

**Описание границ
муниципального образования –
Тамбовский район Тамбовской области**

Участок 1

I. Участок границы с муниципальным образованием – Сосновский район Тамбовской области (от А до Б).

Граница с муниципальным образованием – Сосновский район Тамбовской области проходит:
- от т. 1(А) до т. 521(Б) по границе Сосновского района Тамбовской области.

II. Участок границы с муниципальным образованием – Бондарский район Тамбовской области (от Б до В).

Граница с муниципальным образованием – Бондарский район Тамбовской области проходит:
- от т. 521(Б) до т. 807(В) по границе Бондарского района Тамбовской области.

III. Участок границы с муниципальным образованием – Рассказовский район Тамбовской области (от В до Г).

Граница с муниципальным образованием – Рассказовский район Тамбовской области проходит:
- от т. 807(В) до т. 915 по правому берегу пруда, затем по ручью, далее по краю лесного массива, пересекая ручей, от ручья по краю лесного массива, затем пересекая лесной массив;
- от т. 915 до т. 1029 пересекая лесной массив, затем по северной стороне лесного массива, далее по северо-западной границе лесного массива и по западной границе лесного массива;
- от т. 1029 до т. 1102 пересекая лесной массив, затем по южной стороне полосы отвода железной дороги, по границе приусадебных земель н.п. пос. Военсовхоз «Новая Ляда», далее по юго-западной стороны полосы отвода железной дороги;
- от т. 1102 до т. 1133 по границе приусадебных земель ж.-д. станции Рада;
- от т. 1133 до т. 1137 по границе лесного участка;
- от т. 1137 до т. 1144 по юго-восточной стороне полосы отвода железной дороги;
- от т. 1144 до т. 1166 по границе приусадебных земель пос. Георгиевский;
- от т. 1166 до т. 1173(Г) по юго-восточной стороне полосы отвода железной дороги.

IV. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от Г до Д).

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:
- от т. 1173(Г) до т. 1188 по южной стороне полосы отвода железной дороги;
- от т. 1188 до т. 1203 по правому берегу реки Цна;
- от т. 1203 до т. 1627 по границе города Тамбова;
- от т. 1627 до т. 1642 в общем восточном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 1642 до т. 1653 в общем северном направлении по границе земельных участков, предназначенных для жилищного строительства;
- от т. 1653 до 1655 на юго-запад по земельному участку акционерного общества Племенного завода «Пригородный»;
- от т. 1655 до т. 1679 на северо-запад вдоль восточной стороны строящейся автодороги;
- от т. 1679 до т. 1681 на юго-запад вдоль строящейся автодороги;

- от т. 1681 до т. 1684 в общем северо-западном направлении по проселочной дороге вдоль лесополосы;
- от т. 1684 до т. 1686 на юго-запад по южной стороне лесополосы;
- от т. 1686 до т. 1689 на север по западной стороне лесополосы;
- от т. 1689 до т. 1696 на запад по проселочной дороге, огибая микрорайон «Майский», до лесополосы;
- от т. 1696 до т. 1699 на юго-запад вдоль земельного участка акционерного общества Племенного завода «Пригородный»;
- от т. 1699 до т. 1700 на север вдоль древесно-кустарниковой растительности;
- от т. 1700 до т. 1705 вдоль южной стороны лесополосы;
- от т. 1705 до т. 1708 вдоль восточной стороны автодороги «Тамбов - Пенза»;
- от т. 1708 до т. 1709 по северо-восточной стороне ул. Мичуринской до восточной стороны автодороги «Тамбов - Пенза»;
- от т. 1709 до т. 1845 по границе города Тамбова;
- от т. 1845 до т. 1855 по юго-восточной стороне лесополосы;
- от т. 1855 до т. 1873 по пересыхающему ручью, пересекая полосу отвода автодороги «Воронеж - Тамбов»;
- от т. 1873 до т. 1917 по восточной стороне полосы отвода автодороги «Каспий»;
- от т. 1917 до т. 1918 по меже пахотных угодий;
- от т. 1918 до т. 1919 по восточной стороне лесополосы, затем по меже;
- от т. 1919 до т. 1939 по северной стороне лесополосы;
- от 1939 до т. 1942 по восточной стороне Татарского вала;
- от т. 1942 до т. 1943 по меже;
- от т. 1943 до т. 1947 по западной стороне лесополосы;
- от т. 1947 до т. 1981 по границе пахотных угодий, затем по южной стороне лесополосы, далее по меже нарушенных земель и пастбищного участка и доходит до полосы отвода ж/д «Тамбов - Обловка»;
- от т. 1981 до т. 1983 пересекает полосу отвода ж/д «Тамбов – Обловка» до полосы отвода а/д «Тамбов – Котовск – Кузьмино-Гать»;
- от т. 1983 до т. 1985(Д) пересекает полосу отвода а/д «Тамбов – Котовск – Кузьмино-Гать».

V. Участок границы с муниципальным образованием – г. Котовск Тамбовской области (от Д до Е).

Граница с муниципальным образованием – г. Котовск Тамбовской области проходит:

- от т. 1985(Д) до т. 2291(Е) по северо-восточной стороне полосы отвода автомобильной дороги «Тамбов-Котовск». Пересекая полосу отвода автомобильной дороги «Тамбов - Котовск» по южной стороне полосы отвода автомобильной дороги «Тамбов - Котовск», затем по заболоченной местности до полосы отвода автомобильной дороги, далее по южной стороне полосы отвода автомобильной дороги «Тамбов-Котовск». По грунтовой дороге до полосы отвода автомобильной дороги «Тамбов- Котовск», затем по восточной окраине дороги «Тамбов – Кузьмино - Гать», далее от автомобильной дороги «Тамбов – Кузьмино - Гать» по окраине с. Кузьмино-Гать. От окраины с. Кузьмино-Гать по старому руслу реки Цна, затем по середине реки Цна, далее по границе лесных кварталов и далее по границе складов ФКП «Тамбовский пороховой завод».

VI. Участок границы с муниципальным образованием – Рассказовский район Тамбовской области (от Е до Ж).

Граница с муниципальным образованием – Рассказовский район Тамбовской области проходит:

- от 2291(Е) до т. 2313(Ж) пересекая лесной массив, затем по берегу водохранилища, далее по плотине.

VII. Участок границы с муниципальным образованием – Знаменский район Тамбовской области (от Ж до З).

Граница с муниципальным образованием – Знаменский район Тамбовской области проходит:

- от т. 2313(Ж) до т. 2497 по границе лесного массива, затем по середине реки Лесной Тамбов, далее по границе лесного массива, пересекая пастбищный участок по юго-восточной стороне полевой дороги. Пересекая реку Лесной Тамбов и автодорогу «Тамбов - Котовск» - Старчики – Кариан – Строганово - Сампур, затем по юго-западной стороне автодороги «Тамбов - Котовск» - Старчики – Кариан – Строганово - Сампур и по северо-западной стороне полевой дороги, далее по середине реки Цна, пересекая лесной участок и железную дорогу по границе пастбищного участка и далее пересекает лесной массив;

- от т. 2497 до т. 2649 по середине реки Цна, затем по границе лесного массива, далее по середине реки Липовица и пересекая лесной массив по середине реки Липовица;

- от т. 2649 до т. 2710 по середине реки Липовица, затем по пастбищному участку, далее по северо-восточной стороне полевой дороги и по участку, занятому древесно - кустарниковой растительностью;

- от т. 2710 до т. 2789 по северо-восточной стороне автодороги Р-22 «Каспий» («Автомобильная дорога М-4 «Дон» - Тамбов - Волгоград - Астрахань»), затем пересекая автодорогу по юго-западной стороне автодороги Р-22 «Каспий» («Автомобильная дорога М 4 «Дон» - Тамбов - Волгоград - Астрахань»), далее по пастбищному участку и пересекая реку Б. Липовица по ручью. Пересекая реку Б. Липовица и автодорогу по юго-восточной стороне лесополосы, затем по северо-западной стороне полевой дороги, по юго-западной стороне лесополосы, далее по юго-восточной стороне полевой дороги и затем по юго-западной стороне лесополосы. По пастбищному участку, затем по северо-восточной и северной сторонам полевой дороги, далее по юго-восточной и северо-восточной сторонам полевой дороги;

- от т. 2789 до т. 2803 по юго-восточной стороне лесополосы, далее по меже;

- от т. 2803 до т. 3030 по пастбищному участку, по ручью, затем по пастбищному участку, далее по южной, западной и юго-западной сторонам лесополосы. По пастбищному участку, затем по середине пруда, плотине, далее по юго-западной стороне лесополосы. Пересекая автодорогу Р-193 «Воронеж-Тамбов» и лесополосы по западной и северной сторонам лесополосы, затем по пастбищному участку, далее по середине реки Бол. Липовица и по ручью. По юго-восточной, юго-западной сторонам лесополосы, затем по северо-западной стороне лесополосы, далее по юго-западной стороне полевой дороги и далее по пастбищному участку;

- от т. 3030 до т. 3078(З) по ручью, затем по юго-западной стороне полевой дороги, далее по северо-восточной стороне лесополосы и далее по северо-западной стороне полевой дороги.

VIII. Участок границы с муниципальным образованием – Петровский район Тамбовской области (от З до И).

Граница с муниципальным образованием – Петровский район Тамбовской области проходит:

- от т. 3078(З) до т. 3272(И) по границе Петровского района Тамбовской области.

IX. Участок границы с муниципальным образованием – Никифоровский район Тамбовской области (от И до А).

Граница с муниципальным образованием – Никифоровский район Тамбовской области проходит:

- от т. 3272(И) до т. 3416 по юго-западной стороне лесополосы, затем по северо-западной стороне полевой дороги, далее по юго-западной стороне лесополосы. По юго-восточной стороне полосы отвода автодороги Р-119 «Орел - Ливны - Елец - Липецк - Тамбов», затем пересекая автодорогу по северо-восточной стороне автодороги, далее по северо-восточной стороне автодороги. По северо-западной стороне лесополосы, затем пересекая ручей по северо-западной стороне полевой дороги, далее по меже и пересекая автодорогу по пастбищному участку. По ручью, затем по середине реки Малая Сурена, далее по меже и по северо-западной стороне полевой дороги;
- от т. 3416 до т. 3435 по северо-западной и северной сторонам полевой дороги, затем по северной стороне лесополосы, далее по пастбищному участку. По середине пруда, затем по пастбищному участку, далее по северо-западной стороне полевой дороги и далее по юго-западной стороне лесополосы;
- от т. 3435 до т. 3479 по северо-восточной и восточной сторонам полевой дороги, затем пересекая ручей по западной стороне полевой дороги, далее по пастбищному участку и далее по северо-восточной стороне лесополосы;
- от т. 3479 до т. 3658 по юго-восточной стороне автодороги, затем по меже, далее по ручью и по меже. По границе приусадебных земель н.п. Красная Криуша, затем по середине реки Криуша, по ручью, далее по меже и далее пересекая ручей по юго-восточной стороне лесополосы;
- от т. 3658 до т. 3701 пересекая железную дорогу по юго-восточной стороне лесополосы, затем по границе участка, занятого многолетними насаждениями, далее по ручью;
- от т. 3701 до т. 1(А) по границе пастбищного участка, далее пересекая лесополосу.

X. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от К до К).

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 3966(К) до т. 3966(К) по границе города Тамбова.

XI. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от Л до Л).

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4020(Л) до т. 4020(Л) по границе города Тамбова.

XII. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от М до М).

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4144(М) до т. 4144(М) по границе города Тамбова.

XIII. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от Н до Н).

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4204(Н) до т. 4204(Н) по границе города Тамбова.

Участок 2**XIV. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от О до О).**

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4210(О) до т. 4210(О) по границе города Тамбова.

Участок 3**XV. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от П до П).**

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4242(П) до т. 4242(П) по границе города Тамбова.

Участок 4**XVI. Участок границы с муниципальным образованием – г. Тамбов Тамбовской области (от Р до Р).**

Граница с муниципальным образованием – г. Тамбов Тамбовской области проходит:

- от т. 4267(Р) до т. 4268 по границе г. Тамбова;

- от т. 4268 до т. 4277 в северо-западном, меняя направление на северо-восток, по границе земельных участков, предназначенных для жилищного строительства;

- от т. 4277 до т. 4278 на северо-восток, пересекая пустырь;

- от т. 4278 до т. 4267(Р) на юго-восток по восточной стороне автодороги.

**Каталог координат
характерных точек границ муниципального образования –
Тамбовский район Тамбовской области**

Название (номер) межевого знака	Дирекционные углы (град. мин. сек.)	Длина линии (м)	X координата	Y координата
1			448840.44	1225408.38
	138° 11' 25"	73.6		
2			448785.61	1225457.42
	141° 19' 38"	160.7		
3			448660.18	1225557.81
	142° 21' 8"	105.2		
4			448576.88	1225622.07
	123° 21' 2"	198.6		
5			448467.7	1225787.96
	121° 58' 17"	80.5		
6			448425.05	1225856.29
	124° 32' 44"	152.3		
7			448338.69	1225981.73
	108° 56' 23"	70.7		
8			448315.75	1226048.58
	109° 12' 32"	295.4		
9			448218.55	1226327.56
	108° 43' 3"	392.4		
10			448092.62	1226699.23
	108° 35' 36"	411.5		
11			447961.41	1227089.26
	86° 44' 50"	369.6		
12			447982.38	1227458.24
	88° 27' 3"	310.4		
13			447990.77	1227768.51
	73° 31' 15"	383.7		
14			448099.61	1228136.44
	3° 28' 18"	4.8		
15			448104.39	1228136.73
	75° 0' 38"	5.1		
16			448105.71	1228141.66
	74° 31' 43"	12.8		
17			448109.12	1228153.98
	74° 28' 33"	8.4		
18			448111.37	1228162.08
	181° 52' 49"	7.3		
19			448104.06	1228161.84
	73° 18' 35"	286.5		
20			448186.33	1228436.23
	81° 19' 59"	345.8		
21			448238.44	1228778.09
	80° 0' 5"	1 134.2		
22			448435.36	1229895.05
	12° 13' 25"	36.9		
23			448471.41	1229902.86
	13° 29' 48"	169.5		
24			448636.23	1229942.42
	12° 20' 13"	41.1		
25			448676.42	1229951.21
	19° 22' 12"	11.8		

26			448687.57	1229955.13
	12° 41' 23"	176.2		
27			448859.48	1229993.84
	357° 31' 11"	125.9		
28			448985.3	1229988.39
	356° 50' 31"	297.7		
29			449282.54	1229971.99
	356° 16' 51"	131.5		
30			449413.77	1229963.46
	355° 35' 16"	23		
31			449436.71	1229961.69
	65° 17' 43"	779.7		
32			449762.56	1230669.99
	61° 59' 29"	228.3		
33			449869.77	1230871.55
	64° 29' 36"	365.5		
34			450027.16	1231201.43
	64° 40' 52"	511.6		
35			450245.93	1231663.85
	353° 38' 52"	458.6		
36			450701.72	1231613.11
	353° 12' 16"	288.6		
37			450988.3	1231578.96
	65° 13' 54"	144.1		
38			451048.65	1231709.76
	62° 21' 37"	18.6		
39			451057.28	1231726.24
	64° 49' 27"	219.8		
40			451150.8	1231925.2
	37° 53' 43"	7.4		
41			451156.62	1231929.73
	162° 39' 1"	37.9		
42			451120.45	1231941.03
	174° 9' 3"	61.7		
43			451059.05	1231947.32
	160° 39' 41"	47.9		
44			451013.83	1231963.19
	136° 23' 9"	43.9		
45			450982.08	1231993.44
	117° 17' 33"	31.3		
46			450967.71	1232021.29
	77° 22' 4"	15		
47			450971	1232035.97
	68° 25' 7"	41.5		
48			450986.28	1232074.6
	83° 39' 54"	35.3		
49			450990.17	1232109.64
	93° 33' 15"	38.7		
50			450987.77	1232148.28
	103° 29' 27"	38.5		
51			450978.79	1232185.71
	41° 9' 37"	29.6		
52			451001.05	1232205.17
	36° 2' 21"	837		
53			451677.86	1232697.61
	166° 37' 47"	222.2		
54			451461.69	1232748.99
	206° 0' 5"	458		
55			451050.06	1232548.21
	203° 55' 26"	73.9		

56			450982.55	1232518.26
	205° 44' 22"	46.3		
57			450940.88	1232498.17
	205° 48' 52"	64.2		
58			450883.1	1232470.22
	205° 19' 6"	33.5		
59			450852.81	1232455.89
	205° 47' 38"	100		
60			450762.74	1232412.36
	206° 1' 54"	76.4		
61			450694.07	1232378.82
	206° 2' 22"	21.5		
62			450674.79	1232369.4
	213° 12' 50"	170.3		
63			450532.32	1232276.12
	149° 38' 17"	57.5		
64			450482.73	1232305.17
	160° 27' 2"	52.4		
65			450433.39	1232322.69
	149° 2' 53"	40.9		
66			450398.34	1232343.71
	122° 44' 0"	42		
67			450375.61	1232379.07
	83° 29' 56"	25.2		
68			450378.46	1232404.08
	100° 28' 45"	44.9		
69			450370.29	1232448.25
	85° 52' 11"	56.8		
70			450374.38	1232504.89
	73° 30' 50"	43.2		
71			450386.65	1232546.35
	81° 15' 10"	46.1		
72			450393.66	1232591.91
	97° 16' 7"	27.7		
73			450390.16	1232619.35
	109° 11' 11"	28.5		
74			450380.81	1232646.22
	137° 15' 14"	31.8		
75			450357.44	1232667.82
	148° 30' 48"	42.5		
76			450321.21	1232690.01
	158° 12' 17"	50.3		
77			450274.47	1232708.7
	124° 46' 12"	25.6		
78			450259.87	1232729.73
	129° 9' 8"	186		
79			450142.43	1232873.97
	91° 18' 55"	152.5		
80			450138.93	1233026.39
	109° 30' 57"	100.9		
81			450105.22	1233121.5
	135° 44' 51"	6		
82			450100.95	1233125.66
	95° 39' 1"	314.5		
83			450069.98	1233438.68
	83° 44' 33"	300.2		
84			450102.7	1233737.09
	128° 5' 36"	171.4		
85			449996.95	1233871.99
	153° 47' 11"	306.7		

86			449721.76	1234007.48
	153° 43' 56"	208.5		
87			449534.8	1234099.75
	215° 38' 35"	165.4		
88			449400.42	1234003.39
	156° 15' 53"	265.5		
89			449157.37	1234110.26
	91° 3' 25"	158.3		
90			449154.45	1234268.52
	97° 43' 19"	195.7		
91			449128.16	1234462.4
	98° 40' 56"	199.7		
92			449098.02	1234659.77
	58° 50' 46"	63.1		
93			449130.67	1234713.78
	16° 4' 28"	19.5		
94			449149.41	1234719.18
	68° 26' 39"	49.8		
95			449167.7	1234765.48
	7° 40' 40"	273.5		
96			449438.74	1234802.02
	354° 15' 4"	140.6		
97			449578.6	1234787.94
	284° 45' 46"	103.4		
98			449604.96	1234687.91
	353° 5' 55"	226.9		
99			449830.18	1234660.65
	25° 56' 37"	98.6		
100			449918.83	1234703.78
	342° 38' 52"	90.4		
101			450005.08	1234676.83
	308° 39' 28"	90.1		
102			450061.38	1234606.45
	307° 5' 35"	92.4		
103			450117.09	1234532.77
	296° 11' 14"	21		
104			450126.37	1234513.9
	286° 42' 6"	65.7		
105			450145.24	1234451.01
	340° 16' 47"	84.3		
106			450224.61	1234422.56
	340° 46' 12"	184.6		
107			450398.91	1234361.76
	339° 42' 18"	69.9		
108			450464.43	1234337.53
	339° 59' 52"	48.7		
109			450510.17	1234320.88
	313° 40' 26"	146.4		
110			450611.25	1234215.01
	313° 26' 34"	101.5		
111			450681.03	1234141.33
	331° 42' 56"	158		
112			450820.17	1234066.46
	330° 9' 29"	154.9		
113			450954.55	1233989.37
	271° 45' 7"	76.5		
114			450956.89	1233912.87
	327° 54' 49"	151.7		
115			451085.43	1233832.28
	329° 32' 3"	141.7		

116			451207.54	1233760.45
	22° 13' 57"	169.8		
117			451364.7	1233824.69
	23° 43' 21"	124		
118			451478.23	1233874.58
	23° 43' 49"	24.1		
119			451500.25	1233884.26
	33° 45' 53"	104		
120			451586.72	1233942.07
	34° 49' 31"	194.3		
121			451746.22	1234053.03
	35° 14' 46"	141.7		
122			451861.91	1234134.78
	304° 0' 57"	177.5		
123			451961.23	1233987.62
	65° 14' 14"	206.4		
124			452047.7	1234175.08
	64° 35' 3"	193.3		
125			452130.67	1234349.69
	354° 20' 41"	248.9		
126			452378.39	1234325.16
	92° 21' 58"	141.5		
127			452372.55	1234466.49
	341° 5' 42"	66.7		
128			452435.65	1234444.88
	310° 4' 53"	67		
129			452478.77	1234393.64
	310° 5' 11"	44.9		
130			452507.69	1234359.28
	312° 30' 23"	252.2		
131			452678.12	1234173.33
	308° 54' 59"	213.9		
132			452812.5	1234006.89
	316° 46' 25"	223.4		
133			452975.3	1233853.87
	316° 45' 9"	18.7		
134			452988.94	1233841.04
	320° 41' 55"	87.6		
135			453056.72	1233785.56
	320° 22' 9"	292.1		
136			453281.66	1233599.27
	309° 25' 53"	310		
137			453478.55	1233359.84
	347° 28' 36"	10.8		
138			453489.13	1233357.49
	347° 27' 36"	212.4		
139			453696.48	1233311.37
	22° 23' 9"	21.1		
140			453716	1233319.41
	25° 0' 39"	169.8		
141			453869.92	1233391.22
	101° 17' 8"	130.3		
142			453844.42	1233519
	88° 4' 25"	31.2		
143			453845.47	1233550.22
	43° 15' 20"	341.7		
144			454094.36	1233784.4
	318° 36' 52"	177.5		
145			454227.57	1233667.02
	41° 47' 13"	58.3		

146			454271.03	1233705.86
	318° 16' 22"	68.1		
147			454321.87	1233660.52
	37° 35' 12"	105.8		
148			454405.73	1233725.07
	139° 18' 26"	82.9		
149			454342.84	1233779.15
	92° 2' 48"	53.8		
150			454340.92	1233832.87
	36° 15' 37"	79		
151			454404.6	1233879.58
	16° 20' 36"	91.3		
152			454492.24	1233905.28
	17° 19' 3"	17.8		
153			454509.27	1233910.59
	17° 18' 29"	96		
154			454600.92	1233939.15
	325° 49' 14"	129.9		
155			454708.42	1233866.15
	326° 6' 57"	90.1		
156			454783.2	1233815.93
	346° 3' 14"	193.9		
157			454971.34	1233769.21
	315° 1' 0"	71.9		
158			455022.17	1233718.41
	316° 44' 52"	231.8		
159			455191.02	1233559.56
	338° 17' 26"	77.3		
160			455262.88	1233530.95
	283° 20' 21"	66.4		
161			455278.2	1233466.34
	234° 1' 46"	88.9		
162			455225.96	1233394.36
	325° 27' 49"	72.1		
163			455285.36	1233353.48
	323° 44' 22"	80.1		
164			455349.94	1233306.11
	324° 28' 35"	135.7		
165			455460.36	1233227.28
	303° 55' 33"	124.6		
166			455529.89	1233123.91
	30° 18' 15"	123.8		
167			455636.81	1233186.4
	33° 32' 9"	131.1		
168			455746.06	1233258.81
	16° 47' 36"	64.7		
169			455807.99	1233277.5
	16° 14' 44"	194.1		
170			455994.37	1233331.81
	17° 11' 53"	189.6		
171			456175.49	1233387.87
	19° 49' 53"	218.6		
172			456381.15	1233462.04
	295° 19' 40"	119.5		
173			456432.28	1233354.01
	296° 28' 54"	323.2		
174			456576.41	1233064.7
	296° 40' 56"	305.6		
175			456713.64	1232791.64
	358° 34' 27"	477.5		

176			457191.02	1232779.76
	359° 0' 57"	23.3		
177			457214.31	1232779.36
	74° 29' 30"	98.3		
178			457240.59	1232874.07
	357° 37' 30"	87.1		
179			457327.63	1232870.46
	336° 25' 1"	65.6		
180			457387.74	1232844.22
	332° 45' 49"	13.7		
181			457399.96	1232837.93
	332° 31' 51"	44.8		
182			457439.7	1232817.27
	356° 18' 47"	56.3		
183			457495.88	1232813.65
	357° 3' 36"	74.9		
184			457570.65	1232809.81
	355° 5' 5"	40.9		
185			457611.35	1232806.31
	353° 16' 3"	43.2		
186			457654.3	1232801.24
	273° 26' 36"	3.5		
187			457654.51	1232797.75
	350° 29' 19"	157.7		
188			457810.05	1232771.69
	35° 22' 4"	104.3		
189			457895.1	1232832.06
	33° 14' 44"	483.6		
190			458299.57	1233097.2
	32° 26' 29"	165.5		
191			458439.21	1233185.96
	33° 20' 6"	190.2		
192			458598.13	1233290.49
	32° 52' 0"	114.1		
193			458693.95	1233352.4
	7° 11' 22"	60.6		
194			458754.12	1233359.99
	7° 9' 49"	192		
195			458944.59	1233383.93
	7° 41' 13"	139.7		
196			459083.06	1233402.62
	4° 33' 25"	250.1		
197			459332.35	1233422.49
	7° 10' 29"	129.6		
198			459460.96	1233438.68
	7° 14' 27"	22.1		
199			459482.84	1233441.46
	2° 5' 12"	45		
200			459527.85	1233443.1
	7° 50' 47"	29.4		
201			459557.02	1233447.12
	9° 17' 36"	434.9		
202			459986.26	1233517.36
	21° 58' 39"	6		
203			459991.86	1233519.62
	10° 11' 31"	221.4		
204			460209.73	1233558.79
	14° 2' 10"	66.3		
205			460274.09	1233574.88
	9° 27' 48"	82.4		

206			460355.38	1233588.43
	7° 19' 25"	413.4		
207			460765.42	1233641.13
	0° 59' 1"	390.2		
208			461155.59	1233647.83
	1° 20' 48"	102.1		
209			461257.68	1233650.23
	0° 32' 7"	39.6		
210			461297.27	1233650.6
	0° 32' 42"	145		
211			461442.3	1233651.98
	0° 30' 3"	132.6		
212			461574.93	1233653.14
	23° 51' 26"	566		
213			462092.58	1233882.07
	82° 4' 15"	501.9		
214			462161.81	1234379.14
	82° 17' 50"	748.2		
215			462262.09	1235120.58
	121° 53' 26"	552.3		
216			461970.33	1235589.48
	121° 27' 14"	360.8		
217			461782.08	1235897.23
	120° 59' 4"	170.8		
218			461694.15	1236043.66
	121° 23' 15"	722.4		
219			461317.91	1236660.34
	118° 57' 27"	215.8		
220			461213.45	1236849.12
	121° 38' 6"	119.1		
221			461150.97	1236950.54
	96° 46' 13"	475.3		
222			461094.94	1237422.5
	95° 32' 51"	98.3		
223			461085.44	1237520.31
	96° 27' 47"	244.7		
224			461057.9	1237763.41
	92° 34' 22"	155.5		
225			461050.92	1237918.74
	91° 30' 5"	190.1		
226			461045.94	1238108.73
	89° 27' 31"	550.4		
227			461051.14	1238659.1
	138° 34' 32"	279.2		
228			460841.75	1238843.86
	101° 47' 58"	240.9		
229			460792.48	1239079.71
	101° 52' 21"	258.1		
230			460739.37	1239332.33
	100° 52' 14"	500.2		
231			460645.03	1239823.59
	99° 45' 27"	611.6		
232			460541.38	1240426.32
	98° 33' 23"	696.8		
233			460437.7	1241115.41
	100° 37' 6"	56.2		
234			460427.34	1241170.67
	101° 34' 40"	283.5		
235			460370.44	1241448.41
	95° 15' 3"	85.3		

236			460362.63	1241533.39
	353° 28' 3"	58.3		
237			460420.53	1241526.76
	353° 24' 25"	4		
238			460424.51	1241526.3
	353° 23' 59"	136.5		
239			460560.11	1241510.61
	353° 35' 50"	225.2		
240			460783.88	1241485.5
	352° 52' 55"	159.7		
241			460942.36	1241465.71
	353° 13' 42"	149.4		
242			461090.75	1241448.09
	354° 8' 43"	71.3		
243			461161.65	1241440.82
	352° 54' 37"	38.2		
244			461199.52	1241436.11
	354° 20' 40"	372.5		
245			461570.23	1241399.4
	353° 52' 31"	64		
246			461633.88	1241392.57
	353° 47' 20"	150.7		
247			461783.66	1241376.27
	354° 8' 37"	173.3		
248			461956.03	1241358.59
	354° 11' 7"	191.7		
249			462146.73	1241339.17
	354° 9' 23"	63.6		
250			462209.95	1241332.7
	353° 32' 39"	69.6		
251			462279.06	1241324.88
	354° 24' 57"	14		
252			462292.97	1241323.52
	353° 51' 2"	20.5		
253			462313.39	1241321.32
	353° 31' 47"	59.5		
254			462372.47	1241314.62
	353° 32' 41"	45.1		
255			462417.28	1241309.55
	354° 3' 35"	31.8		
256			462448.9	1241306.26
	353° 26' 19"	162		
257			462609.83	1241287.75
	353° 38' 45"	41.3		
258			462650.87	1241283.18
	353° 31' 50"	13.2		
259			462664.01	1241281.69
	354° 16' 7"	79.9		
260			462743.52	1241273.71
	353° 59' 4"	203.5		
261			462945.94	1241252.38
	354° 8' 42"	28		
262			462973.83	1241249.52
	354° 48' 13"	81		
263			463054.54	1241242.18
	74° 10' 21"	115.3		
264			463085.99	1241353.12
	67° 1' 32"	53.7		
265			463106.95	1241402.56
	58° 44' 56"	42.1		

266			463128.79	1241438.55
	44° 50' 0"	41.4		
267			463158.14	1241467.73
	31° 45' 3"	45.8		
268			463197.1	1241491.84
	37° 46' 30"	83.6		
269			463263.14	1241543.02
	43° 10' 39"	46.5		
270			463297.03	1241574.82
	55° 5' 9"	40.9		
271			463320.44	1241608.36
	69° 32' 0"	39		
272			463334.07	1241644.88
	95° 46' 46"	17.4		
273			463332.32	1241662.17
	110° 44' 45"	50.8		
274			463314.32	1241709.69
	115° 47' 27"	75.5		
275			463281.48	1241777.65
	108° 19' 38"	60.6		
276			463262.44	1241835.13
	90° 0' 0"	40.7		
277			463262.44	1241875.83
	105° 33' 38"	17.6		
278			463257.72	1241892.78
	117° 36' 8"	64.5		
279			463227.85	1241949.91
	113° 25' 33"	65.5		
280			463201.81	1242010.01
	117° 6' 56"	32.6		
281			463186.96	1242039.01
	102° 5' 57"	44.1		
282			463177.71	1242082.16
	93° 19' 40"	33.2		
283			463175.78	1242115.35
	78° 10' 3"	45.2		
284			463185.04	1242159.55
	74° 29' 37"	46.4		
285			463197.45	1242204.28
	76° 27' 57"	34.3		
286			463205.48	1242237.64
	60° 50' 53"	64.2		
287			463236.76	1242293.72
	52° 54' 57"	102.3		
288			463298.43	1242375.31
	50° 58' 52"	130.4		
289			463380.54	1242476.64
	49° 23' 58"	61.2		
290			463420.37	1242523.11
	56° 22' 33"	45.7		
291			463445.7	1242561.2
	65° 46' 43"	32.4		
292			463458.98	1242590.72
	73° 31' 52"	38.8		
293			463469.98	1242627.93
	77° 8' 38"	40.9		
294			463479.07	1242667.76
	69° 11' 4"	39.8		
295			463493.22	1242704.98
	78° 17' 6"	25		

296			463498.29	1242729.43
	88° 10' 12"	43.5		
297			463499.68	1242772.94
	346° 12' 41"	274.2		
298			463765.93	1242707.6
	345° 1' 48"	239.8		
299			463997.58	1242645.66
	346° 4' 21"	540.4		
300			464522.05	1242515.6
	346° 36' 46"	927.4		
301			465424.22	1242300.89
	347° 16' 56"	622.1		
302			466031.05	1242163.94
	50° 11' 30"	27.1		
303			466048.41	1242184.77
	38° 57' 59"	74.7		
304			466106.47	1242231.73
	64° 31' 11"	90		
305			466145.18	1242312.96
	74° 2' 32"	32.3		
306			466154.07	1242344.05
	41° 58' 47"	46		
307			466188.29	1242374.84
	44° 28' 35"	28.6		
308			466208.72	1242394.9
	92° 3' 32"	25.3		
309			466207.81	1242420.21
	96° 54' 47"	26.8		
310			466204.58	1242446.85
	82° 25' 4"	139.1		
311			466222.94	1242584.78
	94° 22' 8"	80.3		
312			466216.82	1242664.88
	117° 41' 7"	76.6		
313			466181.22	1242732.73
	106° 34' 53"	54.6		
314			466165.65	1242785.02
	62° 38' 41"	36.3		
315			466182.34	1242817.28
	34° 38' 27"	74.4		
316			466243.52	1242859.55
	43° 29' 44"	59.8		
317			466286.9	1242900.71
	62° 14' 25"	71.6		
318			466320.27	1242964.11
	91° 7' 14"	56.8		
319			466319.16	1243020.85
	121° 38' 51"	56.2		
320			466289.68	1243068.68
	97° 7' 18"	22.4		
321			466286.9	1243090.93
	40° 58' 23"	56		
322			466329.17	1243127.64
	20° 32' 51"	47.5		
323			466373.67	1243144.32
	70° 33' 43"	60.2		
324			466393.69	1243201.05
	141° 36' 37"	109.3		
325			466308.04	1243268.91
	113° 58' 4"	11		

326			466303.59	1243278.92
	41° 25' 23"	50.4		
327			466341.41	1243312.29
	70° 15' 36"	46.1		
328			466356.98	1243355.68
	99° 5' 27"	56.3		
329			466348.08	1243411.3
	112° 6' 31"	76.8		
330			466319.16	1243482.49
	63° 2' 55"	73.6		
331			466352.53	1243548.12
	98° 44' 46"	58.5		
332			466343.63	1243605.97
	40° 57' 59"	56		
333			466385.91	1243642.68
	30° 43' 38"	78.6		
334			466453.44	1243682.82
	29° 19' 42"	85.3		
335			466527.84	1243724.62
	80° 1' 50"	169.5		
336			466557.18	1243891.54
	83° 32' 3"	601		
337			466624.86	1244488.73
	348° 56' 7"	446.6		
338			467063.11	1244403.03
	355° 39' 44"	306.1		
339			467368.31	1244379.88
	356° 47' 38"	179		
340			467547.01	1244369.87
	356° 46' 39"	19.4		
341			467566.37	1244368.78
	355° 8' 1"	158.3		
342			467724.12	1244355.35
	69° 56' 30"	262.4		
343			467814.1	1244601.79
	70° 13' 51"	295.4		
344			467914.01	1244879.77
	64° 49' 36"	277.5		
345			468032.03	1245130.88
	65° 10' 2"	292.1		
346			468154.72	1245396.01
	352° 40' 54"	925.6		
347			469072.76	1245278.11
	352° 29' 7"	255		
348			469325.58	1245244.76
	60° 7' 28"	196.6		
349			469423.49	1245415.2
	82° 23' 10"	229.5		
350			469453.9	1245642.7
	92° 27' 57"	211.3		
351			469444.81	1245853.78
	95° 18' 48"	298.2		
352			469417.2	1246150.65
	41° 47' 49"	255		
353			469607.31	1246320.61
	41° 14' 35"	177.3		
354			469740.63	1246437.5
	103° 46' 1"	170.4		
355			469700.09	1246602.96
	105° 26' 47"	68		

356			469681.98	1246668.5
	133° 5' 11"	331.9		
357			469455.29	1246910.86
	127° 54' 34"	55.2		
358			469421.36	1246954.43
	132° 9' 39"	55.4		
359			469384.18	1246995.49
	147° 38' 3"	111.6		
360			469289.92	1247055.23
	140° 58' 38"	34.3		
361			469263.28	1247076.82
	140° 38' 50"	107.6		
362			469180.1	1247145.03
	147° 42' 2"	127.9		
363			469072.01	1247213.36
	65° 45' 9"	43.9		
364			469090.04	1247253.39
	68° 35' 33"	310.8		
365			469203.47	1247542.72
	332° 41' 32"	138.7		
366			469326.75	1247479.07
	321° 46' 18"	136.8		
367			469434.25	1247394.39
	340° 30' 47"	129.5		
368			469556.36	1247351.18
	357° 19' 56"	176.2		
369			469732.36	1247342.98
	357° 19' 51"	74.7		
370			469807.01	1247339.5
	18° 41' 8"	164.1		
371			469962.42	1247392.06
	6° 11' 33"	129.9		
372			470091.54	1247406.07
	4° 30' 0"	74.4		
373			470165.74	1247411.91
	337° 8' 50"	52.6		
374			470214.24	1247391.47
	333° 30' 56"	50.8		
375			470259.72	1247368.81
	333° 48' 2"	114.9		
376			470362.82	1247318.08
	326° 29' 43"	164.5		
377			470499.95	1247227.3
	352° 52' 31"	168.4		
378			470667.08	1247206.41
	21° 4' 13"	110.9		
379			470770.59	1247246.29
	350° 38' 38"	508.2		
380			471271.99	1247163.68
	351° 17' 53"	209.7		
381			471479.3	1247131.95
	350° 41' 5"	99.2		
382			471577.21	1247115.89
	342° 51' 25"	4.2		
383			471581.23	1247114.65
	351° 27' 1"	51		
384			471631.65	1247107.07
	350° 36' 12"	93		
385			471723.38	1247091.89
	351° 1' 51"	213.5		

