23	1283921.35
	27° 27' 35"	57.86		
447			499348.57	1283948.03
	26° 40' 10"	22.1		
448			499368.32	1283957.95
	26° 22' 58"	14.06		
449			499380.92	1283964.2
	28° 40' 54"	20.59		
450			499398.98	1283974.08
	33° 57' 03"	24.98		
451			499419.7	1283988.03
	45° 57' 32"	46.89		
452			499452.3	1284021.74
	52° 45' 40"	45.97		
453			499480.12	1284058.34
	51° 35' 08"	20.78		
454			499493.03	1284074.62
	40° 30' 24"	9.84		
455			499500.51	1284081.01
	51° 45' 41"	160.42		
456			499599.8	1284207.01
	35° 34' 19"	65.87		
457			499653.38	1284245.33
	39° 01' 04"	14.25		
458			499664.45	1284254.3
	56° 09' 02"	331.79		
459			499849.26	1284529.85
	35° 13' 00"	57.26		
460			499896.04	1284562.87
	66° 35' 37"	66.96		
461			499922.64	1284624.32

	28° 00' 20"	53.9		
462			499970.23	1284649.63
	52° 19' 10"	80.42		
463			500019.39	1284713.28
	55° 14' 48"	305.17		
464			500193.35	1284964.01
	54° 51' 50"	59.23		
465			500227.44	1285012.45
	71° 00' 11"	112.19		
466			500263.96	1285118.53
	70° 36' 47"	46.81		
467			500279.5	1285162.69
	70° 37' 09"	26.25		
468			500288.21	1285187.45
	83° 28' 25"	138.04		
469			500303.9	1285324.6
	83° 11' 31"	66.81		
470			500311.82	1285390.94
	59° 52' 02"	142.15		
471			500383.18	1285513.88
	59° 28' 01"	94.93		
472			500431.41	1285595.65
	41° 44' 13"	245.72		
473			500614.77	1285759.23
	287° 33' 54"	239.31		
474			500686.99	1285531.08
	283° 32' 11"	343.29		
475			500767.34	1285197.33
	63° 26' 15"	96.74		
476			500810.6	1285283.86
	58° 27' 34"	229.09		
477			500930.44	1285479.11
	68° 10' 10"	11		
478			500934.53	1285489.32
	57° 24' 24"	10.43		
479			500940.15	1285498.11
	70° 32' 35"	13.12		
480			500944.52	1285510.48
	57° 18' 19"	362.32		
481			501140.23	1285815.39
	57° 35' 59"	507.53		
482			501412.18	1286243.91
	57° 19' 54"	320.6		
483			501585.23	1286513.79
	352° 59' 20"	388.16		
484			501970.49	1286466.41
	65° 43' 00"	100.43		

485			502011.79	1286557.95
	113° 11' 17"	64.38		
486			501986.44	1286617.13
	102° 37' 44"	57.68		
487			501973.83	1286673.41
	20° 07' 21"	73.45		
488			502042.8	1286698.68
	24° 52' 13"	109.02		
489			502141.71	1286744.53
	24° 19' 17"	266.4		
490			502384.47	1286854.25
	108° 00' 16"	223.43		
491			502315.41	1287066.74
	97° 18' 49"	111.47		
492			502301.22	1287177.3
	95° 11' 41"	139.93		
493			502288.55	1287316.66
	75° 43' 44"	161.53		
494			502328.37	1287473.21
	81° 52' 47"	33.42		
495			502333.09	1287506.29
	87° 48' 51"	377.79		
496			502347.5	1287883.81
	73° 17' 58"	161.32		
497			502393.86	1288038.33
	72° 03' 48"	374.62		
498			502509.23	1288394.74
	45° 43' 15"	405.74		
499			502792.5	1288685.23
	37° 05' 44"	730.97		
500			503375.54	1289126.11
	35° 24' 27"	209.79		
501			503546.53	1289247.66
	353° 49' 03"	248.67		
502			503793.75	1289220.88
	9° 07' 00"	253.52		
503			504044.07	1289261.05
	3° 59' 27"	44.4		
504			504088.36	1289264.14
	0° 22' 11"	159.66		
505			504248.02	1289265.17
	15° 38' 25"	80.23		
506			504325.28	1289286.8
	69° 47' 58"	232.69		
507			504405.63	1289505.18
	65° 56' 40"	126.34		
508			504457.13	1289620.55

	66° 28' 35"	190.99		
509			504533.36	1289795.67
	67° 00' 11"	384.94		
510			504683.75	1290150.02
	66° 34' 13"	336.8		
511			504817.67	1290459.05
	64° 59' 06"	238.71		
512			504918.61	1290675.37
	69° 04' 51"	571.23		
513			505122.57	1291208.95
	66° 52' 16"	669.6		
514			505385.59	1291824.73
	67° 26' 00"	375.32		
515			505529.62	1292171.31
	67° 25' 54"	298.11		
516			505644.03	1292446.59
	108° 26' 54"	13.65		
517			505639.71	1292459.54
	103° 05' 02"	55.31		
518			505627.19	1292513.41
	57° 40' 00"	216.92		
519			505743.21	1292696.7
	68° 42' 01"	407.99		
520			505891.41	1293076.82
	69° 35' 30"	133.06		
521			505937.81	1293201.53
	115° 42' 09"	68.92		
522			505907.92	1293263.63
	39° 57' 34"	139.71		
523			506015.01	1293353.36
	40° 43' 35"	670.57		
524			506523.19	1293790.87
	322° 15' 28"	111.66		
525			506611.49	1293722.52
	344° 05' 38"	30.03		
526			506640.37	1293714.29
	345° 50' 50"	139.42		
527			506775.56	1293680.2
	98° 53' 05"	240.6		
528			506738.4	1293917.91
	98° 49' 04"	197.73		
529			506708.09	1294113.3
	98° 36' 12"	169.66		
530			506682.71	1294281.05
	97° 07' 38"	198.43		
531			506658.09	1294477.95
	97° 48' 24"	83.71		

532			506646.72	1294560.88
	99° 11' 07"	227.84		
533			506610.35	1294785.8
	99° 57' 47"	279.34		
534			506562.02	1295060.93
	160° 49' 44"	2.95		
535			506559.23	1295061.9
	100° 16' 03"	145.64		
536			506533.27	1295205.21
	4° 24' 36"	3.9		
537			506537.16	1295205.51
	99° 43' 39"	1.78		
538			506536.86	1295207.26
	4° 31' 22"	36.14		
539			506572.89	1295210.11
	99° 42' 31"	175.88		
540			506543.23	1295383.47
	93° 40' 28"	2.18		
541			506543.09	1295385.65
	94° 26' 09"	26.12		
542			506541.07	1295411.69
	24° 15' 50"	2.9		
543			506543.71	1295412.88
	92° 17' 26"	0.75		
544			506543.68	1295413.63
	97° 25' 53"	46.62		
545			506537.65	1295459.86
	23° 25' 16"	82.12		
546			506613	1295492.5
	56° 27' 59"	71.1		
547			506652.28	1295551.77
	20° 40' 38"	115.18		
548			506760.04	1295592.44
	46° 29' 29"	48.63		
549			506793.52	1295627.71
	22° 09' 43"	126.64		
550			506910.8	1295675.48
	5° 14' 17"	61.89		
551			506972.43	1295681.13
	13° 37' 01"	146.46		
552			507114.77	1295715.61
	124° 43' 10"	159.16		
553			507024.12	1295846.43
	116° 33' 54"	52.97		
554			507000.43	1295893.81
	128° 19' 37"	56.47		
555			506965.41	1295938.11

	113° 57' 45"	60.87		
556			506940.69	1295993.73
	127° 09' 57"	80.15		
557			506892.27	1296057.6
	108° 41' 47"	70.69		
558			506869.61	1296124.56
	87° 55' 03"	56.69		
559			506871.67	1296181.21
	94° 23' 54"	94.02		
560			506864.46	1296274.95
	80° 32' 16"	31.33		
561			506869.61	1296305.85
	0° 00' 00"	47.39		
562			506869.61	1296353.24
	75° 27' 56"	28.73		
563			506876.82	1296381.05
	79° 16' 20"	99.6		
564			506895.36	1296478.91
	67° 53' 26"	35.58		
565			506908.75	1296511.87
	66° 58' 06"	231.7		
566			506999.4	1296725.1
	97° 45' 51"	68.62		
567			506990.13	1296793.09
	91° 19' 56"	44.3		
568			506989.1	1296837.38
	149° 26' 49"	99.28		
569			506903.6	1296887.85
	72° 43' 19"	48.55		
570			506918.02	1296934.21
	92° 43' 35"	21.65		
571			506916.99	1296955.84
	138° 00' 46"	41.57		
572			506886.09	1296983.65
	94° 45' 42"	24.82		
573			506884.03	1297008.38
	66° 48' 05"	23.53		
574			506893.3	1297030.01
	24° 46' 11"	44.25		
575			506933.48	1297048.55
	64° 26' 24"	26.26		
576			506944.81	1297072.24
	38° 39' 35"	19.79		
577			506960.26	1297084.6
	74° 21' 28"	26.74		
578			506967.47	1297110.35
	41° 46' 17"	38.67		

579			506996.31	1297136.11
	79° 22' 49"	33.53		
580			507002.49	1297169.07
	57° 12' 02"	55.14		
581			507032.36	1297215.42
	98° 25' 26"	28.12		
582			507028.24	1297243.24
	70° 42' 36"	21.83		
583			507035.45	1297263.84
	104° 18' 01"	54.21		
584			507022.06	1297316.37
	98° 12' 43"	100.96		
585			507007.64	1297416.29
	66° 25' 54"	105.64		
586			507049.88	1297513.12
	85° 34' 15"	146.71		
587			507061.21	1297659.39
	98° 07' 43"	58.28		
588			507052.97	1297717.08
	67° 09' 59"	21.23		
589			507061.21	1297736.65
	50° 00' 47"	41.67		
590			507087.99	1297768.58
	0° 00' 00"	15.45		
591			507087.99	1297784.03
	9° 57' 20"	452.85		
592			507534.02	1297862.32
	9° 41' 59"	654.19		
593			508178.86	1297972.54
	8° 31' 48"	124.99		
594			508302.47	1297991.08
	99° 33' 33"	601.69		
595			508202.55	1298584.42
	99° 21' 14"	424.28		
596			508133.59	1299003.06
	10° 23' 19"	752.36		
597			508873.62	1299138.73
	10° 44' 41"	127.02		
598			508998.41	1299162.41
	11° 27' 05"	132.72		
599			509128.49	1299188.76
	85° 54' 44"	313.54		
600			509150.84	1299501.5
	85° 39' 54"	508		
601			509189.24	1300008.05
	118° 56' 14"	477.67		
602			508958.12	1300426.08

	118° 54' 31"	597		
603			508669.52	1300948.69
	118° 58' 35"	409.99		
604			508470.9	1301307.36
	118° 46' 28"	491.63		
605			508234.25	1301738.28
	195° 11' 29"	163.75		
606			508076.22	1301695.37
	195° 17' 37"	133.53		
607			507947.42	1301660.15
	194° 43' 56"	133.97		
608			507817.85	1301626.08
	193° 27' 15"	81.4		
609			507738.68	1301607.14
	193° 23' 11"	98.14		
610			507643.21	1301584.42
	193° 37' 47"	144.62		
611			507502.66	1301550.34
	194° 06' 38"	50.41		
612			507453.77	1301538.05
	193° 54' 40"	43.3		
613			507411.74	1301527.64
	169° 17' 25"	142.65		
614			507271.57	1301554.15
	186° 12' 20"	283.91		
615			506989.32	1301523.46
	189° 44' 38"	93.36		
616			506897.31	1301507.66
	146° 27' 41"	121.7		
617			506795.87	1301574.9
	139° 24' 17"	115.92		
618			506707.85	1301650.33
	144° 46' 51"	74.42		
619			506647.05	1301693.25
	144° 46' 51"	36.38		
620			506617.33	1301714.23
	144° 46' 53"	52.82		
621			506574.18	1301744.69
	144° 50' 01"	0.54		
622			506573.74	1301745
	151° 49' 05"	95.41		
623			506489.64	1301790.06
	205° 12' 24"	32.45		
624			506460.28	1301776.24
	216° 24' 25"	6.44		
625			506455.1	1301772.42
	216° 44' 26"	0.89		

626			506454.39	1301771.89
	216° 26' 48"	18.68		
627			506439.36	1301760.79
	231° 26' 43"	26.39		
628			506422.91	1301740.15
	261° 25' 44"	39.32		
629			506417.05	1301701.27
	261° 16' 05"	61.52		
630			506407.71	1301640.46
	254° 42' 47"	41.23		
631			506396.84	1301600.69
	230° 30' 50"	42.02		
632			506370.12	1301568.26
	194° 26' 30"	33.24		
633			506337.93	1301559.97
	188° 12' 09"	54.74		
634			506283.75	1301552.16
	205° 51' 52"	46.08		
635			506242.29	1301532.06
	233° 19' 38"	55.22		
636			506209.31	1301487.77
	225° 42' 40"	41.03		
637			506180.66	1301458.4
	231° 26' 19"	79.2		
638			506131.29	1301396.47
	237° 08' 04"	76.33		
639			506089.87	1301332.36
	247° 17' 48"	60.16		
640			506066.65	1301276.86
	247° 47' 22"	100.66		
641			506028.6	1301183.67
	253° 16' 48"	97.53		
642			506000.54	1301090.26
	251° 10' 49"	82.86		
643			505973.81	1301011.83
	248° 37' 00"	171.47		
644			505911.29	1300852.16
	235° 33' 26"	13.93		
645			505903.41	1300840.67
	211° 03' 15"	10.86		
646			505894.11	1300835.07
	183° 35' 00"	85.44		
647			505808.84	1300829.73
	182° 56' 38"	111.96		
648			505697.03	1300823.98
	183° 29' 52"	133.42		
649			505563.86	1300815.84

	183° 52' 52"	287.2		
650			505277.32	1300796.4
	185° 00' 41"	12.48		
651			505264.89	1300795.31
	184° 38' 10"	197.34		
652			505068.2	1300779.36
	184° 42' 28"	101.49		
653			504967.05	1300771.03
	184° 50' 54"	92.76		
654			504874.62	1300763.19
	188° 48' 06"	1.57		
655			504873.07	1300762.95
	188° 45' 42"	2.82		
656			504870.28	1300762.52
	189° 16' 37"	99.62		
657			504771.96	1300746.46
	189° 04' 19"	55.24		
658			504717.41	1300737.75
	201° 10' 00"	135.29		
659			504591.25	1300688.9
	200° 41' 42"	121.08		
660			504477.98	1300646.11
	199° 25' 48"	150.25		
661			504336.29	1300596.13
	199° 37' 13"	120.61		
662			504222.68	1300555.63
	199° 38' 12"	11.31		
663			504212.03	1300551.83
	201° 27' 22"	16.02		
664			504197.12	1300545.97
	201° 27' 49"	142.33		
665			504064.66	1300493.89
	197° 59' 58"	39.93		
666			504026.68	1300481.55
	198° 00' 04"	40.93		
667			503987.75	1300468.9
	195° 14' 54"	51.82		
668			503937.75	1300455.27
	193° 40' 22"	59.27		
669			503880.16	1300441.26
	187° 31' 28"	43.61		
670			503836.93	1300435.55
	187° 31' 54"	22.89		
671			503814.24	1300432.55
	186° 00' 34"	94.09		
672			503720.67	1300422.7
	186° 57' 33"	84.35		

673			503636.94	1300412.48
	187° 17' 33"	95.48		
674			503542.23	1300400.36
	185° 23' 12"	68.49		
675			503474.04	1300393.93
	184° 43' 03"	78.31		
676			503396	1300387.49
	184° 05' 14"	106.35		
677			503289.92	1300379.91
	183° 08' 47"	82.71		
678			503207.33	1300375.37
	185° 25' 17"	76.1		
679			503131.57	1300368.18
	183° 35' 19"	121.1		
680			503010.71	1300360.6
	184° 22' 08"	64.59		
681			502946.31	1300355.68
	183° 30' 57"	111.21		
682			502835.31	1300348.86
	184° 11' 46"	93.07		
683			502742.49	1300342.05
	182° 40' 33"	97.47		
684			502645.13	1300337.5
	183° 54' 55"	94.17		
685			502551.18	1300331.07
	183° 52' 09"	106.7		
686			502444.72	1300323.87
	184° 06' 50"	89.63		
687			502355.32	1300317.44
	183° 14' 14"	127.5		
688			502228.02	1300310.24
	184° 37' 19"	16.13		
689			502211.94	1300308.94
	185° 29' 49"	115.77		
690			502096.7	1300297.85
	132° 09' 37"	61.8		
691			502055.22	1300343.66
	116° 48' 58"	51.01		
692			502032.21	1300389.18
	144° 26' 50"	26.62		
693			502010.55	1300404.66
	161° 17' 22"	33.54		
694			501978.78	1300415.42
	133° 04' 42"	33.53		
695			501955.88	1300439.91
	137° 31' 22"	13.82		
696			501945.69	1300449.24

	130° 11' 00"	30.48		
697			501926.02	1300472.53
	130° 37' 23"	8.52		
698			501920.47	1300479
	358° 48' 18"	8.63		
699			501929.1	1300478.82
	8° 57' 15"	9.64		
700			501938.62	1300480.32
	52° 16' 58"	8.92		
701			501944.08	1300487.38
	78° 51' 04"	4.19		
702			501944.89	1300491.49
	79° 04' 46"	18.47		
703			501948.39	1300509.63
	64° 41' 29"	11.63		
704			501953.36	1300520.14
	37° 52' 30"	7.75		
705			501959.48	1300524.9
	19° 44' 26"	6.66		
706			501965.75	1300527.15
	5° 45' 48"	12.95		
707			501978.63	1300528.45
	21° 10' 48"	5.48		
708			501983.74	1300530.43
	24° 58' 45"	10.99		
709			501993.7	1300535.07
	83° 12' 56"	18.37		
710			501995.87	1300553.31
	70° 47' 29"	3.98		
711			501997.18	1300557.07
	61° 48' 12"	5.97		
712			502000	1300562.33
	15° 48' 41"	10.57		
713			502010.17	1300565.21
	29° 18' 57"	11.93		
714			502020.57	1300571.05
	66° 19' 53"	21.77		
715			502029.31	1300590.99
	53° 35' 01"	1.52		
716			502030.21	1300592.21
	53° 34' 29"	11.86		
717			502037.25	1300601.75
	357° 31' 58"	11.15		
718			502048.39	1300601.27
	345° 47' 44"	11.57		
719			502059.61	1300598.43
	1° 36' 02"	6.8		

720			502066.41	1300598.62
	26° 33' 54"	4.83		
721			502070.73	1300600.78
	37° 38' 58"	21.17		
722			502087.49	1300613.71
	49° 53' 06"	11.38		
723			502094.82	1300622.41
	57° 57' 44"	11.25		
724			502100.79	1300631.95
	56° 29' 01"	3.66		
725			502102.81	1300635
	89° 22' 26"	7.32		
726			502102.89	1300642.32
	117° 57' 20"	13.82		
727			502096.41	1300654.53
	99° 42' 57"	30.1		
728			502091.33	1300684.2
	41° 30' 08"	11.24		
729			502099.75	1300691.65
	63° 45' 31"	4.75		
730			502101.85	1300695.91
	84° 46' 25"	25.91		
731			502104.21	1300721.71
	91° 47' 07"	15.73		
732			502103.72	1300737.43
	69° 34' 33"	12.21		
733			502107.98	1300748.87
	31° 14' 09"	13.73		
734			502119.72	1300755.99
	43° 12' 26"	9.04		
735			502126.31	1300762.18
	25° 54' 14"	5.43		
736			502131.19	1300764.55
	24° 32' 47"	6.48		
737			502137.08	1300767.24
	17° 22' 44"	10.98		
738			502147.56	1300770.52
	33° 49' 34"	5.84		
739			502152.41	1300773.77
	49° 39' 42"	10.88		
740			502159.45	1300782.06
	65° 43' 01"	4.72		
741			502161.39	1300786.36
	7° 35' 59"	7.49		
742			502168.81	1300787.35
	31° 19' 22"	28.2		
743			502192.9	1300802.01

	43° 58' 07"	8.64		
744			502199.12	1300808.01
	62° 22' 57"	5.11		
745			502201.49	1300812.54
	82° 15' 41"	16.56		
746			502203.72	1300828.95
	44° 05' 05"	11.07		
747			502211.67	1300836.65
	86° 21' 47"	20.02		
748			502212.94	1300856.63
	88° 58' 37"	1.68		
749			502212.97	1300858.31
	49° 09' 35"	2.34		
750			502214.5	1300860.08
	0° 51' 18"	0.67		
751			502215.17	1300860.09
	353° 24' 23"	18.99		
752			502234.03	1300857.91
	9° 57' 29"	14.63		
753			502248.44	1300860.44
	33° 08' 08"	1.72		
754			502249.88	1300861.38
	33° 06' 41"	1.65		
755			502251.26	1300862.28
	33° 04' 50"	3.39		
756			502254.1	1300864.13
	50° 01' 36"	8.31		
757			502259.44	1300870.5
	20° 27' 50"	10.18		
758			502268.98	1300874.06
	20° 26' 17"	3.98		
759			502272.71	1300875.45
	3° 03' 38"	13.86		
760			502286.55	1300876.19
	30° 52' 21"	11.85		
761			502296.72	1300882.27
	58° 20' 02"	15.39		
762			502304.8	1300895.37
	59° 03' 21"	19.97		
763			502315.07	1300912.5
	83° 58' 26"	12.29		
764			502316.36	1300924.72
	68° 48' 04"	2.3		
765			502317.19	1300926.86
	68° 51' 14"	2.27		
766			502318.01	1300928.98
	49° 05' 56"	15.33		

