

**PROPUESTA TECNICA DE PRECISIÓN DE COORDENADAS**  
**DE LA DELIMITACION DEL SITIO HISTORICO DE BATALLA “MORRO SOLAR**  
**DE CHORRILLOS”, UBICADO EN EL DISTRITO DE CHORRILLOS,**  
**PROVINCIA Y DEPARTAMENTO DE LIMA**

El Morro Solar ubicado en el distrito de Chorrillos, provincia y departamento de Lima, está declarado Monumento mediante Resolución Ministerial N° 794-86-ED de fecha 30 de diciembre de 1986 y reconocido como Sitio Histórico de Batalla por el Ministerio de Cultura mediante Resolución Ministerial N° 495-2017-MC de fecha 26 de diciembre de 2017.

Con la Resolución Directoral Nacional N° 1342/INC de fecha 10 de octubre de 2007, se aprueba el Plano DAI-001-2007-INC/DPHCR-SDR que establece la delimitación de la Zona Histórica Intangible del Morro Solar, para preservar su carácter histórico, comprendiendo un área total de 4 338 307.14 m<sup>2</sup> y un perímetro de 12 352.34 ml.

Mediante Decreto Supremo N° 008-2017-MC se aprueba el Reglamento para la Gestión de los Sitios Históricos de Batalla, en cuyo artículo 9 se los define como lugares o espacios urbanos o rurales, o parajes naturales, donde se desarrollaron batallas correspondientes a las épocas colonial, republicana y contemporánea, en las que se desplegaron actos de heroísmo y sacrificio de soldados peruanos.

Con Resolución Ministerial N° 495-2017-MC del 26 de diciembre del 2017, el Ministerio de Cultura reconoce como Sitio Histórico de Batalla al “Morro Solar de Chorrillos”, correspondiente al monumento declarado con Resolución Ministerial N° 794-86-ED y delimitado con la precitada Resolución Directoral Nacional N° 1342/INC.

Dentro de este contexto, la Dirección de Patrimonio Histórico Inmueble ha realizado la georreferenciación de la delimitación del mencionado Sitio Histórico de Batalla, teniendo en cuenta que la georreferenciación es una técnica de posicionamiento espacial de un polígono utilizando coordenadas UTM en un sistema determinado, dicho posicionamiento espacial se realiza sobre cartografía que representa al territorio; y que esta técnica no era aplicada cuando se emitió la precitada Resolución Directoral Nacional N° 1342/INC, siendo necesario determinarla con la finalidad de visibilizar la delimitación del Sitio Histórico de Batalla “Morro Solar de Chorrillos” en los distintos catastros que tienen las entidades generadoras de esta información.

La delimitación del Sitio Histórico de Batalla “Morro Solar de Chorrillos” comprende un polígono de 1795 vértices, que encierra un área superficial de 4 338 307.14 m<sup>2</sup> y un perímetro de 12,352.34 ml. conforme al Plano SHB-01 elaborado por la Dirección de Patrimonio Histórico Inmueble, correspondiendo a la misma área superficial aprobada en la Resolución Directoral Nacional N° 1342/INC de fecha 10 de octubre de 2007, la cual se traslada con precisión georreferencial en el siguiente cuadro de datos técnicos que a continuación se detalla:

VÉRTICE	LADO	DISTANCIA	ANG. INTERNO	ESTE (X)	NORTE (Y)
1	1-2	.36	135°0'0"	278230.7663	8654062.1197
2	2-3	1.27	171°52'12"	278231.0191	8654062.3755
3	3-4	2.05	172°52'30"	278232.0318	8654063.1444
4	4-5	2.84	176°49'13"	278233.8059	8654064.1721
5	5-6	3.53	183°41'29"	278236.3414	8654065.4586
6	6-7	3.75	178°2'40"	278239.3825	8654067.2567
7	7-8	8.46	184°26'4"	278242.6780	8654069.0563
8	8-9	3.46	164°22'3"	278249.7714	8654073.6757
9	9-10	4.39	172°54'19"	278253.0713	8654074.7124
10	10-11	4.64	179°27'16"	278257.3900	8654075.5008
11	11-12	5.11	176°14'54"	278261.9629	8654076.2906

12	12-13	5.09	177°9'7"	278267.0459	8654076.8292
13	13-14	11.71	179°37'38"	278272.1305	8654077.1135
14	14-15	24.41	177°30'38"	278283.8253	8654077.6910
15	15-16	5.60	182°36'9"	278308.2383	8654077.8349
16	16-17	5.85	179°53'13"	278313.8314	8654078.1222
17	17-18	16.85	182°42'18"	278319.6788	8654078.4110
18	18-19	6.12	179°34'9"	278336.4537	8654080.0357
19	19-20	6.63	179°38'6"	278342.5539	8654080.5803
20	20-21	6.62	177°48'14"	278349.1628	8654081.1279
21	21-22	7.16	183°54'46"	278355.7731	8654081.4211
22	22-23	7.24	192°19'10"	278362.8891	8654082.2260
23	23-24	7.08	182°36'9"	278369.7417	8654084.5552
24	24-25	6.52	179°31'7"	278376.3386	8654087.1372
25	25-26	5.69	186°0'32"	278382.4283	8654089.4619
26	26-27	5.36	184°51'52"	278387.4993	8654092.0348
27	27-28	4.53	186°43'40"	278392.0603	8654094.8591
28	28-29	4.33	182°4'45"	278395.6040	8654097.6774
29	29-30	3.26	191°6'14"	278398.8934	8654100.4942
30	30-31	1.63	167°19'11"	278400.9129	8654103.0492
31	31-32	1.27	178°12'36"	278402.1784	8654104.0739
32	32-33	2.52	188°7'48"	278403.1911	8654104.8428
33	33-34	1.63	186°20'25"	278404.9607	8654106.6334
34	34-35	1.80	173°39'35"	278405.9704	8654107.9109
35	35-36	2.54	188°7'48"	278407.2344	8654109.1899
36	36-37	3.10	181°52'40"	278408.7482	8654111.2333
37	37-38	3.81	178°7'20"	278410.5134	8654113.7869
38	38-39	4.17	179°18'5"	278412.7841	8654116.8520
39	39-40	2.28	174°41'23"	278415.3076	8654120.1729
40	40-41	230.27	132°33'1"	278416.8495	8654121.8531
41	41-42	92.09	97°15'2"	278647.1199	8654121.8891
42	42-43	6.03	167°27'2"	278658.7561	8654030.5420
43	43-44	16.72	195°37'44"	278658.2006	8654024.5420
44	44-45	16.92	236°27'45"	278661.2006	8654008.0975
45	45-46	26.56	191°22'17"	278676.7561	8654001.4309
46	46-47	31.00	191°0'20"	278702.7561	8653995.9864
47	47-48	32.04	183°48'10"	278733.7561	8653995.5420
48	48-49	27.84	187°54'13"	278765.7562	8653997.2086
49	49-50	7.88	150°10'52"	278793.0979	8654002.4663
50	50-51	14.50	170°52'44"	278800.5513	8653999.9095

51	51-52	9.69	166°26'13"	278813.3454	8653993.0910
52	52-53	12.51	176°10'43"	278820.5908	8653986.6541
53	53-54	8.33	161°14'29"	278829.3663	8653977.7429
54	54-55	7.81	162°28'36"	278832.9936	8653970.2401
55	55-56	9.61	166°55'36"	278834.1181	8653962.5114
56	56-57	17.29	173°16'47"	278833.3148	8653952.9344
57	57-58	9.43	184°35'37"	278829.8632	8653935.9921
58	58-59	9.72	202°23'59"	278828.7267	8653926.6306
59	59-60	10.67	202°57'0"	278831.3218	8653917.2593
60	60-61	15.71	201°11'35"	278837.9511	8653908.9036
61	61-62	104.53	185°13'41"	278851.5069	8653900.9572
62	62-63	11.17	168°47'3"	278946.1279	8653856.5310
63	63-64	23.45	171°1'58"	278955.1246	8653849.9062
64	64-65	10.90	186°28'19"	278971.6071	8653833.2304
65	65-66	22.18	186°54'3"	278980.0977	8653826.3886

66	66-67	7.37	206°5'30"	278998.9127	8653814.6496
67	67-68	11.79	223°18'57"	279006.2447	8653813.8958
68	68-69	14.77	204°5'37"	279015.6086	8653821.0671
69	69-70	15.15	182°55'31"	279022.6462	8653834.0506
70	70-71	45.10	98°1'22"	279029.1755	8653847.7184
71	71-72	97.91	146°24'45"	279072.1850	8653834.1480
72	72-73	22.87	220°29'20"	279133.6707	8653757.9503
73	73-74	21.84	198°6'9"	279156.1451	8653753.7402
74	74-75	38.92	191°16'41"	279177.7982	8653756.5878
75	75-76	16.97	200°54'49"	279214.6450	8653769.1102
76	76-77	27.20	130°14'45"	279227.7062	8653779.9477
77	77-78	111.93	142°15'46"	279254.4884	8653775.1915
78	78-79	17.28	141°45'24"	279329.6662	8653692.2606
79	79-80	199.62	123°15'55"	279330.8565	8653675.0194
80	80-81	45.47	210°12'4"	279171.8869	8653554.2904
81	81-82	26.79	258°50'48"	279154.4227	8653512.3027
82	82-83	137.90	199°26'42"	279176.6971	8653497.4264
83	83-84	34.02	214°54'30"	279310.3335	8653463.3816
84	84-85	56.21	93°22'45"	279342.1737	8653475.3596
85	85-86	98.24	256°2'57"	279365.0327	8653424.0054
86	86-87	168.06	128°56'45"	279461.7668	8653441.1391
87	87-88	115.55	59°6'53"	279588.5823	8653330.8609
88	88-89	83.94	183°12'57"	279478.7536	8653294.9538
89	89-90	30.78	229°13'42"	279400.5629	8653264.4364
90	90-91	35.88	243°4'18"	279390.3129	8653235.4125
91	91-92	160.19	159°22'30"	279415.0664	8653209.4373
92	92-93	336.49	204°28'58"	279477.6470	8653061.9742
93	93-94	73.28	168°3'6"	279725.6487	8652834.5491
94	94-95	141.22	185°35'18"	279768.2333	8652774.9137
95	95-96	39.78	147°5'22"	279861.1016	8652668.5252
96	96-97	14.32	193°33'15"	279866.7805	8652629.1536
97	97-98	26.16	177°3'21"	279872.0891	8652615.8555
98	98-99	17.41	181°58'38"	279880.5259	8652591.0975
99	99-100	13.71	166°41'6"	279886.7068	8652574.8220
100	100-101	13.45	203°49'5"	279888.4921	8652561.2239
0					

101	101-102	11.53	189°20'1"	279895.4785	8652549.7324
102	102-103	7.95	190°32'9"	279902.9886	8652540.9799
103	103-104	24.39	220°48'30"	279909.1799	8652535.9961
104	104-105	12.98	154°54'41"	279933.5530	8652536.8368
105	105-106	18.23	164°52'28"	279945.4879	8652531.7430
106	106-107	9.05	176°35'51"	279959.8036	8652520.4620
107	107-108	16.30	164°35'6"	279966.5700	8652514.4458
108	108-109	5.48	161°20'50"	279975.4332	8652500.7683
109	109-110	5.37	191°22'23"	279976.7863	8652495.4568
110	110-111	5.57	192°17'52"	279979.1122	8652490.6161
111	111-112	9.98	163°56'33"	279982.5365	8652486.2272
112	112-113	22.12	177°7'3"	279986.2614	8652476.9632
113	113-114	25.33	172°55'32"	279993.4698	8652456.0548
114	114-115	12.35	200°16'5"	279998.7134	8652431.2735
115	115-116	11.59	168°4'50"	280005.2999	8652420.8206
116	116-117	32.64	168°27'29"	280009.3194	8652409.9523