386			471934.3	1247058.6
	351° 33' 18"	163		
387			472095.55	1247034.66
	350° 32' 33"	152.8		
388			472246.29	1247009.55
	351° 31' 43"	233.9		
389			472477.66	1246975.09
	351° 26' 5"	31.3		
390			472508.6	1246970.43
	352° 18' 52"	254.2		
391			472760.55	1246936.43
	322° 1' 6"	395.5		
392			473072.32	1246693.01
	322° 41' 32"	200.1		
393			473231.44	1246571.76
	321° 55' 12"	269.1		
394			473443.3	1246405.76
	321° 56' 41"	318.9		
395			473694.4	1246209.19
	326° 2' 11"	11		
396			473703.56	1246203.02
	322° 37' 24"	701.8		
397			474261.23	1245777.01
	290° 48' 24"	2.1		
398			474261.99	1245775.01
	56° 16' 54"	380.1		
399			474473	1246091.19
	63° 4' 32"	955.6		
400			474905.71	1246943.21
	63° 17' 39"	788.1		
401			475259.9	1247647.26
	137° 35' 2"	419.9		
402			474949.92	1247930.47
	140° 6' 52"	465.9		
403			474592.41	1248229.24
	142° 15' 6"	58.7		
404			474545.99	1248265.18
	146° 59' 43"	22.5		
405			474527.13	1248277.43
	140° 3' 32"	513		
406			474133.78	1248606.8
	147° 14' 30"	488.5		
407			473722.93	1248871.15
	158° 11' 16"	307.1		
408			473437.86	1248985.24
	96° 16' 54"	423.1		
409			473391.56	1249405.84
	69° 5' 1"	241.3		
410			473477.69	1249631.2
	87° 7' 43"	104.6		
411			473482.93	1249735.68
	91° 34' 26"	330.5		
412			473473.85	1250066.1
	127° 40' 56"	409.3		
413			473223.67	1250390
	148° 8' 27"	230.4		
414			473028	1250511.6
	142° 38' 39"	189.4		
415			472877.41	1250626.55
	158° 14' 3"	214.8		

416			472677.9	1250706.21
	149° 34' 25"	430.4		
417			472306.77	1250924.18
	131° 59' 13"	82.1		
418			472251.87	1250985.18
	136° 56' 5"	125.7		
419			472160.07	1251070.98
	179° 38' 23"	119.3		
420			472040.78	1251071.73
	178° 37' 14"	250.9		
421			471789.91	1251077.77
	179° 39' 3"	108.4		
422			471681.54	1251078.43
	219° 48' 1"	56.5		
423			471638.14	1251042.27
	198° 52' 53"	37.7		
424			471602.44	1251030.06
	215° 54' 19"	669.6		
425			471060.08	1250637.38
	225° 11' 43"	294.4		
426			470852.6	1250428.48
	219° 13' 26"	32.7		
427			470827.29	1250407.82
	223° 29' 32"	40		
428			470798.24	1250380.26
	208° 16' 51"	62.6		
429			470743.13	1250350.61
	151° 33' 13"	49		
430			470700.01	1250373.97
	154° 2' 22"	101.3		
431			470608.96	1250418.3
	154° 4' 16"	128.9		
432			470493.06	1250474.65
	157° 4' 51"	183.6		
433			470324	1250546.13
	163° 47' 58"	30.3		
434			470294.95	1250554.57
	95° 30' 36"	238.7		
435			470272.03	1250792.16
	93° 51' 18"	54.9		
436			470268.34	1250846.92
	119° 8' 21"	132.2		
437			470203.95	1250962.42
	119° 44' 59"	171.6		
438			470118.79	1251111.42
	118° 15' 24"	100.6		
439			470071.17	1251200.02
	75° 45' 12"	64.7		
440			470087.1	1251262.76
	71° 10' 25"	8.3		
441			470089.79	1251270.65
	76° 30' 2"	77.6		
442			470107.91	1251346.13
	51° 49' 43"	41.4		
443			470133.49	1251378.67
	120° 52' 25"	24		
444			470121.15	1251399.31
	70° 10' 9"	36		
445			470133.35	1251433.14
	76° 58' 52"	152.1		

446			470167.62	1251581.36
	97° 27' 59"	315.2		
447			470126.66	1251893.89
	51° 49' 32"	11.2		
448			470133.61	1251902.73
	355° 56' 13"	222.6		
449			470355.63	1251886.96
	355° 26' 35"	95.5		
450			470450.86	1251879.37
	28° 46' 4"	189.3		
451			470616.79	1251970.47
	27° 37' 49"	110.2		
452			470714.39	1252021.56
	25° 42' 10"	379.8		
453			471056.65	1252186.3
	56° 39' 25"	223.8		
454			471179.64	1252373.23
	65° 29' 27"	465.8		
455			471372.87	1252797.06
	45° 28' 46"	104.8		
456			471446.34	1252871.77
	55° 52' 4"	119		
457			471513.13	1252970.3
	33° 6' 21"	211.6		
458			471690.42	1253085.9
	22° 7' 6"	140		
459			471820.11	1253138.61
	36° 52' 16"	90		
460			471892.08	1253192.59
	31° 53' 7"	64.8		
461			471947.12	1253226.83
	48° 0' 3"	98.5		
462			472013	1253300
	48° 42' 57"	17.6		
463			472024.59	1253313.2
	77° 55' 57"	45.1		
464			472034.02	1253357.31
	85° 54' 41"	41.8		
465			472037	1253399
	93° 18' 8"	150.5		
466			472028.33	1253549.26
	141° 31' 6"	32.6		
467			472002.78	1253569.57
	140° 42' 1"	52		
468			471962.51	1253602.53
	163° 16' 0"	116.5		
469			471850.95	1253636.07
	163° 56' 38"	191.7		
470			471666.76	1253689.08
	164° 12' 12"	96.8		
471			471573.62	1253715.43
	165° 57' 40"	160.5		
472			471417.89	1253754.37
	166° 11' 28"	142.4		
473			471279.6	1253788.36
	164° 58' 7"	27		
474			471253.57	1253795.35
	169° 0' 39"	43.1		
475			471211.29	1253803.56
	156° 12' 19"	234.3		

476			470996.93	1253898.08
	159° 50' 51"	137.9		
477			470867.47	1253945.59
	157° 44' 56"	166.1		
478			470713.73	1254008.49
	160° 39' 56"	84.4		
479			470634.07	1254036.44
	170° 7' 9"	117.9		
480			470517.87	1254056.68
	94° 5' 21"	281.4		
481			470497.8	1254337.41
	158° 7' 48"	188.4		
482			470322.98	1254407.58
	93° 58' 1"	61.7		
483			470318.71	1254469.15
	130° 13' 42"	207.4		
484			470184.75	1254627.51
	146° 21' 4"	598.6		
485			469686.45	1254959.19
	142° 3' 59"	352.4		
486			469408.5	1255175.83
	146° 10' 12"	316.9		
487			469145.22	1255352.28
	145° 47' 34"	397.8		
488			468816.26	1255575.9
	131° 49' 31"	377.2		
489			468564.73	1255856.97
	131° 49' 30"	345.4		
490			468334.42	1256114.33
	135° 41' 1"	372.1		
491			468068.18	1256374.29
	133° 29' 45"	592.9		
492			467660.07	1256804.41
	134° 42' 19"	433.1		
493			467355.39	1257112.24
	130° 19' 25"	148.5		
494			467259.3	1257225.45
	130° 52' 43"	134		
495			467171.6	1257326.77
	132° 26' 41"	127.4		
496			467085.64	1257420.76
	165° 47' 16"	85.4		
497			467002.84	1257441.73
	169° 46' 12"	218.4		
498			466787.95	1257480.51
	172° 41' 9"	343.1		
499			466447.63	1257524.19
	167° 14' 55"	158.8		
500			466292.79	1257559.23
	104° 28' 43"	58.7		
501			466278.11	1257616.08
	94° 35' 50"	361.1		
502			466249.17	1257975.97
	98° 30' 36"	283.3		
503			466207.24	1258256.19
	99° 0' 27"	267.8		
504			466165.31	1258520.7
	101° 42' 36"	265.1		
505			466111.5	1258780.31
	105° 15' 1"	320.1		

506			466027.29	1259089.18
	104° 24' 33"	442.3		
507			465917.23	1259517.55
	134° 26' 31"	558.4		
508			465526.24	1259916.23
	116° 21' 19"	726.4		
509			465203.74	1260567.17
	116° 25' 7"	552.1		
510			464958.11	1261061.58
	117° 7' 13"	531.9		
511			464715.62	1261535.03
	117° 5' 58"	500.1		
512			464487.82	1261980.2
	116° 27' 45"	687.7		
513			464181.38	1262595.83
	115° 3' 18"	444.7		
514			463993.05	1262998.69
	114° 12' 43"	357.8		
515			463846.3	1263325.04
	114° 34' 27"	346.2		
516			463702.34	1263639.85
	114° 3' 29"	318		
517			463572.71	1263930.21
	115° 23' 59"	492		
518			463361.67	1264374.66
	115° 37' 45"	344.5		
519			463212.65	1264685.28
	114° 55' 4"	736.4		
520			462902.37	1265353.17
	115° 54' 8"	209.2		
521			462811	1265541.32
	204° 15' 1"	151.4		
522			462672.99	1265479.15
	203° 21' 14"	265.8		
523			462428.98	1265373.79
	205° 15' 2"	136.7		
524			462305.37	1265315.49
	208° 19' 22"	240.1		
525			462094	1265201.57
	209° 49' 24"	172.1		
526			461944.71	1265115.99
	225° 34' 44"	146.3		
527			461842.34	1265011.53
	232° 19' 44"	91.7		
528			461786.31	1264938.96
	229° 38' 3"	373.4		
529			461544.45	1264654.43
	230° 25' 32"	159.6		
530			461442.78	1264531.42
	224° 0' 35"	58.9		
531			461400.4	1264490.48
	224° 0' 4"	29.6		
532			461379.1	1264469.91
	219° 35' 37"	156.9		
533			461258.17	1264369.89
	214° 54' 19"	311.2		
534			461002.92	1264191.79
	204° 40' 23"	73		
535			460936.57	1264161.31
	203° 32' 53"	200.2		

536			460753.05	1264081.33
	203° 44' 36"	1 093.6		
537			459752.02	1263641
	203° 36' 42"	419.5		
538			459367.63	1263472.97
	203° 21' 22"	140.4		
539			459238.76	1263417.32
	203° 21' 9"	249.6		
540			459009.65	1263318.4
	204° 13' 0"	293.4		
541			458742.09	1263198.06
	203° 0' 14"	76.5		
542			458671.64	1263168.15
	203° 0' 11"	108.6		
543			458571.65	1263125.7
	203° 0' 15"	120		
544			458461.16	1263078.79
	203° 1' 29"	283.2		
545			458200.54	1262968.03
	203° 1' 0"	81.9		
546			458125.12	1262935.99
	203° 9' 25"	383.5		
547			457772.48	1262785.16
	202° 49' 45"	76.8		
548			457701.69	1262755.36
	202° 50' 0"	207.1		
549			457510.81	1262674.99
	166° 59' 16"	277.9		
550			457240.05	1262737.56
	170° 32' 29"	120.4		
551			457121.26	1262757.35
	165° 51' 19"	3.8		
552			457117.53	1262758.29
	165° 58' 30"	49.1		
553			457069.89	1262770.19
	162° 38' 46"	225.9		
554			456854.24	1262837.58
	164° 51' 19"	313.2		
555			456551.9	1262919.41
	164° 17' 52"	318.5		
556			456245.24	1263005.62
	164° 18' 13"	108.3		
557			456140.94	1263034.93
	164° 42' 18"	94.8		
558			456049.45	1263059.95
	164° 41' 13"	439.9		
559			455625.14	1263176.13
	221° 9' 15"	245.9		
560			455440.02	1263014.33
	219° 36' 53"	143.8		
561			455329.22	1262922.62
	220° 47' 19"	330.8		
562			455078.79	1262706.54
	221° 17' 15"	132.6		
563			454979.17	1262619.06
	221° 17' 14"	266.6		
564			454778.88	1262443.18
	221° 8' 30"	175.7		
565			454646.56	1262327.58
	221° 8' 15"	95.1		

566			454574.93	1262265.01
	219° 50' 14"	354		
567			454303.1	1262038.23
	222° 36' 6"	233.9		
568			454130.95	1261879.92
	222° 29' 45"	254.4		
569			453943.36	1261708.05
	224° 48' 9"	195		
570			453804.99	1261570.63
	153° 29' 27"	173.9		
571			453649.35	1261648.26
	153° 31' 28"	202.9		
572			453467.72	1261738.72
	153° 19' 46"	199.4		
573			453289.58	1261828.2
	153° 29' 8"	186.4		
574			453122.81	1261911.4
	152° 46' 25"	186.4		
575			452957.08	1261996.67
	153° 36' 41"	75.4		
576			452889.5	1262030.2
	153° 32' 45"	267.8		
577			452649.76	1262149.49
	153° 26' 5"	6.8		
578			452643.66	1262152.54
	153° 15' 59"	127.7		
579			452529.6	1262209.99
	174° 16' 1"	79.6		
580			452450.41	1262217.94
	175° 8' 38"	108.3		
581			452342.47	1262227.11
	207° 23' 13"	65.8		
582			452284.06	1262196.85
	206° 17' 49"	611.9		
583			451735.5	1261925.77
	208° 51' 35"	208.4		
584			451552.98	1261825.18
	175° 41' 18"	46.4		
585			451506.69	1261828.67
	161° 45' 42"	563.8		
586			450971.22	1262005.12
	97° 9' 59"	403.2		
587			450920.92	1262405.16
	97° 4' 58"	85.9		
588			450910.33	1262490.39
	97° 55' 18"	115.9		
589			450894.35	1262605.23
	97° 38' 5"	315.5		
590			450852.43	1262917.95
	93° 26' 24"	39.7		
591			450850.05	1262957.54
	95° 16' 27"	420.8		
592			450811.37	1263376.54
	92° 55' 36"	307.9		
593			450795.65	1263684.02
	89° 51' 46"	217.4		
594			450796.17	1263901.46
	179° 37' 41"	393		
595			450403.22	1263904.01
	179° 25' 51"	492.3		

596			449910.91	1263908.9
	178° 14' 57"	303.1		
597			449607.97	1263918.16
	178° 38' 28"	1 053.4		
598			448554.86	1263943.14
	180° 41' 42"	1 079.7		
599			447475.19	1263930.04
	180° 47' 54"	1 065.8		
600			446409.5	1263915.19
	91° 15' 18"	1 078.4		
601			446385.88	1264993.29
	91° 14' 55"	283.1		
602			446379.71	1265276.37
	91° 22' 54"	230.2		
603			446374.16	1265506.46
	90° 50' 15"	236		
604			446370.71	1265742.44
	90° 31' 6"	317.2		
605			446367.84	1266059.6
	90° 31' 10"	166.5		
606			446366.33	1266226.14
	90° 13' 59"	476.4		
607			446364.39	1266702.56
	90° 19' 2"	339.5		
608			446362.51	1267042.05
	90° 56' 40"	100.1		
609			446360.86	1267142.13
	90° 56' 41"	210.5		
610			446357.39	1267352.56
	90° 27' 56"	521.6		
611			446353.15	1267874.13
	90° 24' 6"	329.4		
612			446350.84	1268203.55
	87° 48' 6"	181.7		
613			446357.81	1268385.14
	86° 37' 1"	4.1		
614			446358.05	1268389.2
	358° 46' 0"	282.5		
615			446640.52	1268383.12
	39° 47' 25"	170.7		
616			446771.69	1268492.37
	43° 45' 33"	15		
617			446782.54	1268502.76
	43° 46' 14"	9.9		
618			446789.68	1268509.6
	37° 28' 29"	32.8		
619			446815.69	1268529.54
	35° 27' 12"	22.2		
620			446833.75	1268542.4
	39° 20' 41"	248.9		
621			447026.2	1268700.17
	40° 42' 14"	200		
622			447177.84	1268830.62
	68° 48' 46"	161.2		
623			447236.11	1268980.95
	65° 30' 55"	7		
624			447239.02	1268987.34
	65° 29' 5"	14		
625			447244.83	1269000.08
	65° 26' 53"	18.5		

626			447252.5	1269016.87
	68° 37' 56"	84.1		
627			447283.15	1269095.21
	72° 13' 6"	39.1		
628			447295.09	1269132.44
	69° 18' 22"	60.4		
629			447316.44	1269188.96
	69° 3' 13"	586.3		
630			447526.05	1269736.55
	309° 19' 37"	443		
631			447806.81	1269393.86
	310° 57' 16"	101.1		
632			447873.1	1269317.48
	312° 13' 33"	92.3		
633			447935.16	1269249.1
	310° 59' 58"	348.2		
634			448163.58	1268986.33
	309° 34' 11"	48.9		
635			448194.71	1268948.66
	315° 25' 21"	6.7		
636			448199.49	1268943.95
	34° 12' 18"	8.9		
637			448206.89	1268948.98
	40° 31' 0"	20.6		
638			448222.57	1268962.38
	33° 54' 48"	87.5		
639			448295.2	1269011.21
	35° 27' 23"	152.7		
640			448419.57	1269099.78
	95° 26' 17"	178.3		
641			448402.67	1269277.3
	96° 13' 28"	443.2		
642			448354.62	1269717.84
	203° 11' 25"	202		
643			448168.93	1269638.29
	208° 51' 41"	63.2		
644			448113.61	1269607.8
	109° 41' 56"	206.3		
645			448044.08	1269802
	110° 16' 7"	65.1		
646			448021.52	1269863.09
	110° 12' 23"	29.2		
647			448011.45	1269890.45
	92° 3' 55"	173.7		
648			448005.19	1270064.03
	16° 57' 39"	154.2		
649			448152.64	1270109
	72° 5' 19"	182.6		
650			448208.81	1270282.79
	197° 34' 15"	43		
651			448167.82	1270269.81
	197° 56' 29"	601.4		
652			447595.63	1270084.54
	131° 55' 54"	454.3		
653			447292.02	1270422.54
	131° 27' 20"	435.9		
654			447003.44	1270749.23
	133° 8' 54"	79.9		
655			446948.81	1270807.51
	132° 1' 31"	21.1		

656			446934.67	1270823.2
	130° 31' 47"	4.4		
657			446931.84	1270826.51
	134° 36' 17"	2.1		
658			446930.4	1270827.97
	133° 59' 20"	2.4		
659			446928.73	1270829.7
	28° 33' 55"	212.3		
660			447115.18	1270931.21
	27° 13' 43"	652		
661			447694.97	1271229.55
	39° 26' 23"	51.7		
662			447734.93	1271262.42
	54° 48' 41"	44.2		
663			447760.42	1271298.57
	61° 50' 59"	58.7		
664			447788.11	1271350.32
	48° 26' 4"	120.9		
665			447868.3	1271440.75
	55° 2' 39"	316.4		
666			448049.58	1271700.07
	318° 37' 45"	207.8		
667			448205.5	1271562.75
	220° 33' 56"	138.2		
668			448100.52	1271472.88
	306° 47' 58"	380.2		
669			448328.29	1271168.41
	38° 8' 26"	50.7		
670			448368.15	1271199.71
	34° 56' 53"	249.4		
671			448572.54	1271342.55
	35° 30' 16"	100.6		
672			448654.4	1271400.95
	117° 20' 18"	163		
673			448579.54	1271545.75
	118° 29' 55"	31.1		
674			448564.68	1271573.12
	119° 21' 29"	357.6		
675			448389.38	1271884.76
	118° 49' 37"	137.8		
676			448322.95	1272005.46
	119° 10' 43"	292.3		
677			448180.42	1272260.71
	118° 33' 4"	249.8		
678			448061.02	1272480.15
	118° 8' 51"	171.6		
679			447980.05	1272631.49
	62° 37' 29"	10.4		
680			447984.85	1272640.76
	71° 9' 30"	31.6		
681			447995.07	1272670.71
	52° 11' 26"	41.2		
682			448020.35	1272703.29
	71° 2' 4"	51.9		
683			448037.22	1272752.38
	29° 1' 50"	58.1		
684			448088.03	1272780.58
	52° 13' 33"	25.4		
685			448103.56	1272800.62
	35° 9' 26"	31.5		

686			448129.33	1272818.77
	50° 51' 56"	42.6		
687			448156.23	1272851.83
	22° 25' 29"	38.9		
688			448192.19	1272866.67
	353° 37' 24"	43.5		
689			448235.41	1272861.84
	291° 24' 38"	4.6		
690			448237.1	1272857.53
	351° 57' 50"	31		
691			448267.77	1272853.2
	1° 13' 19"	18.3		
692			448286.05	1272853.59
	39° 3' 21"	14.7		
693			448297.45	1272862.84
	58° 27' 47"	21.8		
694			448308.84	1272881.4
	42° 39' 47"	27.4		
695			448328.99	1272899.97
	78° 53' 49"	16.8		
696			448332.23	1272916.48
	66° 48' 5"	18		
697			448339.31	1272933
	33° 25' 36"	23.5		
698			448358.96	1272945.97
	49° 7' 13"	17.4		
699			448370.36	1272959.14
	37° 20' 57"	9.6		
700			448377.96	1272964.94
	98° 20' 26"	7.3		
701			448376.9	1272972.17
	37° 21' 34"	36.3		
702			448405.73	1272994.18
	350° 37' 32"	53.5		
703			448458.49	1272985.47
	24° 25' 42"	88.6		
704			448539.2	1273022.13
	41° 8' 28"	77		
705			448597.2	1273072.8
	5° 45' 34"	121.9		
706			448718.45	1273085.03
	30° 27' 52"	34.5		
707			448748.15	1273102.5
	22° 23' 59"	99		
708			448839.69	1273140.23
	41° 40' 21"	119.2		
709			448928.69	1273219.45
	148° 9' 53"	63.8		
710			448874.46	1273253.12
	144° 18' 59"	162.2		
711			448742.73	1273347.72
	179° 27' 26"	218.5		
712			448524.21	1273349.79
	158° 42' 34"	293.1		
713			448251.12	1273456.21
	93° 45' 23"	312		
714			448230.68	1273767.53
	37° 44' 28"	303.1		
715			448470.37	1273953.06
	95° 28' 10"	198		

716			448451.5	1274150.13
	33° 33' 54"	422.5		
717			448803.53	1274383.71
	140° 48' 9"	233.2		
718			448622.82	1274531.08
	141° 32' 49"	36.8		
719			448594.02	1274553.95
	141° 46' 45"	78.6		
720			448532.23	1274602.61
	142° 3' 47"	1 331.2		
721			447482.3	1275421.04
	128° 31' 37"	99		
722			447420.61	1275498.52
	128° 16' 11"	180.6		
723			447308.76	1275640.3
	128° 6' 53"	118.6		
724			447235.58	1275733.58
	128° 7' 13"	25.4		
725			447219.91	1275753.55
	128° 7' 37"	217.3		
726			447085.73	1275924.51
	128° 13' 9"	307.4		
727			446895.54	1276166.03
	127° 42' 1"	49.5		
728			446865.25	1276205.22
	137° 5' 34"	4.3		
729			446862.13	1276208.12
	128° 20' 40"	58.8		
730			446825.68	1276254.2
	130° 47' 35"	107.8		
731			446755.27	1276335.79
	200° 46' 35"	156.9		
732			446608.59	1276280.14
	209° 35' 30"	175.1		
733			446456.29	1276193.65
	223° 47' 56"	81.3		
734			446397.61	1276137.38
	229° 12' 27"	66.7		
735			446354.04	1276086.89
	229° 37' 34"	28.1		
736			446335.81	1276065.45
	221° 21' 20"	30.8		
737			446312.68	1276045.09
	243° 29' 36"	30.7		
738			446298.98	1276017.62
	229° 33' 23"	66.1		
739			446256.08	1275967.29
	208° 7' 29"	40.6		
740			446220.29	1275948.16
	230° 7' 30"	76.1		
741			446171.47	1275889.72
	195° 48' 0"	67.8		
742			446106.27	1275871.27
	242° 40' 39"	52.8		
743			446082.04	1275824.37
	203° 28' 51"	36.2		
744			446048.8	1275809.93
	169° 42' 30"	53.8		
745			445995.82	1275819.55
	142° 45' 2"	41.4		

746			445962.89	1275844.59
	100° 27' 20"	22.8		
747			445958.76	1275866.97
	161° 23' 51"	10.8		
748			445948.51	1275870.42
	184° 25' 19"	75.6		
749			445873.12	1275864.59
	139° 37' 32"	66.8		
750			445822.22	1275907.87
	149° 19' 59"	72.8		
751			445759.62	1275944.99
	154° 23' 35"	127		
752			445645.07	1275999.89
	162° 54' 35"	77.5		
753			445571.01	1276022.66
	185° 32' 43"	30		
754			445541.14	1276019.76
	175° 3' 45"	27.7		
755			445513.59	1276022.14
	181° 1' 54"	30		
756			445483.61	1276021.6
	168° 5' 43"	31.6		
757			445452.73	1276028.11
	197° 1' 32"	42		
758			445412.53	1276015.8
	176° 23' 20"	25.9		
759			445386.7	1276017.43
	209° 43' 9"	55.8		
760			445338.21	1275989.75
	184° 39' 57"	58.5		
761			445279.89	1275984.99
	195° 9' 0"	76.5		
762			445206.06	1275965
	187° 35' 36"	69.5		
763			445137.2	1275955.82
	204° 24' 52"	53.2		
764			445088.8	1275933.85
	183° 20' 11"	67.4		
765			445021.56	1275929.93
	154° 57' 17"	46.7		
766			444979.25	1275949.7
	205° 14' 30"	72.6		
767			444913.56	1275918.73
	221° 20' 10"	57.8		
768			444870.19	1275880.58
	204° 48' 12"	49.5		
769			444825.29	1275859.83
	187° 1' 47"	48.5		
770			444777.12	1275853.89
	216° 56' 1"	44.8		
771			444741.31	1275826.97
	201° 32' 54"	31.6		
772			444711.96	1275815.38
	203° 21' 53"	32.1		
773			444682.47	1275802.64
	184° 54' 40"	29.3		
774			444653.26	1275800.13
	198° 3' 39"	54.7		
775			444601.22	1275783.16
	169° 9' 45"	118.9		

776			444484.42	1275805.52
	192° 51' 4"	62		
777			444423.93	1275791.72
	191° 25' 17"	32.2		
778			444392.35	1275785.34
	188° 41' 17"	234.7		
779			444160.36	1275749.89
	185° 5' 42"	254.3		
780			443907.11	1275727.31
	164° 26' 41"	48.4		
781			443860.48	1275740.29
	186° 55' 55"	49.4		
782			443811.46	1275734.33
	150° 29' 26"	85.7		
783			443736.9	1275776.53
	194° 55' 37"	66.3		
784			443672.83	1275759.45
	176° 29' 41"	70.8		
785			443602.14	1275763.78
	150° 54' 34"	51.3		
786			443557.35	1275788.7
	181° 7' 48"	64.9		
787			443492.46	1275787.42
	153° 11' 54"	71.5		
788			443428.66	1275819.65
	160° 48' 45"	102.8		
789			443331.56	1275853.44
	186° 55' 10"	41.8		
790			443290.03	1275848.4
	133° 41' 7"	27.7		
791			443270.87	1275868.46
	196° 46' 1"	68		
792			443205.75	1275848.84
	170° 16' 36"	86.3		
793			443120.66	1275863.42
	157° 15' 4"	53.4		
794			443071.46	1275884.05
	166° 2' 35"	50.7		
795			443022.25	1275896.28
	158° 55' 38"	39.7		
796			442985.19	1275910.56
	137° 43' 39"	116.5		
797			442898.99	1275988.92
	158° 11' 6"	142		
798			442767.13	1276041.7
	157° 58' 48"	66.3		
799			442705.71	1276066.54
	199° 3' 23"	46.1		
800			442662.17	1276051.5
	185° 27' 59"	49.5		
801			442612.85	1276046.78
	166° 42' 32"	48.7		
802			442565.48	1276057.97
	182° 14' 58"	49.2		
803			442516.35	1276056.04
	163° 28' 12"	53.5		
804			442465.1	1276071.25
	185° 41' 21"	61.7		
805			442403.67	1276065.13
	162° 36' 12"	48.3		

806			442357.55	1276079.58
	127° 45' 22"	4.7		
807			442354.7	1276083.26
	182° 32' 37"	36.3		
808			442318.46	1276081.65
	177° 24' 46"	74.4		
809			442244.1	1276085.01
	188° 33' 5"	34.2		
810			442210.25	1276079.92
	180° 48' 40"	116.5		
811			442093.73	1276078.27
	90° 0' 0"	73		
812			442020.73	1276078.27
	192° 13' 20"	24.8		
813			441996.54	1276073.03
	192° 58' 18"	43.3		
814			441954.3	1276063.3
	181° 35' 17"	72.9		
815			441881.44	1276061.28
	177° 43' 17"	62.1		
816			441819.36	1276063.75
	175° 15' 10"	83.3		
817			441736.39	1276070.64
	175° 15' 33"	85.1		
818			441651.62	1276077.67
	180° 18' 3"	26.7		
819			441624.96	1276077.53
	202° 39' 30"	126.8		
820			441507.99	1276028.7
	204° 36' 51"	62.9		
821			441450.78	1276002.49
	195° 46' 19"	33.6		
822			441418.42	1275993.35
	186° 28' 19"	34.5		
823			441384.13	1275989.46
	183° 52' 56"	46.4		
824			441337.86	1275986.32
	184° 22' 33"	30.8		
825			441307.15	1275983.97
	198° 57' 26"	111		
826			441202.17	1275947.91
	195° 36' 7"	164.8		
827			441043.42	1275903.58
	190° 55' 3"	44.7		
828			440999.56	1275895.12
	187° 56' 40"	38		
829			440961.94	1275889.87
	185° 42' 8"	84.4		
830			440877.92	1275881.48
	192° 5' 27"	31.9		
831			440846.69	1275874.79
	188° 38' 18"	35.2		
832			440811.87	1275869.5
	173° 18' 43"	16.7		
833			440795.24	1275871.45
	158° 16' 12"	25.3		
834			440771.78	1275880.8
	156° 47' 12"	57.1		
835			440719.34	1275903.29
	174° 54' 14"	20		

836			440699.38	1275905.07
	182° 41' 10"	17.7		
837			440681.69	1275904.24
	203° 47' 42"	45.5		
838			440640.03	1275885.87
	212° 54' 27"	45.1		
839			440602.17	1275861.37
	219° 51' 26"	19.8		
840			440586.97	1275848.68
	249° 21' 36"	17.6		
841			440580.77	1275832.22
	246° 5' 51"	23.2		
842			440571.37	1275811.01
	200° 51' 0"	23.9		
843			440549	1275802.49
	210° 54' 33"	12.6		
844			440538.16	1275796
	179° 8' 56"	12.8		
845			440525.37	1275796.19
	233° 7' 1"	8.7		
846			440520.14	1275789.22
	232° 15' 11"	9.8		
847			440514.14	1275781.47
	177° 2' 42"	11.4		
848			440502.71	1275782.06
	158° 14' 12"	8.3		
849			440494.97	1275785.15
	133° 37' 41"	17.1		
850			440483.15	1275797.55
	157° 0' 51"	16.6		
851			440467.85	1275804.04
	203° 52' 2"	5.5		
852			440462.81	1275801.81
	195° 42' 2"	6.4		
853			440456.62	1275800.07
	209° 13' 12"	11.1		
854			440446.93	1275794.65
	225° 52' 57"	9.2		
855			440440.54	1275788.06
	234° 59' 52"	4.7		
856			440437.83	1275784.19
	176° 29' 33"	6.2		
857			440431.63	1275784.57
	168° 50' 21"	12		
858			440419.82	1275786.9
	217° 52' 29"	17.7		
859			440405.87	1275776.05
	210° 29' 41"	40.5		
860			440371.01	1275755.52
	205° 42' 41"	34.8		
861			440339.63	1275740.41
	196° 9' 57"	40.3		
862			440300.89	1275729.18
	186° 45' 51"	19.7		
863			440281.33	1275726.86
	133° 53' 30"	9.5		
864			440274.74	1275733.71
	162° 18' 59"	8.9		
865			440266.24	1275736.42
	177° 48' 20"	10.7		

866			440255.54	1275736.83
	214° 37' 21"	14.5		
867			440243.62	1275728.6
	217° 33' 17"	20.2		
868			440227.57	1275716.26
	189° 26' 13"	7.5		
869			440220.17	1275715.03
	156° 31' 0"	10.3		
870			440210.71	1275719.14
	147° 49' 24"	13.1		
871			440199.6	1275726.13
	199° 45' 5"	9.1		
872			440191.05	1275723.06
	234° 19' 59"	15		
873			440182.33	1275710.91
	233° 38' 17"	27.1		
874			440166.28	1275689.11
	211° 51' 45"	19.6		
875			440149.66	1275678.78
	211° 50' 56"	30.3		
876			440123.92	1275662.79
	208° 40' 42"	24.9		
877			440102.11	1275650.86
	215° 53' 12"	33		
878			440075.38	1275631.52
	233° 51' 44"	32.1		
879			440056.46	1275605.61
	238° 41' 35"	9.7		
880			440051.4	1275597.29
	224° 20' 1"	192.1		
881			439913.96	1275463.01
	224° 24' 29"	31.5		
882			439891.46	1275440.97
	231° 0' 32"	0.8		
883			439890.95	1275440.34
	234° 51' 42"	29.5		
884			439873.96	1275416.2
	239° 50' 24"	54.6		
885			439846.51	1275368.96
	225° 52' 48"	28.5		
886			439826.64	1275348.47
	218° 16' 10"	34.4		
887			439799.64	1275327.17
	193° 15' 55"	95.2		
888			439707	1275305.33
	176° 6' 3"	231.3		
889			439476.21	1275321.06
	185° 36' 30"	590.3		
890			438888.75	1275263.37
	252° 48' 50"	99.7		
891			438859.3	1275168.15
	207° 17' 28"	181.7		
892			438697.83	1275084.84
	187° 6' 4"	166.7		
893			438532.39	1275064.23
	197° 1' 22"	273.3		
894			438271.03	1274984.21
	249° 36' 55"	35.6		
895			438258.63	1274950.84
	247° 24' 27"	280.8		

896			438150.76	1274691.6
	177° 43' 31"	94.7		
897			438056.1	1274695.36
	86° 58' 4"	189.1		
898			438066.1	1274884.15
	85° 50' 30"	7.3		
899			438066.63	1274891.44
	55° 57' 49"	121.7		
900			438134.74	1274992.28
	84° 45' 36"	59.2		
901			438140.15	1275051.27
	84° 2' 0"	86.7		
902			438149.16	1275137.48
	228° 28' 5"	245.2		
903			437986.56	1274953.9
	90° 0' 0"	262.3		
904			437724.3	1274953.9
	84° 48' 20"	90.2		
905			437732.47	1275043.77
	78° 40' 41"	9.5		
906			437734.34	1275053.11
	185° 30' 49"	268.3		
907			437467.28	1275027.33
	209° 36' 15"	265.4		
908			437236.49	1274896.2
	182° 26' 11"	246.8		
909			436989.96	1274885.71
	215° 18' 50"	431.6		
910			436637.76	1274636.21
	223° 26' 5"	398.7		
911			436348.27	1274362.12
	228° 17' 14"	388.7		
912			436089.65	1274071.98
	277° 32' 17"	160.8		
913			436110.75	1273912.53
	285° 2' 56"	73.1		
914			436129.74	1273841.9
	177° 36' 18"	261.1		
915			435868.89	1273852.81
	176° 59' 29"	61.5		
916			435807.43	1273856.04
	174° 27' 36"	42.1		
917			435765.57	1273860.1
	175° 44' 30"	109.2		
918			435656.65	1273868.21
	173° 55' 6"	28.1		
919			435628.68	1273871.19
	176° 21' 15"	410		
920			435219.52	1273897.26
	178° 28' 56"	133.3		
921			435086.28	1273900.79
	177° 4' 56"	186		
922			434900.48	1273910.26
	175° 47' 30"	54		
923			434846.66	1273914.22
	176° 8' 20"	194.5		
924			434652.56	1273927.32
	177° 1' 36"	245		
925			434407.85	1273940.03
	177° 37' 1"	225.8		

926			434182.21	1273949.42
	175° 46' 30"	94.7		
927			434087.72	1273956.4
	271° 55' 25"	56.3		
928			434089.61	1273900.13
	287° 25' 42"	99.9		
929			434119.54	1273804.79
	286° 45' 34"	238.4		
930			434188.28	1273576.53
	289° 24' 58"	159.3		
931			434241.25	1273426.25
	284° 37' 56"	48		
932			434253.38	1273379.79
	281° 56' 18"	117.3		
933			434277.64	1273265.05
	264° 22' 49"	49.5		
934			434272.79	1273215.76
	263° 23' 46"	119.6		
935			434259.04	1273096.99
	263° 19' 29"	170.4		
936			434239.23	1272927.72
	294° 42' 6"	192.6		
937			434319.7	1272752.78
	281° 11' 4"	135.5		
938			434345.98	1272619.87
	289° 10' 17"	193.3		
939			434409.47	1272437.26
	288° 25' 21"	218.6		
940			434478.56	1272229.84
	259° 38' 40"	207.9		
941			434441.19	1272025.33
	259° 26' 28"	203		
942			434403.99	1271825.76
	260° 23' 18"	80.2		
943			434390.6	1271746.69
	259° 20' 18"	231.3		
944			434347.8	1271519.34
	309° 39' 24"	166.7		
945			434454.17	1271391.02
	246° 55' 19"	125.2		
946			434405.09	1271275.83
	248° 1' 6"	361.5		
947			434269.79	1270940.64
	248° 34' 41"	331.1		
948			434148.88	1270632.46
	331° 2' 36"	26.7		
949			434172.23	1270619.54
	330° 29' 39"	27.6		
950			434196.28	1270605.93
	327° 39' 30"	102.8		
951			434283.11	1270550.95
	327° 22' 54"	149.3		
952			434408.85	1270470.48
	267° 5' 35"	305.4		
953			434393.36	1270165.43
	324° 15' 40"	280.3		
954			434620.89	1270001.7
	327° 40' 26"	63.5		
955			434674.54	1269967.75
	322° 20' 23"	106		