767			502328.05	1300940.57
	72° 25' 39"	6.72		
768			502330.08	1300946.98
	48° 29' 50"	15.65		
769			502340.45	1300958.7
	22° 05' 34"	10.95		
770			502350.6	1300962.82
	12° 51' 29"	9.44		
771			502359.8	1300964.92
	34° 30' 19"	8.97		
772			502367.19	1300970
	50° 00' 14"	1.54		
773			502368.18	1300971.18
	55° 35' 13"	11.43		
774			502374.64	1300980.61
	33° 35' 55"	36.52		
775			502405.06	1301000.82
	36° 52' 12"	4.7		
776			502408.82	1301003.64
	53° 20' 51"	17.39		
777			502419.2	1301017.59
	53° 12' 17"	1.54		
778			502420.12	1301018.82
	53° 23' 35"	2.62		
779			502421.68	1301020.92
	75° 35' 24"	1.49		
780			502422.05	1301022.36
	75° 42' 23"	1.62		
781			502422.45	1301023.93
	74° 30' 22"	27.36		
782			502429.76	1301050.3
	55° 23' 38"	14.23		
783			502437.84	1301062.01
	47° 51' 45"	1.42		
784			502438.79	1301063.06
	44° 41' 50"	10.71		
785			502446.4	1301070.59
	29° 05' 19"	16.35		
786			502460.69	1301078.54
	12° 21' 21"	18.69		
787			502478.95	1301082.54
	36° 31' 28"	7.63		
788			502485.08	1301087.08
	69° 51' 17"	12.08		
789			502489.24	1301098.42
	3° 15' 00"	63.5		
790			502552.64	1301102.02

	16° 00' 04"	33.88		
791			502585.21	1301111.36
	17° 49' 08"	12.06		
792			502596.69	1301115.05
	27° 49' 29"	18.51		
793			502613.06	1301123.69
	68° 23' 29"	4.97		
794			502614.89	1301128.31
	41° 06' 24"	8.85		
795			502621.56	1301134.13
	22° 49' 09"	13.49		
796			502633.99	1301139.36
	12° 33' 14"	17.25		
797			502650.83	1301143.11
	19° 27' 56"	12.48		
798			502662.6	1301147.27
	44° 53' 25"	14.76		
799			502673.06	1301157.69
	33° 21' 20"	8.55		
800			502680.2	1301162.39
	41° 28' 09"	13.89		
801			502690.61	1301171.59
	24° 40' 01"	14.04		
802			502703.37	1301177.45
	8° 12' 28"	19.82		
803			502722.99	1301180.28
	8° 11' 15"	9.9		
804			502732.79	1301181.69
	16° 42' 22"	31.66		
805			502763.11	1301190.79
	25° 39' 29"	32.77		
806			502792.65	1301204.98
	1° 20' 00"	12.89		
807			502805.54	1301205.28
	9° 23' 10"	8.65		
808			502814.07	1301206.69
	339° 10' 25"	16.37		
809			502829.37	1301200.87
	357° 51' 26"	21.39		
810			502850.75	1301200.07
	340° 58' 36"	25.56		
811			502874.91	1301191.74
	341° 02' 06"	6.15		
812			502880.73	1301189.74
	14° 05' 29"	30.27		
813			502910.09	1301197.11
	29° 40' 52"	27.89		

814			502934.32	1301210.92
	33° 42' 55"	25.22		
815			502955.3	1301224.92
	51° 41' 30"	20.87		
816			502968.24	1301241.3
	29° 42' 57"	12.21		
817			502978.84	1301247.35
	10° 43' 56"	10.31		
818			502988.97	1301249.27
	354° 45' 28"	9.74		
819			502998.67	1301248.38
	326° 27' 46"	9.36		
820			503006.47	1301243.21
	350° 59' 54"	6.14		
821			503012.53	1301242.25
	319° 25' 22"	25.86		
822			503032.17	1301225.43
	333° 07' 16"	16.32		
823			503046.73	1301218.05
	349° 54' 52"	20.1		
824			503066.52	1301214.53
	13° 04' 00"	14.33		
825			503080.48	1301217.77
	45° 16' 45"	8.71		
826			503086.61	1301223.96
	90° 55' 54"	9.84		
827			503086.45	1301233.8
	81° 56' 42"	9.71		
828			503087.81	1301243.41
	46° 05' 44"	19.97		
829			503101.66	1301257.8
	26° 29' 24"	23.92		
830			503123.07	1301268.47
	359° 53' 35"	10.72		
831			503133.79	1301268.45
	340° 18' 32"	6.2		
832			503139.63	1301266.36
	342° 30' 18"	38.55		
833			503176.4	1301254.77
	2° 01' 37"	15.55		
834			503191.94	1301255.32
	74° 03' 39"	12.49		
835			503195.37	1301267.33
	94° 56' 45"	1.04		
836			503195.28	1301268.37
	94° 28' 32"	18.33		
837			503193.85	1301286.64

	87° 25' 41"	25.41		
838			503194.99	1301312.02
	101° 18' 48"	32.83		
839			503188.55	1301344.21
	120° 49' 47"	18.34		
840			503179.15	1301359.96
	106° 13' 37"	70.75		
841			503159.38	1301427.89
	105° 24' 46"	90.87		
842			503135.23	1301515.49
	133° 17' 17"	66.27		
843			503089.79	1301563.73
	100° 52' 58"	40.25		
844			503082.19	1301603.26
	100° 50' 48"	5.58		
845			503081.14	1301608.74
	100° 52' 10"	29.86		
846			503075.51	1301638.06
	90° 58' 00"	157.65		
847			503072.85	1301795.69
	80° 01' 28"	76.72		
848			503086.14	1301871.25
	80° 02' 21"	7.75		
849			503087.48	1301878.88
	84° 24' 41"	69.62		
850			503094.26	1301948.17
	84° 24' 56"	29.8		
851			503097.16	1301977.83
	60° 13' 15"	156.02		
852			503174.65	1302113.25
	50° 18' 15"	18.05		
853			503186.18	1302127.14
	50° 19' 09"	71.78		
854			503232.01	1302182.38
	127° 24' 19"	11.98		
855			503224.73	1302191.9
	127° 24' 36"	53.05		
856			503192.5	1302234.04
	56° 50' 39"	3.27		
857			503194.29	1302236.78
	56° 51' 55"	7.15		
858			503198.2	1302242.77
	43° 08' 14"	210.56		
859			503351.85	1302386.74
	97° 07' 30"	4.35		
860			503351.31	1302391.06
	97° 11' 00"	228.96		

861			503322.68	1302618.22
	45° 02' 59"	105.93		
862			503397.52	1302693.19
	154° 30' 03"	171.87		
863			503242.39	1302767.18
	145° 40' 34"	96.76		
864			503162.48	1302821.74
	138° 59' 07"	61.04		
865			503116.42	1302861.8
	124° 45' 13"	29.73		
866			503099.47	1302886.23
	151° 28' 55"	152.75		
867			502965.25	1302959.16
	148° 00' 11"	78.28		
868			502898.86	1303000.64
	146° 38' 08"	102.44		
869			502813.3	1303056.98
	149° 11' 33"	213.88		
870			502629.6	1303166.52
	37° 43' 17"	37.28		
871			502659.09	1303189.33
	37° 44' 31"	47.57		
872			502696.71	1303218.45
	38° 00' 00"	184.34		
873			502841.97	1303331.94
	38° 35' 22"	180.3		
874			502982.9	1303444.4
	38° 15' 06"	171.26		
875			503117.39	1303550.43
	39° 32' 30"	33.9		
876			503143.53	1303572.01
	36° 41' 54"	135.61		
877			503252.26	1303653.05
	36° 48' 30"	178.86		
878			503395.46	1303760.21
	37° 10' 19"	193.03		
879			503549.27	1303876.84
	37° 23' 18"	48.63		
880			503587.91	1303906.37
	156° 45' 48"	29.58		
881			503560.73	1303918.04
	156° 47' 04"	4.44		
882			503556.65	1303919.79
	156° 55' 50"	9.31		
883			503548.08	1303923.44
	156° 27' 59"	48.29		
884			503503.81	1303942.72

	151° 13' 54"	13.03		
885			503492.39	1303948.99
	151° 12' 12"	87.63		
886			503415.6	1303991.2
	151° 10' 38"	37.69		
887			503382.58	1304009.37
	152° 16' 41"	157.92		
888			503242.79	1304082.83
	152° 00' 51"	115.44		
889			503140.85	1304137
	152° 09' 05"	96.03		
890			503055.94	1304181.86
	152° 09' 08"	59.13		
891			503003.66	1304209.48
	152° 07' 07"	9.34		
892			502995.4	1304213.85
	150° 54' 05"	30.35		
893			502968.88	1304228.61
	149° 29' 45"	157.41		
894			502833.26	1304308.51
	149° 54' 42"	127.42		
895			502723.01	1304372.39
	149° 11' 21"	48.2		
896			502681.61	1304397.08
	149° 51' 53"	139.61		
897			502560.87	1304467.17
	149° 52' 14"	176.53		
898			502408.19	1304555.78
	149° 32' 39"	83.18		
899			502336.49	1304597.94
	149° 28' 06"	31.16		
900			502309.65	1304613.77
	150° 37' 25"	31.64		
901			502282.08	1304629.29
	150° 21' 54"	327.58		
902			501997.35	1304791.27
	150° 26' 23"	0.77		
903			501996.68	1304791.65
	150° 22' 13"	59.3		
904			501945.13	1304820.97
	150° 43' 34"	91.41		
905			501865.39	1304865.67
	135° 20' 32"	228.49		
906			501702.86	1305026.27
	134° 48' 04"	22.42		
907			501687.06	1305042.18
	134° 48' 56"	516.17		

908			501323.25	1305408.34
	132° 35' 50"	361.3		
909			501078.71	1305674.3
	132° 35' 52"	69.68		
910			501031.55	1305725.59
	131° 06' 48"	180.47		
911			500912.88	1305861.56
	111° 40' 30"	243.06		
912			500823.11	1306087.43
	119° 59' 37"	57.73		
913			500794.25	1306137.43
	143° 26' 02"	34.71		
914			500766.37	1306158.11
	141° 18' 07"	86.39		
915			500698.95	1306212.12
	107° 08' 37"	23.71		
916			500691.96	1306234.78
	91° 36' 07"	42.93		
917			500690.76	1306277.69
	81° 05' 14"	52.8		
918			500698.94	1306329.85
	109° 59' 36"	14.18		
919			500694.09	1306343.18
	110° 02' 32"	2.48		
920			500693.24	1306345.51
	109° 56' 36"	4.93		
921			500691.56	1306350.14
	168° 11' 18"	19.93		
922			500672.05	1306354.22
	191° 15' 56"	63.32		
923			500609.95	1306341.85
	173° 43' 15"	46.63		
924			500563.6	1306346.95
	146° 09' 49"	53.18		
925			500519.43	1306376.56
	96° 07' 01"	51.61		
926			500513.93	1306427.88
	97° 57' 07"	44.6		
927			500507.76	1306472.05
	101° 28' 03"	42.75		
928			500499.26	1306513.95
	96° 16' 09"	37.36		
929			500495.18	1306551.09
	97° 12' 37"	50.91		
930			500488.79	1306601.6
	112° 25' 27"	48		
931			500470.48	1306645.97

	117° 06' 08"	35.3		
932			500454.4	1306677.39
	117° 06' 53"	5.59		
933			500451.85	1306682.37
	158° 42' 23"	29.55		
934			500424.32	1306693.1
	168° 22' 50"	19.61		
935			500405.11	1306697.05
	171° 40' 53"	27.1		
936			500378.3	1306700.97
	147° 21' 37"	18		
937			500363.14	1306710.68
	85° 41' 56"	28.8		
938			500365.3	1306739.4
	88° 44' 50"	37.51		
939			500366.12	1306776.9
	113° 50' 00"	22.99		
940			500356.83	1306797.93
	108° 13' 04"	65.89		
941			500336.23	1306860.52
	104° 53' 54"	55.93		
942			500321.85	1306914.57
	103° 44' 47"	30.22		
943			500314.67	1306943.92
	118° 44' 35"	34.12		
944			500298.26	1306973.84
	116° 50' 15"	47.05		
945			500277.02	1307015.82
	99° 38' 39"	64.77		
946			500266.17	1307079.67
	124° 26' 45"	15.98		
947			500257.13	1307092.85
	160° 11' 23"	45.06		
948			500214.74	1307108.12
	160° 10' 27"	14.33		
949			500201.26	1307112.98
	135° 29' 57"	21.91		
950			500185.63	1307128.34
	118° 33' 09"	59.19		
951			500157.34	1307180.33
	121° 25' 01"	49.65		
952			500131.46	1307222.7
	173° 05' 45"	46.67		
953			500085.13	1307228.31
	165° 09' 17"	51.36		
954			500035.48	1307241.47
	137° 39' 57"	89.09		

955			499969.62	1307301.47
	120° 44' 55"	146.2		
956			499894.87	1307427.12
	119° 50' 15"	126.68		
957			499831.84	1307537.01
	104° 29' 25"	69.78		
958			499814.38	1307604.57
	85° 44' 46"	32.76		
959			499816.81	1307637.24
	116° 30' 35"	36.97		
960			499800.31	1307670.32
	137° 18' 17"	39.04		
961			499771.62	1307696.79
	86° 37' 24"	46.52		
962			499774.36	1307743.23
	145° 38' 28"	47.29		
963			499735.32	1307769.92
	101° 16' 28"	31.76		
964			499729.11	1307801.07
	85° 08' 05"	27.59		
965			499731.45	1307828.56
	113° 57' 06"	32.37		
966			499718.31	1307858.14
	121° 21' 49"	51.11		
967			499691.71	1307901.78
	97° 49' 58"	43.59		
968			499685.77	1307944.96
	115° 17' 37"	34.66		
969			499670.96	1307976.3
	146° 28' 42"	77.39		
970			499606.44	1308019.04
	149° 59' 16"	221.94		
971			499414.26	1308130.05
	173° 19' 33"	200.65		
972			499214.97	1308153.37
	167° 58' 22"	36.81		
973			499178.97	1308161.04
	163° 24' 30"	221.4		
974			498966.79	1308224.26
	184° 30' 32"	171.34		
975			498795.98	1308210.79
	187° 46' 12"	109.84		
976			498687.15	1308195.94
	191° 18' 10"	30.82		
977			498656.93	1308189.9
	80° 00' 14"	188.96		
978			498689.73	1308375.99

	80° 10' 09"	230.23		
979			498729.04	1308602.84
	19° 08' 01"	2.59		
980			498731.49	1308603.69
	19° 18' 02"	243.22		
981			498961.04	1308684.08
	38° 58' 14"	5.18		
982			498965.07	1308687.34
	39° 00' 32"	138.88		
983			499072.99	1308774.76
	52° 51' 37"	273.11		
984			499237.88	1308992.47
	50° 19' 24"	39.25		
985			499262.94	1309022.68
	348° 53' 13"	17.69		
986			499280.3	1309019.27
	348° 53' 25"	90.4		
987			499369.01	1309001.85
	79° 17' 08"	63.2		
988			499380.76	1309063.95
	162° 59' 54"	28.32		
989			499353.68	1309072.23
	71° 41' 01"	15.27		
990			499358.48	1309086.73
	71° 42' 32"	2.52		
991			499359.27	1309089.12
	71° 41' 47"	40.03		
992			499371.84	1309127.12
	71° 50' 50"	6.42		
993			499373.84	1309133.22
	76° 44' 43"	25.25		
994			499379.63	1309157.8
	76° 44' 56"	49.21		
995			499390.91	1309205.7
	76° 45' 24"	11.22		
996			499393.48	1309216.62
	168° 50' 21"	30.12		
997			499363.93	1309222.45
	168° 52' 18"	9.27		
998			499354.83	1309224.24
	159° 20' 35"	35.89		
999			499321.25	1309236.9
	87° 27' 34"	11.73		
1000			499321.77	1309248.62
	87° 29' 44"	84.67		
1001			499325.47	1309333.21
	87° 29' 37"	112.74		

1002			499330.4	1309445.84
	124° 28' 17"	264.46		
1003			499180.72	1309663.86
	149° 35' 26"	205.25		
1004			499003.71	1309767.75
	144° 56' 27"	47.6		
1005			498964.75	1309795.09
	186° 32' 22"	257.98		
1006			498708.45	1309765.71
	184° 18' 06"	17.2		
1007			498691.3	1309764.42
	184° 18' 17"	37.44		
1008			498653.97	1309761.61
	184° 21' 25"	2.11		
1009			498651.87	1309761.45
	83° 55' 23"	89.17		
1010			498661.31	1309850.12
	82° 52' 58"	64.41		
1011			498669.29	1309914.03
	82° 48' 42"	315.59		
1012			498708.78	1310227.14
	72° 01' 49"	540.23		
1013			498875.45	1310741.02
	70° 48' 04"	482.96		
1014			499034.27	1311197.12
	44° 26' 46"	29.99		
1015			499055.68	1311218.12
	69° 37' 43"	128.5		
1016			499100.41	1311338.58
	69° 03' 03"	158.95		
1017			499157.24	1311487.02
	84° 08' 00"	55.57		
1018			499162.92	1311542.3
	42° 22' 12"	608.98		
1019			499612.84	1311952.7
	172° 26' 18"	498.2		
1020			499118.97	1312018.26
	174° 03' 51"	142.83		
1021			498976.91	1312033.03
	173° 50' 27"	134.12		
1022			498843.56	1312047.42
	172° 47' 27"	113.95		
1023			498730.51	1312061.72
	173° 03' 50"	158.08		
1024			498573.59	1312080.81
	173° 18' 30"	411.84		
1025			498164.56	1312128.8

	173° 31' 31"	480.56		
1026			497687.07	1312182.99
	173° 15' 16"	0.94		
1027			497686.14	1312183.1
	172° 51' 20"	18.17		
1028			497668.11	1312185.36
	173° 02' 42"	25.93		
1029			497642.37	1312188.5
	172° 47' 19"	43.66		
1030			497599.06	1312193.98
	174° 19' 37"	111.17		
1031			497488.43	1312204.97
	174° 01' 10"	108.93		
1032			497380.09	1312216.32
	173° 29' 57"	46.9		
1033			497333.49	1312221.63
	174° 58' 29"	129.69		
1034			497204.3	1312232.99
	175° 21' 27"	229.19		
1035			496975.86	1312251.54
	176° 46' 48"	121.42		
1036			496854.63	1312258.36
	175° 38' 47"	84.57		
1037			496770.3	1312264.78
	175° 35' 49"	10.03		
1038			496760.3	1312265.55
	176° 03' 21"	19.92		
1039			496740.43	1312266.92
	176° 08' 03"	92.11		
1040			496648.53	1312273.13
	175° 46' 15"	112.82		
1041			496536.02	1312281.45
	176° 53' 16"	139.62		
1042			496396.61	1312289.03
	176° 58' 41"	42.87		
1043			496353.8	1312291.29
	175° 38' 36"	28.3		
1044			496325.58	1312293.44
	175° 39' 02"	52.61		
1045			496273.12	1312297.43
	175° 39' 24"	19.01		
1046			496254.16	1312298.87
	176° 56' 15"	113.43		
1047			496140.89	1312304.93
	177° 04' 31"	86.04		
1048			496054.96	1312309.32
	177° 01' 56"	7.34		

1049			496047.63	1312309.7
	176° 55' 21"	24.21		
1050			496023.45	1312311
	176° 34' 34"	113.86		
1051			495909.79	1312317.8
	176° 43' 07"	132.43		
1052			495777.58	1312325.38
	176° 33' 21"	126.01		
1053			495651.8	1312332.95
	176° 52' 41"	125.6		
1054			495526.39	1312339.79
	176° 33' 15"	69.04		
1055			495457.47	1312343.94
	175° 52' 51"	20.74		
1056			495436.78	1312345.43
	175° 55' 00"	112.2		
1057			495324.86	1312353.42
	176° 40' 03"	123.35		
1058			495201.72	1312360.59
	176° 49' 09"	122.55		
1059			495079.36	1312367.39
	176° 04' 59"	105.55		
1060			494974.06	1312374.6
	176° 57' 14"	21.64		
1061			494952.45	1312375.75
	176° 04' 01"	126.84		
1062			494825.91	1312384.45
	175° 31' 59"	121.59		
1063			494704.69	1312393.92
	175° 32' 52"	22.16		
1064			494682.6	1312395.64
	175° 28' 23"	35.6		
1065			494647.11	1312398.45
	174° 28' 11"	149.21		
1066			494498.59	1312412.83
	176° 07' 22"	140.49		
1067			494358.42	1312422.33
	175° 53' 34"	148.14		
1068			494210.66	1312432.94
	175° 36' 01"	44.45		
1069			494166.34	1312436.35
	117° 28' 34"	173.24		
1070			494086.41	1312590.05
	118° 29' 45"	136.58		
1071			494021.25	1312710.08
	118° 01' 07"	134.69		
1072			493957.98	1312828.98

	119° 09' 47"	48.74		
1073			493934.23	1312871.54
	118° 58' 27"	40.11		
1074			493914.8	1312906.63
	119° 20' 19"	147.68		
1075			493842.44	1313035.37
	120° 22' 28"	161.08		
1076			493760.99	1313174.34
	119° 04' 45"	147.32		
1077			493689.39	1313303.09
	118° 56' 43"	118.99		
1078			493631.8	1313407.22
	209° 37' 03"	161.67		
1079			493491.25	1313327.32
	210° 32' 54"	105.52		
1080			493400.38	1313273.69
	210° 00' 43"	578.25		
1081			492899.66	1312984.46
	211° 23' 21"	21.48		
1082			492881.32	1312973.27
	210° 00' 40"	143.07		
1083			492757.43	1312901.71
	209° 26' 58"	140.95		
1084			492634.69	1312832.41
	209° 37' 54"	132.5		
1085			492519.52	1312766.9
	209° 15' 12"	140.26		
1086			492397.15	1312698.36
	209° 31' 32"	78.37		
1087			492328.96	1312659.74
	113° 27' 58"	692.66		
1088			492053.14	1313295.11
	125° 16' 42"	43.13		
1089			492028.23	1313330.32
	122° 43' 31"	133.27		
1090			491956.18	1313442.44
	122° 29' 56"	205.18		
1091			491845.94	1313615.49
	123° 34' 39"	187.7		
1092			491742.13	1313771.87
	125° 19' 02"	119.27		
1093			491673.18	1313869.19
	124° 04' 22"	112.91		
1094			491609.92	1313962.72
	124° 16' 57"	218.6		
1095			491486.79	1314143.34
	124° 56' 47"	179.24		