117	117-118	22.47	180°40'25"	280014.2870	8652377.6928
118	118-119	27.18	200°43'9"	280017.9678	8652355.5258
119	119-120	12.83	175°37'36"	280031.6176	8652332.0232
120	120-121	10.77	174°6'16"	280037.1962	8652320.4697
121	121-122	35.29	172°24'4"	280040.8578	8652310.3424
122	122-123	12.80	176°57'43"	280048.3640	8652275.8553
123	123-124	13.87	177°34'56"	280050.4196	8652263.2210
124	124-125	10.08	178°2'8"	280052.0673	8652249.4506
125	125-126	45.40	195°37'35"	280052.9209	8652239.4095
126	126-127	8.21	172°9'35"	280068.8091	8652196.8811
127	127-128	23.08	184°10'24"	280070.6071	8652188.8668
128	128-129	35.77	180°44'30"	280077.2856	8652166.7721
129	129-130	20.00	183°12'45"	280088.0788	8652132.6653
130	130-131	10.59	191°53'14"	280095.1722	8652113.9646
131	131-132	12.89	178°11'46"	280100.8846	8652105.0528
132	132-133	32.94	166°44'43"	280107.4974	8652093.9843
133	133-134	12.34	157°14'34"	280117.4587	8652062.5842
134	134-135	17.13	191°24'0"	280116.3496	8652050.2935
135	135-136	18.20	190°25'59"	280118.2123	8652033.2682
136	136-137	17.25	190°6'37"	280123.4349	8652015.8348
137	137-138	14.22	171°1'47"	280131.2086	8652000.4369
138	138-139	46.99	61°39'3"	280135.5585	8651986.9024
139	139-140	81.74	261°15'34"	280089.3610	8651995.4917
140	140-141	98.88	205°32'15"	280062.3794	8651918.3286
141	141-142	83.61	199°8'0"	280073.1691	8651820.0360
142	142-143	60.06	151°41'49"	280109.0288	8651744.5073
143	143-144	65.93	90°40'0"	280105.9844	8651684.5273
144	144-145	80.40	218°6'4"	280040.1035	8651687.1032
145	145-146	131.82	113°9'21"	279974.9480	8651640.0046
146	146-147	191.91	264°31'55"	279861.9392	8651707.8592
147	147-148	166.65	153°45'29"	279747.9198	8651553.4899
148	148-149	228.21	191°45'32"	279599.8460	8651477.0372
149	149-150	55.31	185°3'14"	279422.6648	8651333.2166
150	150-151	173.09	188°36'20"	279382.9588	8651294.7110

151	151-152	15.00	270°1'29"	279278.1287	8651156.9709
152	152-153	11.51	89°58'33"	279290.0689	8651147.8916
153	153-154	26.65	208°18'21"	279283.0980	8651138.7321
154	154-155	38.52	215°33'33"	279278.9442	8651112.4092
155	155-156	19.79	89°58'58"	279296.1879	8651077.9619
156	156-157	51.47	268°38'56"	279278.4918	8651069.1102
157	157-158	96.15	162°58'14"	279300.4245	8651022.5506
158	158-159	114.27	168°52'39"	279314.1285	8650927.3831
159	159-160	88.50	152°39'40"	279308.2906	8650813.2579
160	160-161	88.70	164°14'35"	279263.6835	8650736.8220
161	161-162	124.17	204°31'27"	279199.8506	8650675.2315
162	162-163	51.50	138°37'36"	279154.3410	8650559.6988
163	163-164	28.24	236°24'19"	279108.5043	8650536.2161
164	164-165	164.96	121°10'5"	279105.3232	8650508.1576
165	165-166	166.51	301°39'21"	278955.4554	8650439.2267
166	166-167	183.00	102°45'35"	279094.0729	8650346.9750
167	167-168	250.00	78°25'36"	279028.8360	8650175.9980
168	168-169	131.00	205°18'57"	278817.8893	8650310.1675

169	169-170	5.34	97°28'47"	278687.9087	8650326.4544
170	170-171	1.61	198°26'6"	278687.8773	8650331.7947
171	171-172	.57	188°7'48"	278687.3597	8650333.3175
172	172-173	1.80	198°26'6"	278687.1024	8650333.8246
173	173-174	1.48	194°2'10"	278685.8234	8650335.0886
174	174-175	1.83	177°16'25"	278684.5474	8650335.8440
175	175-176	2.05	183°56'43"	278683.0155	8650336.8523
176	176-177	2.54	172°52'30"	278681.2294	8650337.8590
177	177-178	3.10	181°52'40"	278679.1860	8650339.3728
178	178-179	3.26	176°19'56"	278676.6325	8650341.1379
179	179-180	3.61	179°22'13"	278674.0775	8650343.1573
180	180-181	3.26	180°37'47"	278671.2667	8650345.4296
181	181-182	6.84	176°40'21"	278668.7117	8650347.4490
182	182-183	3.06	173°37'15"	278663.5987	8650351.9964
183	183-184	2.90	176°14'29"	278661.5508	8650354.2731
184	184-185	2.34	182°43'35"	278659.7572	8650356.5514
185	185-186	5.24	168°27'12"	278658.2209	8650358.3225
186	186-187	4.80	182°57'3"	278655.6509	8650362.8849
187	187-188	2.05	177°44'22"	278653.0839	8650366.9387
188	188-189	7.37	150°15'18"	278652.0562	8650368.7129
189	189-190	2.05	172°52'30"	278652.0128	8650376.0876
190	190-191	2.17	166°34'8"	278652.2551	8650378.1235
191	191-192	4.10	170°48'40"	278653.0060	8650380.1624
192	192-193	3.26	171°5'6"	278655.0194	8650383.7346
193	193-194	1.44	173°39'35"	278657.0388	8650386.2896
194	194-195	1.48	165°57'50"	278658.0500	8650387.3128
195	195-196	1.44	194°2'10"	278659.3171	8650388.0832
196	196-197	1.83	168°41'24"	278660.3283	8650389.1064
197	197-198	2.19	181°50'51"	278661.8481	8650390.1326
198	198-199	2.50	168°25'29"	278663.6207	8650391.4146
199	199-200	2.74	177°50'20"	278665.9034	8650392.4453
200	200-201	2.50	182°9'40"	278668.4404	8650393.4775

201	201-202	6.15	180°28'53"	278670.7231	8650394.5082
202	202-203	2.74	177°21'27"	278676.3028	8650397.0842
203	203-204	2.50	182°9'40"	278678.8398	8650398.1164
204	204-205	2.17	176°35'37"	278681.1225	8650399.1471
205	205-206	1.71	186°0'32"	278683.1524	8650399.9220
206	206-207	1.27	190°18'17"	278684.6738	8650400.6939
207	207-208	1.08	188°7'48"	278685.6865	8650401.4628
208	208-209	.92	168°41'24"	278686.4449	8650402.2302
209	209-210	1.08	191°18'36"	278687.2048	8650402.7433
210	210-211	1.37	203°11'55"	278687.9632	8650403.5107
211	211-212	1.94	178°36'10"	278688.4643	8650404.7852
212	212-213	1.85	187°15'12"	278689.2167	8650406.5698
213	213-214	2.98	175°57'44"	278689.7148	8650408.3529
214	214-215	3.31	177°21'48"	278690.7155	8650411.1562
215	215-216	3.54	181°34'56"	278691.9691	8650414.2153
216	216-217	3.31	178°25'4"	278693.2211	8650417.5287
217	217-218	3.09	193°9'27"	278694.4746	8650420.5878
218	218-219	2.84	179°9'27"	278694.9652	8650423.6425
219	219-220	2.56	184°35'39"	278695.4573	8650426.4428
220	220-221	4.58	185°42'38"	278695.6966	8650428.9873

221	221-222	1.80	188°7'48"	278695.6697	8650433.5647
222	222-223	1.78	171°52'12"	278695.4049	8650435.3433
223	223-224	1.55	189°27'44"	278695.3944	8650437.1234
224	224-225	2.03	170°32'16"	278695.1311	8650438.6477
225	225-226	4.10	187°7'30"	278695.1191	8650440.6821
226	226-227	2.30	179°12'55"	278694.5865	8650444.7480
227	227-228	4.10	180°47'5"	278694.3187	8650447.0352
228	228-229	2.30	179°12'55"	278693.7861	8650451.1010
229	229-230	8.90	173°39'35"	278693.5183	8650453.3882
230	230-231	2.30	186°20'25"	278693.4659	8650462.2888

231	231-232	2.03	173°39'35"	278693.1981	8650464.5760
232	232-233	2.30	186°20'25"	278693.1861	8650466.6104
233	233-234	1.78	173°39'35"	278692.9183	8650468.8976
234	234-235	4.10	187°7'30"	278692.9078	8650470.6777
235	235-236	6.29	186°54'40"	278692.3752	8650474.7435
236	236-237	2.66	182°39'47"	278690.8135	8650480.8378
237	237-238	2.90	178°33'21"	278690.0356	8650483.3763
238	238-239	3.09	174°12'26"	278689.2562	8650486.1691
239	239-240	2.90	185°47'34"	278688.7296	8650489.2177
240	240-241	6.69	173°29'28"	278687.9502	8650492.0105
241	241-242	3.09	180°42'58"	278686.8940	8650498.6164
242	242-243	6.79	183°31'56"	278686.3674	8650501.6650
243	243-244	2.84	177°18'37"	278684.8026	8650508.2678
244	244-245	2.90	184°57'1"	278684.2776	8650511.0622
245	245-246	2.59	176°3'17"	278683.4982	8650513.8550
246	246-247	5.31	185°23'22"	278682.9746	8650516.3950
247	247-248	6.29	177°20'13"	278681.4188	8650521.4720
248	248-249	2.90	181°13'8"	278679.8570	8650527.5663
249	249-250	3.60	172°52'30"	278679.0776	8650530.3591
250	250-251	3.64	183°57'53"	278678.5480	8650533.9163
251	251-252	3.70	183°51'2"	278677.7641	8650537.4720
252	252-253	3.85	171°38'57"	278676.7260	8650541.0263
253	253-254	3.89	183°42'55"	278676.1949	8650544.8378
254	254-255	3.54	189°43'39"	278675.4095	8650548.6478
255	255-256	3.39	171°57'26"	278674.1185	8650551.9462
256	256-257	3.75	195°18'22"	278673.3361	8650555.2476
257	257-258	5.80	166°57'16"	278671.5365	8650558.5431
258	258-259	2.59	176°3'17"	278669.9777	8650564.1287
259	259-260	2.41	187°7'30"	278669.4541	8650566.6687
260	260-261	2.10	175°36'5"	278668.6777	8650568.9529
261	261-262	2.34	178°29'33"	278668.1572	8650570.9844
262	262-263	2.30	173°48'41"	278667.6351	8650573.2701
263	263-264	2.05	180°47'5"	278667.3673	8650575.5573
264	264-265	2.10	186°54'40"	278667.1010	8650577.5902
265	265-266	1.94	189°9'44"	278666.5804	8650579.6216
266	266-267	5.01	180°45'50"	278665.8070	8650581.3972
267	267-268	4.83	174°28'21"	278663.7456	8650585.9627
268	268-269	1.94	184°45'49"	278662.1928	8650590.5311
269	269-270	2.17	177°21'27"	278661.4194	8650592.3067
270	270-271	1.94	182°38'33"	278660.6445	8650594.3366
271	271-272	1.61	175°14'11"	278659.8711	8650596.1122
272	272-273	1.94	184°45'49"	278659.3535	8650597.6350