956			434758.45	1269902.99
	242° 31' 30"	245.6		
957			434645.14	1269685.09
	209° 33' 24"	396.2		
958			434300.48	1269489.64
	207° 23' 56"	473.2		
959			433880.34	1269271.87
	260° 2' 55"	13.5		
960			433878.01	1269258.59
	290° 54' 10"	68.2		
961			433902.35	1269194.86
	214° 7' 32"	172.9		
962			433759.25	1269097.88
	126° 37' 51"	87.8		
963			433706.87	1269168.33
	222° 38' 59"	167.6		
964			433583.59	1269054.77
	223° 38' 7"	359.9		
965			433323.13	1268806.43
	228° 19' 33"	7.1		
966			433318.43	1268801.15
	221° 44' 31"	171.2		
967			433190.68	1268687.16
	231° 55' 48"	253.4		
968			433034.43	1268487.67
	230° 45' 17"	121.1		
969			432957.83	1268393.9
	232° 35' 13"	109.1		
970			432891.55	1268307.25
	230° 21' 18"	224.1		
971			432748.56	1268134.68
	229° 0' 56"	213.1		
972			432608.83	1267973.85
	228° 54' 5"	111.4		
973			432535.6	1267889.9
	225° 38' 25"	100		
974			432465.71	1267818.43
	237° 55' 5"	331.1		
975			432289.84	1267537.87
	267° 30' 31"	95.5		
976			432285.69	1267442.48
	338° 38' 55"	20.3		
977			432304.62	1267435.08
	338° 59' 50"	292.4		
978			432577.57	1267330.29
	262° 9' 48"	116.5		
979			432561.69	1267214.91
	158° 12' 43"	135.2		
980			432436.18	1267265.08
	249° 56' 23"	88.3		
981			432405.89	1267182.13
	253° 23' 33"	415.7		
982			432287.09	1266783.81
	206° 5' 24"	93.4		
983			432203.24	1266742.75
	185° 2' 7"	427.9		
984			431776.96	1266705.19
	121° 21' 38"	387.5		
985			431575.32	1267036.04
	120° 30' 3"	108.9		

986			431520.03	1267129.9
	118° 46' 24"	136.8		
987			431454.17	1267249.83
	204° 59' 5"	146.8		
988			431321.14	1267187.84
	204° 17' 19"	218.7		
989			431121.84	1267097.9
	221° 52' 24"	33.7		
990			431096.74	1267075.4
	218° 40' 20"	312		
991			430853.15	1266880.44
	308° 28' 16"	115.9		
992			430925.23	1266789.73
	312° 10' 9"	180.7		
993			431046.53	1266655.81
	212° 48' 23"	97.5		
994			430964.59	1266602.99
	308° 3' 15"	331.8		
995			431169.14	1266341.69
	211° 45' 43"	97.4		
996			431086.36	1266290.44
	120° 45' 55"	59		
997			431056.19	1266341.12
	218° 41' 16"	137.4		
998			430948.91	1266255.21
	189° 6' 51"	140.2		
999			430810.47	1266233
	290° 40' 3"	67.3		
1000			430834.22	1266170.04
	214° 56' 13"	116.9		
1001			430738.41	1266103.11
	141° 2' 52"	141.4		
1002			430628.44	1266192.01
	225° 58' 18"	60.5		
1003			430586.42	1266148.54
	293° 20' 7"	118.8		
1004			430633.49	1266039.43
	212° 42' 6"	111.6		
1005			430539.57	1265979.13
	260° 55' 19"	73.3		
1006			430528.01	1265906.78
	210° 3' 11"	118.7		
1007			430425.26	1265847.33
	114° 46' 35"	150.7		
1008			430362.09	1265984.19
	68° 41' 49"	84.9		
1009			430392.95	1266063.33
	157° 26' 42"	96.8		
1010			430303.6	1266100.44
	241° 56' 59"	160.7		
1011			430228.05	1265958.65
	136° 21' 53"	241.9		
1012			430052.94	1266125.61
	185° 30' 51"	7		
1013			430046	1266124.94
	185° 31' 15"	16.5		
1014			430029.55	1266123.35
	205° 13' 40"	33.2		
1015			429999.56	1266109.22
	197° 4' 4"	97		

1016			429906.8	1266080.74
	147° 48' 16"	137.1		
1017			429790.81	1266153.77
	146° 58' 57"	118.6		
1018			429691.37	1266218.39
	211° 51' 1"	57.2		
1019			429642.79	1266188.21
	140° 41' 1"	69		
1020			429589.43	1266231.91
	183° 16' 15"	27.2		
1021			429562.31	1266230.36
	146° 56' 58"	95.9		
1022			429481.93	1266282.66
	208° 12' 31"	220.4		
1023			429287.67	1266178.46
	205° 39' 56"	11.7		
1024			429277.14	1266173.4
	141° 33' 34"	9		
1025			429270.11	1266178.98
	227° 11' 26"	22		
1026			429255.15	1266162.83
	205° 28' 43"	33.5		
1027			429224.91	1266148.42
	265° 46' 43"	82.7		
1028			429218.82	1266065.91
	214° 9' 27"	51		
1029			429176.64	1266037.29
	218° 33' 49"	91.3		
1030			429105.27	1265980.39
	231° 20' 6"	391.8		
1031			428860.49	1265674.47
	231° 22' 58"	375.5		
1032			428626.12	1265381.06
	235° 5' 49"	226.8		
1033			428496.35	1265195.06
	228° 29' 4"	182.7		
1034			428375.28	1265058.29
	222° 37' 50"	291.3		
1035			428160.98	1264861.02
	227° 16' 23"	99.8		
1036			428093.24	1264787.68
	327° 43' 12"	130.3		
1037			428203.39	1264718.1
	196° 5' 29"	237		
1038			427975.64	1264652.4
	236° 59' 23"	422.1		
1039			427745.7	1264298.46
	225° 55' 28"	140.2		
1040			427648.16	1264197.72
	267° 22' 48"	277.6		
1041			427635.47	1263920.38
	14° 13' 44"	122.5		
1042			427754.17	1263950.48
	57° 20' 54"	95.8		
1043			427805.85	1264031.13
	5° 46' 15"	714.9		
1044			428517.08	1264103.01
	3° 14' 38"	394.1		
1045			428910.51	1264125.31
	265° 56' 37"	392.5		

1046			428882.75	1263733.84
	255° 43' 32"	178		
1047			428838.87	1263561.37
	261° 56' 13"	186.7		
1048			428812.68	1263376.49
	319° 25' 0"	38		
1049			428841.55	1263351.76
	263° 58' 20"	734.9		
1050			428764.38	1262620.93
	264° 18' 23"	882.4		
1051			428676.84	1261742.88
	293° 22' 43"	74.3		
1052			428706.34	1261674.64
	266° 37' 47"	115.5		
1053			428699.55	1261559.34
	158° 30' 9"	31.8		
1054			428669.92	1261571.01
	262° 29' 55"	158		
1055			428649.3	1261414.41
	4° 37' 50"	26.1		
1056			428675.35	1261416.52
	257° 53' 29"	94.2		
1057			428655.6	1261324.46
	341° 23' 45"	50.3		
1058			428703.31	1261308.4
	265° 11' 2"	106.2		
1059			428694.39	1261202.53
	176° 50' 44"	55.1		
1060			428639.41	1261205.56
	263° 24' 9"	64.2		
1061			428632.03	1261141.75
	163° 31' 7"	123.7		
1062			428513.46	1261176.83
	273° 52' 39"	165.8		
1063			428524.67	1261011.45
	330° 22' 48"	129.7		
1064			428637.38	1260947.37
	261° 42' 18"	386.9		
1065			428581.57	1260564.56
	273° 0' 49"	132.2		
1066			428588.52	1260432.55
	319° 12' 0"	40.1		
1067			428618.85	1260406.37
	257° 31' 31"	187.8		
1068			428578.29	1260223.03
	255° 16' 12"	31.9		
1069			428570.19	1260192.22
	261° 51' 16"	26.3		
1070			428566.47	1260166.23
	183° 38' 16"	201.4		
1071			428365.46	1260153.45
	174° 19' 42"	26.3		
1072			428339.28	1260156.05
	182° 48' 17"	71.9		
1073			428267.43	1260152.53
	213° 41' 21"	213.7		
1074			428089.63	1260034
	221° 11' 9"	11.5		
1075			428080.99	1260026.44
	274° 38' 5"	194.9		

1076			428096.74	1259832.16
	229° 49' 21"	76		
1077			428047.74	1259774.13
	248° 16' 6"	15.2		
1078			428042.1	1259759.98
	264° 32' 54"	9.7		
1079			428041.18	1259750.34
	268° 28' 53"	100.8		
1080			428038.51	1259649.62
	13° 38' 11"	80		
1081			428116.21	1259668.47
	15° 10' 20"	55.3		
1082			428169.57	1259682.94
	356° 37' 40"	42		
1083			428211.49	1259680.47
	10° 36' 28"	66.3		
1084			428276.63	1259692.67
	357° 53' 53"	21		
1085			428297.61	1259691.9
	290° 5' 59"	129.8		
1086			428342.23	1259569.97
	336° 24' 20"	94.7		
1087			428428.98	1259532.08
	13° 46' 16"	51.4		
1088			428478.92	1259544.32
	344° 30' 35"	47.7		
1089			428524.89	1259531.58
	334° 3' 55"	30.9		
1090			428552.67	1259518.07
	301° 20' 35"	32.1		
1091			428569.37	1259490.65
	281° 1' 30"	36.7		
1092			428576.39	1259454.62
	282° 38' 25"	28.4		
1093			428582.6	1259426.93
	12° 46' 46"	35.9		
1094			428617.65	1259434.88
	31° 19' 53"	62.8		
1095			428671.3	1259467.54
	30° 14' 2"	61		
1096			428724.01	1259498.26
	301° 21' 5"	111.7		
1097			428782.15	1259402.83
	298° 46' 15"	274.4		
1098			428914.24	1259162.27
	283° 56' 50"	57.9		
1099			428928.19	1259106.1
	294° 32' 37"	73.7		
1100			428958.79	1259039.09
	306° 22' 11"	43.8		
1101			428984.75	1259003.84
	310° 42' 50"	81.1		
1102			429037.64	1258942.38
	184° 19' 27"	34.2		
1103			429003.52	1258939.8
	183° 13' 31"	341.3		
1104			428662.8	1258920.6
	182° 1' 15"	289.8		
1105			428373.19	1258910.38
	274° 12' 7"	351.3		

1106			428398.93	1258560.04
	274° 22' 55"	50.1		
1107			428402.76	1258510.06
	271° 3' 5"	13.6		
1108			428403.01	1258496.44
	273° 28' 50"	47.1		
1109			428405.87	1258449.42
	273° 28' 42"	47.8		
1110			428408.77	1258401.71
	273° 28' 28"	48.5		
1111			428411.71	1258353.29
	273° 28' 1"	49.1		
1112			428414.68	1258304.27
	273° 28' 41"	49.9		
1113			428417.71	1258254.42
	273° 28' 16"	50.7		
1114			428420.78	1258203.81
	273° 31' 27"	9.6		
1115			428421.37	1258194.23
	273° 28' 23"	70		
1116			428425.61	1258124.37
	269° 30' 22"	36		
1117			428425.3	1258088.4
	267° 45' 55"	78.7		
1118			428422.23	1258009.72
	269° 49' 13"	105.3		
1119			428421.9	1257904.4
	271° 24' 56"	36		
1120			428422.79	1257868.39
	271° 24' 55"	36		
1121			428423.68	1257832.37
	271° 21' 51"	100		
1122			428426.06	1257732.43
	271° 31' 40"	36		
1123			428427.02	1257696.44
	271° 18' 18"	36		
1124			428427.84	1257660.45
	271° 29' 46"	36		
1125			428428.78	1257624.46
	271° 21' 11"	36		
1126			428429.63	1257588.48
	271° 28' 48"	36		
1127			428430.56	1257552.49
	271° 24' 59"	36		
1128			428431.45	1257516.5
	271° 24' 59"	36		
1129			428432.34	1257480.51
	271° 24' 59"	36		
1130			428433.23	1257444.52
	267° 15' 25"	88.6		
1131			428428.99	1257356.02
	356° 47' 59"	124.7		
1132			428553.47	1257349.06
	356° 33' 11"	204.9		
1133			428758.01	1257336.74
	242° 38' 35"	124.3		
1134			428700.91	1257226.38
	240° 17' 35"	128.4		
1135			428637.26	1257114.82
	241° 1' 10"	62.2		

1136			428607.13	1257060.42
	332° 52' 39"	48.7		
1137			428650.51	1257038.2
	224° 15' 42"	117.5		
1138			428566.39	1256956.22
	235° 30' 15"	916.5		
1139			428047.32	1256200.85
	235° 33' 16"	631.8		
1140			427689.97	1255679.84
	233° 22' 44"	89.3		
1141			427636.71	1255608.18
	231° 8' 45"	268.6		
1142			427468.2	1255399
	222° 47' 47"	142.5		
1143			427363.61	1255302.16
	232° 38' 19"	64.4		
1144			427324.55	1255251
	147° 58' 15"	36		
1145			427294.05	1255270.08
	150° 53' 10"	37.7		
1146			427261.1	1255288.43
	203° 53' 37"	10.2		
1147			427251.8	1255284.31
	214° 43' 40"	5.5		
1148			427247.27	1255281.17
	239° 8' 45"	46.6		
1149			427223.38	1255241.18
	316° 40' 54"	16.4		
1150			427235.3	1255229.94
	296° 38' 35"	13.1		
1151			427241.18	1255218.22
	277° 18' 16"	11.1		
1152			427242.59	1255207.22
	266° 53' 34"	15.3		
1153			427241.76	1255191.93
	236° 16' 35"	4.8		
1154			427239.11	1255187.96
	150° 6' 36"	6.9		
1155			427233.16	1255191.38
	137° 13' 48"	10.7		
1156			427225.29	1255198.66
	164° 34' 51"	5.8		
1157			427219.67	1255200.21
	206° 11' 17"	6.8		
1158			427213.57	1255197.21
	252° 17' 50"	10.9		
1159			427210.26	1255186.84
	248° 41' 8"	7		
1160			427207.72	1255180.33
	196° 27' 7"	3.1		
1161			427204.74	1255179.45
	139° 33' 41"	18.3		
1162			427190.8	1255191.33
	238° 52' 13"	22.5		
1163			427179.15	1255172.04
	310° 39' 47"	14		
1164			427188.29	1255161.4
	311° 37' 35"	27.6		
1165			427206.65	1255140.74
	326° 28' 56"	31.3		

1166			427232.77	1255123.44
	235° 58' 29"	1 840.9		
1167			426202.7	1253597.75
	236° 32' 54"	487.1		
1168			425934.21	1253191.36
	241° 53' 47"	187.4		
1169			425845.94	1253026.07
	254° 44' 26"	119.8		
1170			425814.42	1252910.53
	250° 52' 45"	74		
1171			425790.19	1252840.64
	262° 42' 33"	22.3		
1172			425787.36	1252818.52
	265° 54' 35"	44		
1173			425784.22	1252774.61
	265° 43' 27"	27.5		
1174			425782.17	1252747.19
	262° 44' 40"	58.3		
1175			425774.81	1252689.38
	265° 59' 23"	60.1		
1176			425770.61	1252629.47
	274° 19' 42"	69.6		
1177			425775.86	1252560.11
	282° 16' 27"	74.2		
1178			425791.64	1252487.58
	279° 23' 30"	70.8		
1179			425803.2	1252417.69
	283° 31' 12"	69.7		
1180			425819.5	1252349.9
	286° 38' 2"	79		
1181			425842.11	1252274.22
	288° 3' 17"	73		
1182			425864.72	1252204.86
	299° 24' 17"	85.7		
1183			425906.78	1252130.23
	292° 31' 30"	179.8		
1184			425975.65	1251964.17
	295° 38' 0"	189.8		
1185			426057.75	1251793.07
	289° 37' 36"	64.2		
1186			426079.3	1251732.64
	296° 19' 15"	211.1		
1187			426172.89	1251543.45
	294° 48' 22"	381.6		
1188			426332.99	1251197.06
	22° 48' 7"	78.4		
1189			426405.23	1251227.43
	15° 58' 9"	78.8		
1190			426480.99	1251249.11
	9° 18' 39"	190		
1191			426668.48	1251279.85
	0° 49' 47"	78		
1192			426746.48	1251280.98
	356° 41' 15"	118.6		
1193			426864.84	1251274.13
	355° 43' 9"	100.9		
1194			426965.44	1251266.6
	5° 59' 25"	115.8		
1195			427080.56	1251278.68
	10° 7' 20"	184.5		

1196			427262.21	1251311.11
	358° 8' 1"	89		
1197			427351.21	1251308.21
	332° 27' 33"	143.2		
1198			427478.14	1251242.02
	345° 57' 25"	63.4		
1199			427539.67	1251226.63
	332° 27' 26"	40.9		
1200			427575.93	1251207.72
	301° 44' 55"	54		
1201			427604.32	1251161.84
	322° 15' 41"	71.1		
1202			427660.55	1251118.32
	262° 29' 20"	52.9		
1203			427653.64	1251065.91
	6° 55' 15"	142.2		
1204			427794.76	1251083.04
	43° 53' 13"	126.3		
1205			427885.81	1251170.62
	51° 4' 0"	121.2		
1206			427961.95	1251264.87
	52° 17' 8"	164.4		
1207			428062.5	1251394.9
	37° 44' 43"	111.8		
1208			428150.88	1251463.32
	30° 52' 40"	124.6		
1209			428257.81	1251527.26
	22° 57' 55"	166.2		
1210			428410.82	1251592.1
	44° 20' 4"	131.5		
1211			428504.89	1251684.01
	63° 36' 12"	77.6		
1212			428539.39	1251753.52
	53° 45' 17"	49.9		
1213			428568.89	1251793.76
	31° 27' 18"	55.2		
1214			428615.97	1251822.56
	39° 55' 3"	50.4		
1215			428654.66	1251854.93
	51° 29' 12"	72.7		
1216			428699.91	1251911.79
	40° 21' 57"	74.7		
1217			428756.86	1251960.2
	2° 26' 11"	34.8		
1218			428791.64	1251961.68
	89° 14' 38"	32.6		
1219			428792.07	1251994.27
	53° 49' 18"	33.8		
1220			428812.02	1252021.55
	72° 48' 55"	22.6		
1221			428818.7	1252043.15
	41° 27' 18"	0.8		
1222			428819.3	1252043.68
	2° 15' 8"	42.5		
1223			428861.76	1252045.35
	70° 51' 43"	99.7		
1224			428894.46	1252139.58
	3° 15' 32"	24.1		
1225			428918.52	1252140.95
	3° 15' 0"	52.9		

1226			428971.35	1252143.95
	3° 15' 7"	49.2		
1227			429020.45	1252146.74
	2° 1' 22"	222.7		
1228			429242.97	1252154.6
	4° 0' 42"	105.8		
1229			429348.48	1252162
	356° 44' 34"	86.4		
1230			429434.76	1252157.09
	83° 26' 57"	123.2		
1231			429448.82	1252279.53
	84° 15' 40"	263.2		
1232			429475.14	1252541.43
	84° 20' 50"	195.9		
1233			429494.44	1252736.42
	84° 34' 14"	237.3		
1234			429516.89	1252972.63
	91° 37' 59"	9.5		
1235			429516.62	1252982.1
	86° 59' 8"	194.2		
1236			429526.83	1253176
	23° 38' 33"	19.8		
1237			429544.99	1253183.95
	296° 38' 3"	137.1		
1238			429606.47	1253061.36
	298° 57' 14"	403.3		
1239			429801.7	1252708.49
	297° 45' 34"	298.2		
1240			429940.58	1252444.63
	290° 30' 28"	295.4		
1241			430044.07	1252167.95
	18° 37' 43"	22.4		
1242			430065.34	1252175.12
	22° 42' 48"	114.6		
1243			430171.03	1252219.36
	31° 7' 1"	70.4		
1244			430231.33	1252255.76
	341° 6' 50"	136.1		
1245			430360.15	1252211.69
	357° 48' 20"	126.7		
1246			430486.72	1252206.84
	0° 44' 38"	48.5		
1247			430535.23	1252207.47
	5° 30' 23"	22.6		
1248			430557.74	1252209.64
	0° 33' 22"	20.6		
1249			430578.34	1252209.84
	344° 17' 8"	32.7		
1250			430609.83	1252200.98
	341° 30' 32"	55.1		
1251			430662.07	1252183.51
	290° 4' 54"	60		
1252			430682.66	1252127.19
	7° 59' 13"	212.9		
1253			430893.48	1252156.77
	14° 28' 50"	119.8		
1254			431009.45	1252186.72
	73° 21' 12"	84.2		
1255			431033.57	1252267.39
	336° 24' 11"	56.3		

1256			431085.17	1252244.85
	82° 37' 53"	51.1		
1257			431091.72	1252295.5
	348° 10' 43"	39.3		
1258			431130.23	1252287.44
	333° 44' 31"	65.1		
1259			431188.61	1252258.64
	274° 15' 2"	78.4		
1260			431194.42	1252180.47
	318° 14' 42"	99.2		
1261			431268.41	1252114.42
	326° 38' 16"	110.9		
1262			431361.04	1252053.43
	272° 45' 58"	62.6		
1263			431364.06	1251990.93
	265° 17' 25"	58.8		
1264			431359.23	1251932.3
	6° 35' 53"	42.9		
1265			431401.85	1251937.23
	279° 39' 23"	21.8		
1266			431405.51	1251915.72
	226° 37' 33"	19.4		
1267			431392.16	1251901.59
	226° 40' 17"	20.6		
1268			431378.02	1251886.6
	251° 2' 42"	22		
1269			431370.89	1251865.84
	342° 49' 48"	103.1		
1270			431469.41	1251835.4
	328° 31' 2"	74.8		
1271			431533.21	1251796.33
	345° 17' 30"	4.1		
1272			431537.21	1251795.28
	267° 15' 37"	53.6		
1273			431534.65	1251741.78
	263° 11' 21"	86.6		
1274			431524.38	1251655.79
	291° 26' 16"	94.3		
1275			431558.84	1251568.03
	319° 7' 18"	103		
1276			431636.72	1251500.62
	11° 11' 21"	193.6		
1277			431826.6	1251538.18
	349° 37' 21"	40.2		
1278			431866.19	1251530.93
	323° 22' 10"	69.4		
1279			431921.86	1251489.54
	331° 22' 14"	17		
1280			431936.79	1251481.39
	56° 26' 34"	15.5		
1281			431945.38	1251494.34
	68° 24' 24"	51.6		
1282			431964.37	1251542.32
	23° 41' 47"	92.8		
1283			432049.31	1251579.6
	352° 7' 21"	15.4		
1284			432064.56	1251577.49
	316° 49' 15"	23.6		
1285			432081.76	1251561.35
	347° 5' 35"	77.8		

1286			432157.56	1251543.98
	357° 4' 37"	21.8		
1287			432179.3	1251542.87
	61° 58' 32"	39.9		
1288			432198.03	1251578.06
	10° 56' 8"	6.9		
1289			432204.81	1251579.37
	322° 18' 58"	25.2		
1290			432224.76	1251563.96
	18° 8' 56"	28.5		
1291			432251.85	1251572.84
	58° 51' 55"	46		
1292			432275.65	1251612.24
	43° 48' 59"	35.9		
1293			432301.59	1251637.13
	12° 1' 30"	46.5		
1294			432347.08	1251646.82
	356° 40' 43"	39.5		
1295			432386.54	1251644.53
	348° 24' 3"	21.4		
1296			432407.49	1251640.23
	324° 51' 45"	44.6		
1297			432443.95	1251614.57
	277° 23' 25"	24.1		
1298			432447.05	1251590.67
	263° 12' 59"	50.4		
1299			432441.1	1251540.65
	307° 33' 20"	65		
1300			432480.72	1251489.12
	290° 55' 57"	29.4		
1301			432491.22	1251461.67
	278° 21' 25"	45.7		
1302			432497.86	1251416.47
	274° 21' 36"	59.2		
1303			432502.36	1251357.45
	277° 53' 13"	29		
1304			432506.34	1251328.72
	302° 19' 24"	50		
1305			432533.08	1251286.46
	253° 51' 44"	10.6		
1306			432530.12	1251276.23
	261° 30' 41"	24.9		
1307			432526.45	1251251.64
	0° 48' 25"	127.8		
1308			432654.22	1251253.44
	22° 21' 54"	90.8		
1309			432738.19	1251287.99
	35° 57' 1"	61.9		
1310			432788.34	1251324.36
	46° 47' 5"	52		
1311			432823.94	1251362.25
	80° 17' 15"	102.5		
1312			432841.23	1251463.27
	86° 51' 2"	97.7		
1313			432846.6	1251560.87
	75° 54' 6"	65		
1314			432862.44	1251623.94
	24° 44' 43"	227.9		
1315			433069.38	1251719.32
	5° 11' 25"	138.9		

1316			433207.76	1251731.89
	349° 39' 38"	26.7		
1317			433234.07	1251727.09
	7° 11' 52"	79.9		
1318			433313.33	1251737.1
	347° 52' 44"	132.7		
1319			433443.1	1251709.23
	331° 5' 45"	69.5		
1320			433503.92	1251675.65
	353° 16' 42"	232.4		
1321			433734.71	1251648.45
	353° 56' 11"	123.3		
1322			433857.28	1251635.43
	329° 53' 28"	91.6		
1323			433936.52	1251589.48
	339° 52' 17"	77.2		
1324			434008.96	1251562.93
	329° 9' 34"	92.4		
1325			434088.28	1251515.57
	327° 29' 3"	63.2		
1326			434141.57	1251481.6
	334° 4' 51"	140.4		
1327			434267.85	1251420.23
	357° 20' 52"	120.4		
1328			434388.1	1251414.66
	0° 59' 56"	118.7		
1329			434506.81	1251416.73
	343° 35' 9"	61		
1330			434565.3	1251399.5
	330° 31' 52"	51.5		
1331			434610.11	1251374.18
	334° 54' 50"	117.3		
1332			434716.34	1251324.45
	342° 7' 44"	92.8		
1333			434804.7	1251295.96
	337° 54' 2"	93.6		
1334			434891.44	1251260.74
	334° 9' 20"	58.3		
1335			434943.92	1251235.32
	319° 30' 36"	136.1		
1336			435047.39	1251146.98
	283° 5' 4"	56.4		
1337			435060.15	1251092.08
	247° 40' 41"	69.1		
1338			435033.91	1251028.17
	228° 17' 53"	73.1		
1339			434985.26	1250973.57
	227° 20' 28"	84.5		
1340			434928.02	1250911.45
	302° 53' 44"	50.8		
1341			434955.62	1250868.78
	343° 12' 37"	96		
1342			435047.56	1250841.04
	352° 16' 32"	198.7		
1343			435244.48	1250814.33
	349° 31' 47"	273.6		
1344			435513.53	1250764.61
	264° 12' 12"	66.2		
1345			435506.84	1250698.71
	329° 2' 20"	73.5		

1346			435569.88	1250660.89
	297° 35' 12"	66.2		
1347			435600.54	1250602.21
	245° 58' 20"	59.9		
1348			435576.15	1250547.5
	268° 40' 3"	282.1		
1349			435569.59	1250265.44
	232° 54' 7"	249.9		
1350			435418.85	1250066.11
	166° 15' 52"	248.5		
1351			435177.43	1250125.12
	170° 27' 30"	16.7		
1352			435161.01	1250127.88
	253° 51' 36"	6.5		
1353			435159.21	1250121.66
	261° 19' 2"	6.2		
1354			435158.28	1250115.57
	174° 58' 34"	18.8		
1355			435139.51	1250117.22
	170° 39' 37"	155.2		
1356			434986.41	1250142.4
	174° 50' 16"	100.8		
1357			434886.01	1250151.47
	177° 10' 33"	53.6		
1358			434832.49	1250154.11
	253° 28' 29"	34.1		
1359			434822.8	1250121.45
	245° 10' 43"	39.1		
1360			434806.39	1250085.97
	320° 28' 12"	42.6		
1361			434839.23	1250058.87
	248° 2' 21"	45.5		
1362			434822.23	1250016.71
	287° 35' 12"	40.4		
1363			434834.43	1249978.22
	263° 50' 51"	59.3		
1364			434828.08	1249919.31
	237° 51' 1"	43.8		
1365			434804.75	1249882.19
	279° 27' 59"	65.3		
1366			434815.49	1249817.78
	278° 0' 33"	47.7		
1367			434822.13	1249770.59
	276° 18' 58"	74.4		
1368			434830.31	1249696.69
	281° 5' 21"	56.6		
1369			434841.19	1249641.18
	279° 23' 47"	63		
1370			434851.47	1249579.06
	321° 13' 58"	28.4		
1371			434873.61	1249561.28
	321° 15' 50"	16.5		
1372			434886.45	1249550.98
	321° 14' 55"	22.5		
1373			434903.98	1249536.91
	308° 55' 3"	6.9		
1374			434908.34	1249531.51
	308° 54' 25"	8.3		
1375			434913.57	1249525.03
	300° 57' 49"	0.4		

1376			434913.78	1249524.68
	332° 35' 2"	18.1		
1377			434929.82	1249516.36
	333° 55' 27"	29.3		
1378			434956.16	1249503.47
	25° 20' 46"	0.2		
1379			434956.35	1249503.56
	25° 20' 6"	2.5		
1380			434958.61	1249504.63
	340° 1' 0"	2		
1381			434960.48	1249503.95
	336° 11' 3"	11.1		
1382			434970.63	1249499.47
	334° 10' 4"	5.9		
1383			434975.98	1249496.88
	358° 11' 55"	9.5		
1384			434985.52	1249496.58
	18° 26' 5"	2.5		
1385			434987.92	1249497.38
	18° 26' 5"	5		
1386			434992.66	1249498.96
	290° 36' 55"	5.7		
1387			434994.65	1249493.67
	291° 18' 28"	5.2		
1388			434996.53	1249488.85
	287° 9' 58"	11.3		
1389			434999.86	1249478.07
	289° 9' 8"	5.3		
1390			435001.6	1249473.06
	17° 34' 39"	11.6		
1391			435012.68	1249476.57
	294° 18' 16"	0.3		
1392			435012.82	1249476.26
	22° 50' 55"	3.7		
1393			435016.19	1249477.68
	17° 7' 34"	3.6		
1394			435019.63	1249478.74
	107° 1' 22"	9		
1395			435017	1249487.33
	111° 26' 0"	6.6		
1396			435014.57	1249493.52
	19° 39' 23"	13.8		
1397			435027.56	1249498.16
	289° 10' 44"	0.2		
1398			435027.64	1249497.93
	19° 18' 22"	5		
1399			435032.35	1249499.58
	109° 5' 36"	0.3		
1400			435032.26	1249499.84
	19° 39' 13"	0.7		
1401			435032.96	1249500.09
	288° 59' 4"	13.2		
1402			435037.25	1249487.62
	18° 38' 8"	20.7		
1403			435056.91	1249494.25
	108° 21' 14"	13.4		
1404			435052.68	1249507
	19° 10' 14"	14.3		
1405			435066.17	1249511.69
	107° 55' 40"	6.1		

1406			435064.3	1249517.47
	18° 45' 52"	10.4		
1407			435074.19	1249520.83
	106° 40' 35"	16.9		
1408			435069.34	1249537.02
	19° 16' 54"	39.4		
1409			435106.5	1249550.02
	10° 55' 35"	2.6		
1410			435109.09	1249550.52
	16° 8' 45"	27.9		
1411			435135.86	1249558.27
	284° 7' 59"	1.4		
1412			435136.21	1249556.88
	14° 17' 13"	5		
1413			435141.04	1249558.11
	291° 38' 39"	0.7		
1414			435141.29	1249557.48
	24° 37' 2"	3.6		
1415			435144.52	1249558.96
	291° 45' 9"	2.2		
1416			435145.33	1249556.93
	16° 49' 17"	9.4		
1417			435154.36	1249559.66
	101° 12' 21"	1.1		
1418			435154.15	1249560.72
	18° 30' 6"	5.4		
1419			435159.29	1249562.44
	283° 48' 2"	7.7		
1420			435161.12	1249554.99
	19° 29' 29"	15.4		
1421			435175.67	1249560.14
	15° 51' 22"	14.1		
1422			435189.26	1249564
	10° 41' 14"	4.2		
1423			435193.34	1249564.77
	288° 43' 50"	1.8		
1424			435193.93	1249563.03
	5° 16' 32"	10.2		
1425			435204.11	1249563.97
	359° 6' 41"	12.3		
1426			435216.36	1249563.78
	90° 16' 18"	10.5		
1427			435216.31	1249574.32
	73° 6' 29"	2		
1428			435216.89	1249576.23
	21° 5' 48"	3.5		
1429			435220.13	1249577.48
	299° 29' 4"	2.5		
1430			435221.34	1249575.34
	18° 18' 27"	4.3		
1431			435225.39	1249576.68
	295° 40' 36"	0.6		
1432			435225.64	1249576.16
	16° 18' 3"	24.1		
1433			435248.79	1249582.93
	286° 26' 25"	1.3		
1434			435249.15	1249581.71
	14° 13' 1"	6.1		
1435			435255.11	1249583.22
	111° 5' 32"	1.5		

1436			435254.57	1249584.62
	16° 17' 29"	17.5		
1437			435271.37	1249589.53
	20° 11' 39"	0.9		
1438			435272.24	1249589.85
	288° 34' 58"	20.8		
1439			435278.87	1249570.13
	289° 21' 51"	24.8		
1440			435287.08	1249546.77
	288° 50' 41"	25.2		
1441			435295.22	1249522.92
	288° 17' 8"	20.6		
1442			435301.69	1249503.34
	264° 8' 58"	5.3		
1443			435301.15	1249498.07
	196° 45' 6"	40.7		
1444			435262.18	1249486.34
	197° 17' 19"	11.5		
1445			435251.16	1249482.91
	150° 51' 56"	0.7		
1446			435250.55	1249483.25
	110° 31' 20"	23.9		
1447			435242.18	1249505.61
	196° 29' 54"	27		
1448			435216.25	1249497.93
	211° 53' 26"	2.1		
1449			435214.45	1249496.81
	287° 46' 53"	61		
1450			435233.08	1249438.72
	284° 23' 9"	3.2		
1451			435233.87	1249435.64
	17° 54' 55"	3.8		
1452			435237.52	1249436.82
	284° 43' 22"	4.2		
1453			435238.6	1249432.71
	15° 29' 57"	1.2		
1454			435239.79	1249433.04
	288° 0' 29"	17.4		
1455			435245.17	1249416.49
	193° 18' 16"	5.1		
1456			435240.18	1249415.31
	194° 34' 42"	7.9		
1457			435232.49	1249413.31
	286° 19' 36"	2.1		
1458			435233.07	1249411.33
	287° 1' 36"	17.8		
1459			435238.27	1249394.35
	206° 6' 23"	9.5		
1460			435229.74	1249390.17
	208° 26' 47"	11.4		
1461			435219.68	1249384.72
	218° 11' 29"	8.4		
1462			435213.07	1249379.52
	234° 25' 43"	4		
1463			435210.76	1249376.29
	206° 35' 5"	12.9		
1464			435199.25	1249370.53
	116° 27' 19"	4.7		
1465			435197.17	1249374.71
	26° 33' 54"	0.1		

1466			435197.27	1249374.76
	116° 33' 54"	0.4		
1467			435197.09	1249375.12
	26° 33' 54"	0.6		
1468			435197.63	1249375.39
	105° 27' 21"	2.3		
1469			435197.03	1249377.56
	105° 17' 6"	6.7		
1470			435195.27	1249384
	195° 34' 45"	9.5		
1471			435186.16	1249381.46
	278° 13' 36"	0.8		
1472			435186.28	1249380.63
	281° 2' 27"	0.4		
1473			435186.36	1249380.22
	202° 7' 41"	15		
1474			435172.49	1249374.58
	289° 31' 2"	9.9		
1475			435175.79	1249365.27
	198° 25' 8"	22.8		
1476			435154.2	1249358.08
	283° 33' 20"	2.6		
1477			435154.81	1249355.55
	198° 11' 43"	49.2		
1478			435108.08	1249340.19
	201° 12' 7"	22		
1479			435087.56	1249332.23
	298° 12' 45"	13.2		
1480			435093.81	1249320.58
	296° 2' 4"	35.7		
1481			435109.5	1249288.46
	296° 12' 28"	33.7		
1482			435124.39	1249258.21
	201° 12' 12"	8.2		
1483			435116.76	1249255.25
	195° 26' 9"	1.4		
1484			435115.42	1249254.88
	203° 51' 23"	8.2		
1485			435107.89	1249251.55
	210° 34' 12"	48.7		
1486			435065.99	1249226.8
	205° 34' 42"	16.9		
1487			435050.76	1249219.51
	298° 51' 54"	16.2		
1488			435058.56	1249205.36
	298° 50' 58"	33.7		
1489			435074.8	1249175.88
	298° 51' 33"	20.2		
1490			435084.56	1249158.17
	299° 59' 8"	29.2		
1491			435099.17	1249132.85
	307° 32' 36"	22.3		
1492			435112.75	1249115.18
	308° 17' 16"	79.9		
1493			435162.23	1249052.5
	290° 7' 23"	33.2		
1494			435173.64	1249021.36
	288° 16' 37"	13.8		
1495			435177.96	1249008.28
	290° 1' 48"	55.1		

1496			435196.83	1248956.52
	255° 55' 19"	3.3		
1497			435196.02	1248953.29
	195° 19' 52"	33.1		
1498			435164.14	1248944.55
	284° 15' 21"	4.4		
1499			435165.23	1248940.26
	182° 13' 4"	41.6		
1500			435123.66	1248938.65
	182° 13' 41"	2.6		
1501			435121.09	1248938.55
	180° 56' 7"	2.5		
1502			435118.64	1248938.51
	180° 51' 50"	37.8		
1503			435080.85	1248937.94
	180° 16' 12"	2.1		
1504			435078.73	1248937.93
	179° 57' 55"	16.5		
1505			435062.2	1248937.94
	179° 58' 36"	74.1		
1506			434988.14	1248937.97
	270° 20' 44"	16.6		
1507			434988.24	1248921.39
	265° 44' 46"	6.1		
1508			434987.79	1248915.34
	263° 36' 57"	76.4		
1509			434979.3	1248839.46
	266° 15' 12"	22		
1510			434977.86	1248817.47
	253° 5' 18"	11.9		
1511			434974.4	1248806.09
	267° 18' 58"	58.7		
1512			434971.65	1248747.42
	270° 53' 39"	27.6		
1513			434972.08	1248719.87
	270° 8' 19"	123.8		
1514			434972.38	1248596.08
	272° 52' 5"	171.5		
1515			434980.96	1248424.83
	285° 13' 2"	4		
1516			434982.01	1248420.97
	285° 11' 7"	43.9		
1517			434993.51	1248378.6
	285° 9' 8"	6.8		
1518			434995.3	1248371.99
	4° 17' 57"	22.5		
1519			435017.78	1248373.68
	272° 14' 1"	11.3		
1520			435018.22	1248362.4
	272° 17' 26"	10		
1521			435018.62	1248352.4
	193° 52' 25"	3.4		
1522			435015.3	1248351.58
	278° 42' 30"	4.6		
1523			435016	1248347.01
	272° 51' 44"	0.8		
1524			435016.04	1248346.21
	273° 21' 59"	3.4		
1525			435016.24	1248342.81
	273° 12' 30"	20		