1096			491384.12	1314290.26
	124° 48' 38"	130.07		
1097			491309.87	1314397.05
	126° 26' 29"	186.87		
1098			491198.87	1314547.38
	126° 13' 34"	171.8		
1099			491097.34	1314685.97
	126° 13' 50"	185.89		
1100			490987.47	1314835.92
	126° 59' 18"	122.78		
1101			490913.6	1314933.99
	126° 03' 37"	153.17		
1102			490823.44	1315057.81
	126° 16' 59"	50.39		
1103			490793.62	1315098.43
	126° 09' 13"	4		
1104			490791.26	1315101.66
	126° 08' 37"	125.29		
1105			490717.36	1315202.84
	126° 54' 39"	159.6		
1106			490621.51	1315330.45
	127° 47' 25"	157.64		
1107			490524.91	1315455.03
	127° 34' 22"	150.98		
1108			490432.85	1315574.69
	127° 50' 00"	169.25		
1109			490329.04	1315708.36
	128° 07' 53"	156.45		
1110			490232.44	1315831.42
	128° 01' 36"	162.96		
1111			490132.05	1315959.79
	129° 49' 09"	144.95		
1112			490039.23	1316071.12
	129° 30' 20"	159		
1113			489938.08	1316193.8
	129° 26' 46"	164.46		
1114			489833.59	1316320.8
	130° 06' 00"	54.06		
1115			489798.77	1316362.15
	130° 06' 20"	122.49		
1116			489719.86	1316455.84
	130° 27' 20"	209.01		
1117			489584.24	1316614.88
	129° 53' 12"	170.74		
1118			489474.75	1316745.89
	129° 44' 48"	160.56		
1119			489372.09	1316869.34

	129° 21' 39"	138.6		
1120			489284.19	1316976.5
	129° 45' 47"	155.17		
1121			489184.94	1317095.78
	130° 15' 20"	58.05		
1122			489147.43	1317140.08
	131° 08' 22"	134.75		
1123			489058.78	1317241.56
	131° 41' 44"	143.53		
1124			488963.31	1317348.73
	130° 57' 11"	132.35		
1125			488876.56	1317448.69
	131° 26' 55"	81.85		
1126			488822.38	1317510.04
	132° 18' 51"	170.52		
1127			488707.59	1317636.13
	131° 41' 43"	185.1		
1128			488584.47	1317774.34
	131° 27' 02"	56.65		
1129			488546.97	1317816.8
	131° 12' 55"	25.6		
1130			488530.1	1317836.06
	131° 22' 03"	82.25		
1131			488475.74	1317897.79
	133° 47' 45"	151.08		
1132			488371.18	1318006.84
	132° 47' 42"	63.59		
1133			488327.98	1318053.5
	132° 47' 27"	21.46		
1134			488313.4	1318069.25
	132° 47' 58"	45.67		
1135			488282.37	1318102.76
	135° 07' 18"	33.26		
1136			488258.8	1318126.23
	135° 12' 30"	1.94		
1137			488257.42	1318127.6
	132° 38' 19"	194.27		
1138			488125.83	1318270.51
	132° 38' 58"	196.9		
1139			487992.43	1318415.33
	132° 44' 59"	34.58		
1140			487968.96	1318440.72
	164° 48' 39"	161.75		
1141			487812.86	1318483.1
	165° 12' 36"	175.14		
1142			487643.52	1318527.81
	165° 57' 06"	148.02		

1143			487499.93	1318563.74
	165° 41' 31"	118.07		
1144			487385.52	1318592.92
	165° 51' 59"	107.05		
1145			487281.71	1318619.06
	108° 22' 51"	97.33		
1146			487251.02	1318711.42
	108° 40' 50"	118.02		
1147			487213.22	1318823.22
	111° 10' 08"	251		
1148			487122.58	1319057.28
	107° 28' 10"	40.54		
1149			487110.41	1319095.95
	112° 14' 48"	70.97		
1150			487083.54	1319161.64
	109° 38' 07"	393.5		
1151			486951.31	1319532.26
	119° 15' 43"	42.39		
1152			486930.59	1319569.24
	138° 26' 32"	105.4		
1153			486851.72	1319639.16
	136° 51' 22"	173.35		
1154			486725.24	1319757.7
	137° 36' 38"	172.63		
1155			486597.74	1319874.08
	136° 16' 51"	104.08		
1156			486522.52	1319946.01
	138° 41' 57"	175.69		
1157			486390.53	1320061.97
	138° 51' 00"	225.05		
1158			486221.07	1320210.06
	138° 51' 05"	178.86		
1159			486086.39	1320327.75
	140° 47' 27"	522.12		
1160			485681.83	1320657.81
	139° 54' 31"	465.34		
1161			485325.84	1320957.49
	140° 44' 31"	16.75		
1162			485312.87	1320968.09
	139° 26' 08"	145.47		
1163			485202.36	1321062.69
	141° 18' 14"	354.71		
1164			484925.52	1321284.45
	141° 30' 02"	166.83		
1165			484794.96	1321388.3
	139° 55' 39"	68.99		
1166			484742.17	1321432.71

	139° 57' 56"	4.17		
1167			484738.98	1321435.39
	139° 26' 18"	17.27		
1168			484725.86	1321446.62
	139° 27' 55"	25.25		
1169			484706.67	1321463.03
	143° 17' 57"	617.65		
1170			484211.46	1321832.16
	143° 17' 58"	64.27		
1171			484159.93	1321870.57
	142° 13' 28"	539.17		
1172			483733.76	1322200.85
	140° 13' 01"	143.25		
1173			483623.68	1322292.51
	149° 29' 26"	91.73		
1174			483544.65	1322339.08
	155° 54' 06"	79.6		
1175			483471.99	1322371.58
	158° 22' 58"	88.41		
1176			483389.8	1322404.15
	160° 56' 39"	22.18		
1177			483368.84	1322411.39
	159° 52' 53"	377.01		
1178			483014.83	1322541.07
	158° 11' 20"	612.95		
1179			482445.76	1322768.81
	270° 45' 26"	6.81		
1180			482445.85	1322762
	292° 25' 23"	77.21		
1181			482475.3	1322690.63
	268° 05' 43"	51.15		
1182			482473.6	1322639.51
	291° 45' 57"	68.9		
1183			482499.15	1322575.52
	285° 08' 34"	78.25		
1184			482519.59	1322499.99
	303° 49' 20"	93.89		
1185			482571.85	1322421.99
	285° 29' 28"	80.05		
1186			482593.23	1322344.85
	306° 31' 33"	34.98		
1187			482614.05	1322316.74
	290° 14' 26"	135.19		
1188			482660.82	1322189.9
	294° 19' 18"	82.26		
1189			482694.7	1322114.94
	267° 57' 04"	47.55		

1190			482693	1322067.42
	247° 21' 36"	63.18		
1191			482668.68	1322009.11
	264° 45' 40"	46.77		
1192			482664.41	1321962.54
	279° 59' 02"	100.77		
1193			482681.88	1321863.3
	273° 43' 18"	25.57		
1194			482683.54	1321837.78
	255° 52' 17"	36.13		
1195			482674.72	1321802.74
	204° 07' 03"	21.78		
1196			482654.84	1321793.84
	220° 11' 30"	53.4		
1197			482614.05	1321759.38
	237° 44' 34"	24.84		
1198			482600.79	1321738.37
	261° 46' 39"	35.1		
1199			482595.77	1321703.63
	262° 47' 14"	27.56		
1200			482592.31	1321676.29
	216° 08' 05"	21.2		
1201			482575.19	1321663.79
	202° 11' 59"	41.95		
1202			482536.35	1321647.94
	216° 25' 45"	25.48		
1203			482515.85	1321632.81
	204° 59' 18"	13.33		
1204			482503.77	1321627.18
	191° 55' 18"	39.31		
1205			482465.31	1321619.06
	222° 09' 27"	20.25		
1206			482450.3	1321605.47
	233° 29' 33"	33.52		
1207			482430.36	1321578.53
	233° 31' 31"	22.04		
1208			482417.26	1321560.81
	208° 00' 47"	30.08		
1209			482390.7	1321546.68
	194° 19' 17"	72.12		
1210			482320.82	1321528.84
	214° 28' 49"	30.36		
1211			482295.79	1321511.65
	223° 24' 02"	44.08		
1212			482263.76	1321481.36
	232° 10' 05"	55.99		
1213			482229.42	1321437.14

	223° 22' 49"	26.02		
1214			482210.51	1321419.27
	204° 11' 46"	25.64		
1215			482187.12	1321408.76
	182° 46' 30"	19.62		
1216			482167.52	1321407.81
	204° 26' 31"	116.25		
1217			482061.69	1321359.71
	196° 35' 02"	45.72		
1218			482017.87	1321346.66
	203° 23' 39"	42.29		
1219			481979.06	1321329.87
	195° 36' 08"	14.91		
1220			481964.7	1321325.86
	192° 51' 55"	49.85		
1221			481916.1	1321314.76
	312° 58' 28"	80.63		
1222			481971.06	1321255.77
	305° 32' 22"	37.21		
1223			481992.69	1321225.49
	291° 55' 47"	95.3		
1224			482028.28	1321137.09
	311° 36' 13"	93.81		
1225			482090.57	1321066.94
	277° 21' 01"	44.48		
1226			482096.26	1321022.83
	263° 44' 20"	123.42		
1227			482082.8	1320900.15
	301° 23' 37"	86.39		
1228			482127.8	1320826.41
	275° 14' 19"	16.43		
1229			482129.3	1320810.05
	254° 28' 07"	51.31		
1230			482115.56	1320760.61
	261° 10' 44"	15.13		
1231			482113.24	1320745.66
	244° 10' 02"	12.6		
1232			482107.75	1320734.32
	250° 40' 38"	17.35		
1233			482102.01	1320717.95
	242° 42' 40"	27.61		
1234			482089.35	1320693.41
	238° 56' 29"	30.08		
1235			482073.83	1320667.64
	235° 10' 39"	31.85		
1236			482055.64	1320641.49
	223° 23' 23"	29.19		

1237			482034.43	1320621.44
	220° 50' 32"	29.65		
1238			482012	1320602.05
	223° 53' 44"	37.79		
1239			481984.77	1320575.85
	234° 40' 37"	40.97		
1240			481961.08	1320542.42
	241° 43' 19"	45.93		
1241			481939.32	1320501.97
	263° 35' 32"	48.65		
1242			481933.89	1320453.62
	281° 43' 04"	62.53		
1243			481946.59	1320392.39
	276° 20' 45"	66.77		
1244			481953.97	1320326.03
	265° 37' 58"	64.48		
1245			481949.06	1320261.74
	255° 00' 08"	142.67		
1246			481912.14	1320123.93
	275° 21' 53"	122.47		
1247			481923.59	1320002
	291° 48' 51"	58.1		
1248			481945.18	1319948.06
	267° 21' 10"	76.21		
1249			481941.66	1319871.93
	253° 12' 07"	29.45		
1250			481933.15	1319843.74
	245° 12' 28"	49.44		
1251			481912.42	1319798.86
	238° 13' 34"	96.55		
1252			481861.58	1319716.78
	254° 51' 17"	29.7		
1253			481853.82	1319688.11
	267° 16' 30"	22.08		
1254			481852.77	1319666.05
	255° 58' 33"	23.03		
1255			481847.19	1319643.71
	209° 36' 35"	43.11		
1256			481809.71	1319622.41
	220° 37' 25"	36.05		
1257			481782.35	1319598.94
	244° 48' 59"	52.5		
1258			481760.01	1319551.43
	237° 05' 13"	25.16		
1259			481746.34	1319530.31
	225° 56' 35"	52.85		
1260			481709.59	1319492.33

	239° 42' 29"	44.17		
1261			481687.31	1319454.19
	247° 54' 18"	57.61		
1262			481665.64	1319400.81
	261° 29' 39"	64.7		
1263			481656.07	1319336.82
	259° 22' 29"	76.47		
1264			481641.97	1319261.66
	244° 42' 45"	76.01		
1265			481609.5	1319192.93
	236° 41' 01"	91.87		
1266			481559.04	1319116.16
	230° 33' 37"	57.36		
1267			481522.6	1319071.86
	251° 45' 26"	33		
1268			481512.27	1319040.52
	274° 45' 12"	27.51		
1269			481514.55	1319013.1
	265° 06' 03"	23.89		
1270			481512.51	1318989.3
	253° 55' 39"	31.61		
1271			481503.76	1318958.93
	240° 38' 48"	143.23		
1272			481433.55	1318834.09
	236° 51' 26"	42.98		
1273			481410.05	1318798.1
	244° 24' 52"	43.69		
1274			481391.18	1318758.69
	160° 36' 24"	36.11		
1275			481357.12	1318770.68
	164° 19' 43"	469.01		
1276			480905.54	1318897.37
	159° 02' 22"	344.04		
1277			480584.27	1319020.44
	158° 16' 22"	259.14		
1278			480343.54	1319116.37
	158° 38' 24"	183.24		
1279			480172.89	1319183.11
	158° 26' 08"	108.15		
1280			480072.31	1319222.86
	158° 32' 24"	65.14		
1281			480011.69	1319246.69
	160° 12' 02"	125.23		
1282			479893.86	1319289.11
	158° 03' 35"	103.33		
1283			479798.01	1319327.72
	158° 29' 49"	149.83		

1284			479658.61	1319382.64
	158° 08' 34"	76.34		
1285			479587.76	1319411.06
	159° 15' 48"	112.21		
1286			479482.82	1319450.79
	158° 45' 58"	73.69		
1287			479414.13	1319477.48
	159° 49' 05"	69.71		
1288			479348.7	1319501.53
	158° 23' 19"	82.3		
1289			479272.19	1319531.84
	158° 38' 01"	125.71		
1290			479155.12	1319577.64
	157° 34' 49"	79.5		
1291			479081.63	1319607.96
	157° 01' 26"	37.86		
1292			479046.77	1319622.74
	160° 00' 02"	104		
1293			478949.04	1319658.31
	158° 55' 47"	122.22		
1294			478834.99	1319702.25
	160° 27' 36"	66.73		
1295			478772.1	1319724.57
	139° 36' 34"	120.37		
1296			478680.42	1319802.57
	142° 49' 00"	72.74		
1297			478622.47	1319846.53
	139° 12' 54"	139.11		
1298			478517.14	1319937.4
	140° 42' 19"	62.17		
1299			478469.03	1319976.77
	140° 21' 12"	121.04		
1300			478375.83	1320054
	138° 35' 44"	72.73		
1301			478321.28	1320102.1
	138° 29' 20"	57.17		
1302			478278.47	1320139.99
	127° 46' 45"	49.28		
1303			478248.28	1320178.94
	127° 48' 40"	70.01		
1304			478205.36	1320234.25
	130° 00' 27"	126.1		
1305			478124.29	1320330.84
	130° 08' 22"	138.7		
1306			478034.88	1320436.87
	130° 10' 05"	142.71		
1307			477942.83	1320545.92

	128° 11' 14"	51.5		
1308			477910.99	1320586.4
	129° 11' 13"	129.51		
1309			477829.16	1320686.78
	130° 26' 01"	100.45		
1310			477764.01	1320763.24
	130° 24' 48"	140.24		
1311			477673.09	1320870.02
	128° 53' 42"	73.01		
1312			477627.25	1320926.84
	128° 30' 21"	139.35		
1313			477540.49	1321035.89
	130° 33' 55"	86.51		
1314			477484.23	1321101.61
	169° 55' 08"	196.35		
1315			477290.91	1321135.98
	169° 55' 15"	93.14		
1316			477199.21	1321152.28
	169° 15' 40"	127.3		
1317			477074.14	1321176
	170° 50' 56"	63.88		
1318			477011.07	1321186.16
	170° 55' 06"	5.2		
1319			477005.94	1321186.98
	170° 09' 02"	117.27		
1320			476890.4	1321207.04
	169° 25' 53"	22.74		
1321			476868.05	1321211.21
	171° 46' 52"	129.76		
1322			476739.62	1321229.76
	171° 55' 12"	56.63		
1323			476683.55	1321237.72
	171° 23' 58"	141.76		
1324			476543.38	1321258.92
	172° 11' 14"	16.85		
1325			476526.69	1321261.21
	170° 31' 54"	574.88		
1326			475959.64	1321355.78
	184° 28' 42"	8.84		
1327			475950.83	1321355.09
	160° 31' 08"	30.14		
1328			475922.42	1321365.14
	157° 26' 02"	352.89		
1329			475596.55	1321500.56
	118° 41' 53"	32.32		
1330			475581.03	1321528.91
	157° 35' 11"	136.09		

1331			475455.22	1321580.8
	220° 13' 55"	15.48		
1332			475443.4	1321570.8
	155° 50' 15"	601.6		
1333			474894.51	1321817.05
	162° 56' 11"	145.35		
1334			474755.56	1321859.7
	159° 15' 17"	155.56		
1335			474610.09	1321914.8
	227° 08' 29"	43.15		
1336			474580.74	1321883.17
	235° 50' 32"	122.66		
1337			474511.87	1321781.67
	245° 30' 09"	301.82		
1338			474386.72	1321507.02
	234° 31' 26"	47.52		
1339			474359.14	1321468.32
	222° 42' 25"	41		
1340			474329.01	1321440.51
	201° 34' 50"	42.88		
1341			474289.14	1321424.74
	197° 35' 48"	50.58		
1342			474240.93	1321409.45
	206° 04' 44"	24.25		
1343			474219.15	1321398.79
	243° 25' 35"	30.07		
1344			474205.7	1321371.9
	226° 44' 06"	32.46		
1345			474183.45	1321348.26
	206° 05' 21"	49.55		
1346			474138.95	1321326.47
	212° 28' 11"	30.21		
1347			474113.46	1321310.25
	198° 01' 00"	19.5		
1348			474094.92	1321304.22
	172° 59' 05"	56.99		
1349			474038.36	1321311.18
	216° 16' 18"	17.24		
1350			474024.46	1321300.98
	229° 00' 06"	79.84		
1351			473972.08	1321240.72
	217° 50' 23"	71.02		
1352			473915.99	1321197.15
	211° 52' 42"	129.91		
1353			473805.67	1321128.54
	266° 57' 19"	627.53		
1354			473772.34	1320501.9

	266° 24' 19"	70.5		
1355			473767.92	1320431.54
	266° 55' 36"	266.54		
1356			473753.63	1320165.38
	266° 38' 14"	418.52		
1357			473729.08	1319747.58
	267° 01' 45"	38.78		
1358			473727.07	1319708.85
	269° 04' 30"	212.46		
1359			473723.64	1319496.42
	267° 39' 43"	26.47		
1360			473722.56	1319469.97
	268° 39' 16"	176.73		
1361			473718.41	1319293.29
	17° 15' 53"	310.93		
1362			474015.33	1319385.57
	296° 30' 14"	75.32		
1363			474048.94	1319318.17
	304° 34' 13"	188.86		
1364			474156.1	1319162.66
	208° 09' 55"	133.55		
1365			474038.36	1319099.62
	200° 45' 35"	47.09		
1366			473994.33	1319082.93
	215° 40' 17"	35.38		
1367			473965.59	1319062.3
	235° 34' 19"	55.34		
1368			473934.3	1319016.65
	220° 42' 30"	28.44		
1369			473912.74	1318998.1
	224° 41' 33"	30.31		
1370			473891.19	1318976.78
	202° 44' 04"	41.97		
1371			473852.48	1318960.56
	185° 50' 32"	43.33		
1372			473809.38	1318956.15
	194° 02' 03"	65.94		
1373			473745.41	1318940.16
	189° 20' 39"	54.26		
1374			473691.87	1318931.35
	192° 43' 08"	81.03		
1375			473612.83	1318913.51
	200° 52' 09"	84.58		
1376			473533.8	1318883.38
	210° 22' 19"	249.84		
1377			473318.25	1318757.06
	213° 28' 12"	130.68		

1378			473209.24	1318684.99
	193° 20' 25"	46.72		
1379			473163.78	1318674.21
	186° 31' 29"	69.96		
1380			473094.27	1318666.26
	185° 01' 30"	127.64		
1381			472967.12	1318655.08
	203° 02' 37"	59.19		
1382			472912.65	1318631.91
	185° 01' 17"	102.82		
1383			472810.22	1318622.91
	243° 01' 26"	25.55		
1384			472798.63	1318600.14
	243° 01' 36"	254.2		
1385			472683.33	1318373.59
	242° 31' 06"	391.95		
1386			472502.46	1318025.87
	239° 57' 59"	168.83		
1387			472417.96	1317879.71
	242° 15' 04"	321.44		
1388			472268.3	1317595.24
	245° 50' 20"	34.86		
1389			472254.03	1317563.43
	242° 33' 09"	61.27		
1390			472225.79	1317509.06
	243° 05' 20"	20.72		
1391			472216.41	1317490.58
	243° 35' 40"	36.97		
1392			472199.97	1317457.47
	241° 46' 49"	15.33		
1393			472192.72	1317443.96
	244° 08' 02"	87.61		
1394			472154.5	1317365.13
	240° 42' 01"	204.24		
1395			472054.55	1317187.02
	240° 49' 18"	44.04		
1396			472033.08	1317148.57
	252° 35' 54"	857.23		
1397			471776.71	1316330.57
	226° 08' 41"	99.46		
1398			471707.8	1316258.85
	216° 53' 07"	96.43		
1399			471630.67	1316200.97
	206° 46' 47"	23.88		
1400			471609.35	1316190.21
	240° 35' 56"	43.2		
1401			471588.14	1316152.57