273	273-274	1.61	175°14'11"	278658.5801	8650599.4107
274	274-275	1.55	171°1'39"	278658.0625	8650600.9335
275	275-276	1.61	188°58'21"	278657.7992	8650602.4578
276	276-277	1.94	184°45'49"	278657.2816	8650603.9806
277	277-278	2.17	177°21'27"	278656.5083	8650605.7562
278	278-279	2.05	166°34'8"	278655.7334	8650607.7861
279	279-280	1.80	181°0'18"	278655.4671	8650609.8190
280	280-281	1.78	171°52'12"	278655.2023	8650611.5976

281	281-282	7.19	188°7'48"	278655.1918	8650613.3777
282	282-283	3.22	190°18'17"	278654.1326	8650620.4922
283	283-284	3.87	184°45'49"	278653.0974	8650623.5378
284	284-285	3.41	183°21'59"	278651.5506	8650627.0890
285	285-286	3.67	187°7'30"	278650.0068	8650630.1317
286	286-287	1.94	169°30'31"	278647.9544	8650633.1713
287	287-288	6.82	183°21'59"	278647.1810	8650634.9469
288	288-289	2.05	183°10'47"	278644.0934	8650641.0321
289	289-290	2.27	176°49'13"	278643.0658	8650642.8063
290	290-291	4.80	185°26'25"	278642.0366	8650644.8347
291	291-292	2.50	171°57'26"	278639.4696	8650648.8885
292	292-293	2.05	185°46'57"	278638.4389	8650651.1712
293	293-294	2.27	176°49'13"	278637.4112	8650652.9453
294	294-295	5.09	190°18'17"	278636.3820	8650654.9737
295	295-296	2.75	176°49'13"	278633.3064	8650659.0246
296	296-297	2.90	184°11'6"	278631.7671	8650661.3043
297	297-298	5.93	173°5'20"	278629.9735	8650663.5825
298	298-299	2.75	182°43'35"	278626.8919	8650668.6506
299	299-300	6.56	181°50'51"	278625.3526	8650670.9303
300	300-301	1.83	178°9'9"	278621.5066	8650676.2481
301	301-302	1.48	177°16'25"	278620.4804	8650677.7679
302	302-303	2.74	170°50'16"	278619.7100	8650679.0350
303	303-304	1.08	203°11'55"	278618.6778	8650681.5720
304	304-305	1.63	173°39'35"	278617.9104	8650682.3304
305	305-306	1.71	167°54'19"	278616.8857	8650683.5959
306	306-307	3.67	187°7'30"	278616.1138	8650685.1172
307	307-308	3.41	172°52'30"	278614.0614	8650688.1568
308	308-309	1.48	184°23'55"	278612.5176	8650691.1994
309	309-310	1.71	175°36'5"	278611.7472	8650692.4665
310	310-311	5.50	187°7'30"	278610.9753	8650693.9878
311	311-312	1.61	164°44'42"	278607.8967	8650698.5472
312	312-313	1.71	188°7'48"	278607.3791	8650700.0700
313	313-314	1.37	175°14'11"	278606.6072	8650701.5913
314	314-315	7.34	191°53'19"	278606.0911	8650702.8598
315	315-316	2.19	181°50'51"	278601.9863	8650708.9391
316	316-317	2.27	171°1'39"	278600.7043	8650710.7117
317	317-318	2.19	188°58'21"	278599.6751	8650712.7401
318	318-319	2.40	176°28'4"	278598.3931	8650714.5127
319	319-320	2.50	171°57'26"	278597.1096	8650716.5397
320	320-321	2.62	185°5'32"	278596.0790	8650718.8224
321	321-322	2.40	182°57'3"	278594.7940	8650721.1036
322	322-323	2.62	177°2'57"	278593.5105	8650723.1305
323	323-324	2.40	182°57'3"	278592.2255	8650725.4117
324	324-325	2.62	177°2'57"	278590.9420	8650727.4386

325	325-326	2.50	174°54'28"	278589.6570	8650729.7199
326	326-327	4.55	182°36'9"	278588.6263	8650732.0026
327	327-328	2.17	173°59'28"	278586.5679	8650736.0594
328	328-329	4.55	186°0'32"	278585.7930	8650738.0893
329	329-330	2.05	183°10'47"	278583.7346	8650742.1462
330	330-331	2.62	179°18'35"	278582.7069	8650743.9203

331	331-332	2.50	174°54'28"	278581.4219	8650746.2015
332	332-333	2.62	185°5'32"	278580.3912	8650748.4842
333	333-334	2.50	174°54'28"	278579.1062	8650750.7654
334	334-335	2.27	182°36'9"	278578.0755	8650753.0481
335	335-336	2.62	182°29'22"	278577.0463	8650755.0765
336	336-337	5.01	174°54'28"	278575.7613	8650757.3578
337	337-338	2.40	188°2'34"	278573.6999	8650761.9232
338	338-339	2.27	174°33'35"	278572.4164	8650763.9501
339	339-340	2.50	177°23'51"	278571.3872	8650765.9785
340	340-341	2.27	182°36'9"	278570.3565	8650768.2613
341	341-342	2.40	185°26'25"	278569.3274	8650770.2897
342	342-343	2.34	188°35'45"	278568.0439	8650772.3166
343	343-344	2.27	165°57'50"	278566.5076	8650774.0877
344	344-345	2.40	185°26'25"	278565.4784	8650776.1161
345	345-346	5.09	184°51'52"	278564.1949	8650778.1430
346	346-347	2.16	188°7'48"	278561.1193	8650782.1939
347	347-348	2.34	175°36'5"	278559.5845	8650783.7107
348	348-349	4.38	174°56'11"	278558.0482	8650785.4818
349	349-350	2.05	174°12'26"	278555.4842	8650789.0270
350	350-351	2.19	185°47'34"	278554.4565	8650790.8011
351	351-352	1.99	184°16'4"	278553.1745	8650792.5738
352	352-353	9.17	173°53'4"	278551.8940	8650794.0921
353	353-354	2.05	176°3'17"	278546.7630	8650801.6911
354	354-355	1.71	176°49'13"	278545.7353	8650803.4652
355	355-356	1.83	187°7'30"	278544.9634	8650804.9866
356	356-357	8.20	176°3'17"	278543.9372	8650806.5064
357	357-358	1.83	183°56'43"	278539.8264	8650813.6028
358	358-359	4.10	176°3'17"	278538.8002	8650815.1226
359	359-360	2.19	185°47'34"	278536.7448	8650818.6709
360	360-361	3.87	167°39'39"	278535.4628	8650820.4435
361	361-362	1.71	183°21'59"	278533.9160	8650823.9947
362	362-363	5.81	176°38'1"	278533.1441	8650825.5160
363	363-364	1.71	183°21'59"	278530.8239	8650830.8429
364	364-365	1.37	175°14'11"	278530.0520	8650832.3642
365	365-366	1.14	184°45'49"	278529.5359	8650833.6327
366	366-367	1.27	190°18'17"	278529.0213	8650834.6469
367	367-368	1.83	176°49'13"	278528.2524	8650835.6596
368	368-369	1.27	183°10'47"	278527.2262	8650837.1794
369	369-370	1.44	188°7'48"	278526.4573	8650838.1921
370	370-371	1.63	173°39'35"	278525.4341	8650839.2033
371	371-372	4.68	186°20'25"	278524.4094	8650840.4688
372	372-373	2.90	187°7'30"	278521.0840	8650843.7553
373	373-374	3.42	175°53'16"	278518.7848	8650845.5219
374	374-375	6.84	173°58'28"	278516.2283	8650847.7956
375	375-376	3.24	183°0'46"	278511.6209	8650852.8547
376	376-377	3.78	177°16'25"	278509.3187	8650855.1299



377	377-378	4.14	180°14'12"	278506.7592	8650857.9122
378	378-379	4.69	186°53'18"	278503.9439	8650860.9473
379	379-380	5.09	183°43'53"	278500.3657	8650863.9780
380	380-381	5.80	178°59'42"	278496.2789	8650867.0056

381	381-382	6.98	184°45'49"	278491.6805	8650870.5389
382	382-383	6.85	181°46'58"	278485.8091	8650874.3189
383	383-384	6.92	175°18'5"	278479.9392	8650877.8446
384	384-385	13.54	181°44'26"	278474.3206	8650881.8805
385	385-386	6.00	177°54'9"	278463.0863	8650889.4436
386	386-387	5.50	182°41'39"	278458.2336	8650892.9753
387	387-388	5.09	176°49'13"	278453.6382	8650896.0000
388	388-389	5.24	177°46'34"	278449.5514	8650899.0276
389	389-390	4.50	176°23'4"	278445.4631	8650902.3095
390	390-391	15.82	177°42'34"	278442.1392	8650905.3417
391	391-392	3.78	177°16'25"	278430.8840	8650916.4650
392	392-393	6.84	179°42'49"	278428.3245	8650919.2473
393	393-394	2.90	175°53'16"	278423.7171	8650924.3064
394	394-395	3.61	181°24'52"	278421.9235	8650926.5846
395	395-396	3.97	180°30'58"	278419.6183	8650929.3684
396	396-397	4.17	177°45'47"	278417.0573	8650932.4050
397	397-398	4.38	177°58'9"	278414.4948	8650935.6960
398	398-399	3.75	172°45'47"	278411.9308	8650939.2412
399	399-400	2.70	192°53'7"	278410.1312	8650942.5366
400	400-401	2.34	188°12'46"	278408.3391	8650944.5605
401	401-402	2.52	175°36'5"	278406.5500	8650946.0758
402	402-403	4.69	175°36'5"	278404.7594	8650947.8455
403	403-404	2.19	174°56'11"	278401.6868	8650951.3877
404	404-405	5.09	181°19'56"	278400.4048	8650953.1603
405	405-406	6.21	178°7'20"	278397.3292	8650957.2111
406	406-407	3.46	181°2'7"	278393.7390	8650962.2762
407	407-408	3.81	180°50'33"	278391.6881	8650965.0615
408	408-409	4.86	186°0'32"	278389.3814	8650968.0996
409	409-410	5.60	187°38'55"	278386.0545	8650971.6404
410	410-411	5.65	183°38'5"	278381.7104	8650975.1751
411	411-412	5.09	178°58'4"	278377.1135	8650978.4541
412	412-413	3.78	174°35'46"	278373.0267	8650981.4817
413	413-414	3.46	186°14'47"	278370.2144	8650984.0082
414	414-415	2.84	189°27'44"	278367.4051	8650986.0261
415	415-416	2.54	169°41'43"	278364.8546	8650987.2827
416	416-417	6.37	155°28'49"	278362.8112	8650988.7965
417	417-418	2.90	189°15'52"	278359.7266	8650994.3731
418	418-419	3.10	177°7'1"	278357.9330	8650996.6513
419	419-420	6.51	183°40'4"	278356.1379	8650999.1839
420	420-421	2.90	179°12'55"	278352.0391	8651004.2459
421	421-422	9.77	180°47'5"	278350.2455	8651006.5241
422	422-423	3.06	182°58'25"	278344.0973	8651014.1172
423	423-424	3.46	174°23'38"	278342.0494	8651016.3939
424	424-425	7.34	177°39'46"	278339.9985	8651019.1792
425	425-426	3.46	182°20'14"	278335.8937	8651025.2585
426	426-427	3.67	177°39'46"	278333.8428	8651028.0438
427	427-428	3.75	174°36'38"	278331.7904	8651031.0834
428	428-429	3.81	188°34'9"	278329.9908	8651034.3789

429	429-430	3.88	174°44'15"	278327.6841	8651037.4170
430	430-431	3.81	185°15'45"	278325.6302	8651040.7109