1526			435017.36	1248322.83
	1° 31' 39"	3		
1527			435020.36	1248322.91
	271° 40' 34"	7.9		
1528			435020.59	1248315.05
	184° 15' 31"	0.9		
1529			435019.65	1248314.98
	276° 19' 59"	9.2		
1530			435020.66	1248305.88
	276° 27' 38"	5.8		
1531			435021.31	1248300.14
	276° 23' 32"	14.6		
1532			435022.93	1248285.68
	274° 7' 40"	20.3		
1533			435024.39	1248265.45
	274° 8' 28"	9.6		
1534			435025.08	1248255.92
	273° 57' 37"	1.3		
1535			435025.17	1248254.62
	8° 7' 48"	0.1		
1536			435025.24	1248254.63
	275° 10' 39"	9.3		
1537			435026.08	1248245.36
	274° 36' 24"	17.3		
1538			435027.47	1248228.11
	256° 11' 5"	1.3		
1539			435027.17	1248226.89
	280° 19' 57"	3.7		
1540			435027.83	1248223.27
	273° 50' 55"	5.5		
1541			435028.2	1248217.77
	273° 45' 46"	12.6		
1542			435029.03	1248205.15
	289° 48' 41"	1.7		
1543			435029.61	1248203.54
	204° 15' 14"	2		
1544			435027.79	1248202.72
	274° 15' 25"	10.2		
1545			435028.55	1248192.51
	274° 37' 13"	10.3		
1546			435029.38	1248182.24
	272° 42' 2"	1.1		
1547			435029.43	1248181.18
	274° 2' 52"	8.6		
1548			435030.04	1248172.56
	265° 43' 20"	8.7		
1549			435029.39	1248163.87
	272° 6' 47"	13.3		
1550			435029.88	1248150.59
	269° 1' 14"	1.2		
1551			435029.86	1248149.42
	269° 0' 5"	4.6		
1552			435029.78	1248144.83
	276° 27' 39"	10.5		
1553			435030.96	1248134.41
	266° 22' 54"	29.8		
1554			435029.08	1248104.68
	269° 8' 41"	0.7		
1555			435029.07	1248104.01
	265° 23' 9"	13.7		

1556			435027.97	1248090.38
	90° 0' 0"	2.9		
1557			435025.11	1248090.38
	270° 15' 16"	4.5		
1558			435025.13	1248085.88
	0° 13' 55"	2.5		
1559			435027.6	1248085.89
	265° 22' 52"	4.6		
1560			435027.23	1248081.31
	181° 5' 28"	1.1		
1561			435026.18	1248081.29
	270° 20' 38"	3.3		
1562			435026.2	1248077.96
	1° 30' 26"	0.4		
1563			435026.58	1248077.97
	90° 0' 0"	0.1		
1564			435026.58	1248077.89
	270° 58' 15"	1.2		
1565			435026.6	1248076.71
	268° 3' 30"	1.2		
1566			435026.56	1248075.53
	358° 5' 27"	0.3		
1567			435026.86	1248075.52
	90° 0' 0"	0.4		
1568			435026.86	1248075.07
	359° 19' 4"	2.5		
1569			435029.38	1248075.04
	262° 15' 21"	6.1		
1570			435028.56	1248069.01
	262° 2' 51"	13.2		
1571			435026.73	1248055.91
	182° 19' 17"	0.7		
1572			435025.99	1248055.88
	262° 8' 48"	10.2		
1573			435024.59	1248045.73
	174° 48' 20"	0.7		
1574			435023.93	1248045.79
	173° 31' 48"	1		
1575			435022.96	1248045.9
	265° 23' 38"	19.9		
1576			435021.36	1248026.04
	175° 53' 9"	10		
1577			435011.35	1248026.76
	176° 31' 22"	17.6		
1578			434993.74	1248027.83
	269° 58' 12"	19.2		
1579			434993.73	1248008.6
	90° 0' 0"	27		
1580			434993.73	1247981.56
	354° 8' 38"	2.7		
1581			434996.46	1247981.28
	354° 9' 19"	30.6		
1582			435026.94	1247978.16
	264° 4' 41"	13.8		
1583			435025.52	1247964.47
	174° 50' 38"	29.6		
1584			434996.04	1247967.13
	168° 41' 24"	0.1		
1585			434995.99	1247967.14
	268° 8' 37"	4.3		

1586			434995.85	1247962.82
	178° 57' 30"	1.7		
1587			434994.2	1247962.85
	266° 7' 56"	3.6		
1588			434993.96	1247959.3
	268° 41' 16"	34.9		
1589			434993.16	1247924.37
	272° 3' 35"	11.4		
1590			434993.57	1247912.97
	266° 59' 48"	19.1		
1591			434992.57	1247893.91
	268° 26' 48"	12.5		
1592			434992.23	1247881.37
	270° 42' 8"	33.4		
1593			434992.64	1247847.93
	270° 30' 57"	24.4		
1594			434992.86	1247823.5
	267° 12' 38"	8.2		
1595			434992.46	1247815.29
	7° 23' 30"	1.9		
1596			434994.31	1247815.53
	268° 48' 1"	13.9		
1597			434994.02	1247801.68
	279° 12' 3"	7.6		
1598			434995.23	1247794.21
	196° 53' 24"	26.7		
1599			434969.64	1247786.44
	275° 26' 6"	15.5		
1600			434971.11	1247770.99
	182° 53' 51"	8.1		
1601			434963.01	1247770.58
	269° 16' 44"	17.5		
1602			434962.79	1247753.1
	269° 14' 58"	51.2		
1603			434962.12	1247701.94
	269° 17' 31"	14.6		
1604			434961.94	1247687.37
	179° 30' 38"	10.5		
1605			434951.4	1247687.46
	244° 42' 2"	26.1		
1606			434940.24	1247663.85
	243° 9' 27"	22.2		
1607			434930.23	1247644.07
	331° 54' 15"	20.3		
1608			434948.1	1247634.53
	330° 14' 9"	48.2		
1609			434989.98	1247610.58
	331° 38' 27"	45.9		
1610			435030.33	1247588.8
	327° 4' 24"	14.6		
1611			435042.56	1247580.88
	329° 18' 54"	17.6		
1612			435057.71	1247571.89
	330° 56' 16"	81.7		
1613			435129.13	1247532.2
	329° 53' 24"	12.7		
1614			435140.08	1247525.85
	332° 24' 3"	34.9		
1615			435171.05	1247509.66
	332° 47' 27"	26.3		

1616			435194.41	1247497.65
	336° 46' 23"	24		
1617			435216.5	1247488.17
	338° 9' 22"	30.2		
1618			435244.49	1247476.95
	342° 14' 41"	45.6		
1619			435287.9	1247463.05
	342° 45' 51"	46.5		
1620			435332.35	1247449.26
	341° 43' 28"	12.5		
1621			435344.22	1247445.34
	342° 37' 18"	139		
1622			435476.92	1247403.81
	342° 54' 43"	45.6		
1623			435520.51	1247390.41
	343° 19' 50"	148.2		
1624			435662.48	1247347.9
	345° 0' 10"	39.3		
1625			435700.48	1247337.72
	344° 10' 8"	42.7		
1626			435741.53	1247326.08
	354° 53' 50"	85.9		
1627			435827.09	1247318.44
	112° 22' 27"	16.3		
1628			435820.87	1247333.55
	112° 20' 50"	9.5		
1629			435817.24	1247342.38
	112° 23' 22"	19.7		
1630			435809.73	1247360.61
	81° 55' 3"	79.9		
1631			435820.97	1247439.76
	86° 51' 48"	163.9		
1632			435829.94	1247603.46
	72° 23' 47"	158.9		
1633			435877.99	1247754.9
	78° 5' 8"	19.5		
1634			435882.02	1247774
	23° 36' 5"	3.5		
1635			435885.27	1247775.42
	54° 37' 11"	2.5		
1636			435886.74	1247777.49
	51° 14' 27"	14.4		
1637			435895.78	1247788.75
	51° 16' 54"	23		
1638			435910.17	1247806.7
	13° 29' 21"	20.8		
1639			435930.43	1247811.56
	101° 41' 4"	24		
1640			435925.57	1247835.06
	88° 12' 38"	51.9		
1641			435927.19	1247886.92
	83° 7' 48"	27.8		
1642			435930.52	1247914.56
	358° 42' 38"	25.8		
1643			435956.29	1247913.98
	89° 17' 7"	28.1		
1644			435956.64	1247942.04
	359° 18' 53"	61.9		
1645			436018.52	1247941.3
	93° 5' 53"	36.6		

1646			436016.54	1247977.88
	358° 7' 3"	62.4		
1647			436078.92	1247975.83
	358° 7' 59"	72.4		
1648			436151.33	1247973.47
	87° 38' 45"	33.6		
1649			436152.71	1248007.04
	52° 46' 10"	8.3		
1650			436157.71	1248013.62
	2° 28' 42"	595.3		
1651			436752.41	1248039.36
	42° 59' 54"	34.6		
1652			436777.73	1248062.97
	359° 42' 45"	165.5		
1653			436943.2	1248062.14
	267° 20' 24"	12.3		
1654			436942.63	1248049.87
	254° 16' 38"	1 024.9		
1655			436664.9	1247063.31
	342° 38' 26"	404.4		
1656			437050.89	1246942.65
	359° 2' 29"	43.6		
1657			437094.52	1246941.92
	342° 47' 25"	1.2		
1658			437095.65	1246941.57
	342° 43' 28"	30		
1659			437124.3	1246932.66
	342° 43' 37"	63.1		
1660			437184.6	1246913.91
	343° 23' 59"	107		
1661			437287.11	1246883.35
	343° 8' 14"	72.3		
1662			437356.26	1246862.39
	343° 13' 32"	73		
1663			437426.16	1246841.32
	343° 32' 27"	76.8		
1664			437499.78	1246819.57
	343° 25' 9"	80.6		
1665			437577.06	1246796.56
	343° 46' 17"	81.7		
1666			437655.53	1246773.72
	343° 46' 38"	73.8		
1667			437726.4	1246753.1
	343° 47' 24"	87.5		
1668			437810.4	1246728.68
	343° 47' 50"	88.1		
1669			437894.99	1246704.1
	343° 27' 6"	79.2		
1670			437970.95	1246681.53
	343° 27' 0"	62.9		
1671			438031.22	1246663.62
	344° 7' 19"	91.1		
1672			438118.83	1246638.7
	345° 14' 19"	47.5		
1673			438164.79	1246626.59
	4° 45' 55"	27.1		
1674			438191.78	1246628.84
	28° 50' 17"	16.5		
1675			438206.2	1246636.78
	0° 43' 27"	24.5		

1676			438230.72	1246637.09
	274° 2' 55"	16.6		
1677			438231.89	1246620.56
	313° 29' 15"	17.7		
1678			438244.06	1246607.73
	344° 47' 28"	33.7		
1679			438276.54	1246598.9
	244° 0' 54"	34.4		
1680			438261.45	1246567.94
	244° 0' 38"	721.3		
1681			437945.39	1245919.61
	337° 20' 41"	1 019.0		
1682			438885.81	1245527.09
	335° 42' 3"	191.6		
1683			439060.43	1245448.25
	299° 27' 54"	14		
1684			439067.3	1245436.09
	247° 55' 11"	82.5		
1685			439036.3	1245359.67
	247° 55' 21"	27.4		
1686			439026.01	1245334.3
	355° 15' 42"	15		
1687			439040.97	1245333.06
	355° 15' 59"	120.3		
1688			439160.89	1245323.13
	355° 15' 17"	23.1		
1689			439183.9	1245321.22
	299° 44' 47"	179.9		
1690			439273.18	1245164.99
	269° 9' 23"	1 269.1		
1691			439254.5	1243896.04
	269° 9' 21"	16.3		
1692			439254.26	1243879.75
	269° 9' 24"	300.3		
1693			439249.84	1243579.47
	269° 9' 32"	74.3		
1694			439248.75	1243505.21
	269° 9' 17"	19.7		
1695			439248.46	1243485.55
	269° 9' 26"	365.8		
1696			439243.08	1243119.75
	227° 59' 20"	347.3		
1697			439010.66	1242861.72
	227° 58' 55"	8.3		
1698			439005.11	1242855.56
	226° 38' 11"	0.2		
1699			439004.94	1242855.38
	357° 6' 26"	94.9		
1700			439099.74	1242850.59
	264° 8' 45"	14.3		
1701			439098.28	1242836.35
	264° 32' 32"	50.3		
1702			439093.5	1242786.32
	264° 38' 42"	354.2		
1703			439060.44	1242433.62
	263° 33' 36"	601.6		
1704			438992.96	1241835.77
	263° 33' 18"	104		
1705			438981.29	1241732.46
	196° 55' 1"	2.3		

1706			438979.12	1241731.8
	196° 55' 39"	11.8		
1707			438967.85	1241728.37
	196° 58' 48"	8.6		
1708			438959.63	1241725.86
	143° 30' 7"	509.5		
1709			438550.05	1242028.91
	142° 8' 42"	710.9		
1710			437988.71	1242465.19
	142° 13' 21"	708.5		
1711			437428.68	1242899.24
	142° 33' 38"	363		
1712			437140.48	1243119.9
	142° 4' 44"	452.8		
1713			436783.27	1243398.19
	238° 47' 20"	41.4		
1714			436761.84	1243362.82
	245° 55' 48"	232.6		
1715			436666.99	1243150.48
	245° 19' 7"	233.7		
1716			436569.4	1242938.12
	245° 19' 13"	371.1		
1717			436414.45	1242600.92
	245° 16' 12"	281.1		
1718			436296.85	1242345.59
	245° 21' 24"	326.9		
1719			436160.56	1242048.5
	245° 8' 34"	220.3		
1720			436067.97	1241848.64
	162° 45' 39"	30.3		
1721			436039.03	1241857.62
	161° 9' 9"	52.3		
1722			435989.55	1241874.51
	162° 24' 38"	24.9		
1723			435965.86	1241882.02
	164° 30' 5"	204.1		
1724			435769.14	1241936.57
	166° 42' 10"	13.9		
1725			435755.6	1241939.77
	254° 49' 22"	58		
1726			435740.42	1241883.81
	255° 36' 56"	30.4		
1727			435732.88	1241854.41
	256° 37' 10"	101.9		
1728			435709.29	1241755.24
	257° 59' 44"	16.8		
1729			435705.79	1241738.78
	171° 13' 44"	334		
1730			435375.7	1241789.71
	170° 49' 55"	158.4		
1731			435219.31	1241814.95
	170° 39' 8"	176.4		
1732			435045.26	1241843.6
	170° 44' 35"	3.7		
1733			435041.64	1241844.19
	172° 42' 47"	40		
1734			435001.99	1241849.26
	170° 48' 25"	144.8		
1735			434859.07	1241872.39
	170° 48' 20"	26.7		

1736			434832.69	1241876.66
	172° 30' 0"	269.9		
1737			434565.09	1241911.89
	172° 33' 44"	314.3		
1738			434253.47	1241952.57
	170° 38' 52"	285.3		
1739			433971.97	1241998.93
	169° 35' 25"	266.5		
1740			433709.87	1242047.08
	168° 16' 27"	201.1		
1741			433513.01	1242087.94
	175° 15' 39"	215.1		
1742			433298.66	1242105.71
	182° 47' 16"	321.5		
1743			432977.5	1242090.07
	183° 23' 59"	234.2		
1744			432743.7	1242076.18
	179° 31' 31"	293.4		
1745			432450.27	1242078.61
	180° 34' 12"	177.9		
1746			432272.39	1242076.84
	180° 12' 17"	427.7		
1747			431844.68	1242075.31
	174° 57' 12"	343.7		
1748			431502.36	1242105.54
	172° 36' 20"	303.1		
1749			431201.77	1242144.55
	171° 46' 1"	164.9		
1750			431038.59	1242168.16
	168° 44' 22"	769.7		
1751			430283.69	1242318.46
	252° 47' 38"	202.3		
1752			430223.85	1242125.22
	247° 40' 56"	280.8		
1753			430117.2	1241865.41
	248° 15' 43"	351.4		
1754			429987.04	1241538.96
	275° 27' 22"	132.1		
1755			429999.6	1241407.47
	282° 49' 22"	38		
1756			430008.04	1241370.39
	280° 54' 58"	40		
1757			430015.61	1241331.14
	216° 52' 36"	182.4		
1758			429869.7	1241221.68
	194° 19' 42"	27.1		
1759			429843.43	1241214.97
	231° 5' 9"	32		
1760			429823.32	1241190.06
	254° 8' 2"	42.5		
1761			429811.69	1241149.14
	260° 31' 36"	43.6		
1762			429804.51	1241106.11
	257° 34' 47"	67.4		
1763			429790.01	1241040.27
	239° 36' 19"	60.9		
1764			429759.18	1240987.71
	243° 42' 23"	77.4		
1765			429724.91	1240918.35
	262° 50' 14"	43.4		

1766			429719.5	1240875.3
	236° 54' 31"	110.1		
1767			429659.37	1240783.03
	245° 30' 52"	63.1		
1768			429633.22	1240725.61
	238° 9' 24"	94.3		
1769			429583.46	1240645.49
	201° 24' 34"	51.3		
1770			429535.69	1240626.76
	253° 42' 3"	108.2		
1771			429505.33	1240522.93
	272° 23' 10"	58.8		
1772			429507.78	1240464.14
	297° 5' 5"	59.2		
1773			429534.72	1240411.46
	300° 40' 8"	111.4		
1774			429591.52	1240315.68
	292° 52' 51"	82.9		
1775			429623.75	1240239.31
	281° 59' 4"	108.3		
1776			429646.23	1240133.41
	259° 26' 36"	242.2		
1777			429601.85	1239895.27
	282° 18' 4"	101.8		
1778			429623.54	1239795.8
	289° 5' 6"	49.9		
1779			429639.85	1239748.66
	280° 51' 14"	215		
1780			429680.33	1239537.54
	291° 50' 50"	32.4		
1781			429692.39	1239507.46
	224° 31' 22"	65.4		
1782			429645.77	1239461.61
	146° 3' 57"	44.3		
1783			429609	1239486.35
	168° 8' 39"	120.9		
1784			429490.72	1239511.18
	162° 29' 34"	76.6		
1785			429417.71	1239534.21
	182° 18' 20"	54.4		
1786			429363.32	1239532.02
	145° 56' 34"	49.8		
1787			429322.06	1239559.91
	138° 26' 1"	59.5		
1788			429277.54	1239599.39
	129° 33' 3"	116.1		
1789			429203.62	1239688.9
	152° 57' 25"	38.6		
1790			429169.24	1239706.45
	195° 20' 26"	38.8		
1791			429131.84	1239696.19
	208° 46' 6"	68.3		
1792			429071.99	1239663.33
	186° 29' 8"	137.8		
1793			428935.12	1239647.77
	201° 33' 30"	62.2		
1794			428877.26	1239624.91
	184° 56' 41"	109.3		
1795			428768.38	1239615.49
	179° 40' 4"	82.8		

1796			428685.59	1239615.97
	220° 11' 1"	55.5		
1797			428643.19	1239580.16
	142° 31' 32"	90.1		
1798			428571.72	1239634.95
	142° 59' 56"	63.8		
1799			428520.79	1239673.33
	151° 25' 30"	124.7		
1800			428411.27	1239732.98
	138° 1' 25"	84.7		
1801			428348.29	1239789.64
	119° 21' 59"	59.6		
1802			428319.08	1239841.55
	169° 28' 5"	65.3		
1803			428254.91	1239853.48
	157° 33' 11"	89.7		
1804			428172.03	1239887.72
	149° 44' 39"	56.2		
1805			428123.48	1239916.04
	163° 21' 55"	23.8		
1806			428100.72	1239922.84
	71° 25' 11"	124.9		
1807			428140.51	1240041.21
	75° 7' 50"	103.8		
1808			428167.14	1240141.51
	73° 23' 41"	26.2		
1809			428174.64	1240166.66
	71° 42' 22"	12.8		
1810			428178.67	1240178.85
	72° 7' 19"	26.7		
1811			428186.86	1240204.24
	72° 55' 23"	34.3		
1812			428196.93	1240237.02
	69° 17' 5"	12.6		
1813			428201.4	1240248.84
	73° 17' 0"	28.5		
1814			428209.59	1240276.11
	72° 14' 23"	26.8		
1815			428217.78	1240301.68
	73° 32' 6"	7.7		
1816			428219.97	1240309.09
	72° 30' 15"	30.9		
1817			428229.25	1240338.53
	73° 14' 4"	32.3		
1818			428238.58	1240369.5
	76° 19' 50"	7.6		
1819			428240.37	1240376.86
	73° 42' 17"	29.5		
1820			428248.64	1240405.15
	73° 34' 22"	28.4		
1821			428256.68	1240432.42
	72° 5' 35"	11.3		
1822			428260.16	1240443.19
	76° 22' 0"	27.6		
1823			428266.66	1240469.99
	81° 26' 51"	21.1		
1824			428269.8	1240490.87
	90° 39' 26"	6.1		
1825			428269.73	1240496.97
	115° 4' 14"	5.1		

1826			428267.55	1240501.63
	105° 18' 4"	46.9		
1827			428255.17	1240546.88
	149° 37' 4"	107.6		
1828			428162.33	1240601.31
	147° 59' 25"	42.7		
1829			428126.16	1240623.92
	148° 36' 15"	42.5		
1830			428089.85	1240646.08
	102° 30' 59"	40.8		
1831			428081.01	1240685.9
	102° 31' 53"	114.8		
1832			428056.1	1240797.97
	102° 13' 52"	210.6		
1833			428011.48	1241003.8
	100° 31' 29"	188.4		
1834			427977.07	1241189.01
	102° 15' 6"	171.7		
1835			427940.64	1241356.77
	99° 9' 36"	227.9		
1836			427904.36	1241581.76
	156° 2' 1"	202.8		
1837			427719.06	1241664.13
	160° 57' 57"	494.8		
1838			427251.31	1241825.5
	161° 38' 25"	252		
1839			427012.15	1241904.87
	168° 0' 17"	81.5		
1840			426932.42	1241921.81
	82° 11' 47"	106.1		
1841			426946.83	1242026.96
	166° 31' 11"	286.2		
1842			426668.54	1242093.67
	165° 57' 32"	230.9		
1843			426444.54	1242149.69
	75° 9' 13"	135.9		
1844			426479.36	1242281.05
	139° 54' 16"	349.2		
1845			426212.24	1242505.95
	219° 40' 49"	423.9		
1846			425885.99	1242235.28
	225° 27' 56"	362.8		
1847			425631.53	1241976.65
	228° 1' 4"	40.4		
1848			425604.49	1241946.6
	225° 53' 5"	589.3		
1849			425194.26	1241523.5
	225° 27' 58"	164.2		
1850			425079.08	1241406.43
	220° 18' 8"	10.2		
1851			425071.31	1241399.84
	224° 31' 46"	134.3		
1852			424975.55	1241305.64
	228° 10' 38"	115.2		
1853			424898.73	1241219.79
	228° 8' 42"	294.6		
1854			424702.15	1241000.35
	230° 19' 49"	143.6		
1855			424610.51	1240889.85
	163° 58' 9"	72.9		

1856			424540.45	1240909.98
	188° 15' 56"	190.7		
1857			424351.7	1240882.56
	185° 48' 50"	110.4		
1858			424241.9	1240871.38
	155° 10' 42"	30.3		
1859			424214.42	1240884.09
	202° 18' 30"	34.8		
1860			424182.2	1240870.87
	179° 32' 23"	99.6		
1861			424082.6	1240871.67
	209° 32' 13"	52.7		
1862			424036.75	1240845.69
	209° 32' 28"	52.7		
1863			423990.89	1240819.7
	230° 53' 46"	42.7		
1864			423963.93	1240786.53
	230° 54' 24"	51.8		
1865			423931.26	1240746.32
	240° 38' 34"	115.9		
1866			423874.46	1240645.34
	225° 56' 45"	37.7		
1867			423848.25	1240618.25
	199° 17' 29"	37		
1868			423813.31	1240606.02
	185° 51' 13"	102.8		
1869			423711.09	1240595.54
	214° 41' 47"	27.6		
1870			423688.37	1240579.81
	226° 29' 36"	23.6		
1871			423672.12	1240562.69
	202° 27' 30"	59		
1872			423617.64	1240540.17
	257° 55' 22"	79.4		
1873			423601.03	1240462.54
	179° 21' 27"	13.4		
1874			423587.65	1240462.69
	195° 16' 50"	54.8		
1875			423534.76	1240448.24
	179° 39' 53"	15.4		
1876			423519.38	1240448.33
	179° 40' 39"	96		
1877			423423.37	1240448.87
	178° 14' 44"	54.9		
1878			423368.52	1240450.55
	177° 3' 33"	83.6		
1879			423285.01	1240454.84
	177° 32' 36"	252		
1880			423033.26	1240465.64
	177° 21' 1"	261.7		
1881			422771.8	1240477.74
	176° 43' 33"	118		
1882			422653.98	1240484.48
	152° 37' 16"	9.8		
1883			422645.31	1240488.97
	171° 57' 20"	60.5		
1884			422585.38	1240497.44
	154° 35' 28"	41		
1885			422548.35	1240515.03
	172° 9' 12"	60.3		

1886			422488.63	1240523.26
	180° 2' 22"	43.5		
1887			422445.18	1240523.23
	190° 2' 4"	136.8		
1888			422310.51	1240499.4
	177° 14' 16"	82.4		
1889			422228.22	1240503.37
	177° 36' 16"	132.3		
1890			422096.02	1240508.9
	177° 16' 22"	218.6		
1891			421877.69	1240519.3
	177° 33' 35"	61.5		
1892			421816.21	1240521.92
	177° 37' 8"	136		
1893			421680.33	1240527.57
	177° 27' 52"	100.8		
1894			421579.61	1240532.03
	177° 29' 8"	87.5		
1895			421492.16	1240535.87
	177° 16' 10"	77.7		
1896			421414.58	1240539.57
	177° 17' 54"	107.1		
1897			421307.56	1240544.62
	177° 27' 58"	66.5		
1898			421241.12	1240547.56
	161° 58' 21"	42.2		
1899			421200.96	1240560.63
	175° 39' 32"	15.2		
1900			421185.81	1240561.78
	175° 38' 2"	21.5		
1901			421164.33	1240563.42
	148° 44' 13"	41.7		
1902			421128.67	1240585.07
	177° 29' 2"	316.9		
1903			420812.09	1240598.98
	191° 56' 10"	113.4		
1904			420701.16	1240575.53
	178° 21' 40"	107.7		
1905			420593.5	1240578.61
	176° 56' 26"	123.1		
1906			420470.57	1240585.18
	177° 3' 30"	95.7		
1907			420375.02	1240590.09
	177° 9' 21"	93.9		
1908			420281.22	1240594.75
	176° 56' 23"	70.6		
1909			420210.7	1240598.52
	177° 34' 9"	89.1		
1910			420121.65	1240602.3
	177° 3' 50"	116		
1911			420005.83	1240608.24
	177° 14' 41"	227.6		
1912			419778.49	1240619.18
	177° 5' 42"	119.4		
1913			419659.26	1240625.23
	177° 33' 23"	96.6		
1914			419562.71	1240629.35
	177° 36' 17"	2.6		
1915			419560.08	1240629.46
	177° 33' 25"	129.5		

1916			419430.7	1240634.98
	176° 42' 8"	52.3		
1917			419378.46	1240637.99
	89° 39' 4"	396		
1918			419380.87	1241033.94
	183° 16' 57"	249.7		
1919			419131.55	1241019.64
	87° 54' 16"	29.8		
1920			419132.64	1241049.43
	88° 2' 21"	65.8		
1921			419134.89	1241115.15
	88° 2' 15"	23.4		
1922			419135.69	1241138.5
	89° 34' 1"	50.3		
1923			419136.07	1241188.79
	89° 34' 33"	51.4		
1924			419136.45	1241240.14
	87° 48' 31"	43.2		
1925			419138.1	1241283.26
	87° 47' 59"	46.4		
1926			419139.88	1241329.59
	88° 17' 19"	16.4		
1927			419140.37	1241345.99
	88° 18' 19"	60.5		
1928			419142.16	1241406.49
	87° 12' 16"	78.1		
1929			419145.97	1241484.52
	90° 0' 0"	58.6		
1930			419145.97	1241543.14
	90° 14' 3"	92.9		
1931			419145.59	1241636.03
	91° 5' 36"	23.1		
1932			419145.15	1241659.08
	91° 5' 33"	96.5		
1933			419143.31	1241755.55
	91° 5' 23"	51		
1934			419142.34	1241806.54
	91° 5' 48"	51.7		
1935			419141.35	1241858.25
	92° 14' 31"	100.7		
1936			419137.41	1241958.89
	92° 14' 34"	73.1		
1937			419134.55	1242031.91
	91° 10' 49"	147.1		
1938			419131.52	1242178.95
	50° 55' 21"	21.9		
1939			419145.3	1242195.92
	185° 24' 38"	435.2		
1940			418712	1242154.88
	185° 17' 18"	516.4		
1941			418197.77	1242107.28
	183° 54' 14"	132.6		
1942			418065.45	1242098.25
	93° 51' 47"	752.2		
1943			418014.77	1242848.73
	190° 52' 13"	491.1		
1944			417532.51	1242756.12
	195° 7' 48"	210.9		
1945			417328.95	1242701.08
	198° 40' 51"	128.2		

1946			417207.51	1242660.02
	201° 24' 49"	197.3		
1947			417023.79	1242587.97
	103° 54' 40"	20		
1948			417018.98	1242607.39
	119° 52' 10"	41		
1949			416998.54	1242642.98
	100° 38' 51"	916		
1950			416829.3	1243543.17
	102° 48' 47"	468.4		
1951			416725.42	1243999.91
	99° 9' 22"	626.2		
1952			416625.77	1244618.16
	99° 19' 22"	668.4		
1953			416517.49	1245277.73
	101° 37' 47"	720.3		
1954			416372.28	1245983.27
	85° 49' 28"	44.1		
1955			416375.49	1246027.24
	98° 52' 34"	106.9		
1956			416359	1246132.83
	100° 42' 47"	93.6		
1957			416341.6	1246224.8
	98° 37' 30"	265.9		
1958			416301.72	1246487.71
	92° 38' 21"	155.3		
1959			416294.57	1246642.82
	98° 56' 33"	102.2		
1960			416278.68	1246743.8
	107° 33' 11"	144.3		
1961			416235.17	1246881.35
	111° 37' 38"	89.9		
1962			416202.04	1246964.91
	99° 30' 26"	29.4		
1963			416197.19	1246993.87
	60° 38' 2"	19.1		
1964			416206.57	1247010.54
	23° 0' 36"	22.4		
1965			416227.15	1247019.28
	11° 11' 0"	28.4		
1966			416255.02	1247024.79
	41° 20' 40"	20.7		
1967			416270.59	1247038.49
	78° 33' 25"	33.8		
1968			416277.29	1247071.59
	88° 24' 59"	43.8		
1969			416278.5	1247115.36
	138° 35' 31"	11.2		
1970			416270.12	1247122.75
	91° 23' 48"	34.5		
1971			416269.28	1247157.2
	181° 43' 40"	46.4		
1972			416222.87	1247155.8
	102° 55' 52"	29.8		
1973			416216.2	1247184.85
	99° 50' 6"	45.7		
1974			416208.39	1247229.9
	99° 36' 40"	41.7		
1975			416201.42	1247271.06
	2° 14' 21"	78.8		

1976			416280.19	1247274.14
	91° 2' 8"	43.1		
1977			416279.41	1247317.28
	90° 57' 17"	15		
1978			416279.16	1247332.28
	180° 55' 10"	86		
1979			416193.18	1247330.9
	90° 55' 34"	60		
1980			416192.21	1247390.89
	346° 40' 1"	94.2		
1981			416283.9	1247369.16
	99° 58' 26"	143.4		
1982			416259.06	1247510.41
	95° 42' 19"	87		
1983			416250.41	1247596.99
	88° 19' 36"	18.8		
1984			416250.96	1247615.82
	93° 46' 1"	45.4		
1985			416247.98	1247661.08
	163° 28' 57"	153.8		
1986			416100.48	1247704.82
	163° 52' 30"	230.2		
1987			415879.35	1247768.75
	163° 54' 0"	376		
1988			415518.13	1247873.01
	165° 12' 25"	90.9		
1989			415430.24	1247896.22
	163° 56' 17"	81		
1990			415352.37	1247918.64
	164° 5' 0"	98.2		
1991			415257.9	1247945.58
	164° 31' 52"	45.4		
1992			415214.14	1247957.69
	163° 21' 47"	77.2		
1993			415140.18	1247979.79
	160° 55' 49"	102.5		
1994			415043.3	1248013.28
	155° 20' 36"	81.6		
1995			414969.1	1248047.34
	152° 0' 11"	30.8		
1996			414941.92	1248061.79
	143° 36' 39"	36.7		
1997			414912.38	1248083.56
	133° 10' 8"	37.8		
1998			414886.49	1248111.16
	134° 1' 14"	62.1		
1999			414843.36	1248155.79
	127° 46' 19"	27.8		
2000			414826.32	1248177.78
	118° 30' 36"	51.5		
2001			414801.73	1248223.05
	116° 48' 29"	72.7		
2002			414768.94	1248287.94
	111° 21' 12"	44.4		
2003			414752.77	1248329.3
	104° 54' 55"	27.7		
2004			414745.65	1248356.03
	91° 19' 4"	27.8		
2005			414745.01	1248383.85
	87° 5' 58"	21.1		

2006			414746.08	1248404.97
	74° 17' 57"	12.9		
2007			414749.56	1248417.35
	74° 2' 16"	23.5		
2008			414756.01	1248439.9
	71° 3' 2"	23.3		
2009			414763.56	1248461.89
	63° 40' 31"	22.4		
2010			414773.48	1248481.94
	61° 27' 7"	53.3		
2011			414798.93	1248528.72
	61° 32' 57"	150.3		
2012			414870.54	1248660.88
	61° 27' 50"	87.1		
2013			414912.16	1248737.42
	61° 19' 11"	123.6		
2014			414971.48	1248845.86
	59° 5' 43"	106.4		
2015			415026.12	1248937.14
	60° 0' 25"	103.7		
2016			415077.98	1249026.99
	61° 19' 29"	99		
2017			415125.48	1249113.84
	62° 15' 52"	118.5		
2018			415180.61	1249218.69
	60° 33' 40"	131.6		
2019			415245.28	1249333.28
	60° 1' 45"	62.9		
2020			415276.72	1249387.8
	60° 35' 29"	47.3		
2021			415299.96	1249429.03
	60° 13' 12"	69.1		
2022			415334.26	1249488.97
	61° 1' 39"	78.4		
2023			415372.22	1249557.53
	62° 15' 33"	47.7		
2024			415394.44	1249599.78
	60° 13' 43"	86.4		
2025			415437.36	1249674.81
	61° 18' 13"	89		
2026			415480.09	1249752.87
	60° 40' 3"	209.6		
2027			415582.78	1249935.62
	152° 41' 55"	28.2		
2028			415557.73	1249948.55
	238° 4' 21"	16.3		
2029			415549.1	1249934.7
	241° 16' 53"	760.2		
2030			415183.83	1249268.03
	136° 29' 41"	73.5		
2031			415130.55	1249318.6
	144° 57' 57"	261.5		
2032			414916.47	1249468.69
	176° 43' 16"	83.2		
2033			414833.38	1249473.45
	218° 46' 32"	83.5		
2034			414768.3	1249421.17
	182° 20' 18"	90.7		
2035			414677.7	1249417.47
	90° 0' 0"	28		

2036			414677.7	1249389.45
	327° 11' 43"	49.7		
2037			414719.48	1249362.52
	309° 27' 44"	56		
2038			414755.06	1249319.3
	328° 29' 31"	110.9		
2039			414849.58	1249261.36
	304° 24' 4"	26.1		
2040			414864.35	1249239.79
	269° 40' 23"	35.1		
2041			414864.15	1249204.74
	20° 27' 59"	50.9		
2042			414911.87	1249222.55
	312° 15' 34"	35.6		
2043			414935.84	1249196.17
	292° 59' 25"	92.5		
2044			414971.98	1249110.99
	269° 7' 44"	59.9		
2045			414971.07	1249051.14
	322° 17' 44"	79		
2046			415033.54	1249002.85
	239° 22' 33"	53.5		
2047			415006.28	1248956.8
	148° 27' 34"	113.1		
2048			414909.86	1249015.98
	137° 20' 19"	92.2		
2049			414842.07	1249078.45
	142° 51' 32"	181.3		
2050			414697.54	1249187.92
	275° 17' 42"	2.1		
2051			414697.73	1249185.87
	216° 45' 47"	81.6		
2052			414632.33	1249137.01
	159° 34' 26"	22.7		
2053			414611.09	1249144.92
	227° 4' 36"	145.4		
2054			414512.1	1249038.48
	228° 16' 1"	208.4		
2055			414373.35	1248882.93
	232° 23' 58"	164.5		
2056			414272.95	1248752.56
	232° 5' 55"	101.8		
2057			414210.42	1248672.24
	236° 29' 44"	83.9		
2058			414164.12	1248602.3
	248° 25' 53"	68.5		
2059			414138.94	1248538.6
	233° 12' 32"	74		
2060			414094.6	1248479.31
	140° 26' 46"	159.6		
2061			413971.56	1248580.93
	141° 9' 31"	188		
2062			413825.1	1248698.86
	141° 9' 47"	188		
2063			413678.63	1248816.78
	141° 25' 3"	378.9		
2064			413382.46	1249053.06
	84° 46' 5"	114.8		
2065			413392.93	1249167.4
	97° 43' 43"	1.4		