	229° 08' 53"	65.2		
1402			471545.49	1316103.25
	235° 01' 19"	50.47		
1403			471516.56	1316061.9
	233° 35' 51"	83.34		
1404			471467.1	1315994.82
	212° 16' 53"	31.25		
1405			471440.68	1315978.13
	220° 56' 54"	83.46		
1406			471377.64	1315923.43
	205° 27' 36"	21.56		
1407			471358.17	1315914.16
	182° 26' 08"	65.42		
1408			471292.81	1315911.38
	185° 41' 07"	107.61		
1409			471185.73	1315900.72
	198° 06' 03"	75.35		
1410			471114.11	1315877.31
	197° 47' 00"	64.5		
1411			471052.69	1315857.61
	181° 32' 53"	95.5		
1412			470957.22	1315855.03
	149° 55' 02"	42.05		
1413			470920.83	1315876.11
	135° 21' 27"	52.11		
1414			470883.75	1315912.73
	144° 14' 06"	33.71		
1415			470856.4	1315932.43
	160° 08' 25"	66.26		
1416			470794.08	1315954.94
	171° 51' 31"	94.06		
1417			470700.97	1315968.26
	161° 53' 50"	102.5		
1418			470603.54	1316000.11
	165° 18' 48"	36.96		
1419			470567.79	1316009.48
	156° 18' 28"	67.99		
1420			470505.53	1316036.8
	164° 17' 34"	50.24		
1421			470457.17	1316050.4
	172° 41' 32"	42.77		
1422			470414.75	1316055.84
	155° 08' 21"	60.3		
1423			470360.04	1316081.19
	175° 49' 24"	30.07		
1424			470330.05	1316083.38
	160° 29' 29"	34.77		

1425			470297.28	1316094.99
	159° 39' 32"	29		
1426			470270.09	1316105.07
	175° 59' 24"	31.32		
1427			470238.85	1316107.26
	155° 18' 41"	31.41		
1428			470210.31	1316120.38
	169° 11' 10"	48.93		
1429			470162.25	1316129.56
	167° 40' 43"	85.43		
1430			470078.79	1316147.79
	149° 30' 55"	48.41		
1431			470037.07	1316172.35
	179° 12' 26"	67.22		
1432			469969.86	1316173.28
	208° 40' 45"	56.01		
1433			469920.72	1316146.4
	171° 15' 10"	42.68		
1434			469878.54	1316152.89
	181° 47' 45"	29.67		
1435			469848.88	1316151.96
	202° 27' 17"	37.62		
1436			469814.11	1316137.59
	180° 00' 00"	47.75		
1437			469766.36	1316137.59
	182° 24' 30"	55.21		
1438			469711.2	1316135.27
	198° 33' 27"	88.61		
1439			469627.2	1316107.07
	202° 31' 10"	36.01		
1440			469593.94	1316093.28
	225° 21' 29"	40.73		
1441			469565.32	1316064.3
	253° 34' 22"	28.25		
1442			469557.33	1316037.2
	247° 08' 55"	29.9		
1443			469545.72	1316009.65
	238° 24' 25"	130.07		
1444			469477.58	1315898.86
	262° 52' 24"	82.22		
1445			469467.38	1315817.28
	245° 30' 53"	45.84		
1446			469448.38	1315775.56
	232° 13' 48"	41.63		
1447			469422.88	1315742.65
	240° 41' 39"	112.69		
1448			469367.72	1315644.38

	238° 04' 08"	37.68		
1449			469347.79	1315612.4
	233° 47' 07"	32.18		
1450			469328.78	1315586.44
	276° 10' 24"	34.5		
1451			469332.49	1315552.14
	285° 50' 55"	39.03		
1452			469343.15	1315514.59
	278° 46' 59"	57.7		
1453			469351.96	1315457.57
	297° 34' 55"	35.03		
1454			469368.18	1315426.52
	271° 27' 05"	18.56		
1455			469368.65	1315407.97
	241° 54' 21"	85.64		
1456			469328.32	1315332.42
	257° 43' 32"	32.74		
1457			469321.36	1315300.43
	264° 02' 34"	31.22		
1458			469318.12	1315269.38
	294° 41' 07"	63.26		
1459			469344.54	1315211.9
	276° 38' 11"	20.07		
1460			469346.86	1315191.96
	237° 10' 27"	34.2		
1461			469328.32	1315163.22
	259° 35' 43"	23.09		
1462			469324.15	1315140.51
	288° 46' 31"	24.48		
1463			469332.03	1315117.33
	316° 26' 14"	26.22		
1464			469351.03	1315099.26
	292° 34' 14"	44.68		
1465			469368.18	1315058
	360° 00' 00"	31.98		
1466			469368.18	1315026.02
	253° 56' 01"	41.01		
1467			469356.83	1314986.61
	237° 22' 55"	30.54		
1468			469340.37	1314960.89
	258° 29' 48"	26.73		
1469			469335.04	1314934.7
	281° 57' 24"	15.64		
1470			469338.28	1314919.4
	312° 46' 42"	21.16		
1471			469352.65	1314903.87
	298° 51' 12"	18.26		

1472			469361.46	1314887.88
	255° 16' 13"	46.49		
1473			469349.64	1314842.92
	234° 06' 37"	21.75		
1474			469336.89	1314825.3
	276° 54' 54"	13.54		
1475			469338.52	1314811.86
	293° 34' 02"	17.96		
1476			469345.7	1314795.4
	314° 14' 55"	37.2		
1477			469371.66	1314768.75
	360° 00' 00"	12.52		
1478			469371.66	1314756.23
	240° 02' 59"	17.65		
1479			469362.85	1314740.94
	216° 40' 33"	13.58		
1480			469351.96	1314732.83
	252° 24' 11"	185.53		
1481			469295.87	1314555.98
	244° 43' 10"	36.9		
1482			469280.11	1314522.61
	231° 17' 45"	92.66		
1483			469222.17	1314450.3
	222° 54' 59"	27.23		
1484			469202.23	1314431.76
	198° 27' 13"	29.32		
1485			469174.42	1314422.48
	273° 48' 51"	20.9		
1486			469175.81	1314401.63
	258° 53' 08"	26.46		
1487			469170.71	1314375.67
	268° 44' 12"	20.87		
1488			469170.25	1314354.81
	269° 07' 45"	61.2		
1489			469169.32	1314293.62
	262° 34' 21"	43.01		
1490			469163.76	1314250.97
	241° 53' 20"	46.25		
1491			469141.97	1314210.18
	280° 06' 17"	38.42		
1492			469148.71	1314172.36
	281° 11' 19"	234.13		
1493			469194.14	1313942.68
	282° 06' 42"	522.46		
1494			469303.76	1313431.85
	277° 22' 56"	245.39		
1495			469335.29	1313188.49

	276° 23' 18"	364.52		
1496			469375.85	1312826.23
	283° 51' 54"	20.28		
1497			469380.71	1312806.54
	284° 30' 00"	403.63		
1498			469481.77	1312415.77
	193° 48' 16"	749.89		
1499			468753.54	1312236.84
	203° 25' 40"	394.04		
1500			468391.98	1312080.17
	274° 39' 45"	602.67		
1501			468440.97	1311479.49
	273° 28' 22"	18.98		
1502			468442.12	1311460.54
	272° 22' 01"	11.38		
1503			468442.59	1311449.17
	272° 23' 00"	454.5		
1504			468461.49	1310995.06
	273° 13' 52"	575.71		
1505			468493.94	1310420.27
	271° 45' 56"	677.1		
1506			468514.8	1309743.49
	272° 24' 47"	586.65		
1507			468539.5	1309157.36
	266° 41' 20"	100.08		
1508			468533.72	1309057.45
	259° 33' 47"	26.39		
1509			468528.94	1309031.5
	259° 32' 41"	288.98		
1510			468476.5	1308747.32
	261° 23' 20"	7.41		
1511			468475.39	1308739.99
	262° 04' 44"	80.98		
1512			468464.23	1308659.78
	260° 38' 43"	181.92		
1513			468434.66	1308480.28
	259° 04' 58"	221.18		
1514			468392.77	1308263.1
	344° 26' 22"	265.23		
1515			468648.28	1308191.95
	324° 10' 48"	130.44		
1516			468754.05	1308115.61
	255° 39' 46"	349.35		
1517			468667.54	1307777.14
	254° 10' 05"	911.34		
1518			468418.91	1306900.37
	334° 10' 08"	250.99		

1519			468644.82	1306791.01
	232° 52' 42"	509.93		
1520			468337.07	1306384.41
	230° 41' 18"	79.33		
1521			468286.81	1306323.03
	195° 45' 49"	63.17		
1522			468226.02	1306305.87
	194° 17' 38"	50.71		
1523			468176.88	1306293.35
	206° 27' 43"	114.43		
1524			468074.44	1306242.36
	194° 48' 21"	41.72		
1525			468034.11	1306231.7
	197° 41' 25"	56.44		
1526			467980.34	1306214.55
	185° 23' 27"	133.16		
1527			467847.77	1306202.04
	174° 54' 54"	26.06		
1528			467821.81	1306204.35
	163° 40' 01"	28.02		
1529			467794.92	1306212.23
	181° 04' 25"	98.75		
1530			467696.19	1306210.38
	176° 11' 16"	41.81		
1531			467654.47	1306213.16
	166° 13' 48"	83.02		
1532			467573.84	1306232.92
	152° 59' 01"	168.61		
1533			467423.63	1306309.51
	148° 37' 51"	53.56		
1534			467377.9	1306337.39
	183° 41' 11"	63.61		
1535			467314.42	1306333.3
	201° 42' 00"	829.14		
1536			466544.04	1306026.73
	201° 34' 33"	336.14		
1537			466231.45	1305903.12
	168° 26' 39"	201.42		
1538			466034.11	1305943.47
	170° 05' 34"	8.89		
1539			466025.35	1305945
	256° 15' 04"	1424.73		
1540			465686.74	1304561.09
	189° 22' 16"	1053.32		
1541			464647.48	1304389.58
	192° 10' 26"	781.63		
1542			463883.43	1304224.75

	299° 32' 23"	926.85		
1543			464340.39	1303418.38
	296° 48' 52"	495.3		
1544			464563.82	1302976.34
	300° 18' 17"	67.54		
1545			464597.9	1302918.03
	18° 29' 32"	293.53		
1546			464876.27	1303011.13
	19° 06' 38"	105.65		
1547			464976.1	1303045.72
	303° 29' 28"	158.13		
1548			465063.36	1302913.84
	270° 14' 42"	95.92		
1549			465063.77	1302817.92
	280° 58' 29"	41.23		
1550			465071.62	1302777.44
	273° 04' 04"	25.79		
1551			465073	1302751.69
	302° 54' 17"	59.7		
1552			465105.43	1302701.57
	277° 30' 14"	73.74		
1553			465115.06	1302628.46
	294° 26' 25"	37.99		
1554			465130.78	1302593.87
	276° 09' 08"	53.19		
1555			465136.48	1302540.99
	309° 30' 04"	36.16		
1556			465159.48	1302513.09
	288° 22' 04"	107.9		
1557			465193.48	1302410.69
	274° 22' 09"	59.33		
1558			465198	1302351.53
	279° 02' 35"	31.24		
1559			465202.91	1302320.68
	307° 01' 30"	45.05		
1560			465230.04	1302284.71
	267° 50' 38"	68.05		
1561			465227.48	1302216.71
	304° 32' 15"	18.38		
1562			465237.9	1302201.57
	268° 59' 10"	22.6		
1563			465237.5	1302178.97
	308° 52' 13"	41.65		
1564			465263.64	1302146.54
	276° 12' 29"	27.28		
1565			465266.59	1302119.42
	319° 19' 39"	66.35		

1566			465316.91	1302076.18
	334° 00' 57"	26.02		
1567			465340.3	1302064.78
	304° 30' 00"	34.34		
1568			465359.75	1302036.48
	281° 22' 16"	34.89		
1569			465366.63	1302002.27
	300° 15' 43"	38.22		
1570			465385.89	1301969.26
	327° 34' 22"	24.91		
1571			465406.92	1301955.9
	344° 55' 20"	31.75		
1572			465437.58	1301947.64
	358° 14' 44"	57.82		
1573			465495.37	1301945.87
	330° 29' 20"	30.71		
1574			465522.1	1301930.74
	305° 06' 46"	98.75		
1575			465578.9	1301849.96
	323° 25' 42"	30.34		
1576			465603.27	1301831.88
	340° 17' 26"	36.12		
1577			465637.27	1301819.7
	311° 45' 35"	27.15		
1578			465655.35	1301799.45
	306° 07' 08"	21.66		
1579			465668.12	1301781.95
	334° 25' 22"	25.94		
1580			465691.52	1301770.75
	355° 37' 01"	30.75		
1581			465722.18	1301768.4
	314° 05' 48"	53.37		
1582			465759.32	1301730.07
	303° 57' 22"	104.5		
1583			465817.69	1301643.39
	300° 25' 08"	38.06		
1584			465836.96	1301610.57
	306° 40' 06"	91.5		
1585			465891.6	1301537.18
	329° 51' 26"	54.46		
1586			465938.7	1301509.83
	350° 13' 03"	11.18		
1587			465949.72	1301507.93
	13° 58' 04"	77.1		
1588			466024.54	1301526.54
	344° 45' 50"	66.25		
1589			466088.46	1301509.13

	8° 54' 20"	68.86		
1590			466156.49	1301519.79
	358° 40' 48"	74.23		
1591			466230.7	1301518.08
	19° 21' 55"	33.11		
1592			466261.94	1301529.06
	347° 36' 13"	29.07		
1593			466290.33	1301522.82
	12° 41' 11"	37.06		
1594			466326.49	1301530.96
	353° 32' 12"	30.29		
1595			466356.59	1301527.55
	339° 43' 15"	44.81		
1596			466398.62	1301512.02
	16° 32' 43"	39.89		
1597			466436.86	1301523.38
	340° 30' 11"	35.15		
1598			466469.99	1301511.65
	345° 15' 53"	64.01		
1599			466531.89	1301495.37
	358° 54' 42"	60.02		
1600			466591.9	1301494.23
	11° 30' 02"	56.02		
1601			466646.8	1301505.4
	25° 42' 48"	57.16		
1602			466698.3	1301530.2
	47° 19' 59"	42.73		
1603			466727.26	1301561.62
	51° 01' 34"	85.47		
1604			466781.02	1301628.07
	70° 40' 36"	73.83		
1605			466805.45	1301697.74
	48° 39' 12"	31.52		
1606			466826.27	1301721.4
	4° 31' 48"	31.15		
1607			466857.32	1301723.86
	3° 59' 17"	32.64		
1608			466889.88	1301726.13
	28° 04' 40"	19.31		
1609			466906.92	1301735.22
	65° 13' 54"	29.81		
1610			466919.41	1301762.29
	91° 37' 25"	46.59		
1611			466918.09	1301808.86
	75° 21' 35"	47.16		
1612			466930.01	1301854.49
	79° 57' 55"	43.44		

1613			466937.58	1301897.27
	67° 03' 21"	76.26		
1614			466967.31	1301967.5
	78° 45' 43"	92.26		
1615			466985.29	1302057.99
	64° 24' 42"	76.87		
1616			467018.49	1302127.32
	66° 50' 30"	89.71		
1617			467053.77	1302209.8
	104° 19' 56"	123.9		
1618			467023.1	1302329.84
	78° 33' 59"	145.39		
1619			467051.92	1302472.34
	110° 09' 12"	106.72		
1620			467015.15	1302572.53
	103° 55' 09"	71.29		
1621			466998	1302641.73
	117° 50' 53"	63.52		
1622			466968.33	1302697.89
	86° 48' 40"	90.24		
1623			466973.35	1302787.99
	49° 59' 00"	129.59		
1624			467056.68	1302887.24
	57° 27' 21"	53.54		
1625			467085.48	1302932.37
	63° 44' 37"	30.72		
1626			467099.07	1302959.92
	83° 08' 08"	69.53		
1627			467107.38	1303028.95
	58° 31' 06"	92.56		
1628			467155.72	1303107.89
	36° 15' 19"	89.49		
1629			467227.88	1303160.81
	48° 32' 32"	34.68		
1630			467250.84	1303186.8
	61° 05' 14"	49.45		
1631			467274.75	1303230.09
	41° 26' 06"	72.09		
1632			467328.8	1303277.8
	60° 56' 04"	40.8		
1633			467348.62	1303313.46
	91° 54' 49"	72.77		
1634			467346.19	1303386.19
	95° 52' 04"	75.12		
1635			467338.51	1303460.92
	83° 30' 10"	47.1		
1636			467343.84	1303507.72

	63° 43' 36"	92.22		
1637			467384.66	1303590.41
	33° 09' 33"	52.07		
1638			467428.25	1303618.89
	6° 10' 55"	48.75		
1639			467476.72	1303624.14
	342° 00' 32"	92.27		
1640			467564.48	1303595.64
	356° 29' 26"	90.83		
1641			467655.14	1303590.08
	36° 02' 12"	55.14		
1642			467699.73	1303622.52
	354° 53' 05"	30.84		
1643			467730.45	1303619.77
	319° 33' 21"	47.09		
1644			467766.29	1303589.22
	15° 05' 32"	45.01		
1645			467809.75	1303600.94
	47° 50' 41"	39.04		
1646			467835.95	1303629.88
	351° 50' 11"	80		
1647			467915.14	1303618.52
	17° 25' 55"	100.98		
1648			468011.48	1303648.77
	308° 41' 40"	77.39		
1649			468059.86	1303588.37
	15° 25' 27"	114.75		
1650			468170.48	1303618.89
	15° 00' 41"	140.23		
1651			468305.92	1303655.21
	289° 09' 30"	591.6		
1652			468500.07	1303096.38
	288° 49' 13"	504.15		
1653			468662.71	1302619.18
	278° 56' 42"	11.83		
1654			468664.55	1302607.49
	288° 07' 24"	398.92		
1655			468788.64	1302228.36
	290° 23' 00"	486.36		
1656			468958.04	1301772.45
	290° 36' 53"	72.99		
1657			468983.74	1301704.13
	317° 11' 17"	5.37		
1658			468987.68	1301700.48
	290° 29' 51"	56.23		
1659			469007.37	1301647.81
	290° 31' 17"	31.01		

1660			469018.24	1301618.77
	290° 30' 32"	49.81		
1661			469035.69	1301572.12
	290° 15' 46"	20.13		
1662			469042.66	1301553.24
	290° 42' 56"	21.46		
1663			469050.25	1301533.17
	210° 30' 02"	47.31		
1664			469009.49	1301509.16
	196° 40' 22"	16.56		
1665			468993.63	1301504.41
	183° 41' 04"	10.58		
1666			468983.07	1301503.73
	186° 43' 57"	28.23		
1667			468955.03	1301500.42
	197° 01' 20"	26.17		
1668			468930.01	1301492.76
	201° 31' 32"	47.04		
1669			468886.25	1301475.5
	188° 43' 49"	16.34		
1670			468870.1	1301473.02
	192° 57' 34"	57.3		
1671			468814.26	1301460.17
	178° 33' 59"	111.12		
1672			468703.17	1301462.95
	188° 38' 05"	19.92		
1673			468683.48	1301459.96
	296° 29' 15"	251.16		
1674			468795.5	1301235.16
	296° 01' 54"	5.76		
1675			468798.03	1301229.98
	305° 45' 14"	0.31		
1676			468798.21	1301229.73
	295° 41' 48"	20.06		
1677			468806.91	1301211.65
	295° 53' 13"	39.67		
1678			468824.23	1301175.96
	296° 06' 50"	62.46		
1679			468851.72	1301119.88
	296° 01' 31"	2.85		
1680			468852.97	1301117.32
	296° 07' 10"	31.05		
1681			468866.64	1301089.44
	296° 56' 26"	439.52		
1682			469065.77	1300697.62
	298° 47' 59"	108.5		
1683			469118.04	1300602.54

	298° 47' 54"	176.28		
1684			469202.96	1300448.06
	296° 25' 52"	34.42		
1685			469218.28	1300417.24
	299° 19' 46"	23.09		
1686			469229.59	1300397.11
	298° 47' 39"	464.14		
1687			469453.15	1299990.36
	298° 54' 14"	144.76		
1688			469523.12	1299863.63
	300° 16' 21"	2.56		
1689			469524.41	1299861.42
	298° 54' 09"	60.75		
1690			469553.77	1299808.24
	309° 00' 27"	25.74		
1691			469569.97	1299788.24
	31° 48' 40"	711.16		
1692			470174.31	1300163.11
	19° 46' 51"	638.67		
1693			470775.29	1300379.25
	24° 28' 56"	318.96		
1694			471065.57	1300511.43
	24° 28' 44"	49.02		
1695			471110.18	1300531.74
	24° 29' 39"	42.57		
1696			471148.92	1300549.39
	303° 18' 41"	515.45		
1697			471432	1300118.63
	298° 43' 45"	478.13		
1698			471661.82	1299699.36
	28° 15' 03"	85.29		
1699			471736.95	1299739.73
	35° 39' 28"	99.27		
1700			471817.61	1299797.6
	18° 54' 16"	20.83		
1701			471837.32	1299804.35
	69° 13' 23"	16.1		
1702			471843.03	1299819.4
	48° 10' 53"	13.38		
1703			471851.95	1299829.37
	12° 40' 06"	20.93		
1704			471872.37	1299833.96
	2° 13' 13"	32.26		
1705			471904.61	1299835.21
	31° 34' 45"	21.23		
1706			471922.7	1299846.33
	47° 10' 57"	18.57		