431	431-432	3.46	179°9'27"	278323.3235	8651043.7490
432	432-433	6.12	185°36'22"	278321.2726	8651046.5344
433	433-434	2.90	176°14'29"	278317.1768	8651051.0878
434	434-435	3.24	187°7'30"	278315.3832	8651053.3660
435	435-436	3.46	188°58'21"	278313.0810	8651055.6413
436	436-437	3.61	176°44'17"	278310.2717	8651057.6592
437	437-438	3.42	177°18'8"	278307.4609	8651059.9314
438	438-439	2.75	165°40'38"	278304.9044	8651062.2051
439	439-440	3.24	191°18'36"	278303.3651	8651064.4848
440	440-441	5.41	176°11'9"	278301.0629	8651066.7601
441	441-442	3.87	162°0'46"	278297.4787	8651070.8079
442	442-443	1.83	123°6'41"	278295.9319	8651074.3591
443	443-444	3.67	247°22'48"	278296.9401	8651075.8909
444	444-445	1.99	186°6'56"	278294.8877	8651078.9306
445	445-446	4.32	185°11'40"	278293.6072	8651080.4489
446	446-447	7.03	175°36'5"	278290.5376	8651083.4825
447	447-448	2.54	176°16'7"	278285.9287	8651088.7959
448	448-449	2.70	184°18'58"	278284.3909	8651090.8213
449	449-450	3.06	180°26'51"	278282.5988	8651092.8452
450	450-451	2.90	176°14'29"	278280.5509	8651095.1219
451	451-452	2.88	187°7'30"	278278.7573	8651097.4001
452	452-453	3.06	176°38'1"	278276.7109	8651099.4226
453	453-454	9.35	183°21'59"	278274.6630	8651101.6993
454	454-455	3.06	183°21'59"	278268.0122	8651108.2721
455	455-456	2.54	184°45'49"	278265.7115	8651110.2931
456	456-457	2.27	190°18'17"	278263.6681	8651111.8069
457	457-458	2.34	194°2'10"	278261.6277	8651112.8121
458	458-459	2.17	171°58'22"	278259.3360	8651113.3072
459	459-460	2.88	155°33'22"	278257.2971	8651114.0581
460	460-461	2.90	187°7'30"	278255.2507	8651116.0805

461	461-462	9.19	176°14'29"	278252.9515	8651117.8472
462	462-463	3.26	182°58'25"	278246.0494	8651123.9099
463	463-464	3.10	183°40'4"	278243.4944	8651125.9293
464	464-465	3.06	166°37'32"	278240.9409	8651127.6945
465	465-466	2.90	176°14'29"	278238.8930	8651129.9712
466	466-467	3.06	183°45'31"	278237.0994	8651132.2494
467	467-468	2.97	169°19'49"	278235.0515	8651134.5261
468	468-469	3.42	197°2'57"	278233.5107	8651137.0602
469	469-470	3.78	174°15'39"	278230.9542	8651139.3339
470	470-471	3.61	177°0'57"	278228.3947	8651142.1162
471	471-472	3.78	182°59'3"	278226.0895	8651144.9000
472	472-473	3.78	185°27'9"	278223.5300	8651147.6824
473	473-474	3.78	174°32'51"	278220.7177	8651150.2089
474	474-475	3.42	179°42'49"	278218.1582	8651152.9912
475	475-476	3.06	179°38'47"	278215.8545	8651155.5207
476	476-477	8.11	179°33'9"	278213.8066	8651157.7975
477	477-478	2.40	170°49'10"	278208.4303	8651163.8692
478	478-479	2.54	184°51'52"	278207.1468	8651165.8961

479	479-480	2.34	183°43'53"	278205.6090	8651167.9215
480	480-481	2.40	171°24'15"	278204.0727	8651169.6927
481	481-482	2.27	174°33'35"	278202.7892	8651171.7196
482	482-483	2.17	173°59'28"	278201.7600	8651173.7480
483	483-484	1.94	182°38'33"	278200.9851	8651175.7779
484	484-485	1.83	190°29'29"	278200.2117	8651177.5535
485	485-486	4.69	186°54'40"	278199.1855	8651179.0733
486	486-487	8.11	188°12'46"	278196.1129	8651182.6156
487	487-488	2.54	184°18'58"	278189.9782	8651187.9199
488	488-489	2.52	171°52'12"	278187.9348	8651189.4337
489	489-490	2.34	184°23'55"	278186.1442	8651191.2034
490	490-491	2.52	175°36'5"	278184.3551	8651192.7187
491	491-492	.80	243°26'6"	278182.5645	8651194.4883
492	492-493	2.27	135°0'0"	278181.8031	8651194.2295
493	493-494	.72	161°33'54"	278179.7627	8651195.2347
494	494-495	.92	191°18'36"	278179.2511	8651195.7403
495	495-496	1.27	176°49'13"	278178.4852	8651196.2444
496	496-497	5.03	171°52'12"	278177.4635	8651197.0013
497	497-498	5.09	188°7'48"	278173.8823	8651200.5406
498	498-499	1.83	183°10'47"	278169.7954	8651203.5682
499	499-500	1.48	182°43'35"	278168.2636	8651204.5764
500	500-501	1.08	165°57'50"	278166.9876	8651205.3318
501	501-502	.92	191°18'36"	278166.2202	8651206.0902
502	502-503	.80	195°15'18"	278165.4543	8651206.5943
503	503-504	20.09	198°26'6"	278164.6899	8651206.8441
504	504-505	.57	153°26'6"	278144.6001	8651206.7257
505	505-506	1.02	206°33'54"	278144.0900	8651206.9770
506	506-507	.80	161°33'54"	278143.0728	8651206.9710
507	507-508	2.54	161°33'54"	278142.3084	8651207.2208
508	508-509	1.63	178°12'36"	278140.2650	8651208.7347
509	509-510	1.44	173°39'35"	278138.9875	8651209.7444
510	510-511	1.27	171°52'12"	278137.9643	8651210.7556

511	511-512	.92	176°49'13"	278137.1954	8651211.7683
512	512-513	.80	164°44'42"	278136.6823	8651212.5282
513	513-514	1.14	188°7'48"	278136.4235	8651213.2896
514	514-515	.51	153°26'6"	278135.9089	8651214.3038
515	515-516	.57	206°33'54"	278135.9059	8651214.8124
516	516-517	1.78	153°26'6"	278135.6486	8651215.3195
517	517-518	1.05	194°2'10"	278135.6381	8651217.0996
518	518-519	1.02	165°57'50"	278135.3778	8651218.1153
519	519-520	2.59	191°18'36"	278135.3718	8651219.1325
520	520-521	4.11	190°29'29"	278134.8482	8651221.6726
521	521-522	1.30	169°30'31"	278133.3000	8651225.4781
522	522-523	1.05	182°43'35"	278133.0382	8651226.7481
523	523-524	.80	184°23'55"	278132.7779	8651227.7638
524	524-525	.36	206°33'54"	278132.5191	8651228.5252
525	525-526	.57	198°26'6"	278132.2633	8651228.7780
526	526-527	.36	161°33'54"	278131.7532	8651229.0293
527	527-528	6.36	225°0'0"	278131.4974	8651229.2821
528	528-529	1.05	194°2'10"	278125.1398	8651229.2446
529	529-530	1.27	165°57'50"	278124.1241	8651228.9843
530	530-531	1.05	194°2'10"	278122.8526	8651228.9769

531	531-532	1.02	165°57'50"	278121.8369	8651228.7166
532	532-533	1.05	194°2'10"	278120.8197	8651228.7106
533	533-534	2.27	192°31'44"	278119.8040	8651228.4503
534	534-535	1.27	190°18'17"	278117.7756	8651227.4211
535	535-536	1.48	174°5'38"	278116.7629	8651226.6522
536	536-537	2.54	185°54'22"	278115.4959	8651225.8818
537	537-538	1.08	188°7'48"	278113.4704	8651224.3440
538	538-539	1.14	198°26'6"	278112.7120	8651223.5766
539	539-540	.76	206°33'54"	278112.2094	8651222.5564
540	540-541	1.30	168°41'24"	278112.2139	8651221.7935
541	541-542	5.85	191°18'36"	278111.9671	8651220.5205
542	542-543	1.48	149°2'10"	278112.0016	8651214.6715
543	543-544	1.02	210°57'50"	278111.2462	8651213.3955
544	544-545	.92	146°18'36"	278111.2522	8651212.3783
545	545-546	1.48	154°39'14"	278110.7481	8651211.6124
546	546-547	1.83	205°20'46"	278109.4811	8651210.8420
547	547-548	1.08	168°41'24"	278108.4728	8651209.3102
548	548-549	.80	153°26'6"	278107.7144	8651208.5428
549	549-550	14.24	161°33'54"	278106.9530	8651208.2840
550	550-551	5.11	174°17'22"	278092.7122	8651208.2001
551	551-552	2.29	185°42'38"	278087.6231	8651208.6787
552	552-553	1.80	171°52'12"	278085.3344	8651208.6652
553	553-554	2.03	188°7'48"	278083.5528	8651208.9090
554	554-555	2.30	173°39'35"	278081.5184	8651208.8970
555	555-556	1.55	176°52'40"	278079.2282	8651209.1378
556	556-557	1.05	175°25'34"	278077.7009	8651209.3832
557	557-558	.76	194°2'10"	278076.6822	8651209.6315
558	558-559	.80	161°33'54"	278075.9193	8651209.6270
559	559-560	.92	142°7'30"	278075.1549	8651209.8768
560	560-561	1.48	177°16'25"	278074.6418	8651210.6367

561	561-562	2.41	167°28'16"	278073.8714	8651211.9037
562	562-563	3.15	175°36'5"	278073.0950	8651214.1879
563	563-564	3.39	178°57'30"	278072.3141	8651217.2350
564	564-565	3.60	175°8'8"	278071.5317	8651220.5364
565	565-566	3.06	176°38'1"	278071.0021	8651224.0937
566	566-567	4.83	175°14'11"	278070.7298	8651227.1438
567	567-568	.80	161°33'54"	278070.7014	8651231.9755
568	568-569	.92	164°44'42"	278070.9512	8651232.7399
569	569-570	1.44	168°41'24"	278071.4553	8651233.5058
570	570-571	.92	191°18'36"	278072.4665	8651234.5290
571	571-572	1.83	157°22'48"	278072.9706	8651235.2949
572	572-573	2.16	191°18'36"	278074.4904	8651236.3211
573	573-574	.92	168°41'24"	278076.0072	8651237.8559
574	574-575	.72	191°18'36"	278076.7671	8651238.3690
575	575-576	.92	191°18'36"	278077.2727	8651238.8806
576	576-577	.80	195°15'18"	278077.7768	8651239.6465
577	577-578	1.27	198°26'6"	278078.0266	8651240.4109
578	578-579	.57	206°33'54"	278078.0191	8651241.6824
579	579-580	1.02	153°26'6"	278077.7618	8651242.1895
580	580-581	3.22	198°26'6"	278077.7558	8651243.2067
581	581-582	.36	206°33'54"	278076.7206	8651246.2524
582	582-583	.57	198°26'6"	278076.4648	8651246.5052

583	583-584	.72	161°33'54"	278075.9547	8651246.7565
584	584-585	.92	191°18'36"	278075.4431	8651247.2621
585	585-586	1.27	176°49'13"	278074.6772	8651247.7662
586	586-587	1.14	190°18'17"	278073.6555	8651248.5231
587	587-588	1.48	175°36'5"	278072.6353	8651249.0257
588	588-589	1.14	184°23'55"	278071.3593	8651249.7811
589	589-590	1.48	175°36'5"	278070.3391	8651250.2837
590	590-591	1.99	171°9'29"	278069.0631	8651251.0391
591	591-592	4.32	174°48'20"	278067.5298	8651252.3016
592	592-593	1.63	173°39'35"	278064.4602	8651255.3353
593	593-594	1.48	200°22'35"	278063.4355	8651256.6008
594	594-595	1.44	255°57'50"	278062.1595	8651257.3562
595	595-596	.76	135°0'0"	278061.1483	8651256.3330
596	596-597	.92	123°41'24"	278060.3854	8651256.3285
597	597-598	.72	191°18'36"	278059.8723	8651257.0884
598	598-599	1.61	153°26'6"	278059.3607	8651257.5940
599	599-600	1.02	161°33'54"	278058.8431	8651259.1168
600	600-601	1.30	191°18'36"	278058.8371	8651260.1340
601	601-602	3.09	178°9'9"	278058.5753	8651261.4040
602	602-603	4.58	170°32'16"	278058.0487	8651264.4526
603	603-604	3.89	191°18'36"	278058.0218	8651269.0301
604	604-605	1.37	190°29'29"	278057.2364	8651272.8401
605	605-606	1.27	195°4'7"	278056.7203	8651274.1086
606	606-607	3.60	188°7'48"	278055.9514	8651275.1213
607	607-608	1.99	185°11'40"	278053.3934	8651277.6493
608	608-609	1.44	174°48'20"	278051.8601	8651278.9118
609	609-610	6.61	135°0'0"	278050.8369	8651279.9231
610	610-611	3.09	170°32'16"	278050.7979	8651286.5349