2066			413392.74	1249168.8
	88° 44' 22"	89.1		
2067			413394.7	1249257.88
	78° 55' 36"	287.5		
2068			413449.92	1249540.04
	179° 14' 18"	51.2		
2069			413398.76	1249540.72
	90° 17' 24"	25.7		
2070			413398.63	1249566.38
	358° 53' 6"	151.1		
2071			413549.69	1249563.44
	359° 15' 14"	195.9		
2072			413745.55	1249560.89
	358° 20' 45"	214.8		
2073			413960.26	1249554.69
	3° 46' 0"	158.6		
2074			414118.53	1249565.11
	359° 38' 44"	187.6		
2075			414306.11	1249563.95
	11° 32' 59"	3.7		
2076			414309.78	1249564.7
	0° 29' 9"	64.8		
2077			414374.62	1249565.25
	337° 44' 22"	70		
2078			414439.41	1249538.73
	104° 17' 2"	51		
2079			414426.82	1249588.18
	58° 12' 2"	74.2		
2080			414465.93	1249651.26
	146° 59' 20"	1.9		
2081			414464.36	1249652.28
	143° 45' 23"	27.1		
2082			414442.52	1249668.29
	90° 51' 2"	22.9		
2083			414442.18	1249691.19
	21° 39' 50"	24		
2084			414464.51	1249700.06
	97° 7' 30"	16.1		
2085			414462.51	1249716.06
	5° 56' 11"	18.2		
2086			414480.59	1249717.94
	88° 21' 52"	68.7		
2087			414482.55	1249786.59
	181° 50' 5"	27.8		
2088			414454.77	1249785.7
	176° 26' 10"	78.7		
2089			414376.25	1249790.59
	54° 57' 22"	19		
2090			414387.17	1249806.16
	65° 18' 49"	125.2		
2091			414439.47	1249919.94
	43° 59' 52"	46.9		
2092			414473.21	1249952.52
	86° 12' 19"	7.9		
2093			414473.73	1249960.36
	50° 34' 30"	48.8		
2094			414504.7	1249998.03
	45° 19' 48"	44.2		
2095			414535.77	1250029.46
	20° 42' 34"	37.1		

2096			414570.5	1250042.59
	30° 48' 45"	61.2		
2097			414623.03	1250073.92
	54° 16' 58"	16.7		
2098			414632.78	1250087.48
	121° 7' 0"	3.2		
2099			414631.12	1250090.23
	144° 56' 45"	6.1		
2100			414626.16	1250093.71
	58° 53' 10"	36.7		
2101			414645.1	1250125.09
	344° 51' 52"	22.3		
2102			414666.58	1250119.28
	114° 27' 45"	50.6		
2103			414645.63	1250165.33
	172° 1' 38"	29.8		
2104			414616.07	1250169.47
	200° 50' 48"	20.3		
2105			414597.11	1250162.25
	78° 31' 28"	39.4		
2106			414604.94	1250200.82
	99° 40' 4"	36.2		
2107			414598.86	1250236.51
	51° 9' 30"	25.1		
2108			414614.61	1250256.07
	14° 40' 4"	3.1		
2109			414617.59	1250256.85
	314° 15' 35"	13.1		
2110			414626.76	1250247.44
	50° 47' 49"	16.8		
2111			414637.38	1250260.46
	54° 16' 33"	2.5		
2112			414638.84	1250262.49
	15° 0' 23"	3.4		
2113			414642.16	1250263.38
	105° 28' 10"	2.8		
2114			414641.41	1250266.09
	54° 30' 56"	11.2		
2115			414647.94	1250275.25
	51° 12' 26"	33		
2116			414668.63	1250300.99
	338° 13' 13"	14.6		
2117			414682.17	1250295.58
	60° 21' 28"	24.9		
2118			414694.49	1250317.23
	354° 22' 46"	24		
2119			414718.37	1250314.88
	3° 16' 12"	33.8		
2120			414752.15	1250316.81
	16° 25' 57"	36		
2121			414786.7	1250327
	26° 22' 24"	34.8		
2122			414817.86	1250342.45
	21° 49' 10"	23.5		
2123			414839.64	1250351.17
	37° 39' 54"	14.1		
2124			414850.82	1250359.8
	31° 50' 23"	18.7		
2125			414866.73	1250369.68
	36° 37' 47"	13.8		

2126			414877.84	1250377.94
	52° 14' 7"	27.3		
2127			414894.55	1250399.51
	59° 18' 3"	21.5		
2128			414905.54	1250418.02
	59° 34' 9"	19.2		
2129			414915.25	1250434.55
	65° 13' 56"	21.1		
2130			414924.09	1250453.71
	79° 30' 37"	21.9		
2131			414928.08	1250475.26
	71° 49' 32"	18.1		
2132			414933.72	1250492.44
	49° 33' 21"	21.7		
2133			414947.81	1250508.97
	61° 56' 53"	14.7		
2134			414954.7	1250521.9
	103° 38' 57"	7.5		
2135			414952.92	1250529.23
	142° 42' 15"	7.8		
2136			414946.71	1250533.96
	138° 26' 6"	11.8		
2137			414937.88	1250541.79
	95° 5' 25"	7		
2138			414937.26	1250548.75
	52° 26' 22"	16.9		
2139			414947.58	1250562.17
	42° 51' 55"	19.9		
2140			414962.19	1250575.73
	55° 57' 27"	17.6		
2141			414972.04	1250590.31
	86° 14' 32"	17.5		
2142			414973.19	1250607.82
	96° 2' 8"	14.6		
2143			414971.66	1250622.29
	141° 38' 30"	16.3		
2144			414958.86	1250632.42
	157° 57' 43"	31.5		
2145			414929.66	1250644.24
	185° 59' 14"	52.7		
2146			414877.22	1250638.74
	183° 10' 14"	63.3		
2147			414814.04	1250635.24
	152° 41' 52"	26.8		
2148			414790.25	1250647.52
	157° 41' 22"	29.1		
2149			414763.37	1250658.55
	156° 30' 0"	34		
2150			414732.23	1250672.09
	171° 18' 38"	23.8		
2151			414708.74	1250675.68
	174° 58' 53"	38.6		
2152			414670.25	1250679.06
	179° 28' 53"	22.1		
2153			414648.15	1250679.26
	171° 25' 49"	62.1		
2154			414586.7	1250688.52
	125° 17' 28"	25.4		
2155			414572.02	1250709.26
	97° 52' 13"	30.9		

2156			414567.79	1250739.86
	95° 50' 28"	33.6		
2157			414564.37	1250773.29
	80° 50' 16"	51.8		
2158			414572.61	1250824.38
	103° 20' 17"	77.6		
2159			414554.7	1250899.92
	132° 9' 33"	125.4		
2160			414470.52	1250992.89
	142° 53' 15"	90.2		
2161			414398.57	1251047.33
	141° 16' 57"	128.8		
2162			414298.04	1251127.92
	130° 26' 24"	98.3		
2163			414234.29	1251202.72
	133° 30' 17"	53.7		
2164			414197.35	1251241.64
	156° 18' 15"	83.1		
2165			414121.27	1251275.03
	166° 2' 49"	48.4		
2166			414074.34	1251286.69
	183° 14' 20"	41.4		
2167			414032.99	1251284.35
	206° 18' 44"	25.4		
2168			414010.26	1251273.11
	211° 23' 6"	18.9		
2169			413994.13	1251263.27
	225° 0' 0"	10.7		
2170			413986.57	1251255.71
	225° 40' 38"	23.9		
2171			413969.85	1251238.59
	225° 14' 21"	30.5		
2172			413948.38	1251216.94
	296° 28' 22"	2.8		
2173			413949.62	1251214.45
	236° 19' 39"	9		
2174			413944.65	1251206.99
	230° 5' 4"	25.4		
2175			413928.37	1251187.53
	229° 40' 49"	19		
2176			413916.09	1251173.06
	248° 45' 4"	35.4		
2177			413903.25	1251140.04
	263° 3' 12"	27.9		
2178			413899.88	1251112.38
	299° 2' 47"	48.8		
2179			413923.55	1251069.76
	252° 52' 8"	23.8		
2180			413916.55	1251047.05
	227° 7' 52"	26.4		
2181			413898.57	1251027.68
	225° 13' 17"	27.4		
2182			413879.24	1251008.2
	183° 53' 1"	32.3		
2183			413846.98	1251006.01
	159° 56' 49"	44.1		
2184			413805.53	1251021.14
	140° 57' 25"	36		
2185			413777.59	1251043.8
	128° 58' 11"	20.2		

2186			413764.89	1251059.5
	162° 37' 21"	27.8		
2187			413738.4	1251067.79
	90° 0' 0"	20.7		
2188			413717.66	1251067.79
	190° 15' 59"	44		
2189			413674.32	1251059.94
	207° 23' 29"	43.1		
2190			413636.05	1251040.11
	95° 13' 31"	83.6		
2191			413628.44	1251123.32
	90° 0' 0"	30		
2192			413628.44	1251153.32
	90° 0' 0"	30		
2193			413628.44	1251183.31
	90° 49' 30"	65.3		
2194			413627.5	1251248.58
	90° 50' 1"	65.3		
2195			413626.55	1251313.85
	89° 43' 53"	81.1		
2196			413626.93	1251394.97
	89° 43' 53"	81.1		
2197			413627.31	1251476.08
	89° 49' 15"	118.5		
2198			413627.68	1251594.55
	89° 9' 49"	78.1		
2199			413628.82	1251672.65
	91° 27' 39"	83.1		
2200			413626.7	1251755.77
	90° 53' 3"	167.8		
2201			413624.11	1251923.57
	89° 18' 49"	71.8		
2202			413624.97	1251995.36
	179° 46' 25"	344.5		
2203			413280.48	1251996.72
	179° 57' 8"	204.9		
2204			413075.62	1251996.89
	88° 55' 51"	57.9		
2205			413076.7	1252054.76
	89° 4' 16"	116.6		
2206			413078.59	1252171.34
	89° 15' 7"	547.8		
2207			413085.74	1252719.05
	89° 38' 55"	26.1		
2208			413085.9	1252745.15
	89° 2' 33"	122.7		
2209			413087.95	1252867.82
	89° 16' 11"	88.7		
2210			413089.08	1252956.48
	89° 45' 58"	93.2		
2211			413089.46	1253049.67
	89° 35' 0"	155.4		
2212			413090.59	1253205.11
	88° 18' 56"	73.5		
2213			413092.75	1253278.57
	89° 56' 34"	521.9		
2214			413093.27	1253800.43
	90° 13' 50"	29.8		
2215			413093.15	1253830.25
	4° 34' 48"	41		

2216			413133.97	1253833.52
	1° 3' 17"	154.8		
2217			413288.74	1253836.37
	3° 41' 21"	101.8		
2218			413390.32	1253842.92
	357° 35' 11"	87.1		
2219			413477.39	1253839.25
	358° 12' 21"	153		
2220			413630.31	1253834.46
	357° 26' 6"	8.3		
2221			413638.57	1253834.09
	359° 2' 52"	197.4		
2222			413835.94	1253830.81
	359° 13' 40"	195.9		
2223			414031.83	1253828.17
	357° 51' 58"	143.2		
2224			414174.89	1253822.84
	89° 24' 49"	147.6		
2225			414176.4	1253970.41
	89° 21' 26"	100.7		
2226			414177.53	1254071.15
	89° 21' 26"	100.7		
2227			414178.66	1254171.88
	89° 14' 5"	89.1		
2228			414179.85	1254260.97
	89° 6' 47"	115.7		
2229			414181.64	1254376.61
	89° 6' 46"	505.8		
2230			414189.47	1254882.36
	359° 20' 26"	207.7		
2231			414397.17	1254879.97
	359° 28' 8"	308.6		
2232			414705.8	1254877.11
	269° 11' 42"	100.4		
2233			414704.39	1254776.76
	270° 2' 57"	116.5		
2234			414704.49	1254660.29
	269° 26' 55"	94.6		
2235			414703.58	1254565.69
	268° 59' 42"	140.8		
2236			414701.11	1254424.87
	269° 20' 50"	166		
2237			414699.22	1254258.92
	269° 37' 19"	447.4		
2238			414696.27	1253811.56
	358° 58' 35"	98		
2239			414794.24	1253809.81
	359° 0' 11"	111.5		
2240			414905.75	1253807.87
	358° 17' 39"	87		
2241			414992.72	1253805.28
	359° 9' 33"	38.9		
2242			415031.57	1253804.71
	359° 10' 5"	90.2		
2243			415121.81	1253803.4
	358° 28' 16"	155.6		
2244			415277.32	1253799.25
	90° 0' 0"	23		
2245			415300.34	1253799.25
	357° 33' 42"	103		

2246			415403.21	1253794.87
	358° 3' 27"	50.2		
2247			415453.34	1253793.17
	359° 30' 4"	334.4		
2248			415787.72	1253790.26
	359° 3' 6"	540.2		
2249			416327.89	1253781.32
	90° 3' 29"	39.4		
2250			416327.85	1253820.68
	90° 0' 0"	0.5		
2251			416327.85	1253821.18
	86° 38' 0"	0.2		
2252			416327.86	1253821.35
	90° 0' 0"	4		
2253			416327.86	1253825.33
	90° 3' 32"	184.8		
2254			416327.67	1254010.14
	90° 0' 0"	54.4		
2255			416382.08	1254010.14
	90° 2' 24"	257.2		
2256			416381.9	1254267.29
	90° 5' 26"	391.3		
2257			416381.28	1254658.6
	90° 11' 39"	188.8		
2258			416380.64	1254847.43
	358° 51' 2"	153		
2259			416533.65	1254844.36
	358° 32' 47"	133.7		
2260			416667.26	1254840.97
	358° 25' 4"	177.8		
2261			416845.04	1254836.06
	0° 54' 1"	40.1		
2262			416885.13	1254836.69
	358° 25' 21"	146		
2263			417031.12	1254832.67
	358° 50' 34"	168.4		
2264			417199.47	1254829.27
	90° 0' 0"	169.5		
2265			417368.94	1254829.27
	88° 0' 39"	37.7		
2266			417370.25	1254866.99
	3° 28' 22"	19		
2267			417389.2	1254868.14
	90° 0' 0"	101.3		
2268			417490.52	1254868.14
	359° 38' 31"	120		
2269			417610.55	1254867.39
	0° 15' 44"	281.9		
2270			417892.41	1254868.68
	90° 37' 47"	32.7		
2271			417892.05	1254901.42
	90° 5' 56"	86.7		
2272			417891.9	1254988.15
	89° 44' 9"	93.4		
2273			417892.33	1255081.5
	90° 14' 58"	98.7		
2274			417891.9	1255180.24
	89° 44' 56"	98.2		
2275			417892.33	1255278.4
	90° 4' 10"	82.3		

2276			417892.23	1255360.72
	89° 40' 43"	76.7		
2277			417892.66	1255437.41
	90° 38' 42"	134.1		
2278			417891.15	1255571.51
	89° 34' 49"	23.2		
2279			417891.32	1255594.73
	89° 34' 35"	32.5		
2280			417891.56	1255627.21
	339° 28' 0"	96.3		
2281			417981.75	1255593.43
	359° 2' 2"	64.1		
2282			418045.81	1255592.35
	357° 35' 16"	61.3		
2283			418107.06	1255589.77
	358° 59' 22"	110		
2284			418217.06	1255587.83
	358° 42' 7"	95.4		
2285			418312.4	1255585.67
	358° 49' 39"	84.6		
2286			418396.94	1255583.94
	358° 37' 12"	89.3		
2287			418486.2	1255581.79
	359° 28' 15"	163.5		
2288			418649.73	1255580.28
	359° 21' 34"	96.6		
2289			418746.36	1255579.2
	359° 8' 17"	129		
2290			418875.34	1255577.26
	0° 9' 20"	80.9		
2291			418956.23	1255577.48
	88° 26' 59"	342.7		
2292			418965.5	1255920.01
	180° 19' 14"	2 076.3		
2293			416889.21	1255908.39
	178° 21' 8"	437.9		
2294			416451.49	1255920.98
	180° 29' 45"	335.1		
2295			416116.43	1255918.08
	181° 49' 25"	313.3		
2296			415803.3	1255908.11
	89° 44' 56"	742.2		
2297			415806.55	1256650.35
	214° 36' 21"	105		
2298			415720.16	1256590.74
	230° 20' 50"	272.9		
2299			415546	1256380.61
	204° 28' 14"	671.8		
2300			414934.52	1256102.32
	210° 2' 50"	933.8		
2301			414126.17	1255634.73
	174° 13' 42"	169.3		
2302			413957.68	1255651.76
	211° 37' 6"	624.7		
2303			413425.72	1255324.26
	246° 27' 14"	450.2		
2304			413245.88	1254911.56
	176° 43' 42"	265.5		
2305			412980.85	1254926.71
	196° 3' 10"	273.1		

2306			412718.43	1254851.2
	284° 34' 26"	159.4		
2307			412758.54	1254696.93
	206° 37' 6"	19.2		
2308			412741.36	1254688.32
	205° 33' 15"	31.9		
2309			412712.54	1254674.54
	111° 32' 7"	20.4		
2310			412705.05	1254693.52
	114° 26' 1"	91.9		
2311			412667.05	1254777.16
	109° 3' 11"	10.8		
2312			412663.51	1254787.41
	108° 57' 46"	427.6		
2313			412524.55	1255191.83
	202° 53' 16"	111.4		
2314			412421.89	1255148.49
	162° 43' 3"	169.1		
2315			412260.38	1255198.74
	211° 31' 41"	280		
2316			412021.74	1255052.34
	209° 43' 48"	150.1		
2317			411891.41	1254977.91
	192° 12' 35"	117.3		
2318			411776.8	1254953.11
	232° 11' 57"	21.7		
2319			411763.52	1254935.99
	202° 58' 51"	34.9		
2320			411731.38	1254922.36
	173° 6' 29"	75.9		
2321			411656.01	1254931.47
	225° 28' 53"	23.6		
2322			411639.49	1254914.67
	311° 32' 43"	20.5		
2323			411653.11	1254899.3
	339° 1' 49"	44.9		
2324			411695.04	1254883.23
	306° 51' 19"	15.7		
2325			411704.47	1254870.65
	221° 39' 1"	16.8		
2326			411691.9	1254859.47
	192° 52' 49"	37.6		
2327			411655.21	1254851.08
	202° 57' 48"	44.8		
2328			411613.98	1254833.61
	181° 26' 36"	55.6		
2329			411558.42	1254832.21
	211° 16' 22"	22.9		
2330			411538.86	1254820.33
	192° 23' 3"	22.8		
2331			411516.59	1254815.44
	217° 36' 35"	26.2		
2332			411495.86	1254799.47
	214° 59' 47"	42.6		
2333			411460.98	1254775.05
	215° 4' 39"	32.3		
2334			411434.55	1254756.49
	215° 6' 58"	112.5		
2335			411342.49	1254691.75
	215° 2' 10"	227		

2336			411156.61	1254561.42
	201° 43' 42"	205.7		
2337			410965.48	1254485.25
	187° 22' 10"	212.4		
2338			410754.79	1254458
	219° 42' 27"	337.5		
2339			410495.18	1254242.41
	136° 51' 37"	57.1		
2340			410453.54	1254281.43
	138° 33' 5"	81.5		
2341			410392.45	1254335.38
	138° 0' 36"	80.4		
2342			410332.7	1254389.16
	210° 6' 25"	116.3		
2343			410232.07	1254330.81
	213° 23' 55"	77.4		
2344			410167.43	1254288.19
	209° 32' 17"	57.4		
2345			410117.47	1254259.88
	209° 41' 3"	83.3		
2346			410045.14	1254218.65
	197° 35' 58"	53.1		
2347			409994.48	1254202.58
	174° 20' 47"	39		
2348			409955.69	1254206.42
	155° 16' 30"	48.5		
2349			409911.67	1254226.69
	157° 52' 23"	56.6		
2350			409859.26	1254248
	160° 19' 16"	50.8		
2351			409811.39	1254265.12
	177° 55' 17"	48.3		
2352			409763.17	1254266.87
	188° 7' 54"	46.9		
2353			409716.7	1254260.23
	200° 20' 30"	33.2		
2354			409685.6	1254248.7
	224° 31' 56"	59.8		
2355			409642.98	1254206.77
	236° 14' 37"	93.7		
2356			409590.91	1254128.86
	221° 41' 18"	68.3		
2357			409539.9	1254083.43
	208° 19' 18"	61.1		
2358			409486.09	1254054.43
	199° 26' 57"	99.7		
2359			409392.1	1254021.24
	196° 36' 43"	86.8		
2360			409308.94	1253996.43
	191° 7' 11"	83.3		
2361			409227.18	1253980.36
	193° 10' 51"	56.7		
2362			409171.97	1253967.43
	199° 39' 0"	62.3		
2363			409113.27	1253946.47
	208° 32' 18"	63.6		
2364			409057.37	1253916.07
	215° 46' 1"	50.8		
2365			409016.14	1253886.37
	221° 57' 46"	55.9		

2366			408974.56	1253848.98
	257° 16' 41"	22.2		
2367			408969.67	1253827.32
	342° 8' 46"	33		
2368			409001.12	1253817.19
	290° 14' 30"	45.4		
2369			409016.84	1253774.56
	234° 8' 56"	15.5		
2370			409007.75	1253761.98
	181° 8' 51"	17.5		
2371			408990.28	1253761.63
	173° 20' 31"	27.1		
2372			408963.38	1253764.77
	184° 11' 18"	23.8		
2373			408939.62	1253763.03
	220° 14' 46"	23.8		
2374			408921.45	1253747.65
	220° 26' 55"	87.2		
2375			408855.06	1253691.05
	206° 25' 50"	66.7		
2376			408795.31	1253661.35
	193° 19' 37"	51.5		
2377			408745.16	1253649.47
	271° 58' 32"	69.3		
2378			408747.55	1253580.19
	194° 40' 4"	279.8		
2379			408476.83	1253509.33
	220° 42' 46"	183.7		
2380			408337.59	1253389.51
	270° 40' 30"	148.5		
2381			408339.34	1253241.01
	298° 40' 52"	203.1		
2382			408436.82	1253062.82
	337° 32' 11"	225		
2383			408644.72	1252976.86
	348° 41' 40"	74.8		
2384			408718.1	1252962.19
	356° 57' 50"	59.5		
2385			408777.49	1252959.04
	13° 7' 57"	53.8		
2386			408829.91	1252971.27
	20° 46' 8"	89.7		
2387			408913.76	1253003.07
	9° 41' 3"	58.1		
2388			408971.07	1253012.85
	354° 48' 15"	77.2		
2389			409047.94	1253005.86
	343° 24' 40"	89.3		
2390			409133.54	1252980.36
	335° 4' 16"	208.9		
2391			409323	1252892.3
	340° 46' 26"	13.5		
2392			409335.76	1252887.85
	345° 14' 53"	17.9		
2393			409353.04	1252883.3
	346° 45' 58"	38.4		
2394			409390.46	1252874.5
	352° 17' 2"	11.5		
2395			409401.9	1252872.95
	355° 50' 17"	27.8		

2396			409429.66	1252870.93
	358° 45' 22"	23		
2397			409452.69	1252870.43
	2° 5' 4"	19.8		
2398			409472.47	1252871.15
	4° 29' 52"	7.5		
2399			409479.97	1252871.74
	14° 34' 40"	6.2		
2400			409485.93	1252873.29
	33° 41' 24"	5.6		
2401			409490.58	1252876.39
	57° 17' 23"	5.5		
2402			409493.56	1252881.03
	63° 9' 49"	11.3		
2403			409498.68	1252891.15
	76° 27' 42"	23.2		
2404			409504.1	1252913.66
	66° 49' 30"	3.2		
2405			409505.35	1252916.58
	17° 31' 7"	4.2		
2406			409509.31	1252917.83
	15° 31' 26"	27.3		
2407			409535.59	1252925.13
	16° 26' 43"	38.3		
2408			409572.28	1252935.96
	349° 33' 54"	22.1		
2409			409594	1252931.96
	338° 58' 57"	22.5		
2410			409615.03	1252923.88
	358° 58' 8"	11.7		
2411			409626.7	1252923.67
	0° 51' 40"	14		
2412			409640.67	1252923.88
	12° 59' 12"	5.6		
2413			409646.09	1252925.13
	28° 57' 3"	4.3		
2414			409649.85	1252927.21
	67° 12' 10"	12.9		
2415			409654.86	1252939.13
	79° 13' 3"	56		
2416			409665.34	1252994.16
	66° 40' 43"	55.2		
2417			409687.18	1253044.82
	43° 19' 19"	42		
2418			409717.75	1253073.65
	10° 29' 28"	95.9		
2419			409812.09	1253091.12
	350° 58' 13"	82.3		
2420			409893.33	1253078.21
	343° 59' 50"	26.1		
2421			409918.4	1253071.02
	345° 9' 57"	32.6		
2422			409949.89	1253062.68
	349° 56' 46"	16.7		
2423			409966.36	1253059.76
	343° 48' 56"	47.1		
2424			410011.6	1253046.63
	340° 58' 56"	44.8		
2425			410053.93	1253032.04
	343° 35' 19"	52.4		

2426			410104.18	1253017.24
	345° 33' 55"	27.6		
2427			410130.87	1253010.37
	348° 36' 20"	30.6		
2428			410160.89	1253004.32
	353° 1' 3"	42.9		
2429			410203.43	1252999.11
	0° 34' 16"	42.1		
2430			410245.55	1252999.53
	359° 29' 9"	60.2		
2431			410305.75	1252998.99
	353° 22' 57"	6.2		
2432			410311.87	1252998.28
	349° 32' 26"	146.3		
2433			410455.69	1252971.73
	2° 35' 52"	154.2		
2434			410609.75	1252978.72
	351° 24' 49"	39.8		
2435			410649.09	1252972.78
	286° 13' 13"	236.7		
2436			410715.22	1252745.46
	286° 31' 34"	385.6		
2437			410824.9	1252375.81
	286° 55' 5"	253.7		
2438			410898.74	1252133.05
	217° 0' 17"	114.7		
2439			410807.15	1252064.02
	218° 11' 4"	135.4		
2440			410700.74	1251980.33
	224° 28' 32"	40.2		
2441			410672.07	1251952.18
	217° 49' 42"	283.7		
2442			410448.02	1251778.21
	214° 27' 40"	205		
2443			410278.98	1251662.2
	219° 45' 41"	355.1		
2444			410006.01	1251435.08
	239° 34' 4"	251		
2445			409878.85	1251218.62
	240° 29' 44"	102.8		
2446			409828.21	1251129.13
	242° 27' 7"	53.4		
2447			409803.49	1251081.74
	238° 1' 20"	19.7		
2448			409793.07	1251065.05
	314° 14' 24"	2.7		
2449			409794.93	1251063.14
	313° 20' 22"	2.9		
2450			409796.94	1251061.01
	311° 22' 38"	8.7		
2451			409802.71	1251054.46
	296° 23' 46"	15.2		
2452			409809.46	1251040.86
	233° 22' 13"	192.7		
2453			409694.46	1250886.18
	236° 10' 1"	365.1		
2454			409491.18	1250582.9
	229° 41' 12"	14.9		
2455			409481.55	1250571.55
	326° 22' 5"	90.2		

2456			409556.67	1250521.58
	298° 8' 2"	40		
2457			409575.54	1250486.29
	268° 38' 1"	29.4		
2458			409574.84	1250456.94
	231° 30' 33"	37.1		
2459			409551.78	1250427.94
	216° 46' 31"	44.9		
2460			409515.79	1250401.04
	202° 4' 26"	55.8		
2461			409464.08	1250380.07
	117° 35' 55"	17.4		
2462			409456.04	1250395.45
	233° 42' 25"	21.3		
2463			409443.46	1250378.32
	275° 26' 58"	29.5		
2464			409446.26	1250348.97
	289° 38' 11"	39.8		
2465			409459.64	1250311.47
	240° 28' 16"	109.5		
2466			409405.67	1250216.19
	261° 26' 38"	102.8		
2467			409390.38	1250114.56
	259° 45' 29"	171.4		
2468			409359.91	1249945.92
	186° 7' 30"	191.5		
2469			409169.53	1249925.49
	187° 26' 38"	264.3		
2470			408907.47	1249891.25
	231° 45' 28"	262.5		
2471			408745	1249685.1
	235° 14' 32"	41.7		
2472			408721.24	1249650.86
	138° 29' 19"	121.8		
2473			408630.05	1249731.57
	197° 43' 12"	97.6		
2474			408537.1	1249701.87
	214° 13' 23"	281.4		
2475			408304.4	1249543.59
	309° 28' 38"	202.8		
2476			408433.33	1249387.06
	265° 25' 51"	109.7		
2477			408424.59	1249277.69
	260° 37' 41"	36.5		
2478			408418.65	1249241.7
	255° 12' 38"	154.7		
2479			408379.17	1249092.16
	192° 50' 34"	166.6		
2480			408216.7	1249055.12
	193° 55' 7"	209.2		
2481			408013.69	1249004.81
	205° 37' 43"	67		
2482			407953.24	1248975.81
	200° 7' 34"	146.2		
2483			407815.93	1248925.49
	199° 11' 18"	133.9		
2484			407689.44	1248881.47
	199° 7' 56"	82.1		
2485			407611.87	1248854.56
	201° 37' 47"	128.9		

2486			407492.03	1248807.04
	205° 51' 44"	89.7		
2487			407411.31	1248767.91
	240° 54' 33"	106.4		
2488			407359.6	1248674.97
	97° 27' 59"	64.5		
2489			407351.22	1248738.91
	46° 50' 39"	61.3		
2490			407393.15	1248783.63
	94° 56' 49"	56.8		
2491			407388.25	1248840.24
	174° 32' 35"	157.9		
2492			407231.02	1248855.26
	192° 27' 22"	58.3		
2493			407174.07	1248842.68
	179° 16' 57"	83.9		
2494			407090.21	1248843.73
	202° 49' 31"	119.8		
2495			406979.8	1248797.26
	195° 24' 24"	132.8		
2496			406851.74	1248761.97
	189° 27' 10"	170.2		
2497			406683.87	1248734.02
	258° 49' 48"	28.9		
2498			406678.28	1248705.71
	246° 2' 32"	48.2		
2499			406658.72	1248661.69
	262° 51' 44"	39.4		
2500			406653.82	1248622.56
	269° 30' 19"	40.5		
2501			406653.47	1248582.02
	260° 54' 37"	70.8		
2502			406642.29	1248512.14
	270° 42' 18"	142.2		
2503			406644.04	1248369.93
	241° 11' 19"	71.8		
2504			406609.45	1248307.04
	224° 40' 25"	44.7		
2505			406577.65	1248275.6
	203° 2' 53"	33		
2506			406547.26	1248262.67
	174° 26' 23"	28.8		
2507			406518.6	1248265.46
	142° 25' 48"	28.7		
2508			406495.89	1248282.93
	117° 11' 56"	28.3		
2509			406482.96	1248308.09
	92° 57' 28"	26.9		
2510			406481.57	1248334.99
	80° 3' 4"	46.5		
2511			406489.6	1248380.77
	136° 38' 21"	17.3		
2512			406477.02	1248392.65
	172° 17' 26"	20.8		
2513			406456.41	1248395.44
	205° 19' 22"	122.5		
2514			406345.65	1248343.03
	196° 4' 12"	66.9		
2515			406281.36	1248324.51
	200° 14' 30"	45.4		

2516			406238.73	1248308.79
	233° 33' 9"	38.2		
2517			406216.02	1248278.04
	253° 24' 30"	51.4		
2518			406201.34	1248228.77
	267° 20' 29"	60.2		
2519			406198.55	1248168.68
	277° 16' 55"	60.6		
2520			406206.23	1248108.58
	307° 39' 18"	127.5		
2521			406284.15	1248007.6
	271° 14' 51"	16.1		
2522			406284.5	1247991.53
	229° 18' 10"	46.1		
2523			406254.45	1247956.59
	170° 51' 4"	41.8		
2524			406213.22	1247963.23
	185° 24' 51"	26		
2525			406187.37	1247960.78
	229° 7' 0"	24		
2526			406171.64	1247942.61
	264° 14' 18"	34.8		
2527			406168.15	1247908.02
	309° 59' 32"	28.3		
2528			406186.32	1247886.36
	337° 49' 51"	50.9		
2529			406233.49	1247867.14
	4° 28' 53"	53.6		
2530			406286.95	1247871.33
	15° 28' 52"	47.1		
2531			406332.37	1247883.91
	346° 39' 31"	21.2		
2532			406352.99	1247879.02
	298° 10' 10"	22.2		
2533			406363.47	1247859.45
	31° 5' 41"	51		
2534			406407.11	1247885.77
	35° 34' 38"	52		
2535			406449.44	1247916.05
	46° 55' 52"	121.7		
2536			406532.54	1248004.95
	317° 6' 41"	154.9		
2537			406646.02	1247899.54
	261° 16' 42"	60.1		
2538			406636.9	1247840.09
	353° 21' 19"	88.6		
2539			406724.89	1247829.84
	46° 2' 40"	105.1		
2540			406797.85	1247905.51
	294° 58' 43"	70.1		
2541			406827.46	1247841.95
	347° 49' 45"	94.9		
2542			406920.24	1247821.94
	27° 29' 50"	116.8		
2543			407023.85	1247875.87
	326° 7' 39"	120.4		
2544			407123.78	1247808.79
	256° 37' 10"	155.5		
2545			407087.79	1247657.49
	340° 53' 15"	92.8		

2546			407175.49	1247627.1
	264° 57' 51"	342.3		
2547			407145.44	1247286.08
	288° 25' 50"	84		
2548			407171.99	1247206.41
	278° 50' 41"	262.8		
2549			407212.4	1246946.72
	255° 28' 12"	214		
2550			407158.72	1246739.6
	308° 54' 43"	86.2		
2551			407212.87	1246672.52
	46° 47' 55"	244		
2552			407379.89	1246850.37
	326° 32' 48"	116		
2553			407476.68	1246786.42
	326° 25' 5"	29.4		
2554			407501.14	1246770.18
	16° 24' 30"	20.4		
2555			407520.7	1246775.94
	349° 18' 48"	13.2		
2556			407533.63	1246773.5
	333° 26' 5"	14.8		
2557			407546.91	1246766.86
	309° 19' 41"	37.5		
2558			407570.67	1246737.86
	329° 57' 2"	28.3		
2559			407595.13	1246723.71
	335° 37' 48"	26.3		
2560			407619.06	1246712.87
	319° 31' 24"	20.4		
2561			407634.61	1246699.6
	329° 29' 53"	21.7		
2562			407653.3	1246688.59
	295° 13' 58"	47.1		
2563			407673.39	1246645.96
	297° 45' 0"	56.7		
2564			407699.77	1246595.82
	304° 39' 0"	32.3		
2565			407718.12	1246569.27
	312° 13' 42"	28.1		
2566			407736.99	1246548.48
	313° 8' 30"	26.8		
2567			407755.33	1246528.91
	297° 33' 45"	31.3		
2568			407769.83	1246501.13
	281° 27' 45"	40.5		
2569			407777.87	1246461.48
	292° 17' 51"	25.3		
2570			407787.47	1246438.07
	307° 48' 19"	29.6		
2571			407805.64	1246414.65
	303° 35' 1"	22.4		
2572			407818.05	1246395.96
	325° 8' 44"	35.8		
2573			407847.4	1246375.52
	324° 16' 56"	32.9		
2574			407874.13	1246356.3
	298° 39' 45"	19.3		
2575			407883.39	1246339.36
	267° 35' 15"	12.6		

2576			407882.86	1246326.78
	255° 10' 37"	13.6		
2577			407879.38	1246313.63
	90° 0' 0"	28.2		
2578			407879.38	1246285.39
	317° 5' 48"	6.2		
2579			407883.91	1246281.18
	330° 10' 47"	12.3		
2580			407894.57	1246275.07
	7° 12' 6"	11.1		
2581			407905.57	1246276.46
	43° 55' 2"	26.2		
2582			407924.44	1246294.63
	37° 51' 53"	19.9		
2583			407940.17	1246306.86
	12° 43' 27"	12.7		
2584			407952.57	1246309.66
	336° 41' 44"	16.4		
2585			407967.59	1246303.19
	320° 6' 2"	25.1		
2586			407986.81	1246287.12
	305° 9' 4"	30.3		
2587			408004.28	1246262.31
	299° 55' 42"	29.4		
2588			408018.96	1246236.81
	294° 26' 24"	12.7		
2589			408024.2	1246225.28
	229° 7' 0"	24		
2590			408008.47	1246207.11
	232° 55' 10"	18		
2591			407997.64	1246192.78
	260° 44' 38"	17.3		
2592			407994.85	1246175.66
	296° 33' 2"	18		
2593			408002.88	1246159.59
	317° 29' 33"	22.8		
2594			408019.66	1246144.21
	321° 42' 0"	16.9		
2595			408032.93	1246133.73
	291° 25' 8"	8.6		
2596			408036.08	1246125.7
	247° 2' 43"	9.9		
2597			408032.23	1246116.61
	235° 47' 0"	21.1		
2598			408020.35	1246099.14
	328° 33' 35"	114.9		
2599			408118.36	1246039.22
	336° 43' 3"	313.8		
2600			408406.62	1245915.18
	326° 23' 47"	159.4		
2601			408539.4	1245826.95
	290° 44' 54"	61.6		
2602			408561.24	1245769.3
	309° 19' 24"	93.7		
2603			408620.63	1245696.8
	26° 8' 34"	381.8		
2604			408963.4	1245865.04
	310° 20' 8"	212.7		
2605			409101.07	1245702.91
	349° 15' 31"	283.1		

2606			409379.2	1245650.15
	272° 11' 53"	164		
2607			409385.49	1245486.28
	341° 36' 8"	121.7		
2608			409501	1245447.86
	92° 36' 3"	242.8		
2609			409489.98	1245690.45
	321° 40' 48"	174.3		
2610			409626.71	1245582.39
	49° 58' 8"	216		
2611			409765.65	1245747.79
	54° 50' 33"	57.6		
2612			409798.83	1245794.9
	135° 0' 0"	169.3		
2613			409679.09	1245914.64
	41° 57' 24"	263.7		
2614			409875.2	1246090.95
	324° 20' 12"	180		
2615			410021.48	1245985.98
	342° 28' 52"	146.2		
2616			410160.87	1245941.98
	18° 6' 39"	157.7		
2617			410310.78	1245991.01
	262° 11' 31"	86.8		
2618			410298.99	1245905.03
	262° 11' 50"	100.7		
2619			410285.32	1245805.27
	231° 58' 45"	65.8		
2620			410244.78	1245753.42
	248° 16' 58"	124.8		
2621			410198.59	1245637.45
	295° 46' 51"	153.9		
2622			410265.53	1245498.86
	247° 58' 24"	344		
2623			410136.53	1245180
	247° 58' 25"	146.3		
2624			410081.68	1245044.42
	232° 43' 29"	267.8		
2625			409919.51	1244831.35
	239° 27' 9"	66.8		
2626			409885.57	1244773.84
	212° 38' 32"	99.6		
2627			409801.66	1244720.09
	242° 5' 14"	197.4		
2628			409709.26	1244545.67
	203° 57' 28"	65		
2629			409649.87	1244519.28
	199° 47' 29"	23.2		
2630			409628	1244511.41
	273° 48' 24"	20.6		
2631			409629.37	1244490.82
	302° 28' 59"	119.7		
2632			409693.66	1244389.84
	262° 23' 2"	116		
2633			409678.29	1244274.89
	285° 13' 23"	252.3		
2634			409744.54	1244031.44
	282° 30' 19"	133.4		
2635			409773.42	1243901.23
	357° 37' 14"	148.4		