1707			471935.32	1299859.95
	7° 03' 59"	29.1		
1708			471964.2	1299863.53
	24° 45' 26"	19.99		
1709			471982.35	1299871.9
	45° 40' 10"	35.1		
1710			472006.88	1299897.01
	65° 35' 48"	25.61		
1711			472017.46	1299920.33
	30° 26' 32"	31.09		
1712			472044.26	1299936.08
	6° 47' 44"	58.9		
1713			472102.75	1299943.05
	22° 29' 45"	42.29		
1714			472141.82	1299959.23
	37° 57' 26"	36.68		
1715			472170.74	1299981.79
	55° 09' 24"	24.94		
1716			472184.99	1300002.26
	42° 15' 34"	27.21		
1717			472205.13	1300020.56
	28° 15' 21"	27.59		
1718			472229.43	1300033.62
	20° 59' 51"	46.33		
1719			472272.68	1300050.22
	31° 58' 28"	51.23		
1720			472316.14	1300077.35
	40° 17' 06"	87.66		
1721			472383.01	1300134.03
	17° 38' 24"	152.92		
1722			472528.74	1300180.37
	29° 34' 01"	31.94		
1723			472556.52	1300196.13
	19° 15' 19"	143.37		
1724			472691.87	1300243.41
	27° 44' 31"	87.31		
1725			472769.14	1300284.05
	44° 20' 57"	71.6		
1726			472820.34	1300334.1
	22° 25' 38"	31.11		
1727			472849.1	1300345.97
	358° 19' 29"	33.86		
1728			472882.95	1300344.98
	347° 00' 07"	25.57		
1729			472907.86	1300339.23
	20° 44' 03"	64.01		
1730			472967.72	1300361.89

	0° 00' 00"	35.75		
1731			473003.47	1300361.89
	327° 17' 34"	33.31		
1732			473031.5	1300343.89
	320° 38' 31"	45.24		
1733			473066.48	1300315.2
	356° 49' 35"	25.47		
1734			473091.91	1300313.79
	318° 18' 01"	15.11		
1735			473103.19	1300303.74
	329° 22' 50"	33.97		
1736			473132.42	1300286.44
	352° 18' 12"	25.24		
1737			473157.43	1300283.06
	3° 01' 49"	49.94		
1738			473207.3	1300285.7
	18° 29' 09"	49.8		
1739			473254.53	1300301.49
	0° 33' 32"	39.99		
1740			473294.52	1300301.88
	341° 30' 07"	54.53		
1741			473346.23	1300284.58
	325° 38' 57"	60.11		
1742			473395.86	1300250.66
	341° 02' 09"	37.66		
1743			473431.48	1300238.42
	351° 17' 43"	29.47		
1744			473460.61	1300233.96
	324° 30' 48"	31.32		
1745			473486.11	1300215.78
	332° 54' 03"	115.12		
1746			473588.59	1300163.34
	0° 49' 20"	73.88		
1747			473662.46	1300164.4
	325° 54' 26"	16.18		
1748			473675.86	1300155.33
	298° 27' 50"	36.17		
1749			473693.1	1300123.53
	340° 38' 42"	59.08		
1750			473748.84	1300103.95
	316° 10' 17"	57.07		
1751			473790.01	1300064.43
	329° 54' 12"	38.19		
1752			473823.05	1300045.28
	352° 17' 43"	19.24		
1753			473842.12	1300042.7
	5° 29' 45"	27.88		

1754			473869.87	1300045.37
	337° 30' 43"	21.39		
1755			473889.63	1300037.19
	295° 48' 52"	35.85		
1756			473905.24	1300004.92
	306° 28' 22"	23.37		
1757			473919.13	1299986.13
	324° 49' 25"	23.42		
1758			473938.27	1299972.64
	290° 08' 03"	52.15		
1759			473956.22	1299923.68
	307° 51' 14"	40.76		
1760			473981.23	1299891.5
	285° 57' 41"	54.15		
1761			473996.12	1299839.44
	269° 30' 57"	29.58		
1762			473995.87	1299809.86
	252° 24' 31"	81.4		
1763			473971.27	1299732.27
	263° 24' 54"	59.21		
1764			473964.48	1299673.45
	276° 05' 24"	67.02		
1765			473971.59	1299606.81
	301° 37' 06"	55.09		
1766			474000.47	1299559.9
	316° 00' 52"	51.12		
1767			474037.25	1299524.4
	338° 11' 35"	38.93		
1768			474073.39	1299509.94
	14° 55' 46"	20.07		
1769			474092.78	1299515.11
	42° 45' 19"	21.85		
1770			474108.82	1299529.94
	12° 54' 14"	13.25		
1771			474121.74	1299532.9
	352° 44' 04"	10.12		
1772			474131.78	1299531.62
	322° 42' 54"	74.53		
1773			474191.08	1299486.47
	328° 59' 59"	18.85		
1774			474207.24	1299476.76
	341° 43' 57"	20.55		
1775			474226.75	1299470.32
	322° 24' 55"	21.48		
1776			474243.77	1299457.22
	313° 03' 52"	18.42		
1777			474256.35	1299443.76

	299° 49' 27"	18.8		
1778			474265.7	1299427.45
	268° 27' 52"	8.58		
1779			474265.47	1299418.87
	218° 00' 38"	4.82		
1780			474261.67	1299415.9
	306° 10' 42"	33.47		
1781			474281.43	1299388.88
	216° 41' 56"	37.52		
1782			474251.35	1299366.46
	353° 50' 02"	29.42		
1783			474280.6	1299363.3
	310° 40' 34"	40.7		
1784			474307.13	1299332.43
	294° 28' 18"	27.3		
1785			474318.44	1299307.58
	261° 37' 45"	19.85		
1786			474315.55	1299287.94
	230° 10' 59"	19.41		
1787			474303.12	1299273.03
	257° 23' 18"	14.24		
1788			474300.01	1299259.13
	307° 59' 41"	17.22		
1789			474310.61	1299245.56
	341° 02' 57"	46		
1790			474354.12	1299230.62
	316° 11' 35"	21.39		
1791			474369.56	1299215.81
	274° 07' 00"	21.03		
1792			474371.07	1299194.83
	248° 39' 40"	23.47		
1793			474362.53	1299172.97
	272° 47' 16"	26.11		
1794			474363.8	1299146.89
	301° 04' 19"	49.91		
1795			474389.56	1299104.14
	301° 06' 36"	6.72		
1796			474393.03	1299098.39
	283° 17' 16"	32.67		
1797			474400.54	1299066.59
	301° 51' 22"	29.73		
1798			474416.23	1299041.34
	330° 41' 43"	18.24		
1799			474432.14	1299032.41
	349° 52' 19"	29.57		
1800			474461.25	1299027.21
	300° 34' 30"	5.31		

1801			474463.95	1299022.64
	303° 54' 28"	16.8		
1802			474473.32	1299008.7
	267° 03' 54"	46.09		
1803			474470.96	1298962.67
	316° 09' 17"	44.56		
1804			474503.1	1298931.8
	313° 59' 07"	37.14		
1805			474528.89	1298905.08
	297° 22' 32"	95.17		
1806			474572.65	1298820.57
	292° 02' 56"	15.9		
1807			474578.62	1298805.83
	273° 04' 17"	12.32		
1808			474579.28	1298793.53
	312° 23' 56"	12.93		
1809			474588	1298783.98
	333° 26' 06"	16.79		
1810			474603.02	1298776.47
	333° 05' 52"	17.48		
1811			474618.61	1298768.56
	288° 00' 20"	9.71		
1812			474621.61	1298759.33
	302° 19' 55"	10.41		
1813			474627.18	1298750.53
	310° 50' 27"	19.21		
1814			474639.74	1298736
	345° 42' 10"	25.03		
1815			474663.99	1298729.82
	0° 22' 13"	20.11		
1816			474684.1	1298729.95
	13° 46' 33"	14.4		
1817			474698.09	1298733.38
	46° 23' 09"	31.57		
1818			474719.87	1298756.24
	43° 42' 30"	55.21		
1819			474759.78	1298794.39
	34° 48' 33"	15.91		
1820			474772.84	1298803.47
	7° 38' 35"	35.94		
1821			474808.46	1298808.25
	342° 58' 15"	21.79		
1822			474829.29	1298801.87
	327° 38' 58"	40.46		
1823			474863.47	1298780.22
	351° 47' 38"	21.3		
1824			474884.55	1298777.18

	29° 11' 23"	17.29		
1825			474899.64	1298785.61
	12° 20' 24"	18.11		
1826			474917.33	1298789.48
	325° 55' 58"	24.87		
1827			474937.93	1298775.55
	313° 23' 36"	11.6		
1828			474945.9	1298767.12
	333° 12' 25"	64.05		
1829			475003.07	1298738.25
	5° 58' 01"	25.59		
1830			475028.52	1298740.91
	344° 34' 16"	22.85		
1831			475050.55	1298734.83
	17° 19' 00"	40.18		
1832			475088.91	1298746.79
	348° 22' 48"	32.97		
1833			475121.2	1298740.15
	328° 16' 43"	15.18		
1834			475134.11	1298732.17
	291° 21' 27"	17.74		
1835			475140.57	1298715.65
	309° 31' 21"	19.71		
1836			475153.11	1298700.45
	356° 16' 25"	32.16		
1837			475185.2	1298698.36
	13° 02' 29"	46.8		
1838			475230.79	1298708.92
	51° 15' 48"	34.87		
1839			475252.61	1298736.12
	41° 44' 59"	20.08		
1840			475267.59	1298749.49
	8° 49' 52"	37.91		
1841			475305.05	1298755.31
	1° 43' 12"	16.66		
1842			475321.7	1298755.81
	356° 06' 08"	9.12		
1843			475330.8	1298755.19
	317° 34' 35"	29.57		
1844			475352.63	1298735.24
	311° 58' 32"	18.23		
1845			475364.82	1298721.69
	327° 32' 45"	20.7		
1846			475382.29	1298710.58
	356° 41' 50"	12.15		
1847			475394.42	1298709.88
	33° 46' 36"	31.17		

1848			475420.33	1298727.21
	20° 07' 59"	17.29		
1849			475436.56	1298733.16
	11° 59' 20"	21.52		
1850			475457.61	1298737.63
	349° 01' 12"	14.65		
1851			475471.99	1298734.84
	332° 51' 10"	26.41		
1852			475495.49	1298722.79
	304° 45' 13"	12.4		
1853			475502.56	1298712.6
	298° 35' 34"	41.46		
1854			475522.4	1298676.2
	305° 15' 12"	26.94		
1855			475537.95	1298654.2
	324° 44' 11"	10.2		
1856			475546.28	1298648.31
	4° 37' 14"	11.3		
1857			475557.54	1298649.22
	16° 50' 47"	13.8		
1858			475570.75	1298653.22
	23° 20' 28"	29.58		
1859			475597.91	1298664.94
	35° 12' 04"	52.06		
1860			475640.45	1298694.95
	2° 55' 03"	29.67		
1861			475670.08	1298696.46
	326° 29' 12"	35.08		
1862			475699.33	1298677.09
	297° 31' 09"	81.38		
1863			475736.93	1298604.92
	347° 28' 05"	38.53		
1864			475774.54	1298596.56
	358° 37' 11"	62.69		
1865			475837.21	1298595.05
	335° 52' 14"	27.89		
1866			475862.66	1298583.65
	327° 28' 51"	31.08		
1867			475888.87	1298566.94
	15° 09' 20"	23.22		
1868			475911.28	1298573.01
	45° 16' 56"	54.53		
1869			475949.65	1298611.76
	29° 31' 50"	26.19		
1870			475972.44	1298624.67
	331° 41' 53"	33.64		
1871			476002.06	1298608.72

	339° 13' 10"	43.88		
1872			476043.09	1298593.15
	282° 05' 41"	21.76		
1873			476047.65	1298571.87
	281° 16' 33"	49.51		
1874			476057.33	1298523.32
	340° 06' 49"	20.73		
1875			476076.82	1298516.27
	10° 22' 32"	23.21		
1876			476099.65	1298520.45
	7° 52' 17"	29.13		
1877			476128.51	1298524.44
	8° 40' 50"	15.9		
1878			476144.23	1298526.84
	28° 31' 25"	20.02		
1879			476161.82	1298536.4
	353° 47' 52"	22.49		
1880			476184.18	1298533.97
	330° 01' 56"	30.29		
1881			476210.42	1298518.84
	295° 37' 43"	36.39		
1882			476226.16	1298486.03
	285° 10' 48"	52.85		
1883			476240	1298435.02
	306° 04' 06"	36.03		
1884			476261.21	1298405.9
	328° 08' 25"	106.81		
1885			476351.93	1298349.52
	312° 18' 48"	38.77		
1886			476378.03	1298320.85
	285° 02' 03"	30.49		
1887			476385.94	1298291.4
	269° 31' 19"	14.38		
1888			476385.82	1298277.02
	238° 01' 13"	37.73		
1889			476365.84	1298245.02
	245° 46' 49"	52.9		
1890			476344.14	1298196.78
	279° 55' 00"	71.54		
1891			476356.46	1298126.31
	312° 52' 59"	79.82		
1892			476410.78	1298067.82
	271° 28' 10"	44.45		
1893			476411.92	1298023.38
	297° 02' 34"	45.6		
1894			476432.65	1297982.77
	303° 28' 44"	27.83		

1895			476448	1297959.56
	331° 39' 41"	32.8		
1896			476476.87	1297943.99
	304° 28' 33"	9.91		
1897			476482.48	1297935.82
	266° 55' 43"	14.93		
1898			476481.68	1297920.91
	231° 31' 14"	28.27		
1899			476464.09	1297898.78
	242° 10' 47"	18.17		
1900			476455.61	1297882.71
	255° 51' 47"	22.11		
1901			476450.21	1297861.27
	273° 55' 45"	34.44		
1902			476452.57	1297826.91
	305° 15' 54"	21.49		
1903			476464.98	1297809.36
	313° 33' 02"	15.09		
1904			476475.38	1297798.42
	289° 42' 07"	8.01		
1905			476478.08	1297790.88
	266° 16' 55"	20.66		
1906			476476.74	1297770.26
	297° 53' 19"	13.75		
1907			476483.17	1297758.11
	327° 08' 39"	9.71		
1908			476491.33	1297752.84
	335° 56' 25"	11.36		
1909			476501.7	1297748.21
	309° 15' 49"	12.45		
1910			476509.58	1297738.57
	260° 57' 59"	13.18		
1911			476507.51	1297725.55
	222° 12' 17"	40.74		
1912			476477.33	1297698.18
	236° 06' 26"	17.25		
1913			476467.71	1297683.86
	260° 14' 46"	35.53		
1914			476461.69	1297648.84
	260° 18' 27"	14.73		
1915			476459.21	1297634.32
	221° 12' 10"	22.21		
1916			476442.5	1297619.69
	217° 00' 55"	29.93		
1917			476418.6	1297601.67
	247° 29' 26"	12.77		
1918			476413.71	1297589.87

	291° 04' 15"	17.33		
1919			476419.94	1297573.7
	323° 49' 52"	36.62		
1920			476449.5	1297552.09
	301° 58' 52"	12.56		
1921			476456.15	1297541.44
	248° 53' 59"	10.47		
1922			476452.38	1297531.67
	194° 34' 13"	11.45		
1923			476441.3	1297528.79
	171° 38' 41"	34.55		
1924			476407.12	1297533.81
	222° 05' 51"	8.1		
1925			476401.11	1297528.38
	159° 46' 33"	50.94		
1926			476353.31	1297545.99
	149° 52' 45"	16.44		
1927			476339.09	1297554.24
	161° 39' 27"	19.57		
1928			476320.51	1297560.4
	188° 52' 28"	22.43		
1929			476298.35	1297556.94
	224° 38' 55"	17.29		
1930			476286.05	1297544.79
	259° 44' 12"	14.82		
1931			476283.41	1297530.21
	278° 43' 39"	21.15		
1932			476286.62	1297509.3
	281° 02' 18"	20.68		
1933			476290.58	1297489
	218° 05' 53"	18.48		
1934			476276.04	1297477.6
	175° 34' 02"	18.11		
1935			476257.98	1297479
	157° 56' 29"	19.86		
1936			476239.57	1297486.46
	197° 48' 05"	8.86		
1937			476231.13	1297483.75
	227° 45' 02"	15.91		
1938			476220.43	1297471.97
	223° 22' 44"	10.5		
1939			476212.8	1297464.76
	211° 26' 52"	26.8		
1940			476189.94	1297450.78
	185° 37' 01"	24.93		
1941			476165.13	1297448.34
	160° 58' 14"	18.89		

1942			476147.27	1297454.5
	174° 06' 31"	17.34		
1943			476130.02	1297456.28
	192° 07' 19"	8.86		
1944			476121.36	1297454.42
	229° 53' 04"	42.35		
1945			476094.07	1297422.03
	211° 40' 07"	27.05		
1946			476071.05	1297407.83
	178° 40' 53"	21.73		
1947			476049.33	1297408.33
	149° 24' 19"	13.05		
1948			476038.1	1297414.97
	150° 38' 51"	23.18		
1949			476017.9	1297426.33
	170° 39' 50"	19.42		
1950			475998.74	1297429.48
	192° 23' 12"	11.79		
1951			475987.22	1297426.95
	196° 49' 51"	12.09		
1952			475975.65	1297423.45
	214° 50' 09"	10.82		
1953			475966.77	1297417.27
	213° 19' 27"	13.03		
1954			475955.88	1297410.11
	208° 33' 40"	16.69		
1955			475941.22	1297402.13
	195° 29' 51"	17.22		
1956			475924.63	1297397.53
	184° 20' 57"	38.11		
1957			475886.63	1297394.64
	169° 37' 12"	17.76		
1958			475869.16	1297397.84
	182° 07' 48"	26.1		
1959			475843.08	1297396.87
	196° 15' 09"	29.98		
1960			475814.3	1297388.48
	177° 14' 04"	47.26		
1961			475767.1	1297390.76
	175° 09' 04"	22.36		
1962			475744.82	1297392.65
	186° 23' 17"	31.73		
1963			475713.29	1297389.12
	195° 18' 54"	20.1		
1964			475693.9	1297383.81
	201° 38' 15"	12.34		
1965			475682.43	1297379.26

	201° 03' 13"	35.85		
1966			475648.97	1297366.38
	216° 19' 18"	50.8		
1967			475608.04	1297336.29
	222° 38' 41"	27.01		
1968			475588.17	1297317.99
	214° 21' 23"	64.62		
1969			475534.82	1297281.52
	206° 32' 49"	28.24		
1970			475509.56	1297268.9
	205° 30' 40"	33.55		
1971			475479.28	1297254.45
	209° 45' 15"	54.26		
1972			475432.17	1297227.52
	205° 50' 24"	59.01		
1973			475379.06	1297201.8
	216° 07' 17"	29.55		
1974			475355.19	1297184.38
	203° 16' 06"	42.07		
1975			475316.54	1297167.76
	199° 58' 16"	36.69		
1976			475282.06	1297155.23
	192° 29' 41"	25.42		
1977			475257.24	1297149.73
	179° 17' 39"	27.6		
1978			475229.64	1297150.07
	166° 04' 09"	43.49		
1979			475187.43	1297160.54
	163° 00' 15"	14.98		
1980			475173.1	1297164.92
	180° 33' 39"	29.62		
1981			475143.48	1297164.63
	198° 42' 25"	69.31		
1982			475077.83	1297142.4
	184° 16' 47"	24.39		
1983			475053.51	1297140.58
	160° 40' 00"	30.05		
1984			475025.15	1297150.53
	156° 22' 32"	38.88		
1985			474989.53	1297166.11
	163° 55' 12"	28.09		
1986			474962.54	1297173.89
	173° 03' 32"	26.65		
1987			474936.09	1297177.11
	196° 10' 35"	34.75		
1988			474902.72	1297167.43
	217° 06' 27"	27.5		

1989			474880.79	1297150.84
	208° 00' 05"	26.05		
1990			474857.79	1297138.61
	234° 20' 03"	15.61		
1991			474848.69	1297125.93
	251° 53' 18"	10.65		
1992			474845.38	1297115.81
	272° 21' 29"	24.06		
1993			474846.37	1297091.77
	228° 15' 12"	38.25		
1994			474820.9	1297063.23
	205° 31' 10"	105.87		
1995			474725.36	1297017.62
	219° 12' 26"	32.86		
1996			474699.9	1296996.85
	242° 58' 48"	24.21		
1997			474688.9	1296975.28
	247° 44' 14"	31.6		
1998			474676.93	1296946.04
	233° 16' 03"	21.69		
1999			474663.96	1296928.66
	217° 19' 34"	42.2		
2000			474630.4	1296903.07
	205° 06' 58"	34.49		
2001			474599.17	1296888.43
	234° 42' 34"	41.51		
2002			474575.19	1296854.55
	180° 00' 00"	18.35		
2003			474556.84	1296854.55
	157° 14' 25"	40.97		
2004			474519.06	1296870.4
	193° 44' 23"	43.58		
2005			474476.73	1296860.05
	156° 14' 39"	19.71		
2006			474458.69	1296867.99
	112° 28' 33"	25.4		
2007			474448.98	1296891.46
	113° 46' 37"	24.46		
2008			474439.12	1296913.84
	138° 10' 17"	49.98		
2009			474401.88	1296947.17
	76° 31' 46"	11.55		
2010			474404.57	1296958.4
	155° 18' 42"	57.22		
2011			474352.58	1296982.3
	171° 56' 54"	102.38		
2012			474251.21	1296996.64

	148° 58' 00"	33.87		
2013			474222.19	1297014.1
	168° 35' 26"	33.87		
2014			474188.99	1297020.8
	186° 14' 21"	33.86		
2015			474155.33	1297017.12
	205° 43' 43"	80.88		
2016			474082.47	1296982.01
	272° 45' 06"	46.24		
2017			474084.69	1296935.82
	212° 00' 11"	25.34		
2018			474063.2	1296922.39
	199° 04' 43"	25.33		
2019			474039.26	1296914.11
	191° 53' 46"	74.17		
2020			473966.68	1296898.82
	186° 01' 03"	10.59		
2021			473956.15	1296897.71
	109° 08' 04"	13.21		
2022			473951.82	1296910.19
	106° 23' 53"	34.43		
2023			473942.1	1296943.22
	144° 07' 38"	57.46		
2024			473895.54	1296976.89
	177° 54' 05"	12.29		
2025			473883.26	1296977.34
	200° 23' 45"	7.12		
2026			473876.59	1296974.86
	219° 19' 02"	11.57		
2027			473867.64	1296967.53
	237° 48' 15"	15.31		
2028			473859.48	1296954.57
	231° 19' 59"	36.92		
2029			473836.41	1296925.74
	222° 40' 09"	20.86		
2030			473821.07	1296911.6
	202° 25' 59"	31.16		
2031			473792.27	1296899.71
	196° 54' 41"	53.04		
2032			473741.52	1296884.28
	194° 40' 56"	33.34		
2033			473709.27	1296875.83
	194° 12' 10"	20.01		
2034			473689.87	1296870.92
	213° 01' 04"	27.42		
2035			473666.88	1296855.98
	238° 33' 51"	17.06		