611	611-612	2.03	189°27'44"	278051.2885	8651289.5895
612	612-613	2.05	172°52'30"	278051.2765	8651291.6239
613	613-614	2.30	180°47'5"	278051.5188	8651293.6598
614	614-615	2.56	180°37'47"	278051.7596	8651295.9500
615	615-616	2.41	167°16'32"	278051.9990	8651298.4945
616	616-617	2.50	174°28'21"	278052.7484	8651300.7878
617	617-618	2.41	185°31'39"	278053.7521	8651303.0825
618	618-619	2.27	171°52'12"	278054.5015	8651305.3757
619	619-620	1.94	183°21'59"	278055.5067	8651307.4161
620	620-621	2.97	172°14'5"	278056.2591	8651309.2007
621	621-622	1.14	184°23'55"	278057.7700	8651311.7527
622	622-623	1.83	172°52'30"	278058.2726	8651312.7729
623	623-624	2.16	168°41'24"	278059.2808	8651314.3047
624	624-625	.92	168°41'24"	278060.7976	8651315.8395
625	625-626	1.27	183°10'47"	278061.5575	8651316.3526
626	626-627	3.26	181°47'24"	278062.5702	8651317.1215
627	627-628	1.71	167°54'19"	278065.1012	8651319.1709
628	628-629	4.38	188°58'21"	278066.6225	8651319.9428
629	629-630	2.40	176°28'4"	278070.1678	8651322.5068
630	630-631	2.05	177°44'22"	278072.1947	8651323.7903
631	631-632	2.40	182°15'38"	278073.9688	8651324.8180
632	632-633	2.62	177°2'57"	278075.9957	8651326.1015
633	633-634	2.50	174°54'28"	278078.2769	8651327.3865
634	634-635	2.62	185°5'32"	278080.5596	8651328.4172

635	635-636	1.71	177°30'38"	278082.8409	8651329.7022
636	636-637	2.05	183°10'47"	278084.3622	8651330.4741
637	637-638	3.41	176°49'13"	278086.1363	8651331.5018
638	638-639	1.61	171°52'12"	278089.1789	8651333.0456
639	639-640	3.60	169°41'43"	278090.7017	8651333.5632
640	640-641	3.09	181°19'56"	278094.2589	8651334.0927
641	641-642	1.30	181°50'51"	278097.3076	8651334.6193
642	642-643	1.05	182°43'35"	278098.5776	8651334.8811
643	643-644	.76	165°57'50"	278099.5933	8651335.1414
644	644-645	.80	198°26'6"	278100.3562	8651335.1459
645	645-646	2.27	188°7'48"	278101.1176	8651335.4047
646	646-647	1.37	175°14'11"	278103.1460	8651336.4339
647	647-648	1.48	189°9'44"	278104.4145	8651336.9500
648	648-649	1.71	175°36'5"	278105.6815	8651337.7204
649	649-650	1.61	171°52'12"	278107.2028	8651338.4923
650	650-651	1.48	192°31'44"	278108.7256	8651339.0099
651	651-652	1.63	200°22'35"	278109.9927	8651339.7803
652	652-653	1.27	181°47'24"	278111.0024	8651341.0578
653	653-654	.92	183°10'47"	278111.7593	8651342.0795
654	654-655	.80	195°15'18"	278112.2634	8651342.8454
655	655-656	17.29	198°26'6"	278112.5132	8651343.6098
656	656-657	2.05	187°7'30"	278112.4113	8651360.9023
657	657-658	2.34	185°24'14"	278112.1450	8651362.9352
658	658-659	2.66	184°10'14"	278111.6229	8651365.2209
659	659-660	2.84	173°36'20"	278110.8450	8651367.7594
660	660-661	2.81	174°53'22"	278110.3199	8651370.5538

661	661-662	3.06	179°34'9"	278110.0491	8651373.3496
662	662-663	2.80	175°14'11"	278109.7768	8651376.3997
663	663-664	2.30	186°20'25"	278109.7603	8651379.1970
664	664-665	8.90	173°39'35"	278109.4925	8651381.4842
665	665-666	1.30	168°41'24"	278109.4401	8651390.3848
666	666-667	3.22	172°52'30"	278109.6869	8651391.6578
667	667-668	1.94	175°14'11"	278110.6861	8651394.7154
668	668-669	2.27	176°38'1"	278111.4385	8651396.5000
669	669-670	2.50	182°36'9"	278112.4437	8651398.5404
670	670-671	2.66	187°15'48"	278113.4475	8651400.8351
671	671-672	3.31	174°4'46"	278114.1954	8651403.3826
672	672-673	3.41	176°3'17"	278115.4489	8651406.4417
673	673-674	3.19	177°57'17"	278116.9567	8651409.5023
674	674-675	3.75	180°18'35"	278118.4660	8651412.3086
675	675-676	7.07	178°2'40"	278120.2267	8651415.6250
676	676-677	3.07	185°48'45"	278123.7509	8651421.7493
677	677-678	3.64	179°40'8"	278125.0059	8651424.5541
678	678-679	3.31	182°9'19"	278126.5123	8651427.8690
679	679-680	2.84	176°3'17"	278127.7658	8651430.9281
680	680-681	2.62	177°30'38"	278129.0223	8651433.4786
681	681-682	2.05	179°18'35"	278130.2803	8651435.7748
682	682-683	1.94	186°32'47"	278131.2870	8651437.5609
683	683-684	1.71	176°38'1"	278132.0394	8651439.3455
684	684-685	1.61	188°7'48"	278132.7933	8651440.8758
685	685-686	1.37	176°38'1"	278133.2930	8651442.4046

686	686-687	1.85	185°51'22"	278133.7941	8651443.6791
687	687-688	1.55	186°28'59"	278134.2922	8651445.4622
688	688-689	1.37	167°39'39"	278134.5375	8651446.9895
689	689-690	1.30	190°29'29"	278135.0386	8651448.2641
690	690-691	3.15	177°16'25"	278135.2854	8651449.5371

691	691-692	.80	175°36'5"	278136.0303	8651452.5932
692	692-693	3.15	184°23'55"	278136.2801	8651453.3576
693	693-694	1.02	194°2'10"	278137.0250	8651456.4137
694	694-695	2.10	165°57'50"	278137.0190	8651457.4309
695	695-696	1.30	182°43'35"	278137.5157	8651459.4683
696	696-697	1.61	172°52'30"	278137.7625	8651460.7413
697	697-698	1.37	176°38'1"	278138.2621	8651462.2701
698	698-699	9.68	178°36'10"	278138.7632	8651463.5446
699	699-700	3.41	176°38'1"	278142.5252	8651472.4676
700	700-701	1.37	184°45'49"	278144.0331	8651475.5283
701	701-702	2.97	170°50'16"	278144.5342	8651476.8028
702	702-703	1.63	172°18'14"	278146.0450	8651479.3548
703	703-704	1.44	173°39'35"	278147.0547	8651480.6323
704	704-705	3.26	186°20'25"	278148.0659	8651481.6555
705	705-706	4.10	188°54'54"	278150.0853	8651484.2105
706	706-707	2.40	177°44'22"	278152.0988	8651487.7827
707	707-708	2.75	178°18'55"	278153.3583	8651489.8246
708	708-709	3.06	172°3'24"	278154.8706	8651492.1223
709	709-710	3.96	176°38'1"	278156.8915	8651494.4230
710	710-711	4.14	177°30'38"	278159.6723	8651497.2368
711	711-712	3.78	179°45'48"	278162.7075	8651500.0521
712	712-713	3.64	162°30'5"	278165.4898	8651502.6116
713	713-714	6.26	181°47'24"	278168.7867	8651504.1569
714	714-715	2.05	183°10'47"	278174.3649	8651506.9872
715	715-716	1.83	183°56'43"	278176.1390	8651508.0149
716	716-717	1.63	184°58'11"	278177.6588	8651509.0411
717	717-718	1.44	186°20'25"	278178.9243	8651510.0658
718	718-719	2.54	188°7'48"	278179.9355	8651511.0890
719	719-720	1.08	171°52'12"	278181.4493	8651513.1324
720	720-721	2.54	188°7'48"	278182.2077	8651513.8998
721	721-722	1.37	195°4'7"	278183.7216	8651515.9432
722	722-723	1.61	183°21'59"	278184.2227	8651517.2177
723	723-724	4.64	188°58'21"	278184.7223	8651518.7465
724	724-725	6.61	189°27'44"	278185.4582	8651523.3284
725	725-726	1.80	188°7'48"	278185.4192	8651529.9402
726	726-727	1.61	190°18'17"	278185.1544	8651531.7189
727	727-728	11.44	161°33'54"	278184.6368	8651533.2417
728	728-729	2.05	172°52'30"	278184.5694	8651544.6852
729	729-730	2.10	173°5'20"	278184.8117	8651546.7211
730	730-731	2.34	181°30'27"	278185.3083	8651548.7585
731	731-732	2.10	178°29'33"	278185.8034	8651551.0503
732	732-733	4.35	173°28'49"	278186.3000	8651553.0877
733	733-734	1.94	177°21'27"	278187.8019	8651557.1655
734	734-735	2.05	173°27'13"	278188.5543	8651558.9501
735	735-736	1.83	176°3'17"	278189.5610	8651560.7362
736	736-737	2.05	183°56'43"	278190.5692	8651562.2680
737	737-738	1.83	176°3'17"	278191.5759	8651564.0541

738	738-739	2.05	183°56'43"	278192.5841	8651565.5859
739	739-740	2.17	189°11'20"	278193.5908	8651567.3720
740	740-741	2.10	186°31'11"	278194.3418	8651569.4109