2636			409921.67	1243895.07
	290° 9' 3"	567.5		
2637			410117.16	1243362.34
	234° 25' 18"	231.7		
2638			409982.38	1243173.93
	301° 32' 33"	49.2		
2639			410008.13	1243131.98
	291° 13' 54"	52.1		
2640			410027	1243083.41
	275° 14' 37"	30.5		
2641			410029.79	1243053.01
	244° 34' 31"	23.6		
2642			410019.66	1243031.7
	212° 43' 41"	29.1		
2643			409995.2	1243015.98
	192° 2' 11"	46.1		
2644			409950.13	1243006.37
	206° 43' 47"	26.4		
2645			409926.54	1242994.49
	223° 57' 14"	20.1		
2646			409912.04	1242980.51
	244° 54' 25"	21.4		
2647			409902.96	1242961.12
	264° 59' 25"	28.1		
2648			409900.51	1242933.17
	285° 36' 49"	12.3		
2649			409903.83	1242921.29
	316° 58' 1"	17.9		
2650			409916.93	1242909.06
	349° 39' 25"	28.2		
2651			409944.71	1242903.99
	357° 58' 40"	64.3		
2652			410009	1242901.72
	347° 31' 0"	21.8		
2653			410030.32	1242897
	318° 16' 40"	10.8		
2654			410038.35	1242889.84
	264° 56' 52"	13.9		
2655			410037.13	1242876.04
	231° 20' 24"	21.3		
2656			410023.85	1242859.44
	212° 6' 10"	34.8		
2657			409994.33	1242840.92
	222° 8' 18"	27.3		
2658			409974.06	1242822.58
	246° 30' 23"	26.3		
2659			409963.58	1242798.47
	268° 41' 17"	22.7		
2660			409963.06	1242775.76
	289° 47' 52"	20.6		
2661			409970.04	1242756.37
	323° 0' 27"	16.9		
2662			409983.5	1242746.23
	353° 29' 44"	20		
2663			410003.41	1242743.96
	16° 32' 9"	28.2		
2664			410030.49	1242752
	26° 57' 33"	22.7		
2665			410050.76	1242762.31
	37° 35' 32"	44.1		

2666			410085.7	1242789.21
	5° 52' 7"	13.7		
2667			410099.32	1242790.61
	322° 31' 54"	13.2		
2668			410109.81	1242782.57
	291° 30' 50"	26.7		
2669			410119.59	1242757.76
	265° 25' 50"	43.8		
2670			410116.1	1242714.09
	269° 31' 18"	41.9		
2671			410115.75	1242672.16
	280° 52' 6"	53.7		
2672			410125.88	1242619.4
	273° 11' 5"	31.5		
2673			410127.63	1242587.95
	246° 55' 20"	20.5		
2674			410119.59	1242569.08
	201° 21' 41"	25.9		
2675			410095.48	1242559.65
	176° 53' 3"	32.2		
2676			410063.33	1242561.4
	142° 15' 5"	27.4		
2677			410041.67	1242578.17
	128° 51' 49"	60.1		
2678			410003.94	1242624.99
	145° 1' 28"	25.6		
2679			409982.97	1242639.66
	166° 44' 16"	24.4		
2680			409959.21	1242645.26
	182° 19' 32"	51.8		
2681			409907.5	1242643.16
	195° 38' 14"	18.1		
2682			409890.03	1242638.27
	218° 8' 48"	18.7		
2683			409875.35	1242626.74
	242° 17' 26"	23.3		
2684			409864.52	1242606.12
	262° 2' 56"	17.6		
2685			409862.08	1242588.65
	286° 47' 44"	19.3		
2686			409867.67	1242570.13
	299° 31' 32"	45.4		
2687			409890.03	1242530.65
	293° 40' 58"	43.5		
2688			409907.5	1242490.82
	260° 15' 19"	22.7		
2689			409903.66	1242468.46
	236° 52' 5"	49.2		
2690			409876.75	1242427.23
	226° 39' 59"	59.6		
2691			409835.87	1242383.9
	204° 58' 16"	28.1		
2692			409810.36	1242372.02
	177° 2' 2"	40.6		
2693			409769.83	1242374.12
	168° 49' 19"	63		
2694			409707.99	1242386.34
	177° 5' 44"	35.5		
2695			409672.51	1242388.14
	229° 23' 14"	60.4		

2696			409633.22	1242342.32
	217° 46' 45"	53.1		
2697			409591.29	1242309.82
	226° 25' 25"	61.2		
2698			409549.11	1242265.49
	242° 2' 10"	87.4		
2699			409508.13	1242188.3
	253° 55' 26"	250.8		
2700			409438.67	1241947.27
	249° 0' 26"	25.7		
2701			409429.48	1241923.32
	130° 42' 54"	68.2		
2702			409384.97	1241975.04
	177° 4' 25"	23.7		
2703			409361.3	1241976.25
	200° 24' 48"	31.5		
2704			409331.77	1241965.26
	242° 19' 33"	155.8		
2705			409259.43	1241827.32
	314° 10' 47"	147.2		
2706			409362.03	1241721.74
	329° 30' 55"	162.6		
2707			409502.14	1241639.26
	1° 44' 0"	15.9		
2708			409518	1241639.74
	342° 38' 17"	207.5		
2709			409716.08	1241577.81
	280° 37' 39"	43.5		
2710			409724.1	1241535.07
	345° 40' 48"	64.2		
2711			409786.31	1241519.19
	345° 40' 38"	14.1		
2712			409799.94	1241515.71
	259° 34' 17"	18.2		
2713			409796.64	1241497.78
	259° 33' 26"	20.5		
2714			409792.93	1241477.65
	259° 34' 32"	5.6		
2715			409791.92	1241472.16
	165° 29' 30"	74.8		
2716			409719.5	1241490.9
	234° 27' 44"	6		
2717			409716	1241486
	226° 54' 32"	8.5		
2718			409710.2	1241479.8
	208° 57' 16"	50.6		
2719			409665.9	1241455.29
	230° 44' 28"	67.1		
2720			409623.45	1241403.35
	231° 6' 36"	77.8		
2721			409574.61	1241342.8
	229° 27' 10"	112.6		
2722			409501.43	1241257.26
	152° 35' 51"	68.6		
2723			409440.57	1241288.81
	153° 8' 47"	167.9		
2724			409290.78	1241364.65
	152° 45' 46"	313.4		
2725			409012.1	1241508.1
	152° 53' 24"	299.1		

2726			408745.9	1241644.38
	201° 42' 18"	367.9		
2727			408404.06	1241508.31
	202° 55' 43"	301.7		
2728			408126.17	1241390.76
	200° 13' 8"	226		
2729			407914.09	1241312.65
	226° 19' 19"	160.3		
2730			407803.39	1241196.72
	224° 2' 2"	356.1		
2731			407547.36	1240949.18
	237° 15' 34"	409.2		
2732			407326.07	1240605.02
	239° 25' 1"	263.9		
2733			407191.79	1240377.81
	240° 34' 57"	278.2		
2734			407055.17	1240135.52
	240° 35' 15"	268.4		
2735			406923.37	1239901.73
	240° 35' 13"	258.5		
2736			406796.42	1239676.55
	240° 9' 55"	243.2		
2737			406675.45	1239465.62
	240° 5' 25"	1 069.7		
2738			406142.07	1238538.4
	219° 12' 52"	351.8		
2739			405869.51	1238315.99
	219° 45' 33"	19		
2740			405854.87	1238303.81
	222° 58' 13"	127.8		
2741			405761.37	1238216.71
	219° 25' 3"	487.8		
2742			405384.51	1237906.96
	220° 20' 16"	453.1		
2743			405039.15	1237613.68
	219° 37' 19"	4		
2744			405036.07	1237611.13
	219° 22' 5"	1 201.3		
2745			404107.36	1236849.14
	132° 40' 48"	704.7		
2746			403629.66	1237367.18
	230° 24' 40"	555.1		
2747			403275.92	1236939.41
	224° 21' 3"	129.2		
2748			403183.52	1236849.08
	226° 27' 53"	193.6		
2749			403050.16	1236708.72
	225° 51' 8"	49		
2750			403016.06	1236673.59
	225° 50' 51"	65.5		
2751			402970.44	1236626.6
	219° 8' 35"	49.6		
2752			402931.96	1236595.28
	310° 10' 19"	24		
2753			402947.46	1236576.92
	296° 21' 48"	295		
2754			403078.44	1236312.64
	288° 35' 13"	23.8		
2755			403086.03	1236290.07
	295° 40' 6"	302.9		

2756			403217.25	1236017.03
	297° 57' 29"	15.6		
2757			403224.58	1236003.22
	297° 2' 7"	406.3		
2758			403409.28	1235641.28
	305° 30' 35"	83.4		
2759			403457.73	1235573.38
	311° 21' 17"	498.8		
2760			403787.32	1235198.94
	319° 39' 3"	86.7		
2761			403853.38	1235142.82
	314° 42' 26"	62.3		
2762			403897.19	1235098.56
	312° 19' 26"	16.8		
2763			403908.51	1235086.13
	314° 6' 34"	23.2		
2764			403924.66	1235069.47
	310° 59' 51"	90.8		
2765			403984.21	1235000.96
	308° 52' 10"	127.1		
2766			404063.95	1234902.03
	294° 30' 13"	84.8		
2767			404099.12	1234824.87
	301° 16' 23"	38.4		
2768			404119.06	1234792.04
	287° 59' 17"	28.4		
2769			404127.83	1234765.03
	305° 30' 16"	22.2		
2770			404140.7	1234746.99
	296° 57' 42"	145.3		
2771			404206.58	1234617.48
	294° 50' 5"	126.9		
2772			404259.89	1234502.29
	295° 10' 55"	267		
2773			404373.51	1234260.64
	295° 27' 0"	524.5		
2774			404598.92	1233787
	335° 14' 52"	1 480.9		
2775			405943.76	1233166.96
	260° 19' 32"	416.3		
2776			405873.8	1232756.57
	273° 33' 31"	1 296.9		
2777			405954.3	1231462.2
	264° 15' 36"	97		
2778			405944.6	1231365.7
	227° 48' 28"	155.9		
2779			405839.9	1231250.2
	224° 1' 46"	187.9		
2780			405704.8	1231119.6
	215° 8' 17"	17		
2781			405690.89	1231109.81
	224° 5' 52"	451.4		
2782			405366.71	1230795.68
	222° 25' 16"	380		
2783			405086.17	1230539.32
	306° 44' 35"	791.2		
2784			405559.5	1229905.3
	306° 40' 34"	325.3		
2785			405753.8	1229644.4
	302° 13' 26"	419.5		

2786			405977.5	1229289.5
	300° 29' 59"	8.5		
2787			405981.8	1229282.2
	305° 31' 37"	119.8		
2788			406051.43	1229184.68
	306° 17' 17"	114.5		
2789			406119.18	1229092.41
	208° 18' 2"	1.5		
2790			406117.88	1229091.71
	200° 42' 44"	155.3		
2791			405972.66	1229036.8
	202° 9' 30"	32.2		
2792			405942.85	1229024.66
	200° 32' 55"	130.1		
2793			405820.99	1228978.98
	201° 4' 49"	80.7		
2794			405745.68	1228949.95
	200° 18' 56"	204.5		
2795			405553.93	1228878.96
	200° 34' 15"	197.2		
2796			405369.33	1228809.68
	194° 35' 38"	163.9		
2797			405210.71	1228768.38
	195° 21' 17"	188.7		
2798			405028.77	1228718.42
	193° 9' 16"	51.5		
2799			404978.58	1228706.69
	208° 9' 48"	43.8		
2800			404939.99	1228686.03
	291° 14' 38"	18.3		
2801			404946.63	1228668.95
	201° 34' 53"	74		
2802			404877.79	1228641.72
	160° 20' 49"	42		
2803			404838.28	1228655.83
	225° 0' 0"	142		
2804			404737.89	1228555.44
	217° 23' 57"	40.7		
2805			404705.57	1228530.73
	288° 21' 3"	381.4		
2806			404825.66	1228168.69
	344° 7' 27"	19.2		
2807			404844.12	1228163.44
	14° 33' 44"	33		
2808			404876.07	1228171.74
	310° 22' 39"	41.7		
2809			404903.07	1228139.99
	345° 10' 20"	148.6		
2810			405046.69	1228101.97
	359° 45' 53"	58.5		
2811			405105.16	1228101.73
	273° 37' 6"	96.5		
2812			405111.25	1228005.43
	270° 52' 42"	232.8		
2813			405114.82	1227772.62
	268° 52' 15"	44.1		
2814			405113.95	1227728.48
	275° 38' 30"	55.6		
2815			405119.42	1227673.11
	284° 47' 29"	140.6		

2816			405155.31	1227537.19
	327° 0' 9"	30.1		
2817			405180.52	1227520.82
	10° 20' 46"	155.6		
2818			405333.56	1227548.76
	13° 38' 1"	65.2		
2819			405396.97	1227564.14
	285° 56' 6"	61		
2820			405413.73	1227505.44
	285° 18' 13"	722.1		
2821			405604.31	1226808.97
	285° 33' 14"	147		
2822			405643.74	1226667.31
	284° 32' 20"	74.3		
2823			405662.4	1226595.36
	285° 10' 46"	181.8		
2824			405710.01	1226419.88
	286° 10' 1"	166.9		
2825			405756.47	1226259.62
	281° 12' 26"	37.3		
2826			405763.71	1226223.08
	287° 31' 24"	142.9		
2827			405806.74	1226086.8
	285° 12' 27"	177.1		
2828			405853.2	1225915.89
	284° 53' 53"	111.1		
2829			405881.76	1225808.54
	285° 11' 37"	142.4		
2830			405919.08	1225671.12
	285° 26' 21"	151.6		
2831			405959.45	1225524.95
	284° 33' 24"	51.5		
2832			405972.4	1225475.08
	283° 27' 56"	109.6		
2833			405997.92	1225368.5
	282° 30' 20"	86.2		
2834			406016.58	1225284.37
	283° 50' 36"	108.2		
2835			406042.47	1225179.31
	281° 17' 2"	30.4		
2836			406048.42	1225149.49
	283° 13' 14"	73.1		
2837			406065.14	1225078.32
	165° 44' 9"	258.7		
2838			405814.46	1225142.05
	188° 36' 51"	115.6		
2839			405700.13	1225124.73
	192° 51' 50"	135.9		
2840			405567.67	1225094.48
	206° 6' 5"	41.5		
2841			405530.44	1225076.24
	217° 4' 12"	45.2		
2842			405494.37	1225048.99
	199° 36' 11"	40.3		
2843			405456.38	1225035.46
	222° 45' 55"	37.5		
2844			405428.82	1225009.97
	195° 58' 34"	68.8		
2845			405362.63	1224991.02
	202° 58' 14"	94.1		

2846			405276	1224954.3
	195° 49' 9"	91.2		
2847			405188.26	1224929.44
	203° 42' 9"	13		
2848			405176.37	1224924.22
	204° 13' 39"	19.3		
2849			405158.77	1224916.3
	188° 58' 21"	16.9		
2850			405142.05	1224913.66
	212° 0' 19"	24.9		
2851			405120.93	1224900.46
	205° 46' 9"	28.3		
2852			405095.41	1224888.14
	171° 11' 40"	16.9		
2853			405078.69	1224890.73
	161° 27' 23"	25.1		
2854			405054.93	1224898.7
	184° 14' 11"	23.8		
2855			405031.17	1224896.94
	203° 11' 54"	46.9		
2856			404988.05	1224878.46
	200° 46' 20"	54.6		
2857			404937.01	1224859.1
	288° 53' 9"	35.3		
2858			404948.45	1224825.66
	288° 50' 1"	42.7		
2859			404962.24	1224785.23
	287° 23' 29"	98.1		
2860			404991.57	1224691.59
	286° 37' 27"	129.1		
2861			405028.51	1224567.87
	285° 12' 28"	108.9		
2862			405057.07	1224462.81
	287° 58' 5"	116		
2863			405092.87	1224352.42
	288° 57' 52"	118.3		
2864			405131.33	1224240.5
	289° 51' 12"	161.5		
2865			405186.17	1224088.62
	288° 34' 54"	148.2		
2866			405233.39	1223948.16
	289° 0' 14"	171.9		
2867			405289.37	1223785.62
	289° 58' 17"	88.4		
2868			405319.58	1223702.49
	289° 21' 43"	29.3		
2869			405329.3	1223674.83
	287° 23' 11"	22.1		
2870			405335.91	1223653.72
	287° 24' 21"	17.8		
2871			405341.23	1223636.75
	287° 23' 52"	62.2		
2872			405359.83	1223577.39
	271° 4' 23"	26.7		
2873			405360.33	1223550.7
	271° 4' 58"	30.7		
2874			405360.91	1223520.02
	271° 4' 49"	23.3		
2875			405361.35	1223496.69
	5° 13' 22"	142.3		

2876			405503.02	1223509.64
	274° 42' 42"	105.4		
2877			405511.68	1223404.57
	275° 50' 14"	201.3		
2878			405532.15	1223204.35
	275° 10' 34"	274.4		
2879			405556.91	1222931.03
	275° 28' 37"	322.2		
2880			405587.66	1222610.33
	275° 56' 36"	343.3		
2881			405623.21	1222268.85
	275° 56' 28"	189.1		
2882			405642.78	1222080.8
	275° 56' 6"	341.6		
2883			405678.1	1221741.06
	275° 51' 47"	306.7		
2884			405709.43	1221435.97
	275° 35' 33"	112.7		
2885			405720.41	1221323.84
	276° 7' 21"	34.9		
2886			405724.13	1221289.16
	276° 6' 27"	33.5		
2887			405727.69	1221255.89
	199° 6' 44"	53		
2888			405677.65	1221238.55
	210° 44' 46"	56		
2889			405629.52	1221209.92
	194° 50' 10"	38.4		
2890			405592.41	1221200.09
	182° 16' 18"	30.5		
2891			405561.91	1221198.88
	158° 59' 18"	47.7		
2892			405517.39	1221215.98
	129° 54' 21"	94.2		
2893			405456.95	1221288.25
	139° 38' 38"	35.7		
2894			405429.73	1221311.38
	161° 10' 16"	53.4		
2895			405379.23	1221328.6
	179° 27' 19"	35.8		
2896			405343.46	1221328.94
	190° 4' 50"	22.9		
2897			405320.96	1221324.94
	206° 0' 22"	47.2		
2898			405278.51	1221304.23
	230° 17' 25"	51.2		
2899			405245.78	1221264.82
	239° 45' 5"	36.3		
2900			405227.51	1221233.49
	247° 59' 29"	55		
2901			405206.9	1221182.5
	234° 57' 33"	32.8		
2902			405188.05	1221155.62
	203° 37' 39"	40.7		
2903			405150.79	1221139.32
	189° 26' 44"	85.5		
2904			405066.46	1221125.29
	185° 17' 16"	73.8		
2905			404992.99	1221118.49
	176° 58' 5"	62.2		

2906			404930.87	1221121.78
	165° 39' 36"	70.5		
2907			404862.61	1221139.23
	141° 12' 3"	31.5		
2908			404838.07	1221158.96
	111° 11' 25"	64.1		
2909			404814.91	1221218.7
	122° 39' 6"	24.8		
2910			404801.53	1221239.58
	140° 27' 57"	22.4		
2911			404784.24	1221253.85
	157° 45' 16"	76.2		
2912			404713.73	1221282.69
	162° 26' 22"	42.1		
2913			404673.63	1221295.38
	179° 50' 37"	33		
2914			404640.63	1221295.47
	205° 13' 48"	97.3		
2915			404552.58	1221253.98
	169° 8' 37"	57.7		
2916			404495.9	1221264.85
	156° 16' 46"	33.9		
2917			404464.88	1221278.48
	143° 49' 44"	30.8		
2918			404440	1221296.67
	128° 39' 23"	55.8		
2919			404405.14	1221340.25
	116° 29' 46"	152.5		
2920			404337.11	1221476.72
	141° 44' 10"	37.5		
2921			404307.67	1221499.94
	156° 40' 17"	24.3		
2922			404285.34	1221509.57
	179° 14' 48"	92		
2923			404193.3	1221510.78
	193° 14' 41"	38.5		
2924			404155.87	1221501.97
	179° 31' 22"	122.5		
2925			404033.37	1221502.99
	191° 48' 29"	38.1		
2926			403996.06	1221495.19
	199° 18' 34"	65.3		
2927			403934.47	1221473.61
	197° 20' 21"	32.2		
2928			403903.69	1221464
	186° 20' 32"	29		
2929			403874.9	1221460.8
	181° 3' 35"	87.6		
2930			403787.34	1221459.18
	195° 7' 49"	28.2		
2931			403760.12	1221451.82
	208° 3' 52"	38.5		
2932			403726.19	1221433.73
	232° 52' 43"	20.1		
2933			403714.08	1221417.73
	248° 39' 26"	20.6		
2934			403706.57	1221398.51
	267° 36' 16"	52.6		
2935			403704.37	1221345.92
	237° 59' 55"	30		

2936			403688.46	1221320.46
	214° 26' 9"	60.3		
2937			403638.74	1221286.37
	207° 3' 23"	48		
2938			403596.02	1221264.55
	178° 1' 8"	32.4		
2939			403563.64	1221265.67
	155° 43' 53"	102.9		
2940			403469.84	1221307.96
	183° 14' 27"	52		
2941			403417.92	1221305.02
	194° 59' 22"	36.7		
2942			403382.44	1221295.52
	207° 16' 33"	23.8		
2943			403361.3	1221284.62
	218° 55' 9"	26.9		
2944			403340.37	1221267.72
	245° 10' 26"	33.2		
2945			403326.45	1221237.63
	256° 6' 25"	35.9		
2946			403317.83	1221202.78
	251° 20' 20"	112.3		
2947			403281.9	1221096.39
	221° 20' 14"	28.4		
2948			403260.54	1221077.6
	204° 50' 9"	38.1		
2949			403225.97	1221061.6
	168° 44' 50"	98.2		
2950			403129.62	1221080.77
	180° 12' 4"	37		
2951			403092.6	1221080.64
	198° 7' 11"	69		
2952			403026.99	1221059.17
	200° 6' 33"	73.3		
2953			402958.19	1221033.98
	212° 29' 47"	29.6		
2954			402933.26	1221018.1
	227° 48' 18"	36.1		
2955			402909	1220991.34
	241° 42' 56"	65.6		
2956			402877.92	1220933.58
	209° 0' 50"	80.9		
2957			402807.17	1220894.34
	295° 35' 40"	34.3		
2958			402822	1220863.38
	295° 35' 14"	153		
2959			402888.1	1220725.34
	295° 1' 24"	190.5		
2960			402968.68	1220552.72
	287° 2' 35"	233.1		
2961			403036.99	1220329.89
	286° 49' 18"	146.1		
2962			403079.28	1220190.01
	294° 32' 22"	82.2		
2963			403113.44	1220115.19
	334° 39' 23"	102.6		
2964			403206.15	1220071.28
	332° 43' 18"	117.1		
2965			403310.25	1220017.6
	344° 58' 53"	69		

2966			403376.93	1219999.71
	323° 9' 4"	37.9		
2967			403407.22	1219977.01
	332° 29' 22"	93.2		
2968			403489.92	1219933.94
	350° 8' 44"	71.9		
2969			403560.73	1219921.64
	269° 47' 59"	40.1		
2970			403560.59	1219881.57
	278° 19' 49"	31.5		
2971			403565.16	1219850.36
	297° 33' 2"	9.9		
2972			403569.73	1219841.6
	304° 56' 3"	29.3		
2973			403586.48	1219817.62
	307° 22' 1"	18.2		
2974			403597.53	1219803.15
	299° 44' 24"	15.3		
2975			403605.14	1219789.83
	286° 50' 43"	34.2		
2976			403615.05	1219757.1
	281° 9' 17"	27.6		
2977			403620.38	1219730.07
	268° 38' 19"	16		
2978			403620	1219714.08
	262° 29' 50"	29.2		
2979			403616.19	1219685.15
	90° 0' 0"	8.4		
2980			403616.19	1219676.78
	298° 56' 44"	20.5		
2981			403626.09	1219658.88
	313° 2' 39"	78.1		
2982			403679.41	1219601.79
	318° 25' 13"	23.8		
2983			403697.23	1219585.98
	318° 26' 7"	39.3		
2984			403726.63	1219559.91
	320° 46' 17"	59		
2985			403772.33	1219522.6
	203° 26' 56"	42		
2986			403733.76	1219505.87
	200° 47' 14"	226.2		
2987			403522.28	1219425.59
	196° 8' 42"	511.5		
2988			403030.97	1219283.36
	315° 42' 30"	411.8		
2989			403325.74	1218995.79
	315° 49' 42"	247.4		
2990			403503.21	1218823.38
	315° 19' 3"	94.4		
2991			403570.3	1218757.03
	286° 29' 38"	99.3		
2992			403598.48	1218661.86
	286° 19' 48"	150.3		
2993			403640.75	1218517.59
	286° 48' 24"	270		
2994			403718.82	1218259.12
	285° 48' 49"	173.3		
2995			403766.04	1218092.4
	286° 0' 13"	121.6		

2996			403799.56	1217975.53
	282° 43' 35"	24.2		
2997			403804.89	1217951.93
	286° 6' 20"	177.1		
2998			403854.02	1217781.78
	284° 38' 44"	122		
2999			403884.86	1217663.77
	284° 51' 52"	167.8		
3000			403927.9	1217501.61
	284° 17' 2"	174.4		
3001			403970.93	1217332.6
	283° 43' 1"	98		
3002			403994.16	1217237.43
	292° 11' 40"	73.6		
3003			404021.96	1217169.29
	23° 42' 28"	260.4		
3004			404260.36	1217273.98
	23° 8' 59"	157.8		
3005			404405.46	1217336.02
	23° 11' 30"	110.2		
3006			404506.76	1217379.42
	295° 33' 28"	86.5		
3007			404544.08	1217301.38
	296° 9' 6"	138.2		
3008			404605.01	1217177.29
	296° 19' 25"	116.8		
3009			404656.8	1217072.61
	296° 5' 37"	121.2		
3010			404710.12	1216963.74
	297° 17' 39"	27.4		
3011			404722.69	1216939.38
	296° 46' 50"	140.3		
3012			404785.9	1216814.14
	296° 25' 43"	133.5		
3013			404845.31	1216694.61
	296° 59' 44"	139.3		
3014			404908.53	1216570.51
	297° 18' 11"	161.1		
3015			404982.41	1216427.39
	299° 12' 34"	44.5		
3016			405004.12	1216388.56
	13° 33' 55"	22.7		
3017			405026.21	1216393.89
	25° 8' 18"	151.4		
3018			405163.3	1216458.22
	25° 15' 50"	226.5		
3019			405368.14	1216554.89
	12° 32' 57"	21.1		
3020			405388.76	1216559.48
	293° 7' 51"	45.5		
3021			405406.65	1216517.6
	293° 21' 52"	167.1		
3022			405472.92	1216364.2
	294° 20' 43"	135.8		
3023			405528.9	1216240.48
	293° 32' 51"	151.6		
3024			405589.45	1216101.54
	293° 18' 7"	115.6		
3025			405635.17	1215995.39
	296° 28' 16"	109.2		

3026			405683.84	1215897.65
	239° 31' 36"	3.8		
3027			405681.91	1215894.37
	293° 24' 24"	126.5		
3028			405732.18	1215778.24
	292° 12' 18"	113.6		
3029			405775.11	1215673.07
	299° 45' 15"	7.6		
3030			405778.9	1215666.44
	237° 15' 48"	27		
3031			405764.3	1215643.73
	196° 42' 43"	33.9		
3032			405731.86	1215633.99
	166° 41' 44"	26.2		
3033			405706.36	1215640.02
	142° 4' 4"	57.3		
3034			405661.17	1215675.24
	155° 54' 15"	17		
3035			405645.63	1215682.19
	184° 59' 37"	18.6		
3036			405627.09	1215680.57
	214° 13' 9"	42		
3037			405592.33	1215656.93
	203° 59' 30"	55.5		
3038			405541.64	1215634.37
	190° 14' 3"	47.2		
3039			405495.17	1215625.98
	178° 3' 11"	65.3		
3040			405429.86	1215628.2
	262° 23' 28"	119		
3041			405414.1	1215510.22
	250° 22' 55"	92.5		
3042			405383.04	1215423.08
	265° 19' 52"	45.6		
3043			405379.33	1215377.65
	302° 31' 23"	75.9		
3044			405420.12	1215313.68
	267° 9' 16"	84		
3045			405415.95	1215229.78
	307° 28' 57"	83.2		
3046			405466.6	1215163.73
	275° 34' 41"	63.8		
3047			405472.8	1215100.25
	309° 58' 47"	51.8		
3048			405506.08	1215060.56
	273° 37' 19"	58.7		
3049			405509.79	1215001.95
	296° 54' 30"	49.2		
3050			405532.07	1214958.05
	309° 0' 45"	117.1		
3051			405605.81	1214867.03
	263° 16' 55"	28.8		
3052			405602.44	1214838.42
	262° 53' 38"	115.8		
3053			405588.11	1214723.47
	297° 23' 37"	43.3		
3054			405608.03	1214685.03
	285° 46' 19"	118.9		
3055			405640.35	1214570.6
	262° 18' 4"	28.7		

3056			405636.5	1214542.12
	251° 44' 33"	35.7		
3057			405625.32	1214508.23
	270° 20' 42"	29.9		
3058			405625.5	1214478.36
	298° 17' 47"	36.1		
3059			405642.62	1214446.56
	275° 44' 19"	24.4		
3060			405645.06	1214422.28
	257° 1' 11"	32.6		
3061			405637.73	1214390.48
	241° 29' 24"	92.2		
3062			405593.7	1214309.42
	258° 27' 11"	48.9		
3063			405583.92	1214261.55
	272° 1' 49"	108.4		
3064			405587.76	1214153.23
	287° 53' 13"	14.9		
3065			405592.33	1214139.07
	300° 25' 30"	54		
3066			405619.68	1214092.5
	327° 21' 19"	82.8		
3067			405689.44	1214047.81
	354° 57' 29"	116.2		
3068			405805.17	1214037.6
	304° 19' 3"	65.3		
3069			405842.01	1213983.63
	304° 18' 44"	270.7		
3070			405994.59	1213760.06
	302° 5' 6"	184.3		
3071			406092.48	1213603.92
	305° 50' 5"	366.8		
3072			406307.24	1213306.53
	277° 47' 35"	519.3		
3073			406377.66	1212791.99
	277° 4' 46"	483.1		
3074			406437.2	1212312.58
	257° 40' 49"	3.6		
3075			406436.44	1212309.1
	190° 40' 55"	1 270.0		
3076			405188.48	1212073.7
	191° 28' 12"	336.6		
3077			404858.63	1212006.77
	208° 9' 57"	30.3		
3078			404831.96	1211992.49
	262° 50' 53"	427.9		
3079			404778.69	1211567.94
	262° 26' 48"	117.3		
3080			404763.27	1211451.65
	262° 51' 45"	110.3		
3081			404749.56	1211342.16
	264° 4' 1"	99.7		
3082			404739.25	1211242.95
	264° 21' 24"	159.4		
3083			404723.58	1211084.37
	263° 34' 11"	180.9		
3084			404703.32	1210904.6
	264° 27' 27"	92.9		
3085			404694.35	1210812.16
	264° 38' 25"	2 267.2		

3086			404482.58	1208554.84
	264° 20' 3"	473.9		
3087			404435.8	1208083.3
	263° 26' 39"	130.4		
3088			404420.91	1207953.73
	264° 12' 30"	228.3		
3089			404397.87	1207726.57
	265° 39' 57"	447.3		
3090			404364.07	1207280.59
	264° 58' 19"	181		
3091			404348.21	1207100.32
	261° 20' 55"	113.8		
3092			404331.09	1206987.8
	262° 42' 38"	84.8		
3093			404320.33	1206903.68
	257° 20' 4"	68.6		
3094			404305.28	1206836.71
	269° 56' 40"	41.5		
3095			404305.24	1206795.26
	281° 11' 3"	92.2		
3096			404323.12	1206704.83
	273° 27' 59"	161.6		
3097			404332.89	1206543.55
	237° 9' 52"	20.3		
3098			404321.9	1206526.52
	225° 47' 8"	35.6		
3099			404297.09	1206501.02
	240° 50' 7"	34.4		
3100			404280.32	1206470.97
	253° 51' 32"	41.5		
3101			404268.79	1206431.13
	269° 10' 26"	48.6		
3102			404268.09	1206382.57
	280° 15' 43"	49		
3103			404276.82	1206334.35
	294° 50' 7"	119		
3104			404326.79	1206226.38
	300° 8' 29"	175.3		
3105			404414.84	1206074.74
	275° 56' 53"	67.5		
3106			404421.83	1206007.65
	277° 19' 1"	52.1		
3107			404428.47	1205955.94
	278° 39' 26"	69.6		
3108			404438.95	1205887.11
	294° 44' 29"	83.5		
3109			404473.89	1205811.29
	290° 19' 27"	90.5		
3110			404505.34	1205726.38
	280° 5' 9"	57.8		
3111			404515.47	1205669.43
	259° 7' 53"	53.7		
3112			404505.34	1205616.67
	271° 22' 51"	57.7		
3113			404506.73	1205559.01
	276° 55' 6"	26.5		
3114			404509.92	1205532.72
	217° 52' 29"	9		
3115			404502.81	1205527.19
	221° 49' 6"	122.4		

3116			404411.56	1205445.55
	221° 9' 36"	279.9		
3117			404200.82	1205261.32
	220° 36' 51"	95.6		
3118			404128.24	1205199.08
	220° 29' 57"	414.7		
3119			403812.9	1204929.76
	219° 13' 54"	391.3		
3120			403509.84	1204682.31
	219° 56' 12"	149.3		
3121			403395.33	1204586.44
	214° 31' 49"	373.6		
3122			403087.51	1204374.64
	214° 10' 58"	149		
3123			402964.27	1204290.94
	213° 59' 27"	294.7		
3124			402719.92	1204126.18
	213° 26' 1"	91.8		
3125			402643.31	1204075.6
	214° 8' 58"	43.9		
3126			402606.97	1204050.95
	220° 25' 59"	71.7		
3127			402552.42	1204004.47
	226° 41' 6"	145		
3128			402452.95	1203898.97
	225° 59' 53"	46.3		
3129			402420.81	1203865.69
	226° 43' 4"	44.1		
3130			402390.57	1203833.58
	227° 17' 12"	100		
3131			402322.77	1203760.14
	297° 5' 41"	32.4		
3132			402337.53	1203731.29
	298° 49' 8"	34		
3133			402353.92	1203701.5
	297° 56' 10"	413.6		
3134			402547.68	1203336.11
	301° 6' 17"	226.4		
3135			402664.64	1203142.26
	23° 53' 24"	320.8		
3136			402957.98	1203272.19
	23° 3' 9"	123.7		
3137			403071.76	1203320.61
	23° 3' 45"	570.4		
3138			403596.58	1203544.06
	24° 5' 30"	569.2		
3139			404116.16	1203776.39
	13° 44' 15"	63.8		
3140			404178.09	1203791.53
	13° 44' 10"	11.1		
3141			404188.89	1203794.17
	275° 37' 35"	9.5		
3142			404189.82	1203784.73
	295° 18' 39"	28.6		
3143			404202.05	1203758.87
	316° 29' 11"	47.7		
3144			404236.64	1203726.03
	312° 57' 56"	34.9		
3145			404260.4	1203700.52
	296° 8' 33"	20.6		

3146			404269.49	1203682
	277° 45' 33"	31		
3147			404273.68	1203651.25
	273° 51' 7"	109.3		
3148			404281.02	1203542.24
	285° 26' 28"	55.1		
3149			404295.69	1203489.13
	299° 53' 56"	48.4		
3150			404319.8	1203447.2
	292° 28' 41"	43.9		
3151			404336.57	1203406.67
	268° 19' 28"	47.5		
3152			404335.18	1203359.15
	261° 33' 16"	45.2		
3153			404328.54	1203314.43
	248° 48' 24"	36.7		
3154			404315.26	1203280.18
	261° 8' 47"	27.2		
3155			404311.07	1203253.28
	272° 23' 53"	33.2		
3156			404312.46	1203220.09
	306° 44' 25"	31		
3157			404330.98	1203195.28
	328° 56' 44"	111.8		
3158			404426.72	1203137.63
	313° 45' 41"	34.4		
3159			404450.48	1203112.82
	271° 21' 0"	29.7		
3160			404451.18	1203083.12
	225° 59' 21"	28.7		
3161			404431.26	1203062.5
	230° 23' 27"	52.6		
3162			404397.72	1203021.97
	241° 11' 7"	39.9		
3163			404378.5	1202987.03
	267° 46' 20"	36		
3164			404377.1	1202951.04
	266° 9' 40"	41.7		
3165			404374.31	1202909.46
	271° 13' 47"	48.9		
3166			404375.36	1202860.55
	280° 38' 23"	41.6		
3167			404383.04	1202819.67
	298° 56' 52"	37.5		
3168			404401.21	1202786.82
	317° 50' 48"	34.9		
3169			404427.07	1202763.41
	331° 21' 27"	47.4		
3170			404468.65	1202740.7
	326° 18' 35"	42.8		
3171			404504.29	1202716.94
	294° 55' 59"	33.1		
3172			404518.26	1202686.89
	268° 56' 50"	94.7		
3173			404516.52	1202592.2
	290° 36' 31"	40.7		
3174			404530.84	1202554.12
	303° 7' 36"	88.9		
3175			404579.41	1202479.69
	269° 41' 40"	65.7		