2036			473657.98	1296841.42
	247° 46' 53"	16.58		
2037			473651.71	1296826.07
	268° 10' 54"	23.32		
2038			473650.97	1296802.76
	238° 05' 28"	12.58		
2039			473644.32	1296792.08
	202° 11' 25"	15.6		
2040			473629.88	1296786.19
	186° 10' 56"	15.23		
2041			473614.74	1296784.55
	189° 23' 08"	13.49		
2042			473601.43	1296782.35
	212° 04' 10"	21.77		
2043			473582.98	1296770.79
	234° 06' 56"	17.09		
2044			473572.96	1296756.94
	239° 07' 55"	17.46		
2045			473564	1296741.95
	265° 56' 46"	38.62		
2046			473561.27	1296703.43
	264° 38' 00"	24.7		
2047			473558.96	1296678.84
	218° 23' 44"	16.6		
2048			473545.95	1296668.53
	193° 41' 17"	13.57		
2049			473532.77	1296665.32
	164° 10' 55"	17.32		
2050			473516.11	1296670.04
	156° 14' 58"	131.42		
2051			473395.82	1296722.97
	172° 13' 55"	36.7		
2052			473359.46	1296727.93
	191° 45' 47"	56.8		
2053			473303.85	1296716.35
	203° 10' 59"	33.73		
2054			473272.84	1296703.07
	222° 35' 32"	31.47		
2055			473249.67	1296681.77
	210° 11' 11"	50.06		
2056			473206.4	1296656.6
	221° 25' 46"	17.26		
2057			473193.46	1296645.18
	189° 21' 01"	36.13		
2058			473157.81	1296639.31
	213° 14' 09"	39.19		
2059			473125.03	1296617.83

	219° 11' 33"	18.31		
2060			473110.84	1296606.26
	206° 17' 10"	11.95		
2061			473100.13	1296600.97
	178° 27' 42"	7.82		
2062			473092.31	1296601.18
	168° 20' 31"	8.07		
2063			473084.41	1296602.81
	129° 34' 06"	8.96		
2064			473078.7	1296609.72
	121° 04' 14"	44.18		
2065			473055.9	1296647.56
	174° 39' 41"	21.6		
2066			473034.39	1296649.57
	205° 01' 48"	76.46		
2067			472965.11	1296617.22
	205° 31' 38"	18.52		
2068			472948.4	1296609.24
	197° 53' 44"	26.2		
2069			472923.47	1296601.19
	170° 58' 10"	18.54		
2070			472905.16	1296604.1
	160° 06' 21"	30.8		
2071			472876.2	1296614.58
	166° 29' 24"	15.58		
2072			472861.05	1296618.22
	167° 05' 07"	16.11		
2073			472845.35	1296621.82
	176° 44' 28"	14.07		
2074			472831.3	1296622.62
	170° 03' 41"	44.9		
2075			472787.07	1296630.37
	176° 37' 27"	18.17		
2076			472768.93	1296631.44
	216° 49' 57"	15.28		
2077			472756.7	1296622.28
	242° 52' 30"	19.67		
2078			472747.73	1296604.77
	261° 32' 43"	18.23		
2079			472745.05	1296586.74
	273° 25' 09"	15.93		
2080			472746	1296570.84
	280° 01' 48"	15.1		
2081			472748.63	1296555.97
	276° 35' 48"	13.32		
2082			472750.16	1296542.74
	276° 56' 58"	16.2		

2083			472752.12	1296526.66
	256° 17' 28"	14.85		
2084			472748.6	1296512.23
	217° 33' 43"	10.6		
2085			472740.2	1296505.77
	179° 50' 29"	7.22		
2086			472732.98	1296505.79
	171° 39' 44"	18.34		
2087			472714.83	1296508.45
	165° 28' 59"	25.73		
2088			472689.92	1296514.9
	172° 18' 40"	34.53		
2089			472655.7	1296519.52
	177° 27' 36"	53.25		
2090			472602.5	1296521.88
	180° 01' 35"	21.67		
2091			472580.83	1296521.87
	175° 51' 08"	31.52		
2092			472549.39	1296524.15
	241° 15' 52"	84.78		
2093			472508.63	1296449.81
	221° 09' 23"	49.05		
2094			472471.7	1296417.53
	214° 05' 50"	34.36		
2095			472443.25	1296398.27
	197° 44' 58"	37.26		
2096			472407.76	1296386.91
	183° 33' 13"	30.01		
2097			472377.81	1296385.05
	180° 37' 58"	36.21		
2098			472341.6	1296384.65
	199° 12' 43"	26.35		
2099			472316.72	1296375.98
	212° 15' 45"	17.48		
2100			472301.94	1296366.65
	219° 53' 05"	23.16		
2101			472284.17	1296351.8
	223° 24' 29"	48.87		
2102			472248.67	1296318.22
	211° 54' 57"	37.26		
2103			472217.04	1296298.52
	205° 56' 21"	34.38		
2104			472186.12	1296283.48
	202° 35' 59"	17.46		
2105			472170	1296276.77
	208° 07' 06"	22.77		
2106			472149.92	1296266.04

	207° 41' 55"	26.23		
2107			472126.7	1296253.85
	217° 15' 27"	28.08		
2108			472104.35	1296236.85
	249° 25' 50"	19.95		
2109			472097.34	1296218.17
	257° 30' 56"	225.79		
2110			472048.53	1295997.72
	257° 31' 07"	584.35		
2111			471922.24	1295427.18
	256° 51' 29"	509.8		
2112			471806.33	1294930.73
	257° 49' 31"	501.67		
2113			471700.53	1294440.34
	281° 32' 23"	4.4		
2114			471701.41	1294436.03
	348° 37' 54"	846.51		
2115			472531.31	1294269.17
	259° 01' 13"	333.35		
2116			472467.82	1293941.92
	258° 30' 34"	161.14		
2117			472435.72	1293784.01
	258° 16' 18"	64.2		
2118			472422.67	1293721.15
	229° 27' 17"	13.29		
2119			472414.03	1293711.05
	256° 46' 03"	48.58		
2120			472402.91	1293663.76
	258° 20' 53"	50.6		
2121			472392.69	1293614.2
	259° 10' 19"	698.91		
2122			472261.39	1292927.73
	258° 34' 39"	131.74		
2123			472235.3	1292798.6
	262° 00' 41"	24.61		
2124			472231.88	1292774.23
	255° 48' 03"	44.36		
2125			472221	1292731.23
	15° 45' 10"	17.98		
2126			472238.3	1292736.11
	36° 09' 16"	51.73		
2127			472280.07	1292766.63
	33° 55' 41"	29.38		
2128			472304.45	1292783.03
	29° 37' 41"	50.55		
2129			472348.39	1292808.02
	18° 15' 08"	38.7		

2130			472385.14	1292820.14
	358° 40' 45"	32.97		
2131			472418.1	1292819.38
	320° 31' 10"	42.2		
2132			472450.67	1292792.55
	358° 38' 07"	59.21		
2133			472509.86	1292791.14
	9° 19' 30"	39.13		
2134			472548.47	1292797.48
	32° 27' 54"	34.89		
2135			472577.91	1292816.21
	10° 34' 41"	21.19		
2136			472598.74	1292820.1
	5° 01' 30"	30.6		
2137			472629.22	1292822.78
	325° 50' 07"	85.35		
2138			472699.84	1292774.85
	3° 45' 10"	18.64		
2139			472718.44	1292776.07
	12° 43' 17"	17.44		
2140			472735.45	1292779.91
	29° 30' 46"	90.27		
2141			472814.01	1292824.38
	21° 54' 57"	90.26		
2142			472897.75	1292858.07
	0° 00' 00"	108.23		
2143			473005.98	1292858.07
	356° 00' 10"	27.26		
2144			473033.17	1292856.17
	349° 46' 08"	41.04		
2145			473073.56	1292848.88
	349° 58' 29"	51.53		
2146			473124.3	1292839.91
	328° 51' 42"	30.96		
2147			473150.8	1292823.9
	325° 49' 47"	24.16		
2148			473170.79	1292810.33
	320° 04' 09"	19.93		
2149			473186.07	1292797.54
	228° 04' 48"	6.98		
2150			473181.41	1292792.35
	314° 27' 05"	18.46		
2151			473194.34	1292779.17
	295° 46' 14"	82.89		
2152			473230.38	1292704.52
	303° 19' 29"	31.31		
2153			473247.58	1292678.36

	319° 44' 58"	31		
2154			473271.24	1292658.33
	331° 34' 57"	18.26		
2155			473287.3	1292649.64
	301° 33' 09"	16.36		
2156			473295.86	1292635.7
	279° 01' 04"	30.3		
2157			473300.61	1292605.77
	270° 16' 14"	19.06		
2158			473300.7	1292586.71
	251° 08' 06"	17.69		
2159			473294.98	1292569.97
	218° 36' 43"	57.83		
2160			473249.79	1292533.88
	244° 02' 52"	11.29		
2161			473244.85	1292523.73
	270° 58' 25"	14.71		
2162			473245.1	1292509.02
	296° 32' 27"	10.56		
2163			473249.82	1292499.57
	277° 07' 59"	17.96		
2164			473252.05	1292481.75
	258° 51' 16"	12.98		
2165			473249.54	1292469.01
	241° 11' 46"	22.21		
2166			473238.84	1292449.55
	227° 43' 20"	27.84		
2167			473220.11	1292428.95
	213° 46' 21"	17.36		
2168			473205.68	1292419.3
	203° 35' 19"	29.71		
2169			473178.45	1292407.41
	224° 38' 14"	21.22		
2170			473163.35	1292392.5
	254° 11' 53"	16.45		
2171			473158.87	1292376.67
	268° 39' 23"	35.4		
2172			473158.04	1292341.28
	292° 37' 43"	25.21		
2173			473167.74	1292318.01
	279° 56' 25"	22.07		
2174			473171.55	1292296.27
	246° 04' 19"	43.84		
2175			473153.77	1292256.2
	260° 14' 07"	36.44		
2176			473147.59	1292220.29
	264° 57' 18"	20.13		

2177			473145.82	1292200.24
	283° 56' 00"	17.57		
2178			473150.05	1292183.19
	304° 18' 42"	31.95		
2179			473168.06	1292156.8
	274° 20' 46"	20.06		
2180			473169.58	1292136.8
	262° 05' 42"	30.25		
2181			473165.42	1292106.84
	253° 48' 03"	21.4		
2182			473159.45	1292086.29
	278° 57' 47"	12.45		
2183			473161.39	1292073.99
	324° 26' 45"	8.01		
2184			473167.91	1292069.33
	355° 22' 46"	16.63		
2185			473184.49	1292067.99
	17° 33' 28"	13.43		
2186			473197.29	1292072.04
	344° 32' 20"	13.65		
2187			473210.45	1292068.4
	313° 02' 32"	52.36		
2188			473246.19	1292030.13
	305° 39' 19"	12.45		
2189			473253.45	1292020.01
	303° 34' 50"	63.82		
2190			473288.75	1291966.84
	269° 32' 42"	27.7		
2191			473288.53	1291939.14
	283° 33' 24"	28.11		
2192			473295.12	1291911.81
	316° 13' 30"	28.45		
2193			473315.66	1291892.13
	340° 51' 35"	28		
2194			473342.11	1291882.95
	356° 04' 06"	27.86		
2195			473369.9	1291881.04
	316° 34' 17"	19.86		
2196			473384.32	1291867.39
	267° 06' 31"	43.42		
2197			473382.13	1291824.03
	278° 26' 09"	2.39		
2198			473382.48	1291821.67
	269° 23' 40"	47.3		
2199			473381.98	1291774.37
	260° 07' 35"	117.45		
2200			473361.84	1291658.66

	261° 33' 19"	9.53		
2201			473360.44	1291649.23
	259° 41' 00"	332.07		
2202			473300.97	1291322.53
	261° 37' 39"	1307.28		
2203			473110.62	1290029.18
	261° 59' 53"	452.21		
2204			473047.67	1289581.37
	263° 41' 29"	6.01		
2205			473047.01	1289575.4
	261° 56' 17"	42.78		
2206			473041.01	1289533.04
	249° 27' 34"	290.65		
2207			472939.03	1289260.87
	245° 40' 34"	161.35		
2208			472872.57	1289113.84
	262° 33' 58"	209.15		
2209			472845.51	1288906.45
	210° 57' 08"	59.17		
2210			472794.77	1288876.02
	128° 55' 32"	17.84		
2211			472783.56	1288889.9
	114° 04' 22"	12.65		
2212			472778.4	1288901.45
	111° 24' 24"	11.59		
2213			472774.17	1288912.24
	116° 19' 13"	7.33		
2214			472770.92	1288918.81
	111° 42' 33"	28.85		
2215			472760.25	1288945.61
	118° 26' 31"	22.26		
2216			472749.65	1288965.18
	117° 10' 52"	17.89		
2217			472741.48	1288981.09
	114° 13' 27"	21.13		
2218			472732.81	1289000.36
	111° 02' 53"	30.93		
2219			472721.7	1289029.23
	111° 35' 14"	25.82		
2220			472712.2	1289053.24
	117° 02' 41"	61.98		
2221			472684.02	1289108.44
	122° 42' 02"	35.65		
2222			472664.76	1289138.44
	125° 55' 04"	21.55		
2223			472652.12	1289155.89
	116° 14' 02"	16.24		

2224			472644.94	1289170.46
	130° 30' 36"	16.35		
2225			472634.32	1289182.89
	136° 50' 09"	11.04		
2226			472626.27	1289190.44
	143° 59' 56"	16.09		
2227			472613.25	1289199.9
	146° 52' 02"	25.38		
2228			472592	1289213.77
	149° 49' 37"	44.98		
2229			472553.11	1289236.38
	149° 26' 26"	56.63		
2230			472504.35	1289265.17
	168° 19' 30"	13.54		
2231			472491.09	1289267.91
	180° 32' 52"	18.83		
2232			472472.26	1289267.73
	211° 05' 32"	31.33		
2233			472445.43	1289251.55
	225° 04' 59"	19.53		
2234			472431.64	1289237.72
	230° 05' 26"	27.57		
2235			472413.95	1289216.57
	234° 31' 50"	54.66		
2236			472382.23	1289172.05
	239° 38' 31"	43.47		
2237			472360.26	1289134.54
	223° 07' 33"	6.92		
2238			472355.21	1289129.81
	199° 03' 26"	26.49		
2239			472330.17	1289121.16
	196° 35' 42"	24.23		
2240			472306.95	1289114.24
	180° 14' 10"	77.65		
2241			472229.3	1289113.92
	181° 32' 20"	30.16		
2242			472199.15	1289113.11
	195° 46' 01"	33.08		
2243			472167.31	1289104.12
	217° 46' 50"	26.05		
2244			472146.72	1289088.16
	229° 33' 37"	36.91		
2245			472122.78	1289060.07
	240° 47' 30"	45.57		
2246			472100.54	1289020.29
	218° 51' 32"	26.51		
2247			472079.9	1289003.66

	203° 40' 03"	28.4		
2248			472053.89	1288992.26
	209° 18' 42"	21.65		
2249			472035.01	1288981.66
	216° 28' 36"	30.01		
2250			472010.88	1288963.82
	205° 32' 56"	28.24		
2251			471985.4	1288951.64
	191° 27' 31"	47.62		
2252			471938.73	1288942.18
	187° 25' 18"	25.16		
2253			471913.78	1288938.93
	175° 32' 01"	97.21		
2254			471816.87	1288946.5
	239° 53' 29"	3.91		
2255			471814.91	1288943.12
	209° 51' 26"	10.12		
2256			471806.13	1288938.08
	228° 03' 00"	5.71		
2257			471802.31	1288933.83
	263° 35' 13"	12.18		
2258			471800.95	1288921.73
	291° 22' 40"	12.81		
2259			471805.62	1288909.8
	305° 19' 43"	6.69		
2260			471809.49	1288904.34
	310° 00' 43"	23.83		
2261			471824.81	1288886.09
	303° 30' 23"	28.57		
2262			471840.58	1288862.27
	276° 56' 09"	9.77		
2263			471841.76	1288852.57
	243° 08' 02"	11.06		
2264			471836.76	1288842.7
	248° 11' 55"	23.53		
2265			471828.02	1288820.85
	271° 12' 24"	16.14		
2266			471828.36	1288804.71
	270° 50' 01"	48.8		
2267			471829.07	1288755.92
	281° 30' 24"	25.72		
2268			471834.2	1288730.72
	285° 11' 34"	16.94		
2269			471838.64	1288714.37
	284° 03' 58"	13.99		
2270			471842.04	1288700.8
	283° 47' 05"	19.89		

2271			471846.78	1288681.48
	263° 20' 47"	11.91		
2272			471845.4	1288669.65
	242° 30' 39"	8.32		
2273			471841.56	1288662.27
	205° 42' 15"	13.1		
2274			471829.76	1288656.59
	203° 29' 48"	22.72		
2275			471808.92	1288647.53
	153° 46' 32"	77.46		
2276			471739.43	1288681.76
	129° 19' 35"	22.82		
2277			471724.97	1288699.41
	125° 13' 03"	12.9		
2278			471717.53	1288709.95
	109° 10' 55"	16.01		
2279			471712.27	1288725.07
	117° 34' 26"	7.37		
2280			471708.86	1288731.6
	116° 36' 09"	13.73		
2281			471702.71	1288743.88
	136° 10' 35"	17.91		
2282			471689.79	1288756.28
	136° 26' 03"	15.54		
2283			471678.53	1288766.99
	125° 42' 21"	15.46		
2284			471669.51	1288779.54
	109° 20' 32"	20.77		
2285			471662.63	1288799.14
	115° 53' 05"	9.41		
2286			471658.52	1288807.61
	89° 46' 49"	31.3		
2287			471658.64	1288838.91
	83° 40' 43"	20.25		
2288			471660.87	1288859.04
	162° 58' 42"	18.21		
2289			471643.46	1288864.37
	161° 36' 18"	9.09		
2290			471634.83	1288867.24
	181° 29' 32"	29.95		
2291			471604.89	1288866.46
	183° 25' 41"	66.56		
2292			471538.45	1288862.48
	193° 14' 49"	10.39		
2293			471528.34	1288860.1
	206° 31' 29"	12.74		
2294			471516.94	1288854.41

	194° 01' 19"	9.66		
2295			471507.57	1288852.07
	151° 36' 07"	10.77		
2296			471498.1	1288857.19
	126° 49' 58"	15.48		
2297			471488.82	1288869.58
	92° 45' 00"	19.59		
2298			471487.88	1288889.15
	74° 20' 00"	41.77		
2299			471499.16	1288929.37
	64° 53' 03"	14.32		
2300			471505.24	1288942.34
	62° 01' 20"	9.98		
2301			471509.92	1288951.15
	31° 08' 50"	16.07		
2302			471523.67	1288959.46
	6° 04' 52"	18.31		
2303			471541.88	1288961.4
	14° 14' 05"	6.3		
2304			471547.99	1288962.95
	35° 06' 23"	10.66		
2305			471556.71	1288969.08
	73° 18' 28"	15.7		
2306			471561.22	1288984.12
	105° 54' 15"	9.52		
2307			471558.61	1288993.28
	132° 55' 48"	21.73		
2308			471543.81	1289009.19
	144° 07' 36"	18.05		
2309			471529.18	1289019.77
	148° 46' 18"	5.94		
2310			471524.1	1289022.85
	131° 53' 17"	17.19		
2311			471512.62	1289035.65
	130° 04' 19"	34.98		
2312			471490.1	1289062.42
	164° 16' 20"	26.05		
2313			471465.03	1289069.48
	180° 41' 19"	37.44		
2314			471427.59	1289069.03
	180° 12' 26"	16.58		
2315			471411.01	1289068.97
	173° 31' 50"	15.18		
2316			471395.93	1289070.68
	175° 17' 57"	15.13		
2317			471380.85	1289071.92
	180° 04' 03"	16.97		

2318			471363.88	1289071.9
	205° 44' 27"	7.46		
2319			471357.16	1289068.66
	208° 06' 13"	28.15		
2320			471332.33	1289055.4
	210° 21' 50"	22.28		
2321			471313.11	1289044.14
	169° 44' 12"	83.85		
2322			471230.6	1289059.08
	159° 36' 59"	27.62		
2323			471204.71	1289068.7
	154° 20' 27"	21.5		
2324			471185.33	1289078.01
	111° 03' 37"	19.95		
2325			471178.16	1289096.63
	91° 04' 01"	48.87		
2326			471177.25	1289145.49
	126° 46' 34"	22		
2327			471164.08	1289163.11
	111° 48' 15"	36.8		
2328			471150.41	1289197.28
	226° 13' 37"	92.14		
2329			471086.67	1289130.75
	231° 40' 21"	14.54		
2330			471077.65	1289119.34
	237° 40' 53"	220.06		
2331			470960	1288933.37
	242° 58' 15"	70.68		
2332			470927.88	1288870.41
	257° 06' 02"	318.98		
2333			470856.67	1288559.48
	255° 38' 47"	763.6		
2334			470667.37	1287819.72
	255° 18' 04"	191.65		
2335			470618.74	1287634.34
	262° 30' 44"	156.31		
2336			470598.37	1287479.36
	267° 49' 37"	29.8		
2337			470597.24	1287449.58
	277° 43' 35"	102.94		
2338			470611.08	1287347.57
	274° 58' 12"	157.56		
2339			470624.73	1287190.6
	352° 41' 03"	831.26		
2340			471449.22	1287084.75
	30° 00' 15"	100.05		
2341			471535.86	1287134.78