741	741-742	4.35	173°28'49"	278194.8384	8651571.4483
742	742-743	2.74	178°45'17"	278196.3402	8651575.5261
743	743-744	2.84	175°14'11"	278197.3424	8651578.0751
744	744-745	6.15	182°7'16"	278198.5989	8651580.6257
745	745-746	6.29	190°24'28"	278201.1090	8651586.2353
746	746-747	2.84	183°43'53"	278202.5988	8651592.3475
747	747-748	2.56	184°35'39"	278203.0909	8651595.1478
748	748-749	7.88	185°42'38"	278203.3302	8651597.6923
749	749-750	3.60	188°7'48"	278203.2838	8651605.5757
750	750-751	1.53	171°52'12"	278202.7542	8651609.1329
751	751-752	5.19	191°18'36"	278202.7452	8651610.6587
752	752-753	1.05	182°43'35"	278201.6980	8651615.7387
753	753-754	9.08	177°16'25"	278201.4377	8651616.7544
754	754-755	.80	187°7'30"	278199.6051	8651625.6445
755	755-756	1.05	175°36'5"	278199.3464	8651626.4059
756	756-757	1.37	187°45'55"	278199.0861	8651627.4216
757	757-758	1.71	184°45'49"	278198.5700	8651628.6901
758	758-759	1.83	187°7'30"	278197.7981	8651630.2114
759	759-760	1.99	186°6'56"	278196.7719	8651631.7312
760	760-761	2.19	175°43'56"	278195.4914	8651633.2495
761	761-762	1.83	178°9'9"	278194.2094	8651635.0222
762	762-763	1.71	172°52'30"	278193.1832	8651636.5420
763	763-764	1.48	184°23'55"	278192.4113	8651638.0633
764	764-765	1.37	170°50'16"	278191.6409	8651639.3303
765	765-766	1.05	172°14'5"	278191.1248	8651640.5988
766	766-767	1.61	184°23'55"	278190.8645	8651641.6145
767	767-768	.57	188°7'48"	278190.3469	8651643.1373
768	768-769	.51	153°26'6"	278190.0896	8651643.6444
769	769-770	.80	198°26'6"	278190.0866	8651644.1530
770	770-771	1.78	161°33'54"	278189.8278	8651644.9144
771	771-772	1.05	194°2'10"	278189.8173	8651646.6945
772	772-773	1.30	177°16'25"	278189.5570	8651647.7103
773	773-774	1.55	178°9'9"	278189.2952	8651648.9803
774	774-775	1.61	188°58'21"	278189.0319	8651650.5046
775	775-776	1.94	184°45'49"	278188.5143	8651652.0274
776	776-777	2.27	183°21'59"	278187.7409	8651653.8030
777	777-778	2.05	183°10'47"	278186.7117	8651655.8314
778	778-779	2.50	174°13'3"	278185.6840	8651657.6055
779	779-780	2.17	176°35'37"	278184.6533	8651659.8882
780	780-781	1.85	175°23'22"	278183.8784	8651661.9182
781	781-782	1.94	187°15'12"	278183.3593	8651663.6953
782	782-783	1.61	175°14'11"	278182.5859	8651665.4709
783	783-784	2.17	182°7'16"	278182.0683	8651666.9937
784	784-785	2.10	173°28'49"	278181.2935	8651669.0236
785	785-786	2.41	184°23'55"	278180.7729	8651671.0550
786	786-787	2.90	176°49'13"	278179.9965	8651673.3392
787	787-788	2.98	184°43'41"	278179.2171	8651676.1321
788	788-789	3.22	178°27'7"	278178.1834	8651678.9234
789	789-790	3.31	184°11'6"	278177.1482	8651681.9690



790	790-791	3.07	181°49'27"	278175.8587	8651685.0131
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791	791-792	3.22	173°59'28"	278174.5707	8651687.8029
792	792-793	6.61	184°11'6"	278173.5355	8651690.8486
793	793-794	9.22	181°49'27"	278170.9565	8651696.9368
794	794-795	2.84	182°7'16"	278167.0925	8651705.3063
795	795-796	5.48	175°14'11"	278165.8061	8651707.8418
796	796-797	2.66	174°53'52"	278163.7417	8651712.9158
797	797-798	2.27	189°51'57"	278162.9638	8651715.4543
798	798-799	2.62	182°29'22"	278161.9346	8651717.4827
799	799-800	2.50	174°54'28"	278160.6496	8651719.7640
800	800-801	2.27	182°36'9"	278159.6189	8651722.0467
801	801-802	2.05	183°10'47"	278158.5897	8651724.0751
802	802-803	1.71	176°49'13"	278157.5620	8651725.8492
803	803-804	1.94	176°38'1"	278156.7901	8651727.3705
804	804-805	1.61	175°14'11"	278156.0167	8651729.1461
805	805-806	2.17	182°7'16"	278155.4991	8651730.6689
806	806-807	1.61	177°52'44"	278154.7242	8651732.6989
807	807-808	5.80	176°49'13"	278154.2066	8651734.2217
808	808-809	3.75	193°2'44"	278152.6478	8651739.8073
809	809-810	3.53	181°57'20"	278150.8482	8651743.1027
810	810-811	3.10	184°44'8"	278149.0501	8651746.1439
811	811-812	2.97	175°58'18"	278147.2550	8651748.6764
812	812-813	2.62	178°5'27"	278145.7142	8651751.2104
813	813-814	2.40	182°57'3"	278144.4292	8651753.4916
814	814-815	2.05	177°44'22"	278143.1458	8651755.5185
815	815-816	1.80	195°15'18"	278142.1181	8651757.2927
816	816-817	8.14	173°39'35"	278140.8391	8651758.5567
817	817-818	1.63	192°40'49"	278135.7156	8651764.8842
818	818-819	1.99	178°51'15"	278134.4381	8651765.8939
819	819-820	1.83	186°6'56"	278132.9048	8651767.1564
820	820-821	4.38	178°9'9"	278131.3729	8651768.1647
821	821-822	1.83	181°50'51"	278127.7977	8651770.6867
822	822-823	2.54	176°49'13"	278126.2659	8651771.6949
823	823-824	2.27	190°18'17"	278124.2225	8651773.2087
824	824-825	.92	172°52'30"	278122.1821	8651774.2139
825	825-826	2.97	182°43'35"	278121.4162	8651774.7180
826	826-827	1.37	189°9'44"	278118.8642	8651776.2289
827	827-828	3.41	175°14'11"	278117.5897	8651776.7300
828	828-829	1.99	166°45'34"	278114.5291	8651778.2378
829	829-830	1.63	181°8'45"	278112.9958	8651779.5003
830	830-831	5.12	192°5'41"	278111.7183	8651780.5100
831	831-832	1.61	188°7'48"	278107.1274	8651782.7717
832	832-833	1.55	188°58'21"	278105.5986	8651783.2714
833	833-834	3.05	189°27'44"	278104.0713	8651783.5167
834	834-835	2.27	153°26'6"	278101.0197	8651783.4987
835	835-836	2.40	174°33'35"	278098.9793	8651784.5039
836	836-837	2.54	175°8'8"	278096.9373	8651785.7634
837	837-838	2.19	181°19'56"	278094.8939	8651787.2772
838	838-839	1.83	159°13'40"	278093.1063	8651788.5382
839	839-840	1.14	172°52'30"	278092.0801	8651790.0581
840	840-841	5.59	153°26'6"	278091.5655	8651791.0723

841	841-842	1.55	189°27'44"	278091.5326	8651796.6669
842	842-843	2.34	183°3'59"	278091.2693	8651798.1912
843	843-844	2.66	184°10'14"	278090.7472	8651800.4769
844	844-845	2.90	178°33'21"	278089.9693	8651803.0154
845	845-846	3.15	178°46'52"	278089.1899	8651805.8083
846	846-847	3.64	178°3'31"	278088.4090	8651808.8554
847	847-848	3.89	179°12'55"	278087.6251	8651812.4111
848	848-849	3.60	176°49'13"	278086.8397	8651816.2211
849	849-850	3.82	175°41'2"	278086.3101	8651819.7783
850	850-851	10.94	176°11'9"	278086.0334	8651823.5914
851	851-852	3.06	175°14'11"	278085.9689	8651834.5263
852	852-853	4.61	178°25'24"	278086.2052	8651837.5794
853	853-854	5.39	178°12'36"	278086.6869	8651842.1599
854	854-855	1.55	178°40'4"	278087.4183	8651847.5047
855	855-856	8.20	182°20'14"	278087.6636	8651849.0320
856	856-857	18.31	187°7'30"	278088.6328	8651857.1756
857	857-858	3.32	175°36'5"	278088.5249	8651875.4853
858	858-859	3.15	170°21'45"	278088.7597	8651878.7927
859	859-860	3.54	172°59'55"	278089.5047	8651881.8489
860	860-861	3.31	178°25'4"	278090.7567	8651885.1623
861	861-862	2.97	171°39'22"	278092.0102	8651888.2214
862	862-863	3.07	186°31'11"	278093.5210	8651890.7734
863	863-864	5.48	182°38'33"	278094.7760	8651893.5782
864	864-865	2.50	177°50'20"	278096.7805	8651898.6762
865	865-866	3.07	179°31'7"	278097.7842	8651900.9709
866	866-867	7.28	179°40'8"	278099.0392	8651903.7757
867	867-868	4.32	176°42'10"	278102.0519	8651910.4055
868	868-869	13.65	181°30'27"	278104.0638	8651914.2321
869	869-870	4.11	184°45'49"	278110.0951	8651926.4745
870	870-871	3.87	178°36'10"	278111.5984	8651930.2980
871	871-872	3.78	183°32'41"	278113.1032	8651933.8672
872	872-873	3.31	177°2'2"	278114.3537	8651937.4349
873	873-874	2.84	176°3'17"	278115.6073	8651940.4940
874	874-875	2.97	175°36'5"	278116.8638	8651943.0445
875	875-876	3.10	175°58'18"	278118.3746	8651945.5966
876	876-877	3.32	182°31'15"	278120.1397	8651948.1501
877	877-878	3.24	167°28'16"	278121.9033	8651950.9579
878	878-879	3.78	182°43'35"	278124.1786	8651953.2601
879	879-880	3.96	177°16'25"	278126.7051	8651956.0724
880	880-881	3.42	176°59'14"	278129.4859	8651958.8862
881	881-882	3.61	177°18'8"	278132.0154	8651961.1899
882	882-883	3.26	179°22'13"	278134.7993	8651963.4951
883	883-884	2.54	178°12'36"	278137.3303	8651965.5445
884	884-885	2.19	178°40'4"	278139.3557	8651967.0823
885	885-886	1.63	183°7'20"	278141.1283	8651968.3643
886	886-887	1.27	178°12'36"	278142.3938	8651969.3890
887	887-888	1.08	188°7'48"	278143.4065	8651970.1579
888	888-889	.92	168°41'24"	278144.1650	8651970.9253
889	889-890	1.44	191°18'36"	278144.9249	8651971.4384
890	890-891	1.99	185°11'40"	278145.9361	8651972.4616

891	891-892	2.70	178°37'11"	278147.1986	8651973.9949
892	892-893	3.42	179°11'55"	278148.9667	8651976.0398
893	893-894	3.81	185°7'2"	278151.2404	8651978.5963
894	894-895	4.73	180°36'58"	278153.5112	8651981.6614
895	895-896	4.94	181°44'43"	278156.2860	8651985.4924
896	896-897	8.25	180°49'6"	278159.0593	8651989.5777
897	897-898	3.26	175°1'49"	278163.5963	8651996.4708
898	898-899	2.70	177°28'26"	278165.6157	8651999.0258
899	899-900	1.83	187°29'45"	278167.3838	8652001.0707
900	900-901	1.61	195°15'18"	278168.3920	8652002.6025
901	901-902	1.05	184°23'55"	278168.8916	8652004.1313
902	902-903	.80	175°36'5"	278169.1399	8652005.1500
903	903-904	.76	198°26'6"	278169.3897	8652005.9144
904	904-905	.80	198°26'6"	278169.3853	8652006.6773
905	905-906	2.27	188°7'48"	278169.1265	8652007.4387
906	906-907	1.27	190°18'17"	278168.0973	8652009.4672
907	907-908	3.26	181°47'24"	278167.3284	8652010.4799
908	908-909	2.05	171°5'6"	278165.2790	8652013.0109
909	909-910	2.27	176°49'13"	278164.2513	8652014.7850
910	910-911	2.50	177°23'51"	278163.2221	8652016.8134
911	911-912	2.66	172°44'12"	278162.1914	8652019.0961
912	912-913	2.34	175°49'46"	278161.4135	8652021.6347
913	913-914	2.59	178°46'52"	278160.8914	8652023.9204
914	914-915	2.56	174°24'2"	278160.3678	8652026.4604
915	915-916	9.16	174°17'22"	278160.0985	8652029.0019
916	916-917	2.30	173°39'35"	278160.0445	8652038.1568
917	917-918	2.56	180°37'47"	278160.2854	8652040.4470
918	918-919	3.06	190°28'27"	278160.5247	8652042.9915
919	919-920	2.05	182°21'41"	278160.2524	8652046.0416
920	920-921	16.28	172°52'30"	278159.9861	8652048.0745