3176			404579.06	1202414.01
	287° 31' 26"	55.7		
3177			404595.83	1202360.9
	301° 54' 18"	43.6		
3178			404618.89	1202323.86
	267° 44' 39"	35.3		
3179			404617.5	1202288.57
	271° 37' 9"	86.3		
3180			404619.94	1202202.26
	285° 39' 48"	57		
3181			404635.32	1202147.41
	295° 55' 25"	70.3		
3182			404666.06	1202084.17
	281° 27' 55"	52.8		
3183			404676.55	1202032.45
	282° 13' 31"	179.8		
3184			404714.63	1201856.7
	289° 47' 48"	83.6		
3185			404742.93	1201778.08
	272° 9' 14"	158		
3186			404748.87	1201620.15
	265° 8' 45"	53.7		
3187			404744.33	1201566.69
	241° 31' 49"	42.5		
3188			404724.06	1201529.31
	218° 43' 32"	100.5		
3189			404645.62	1201466.41
	345° 42' 39"	38.5		
3190			404682.92	1201456.91
	342° 10' 34"	32		
3191			404713.4	1201447.11
	345° 35' 14"	919.6		
3192			405604.05	1201218.22
	345° 42' 5"	547.6		
3193			406134.64	1201082.99
	345° 8' 47"	477.3		
3194			406595.97	1200960.64
	341° 43' 16"	5.8		
3195			406601.48	1200958.82
	333° 10' 48"	20.1		
3196			406619.42	1200949.75
	349° 44' 1"	12		
3197			406631.18	1200947.62
	83° 32' 23"	86.5		
3198			406640.91	1201033.55
	83° 34' 39"	120.1		
3199			406654.34	1201152.86
	83° 38' 50"	65.6		
3200			406661.6	1201218.07
	77° 56' 47"	151.4		
3201			406693.22	1201366.15
	77° 36' 24"	166.8		
3202			406729.02	1201529.07
	76° 26' 47"	12.4		
3203			406731.92	1201541.1
	75° 0' 24"	114.9		
3204			406761.64	1201652.07
	75° 8' 30"	144.4		
3205			406798.66	1201791.61
	74° 5' 16"	209.9		

3206			406856.21	1201993.48
	74° 1' 51"	184.1		
3207			406906.86	1202170.48
	69° 23' 20"	219.6		
3208			406984.17	1202376.04
	70° 4' 2"	105.6		
3209			407020.18	1202475.34
	0° 20' 35"	18.4		
3210			407038.54	1202475.45
	5° 38' 43"	248.4		
3211			407285.78	1202499.89
	5° 46' 40"	71.9		
3212			407357.33	1202507.13
	5° 47' 3"	122.2		
3213			407478.95	1202519.45
	4° 54' 27"	1 136.8		
3214			408611.57	1202616.7
	4° 43' 41"	90.1		
3215			408701.4	1202624.13
	5° 18' 31"	300.7		
3216			409000.8	1202651.95
	29° 14' 21"	137.4		
3217			409120.65	1202719.04
	31° 58' 48"	168.9		
3218			409263.91	1202808.49
	37° 35' 38"	105.4		
3219			409347.41	1202872.78
	50° 24' 44"	151.9		
3220			409444.2	1202989.83
	47° 34' 18"	121.2		
3221			409525.96	1203079.28
	49° 46' 49"	130.4		
3222			409610.17	1203178.86
	56° 21' 45"	105.3		
3223			409668.52	1203266.56
	67° 51' 43"	54.7		
3224			409689.13	1203317.22
	60° 56' 41"	125.5		
3225			409750.07	1203426.91
	151° 21' 0"	13.9		
3226			409737.88	1203433.57
	151° 20' 39"	64.9		
3227			409680.97	1203464.67
	148° 15' 40"	201		
3228			409510.07	1203570.38
	61° 18' 14"	216.6		
3229			409614.08	1203760.39
	61° 11' 25"	272.4		
3230			409745.37	1203999.11
	62° 7' 19"	137.4		
3231			409809.62	1204120.57
	61° 12' 57"	360.2		
3232			409983.04	1204436.23
	59° 42' 21"	698		
3233			410335.14	1205038.92
	57° 0' 14"	689.1		
3234			410710.42	1205616.89
	55° 43' 38"	540.2		
3235			411014.6	1206063.26
	56° 21' 50"	261.4		

3236			411159.39	1206280.89
	56° 34' 58"	198		
3237			411268.41	1206446.12
	56° 44' 26"	212.1		
3238			411384.74	1206623.49
	56° 43' 43"	8.3		
3239			411389.32	1206630.47
	317° 53' 9"	176		
3240			411519.86	1206512.46
	318° 21' 13"	15.1		
3241			411531.15	1206502.42
	318° 37' 39"	25.1		
3242			411550.02	1206485.8
	316° 49' 15"	194.7		
3243			411692	1206352.57
	315° 20' 21"	45.4		
3244			411724.27	1206320.68
	316° 50' 44"	235.1		
3245			411895.79	1206159.87
	316° 1' 44"	322.8		
3246			412128.14	1205935.72
	312° 47' 25"	299.7		
3247			412331.71	1205715.81
	312° 6' 34"	307.4		
3248			412537.83	1205487.77
	309° 54' 36"	3.5		
3249			412540.08	1205485.08
	269° 2' 42"	12		
3250			412539.88	1205473.08
	257° 18' 24"	96		
3251			412518.78	1205379.4
	269° 22' 51"	179.6		
3252			412516.84	1205199.82
	255° 55' 30"	194		
3253			412469.67	1205011.68
	325° 27' 13"	29		
3254			412493.52	1204995.26
	311° 51' 6"	82.1		
3255			412548.33	1204934.07
	315° 11' 5"	442.8		
3256			412862.48	1204621.94
	316° 49' 41"	566.7		
3257			413275.79	1204234.2
	329° 37' 20"	711.5		
3258			413889.6	1203874.4
	330° 23' 5"	203.7		
3259			414066.72	1203773.72
	330° 49' 21"	15.4		
3260			414080.17	1203766.21
	330° 54' 15"	74.4		
3261			414145.22	1203730.01
	327° 43' 5"	16.9		
3262			414159.53	1203720.97
	329° 20' 30"	19.6		
3263			414176.4	1203710.97
	329° 19' 52"	35.3		
3264			414206.77	1203692.96
	328° 7' 13"	86.8		
3265			414280.49	1203647.11
	328° 28' 57"	229.9		

3266			414476.44	1203526.95
	327° 55' 34"	17.8		
3267			414491.52	1203517.5
	329° 53' 15"	19.7		
3268			414508.59	1203507.6
	311° 7' 1"	1.6		
3269			414509.62	1203506.42
	328° 16' 24"	206.3		
3270			414685.05	1203397.96
	310° 13' 55"	459		
3271			414981.49	1203047.57
	313° 46' 35"	11.3		
3272			414989.28	1203039.44
	297° 26' 21"	27.8		
3273			415002.11	1203014.73
	303° 58' 34"	94.4		
3274			415054.85	1202936.47
	315° 12' 53"	26.4		
3275			415073.59	1202917.87
	312° 51' 0"	72		
3276			415122.56	1202865.08
	313° 15' 27"	268.2		
3277			415306.32	1202669.79
	314° 22' 13"	108.7		
3278			415382.36	1202592.06
	315° 57' 8"	70.2		
3279			415432.82	1202543.25
	321° 11' 47"	175		
3280			415569.23	1202433.56
	321° 10' 34"	66		
3281			415620.64	1202392.19
	321° 10' 43"	133.6		
3282			415724.7	1202308.46
	321° 11' 13"	55.6		
3283			415768	1202273.63
	321° 39' 59"	246.7		
3284			415961.5	1202120.63
	322° 17' 34"	530.4		
3285			416381.09	1201796.25
	55° 53' 22"	355.1		
3286			416580.22	1202090.25
	333° 47' 28"	71.9		
3287			416644.72	1202058.5
	330° 55' 38"	1 032.1		
3288			417546.75	1201557
	331° 31' 17"	805.7		
3289			418254.92	1201172.84
	329° 57' 9"	258.6		
3290			418478.81	1201043.33
	355° 29' 46"	65.7		
3291			418544.32	1201038.17
	21° 18' 57"	47.1		
3292			418588.22	1201055.3
	83° 36' 4"	31.4		
3293			418591.72	1201086.51
	80° 33' 16"	33.3		
3294			418597.18	1201119.33
	78° 43' 19"	252.2		
3295			418646.5	1201366.65
	76° 48' 2"	769.7		

3296			418822.25	1202116
	76° 51' 30"	578.5		
3297			418953.78	1202679.37
	76° 45' 42"	735.8		
3298			419122.27	1203395.59
	76° 48' 54"	590.6		
3299			419256.99	1203970.66
	76° 41' 36"	522.2		
3300			419377.18	1204478.84
	76° 44' 39"	1 342.7		
3301			419685.06	1205785.78
	76° 40' 47"	1 101.0		
3302			419938.72	1206857.15
	76° 40' 53"	36.2		
3303			419947.06	1206892.38
	346° 47' 36"	26.1		
3304			419972.5	1206886.41
	256° 53' 11"	1.8		
3305			419972.09	1206884.65
	285° 24' 44"	40.9		
3306			419982.96	1206845.22
	346° 42' 17"	12		
3307			419994.64	1206842.46
	259° 11' 39"	26.3		
3308			419989.71	1206816.63
	323° 31' 47"	523.4		
3309			420410.61	1206505.52
	324° 55' 18"	75.2		
3310			420472.17	1206462.29
	323° 54' 27"	155.6		
3311			420597.93	1206370.61
	323° 34' 59"	231.4		
3312			420784.18	1206233.21
	326° 9' 51"	182.4		
3313			420935.67	1206131.66
	325° 14' 48"	227.6		
3314			421122.71	1206001.89
	324° 59' 30"	238		
3315			421317.65	1205865.35
	325° 24' 50"	215.2		
3316			421494.81	1205743.2
	325° 48' 7"	212.8		
3317			421670.84	1205623.58
	325° 50' 40"	231.1		
3318			421862.11	1205493.81
	324° 45' 42"	130.1		
3319			421968.35	1205418.76
	324° 45' 31"	72.3		
3320			422027.43	1205377.02
	325° 44' 22"	196.9		
3321			422190.2	1205266.15
	326° 13' 58"	229.4		
3322			422380.91	1205138.64
	324° 52' 59"	149.4		
3323			422503.1	1205052.71
	324° 51' 59"	63.4		
3324			422554.97	1205016.21
	326° 24' 10"	189.7		
3325			422712.95	1204911.26
	321° 26' 9"	55.2		

3326			422756.11	1204876.85
	323° 5' 30"	167.2		
3327			422889.83	1204776.42
	319° 4' 50"	78.4		
3328			422949.07	1204725.07
	314° 48' 48"	176		
3329			423073.13	1204600.2
	314° 20' 52"	147.3		
3330			423176.06	1204494.9
	32° 37' 9"	1.8		
3331			423177.56	1204495.86
	37° 29' 3"	435		
3332			423522.77	1204760.6
	38° 50' 54"	471.6		
3333			423890.06	1205056.42
	42° 42' 11"	46.4		
3334			423924.16	1205087.89
	40° 16' 13"	52.4		
3335			423964.14	1205121.76
	37° 58' 20"	325.9		
3336			424221.01	1205322.25
	38° 0' 52"	144.4		
3337			424334.75	1205411.16
	38° 29' 25"	355.5		
3338			424613.02	1205632.43
	41° 50' 54"	37.2		
3339			424640.71	1205657.23
	39° 10' 59"	187.2		
3340			424785.81	1205775.5
	38° 32' 17"	222.7		
3341			424960.03	1205914.27
	38° 10' 4"	96.2		
3342			425035.69	1205973.74
	38° 9' 50"	28.2		
3343			425057.83	1205991.14
	38° 17' 44"	84.8		
3344			425124.38	1206043.69
	78° 29' 5"	110.6		
3345			425146.46	1206152.07
	79° 12' 5"	333.2		
3346			425208.89	1206479.39
	78° 9' 51"	74.6		
3347			425224.19	1206552.4
	77° 44' 54"	172.2		
3348			425260.73	1206720.67
	78° 12' 11"	203.1		
3349			425302.26	1206919.52
	78° 53' 54"	161.2		
3350			425333.3	1207077.71
	78° 53' 52"	232.9		
3351			425378.15	1207306.27
	78° 59' 48"	117.6		
3352			425400.59	1207421.68
	79° 31' 29"	317.6		
3353			425458.34	1207734.03
	78° 43' 52"	177		
3354			425492.92	1207907.58
	68° 6' 37"	24.1		
3355			425501.92	1207929.98
	90° 22' 38"	16.7		

3356			425501.81	1207946.68
	116° 18' 28"	247		
3357			425392.34	1208168.1
	117° 4' 7"	119.1		
3358			425338.16	1208274.12
	3° 27' 9"	100.5		
3359			425438.44	1208280.17
	0° 28' 24"	27.8		
3360			425466.28	1208280.4
	0° 27' 27"	21.3		
3361			425487.56	1208280.57
	86° 56' 50"	68		
3362			425491.18	1208348.45
	353° 2' 47"	48.5		
3363			425539.31	1208342.58
	62° 32' 36"	160.7		
3364			425613.39	1208485.15
	133° 58' 38"	27.3		
3365			425594.41	1208504.82
	121° 11' 56"	38.9		
3366			425574.28	1208538.06
	105° 33' 32"	28.1		
3367			425566.74	1208565.14
	57° 24' 50"	24.9		
3368			425580.15	1208586.12
	28° 44' 27"	30.9		
3369			425607.21	1208600.96
	61° 1' 39"	17.6		
3370			425615.72	1208616.33
	98° 7' 2"	25.6		
3371			425612.1	1208641.71
	170° 12' 4"	39.2		
3372			425573.48	1208648.38
	153° 24' 54"	25.9		
3373			425550.28	1208659.99
	106° 8' 5"	32.4		
3374			425541.28	1208691.1
	108° 32' 17"	22.8		
3375			425534.02	1208712.75
	86° 6' 14"	39.6		
3376			425536.71	1208752.25
	94° 3' 1"	44		
3377			425533.6	1208796.17
	90° 11' 41"	47		
3378			425533.44	1208843.19
	92° 43' 39"	22.7		
3379			425532.36	1208865.86
	73° 12' 14"	41.5		
3380			425544.34	1208905.55
	112° 16' 44"	29.6		
3381			425533.11	1208932.96
	132° 49' 50"	61.5		
3382			425491.33	1208978.03
	86° 0' 49"	17.3		
3383			425492.53	1208995.25
	45° 42' 41"	34.7		
3384			425516.78	1209020.11
	36° 39' 6"	32.6		
3385			425542.92	1209039.56
	36° 38' 21"	22.9		

3386			425561.26	1209053.2
	64° 53' 56"	47.8		
3387			425581.53	1209096.47
	67° 23' 15"	46.6		
3388			425599.44	1209139.47
	51° 49' 32"	13.3		
3389			425607.64	1209149.9
	48° 24' 4"	12.3		
3390			425615.79	1209159.08
	44° 51' 49"	50.5		
3391			425651.6	1209194.72
	46° 17' 41"	43.5		
3392			425681.65	1209226.16
	55° 41' 59"	36		
3393			425701.91	1209255.86
	86° 4' 32"	25.6		
3394			425703.66	1209281.37
	353° 25' 13"	147.1		
3395			425849.83	1209264.51
	353° 37' 20"	258.4		
3396			426106.6	1209235.81
	353° 7' 35"	290.9		
3397			426395.38	1209201
	347° 59' 52"	25.5		
3398			426420.31	1209195.7
	352° 29' 21"	4.1		
3399			426424.33	1209195.17
	354° 23' 38"	316.2		
3400			426739.04	1209164.28
	353° 17' 18"	224.4		
3401			426961.94	1209138.05
	352° 36' 28"	176.7		
3402			427137.22	1209115.31
	7° 57' 32"	20.4		
3403			427157.39	1209118.13
	42° 44' 40"	197.3		
3404			427302.27	1209252.03
	42° 6' 23"	350.6		
3405			427562.4	1209487.13
	41° 49' 2"	312.5		
3406			427795.33	1209695.52
	42° 5' 59"	221.9		
3407			427960	1209844.31
	42° 6' 11"	256		
3408			428149.97	1210015.98
	42° 13' 49"	184.8		
3409			428286.82	1210140.2
	41° 38' 56"	94.8		
3410			428357.69	1210203.23
	36° 57' 40"	26.3		
3411			428378.74	1210219.07
	43° 40' 9"	79.8		
3412			428436.44	1210274.15
	42° 21' 16"	95.9		
3413			428507.31	1210338.76
	42° 54' 6"	212.6		
3414			428663.07	1210483.51
	43° 45' 34"	76.8		
3415			428718.51	1210536.6
	41° 29' 46"	84.2		

3416			428781.6	1210592.41
	40° 8' 14"	124.3		
3417			428876.62	1210672.53
	36° 21' 30"	137.3		
3418			428987.21	1210753.94
	90° 27' 23"	636.1		
3419			428982.14	1211390.04
	91° 34' 49"	500.4		
3420			428968.34	1211890.21
	91° 27' 7"	393		
3421			428958.38	1212283.12
	90° 18' 41"	309.1		
3422			428956.7	1212592.19
	83° 16' 45"	43.6		
3423			428961.8	1212635.47
	350° 30' 50"	202.4		
3424			429161.45	1212602.11
	11° 7' 11"	135.9		
3425			429294.8	1212628.32
	16° 10' 31"	57.5		
3426			429350.03	1212644.34
	95° 11' 52"	14.5		
3427			429348.72	1212658.74
	86° 25' 38"	39.3		
3428			429351.17	1212697.98
	82° 34' 29"	107.7		
3429			429365.09	1212804.79
	81° 35' 25"	518.5		
3430			429440.92	1213317.71
	81° 52' 40"	761.7		
3431			429548.53	1214071.73
	81° 8' 30"	544.6		
3432			429632.39	1214609.82
	82° 23' 16"	530.2		
3433			429702.62	1215135.33
	82° 6' 58"	517.1		
3434			429773.55	1215647.56
	340° 11' 50"	310.4		
3435			430065.63	1215542.39
	342° 17' 8"	417.9		
3436			430463.76	1215415.22
	339° 51' 58"	804.3		
3437			431218.94	1215138.36
	351° 37' 58"	980.5		
3438			432188.96	1214995.69
	353° 48' 13"	476.4		
3439			432662.57	1214944.27
	354° 49' 5"	163.5		
3440			432825.44	1214929.5
	0° 8' 37"	346.8		
3441			433172.23	1214930.37
	1° 26' 47"	250.3		
3442			433422.49	1214936.69
	7° 24' 46"	748		
3443			434164.2	1215033.19
	7° 21' 41"	381.7		
3444			434542.78	1215082.1
	4° 19' 42"	266.3		
3445			434808.33	1215102.2
	1° 19' 18"	113.6		

3446			434921.88	1215104.82
	357° 41' 54"	369.8		
3447			435291.38	1215089.97
	357° 8' 30"	206.8		
3448			435497.88	1215079.66
	355° 45' 15"	231.2		
3449			435728.49	1215062.54
	357° 27' 45"	155.4		
3450			435883.74	1215055.66
	356° 59' 37"	122.8		
3451			436006.37	1215049.22
	51° 40' 43"	6.1		
3452			436010.14	1215053.99
	354° 38' 54"	150.2		
3453			436159.7	1215039.98
	355° 56' 46"	245		
3454			436404.1	1215022.66
	90° 0' 0"	3.8		
3455			436407.85	1215022.66
	355° 7' 12"	492.1		
3456			436898.14	1214980.8
	354° 29' 40"	127		
3457			437024.51	1214968.62
	354° 42' 5"	57.4		
3458			437081.66	1214963.32
	350° 48' 0"	48.1		
3459			437129.14	1214955.63
	351° 1' 38"	0.2		
3460			437129.33	1214955.6
	349° 1' 54"	188.7		
3461			437314.62	1214919.69
	349° 7' 48"	184.6		
3462			437495.9	1214884.88
	348° 56' 40"	207.9		
3463			437699.96	1214845.01
	349° 1' 30"	15.8		
3464			437715.43	1214842.01
	349° 34' 45"	0.9		
3465			437716.3	1214841.85
	349° 16' 31"	4		
3466			437720.26	1214841.1
	349° 12' 18"	20.1		
3467			437739.98	1214837.34
	349° 0' 20"	34.2		
3468			437773.54	1214830.82
	348° 59' 58"	136.5		
3469			437907.55	1214804.77
	348° 59' 23"	26.6		
3470			437933.66	1214799.69
	348° 31' 0"	20.7		
3471			437953.99	1214795.56
	348° 30' 52"	96.6		
3472			438048.68	1214776.32
	348° 30' 15"	24.8		
3473			438072.97	1214771.38
	347° 16' 58"	192.8		
3474			438261.03	1214728.94
	347° 34' 42"	12.7		
3475			438273.47	1214726.2
	347° 32' 6"	1.9		

3476			438275.37	1214725.78
	347° 34' 44"	148.1		
3477			438419.98	1214693.93
	347° 34' 53"	45.6		
3478			438464.53	1214684.12
	347° 32' 44"	6.7		
3479			438471.05	1214682.68
	37° 54' 48"	84.7		
3480			438537.84	1214734.7
	37° 54' 39"	200.4		
3481			438695.97	1214857.85
	37° 53' 56"	27.2		
3482			438717.41	1214874.54
	66° 22' 14"	1		
3483			438717.83	1214875.5
	88° 40' 5"	163.9		
3484			438721.64	1215039.38
	88° 44' 36"	217.5		
3485			438726.41	1215256.84
	88° 50' 10"	305.3		
3486			438732.61	1215562.04
	87° 7' 10"	19.1		
3487			438733.57	1215581.12
	89° 18' 54"	279.5		
3488			438736.91	1215860.57
	88° 26' 20"	245.2		
3489			438743.59	1216105.68
	88° 41' 51"	218.2		
3490			438748.55	1216323.86
	88° 41' 4"	12.6		
3491			438748.84	1216336.49
	190° 5' 42"	131.7		
3492			438619.15	1216313.4
	104° 54' 23"	8.9		
3493			438616.85	1216322.04
	76° 44' 36"	61		
3494			438630.83	1216381.38
	91° 33' 2"	44.3		
3495			438629.63	1216425.71
	74° 54' 13"	16.1		
3496			438633.83	1216441.28
	46° 45' 2"	62.5		
3497			438676.65	1216486.8
	88° 4' 1"	27.3		
3498			438677.57	1216514.06
	111° 59' 16"	73.6		
3499			438650	1216582.34
	88° 30' 34"	23.1		
3500			438650.6	1216605.4
	49° 56' 50"	17.2		
3501			438661.68	1216618.58
	40° 33' 14"	73.7		
3502			438717.68	1216666.5
	45° 54' 55"	79.2		
3503			438772.79	1216723.4
	62° 48' 49"	36.7		
3504			438789.56	1216756.05
	99° 35' 45"	19.7		
3505			438786.27	1216775.51
	183° 37' 39"	23.7		

3506			438762.61	1216774.01
	201° 39' 57"	50.3		
3507			438715.89	1216755.45
	206° 59' 46"	17.8		
3508			438700.01	1216747.36
	142° 36' 40"	6.4		
3509			438694.92	1216751.25
	87° 23' 36"	19.8		
3510			438695.82	1216771.02
	49° 7' 29"	26.5		
3511			438713.19	1216791.09
	30° 57' 24"	69.8		
3512			438773.09	1216827.02
	35° 48' 29"	51.7		
3513			438815.02	1216857.27
	45° 46' 25"	47.7		
3514			438848.26	1216891.42
	73° 47' 52"	19.3		
3515			438853.65	1216909.97
	53° 56' 5"	17.8		
3516			438864.13	1216924.36
	23° 48' 36"	25.2		
3517			438887.2	1216934.54
	46° 58' 59"	23.7		
3518			438903.37	1216951.87
	64° 30' 3"	85.6		
3519			438940.21	1217029.11
	45° 44' 24"	47.6		
3520			438973.45	1217063.22
	33° 20' 21"	67		
3521			439029.45	1217100.06
	25° 20' 52"	66.9		
3522			439089.95	1217128.72
	35° 57' 42"	27		
3523			439111.81	1217144.58
	53° 20' 54"	23.1		
3524			439125.59	1217163.1
	64° 4' 54"	50.7		
3525			439147.75	1217208.7
	58° 28' 34"	20.2		
3526			439158.3	1217225.9
	64° 35' 9"	20.9		
3527			439167.28	1217244.8
	64° 36' 45"	13.9		
3528			439173.25	1217257.38
	64° 34' 54"	18.5		
3529			439181.21	1217274.13
	58° 59' 49"	10.1		
3530			439186.39	1217282.75
	59° 0' 24"	16.6		
3531			439194.95	1217297
	59° 3' 23"	4.9		
3532			439197.45	1217301.17
	59° 0' 51"	13.4		
3533			439204.35	1217312.66
	59° 2' 10"	2.7		
3534			439205.76	1217315.01
	59° 55' 53"	17.1		
3535			439214.34	1217329.83
	59° 55' 40"	15		

3536			439221.85	1217342.8
	26° 19' 24"	35		
3537			439253.24	1217358.33
	24° 40' 36"	0.4		
3538			439253.61	1217358.5
	24° 52' 59"	10.4		
3539			439263.01	1217362.86
	309° 51' 31"	2.8		
3540			439264.78	1217360.74
	302° 53' 26"	13.7		
3541			439272.23	1217349.22
	49° 45' 40"	14.1		
3542			439281.31	1217359.95
	49° 46' 0"	21.1		
3543			439294.94	1217376.06
	40° 55' 9"	29.7		
3544			439317.39	1217395.52
	61° 11' 38"	58.4		
3545			439345.55	1217446.73
	63° 26' 32"	69		
3546			439376.39	1217508.43
	54° 30' 44"	34.6		
3547			439396.46	1217536.58
	62° 8' 29"	65.4		
3548			439427.01	1217594.38
	59° 26' 57"	86.6		
3549			439471.03	1217668.96
	60° 26' 4"	92.3		
3550			439516.56	1217749.22
	65° 43' 24"	94		
3551			439555.19	1217834.87
	51° 47' 51"	59.1		
3552			439591.73	1217881.3
	42° 55' 33"	52.8		
3553			439630.36	1217917.23
	71° 0' 12"	86.5		
3554			439658.51	1217999
	53° 37' 40"	33.8		
3555			439678.58	1218026.25
	44° 25' 33"	42.4		
3556			439708.83	1218055.9
	57° 57' 54"	66.1		
3557			439743.87	1218111.9
	69° 26' 50"	76.8		
3558			439770.82	1218183.78
	54° 2' 10"	79.6		
3559			439817.54	1218248.17
	48° 31' 6"	20		
3560			439830.82	1218263.19
	172° 17' 8"	181.1		
3561			439651.36	1218287.5
	169° 43' 58"	125		
3562			439528.36	1218309.78
	62° 15' 49"	51.2		
3563			439552.19	1218355.1
	68° 57' 59"	282.2		
3564			439653.48	1218618.51
	69° 23' 20"	37.8		
3565			439666.79	1218653.9
	68° 29' 58"	264.4		

3566			439763.71	1218899.94
	354° 2' 27"	189.3		
3567			439951.96	1218880.29
	93° 26' 14"	157.8		
3568			439942.5	1219037.78
	91° 53' 28"	273.6		
3569			439933.47	1219311.25
	54° 42' 27"	149.7		
3570			440019.94	1219433.41
	54° 24' 25"	114.8		
3571			440086.74	1219526.74
	13° 2' 21"	64.3		
3572			440149.35	1219541.24
	63° 51' 58"	117.6		
3573			440201.15	1219646.82
	56° 23' 49"	138.7		
3574			440277.93	1219762.37
	314° 19' 26"	33		
3575			440300.96	1219738.79
	262° 6' 29"	50.3		
3576			440294.05	1219688.94
	271° 12' 13"	39		
3577			440294.87	1219649.92
	282° 31' 13"	30		
3578			440301.37	1219620.65
	296° 5' 26"	30.2		
3579			440314.67	1219593.49
	316° 1' 42"	33.5		
3580			440338.77	1219570.24
	326° 49' 33"	25.3		
3581			440359.91	1219556.42
	357° 43' 2"	20.3		
3582			440380.23	1219555.61
	351° 1' 31"	31.3		
3583			440411.13	1219550.73
	355° 46' 3"	27		
3584			440438.02	1219548.74
	343° 33' 30"	49.2		
3585			440485.19	1219534.82
	308° 39' 55"	31.6		
3586			440504.93	1219510.15
	277° 15' 21"	30.4		
3587			440508.77	1219479.99
	287° 24' 48"	38.5		
3588			440520.29	1219443.26
	303° 29' 14"	44.7		
3589			440544.96	1219405.97
	318° 55' 0"	28.4		
3590			440566.34	1219387.33
	333° 43' 43"	47.1		
3591			440608.56	1219366.49
	333° 38' 19"	70.4		
3592			440671.62	1219335.24
	347° 39' 13"	38.5		
3593			440709.22	1219327.01
	322° 14' 46"	27.7		
3594			440731.16	1219310.02
	345° 36' 2"	64.3		
3595			440793.44	1219294.03
	18° 52' 11"	49.2		

3596			440839.96	1219309.93
	76° 10' 4"	80.3		
3597			440859.15	1219387.87
	64° 53' 58"	43.9		
3598			440877.78	1219427.64
	23° 4' 51"	22.4		
3599			440898.36	1219436.41
	341° 12' 9"	26.5		
3600			440923.45	1219427.87
	307° 31' 10"	19.9		
3601			440935.59	1219412.06
	301° 58' 33"	47.5		
3602			440960.73	1219371.79
	322° 34' 25"	48.6		
3603			440999.33	1219342.25
	357° 30' 56"	37.8		
3604			441037.13	1219340.61
	4° 33' 15"	16.4		
3605			441053.45	1219341.91
	319° 22' 32"	38		
3606			441082.29	1219317.17
	336° 23' 26"	37.7		
3607			441116.86	1219302.06
	329° 2' 33"	45.8		
3608			441156.17	1219278.48
	314° 2' 1"	31.4		
3609			441178.03	1219255.87
	311° 19' 31"	52.2		
3610			441212.49	1219216.68
	328° 54' 20"	44.4		
3611			441250.51	1219193.75
	346° 39' 36"	38.3		
3612			441287.79	1219184.91
	14° 8' 33"	39.2		
3613			441325.81	1219194.49
	26° 48' 38"	44.8		
3614			441365.82	1219214.71
	35° 12' 41"	18.2		
3615			441380.67	1219225.19
	7° 55' 12"	28.2		
3616			441408.56	1219229.07
	56° 2' 7"	34.2		
3617			441427.65	1219257.41
	73° 8' 29"	31		
3618			441436.65	1219287.11
	87° 49' 5"	28.6		
3619			441437.74	1219315.72
	105° 52' 32"	53.1		
3620			441423.21	1219366.81
	117° 50' 4"	84.6		
3621			441383.72	1219441.6
	127° 33' 22"	48.1		
3622			441354.41	1219479.72
	127° 17' 30"	28.5		
3623			441337.13	1219502.41
	112° 24' 5"	34.9		
3624			441323.82	1219534.7
	101° 58' 10"	31.7		
3625			441317.25	1219565.69
	98° 20' 6"	26.5		

3626			441313.41	1219591.9
	69° 19' 49"	39.6		
3627			441327.38	1219628.93
	73° 36' 46"	40.6		
3628			441338.84	1219667.9
	81° 14' 33"	31.1		
3629			441343.58	1219698.67
	58° 27' 10"	46.5		
3630			441367.91	1219738.3
	54° 12' 31"	47.8		
3631			441395.87	1219777.08
	45° 32' 27"	56.2		
3632			441435.21	1219817.17
	48° 51' 15"	14.7		
3633			441444.9	1219828.26
	58° 30' 29"	50.6		
3634			441471.34	1219871.42
	78° 36' 5"	40.6		
3635			441479.37	1219911.25
	90° 23' 15"	51.7		
3636			441479.02	1219962.97
	100° 13' 20"	47.2		
3637			441470.64	1220009.44
	110° 58' 10"	44.9		
3638			441454.57	1220051.37
	120° 53' 2"	39.5		
3639			441434.3	1220085.26
	105° 5' 51"	32.2		
3640			441425.91	1220116.36
	90° 41' 56"	49.2		
3641			441425.31	1220165.54
	71° 19' 51"	73.6		
3642			441448.86	1220235.24
	58° 0' 5"	60.9		
3643			441481.12	1220286.87
	56° 16' 27"	80.5		
3644			441525.84	1220353.86
	49° 27' 8"	44		
3645			441554.44	1220387.29
	26° 21' 8"	42.2		
3646			441592.23	1220406.01
	37° 51' 45"	36.5		
3647			441621.03	1220428.4
	47° 4' 26"	40.1		
3648			441648.31	1220457.73
	61° 37' 8"	45.4		
3649			441669.91	1220497.71
	60° 24' 49"	26.9		
3650			441683.19	1220521.1
	23° 7' 46"	54.4		
3651			441733.22	1220542.47
	57° 22' 48"	39.9		
3652			441754.75	1220576.11
	50° 30' 48"	29.7		
3653			441773.61	1220599
	125° 39' 38"	16.8		
3654			441763.83	1220612.63
	136° 4' 31"	437.4		
3655			441448.78	1220916.07
	135° 48' 40"	115.4		

3656			441366.06	1220996.48
	44° 43' 36"	1 098.6		
3657			442146.59	1221769.6
	44° 46' 34"	506.7		
3658			442506.28	1222126.49
	53° 31' 50"	274.4		
3659			442669.37	1222347.14
	6° 34' 4"	309.7		
3660			442977.01	1222382.56
	5° 51' 56"	33.1		
3661			443009.91	1222385.94
	6° 6' 52"	823		
3662			443828.27	1222473.61
	359° 20' 37"	27.9		
3663			443856.21	1222473.29
	6° 31' 53"	1 009.7		
3664			444859.32	1222588.14
	86° 20' 11"	268.6		
3665			444876.48	1222856.16
	86° 20' 6"	265.3		
3666			444893.44	1223120.94
	75° 11' 4"	93.3		
3667			444917.29	1223211.11
	70° 13' 52"	80.8		
3668			444944.63	1223287.18
	46° 58' 17"	23.8		
3669			444960.9	1223304.61
	41° 50' 40"	47.8		
3670			444996.5	1223336.49
	53° 19' 43"	80.2		
3671			445044.37	1223400.78
	45° 32' 7"	65.8		
3672			445090.49	1223447.77
	43° 24' 22"	17.8		
3673			445103.42	1223460
	31° 28' 31"	33.8		
3674			445132.25	1223477.65
	52° 55' 23"	18.8		
3675			445143.6	1223492.67
	56° 56' 42"	26.3		
3676			445157.93	1223514.69
	47° 11' 8"	26		
3677			445175.57	1223533.73
	32° 51' 40"	27		
3678			445198.28	1223548.4
	23° 22' 2"	39.2		
3679			445234.27	1223563.95
	18° 26' 37"	41.4		
3680			445273.58	1223577.06
	8° 30' 16"	26		
3681			445299.26	1223580.9
	13° 42' 11"	22.1		
3682			445320.75	1223586.14
	32° 2' 13"	28.7		
3683			445345.04	1223601.34
	60° 11' 15"	17.9		
3684			445353.95	1223616.89
	60° 59' 37"	18.4		
3685			445362.86	1223632.96
	52° 24' 58"	27.8		

3686			445379.8	1223654.97
	33° 25' 27"	20.9		
3687			445397.27	1223666.5
	14° 53' 0"	17.7		
3688			445414.39	1223671.05
	11° 29' 45"	209.5		
3689			445619.67	1223712.8
	4° 38' 10"	79.9		
3690			445699.33	1223719.26
	6° 37' 27"	24.3		
3691			445723.44	1223722.06
	17° 17' 56"	22.3		
3692			445744.76	1223728.7
	43° 12' 4"	86.5		
3693			445807.82	1223787.92
	37° 52' 35"	91.6		
3694			445880.15	1223844.18
	36° 19' 38"	82		
3695			445946.19	1223892.74
	25° 44' 14"	32.2		
3696			445975.19	1223906.72
	7° 47' 24"	25.7		
3697			446000.7	1223910.21
	345° 15' 47"	52		
3698			446050.96	1223896.99
	317° 29' 39"	7.3		
3699			446056.35	1223892.05
	331° 3' 42"	32.5		
3700			446084.8	1223876.32
	330° 59' 12"	29.6		
3701			446110.71	1223861.95
	316° 18' 16"	13.7		
3702			446120.59	1223852.51
	306° 51' 19"	24		
3703			446134.96	1223833.34
	315° 58' 19"	12.9		
3704			446144.25	1223824.36
	323° 15' 43"	14.8		
3705			446156.08	1223815.53
	332° 21' 28"	18.1		
3706			446172.1	1223807.14
	313° 44' 35"	14.5		
3707			446182.13	1223796.66
	307° 44' 0"	14.2		
3708			446190.82	1223785.43
	288° 15' 41"	16.7		
3709			446196.06	1223769.55
	293° 11' 33"	12.5		
3710			446201	1223758.02
	311° 37' 39"	16.2		
3711			446211.78	1223745.89
	320° 24' 48"	15.7		
3712			446223.91	1223735.86
	308° 34' 42"	13.2		
3713			446232.15	1223725.53
	299° 25' 56"	13.4		
3714			446238.74	1223713.85
	296° 7' 55"	18.3		
3715			446246.82	1223697.38
	277° 16' 21"	15.4		

3716			446248.77	1223682.1
	272° 5' 10"	49.4		
3717			446250.57	1223632.69
	280° 47' 17"	13.6		
3718			446253.11	1223619.36
	284° 22' 14"	13.3		
3719			446256.41	1223606.48
	311° 51' 28"	15.5		
3720			446266.74	1223594.95
	318° 49' 10"	19.1		
3721			446281.12	1223582.37
	340° 9' 1"	49.8		
3722			446327.99	1223565.45
	322° 55' 10"	16.9		
3723			446341.46	1223555.27
	302° 14' 24"	23		
3724			446353.74	1223535.8
	296° 58' 51"	37		
3725			446370.51	1223502.86
	305° 57' 17"	20.9		
3726			446382.79	1223485.93
	315° 1' 23"	17.6		
3727			446395.22	1223473.51
	325° 28' 52"	17.5		
3728			446409.6	1223463.62
	334° 7' 5"	28.1		
3729			446434.91	1223451.34
	340° 52' 39"	27.4		
3730			446460.81	1223442.36
	344° 11' 6"	18.7		
3731			446478.78	1223437.27
	343° 58' 0"	38.5		
3732			446515.77	1223426.64
	335° 20' 30"	21.9		
3733			446535.68	1223417.5
	326° 18' 55"	28.6		
3734			446559.49	1223401.63
	321° 30' 56"	38.3		
3735			446589.44	1223377.82
	309° 51' 10"	20.1		
3736			446602.32	1223362.39
	313° 4' 15"	25		
3737			446619.39	1223344.13
	312° 15' 1"	39.7		
3738			446646.05	1223314.78
	328° 21' 12"	19.3		
3739			446662.47	1223304.66
	69° 6' 10"	156.6		
3740			446718.32	1223450.94
	323° 2' 40"	16.1		
3741			446731.16	1223441.28
	347° 15' 51"	32.2		
3742			446762.53	1223434.19
	355° 58' 17"	62.1		
3743			446824.44	1223429.83
	350° 36' 43"	41.7		
3744			446865.63	1223423.02
	349° 58' 14"	26.6		
3745			446891.81	1223418.39
	300° 17' 20"	11.4		