	7° 23' 53"	59.1		
2342			471594.47	1287142.39
	354° 00' 47"	236.14		
2343			471829.32	1287117.76
	315° 33' 40"	59.93		
2344			471872.11	1287075.8
	346° 30' 51"	136.06		
2345			472004.42	1287044.07
	3° 52' 16"	162.78		
2346			472166.83	1287055.06
	3° 34' 04"	46.12		
2347			472212.86	1287057.93
	3° 33' 44"	30.42		
2348			472243.22	1287059.82
	32° 38' 48"	38.84		
2349			472275.92	1287080.77
	4° 01' 05"	58.65		
2350			472334.43	1287084.88
	14° 44' 47"	72.8		
2351			472404.83	1287103.41
	266° 23' 13"	36.02		
2352			472402.56	1287067.46
	273° 31' 21"	444.51		
2353			472429.87	1286623.79
	336° 43' 44"	9.34		
2354			472438.45	1286620.1
	277° 17' 32"	18.28		
2355			472440.77	1286601.97
	255° 18' 56"	71.6		
2356			472422.62	1286532.71
	251° 57' 07"	184.08		
2357			472365.59	1286357.69
	158° 06' 45"	60.49		
2358			472309.46	1286380.24
	261° 45' 04"	496.12		
2359			472238.28	1285889.25
	262° 56' 23"	286.22		
2360			472203.1	1285605.2
	266° 57' 26"	40.13		
2361			472200.97	1285565.13
	261° 30' 22"	795.16		
2362			472083.52	1284778.69
	262° 06' 05"	722.88		
2363			471984.18	1284062.67
	265° 37' 05"	139		
2364			471973.56	1283924.08
	260° 22' 51"	488.57		

2365			471891.92	1283442.38
	261° 50' 36"	901.05		
2366			471764.08	1282550.44
	334° 47' 00"	128.65		
2367			471880.47	1282495.63
	337° 49' 00"	718.01		
2368			472545.33	1282224.53
	335° 03' 32"	167.45		
2369			472697.16	1282153.92
	339° 21' 23"	116.52		
2370			472806.2	1282112.84
	308° 50' 42"	586.75		
2371			473174.22	1281655.85
	299° 34' 56"	413.94		
2372			473378.57	1281295.87
	297° 44' 52"	112.68		
2373			473431.03	1281196.15
	301° 30' 53"	213.71		
2374			473542.74	1281013.96
	293° 10' 45"	7.72		
2375			473545.78	1281006.86
	306° 36' 02"	10.21		
2376			473551.87	1280998.66
	298° 08' 58"	194.56		
2377			473643.66	1280827.11
	301° 53' 30"	117.54		
2378			473705.76	1280727.31
	299° 40' 01"	429.09		
2379			473918.14	1280354.47
	305° 45' 52"	52.87		
2380			473949.04	1280311.57
	300° 49' 00"	405.55		
2381			474156.8	1279963.28
	284° 20' 31"	206.41		
2382			474207.93	1279763.3
	226° 45' 09"	229.38		
2383			474050.77	1279596.22
	223° 48' 31"	196.23		
2384			473909.16	1279460.38
	240° 56' 05"	250.35		
2385			473787.54	1279241.56
	242° 39' 49"	237.49		
2386			473678.48	1279030.59
	243° 20' 59"	135.37		
2387			473617.76	1278909.6
	243° 35' 39"	315.34		
2388			473477.52	1278627.16

	344° 30' 04"	352.22		
2389			473816.93	1278533.04
	347° 45' 13"	420.53		
2390			474227.89	1278443.84
	346° 50' 52"	52.03		
2391			474278.56	1278432
	313° 16' 24"	10.8		
2392			474285.96	1278424.14
	267° 43' 23"	181.73		
2393			474278.74	1278242.55
	300° 13' 39"	101.03		
2394			474329.6	1278155.26
	306° 14' 11"	142.9		
2395			474414.07	1278040
	308° 30' 33"	98.08		
2396			474475.14	1277963.25
	310° 24' 55"	78.82		
2397			474526.24	1277903.24
	165° 43' 03"	183.42		
2398			474348.49	1277948.49
	157° 57' 44"	124.7		
2399			474232.9	1277995.28
	154° 22' 02"	121.77		
2400			474123.11	1278047.96
	165° 05' 17"	24.6		
2401			474099.34	1278054.29
	261° 46' 12"	36.47		
2402			474094.12	1278018.2
	263° 13' 16"	18.89		
2403			474091.89	1277999.44
	262° 09' 56"	47.69		
2404			474085.39	1277952.2
	262° 05' 44"	427.78		
2405			474026.56	1277528.48
	262° 26' 38"	221.22		
2406			473997.47	1277309.18
	272° 45' 11"	21.44		
2407			473998.5	1277287.76
	349° 55' 07"	41.07		
2408			474038.94	1277280.57
	312° 23' 46"	38.13		
2409			474064.65	1277252.41
	290° 54' 24"	107.13		
2410			474102.88	1277152.33
	330° 28' 34"	27.98		
2411			474127.23	1277138.54
	31° 51' 17"	76.64		

2412			474192.33	1277178.99
	43° 34' 18"	43.12		
2413			474223.57	1277208.71
	41° 00' 19"	62.63		
2414			474270.83	1277249.8
	22° 30' 02"	86.13		
2415			474350.4	1277282.76
	57° 25' 54"	33.44		
2416			474368.4	1277310.94
	142° 58' 21"	53.12		
2417			474325.99	1277342.93
	132° 11' 54"	38.34		
2418			474300.24	1277371.33
	112° 21' 05"	18.38		
2419			474293.25	1277388.33
	94° 19' 56"	15.22		
2420			474292.1	1277403.51
	24° 04' 02"	29.45		
2421			474318.99	1277415.52
	348° 53' 24"	19.1		
2422			474337.73	1277411.84
	335° 39' 08"	65.66		
2423			474397.55	1277384.77
	347° 56' 43"	41.94		
2424			474438.57	1277376.01
	352° 09' 25"	90.58		
2425			474528.3	1277363.65
	338° 35' 51"	105.86		
2426			474626.86	1277325.02
	334° 50' 42"	84.69		
2427			474703.52	1277289.02
	274° 28' 47"	42.89		
2428			474706.87	1277246.26
	253° 30' 47"	114.8		
2429			474674.29	1277136.18
	316° 22' 38"	16.77		
2430			474686.43	1277124.61
	4° 50' 35"	47.97		
2431			474734.23	1277128.66
	16° 33' 25"	54.43		
2432			474786.4	1277144.17
	23° 57' 45"	32.3		
2433			474815.92	1277157.29
	310° 16' 32"	46.36		
2434			474845.89	1277121.92
	347° 09' 49"	16.56		
2435			474862.04	1277118.24

	20° 58' 18"	68.23		
2436			474925.75	1277142.66
	357° 06' 27"	56.08		
2437			474981.76	1277139.83
	331° 54' 06"	45.46		
2438			475021.86	1277118.42
	323° 26' 18"	51.65		
2439			475063.35	1277087.65
	332° 26' 08"	40		
2440			475098.81	1277069.14
	335° 31' 37"	68.48		
2441			475161.14	1277040.77
	307° 02' 11"	76.35		
2442			475207.13	1276979.82
	10° 35' 31"	30.36		
2443			475236.97	1276985.4
	42° 14' 01"	29.74		
2444			475258.99	1277005.39
	49° 51' 01"	26.01		
2445			475275.76	1277025.27
	352° 35' 07"	30.92		
2446			475306.42	1277021.28
	12° 10' 01"	19.93		
2447			475325.9	1277025.48
	318° 03' 13"	30.26		
2448			475348.41	1277005.25
	277° 32' 26"	21.03		
2449			475351.17	1276984.4
	233° 38' 55"	70.06		
2450			475309.64	1276927.97
	320° 57' 45"	36.01		
2451			475337.61	1276905.29
	340° 24' 17"	36.23		
2452			475371.74	1276893.14
	347° 24' 24"	26.97		
2453			475398.06	1276887.26
	302° 15' 25"	12.31		
2454			475404.63	1276876.85
	288° 00' 25"	38.95		
2455			475416.67	1276839.81
	275° 40' 56"	94.03		
2456			475425.98	1276746.24
	316° 48' 05"	41.17		
2457			475455.99	1276718.06
	353° 47' 43"	70.04		
2458			475525.62	1276710.49
	337° 40' 32"	36.41		

2459			475559.3	1276696.66
	313° 07' 19"	111.77		
2460			475635.7	1276615.08
	315° 26' 35"	114.28		
2461			475717.13	1276534.9
	295° 16' 00"	93.15		
2462			475756.89	1276450.66
	287° 12' 00"	37.27		
2463			475767.91	1276415.06
	239° 12' 18"	20.37		
2464			475757.48	1276397.56
	167° 33' 01"	20.41		
2465			475737.55	1276401.96
	147° 30' 33"	29.02		
2466			475713.07	1276417.55
	147° 29' 46"	28.14		
2467			475689.34	1276432.67
	151° 07' 06"	14.16		
2468			475676.94	1276439.51
	180° 40' 10"	17.97		
2469			475658.97	1276439.3
	212° 06' 28"	58.66		
2470			475609.28	1276408.12
	140° 56' 21"	37.72		
2471			475579.99	1276431.89
	133° 11' 44"	6.06		
2472			475575.84	1276436.31
	141° 16' 05"	398.82		
2473			475264.73	1276685.84
	152° 16' 01"	284.54		
2474			475012.88	1276818.25
	166° 31' 50"	76.25		
2475			474938.73	1276836.01
	166° 09' 25"	171.32		
2476			474772.39	1276877
	168° 30' 39"	52.06		
2477			474721.37	1276887.37
	168° 00' 00"	47.71		
2478			474674.7	1276897.29
	172° 00' 35"	234.02		
2479			474442.95	1276929.82
	165° 43' 15"	56.03		
2480			474388.65	1276943.64
	162° 04' 11"	14		
2481			474375.33	1276947.95
	166° 50' 53"	34.41		
2482			474341.82	1276955.78

	79° 17' 55"	2.58		
2483			474342.3	1276958.32
	168° 00' 59"	9.01		
2484			474333.49	1276960.19
	163° 43' 04"	221.42		
2485			474120.95	1277022.27
	163° 39' 40"	6.4		
2486			474114.81	1277024.07
	165° 17' 47"	328.34		
2487			473797.22	1277107.41
	168° 13' 47"	45.39		
2488			473752.78	1277116.67
	162° 57' 18"	14.6		
2489			473738.82	1277120.95
	165° 45' 01"	127.56		
2490			473615.18	1277152.35
	158° 37' 16"	11.33		
2491			473604.63	1277156.48
	165° 20' 28"	41.73		
2492			473564.26	1277167.04
	164° 17' 22"	50.3		
2493			473515.84	1277180.66
	164° 27' 10"	83.61		
2494			473435.29	1277203.07
	147° 21' 35"	153.18		
2495			473306.3	1277285.69
	159° 19' 45"	52.52		
2496			473257.16	1277304.23
	159° 43' 10"	48.21		
2497			473211.94	1277320.94
	159° 57' 26"	28.74		
2498			473184.94	1277330.79
	155° 57' 16"	98.78		
2499			473094.73	1277371.04
	283° 11' 37"	11.22		
2500			473097.29	1277360.12
	282° 39' 37"	136.56		
2501			473127.22	1277226.88
	287° 26' 20"	130.97		
2502			473166.47	1277101.93
	284° 50' 32"	251.52		
2503			473230.9	1276858.8
	284° 32' 32"	246.36		
2504			473292.76	1276620.33
	285° 34' 16"	174.12		
2505			473339.5	1276452.6
	287° 58' 59"	327.53		

2506			473440.62	1276141.07
	283° 51' 32"	521.73		
2507			473565.59	1275634.53
	286° 20' 10"	481.99		
2508			473701.16	1275172
	285° 25' 21"	53.73		
2509			473715.45	1275120.2
	285° 21' 53"	122.09		
2510			473747.8	1275002.47
	286° 05' 29"	441.82		
2511			473870.26	1274577.96
	285° 14' 18"	207.89		
2512			473924.9	1274377.38
	282° 23' 27"	362.52		
2513			474002.69	1274023.3
	278° 54' 50"	275.83		
2514			474045.43	1273750.8
	282° 12' 23"	222.48		
2515			474092.47	1273533.35
	284° 59' 47"	191.34		
2516			474141.98	1273348.53
	283° 13' 29"	129.12		
2517			474171.52	1273222.83
	263° 12' 00"	374.74		
2518			474127.15	1272850.73
	271° 21' 48"	427.06		
2519			474137.31	1272423.79
	315° 20' 08"	262.08		
2520			474323.71	1272239.56
	321° 21' 33"	89.89		
2521			474393.92	1272183.43
	325° 38' 55"	866.59		
2522			475109.37	1271694.44
	326° 05' 19"	275.64		
2523			475338.12	1271540.66
	327° 35' 18"	41.27		
2524			475372.96	1271518.54
	332° 57' 42"	116.94		
2525			475477.12	1271465.38
	334° 10' 45"	161.13		
2526			475622.16	1271395.2
	46° 46' 44"	17.08		
2527			475633.86	1271407.65
	23° 34' 56"	54.14		
2528			475683.48	1271429.31
	4° 31' 29"	30.68		
2529			475714.06	1271431.73

	27° 30' 31"	29.05		
2530			475739.83	1271445.15
	27° 00' 26"	16.8		
2531			475754.8	1271452.78
	355° 00' 56"	23.71		
2532			475778.42	1271450.72
	75° 42' 47"	25.49		
2533			475784.71	1271475.42
	352° 33' 17"	15.97		
2534			475800.55	1271473.35
	318° 16' 24"	36.28		
2535			475827.63	1271449.2
	354° 50' 25"	31.36		
2536			475858.86	1271446.38
	20° 58' 31"	27.82		
2537			475884.84	1271456.34
	20° 53' 12"	27.8		
2538			475910.81	1271466.25
	21° 31' 06"	24.81		
2539			475933.89	1271475.35
	22° 41' 05"	41.44		
2540			475972.12	1271491.33
	1° 43' 24"	22.61		
2541			475994.72	1271492.01
	337° 57' 13"	32.13		
2542			476024.5	1271479.95
	327° 18' 31"	59.04		
2543			476074.19	1271448.06
	7° 51' 31"	26.26		
2544			476100.2	1271451.65
	5° 08' 55"	31.65		
2545			476131.72	1271454.49
	42° 40' 05"	32.15		
2546			476155.36	1271476.28
	40° 35' 12"	17.09		
2547			476168.34	1271487.4
	30° 13' 52"	34.06		
2548			476197.77	1271504.55
	17° 42' 55"	28.95		
2549			476225.35	1271513.36
	12° 51' 29"	30.2		
2550			476254.79	1271520.08
	358° 57' 58"	25.49		
2551			476280.28	1271519.62
	359° 08' 22"	31.29		
2552			476311.57	1271519.15
	13° 07' 53"	28.57		

2553			476339.39	1271525.64
	39° 19' 08"	47.93		
2554			476376.47	1271556.01
	23° 19' 06"	25.74		
2555			476400.11	1271566.2
	343° 55' 39"	28.46		
2556			476427.46	1271558.32
	322° 40' 40"	46.63		
2557			476464.54	1271530.05
	331° 17' 56"	22.2		
2558			476484.01	1271519.39
	3° 20' 27"	7.89		
2559			476491.89	1271519.85
	49° 42' 04"	27.95		
2560			476509.97	1271541.17
	64° 30' 02"	22.6		
2561			476519.7	1271561.57
	63° 59' 33"	21.14		
2562			476528.97	1271580.57
	56° 18' 36"	18.39		
2563			476539.17	1271595.87
	22° 10' 17"	27.03		
2564			476564.2	1271606.07
	63° 25' 16"	18.66		
2565			476572.55	1271622.76
	94° 34' 21"	34.87		
2566			476569.77	1271657.52
	59° 36' 59"	15.58		
2567			476577.65	1271670.96
	32° 29' 52"	18.13		
2568			476592.94	1271680.7
	6° 27' 19"	24.73		
2569			476617.51	1271683.48
	350° 56' 53"	20.66		
2570			476637.91	1271680.23
	37° 07' 13"	21.51		
2571			476655.06	1271693.21
	30° 30' 49"	30.13		
2572			476681.02	1271708.51
	357° 29' 29"	9.14		
2573			476690.15	1271708.11
	0° 00' 00"	16.35		
2574			476706.5	1271708.11
	338° 23' 33"	32.91		
2575			476737.1	1271695.99
	330° 15' 24"	44.85		
2576			476776.04	1271673.74

	334° 43' 34"	18.46		
2577			476792.73	1271665.86
	19° 51' 52"	17.75		
2578			476809.42	1271671.89
	19° 45' 22"	19.2		
2579			476827.49	1271678.38
	44° 08' 00"	21.97		
2580			476843.26	1271693.68
	130° 24' 22"	34.7		
2581			476820.77	1271720.1
	135° 18' 39"	29.99		
2582			476799.45	1271741.19
	126° 29' 54"	22.81		
2583			476785.88	1271759.53
	96° 19' 42"	10.61		
2584			476784.71	1271770.08
	78° 22' 09"	18.55		
2585			476788.45	1271788.25
	57° 02' 46"	19.21		
2586			476798.9	1271804.37
	29° 44' 54"	20.13		
2587			476816.38	1271814.36
	8° 44' 26"	23.89		
2588			476839.99	1271817.99
	356° 37' 33"	13.25		
2589			476853.22	1271817.21
	346° 53' 42"	27.61		
2590			476880.11	1271810.95
	334° 00' 04"	62.92		
2591			476936.66	1271783.37
	319° 03' 44"	20.86		
2592			476952.42	1271769.7
	308° 01' 26"	16.19		
2593			476962.39	1271756.95
	299° 30' 37"	22.11		
2594			476973.28	1271737.71
	304° 53' 01"	18.64		
2595			476983.94	1271722.42
	311° 07' 50"	24.31		
2596			476999.93	1271704.11
	328° 45' 04"	16.54		
2597			477014.07	1271695.53
	357° 47' 11"	17.86		
2598			477031.92	1271694.84
	26° 46' 53"	27.25		
2599			477056.25	1271707.12
	56° 45' 06"	16.91		

2600			477065.52	1271721.26
	61° 38' 35"	16.59		
2601			477073.4	1271735.86
	55° 21' 23"	15.5		
2602			477082.21	1271748.61
	33° 26' 04"	28.6		
2603			477106.08	1271764.37
	35° 23' 31"	12.79		
2604			477116.51	1271771.78
	47° 19' 12"	24.28		
2605			477132.97	1271789.63
	45° 56' 45"	23.99		
2606			477149.65	1271806.87
	49° 23' 41"	46.05		
2607			477179.62	1271841.83
	60° 07' 52"	51.52		
2608			477205.28	1271886.51
	36° 45' 19"	48.03		
2609			477243.76	1271915.25
	22° 58' 23"	29.7		
2610			477271.1	1271926.84
	358° 56' 51"	25.04		
2611			477296.14	1271926.38
	353° 39' 19"	54.56		
2612			477350.37	1271920.35
	8° 08' 24"	16.39		
2613			477366.59	1271922.67
	15° 45' 10"	18.79		
2614			477384.67	1271927.77
	19° 25' 57"	25.07		
2615			477408.31	1271936.11
	43° 35' 54"	26.89		
2616			477427.78	1271954.65
	59° 15' 28"	19.95		
2617			477437.98	1271971.8
	41° 52' 43"	18.05		
2618			477451.42	1271983.85
	21° 57' 46"	30.99		
2619			477480.16	1271995.44
	13° 39' 58"	17.65		
2620			477497.31	1271999.61
	355° 31' 31"	23.71		
2621			477520.95	1271997.76
	354° 48' 32"	15.36		
2622			477536.25	1271996.37
	319° 10' 55"	13.48		
2623			477546.45	1271987.56

	8° 46' 29"	12.19		
2624			477558.5	1271989.42
	7° 07' 07"	11.22		
2625			477569.63	1271990.81
	70° 25' 43"	14.51		
2626			477574.49	1272004.48
	69° 05' 42"	13.65		
2627			477579.36	1272017.23
	47° 43' 43"	17.23		
2628			477590.95	1272029.98
	50° 18' 12"	14.15		
2629			477599.99	1272040.87
	30° 47' 19"	14.03		
2630			477612.04	1272048.05
	30° 03' 58"	10.18		
2631			477620.85	1272053.15
	13° 16' 52"	8.1		
2632			477628.73	1272055.01
	352° 05' 57"	15.2		
2633			477643.79	1272052.92
	341° 26' 05"	30.56		
2634			477672.76	1272043.19
	336° 56' 23"	13.61		
2635			477685.28	1272037.86
	6° 06' 45"	13.05		
2636			477698.26	1272039.25
	19° 37' 40"	10.33		
2637			477707.99	1272042.72
	57° 12' 23"	12.41		
2638			477714.71	1272053.15
	43° 40' 42"	14.1		
2639			477724.91	1272062.89
	359° 11' 17"	16.23		
2640			477741.14	1272062.66
	359° 04' 22"	14.83		
2641			477755.97	1272062.42
	62° 18' 37"	10.48		
2642			477760.84	1272071.7
	121° 01' 28"	8.11		
2643			477756.66	1272078.65
	135° 48' 04"	11.63		
2644			477748.32	1272086.76
	106° 53' 07"	13.56		
2645			477744.38	1272099.74
	67° 54' 32"	17.26		
2646			477750.87	1272115.73
	52° 55' 43"	13.07		