921	921-922	2.05	172°52'30"	278159.8902	8652064.3498
922	922-923	1.78	187°7'30"	278160.1325	8652066.3857
923	923-924	1.80	171°52'12"	278160.1220	8652068.1658
924	924-925	1.61	169°41'43"	278160.3658	8652069.9474
925	925-926	1.55	188°58'21"	278160.8654	8652071.4762
926	926-927	1.48	158°29'55"	278161.1107	8652073.0035
927	927-928	2.05	181°13'8"	278161.8661	8652074.2795
928	928-929	2.40	177°44'22"	278162.8728	8652076.0656
929	929-930	2.54	175°8'8"	278164.1324	8652078.1075
930	930-931	2.34	176°16'7"	278165.6462	8652080.1509
931	931-932	2.16	175°36'5"	278167.1615	8652081.9400
932	932-933	2.34	184°23'55"	278168.6783	8652083.4748
933	933-934	2.05	190°51'23"	278170.1936	8652085.2640
934	934-935	1.61	191°18'36"	278171.2003	8652087.0501
935	935-936	3.60	190°18'17"	278171.6999	8652088.5789
936	936-937	1.61	169°41'43"	278172.1876	8652092.1421
937	937-938	1.30	187°7'30"	278172.6872	8652093.6709
938	938-939	3.81	191°18'36"	278172.9340	8652094.9439
939	939-940	2.30	186°20'25"	278172.9115	8652098.7584
940	940-941	2.10	187°41'46"	278172.6437	8652101.0456

941	941-942	1.94	189°9'44"	278172.1231	8652103.0770
942	942-943	2.41	175°14'11"	278171.3497	8652104.8527
943	943-944	2.98	181°32'53"	278170.5733	8652107.1369
944	944-945	3.54	181°3'16"	278169.5396	8652109.9282
945	945-946	3.75	187°15'48"	278168.2486	8652113.2266
946	946-947	8.90	182°39'47"	278166.4490	8652116.5220
947	947-948	3.75	177°20'13"	278161.8267	8652124.1241
948	948-949	6.26	178°15'51"	278160.0271	8652127.4195
949	949-950	2.05	183°10'47"	278157.1968	8652132.9977
950	950-951	1.94	173°27'13"	278156.1691	8652134.7718
951	951-952	1.61	175°14'11"	278155.3957	8652136.5474
952	952-953	1.94	184°45'49"	278154.8781	8652138.0702
953	953-954	1.37	178°36'10"	278154.1047	8652139.8458
954	954-955	2.10	172°14'5"	278153.5886	8652141.1143
955	955-956	3.60	174°5'38"	278153.0680	8652143.1457
956	956-957	1.48	202°50'1"	278152.5384	8652146.7030
957	957-958	.80	220°36'5"	278151.7680	8652147.9700
958	958-959	1.14	135°0'0"	278151.0036	8652148.2198
959	959-960	.76	153°26'6"	278150.4890	8652149.2340
960	960-961	.36	225°0'0"	278150.4845	8652149.9969
961	961-962	.57	161°33'54"	278150.2287	8652150.2497
962	962-963	.76	153°26'6"	278149.9714	8652150.7568
963	963-964	2.05	187°7'30"	278149.9669	8652151.5197
964	964-965	1.85	188°49'13"	278149.7006	8652153.5526
965	965-966	2.59	175°21'52"	278149.1815	8652155.3297
966	966-967	3.34	177°26'10"	278148.6579	8652157.8697
967	967-968	7.14	175°20'22"	278148.1299	8652161.1727
968	968-969	3.82	179°43'42"	278147.5793	8652168.2901
969	969-970	16.78	176°11'9"	278147.3025	8652172.1031
970	970-971	1.55	189°27'44"	278147.2036	8652188.8870

971	971-972	1.85	186°28'59"	278146.9403	8652190.4113
972	972-973	2.34	176°35'0"	278146.4212	8652192.1884
973	973-974	2.74	189°16'21"	278145.8991	8652194.4741
974	974-975	6.43	176°38'1"	278144.8669	8652197.0112
975	975-976	3.15	175°36'5"	278142.7965	8652203.1024
976	976-977	6.63	170°21'45"	278142.0156	8652206.1495
977	977-978	14.75	175°36'5"	278141.4681	8652212.7584
978	978-979	.36	225°0'0"	278141.3811	8652227.5078
979	979-980	.57	161°33'54"	278141.1253	8652227.7606
980	980-981	.72	198°26'6"	278140.8680	8652228.2677
981	981-982	1.14	161°33'54"	278140.3564	8652228.7733
982	982-983	1.61	171°52'12"	278139.8418	8652229.7876
983	983-984	5.03	206°33'54"	278139.3242	8652231.3104
984	984-985	1.63	186°20'25"	278135.7430	8652234.8496
985	985-986	3.24	173°39'35"	278134.4655	8652235.8593
986	986-987	.92	168°41'24"	278132.1633	8652238.1345
987	987-988	.57	172°52'30"	278131.6502	8652238.8944
988	988-989	.51	153°26'6"	278131.3929	8652239.4015
989	989-990	.57	206°33'54"	278131.3899	8652239.9101
990	990-991	1.14	216°52'12"	278131.1326	8652240.4173
991	991-992	.72	161°33'54"	278130.1124	8652240.9199
992	992-993	.92	168°41'24"	278129.6008	8652241.4255

993	993-994	1.80	191°18'36"	278129.0877	8652242.1854
994	994-995	1.99	174°48'20"	278127.8087	8652243.4494
995	995-996	1.71	166°45'34"	278126.5282	8652244.9677
996	996-997	1.61	171°52'12"	278125.7563	8652246.4890
997	997-998	1.30	172°52'30"	278125.2387	8652248.0118
998	998-999	1.05	182°43'35"	278124.9769	8652249.2818
999	999-1000	5.85	165°57'50"	278124.7166	8652250.2975
1000	1000-1001	1.55	170°32'16"	278124.6822	8652256.1465
1001	1001-1002	1.80	181°19'56"	278124.9275	8652257.6738
1002	1002-1003	8.20	181°0'18"	278125.1713	8652259.4554
1003	1003-1004	17.04	187°7'30"	278126.1405	8652267.5990
1004	1004-1005	.57	153°26'6"	278126.0401	8652284.6372
1005	1005-1006	.36	161°33'54"	278126.2914	8652285.1473
1006	1006-1007	8.90	225°0'0"	278126.5442	8652285.4031
1007	1007-1008	3.89	168°41'24"	278126.4918	8652294.3037
1008	1008-1009	11.70	191°18'36"	278127.2322	8652298.1227
1009	1009-1010	3.06	184°45'49"	278127.1632	8652309.8205
1010	1010-1011	3.05	175°14'11"	278126.8909	8652312.8707
1011	1011-1012	2.56	185°42'38"	278126.8730	8652315.9223
1012	1012-1013	2.54	174°17'22"	278126.6037	8652318.4638
1013	1013-1014	5.11	185°42'38"	278126.5887	8652321.0068
1014	1014-1015	2.30	180°37'47"	278126.0501	8652326.0898
1015	1015-1016	2.84	183°57'53"	278125.7823	8652328.3770
1016	1016-1017	3.09	179°9'27"	278125.2572	8652331.1714
1017	1017-1018	3.39	183°31'56"	278124.7306	8652334.2200
1018	1018-1019	3.46	184°6'29"	278123.9482	8652337.5214
1019	1019-1020	3.78	182°33'4"	278122.9115	8652340.8213
1020	1020-1021	3.46	177°26'56"	278121.6191	8652344.3740

1021	1021-1022	3.15	176°56'1"	278120.5824	8652347.6740
1022	1022-1023	6.12	170°43'39"	278119.8015	8652350.7211
1023	1023-1024	2.81	180°25'51"	278119.2569	8652356.8213
1024	1024-1025	3.06	179°34'9"	278118.9861	8652359.6171
1025	1025-1026	2.84	185°32'28"	278118.7138	8652362.6673
1026	1026-1027	2.59	181°0'18"	278118.1887	8652365.4616
1027	1027-1028	2.10	182°43'35"	278117.6651	8652368.0016
1028	1028-1029	2.34	178°29'33"	278117.1446	8652370.0330
1029	1029-1030	2.10	181°30'27"	278116.6225	8652372.3187
1030	1030-1031	3.87	189°9'44"	278116.1019	8652374.3501
1031	1031-1032	1.37	178°36'10"	278114.5551	8652377.9014
1032	1032-1033	1.71	184°45'49"	278114.0390	8652379.1699
1033	1033-1034	3.87	176°38'1"	278113.2671	8652380.6912
1034	1034-1035	1.71	183°21'59"	278111.7203	8652384.2424
1035	1035-1036	1.85	169°22'49"	278110.9484	8652385.7637
1036	1036-1037	1.94	187°15'12"	278110.4293	8652387.5408
1037	1037-1038	2.10	170°50'16"	278109.6559	8652389.3164
1038	1038-1039	2.17	186°31'11"	278109.1353	8652391.3479
1039	1039-1040	2.30	165°47'3"	278108.3604	8652393.3778
1040	1040-1041	2.34	186°11'19"	278108.0926	8652395.6650
1041	1041-1042	1.85	183°25'0"	278107.5705	8652397.9507
1042	1042-1043	2.50	188°1'2"	278107.0514	8652399.7278
1043	1043-1044	5.31	172°44'12"	278106.0207	8652402.0105
1044	1044-1045	2.17	183°51'24"	278104.4650	8652407.0876

1045	1045-1046	2.10	173°28'49"	278103.6901	8652409.1175
1046	1046-1047	2.84	192°31'44"	278103.1695	8652411.1489
1047	1047-1048	1.08	198°26'6"	278101.8830	8652413.6844
1048	1048-1049	.92	168°41'24"	278101.1156	8652414.4428
1049	1049-1050	.92	202°37'12"	278100.6025	8652415.2027
1050	1050-1051	.80	195°15'18"	278099.8366	8652415.7068
1051	1051-1052	.36	153°26'6"	278099.0722	8652415.9566
1052	1052-1053	.76	135°0'0"	278098.8164	8652416.2094
1053	1053-1054	1.30	191°18'36"	278098.8119	8652416.9723
1054	1054-1055	1.55	178°9'9"	278098.5501	8652418.2423
1055	1055-1056	2.30	176°52'40"	278098.2868	8652419.7667
1056	1056-1057	2.80	173°39'35"	278098.0190	8652422.0539
1057	1057-1058	3.09	189°27'44"	278098.0025	8652424.8512
1058	1058-1059	2.84	180°50'33"	278097.4759	8652427.8998
1059	1059-1060	3.15	183°43'53"	278096.9508	8652430.6941
1060	1060-1061	2.98	185°56'49"	278096.1699	8652433.7412
1061	1061-1062	2.74	181°49'6"	278095.1362	8652436.5326
1062	1062-1063	2.98	178°10'54"	278094.1041	8652439.0696
1063	1063-1064	2.74	181°49'6"	278093.0704	8652441.8609
1064	1064-1065	2.62	187°15'12"	278092.0382	8652444.3979
1065	1065-1066	2.54	187°48'55"	278090.7532	8652446.6791
1066	1066-1067	2.16	188°7'48"	278089.2154	8652448.7045
1067	1067-1068	2.34	175°36'5"	278087.6806	8652450.2214
1068	1068-1069	3.96	184°23'55"	278086.1443	8652451.9925
1069	1069-1070	1.63	173°39'35"	278083.3305	8652454.7733
1070	1070-1071	1.27	178°12'36"	278082.3058	8652456.0388