3746			446897.54	1223408.58
	301° 53' 59"	50.1		
3747			446924	1223366.07
	314° 17' 36"	45.3		
3748			446955.64	1223333.64
	321° 3' 6"	45.9		
3749			446991.37	1223304.76
	335° 15' 38"	34.5		
3750			447022.73	1223290.31
	346° 29' 58"	58.3		
3751			447079.46	1223276.69
	352° 10' 23"	38.5		
3752			447117.58	1223271.45
	13° 13' 3"	30		
3753			447146.83	1223278.32
	27° 54' 21"	23.9		
3754			447167.94	1223289.5
	37° 54' 42"	53.1		
3755			447209.85	1223322.14
	52° 28' 34"	21		
3756			447222.66	1223338.82
	72° 15' 48"	62		
3757			447241.55	1223397.88
	76° 36' 5"	17.7		
3758			447245.64	1223415.05
	66° 59' 18"	31.4		
3759			447257.91	1223443.94
	63° 23' 17"	16.5		
3760			447265.28	1223458.65
	56° 27' 1"	27.1		
3761			447280.28	1223481.27
	305° 12' 10"	11.3		
3762			447286.82	1223472
	90° 0' 0"	33.2		
3763			447286.82	1223438.76
	281° 7' 19"	15.6		
3764			447289.82	1223423.5
	287° 18' 22"	12.8		
3765			447293.64	1223411.24
	295° 36' 39"	14.5		
3766			447299.91	1223398.16
	311° 13' 23"	11.6		
3767			447307.55	1223389.44
	320° 51' 2"	9.5		
3768			447314.92	1223383.44
	336° 58' 35"	25.8		
3769			447338.64	1223373.36
	357° 12' 37"	22.4		
3770			447361.01	1223372.27
	17° 43' 34"	21.5		
3771			447381.47	1223378.81
	28° 20' 28"	54.5		
3772			447429.47	1223404.7
	36° 28' 10"	58.7		
3773			447476.66	1223439.58
	43° 32' 20"	53.8		
3774			447515.66	1223476.64
	41° 56' 8"	54.6		
3775			447556.3	1223513.15
	50° 0' 22"	48.4		

3776			447587.39	1223550.21
	67° 47' 6"	36.8		
3777			447601.3	1223584.27
	66° 44' 34"	56.7		
3778			447623.67	1223636.32
	93° 30' 53"	13.4		
3779			447622.85	1223649.67
	70° 21' 55"	58.4		
3780			447642.49	1223704.72
	77° 59' 40"	35.4		
3781			447649.85	1223739.33
	77° 51' 51"	11.7		
3782			447652.31	1223750.77
	94° 7' 51"	34.1		
3783			447649.85	1223784.83
	102° 4' 32"	44.3		
3784			447640.58	1223828.16
	114° 13' 52"	38.5		
3785			447624.76	1223863.31
	84° 40' 15"	29.3		
3786			447627.48	1223892.47
	69° 29' 38"	24.2		
3787			447635.94	1223915.09
	47° 16' 7"	19.3		
3788			447649.03	1223929.26
	41° 9' 12"	11.6		
3789			447657.76	1223936.89
	11° 58' 54"	9.2		
3790			447666.76	1223938.8
	342° 48' 41"	15.7		
3791			447681.76	1223934.16
	337° 23' 22"	18.9		
3792			447699.24	1223926.88
	344° 47' 1"	15.5		
3793			447714.24	1223922.8
	322° 54' 13"	12.7		
3794			447724.33	1223915.17
	346° 57' 44"	23		
3795			447746.7	1223909.99
	357° 15' 8"	11.5		
3796			447758.16	1223909.44
	25° 11' 21"	20.5		
3797			447776.7	1223918.16
	25° 50' 51"	20		
3798			447794.7	1223926.88
	33° 53' 59"	37.1		
3799			447825.52	1223947.59
	56° 21' 22"	48.2		
3800			447852.2	1223987.68
	69° 43' 19"	93.8		
3801			447884.71	1224075.67
	69° 18' 6"	57.1		
3802			447904.89	1224129.08
	77° 22' 23"	39.9		
3803			447913.62	1224168.05
	88° 51' 21"	19		
3804			447914	1224187.08
	65° 51' 10"	33.1		
3805			447927.53	1224217.26
	58° 0' 36"	50.9		

3806			447954.47	1224260.39
	57° 39' 41"	96.3		
3807			448005.98	1224341.75
	52° 9' 26"	20.3		
3808			448018.41	1224357.75
	63° 1' 24"	19.9		
3809			448027.45	1224375.51
	82° 52' 52"	11.3		
3810			448028.85	1224386.72
	87° 20' 56"	13.4		
3811			448029.47	1224400.11
	102° 37' 34"	12.1		
3812			448026.82	1224411.94
	130° 50' 59"	15.2		
3813			448016.85	1224423.47
	152° 25' 2"	11.1		
3814			448007.03	1224428.6
	165° 50' 24"	19.1		
3815			447988.48	1224433.28
	177° 46' 1"	8		
3816			447980.53	1224433.59
	182° 35' 24"	16.8		
3817			447963.73	1224432.83
	171° 57' 38"	13.4		
3818			447950.49	1224434.7
	178° 57' 34"	8.3		
3819			447942.23	1224434.85
	185° 29' 47"	35.7		
3820			447906.69	1224431.43
	161° 49' 59"	11.5		
3821			447895.78	1224435.01
	162° 55' 7"	25.4		
3822			447871.47	1224442.48
	173° 2' 26"	19.3		
3823			447852.3	1224444.82
	187° 36' 52"	9.4		
3824			447842.95	1224443.57
	194° 45' 53"	17.7		
3825			447825.8	1224439.05
	168° 52' 28"	7.3		
3826			447818.63	1224440.46
	133° 25' 24"	11.6		
3827			447810.68	1224448.86
	103° 39' 52"	11.2		
3828			447808.03	1224459.76
	73° 44' 14"	8.9		
3829			447810.53	1224468.33
	55° 2' 7"	12		
3830			447817.39	1224478.14
	47° 28' 40"	15.2		
3831			447827.67	1224489.35
	24° 47' 33"	13.7		
3832			447840.14	1224495.11
	0° 50' 24"	10.9		
3833			447851.05	1224495.27
	342° 32' 50"	11.4		
3834			447861.96	1224491.84
	358° 59' 15"	26		
3835			447887.99	1224491.38
	27° 3' 12"	7.9		

3836			447895	1224494.96
	29° 43' 40"	12.6		
3837			447905.91	1224501.19
	31° 42' 35"	16.9		
3838			447920.25	1224510.05
	42° 38' 14"	21.6		
3839			447936.15	1224524.69
	31° 22' 59"	14.1		
3840			447948.15	1224532.01
	18° 24' 19"	12.3		
3841			447959.84	1224535.9
	3° 4' 50"	5.8		
3842			447965.6	1224536.21
	334° 58' 13"	5.5		
3843			447970.59	1224533.88
	320° 23' 13"	13		
3844			447980.57	1224525.62
	336° 34' 47"	10.2		
3845			447989.92	1224521.57
	90° 0' 0"	4.2		
3846			447994.13	1224521.57
	1° 1' 56"	8.9		
3847			448003.01	1224521.73
	6° 9' 9"	4.4		
3848			448007.37	1224522.2
	40° 22' 43"	9.2		
3849			448014.39	1224528.17
	0° 45' 23"	20.5		
3850			448034.84	1224528.44
	6° 9' 56"	10.1		
3851			448044.93	1224529.53
	30° 40' 58"	20.3		
3852			448062.39	1224539.89
	39° 22' 15"	19.8		
3853			448077.66	1224552.42
	58° 45' 55"	21		
3854			448088.57	1224570.41
	79° 25' 17"	28.3		
3855			448093.76	1224598.2
	71° 47' 25"	41		
3856			448106.58	1224637.17
	73° 34' 23"	27		
3857			448114.21	1224663.05
	74° 2' 35"	13.9		
3858			448118.03	1224676.41
	92° 3' 5"	22.9		
3859			448117.21	1224699.3
	119° 40' 32"	22.6		
3860			448106.03	1224718.92
	117° 7' 58"	25.7		
3861			448094.3	1224741.81
	120° 24' 1"	18.3		
3862			448085.03	1224757.61
	134° 21' 14"	49.6		
3863			448050.39	1224793.04
	147° 51' 58"	31.2		
3864			448023.93	1224809.66
	164° 48' 14"	22.9		
3865			448001.84	1224815.66
	155° 11' 16"	16.2		

3866			447987.11	1224822.47
	148° 51' 59"	41.1		
3867			447951.93	1224843.72
	144° 8' 34"	38.6		
3868			447920.66	1224866.32
	140° 12' 41"	29.8		
3869			447897.75	1224885.4
	122° 31' 57"	36.5		
3870			447878.11	1224916.19
	112° 49' 15"	37.3		
3871			447863.66	1224950.53
	94° 19' 0"	14.5		
3872			447862.57	1224964.97
	112° 2' 38"	27.6		
3873			447852.2	1224990.58
	99° 59' 46"	14.1		
3874			447849.75	1225004.48
	78° 24' 37"	10.9		
3875			447851.93	1225015.11
	47° 39' 0"	8.1		
3876			447857.39	1225021.1
	335° 51' 46"	8.7		
3877			447865.29	1225017.56
	325° 23' 25"	32.1		
3878			447891.75	1224999.3
	314° 15' 26"	28.9		
3879			447911.93	1224978.59
	317° 56' 53"	19.1		
3880			447926.12	1224965.79
	308° 48' 5"	19.6		
3881			447938.39	1224950.53
	309° 51' 26"	8.5		
3882			447943.85	1224943.99
	322° 7' 46"	21.8		
3883			447961.03	1224930.63
	327° 44' 12"	12.3		
3884			447971.39	1224924.09
	330° 7' 30"	10.4		
3885			447980.39	1224918.92
	334° 38' 22"	5.7		
3886			447985.58	1224916.46
	4° 0' 8"	11.7		
3887			447997.3	1224917.28
	10° 38' 22"	8.9		
3888			448006.03	1224918.92
	19° 24' 19"	14.7		
3889			448019.94	1224923.82
	36° 51' 21"	8.2		
3890			448026.49	1224928.73
	50° 44' 35"	17.2		
3891			448037.4	1224942.08
	67° 25' 9"	38.4		
3892			448052.13	1224977.5
	77° 53' 35"	46.8		
3893			448061.95	1225023.28
	95° 15' 0"	29.8		
3894			448059.22	1225052.99
	105° 25' 33"	44.1		
3895			448047.49	1225095.5
	115° 29' 27"	83		

3896			448011.76	1225170.44
	107° 4' 17"	22.9		
3897			448005.05	1225192.29
	106° 42' 52"	14.2		
3898			448000.96	1225205.91
	89° 13' 59"	20.2		
3899			448001.23	1225226.08
	81° 35' 17"	65.3		
3900			448010.78	1225290.66
	71° 17' 5"	73.1		
3901			448034.23	1225359.88
	72° 28' 44"	122.3		
3902			448071.05	1225476.51
	69° 15' 52"	136.4		
3903			448119.33	1225604.04
	69° 18' 5"	74.9		
3904			448145.79	1225674.07
	71° 27' 33"	51.5		
3905			448162.15	1225722.85
	65° 21' 37"	39.3		
3906			448178.52	1225758.54
	38° 59' 58"	7.4		
3907			448184.25	1225763.18
	289° 36' 55"	25.2		
3908			448192.7	1225739.47
	281° 6' 55"	28.3		
3909			448198.16	1225711.68
	283° 35' 54"	33.6		
3910			448206.07	1225678.98
	284° 13' 40"	18.8		
3911			448210.7	1225660.72
	288° 28' 27"	13.8		
3912			448215.07	1225647.64
	278° 8' 20"	27		
3913			448218.89	1225620.93
	275° 50' 0"	24.1		
3914			448221.34	1225596.95
	271° 46' 43"	17.7		
3915			448221.89	1225579.24
	262° 20' 59"	26.7		
3916			448218.34	1225552.81
	252° 9' 14"	32.9		
3917			448208.25	1225521.47
	242° 14' 35"	95.5		
3918			448163.79	1225436.99
	236° 45' 46"	54.7		
3919			448133.79	1225391.21
	249° 18' 11"	48.6		
3920			448116.6	1225345.71
	257° 34' 57"	27.9		
3921			448110.6	1225318.46
	267° 3' 54"	21.3		
3922			448109.51	1225297.2
	271° 6' 46"	13.9		
3923			448109.78	1225283.3
	286° 13' 0"	26.4		
3924			448117.15	1225257.96
	286° 4' 17"	18.7		
3925			448122.33	1225239.98
	314° 14' 55"	42.6		

3926			448152.06	1225209.46
	320° 53' 37"	47.1		
3927			448188.61	1225179.75
	329° 9' 38"	26		
3928			448210.97	1225166.4
	343° 36' 42"	51.2		
3929			448260.07	1225151.96
	346° 27' 46"	37.9		
3930			448296.87	1225143.1
	332° 51' 20"	11.9		
3931			448307.5	1225137.65
	315° 1' 58"	12.3		
3932			448316.23	1225128.93
	280° 46' 46"	11.7		
3933			448318.41	1225117.48
	270° 53' 31"	18		
3934			448318.69	1225099.5
	252° 52' 35"	22.2		
3935			448312.14	1225078.24
	250° 34' 14"	55.8		
3936			448293.59	1225025.65
	259° 48' 35"	13.8		
3937			448291.14	1225012.02
	278° 8' 31"	13.5		
3938			448293.05	1224998.67
	297° 14' 1"	10.7		
3939			448297.96	1224989.13
	319° 33' 43"	12.2		
3940			448307.23	1224981.23
	20° 32' 6"	25.6		
3941			448331.23	1224990.22
	32° 24' 11"	16.8		
3942			448345.41	1224999.22
	48° 24' 24"	35.3		
3943			448368.87	1225025.65
	53° 59' 4"	56.6		
3944			448402.15	1225071.43
	55° 3' 1"	20.9		
3945			448414.15	1225088.6
	40° 40' 25"	15.5		
3946			448425.88	1225098.68
	3° 7' 44"	15		
3947			448440.88	1225099.5
	343° 54' 38"	14.8		
3948			448455.06	1225095.41
	342° 16' 25"	14.3		
3949			448468.7	1225091.05
	352° 17' 2"	16.2		
3950			448484.79	1225088.87
	8° 27' 20"	20.4		
3951			448504.97	1225091.87
	21° 30' 17"	41.6		
3952			448543.7	1225107.13
	29° 35' 37"	16		
3953			448557.61	1225115.03
	31° 34' 17"	16.7		
3954			448571.8	1225123.75
	50° 41' 46"	31		
3955			448591.43	1225147.73
	52° 34' 57"	24.7		

3956			448606.44	1225167.35
	74° 5' 58"	36.8		
3957			448616.53	1225202.77
	72° 12' 21"	67.8		
3958			448637.26	1225267.36
	62° 39' 50"	27.9		
3959			448650.08	1225292.16
	79° 9' 19"	39.1		
3960			448657.44	1225330.58
	77° 56' 9"	37.7		
3961			448665.32	1225367.45
	61° 54' 49"	37.1		
3962			448682.77	1225400.15
	60° 22' 6"	27.6		
3963			448696.41	1225424.13
	44° 36' 19"	29.8		
3964			448717.61	1225445.04
	326° 57' 32"	66.1		
3965			448773.02	1225409
	119° 34' 0"	67.4		
1			448840.44	1225408.38
3966			437228.49	1236702.34
	353° 54' 14"	19.7		
3967			437248.06	1236700.25
	356° 57' 8"	453.5		
3968			437700.89	1236676.14
	333° 42' 34"	97		
3969			437787.89	1236633.16
	322° 44' 20"	112		
3970			437876.99	1236565.38
	322° 4' 1"	154.6		
3971			437998.93	1236470.34
	338° 50' 41"	74.6		
3972			438068.47	1236443.43
	344° 5' 21"	90.5		
3973			438155.47	1236418.63
	340° 2' 24"	133.1		
3974			438280.56	1236373.2
	340° 31' 10"	187.5		
3975			438457.36	1236310.66
	339° 30' 33"	104.8		
3976			438555.54	1236273.97
	71° 25' 55"	45		
3977			438569.86	1236316.6
	53° 7' 16"	38.4		
3978			438592.93	1236347.35
	49° 42' 40"	84.3		
3979			438647.43	1236411.64
	45° 59' 3"	129.2		
3980			438737.23	1236504.58

	47° 33' 43"	138.3		
3981			438830.52	1236606.61
	47° 14' 9"	253.2		
3982			439002.43	1236792.49
	48° 26' 9"	189.6		
3983			439128.22	1236934.35
	44° 5' 30"	197.6		
3984			439270.16	1237071.86
	45° 42' 45"	88.1		
3985			439331.7	1237134.95
	47° 17' 56"	308.5		
3986			439540.91	1237361.66
	45° 20' 49"	176.2		
3987			439664.76	1237487.02
	55° 24' 48"	28		
3988			439680.66	1237510.08
	67° 49' 19"	27.1		
3989			439690.9	1237535.2
	87° 25' 49"	29.2		
3990			439692.21	1237564.39
	150° 43' 44"	311		
3991			439420.92	1237716.45
	147° 52' 19"	891.3		
3992			438666.15	1238190.43
	225° 46' 53"	109.4		
3993			438589.87	1238112.04
	233° 33' 47"	78.8		
3994			438543.05	1238048.62
	224° 20' 18"	43.5		
3995			438511.95	1238018.23
	204° 14' 27"	134.9		
3996			438388.96	1237962.85
	115° 10' 41"	51.7		
3997			438366.95	1238009.67
	143° 24' 3"	60.9		
3998			438318.03	1238046
	168° 18' 33"	186.3		
3999			438135.64	1238083.74
	157° 51' 40"	120.5		
4000			438024	1238129.16
	213° 35' 48"	105.7		
4001			437935.94	1238070.66
	123° 35' 45"	33.8		
4002			437917.24	1238098.81
	124° 39' 11"	821.1		
4003			437450.36	1238774.25

	213° 37' 54"	265.1		
4004			437229.63	1238627.42
	214° 1' 31"	818.2		
4005			436551.53	1238169.6
	303° 55' 20"	16.4		
4006			436560.69	1238155.98
	228° 43' 51"	63.6		
4007			436518.76	1238108.2
	90° 0' 0"	29.5		
4008			436518.76	1238078.67
	309° 43' 23"	24.1		
4009			436534.14	1238060.16
	295° 41' 26"	51.6		
4010			436556.5	1238013.68
	29° 28' 20"	75.6		
4011			436622.36	1238050.9
	304° 5' 25"	270.2		
4012			436773.83	1237827.1
	210° 17' 7"	110.8		
4013			436678.13	1237771.21
	296° 49' 19"	111		
4014			436844.52	1237442.13
	306° 3' 40"	31		
4015			436862.79	1237417.04
	280° 52' 44"	53.5		
4016			436872.88	1237364.54
	298° 21' 33"	323.7		
4017			437026.62	1237079.72
	303° 38' 42"	60.2		
4018			437059.99	1237029.58
	298° 52' 39"	350.5		
4019			437229.28	1236722.63
	315° 44' 31"	20.3		
3966			437228.49	1236702.34
4020			439750.26	1236345.2
	320° 1' 0"	67.4		
4021			439801.87	1236301.92
	317° 16' 32"	566.5		
4022			440218.02	1235917.58
	55° 56' 18"	209.6		
4023			440335.42	1236091.23
	53° 31' 12"	256.8		
4024			440488.11	1236297.73
	51° 5' 0"	279.8		
4025			440663.86	1236515.41

	49° 48' 19"	20.2		
4026			440676.88	1236530.82
	39° 17' 21"	5.4		
4027			440681.06	1236534.24
	50° 36' 30"	143		
4028			440771.79	1236644.73
	49° 12' 9"	601		
4029			441164.5	1237099.73
	72° 34' 28"	4.3		
4030			441165.79	1237103.84
	49° 34' 32"	554.3		
4031			441525.19	1237525.77
	152° 44' 58"	27.7		
4032			441500.59	1237538.44
	126° 8' 27"	81.1		
4033			441452.74	1237603.96
	146° 40' 14"	62.6		
4034			441400.46	1237638.34
	129° 55' 38"	79.5		
4035			441349.44	1237699.3
	178° 39' 9"	61.2		
4036			441288.21	1237700.74
	142° 15' 23"	36.3		
4037			441259.48	1237722.98
	172° 14' 18"	22		
4038			441237.69	1237725.95
	145° 11' 42"	41.9		
4039			441203.28	1237749.87
	181° 54' 17"	17.4		
4040			441185.84	1237749.29
	225° 39' 40"	14.1		
4041			441175.99	1237739.21
	265° 17' 41"	43.9		
4042			441172.39	1237695.47
	239° 38' 28"	10.9		
4043			441166.89	1237686.08
	220° 3' 57"	13.2		
4044			441156.76	1237677.56
	253° 52' 1"	65.5		
4045			441138.56	1237614.64
	236° 25' 35"	6.8		
4046			441134.79	1237608.96
	142° 8' 49"	4.5		
4047			441131.2	1237611.75
	82° 15' 32"	26.7		
4048			441134.79	1237638.16

	73° 28' 27"	57.9		
4049			441151.26	1237693.67
	98° 34' 41"	31.1		
4050			441146.62	1237724.43
	135° 6' 8"	19.8		
4051			441132.59	1237738.41
	177° 21' 24"	42.3		
4052			441090.35	1237740.36
	204° 44' 13"	24.1		
4053			441068.45	1237730.27
	249° 39' 32"	45.8		
4054			441052.52	1237687.3
	119° 21' 39"	9.4		
4055			441047.89	1237695.53
	82° 16' 44"	41.4		
4056			441053.45	1237736.54
	37° 1' 0"	14.8		
4057			441065.28	1237745.46
	14° 7' 55"	55.1		
4058			441118.7	1237758.91
	52° 43' 58"	17		
4059			441129.01	1237772.46
	96° 57' 38"	54		
4060			441122.46	1237826.11
	112° 5' 2"	18.8		
4061			441115.38	1237843.56
	131° 15' 36"	23.2		
4062			441100.08	1237861
	178° 38' 13"	24.4		
4063			441075.7	1237861.58
	142° 56' 10"	7.7		
4064			441069.57	1237866.21
	75° 24' 53"	37.7		
4065			441079.07	1237902.72
	114° 13' 30"	102.5		
4066			441037	1237996.22
	113° 43' 12"	83.8		
4067			441003.29	1238072.94
	163° 13' 13"	20.5		
4068			440983.69	1238078.85
	137° 46' 14"	103.3		
4069			440907.22	1238148.26
	171° 10' 36"	39.6		
4070			440868.05	1238154.34
	195° 25' 24"	39.7		
4071			440829.81	1238143.79

	223° 36' 20"	35.5		
4072			440804.14	1238119.34
	243° 51' 9"	64.4		
4073			440775.75	1238061.51
	209° 53' 1"	13.8		
4074			440763.76	1238054.62
	157° 38' 56"	8.5		
4075			440755.88	1238057.86
	109° 16' 35"	14		
4076			440751.26	1238071.07
	84° 43' 47"	87		
4077			440759.25	1238157.69
	90° 22' 36"	60.8		
4078			440758.85	1238218.53
	119° 8' 14"	21.5		
4079			440748.37	1238237.33
	165° 35' 6"	52.1		
4080			440697.91	1238250.3
	174° 0' 1"	9.5		
4081			440688.49	1238251.29
	207° 22' 16"	5.7		
4082			440683.41	1238248.66
	129° 47' 14"	4		
4083			440680.82	1238251.77
	213° 41' 24"	0		
4084			440680.79	1238251.75
	141° 43' 25"	37.6		
4085			440651.3	1238275.02
	156° 22' 35"	34		
4086			440620.16	1238288.64
	154° 47' 48"	30.9		
4087			440592.24	1238301.78
	162° 26' 45"	19.1		
4088			440574	1238307.55
	184° 12' 57"	40.7		
4089			440533.44	1238304.56
	182° 56' 3"	122.3		
4090			440411.31	1238298.3
	209° 58' 32"	22.8		
4091			440391.58	1238286.92
	173° 0' 37"	27.3		
4092			440364.5	1238290.24
	164° 2' 8"	29.3		
4093			440336.36	1238298.29
	125° 0' 8"	13.6		
4094			440328.58	1238309.4

	162° 49' 45"	32.2		
4095			440297.77	1238318.92
	143° 58' 9"	25.7		
4096			440277.01	1238334.02
	122° 41' 58"	9.6		
4097			440271.81	1238342.12
	235° 7' 7"	11.9		
4098			440265.02	1238332.38
	230° 38' 10"	35.9		
4099			440242.28	1238304.66
	303° 14' 35"	16		
4100			440251.05	1238291.28
	317° 11' 12"	20.6		
4101			440266.14	1238277.3
	47° 39' 47"	29.4		
4102			440285.92	1238299.01
	317° 25' 56"	62.8		
4103			440332.18	1238256.52
	227° 47' 51"	40.6		
4104			440304.93	1238226.47
	320° 38' 56"	45.2		
4105			440339.87	1238197.82
	44° 51' 36"	49.3		
4106			440374.81	1238232.59
	311° 40' 53"	76.3		
4107			440425.58	1238175.57
	316° 29' 57"	34.6		
4108			440450.67	1238151.76
	310° 41' 29"	75		
4109			440499.58	1238094.88
	302° 48' 55"	53.2		
4110			440528.43	1238050.14
	317° 37' 15"	4		
4111			440531.4	1238047.43
	234° 38' 13"	176.1		
4112			440429.51	1237903.86
	250° 13' 17"	52.6		
4113			440411.71	1237854.36
	261° 37' 39"	23.4		
4114			440408.3	1237831.19
	260° 59' 42"	1.9		
4115			440408.01	1237829.36
	261° 34' 6"	49.7		
4116			440400.72	1237780.18
	256° 4' 25"	16.4		
4117			440396.77	1237764.25

	235° 26' 43"	17.3		
4118			440386.97	1237750.02
	225° 0' 0"	0.8		
4119			440386.43	1237749.48
	202° 54' 20"	0.8		
4120			440385.72	1237749.18
	191° 47' 50"	391.6		
4121			440002.41	1237669.12
	192° 8' 26"	262.8		
4122			439745.49	1237613.85
	222° 54' 3"	8.1		
4123			439739.55	1237608.33
	234° 30' 44"	61.3		
4124			439703.98	1237558.44
	234° 6' 26"	3.8		
4125			439701.78	1237555.4
	267° 20' 13"	22.4		
4126			439700.74	1237533.04
	247° 53' 59"	29.9		
4127			439689.48	1237505.31
	235° 26' 24"	30		
4128			439672.48	1237480.63
	225° 21' 1"	176.9		
4129			439548.14	1237354.76
	227° 20' 48"	174.4		
4130			439429.96	1237226.48
	309° 11' 51"	18.5		
4131			439441.63	1237212.17
	301° 40' 16"	25.3		
4132			439454.9	1237190.66
	279° 19' 11"	33		
4133			439460.25	1237158.06
	242° 41' 37"	29.7		
4134			439446.61	1237131.64
	236° 7' 18"	32.1		
4135			439428.71	1237104.98
	264° 56' 53"	55.3		
4136			439423.84	1237049.89
	316° 32' 13"	392		
4137			439708.37	1236780.23
	350° 13' 52"	71		
4138			439778.36	1236768.18
	332° 20' 48"	16.5		
4139			439792.96	1236760.53
	308° 21' 48"	14.2		
4140			439801.77	1236749.4

	272° 23' 44"	61		
4141			439804.32	1236688.45
	316° 43' 1"	188.8		
4142			439941.75	1236559.02
	228° 1' 49"	269.3		
4143			439761.69	1236358.83
	136° 3' 41"	17.79		
4020			439750.26	1236345.2
4144			435370.98	1240589.8
	279° 44' 14"	178.1		
4145			435401.11	1240414.22
	342° 17' 45"	18.8		
4146			435419.06	1240408.49
	279° 27' 33"	119.7		
4147			435438.74	1240290.37
	325° 45' 1"	19.6		
4148			435454.94	1240279.34
	283° 12' 39"	23.2		
4149			435460.25	1240256.72
	276° 18' 21"	16.7		
4150			435462.08	1240240.16
	228° 1' 40"	11.2		
4151			435454.56	1240231.8
	274° 4' 14"	16.5		
4152			435455.73	1240215.36
	292° 51' 44"	14.5		
4153			435461.38	1240201.96
	324° 42' 22"	15.6		
4154			435474.08	1240192.97
	344° 51' 39"	26.8		
4155			435499.99	1240185.96
	2° 41' 0"	31.2		
4156			435531.14	1240187.42
	334° 15' 49"	78.2		
4157			435601.61	1240153.45
	356° 43' 24"	40.8		
4158			435642.31	1240151.12
	348° 30' 19"	43.2		
4159			435684.65	1240142.51
	336° 22' 17"	37.8		
4160			435719.28	1240127.36
	300° 43' 35"	31.1		
4161			435735.15	1240100.66
	277° 1' 58"	84.9		
4162			435745.54	1240016.44

	302° 5' 59"	34.1		
4163			435763.65	1239987.57
	325° 51' 45"	40.1		
4164			435796.88	1239965.04
	334° 51' 39"	45.1		
4165			435837.71	1239945.88
	343° 21' 31"	23.6		
4166			435860.36	1239939.11
	0° 31' 46"	37.9		
4167			435898.22	1239939.46
	43° 6' 41"	62		
4168			435943.49	1239981.84
	61° 34' 0"	66		
4169			435974.91	1240039.87
	96° 54' 37"	92		
4170			435963.84	1240131.21
	67° 2' 1"	115.6		
4171			436008.96	1240237.68
	86° 41' 30"	113.3		
4172			436015.5	1240350.82
	116° 16' 45"	113		
4173			435965.47	1240452.14
	84° 35' 25"	89		
4174			435973.86	1240540.74
	65° 43' 7"	113		
4175			436020.33	1240643.75
	47° 14' 46"	35		
4176			436044.09	1240669.45
	31° 25' 53"	29		
4177			436068.83	1240684.57
	109° 35' 40"	30		
4178			436058.77	1240712.83
	30° 3' 53"	113.5		
4179			436156.98	1240769.68
	43° 5' 37"	115		
4180			436240.96	1240848.25
	17° 15' 43"	74		
4181			436311.63	1240870.21
	0° 56' 10"	112		
4182			436423.62	1240872.04
	46° 3' 56"	27		
4183			436442.35	1240891.48
	16° 6' 55"	91.7		
4184			436530.4	1240916.92
	72° 53' 12"	36.6		
4185			436541.17	1240951.9

	99° 50' 19"	48.3		
4186			436532.92	1240999.47
	99° 49' 42"	25.7		
4187			436528.53	1241024.81
	96° 25' 6"	84		
4188			436519.14	1241108.28
	53° 51' 51"	54		
4189			436550.99	1241151.9
	23° 42' 27"	68		
4190			436613.25	1241179.24
	129° 54' 12"	9		
4191			436607.48	1241186.14
	48° 20' 40"	48		
4192			436639.38	1241222
	34° 13' 26"	75		
4193			436701.39	1241264.18
	61° 17' 18"	158.5		
4194			436777.51	1241403.15
	166° 41' 27"	181.3		
4195			436601.06	1241444.89
	164° 48' 28"	404.4		
4196			436210.81	1241550.86
	166° 39' 39"	468.6		
4197			435754.86	1241658.97
	171° 16' 44"	441.2		
4198			435318.74	1241725.87
	169° 47' 55"	263.2		
4199			435059.67	1241772.49
	286° 1' 33"	395		
4200			435168.71	1241392.87
	279° 39' 7"	127.6		
4201			435190.1	1241267.1
	284° 10' 59"	474.5		
4202			435306.36	1240807.08
	284° 16' 7"	116		
4203			435334.94	1240694.7
	295° 22' 28"	111		
4144			435370.98	1240589.8
4204			439956.35	1240950.06
	86° 6' 39"	708.3		
4205			440004.39	1241656.74
	171° 25' 5"	766.8		
4206			439246.19	1241771.16
	198° 22' 37"	81.5		
4207			439168.89	1241745.48

	199° 24' 40"	176.9		
4208			439002.08	1241686.7
	321° 22' 1"	183.8		
4209			439145.68	1241571.93
	276° 35' 53"	1021.7		
4204			439956.35	1240950.06
4210			429875.61	1251718.77
	101° 50' 26"	70.9		
4211			429861.06	1251788.17
	146° 58' 55"	396.5		
4212			429528.6	1252004.22
	274° 46' 34"	113.4		
4213			429538.04	1251891.24
	273° 22' 13"	17.5		
4214			429539.07	1251873.75
	272° 18' 2"	26.9		
4215			429540.15	1251846.87
	185° 44' 55"	1.5		
4216			429538.66	1251846.72
	265° 21' 52"	1.9		
4217			429538.51	1251844.87
	177° 55' 6"	9.6		
4218			429528.88	1251845.22
	180° 15' 7"	22.7		
4219			429506.14	1251845.12
	189° 12' 17"	35.5		
4220			429471.09	1251839.44
	183° 56' 38"	15.8		
4221			429455.28	1251838.35
	182° 14' 19"	30		
4222			429425.35	1251837.18
	194° 17' 22"	16.4		
4223			429409.41	1251833.12
	175° 39' 44"	7.9		
4224			429401.5	1251833.72
	184° 28' 52"	237.7		
4225			429164.56	1251815.15
	173° 40' 43"	36.7		
4226			429128.09	1251819.19
	137° 54' 15"	12.6		
4227			429118.77	1251827.61
	225° 23' 45"	83.9		
4228			429059.84	1251767.86
	320° 50' 13"	203		
4229			429217.2	1251639.69

	321° 21' 43"	86.3		
4230			429284.64	1251585.78
	331° 8' 22"	29.8		
4231			429310.75	1251571.39
	343° 5' 22"	141.9		
4232			429446.53	1251530.11
	356° 52' 27"	157.4		
4233			429603.65	1251521.53
	16° 19' 52"	78.7		
4234			429679.21	1251543.67
	58° 43' 9"	44.7		
4235			429702.4	1251581.84
	82° 20' 48"	67.8		
4236			429711.43	1251649.04
	47° 19' 21"	53.4		
4237			429747.62	1251688.29
	25° 56' 58"	19.2		
4238			429764.84	1251696.67
	32° 34' 8"	21.5		
4239			429783	1251708.27
	358° 9' 28"	56.9		
4240			429839.9	1251706.44
	356° 19' 39"	22.3		
4241			429862.18	1251705.01
	45° 41' 43"	19.2		
4210			429875.61	1251718.77
4242			438304.85	1236455.78
	62° 4' 16"	96.4		
4243			438350	1236540.95
	341° 43' 28"	91.9		
4244			438437.3	1236512.12
	70° 16' 42"	198.8		
4245			438504.4	1236699.3
	116° 39' 13"	103.9		
4246			438457.8	1236792.14
	88° 38' 47"	90.6		
4247			438459.94	1236882.71
	154° 43' 49"	3.6		
4248			438456.72	1236884.23
	145° 58' 34"	24.8		
4249			438436.19	1236898.09
	167° 0' 19"	4.9		
4250			438431.38	1236899.2
	166° 42' 3"	36.4		
4251			438395.97	1236907.57

	148° 20' 21"	110.7		
4252			438301.77	1236965.66
	236° 15' 51"	20.9		
4253			438290.19	1236948.32
	196° 33' 8"	44.9		
4254			438247.19	1236935.54
	245° 7' 35"	154.8		
4255			438182.06	1236795.06
	250° 14' 42"	59.6		
4256			438161.92	1236738.98
	191° 18' 39"	110.9		
4257			438053.13	1236717.22
	214° 14' 15"	81.6		
4258			437985.7	1236671.33
	179° 54' 30"	62.6		
4259			437923.12	1236671.43
	249° 42' 52"	7.9		
4260			437920.37	1236663.99
	322° 1' 44"	85.3		
4261			437987.65	1236611.48
	317° 10' 34"	28.9		
4262			438008.82	1236591.86
	273° 18' 22"	41.3		
4263			438011.2	1236550.66
	335° 10' 25"	103.6		
4264			438105.23	1236507.16
	340° 59' 20"	82.1		
4265			438182.84	1236480.42
	343° 50' 22"	88.5		
4266			438267.87	1236455.78
	90° 0' 0"	37		
4242			438304.85	1236455.78
4267			435825.72	1247302.76
	265° 0' 5"	105		
4268			435816.57	1247198.14
	330° 54' 54"	1.8		
4269			435818.17	1247197.25
	320° 2' 41"	55.4		
4270			435860.64	1247161.67
	341° 48' 48"	99.2		
4271			435954.85	1247130.72
	331° 17' 23"	66.6		
4272			436013.22	1247098.75
	333° 1' 5"	156.2		
4273			436152.42	1247027.88

	338° 50' 14"	129.2		
4274			436272.95	1246981.22
	68° 43' 22"	44.6		
4275			436289.15	1247022.82
	343° 14' 30"	223.2		
4276			436502.85	1246958.47
	73° 15' 3"	120.3		
4277			436537.51	1247073.64
	79° 50' 31"	11.5		
4278			436539.54	1247084.97
	161° 38' 6"	155.2		
4279			436392.24	1247133.87
	163° 2' 4"	355.1		
4280			436052.55	1247237.5
	163° 48' 8"	214.7		
4281			435846.34	1247297.4
	165° 19' 15"	20.3		
4282			435826.68	1247302.55
	167° 39' 39"	1		
4267			435825.72	1247302.76