2647			477758.75	1272126.16
	41° 52' 43"	18.05		
2648			477772.19	1272138.21
	32° 07' 27"	11.77		
2649			477782.16	1272144.47
	8° 02' 57"	43.06		
2650			477824.8	1272150.5
	26° 51' 44"	18.97		
2651			477841.72	1272159.07
	38° 16' 57"	33.67		
2652			477868.15	1272179.93
	30° 59' 04"	18.92		
2653			477884.37	1272189.67
	11° 18' 08"	29.54		
2654			477913.34	1272195.46
	351° 32' 33"	39.37		
2655			477952.28	1272189.67
	342° 23' 32"	19.93		
2656			477971.28	1272183.64
	330° 52' 50"	39.54		
2657			478005.82	1272164.4
	327° 11' 51"	20.95		
2658			478023.43	1272153.05
	9° 44' 43"	13.65		
2659			478036.88	1272155.36
	25° 25' 00"	20.53		
2660			478055.42	1272164.17
	32° 11' 47"	29.58		
2661			478080.45	1272179.93
	27° 41' 21"	42.4		
2662			478117.99	1272199.63
	17° 21' 46"	19.44		
2663			478136.54	1272205.43
	22° 43' 01"	18.59		
2664			478153.69	1272212.61
	32° 22' 01"	16.46		
2665			478167.59	1272221.42
	66° 55' 23"	13.6		
2666			478172.92	1272233.93
	63° 47' 09"	16.8		
2667			478180.34	1272249
	80° 43' 19"	23.01		
2668			478184.05	1272271.71
	53° 15' 11"	25.17		
2669			478199.11	1272291.88
	27° 25' 57"	13.59		
2670			478211.17	1272298.14

	34° 33' 59"	8.16		
2671			478217.89	1272302.77
	61° 57' 19"	15.76		
2672			478225.3	1272316.68
	73° 31' 53"	14.74		
2673			478229.48	1272330.82
	39° 34' 32"	15.63		
2674			478241.53	1272340.78
	4° 32' 34"	23.48		
2675			478264.94	1272342.64
	353° 31' 42"	22.62		
2676			478287.42	1272340.09
	358° 44' 13"	31.76		
2677			478319.17	1272339.39
	31° 27' 07"	27.98		
2678			478343.04	1272353.99
	42° 03' 34"	31.84		
2679			478366.68	1272375.32
	40° 34' 41"	21.37		
2680			478382.91	1272389.22
	14° 33' 36"	36.87		
2681			478418.6	1272398.49
	7° 42' 12"	48.42		
2682			478466.58	1272404.98
	25° 01' 41"	15.34		
2683			478480.48	1272411.47
	38° 10' 04"	30.37		
2684			478504.36	1272430.24
	43° 09' 19"	35.59		
2685			478530.32	1272454.58
	30° 00' 24"	19		
2686			478546.77	1272464.08
	358° 53' 46"	23.87		
2687			478570.64	1272463.62
	326° 09' 21"	23.72		
2688			478590.34	1272450.41
	348° 15' 31"	18.23		
2689			478608.19	1272446.7
	16° 42' 44"	16.94		
2690			478624.41	1272451.57
	26° 06' 17"	38.98		
2691			478659.41	1272468.72
	47° 54' 39"	32.17		
2692			478680.97	1272492.59
	88° 32' 33"	18.09		
2693			478681.43	1272510.67
	82° 03' 33"	20.12		

2694			478684.21	1272530.6
	48° 40' 10"	17.9		
2695			478696.03	1272544.04
	16° 47' 51"	12.84		
2696			478708.32	1272547.75
	1° 15' 52"	10.42		
2697			478718.74	1272547.98
	333° 28' 48"	11.4		
2698			478728.94	1272542.89
	346° 49' 09"	7.15		
2699			478735.9	1272541.26
	63° 53' 10"	14.2		
2700			478742.15	1272554.01
	35° 20' 15"	15.63		
2701			478754.9	1272563.05
	31° 15' 41"	22.78		
2702			478774.37	1272574.87
	16° 30' 01"	19.58		
2703			478793.14	1272580.43
	9° 27' 44"	7.06		
2704			478800.1	1272581.59
	40° 17' 34"	17.92		
2705			478813.77	1272593.18
	10° 32' 37"	24.05		
2706			478837.41	1272597.58
	349° 59' 46"	16		
2707			478853.17	1272594.8
	330° 56' 55"	16.7		
2708			478867.77	1272586.69
	354° 46' 19"	7.68		
2709			478875.42	1272585.99
	15° 57' 04"	13.5		
2710			478888.4	1272589.7
	58° 19' 10"	22.07		
2711			478899.99	1272608.48
	64° 03' 59"	19.07		
2712			478908.33	1272625.63
	44° 58' 50"	20.98		
2713			478923.17	1272640.46
	17° 11' 05"	13.34		
2714			478935.91	1272644.4
	359° 18' 09"	37.78		
2715			478973.69	1272643.94
	343° 25' 22"	29.27		
2716			479001.74	1272635.59
	5° 15' 29"	22.81		
2717			479024.45	1272637.68

	17° 02' 41"	36.37		
2718			479059.22	1272648.34
	42° 22' 14"	17.88		
2719			479072.43	1272660.39
	64° 53' 35"	20.74		
2720			479081.23	1272679.17
	68° 56' 33"	22.6		
2721			479089.35	1272700.26
	52° 16' 41"	24.61		
2722			479104.41	1272719.73
	37° 02' 25"	29.62		
2723			479128.05	1272737.57
	15° 26' 32"	32.22		
2724			479159.11	1272746.15
	358° 38' 57"	19.94		
2725			479179.04	1272745.68
	347° 28' 37"	32.05		
2726			479210.33	1272738.73
	337° 11' 28"	19.11		
2727			479227.95	1272731.32
	354° 40' 06"	20.02		
2728			479247.88	1272729.46
	10° 13' 24"	16.96		
2729			479264.57	1272732.47
	47° 58' 53"	19.03		
2730			479277.31	1272746.61
	59° 32' 53"	21.51		
2731			479288.21	1272765.15
	14° 49' 19"	29.01		
2732			479316.25	1272772.57
	0° 00' 00"	29.43		
2733			479345.68	1272772.57
	346° 19' 06"	27.44		
2734			479372.34	1272766.08
	5° 42' 38"	13.97		
2735			479386.24	1272767.47
	19° 25' 24"	20.9		
2736			479405.95	1272774.42
	33° 04' 44"	17.42		
2737			479420.55	1272783.93
	37° 07' 15"	9.59		
2738			479428.2	1272789.72
	22° 52' 01"	20.87		
2739			479447.43	1272797.83
	10° 15' 09"	19.55		
2740			479466.67	1272801.31
	0° 00' 00"	6.49		

2741			479473.16	1272801.31
	41° 15' 21"	20.03		
2742			479488.22	1272814.52
	36° 39' 28"	12.43		
2743			479498.19	1272821.94
	358° 53' 07"	11.82		
2744			479510.01	1272821.71
	351° 59' 07"	13.34		
2745			479523.22	1272819.85
	349° 34' 51"	8.96		
2746			479532.03	1272818.23
	4° 59' 10"	10.7		
2747			479542.69	1272819.16
	60° 49' 19"	9.03		
2748			479547.09	1272827.04
	59° 28' 35"	10.49		
2749			479552.42	1272836.08
	46° 15' 48"	22.13		
2750			479567.72	1272852.07
	30° 31' 25"	10.49		
2751			479576.76	1272857.4
	13° 13' 33"	20.24		
2752			479596.46	1272862.03
	24° 57' 24"	47.8		
2753			479639.8	1272882.2
	8° 53' 07"	15.02		
2754			479654.64	1272884.52
	37° 27' 15"	13.14		
2755			479665.07	1272892.51
	47° 24' 49"	17.63		
2756			479677	1272905.49
	38° 05' 25"	25.92		
2757			479697.4	1272921.48
	19° 45' 20"	14.41		
2758			479710.96	1272926.35
	9° 13' 59"	18.07		
2759			479728.8	1272929.25
	350° 08' 33"	17.64		
2760			479746.18	1272926.23
	356° 53' 16"	16.94		
2761			479763.1	1272925.31
	14° 52' 08"	15.35		
2762			479777.94	1272929.25
	36° 22' 00"	31.66		
2763			479803.43	1272948.02
	12° 18' 01"	13.05		
2764			479816.18	1272950.8

	340° 20' 52"	24.11		
2765			479838.89	1272942.69
	30° 29' 27"	9.14		
2766			479846.77	1272947.33
	66° 14' 23"	25.32		
2767			479856.97	1272970.5
	90° 39' 26"	40.1		
2768			479856.51	1273010.6
	66° 13' 56"	14.94		
2769			479862.53	1273024.27
	35° 32' 01"	15.95		
2770			479875.51	1273033.54
	11° 59' 51"	18.95		
2771			479894.05	1273037.48
	5° 49' 50"	11.42		
2772			479905.41	1273038.64
	27° 17' 12"	16.69		
2773			479920.24	1273046.29
	7° 22' 31"	14.49		
2774			479934.61	1273048.15
	339° 54' 37"	33.07		
2775			479965.67	1273036.79
	345° 57' 08"	23.89		
2776			479988.85	1273030.99
	8° 28' 59"	22.03		
2777			480010.64	1273034.24
	20° 46' 48"	14.38		
2778			480024.08	1273039.34
	37° 29' 05"	17.52		
2779			480037.98	1273050
	38° 59' 18"	25.05		
2780			480057.45	1273065.76
	33° 17' 50"	19.42		
2781			480073.68	1273076.42
	56° 44' 55"	17.75		
2782			480083.41	1273091.26
	22° 11' 46"	24.54		
2783			480106.13	1273100.53
	52° 25' 45"	15.2		
2784			480115.4	1273112.58
	98° 25' 52"	25.3		
2785			480111.69	1273137.61
	75° 15' 29"	36.43		
2786			480120.96	1273172.84
	45° 35' 12"	32.45		
2787			480143.67	1273196.02
	59° 24' 54"	35.53		

2788			480161.75	1273226.61
	53° 46' 29"	49.41		
2789			480190.95	1273266.47
	66° 47' 57"	31.78		
2790			480203.47	1273295.68
	42° 04' 13"	25.6		
2791			480222.47	1273312.83
	357° 05' 26"	27.39		
2792			480249.82	1273311.44
	5° 54' 01"	13.52		
2793			480263.27	1273312.83
	67° 42' 50"	19.54		
2794			480270.68	1273330.91
	0° 00' 00"	31.98		
2795			480270.68	1273362.89
	106° 46' 58"	25.66		
2796			480263.27	1273387.46
	100° 13' 20"	23.55		
2797			480259.09	1273410.64
	67° 22' 33"	30.13		
2798			480270.68	1273438.45
	41° 20' 10"	30.87		
2799			480293.86	1273458.84
	22° 33' 52"	32.63		
2800			480323.99	1273471.36
	354° 57' 35"	15.82		
2801			480339.75	1273469.97
	25° 43' 45"	28.82		
2802			480365.71	1273482.48
	10° 05' 05"	21.19		
2803			480386.57	1273486.19
	344° 40' 50"	35.09		
2804			480420.41	1273476.92
	18° 04' 46"	22.43		
2805			480441.73	1273483.88
	48° 19' 58"	67.63		
2806			480486.69	1273534.4
	13° 18' 42"	44.3		
2807			480529.8	1273544.6
	31° 35' 36"	21.23		
2808			480547.88	1273555.72
	56° 47' 41"	30.48		
2809			480564.57	1273581.22
	55° 32' 02"	37.67		
2810			480585.89	1273612.28
	29° 11' 30"	36.11		
2811			480617.41	1273629.89

	354° 36' 21"	24.68		
2812			480641.98	1273627.57
	337° 42' 50"	19.54		
2813			480660.06	1273620.16
	319° 49' 40"	19.41		
2814			480674.89	1273607.64
	308° 13' 24"	19.48		
2815			480686.94	1273592.34
	301° 13' 39"	17.88		
2816			480696.21	1273577.05
	293° 37' 17"	16.2		
2817			480702.7	1273562.21
	285° 17' 24"	15.85		
2818			480706.88	1273546.92
	285° 30' 17"	17.32		
2819			480711.51	1273530.23
	308° 02' 18"	13.53		
2820			480719.85	1273519.57
	306° 03' 54"	20.08		
2821			480731.67	1273503.34
	342° 22' 40"	16.05		
2822			480746.97	1273498.48
	2° 22' 03"	16.7		
2823			480763.66	1273499.17
	25° 11' 59"	21.77		
2824			480783.36	1273508.44
	44° 14' 31"	24.58		
2825			480800.97	1273525.59
	57° 53' 42"	32.29		
2826			480818.13	1273552.94
	54° 01' 49"	24.06		
2827			480832.26	1273572.41
	49° 32' 34"	10.36		
2828			480838.98	1273580.29
	34° 58' 02"	11.32		
2829			480848.26	1273586.78
	1° 08' 16"	11.58		
2830			480859.84	1273587.01
	38° 47' 00"	16.65		
2831			480872.82	1273597.44
	43° 23' 40"	29.02		
2832			480893.91	1273617.38
	40° 22' 47"	14.31		
2833			480904.81	1273626.65
	49° 00' 25"	18.72		
2834			480917.09	1273640.78
	61° 15' 40"	16.39		

2835			480924.97	1273655.15
	56° 01' 33"	12.87		
2836			480932.16	1273665.82
	48° 08' 42"	9.02		
2837			480938.18	1273672.54
	18° 57' 58"	7.85		
2838			480945.6	1273675.09
	330° 27' 03"	7.99		
2839			480952.55	1273671.15
	312° 55' 40"	9.19		
2840			480958.81	1273664.42
	302° 39' 00"	6.88		
2841			480962.52	1273658.63
	353° 46' 42"	12.83		
2842			480975.27	1273657.24
	21° 50' 08"	12.48		
2843			480986.85	1273661.88
	61° 51' 16"	15.24		
2844			480994.04	1273675.32
	81° 31' 05"	26.71		
2845			480997.98	1273701.74
	81° 06' 25"	26.97		
2846			481002.15	1273728.39
	65° 28' 36"	17.32		
2847			481009.34	1273744.15
	35° 45' 14"	23.41		
2848			481028.34	1273757.83
	6° 13' 18"	25.65		
2849			481053.84	1273760.61
	358° 32' 43"	36.63		
2850			481090.46	1273759.68
	354° 06' 53"	29.35		
2851			481119.66	1273756.67
	9° 09' 06"	29.11		
2852			481148.4	1273761.3
	5° 47' 05"	20.74		
2853			481169.03	1273763.39
	353° 25' 11"	24.26		
2854			481193.13	1273760.61
	358° 24' 45"	66.78		
2855			481259.88	1273758.76
	17° 00' 57"	23.75		
2856			481282.59	1273765.71
	31° 15' 41"	15.18		
2857			481295.57	1273773.59
	42° 36' 24"	15.75		
2858			481307.16	1273784.25

	71° 59' 00"	19.5		
2859			481313.19	1273802.79
	32° 03' 14"	8.74		
2860			481320.6	1273807.43
	348° 41' 53"	14.19		
2861			481334.51	1273804.65
	346° 54' 19"	61.4		
2862			481394.31	1273790.74
	328° 12' 44"	11.45		
2863			481404.04	1273784.71
	294° 13' 12"	10.16		
2864			481408.21	1273775.44
	360° 00' 00"	11.12		
2865			481408.21	1273764.32
	256° 20' 02"	17.65		
2866			481404.04	1273747.17
	267° 00' 40"	8.82		
2867			481403.58	1273738.36
	285° 14' 44"	10.57		
2868			481406.36	1273728.16
	4° 59' 10"	10.7		
2869			481417.02	1273729.09
	40° 27' 26"	31.07		
2870			481440.66	1273749.25
	358° 27' 52"	8.58		
2871			481449.24	1273749.02
	339° 50' 46"	19.5		
2872			481467.55	1273742.3
	26° 11' 13"	16.27		
2873			481482.15	1273749.48
	82° 29' 27"	12.4		
2874			481483.77	1273761.77
	88° 39' 32"	29.91		
2875			481484.47	1273791.67
	70° 28' 59"	19.43		
2876			481490.96	1273809.98
	56° 30' 12"	37.8		
2877			481511.82	1273841.5
	37° 47' 28"	28.74		
2878			481534.53	1273859.11
	22° 22' 55"	17.04		
2879			481550.29	1273865.6
	342° 11' 23"	13.63		
2880			481563.27	1273861.43
	334° 25' 57"	11.82		
2881			481573.93	1273856.33
	349° 51' 58"	6.59		

2882			481580.42	1273855.17
	12° 54' 56"	11.41		
2883			481591.54	1273857.72
	64° 31' 39"	10.79		
2884			481596.18	1273867.46
	94° 05' 26"	16.26		
2885			481595.02	1273883.68
	108° 03' 19"	22.42		
2886			481588.07	1273905
	91° 04' 20"	12.29		
2887			481587.84	1273917.29
	34° 24' 47"	15.16		
2888			481600.35	1273925.86
	16° 53' 07"	13.56		
2889			481613.33	1273929.8
	330° 01' 13"	41.75		
2890			481649.49	1273908.94
	320° 02' 29"	33.55		
2891			481675.21	1273887.39
	11° 06' 17"	12.05		
2892			481687.03	1273889.71
	50° 44' 59"	11.36		
2893			481694.22	1273898.51
	45° 59' 04"	38.68		
2894			481721.1	1273926.33
	34° 31' 34"	21.67		
2895			481738.95	1273938.61
	38° 11' 03"	52.49		
2896			481780.21	1273971.06
	4° 32' 34"	14.65		
2897			481794.81	1273972.22
	327° 56' 46"	8.74		
2898			481802.22	1273967.58
	309° 10' 10"	12.11		
2899			481809.87	1273958.19
	274° 22' 25"	12.2		
2900			481810.8	1273946.03
	256° 43' 30"	8.58		
2901			481808.83	1273937.68
	287° 08' 19"	8.25		
2902			481811.26	1273929.8
	309° 10' 53"	10.46		
2903			481817.87	1273921.69
	352° 25' 04"	12.28		
2904			481830.04	1273920.07
	2° 45' 20"	12.06		
2905			481842.09	1273920.65

	20° 50' 09"	21.82		
2906			481862.48	1273928.41
	31° 30' 29"	20.4		
2907			481879.87	1273939.07
	37° 27' 00"	32.4		
2908			481905.59	1273958.77
	66° 52' 34"	17.14		
2909			481912.32	1273974.53
	19° 47' 00"	49.99		
2910			481959.36	1273991.45
	6° 58' 10"	42.03		
2911			482001.08	1273996.55
	0° 00' 00"	25.03		
2912			482026.11	1273996.55
	22° 29' 51"	49.68		
2913			482072.01	1274015.56
	39° 28' 30"	20.42		
2914			482087.77	1274028.54
	359° 22' 55"	43.57		
2915			482131.34	1274028.07
	6° 48' 41"	31.28		
2916			482162.4	1274031.78
	20° 52' 53"	29.26		
2917			482189.74	1274042.21
	50° 57' 05"	11.05		
2918			482196.7	1274050.79
	77° 17' 38"	14.73		
2919			482199.94	1274065.16
	112° 00' 27"	46.99		
2920			482182.33	1274108.73
	97° 39' 25"	12.16		
2921			482180.71	1274120.78
	62° 48' 11"	18.25		
2922			482189.05	1274137.01
	23° 03' 41"	15.37		
2923			482203.19	1274143.03
	353° 59' 36"	13.28		
2924			482216.4	1274141.64
	328° 25' 03"	33.19		
2925			482244.67	1274124.26
	330° 09' 49"	16.3		
2926			482258.81	1274116.15
	17° 04' 10"	12.61		
2927			482270.86	1274119.85
	81° 06' 53"	7.51		
2928			482272.02	1274127.27
	82° 51' 22"	7.48		

2929			482272.95	1274134.69
	131° 45' 43"	34.8		
2930			482249.77	1274160.65
	78° 08' 57"	10.18		
2931			482251.86	1274170.61
	29° 37' 25"	11.73		
2932			482262.06	1274176.41
	359° 24' 45"	23.41		
2933			482285.47	1274176.17
	353° 39' 44"	50.37		
2934			482335.53	1274170.61
	3° 19' 43"	16.02		
2935			482351.52	1274171.54
	41° 43' 14"	11.5		
2936			482360.1	1274179.19
	64° 18' 32"	27.27		
2937			482371.92	1274203.76
	34° 32' 37"	12.66		
2938			482382.35	1274210.94
	21° 17' 08"	33.83		
2939			482413.87	1274223.22
	48° 34' 16"	29.06		
2940			482433.1	1274245.01
	16° 41' 28"	33.88		
2941			482465.55	1274254.74
	14° 16' 55"	52.62		
2942			482516.54	1274267.72
	9° 06' 04"	35.21		
2943			482551.31	1274273.29
	347° 57' 33"	28.91		
2944			482579.58	1274267.26
	299° 10' 53"	22.83		
2945			482590.71	1274247.33
	287° 10' 20"	26.69		
2946			482598.59	1274221.83
	257° 49' 33"	24.18		
2947			482593.49	1274198.19
	240° 56' 12"	19.08		
2948			482584.22	1274181.51
	302° 36' 36"	27.52		
2949			482599.05	1274158.33
	339° 03' 45"	16.87		
2950			482614.81	1274152.3
	355° 52' 04"	38.58		
2951			482653.29	1274149.52
	336° 04' 53"	58.31		
2952			482706.59	1274125.88

	354° 30' 09"	48.43		
2953			482754.8	1274121.24
	312° 17' 36"	13.78		
2954			482764.07	1274111.05
	272° 38' 29"	30.16		
2955			482765.46	1274080.92
	290° 43' 41"	18.34		
2956			482771.95	1274063.77
	320° 22' 18"	38.52		
2957			482801.62	1274039.2
	297° 16' 09"	50.59		
2958			482824.8	1273994.23
	320° 23' 01"	34.89		
2959			482851.68	1273971.98
	342° 11' 23"	40.9		
2960			482890.62	1273959.47
	26° 03' 27"	23.22		
2961			482911.48	1273969.67
	86° 06' 01"	20.44		
2962			482912.87	1273990.06
	30° 02' 38"	44.44		
2963			482951.34	1274012.31
	16° 46' 03"	75.53		
2964			483023.66	1274034.1
	22° 29' 17"	61.2		
2965			483080.21	1274057.51
	350° 26' 25"	37.75		
1			483117.44	1274051.24

Статья 2

Настоящий Закон вступает в силу на следующий день после дня его официального опубликования.

Глава
Тамбовской области

М.Егоров

г. Тамбов
«__» _____ 2024 г.
№ ____