1071	1071-1072	1.05	157°9'59"	278081.5369	8652457.0515
1072	1072-1073	4.32	165°57'50"	278081.2766	8652458.0672
1073	1073-1074	1.30	168°41'24"	278081.2511	8652462.3904
1074	1074-1075	4.83	172°52'30"	278081.4979	8652463.6634
1075	1075-1076	1.37	176°38'1"	278082.9967	8652468.2498
1076	1076-1077	1.61	183°21'59"	278083.4978	8652469.5243
1077	1077-1078	3.41	171°52'12"	278083.9974	8652471.0531
1078	1078-1079	1.83	172°52'30"	278085.5053	8652474.1137
1079	1079-1080	2.05	183°56'43"	278086.5135	8652475.6455
1080	1080-1081	1.94	186°32'47"	278087.5202	8652477.4316
1081	1081-1082	1.63	164°32'20"	278088.2726	8652479.2162
1082	1082-1083	1.85	202°42'52"	278089.2823	8652480.4937
1083	1083-1084	4.64	186°28'59"	278089.7804	8652482.2768
1084	1084-1085	14.24	189°27'44"	278090.5164	8652486.8587
1085	1085-1086	4.61	173°39'35"	278090.4324	8652501.0996
1086	1086-1087	2.05	179°12'55"	278090.9140	8652505.6800
1087	1087-1088	2.03	187°7'30"	278091.1564	8652507.7159
1088	1088-1089	1.80	171°52'12"	278091.1444	8652509.7504
1089	1089-1090	2.05	181°0'18"	278091.3882	8652511.5320
1090	1090-1091	4.19	173°5'20"	278091.6305	8652513.5679
1091	1091-1092	2.17	173°28'49"	278092.6237	8652517.6427
1092	1092-1093	2.27	173°59'28"	278093.3746	8652519.6816
1093	1093-1094	7.85	177°30'38"	278094.3798	8652521.7220
1094	1094-1095	2.54	172°11'5"	278098.1539	8652528.6106
1095	1095-1096	8.25	183°10'47"	278099.6677	8652530.6540
1096	1096-1097	3.19	185°4'47"	278104.2047	8652537.5471

1097	1097-1098	2.97	177°38'48"	278105.7140	8652540.3535
1098	1098-1099	3.07	186°31'11"	278107.2248	8652542.9055
1099	1099-1100	3.19	175°50'1"	278108.4798	8652545.7103
1100	1100-1101	3.10	173°37'6"	278109.9891	8652548.5166
1101	1101-1102	3.32	182°31'15"	278111.7543	8652551.0701
1102	1102-1103	2.97	181°30'27"	278113.5179	8652553.8779
1103	1103-1104	2.41	192°31'44"	278115.0287	8652556.4299
1104	1104-1105	1.94	175°14'11"	278115.7781	8652558.7231
1105	1105-1106	1.14	176°38'1"	278116.5305	8652560.5077
1106	1106-1107	2.74	184°45'49"	278117.0331	8652561.5279
1107	1107-1108	3.96	156°48'5"	278118.0354	8652564.0769
1108	1108-1109	2.75	168°41'24"	278120.8162	8652566.8907
1109	1109-1110	3.75	174°36'38"	278123.0959	8652568.4300
1110	1110-1111	4.02	170°8'3"	278126.3913	8652570.2296
1111	1111-1112	4.91	182°48'56"	278130.1984	8652571.5236
1112	1112-1113	4.68	181°7'47"	278134.7653	8652573.3307
1113	1113-1114	5.15	177°50'41"	278139.0779	8652575.1363
1114	1114-1115	4.58	179°12'55"	278143.8992	8652576.9449
1115	1115-1116	4.26	177°54'50"	278148.2133	8652578.4962
1116	1116-1117	3.70	178°35'29"	278152.2746	8652579.7916
1117	1117-1118	3.15	178°5'27"	278155.8288	8652580.8298
1118	1118-1119	3.34	174°42'36"	278158.8760	8652581.6107
1119	1119-1120	3.15	185°17'24"	278162.1789	8652582.1388
1120	1120-1121	2.90	181°13'8"	278165.2260	8652582.9197

1121	1121-1122	5.31	181°26'39"	278168.0188	8652583.6991
1122	1122-1123	2.34	175°49'46"	278173.0958	8652585.2549
1123	1123-1124	2.41	185°54'22"	278175.3816	8652585.7770
1124	1124-1125	2.17	182°7'16"	278177.6658	8652586.5534
1125	1125-1126	8.22	181°14'43"	278179.6957	8652587.3283
1126	1126-1127	2.84	184°45'49"	278187.3067	8652590.4248
1127	1127-1128	3.07	177°52'44"	278189.8423	8652591.7113
1128	1128-1129	7.28	180°19'52"	278192.6321	8652592.9993
1129	1129-1130	11.94	181°47'24"	278199.2259	8652596.0899
1130	1130-1131	4.44	177°3'52"	278209.8751	8652601.4932
1131	1131-1132	4.32	184°26'35"	278213.9334	8652603.2973
1132	1132-1133	4.10	181°40'21"	278217.7360	8652605.3542
1133	1133-1134	8.65	178°19'39"	278221.2842	8652607.4096
1134	1134-1135	3.98	178°29'33"	278228.8893	8652611.5234
1135	1135-1136	4.10	183°10'47"	278232.4390	8652613.3245
1136	1136-1137	3.88	181°51'45"	278235.9872	8652615.3798
1137	1137-1138	3.46	184°25'12"	278239.2811	8652617.4337
1138	1138-1139	3.88	175°34'48"	278242.0665	8652619.4846
1139	1139-1140	4.10	178°8'15"	278245.3604	8652621.5385
1140	1140-1141	4.33	190°29'29"	278248.9086	8652623.5939
1141	1141-1142	4.86	182°38'33"	278252.1981	8652626.4107
1142	1142-1143	4.69	177°43'21"	278255.7388	8652629.7376
1143	1143-1144	3.87	162°35'50"	278259.2810	8652632.8102
1144	1144-1145	4.44	180°25'51"	278262.8322	8652634.3570
1145	1145-1146	4.21	181°23'15"	278266.8906	8652636.1611
1146	1146-1147	9.35	177°21'48"	278270.6946	8652637.9637
1147	1147-1148	4.35	178°10'33"	278279.3199	8652641.5749

1148	1148-1149	4.19	173°28'49"	278283.3797	8652643.1247
1149	1149-1150	7.56	185°37'3"	278287.4425	8652644.1659
1150	1150-1151	7.90	175°16'39"	278294.5480	8652646.7508

1151	1151-1152	4.19	179°6'17"	278302.1650	8652648.8302
1152	1152-1153	4.26	183°19'4"	278306.2278	8652649.8714
1153	1153-1154	4.83	181°4'51"	278310.2892	8652651.1669
1154	1154-1155	4.26	178°55'9"	278314.8576	8652652.7197
1155	1155-1156	4.02	181°4'51"	278318.9189	8652654.0152
1156	1156-1157	4.58	181°0'18"	278322.7260	8652655.3092
1157	1157-1158	4.11	182°21'41"	278327.0401	8652656.8604
1158	1158-1159	4.35	178°45'17"	278330.8456	8652658.4087
1159	1159-1160	4.58	178°53'2"	278334.9054	8652659.9585
1160	1160-1161	4.11	182°21'41"	278339.2196	8652661.5098
1161	1161-1162	4.51	174°35'17"	278343.0251	8652663.0581
1162	1162-1163	12.58	177°38'48"	278347.3407	8652664.3551
1163	1163-1164	3.95	180°53'43"	278359.5292	8652667.4787
1164	1164-1165	4.68	187°26'55"	278363.3377	8652668.5183
1165	1165-1166	4.32	185°41'32"	278367.6504	8652670.3239
1166	1166-1167	4.10	181°40'21"	278371.4529	8652672.3808
1167	1167-1168	3.53	180°30'42"	278375.0011	8652674.4362
1168	1168-1169	3.61	189°1'59"	278378.0422	8652676.2343
1169	1169-1170	3.60	185°42'38"	278380.8261	8652678.5395
1170	1170-1171	3.78	177°16'25"	278383.3541	8652681.0975
1171	1171-1172	3.60	182°43'35"	278386.1364	8652683.6570
1172	1172-1173	4.14	182°29'22"	278388.6644	8652686.2150
1173	1173-1174	4.33	182°16'27"	278391.4438	8652689.2831
1174	1174-1175	4.14	172°44'48"	278394.2216	8652692.6055
1175	1175-1176	4.53	175°38'48"	278397.2567	8652695.4208
1176	1176-1177	4.67	171°12'2"	278400.8005	8652698.2391
1177	1177-1178	4.91	171°53'34"	278404.8558	8652700.5518
1178	1178-1179	4.68	181°7'47"	278409.4227	8652702.3589
1179	1179-1180	5.35	182°57'58"	278413.7354	8652704.1645
1180	1180-1181	5.24	183°42'30"	278418.5536	8652706.4817
1181	1181-1182	5.35	176°17'30"	278423.1160	8652709.0517
1182	1182-1183	5.01	178°36'59"	278427.9343	8652711.3689
1183	1183-1184	5.31	172°44'12"	278432.4997	8652713.4303
1184	1184-1185	5.00	178°2'40"	278437.5767	8652714.9860
1185	1185-1186	10.13	182°46'55"	278442.4010	8652716.2860
1186	1186-1187	4.68	184°51'16"	278452.0464	8652719.3946
1187	1187-1188	4.78	182°49'16"	278456.3591	8652721.2002
1188	1188-1189	4.67	184°9'24"	278460.6702	8652723.2601
1189	1189-1190	5.02	181°6'28"	278464.7255	8652725.5728
1190	1190-1191	4.89	188°11'39"	278469.0337	8652728.1413
1191	1191-1192	5.41	182°31'34"	278472.8302	8652731.2154
1192	1192-1193	5.58	181°57'59"	278476.8780	8652734.7996
1193	1193-1194	5.77	185°25'26"	278480.9244	8652738.6381
1194	1194-1195	6.30	178°3'37"	278484.7134	8652742.9837
1195	1195-1196	6.51	184°42'13"	278489.0096	8652747.5866
1196	1196-1197	6.30	175°17'47"	278493.0484	8652752.6966
1197	1197-1198	6.16	185°4'24"	278497.3445	8652757.2995
1198	1198-1199	5.24	179°11'47"	278501.1306	8652762.1537
1199	1199-1200	5.03	174°5'38"	278504.4125	8652766.2420



1200	1200-1201	5.22	181°58'30"	278507.9518	8652769.8232
1201	1201-1202	4.69	182°25'26"	278511.4895	8652773.6587
1202	1202-1203	4.50	173°18'38"	278514.5201	8652777.2369
1203	1203-1204	4.50	184°34'52"	278517.8081	8652780.3080
1204	1204-1205	4.14	180°11'56"	278520.8402	8652783.6319
1205	1205-1206	7.63	169°22'49"	278523.6195	8652786.7000
1206	1206-1207	4.02	177°49'31"	278529.6958	8652791.3134
1207	1207-1208	3.88	176°54'44"	278532.9882	8652793.6216
1208	1208-1209	8.65	176°27'54"	278536.2821	8652795.6755
1209	1209-1210	4.55	178°29'33"	278543.8872	8652799.7893
1210	1210-1211	4.78	178°38'10"	278547.9440	8652801.8477
1211	1211-1212	5.01	178°45'41"	278552.2552	8652803.9076
1212	1212-1213	5.48	177°50'20"	278556.8206	8652805.9690
1213	1213-1214	5.15	178°25'24"	278561.8946	8652808.0334
1214	1214-1215	4.83	178°12'36"	278566.7159	8652809.8419
1215	1215-1216	4.58	181°0'18"	278571.2843	8652811.3947
1216	1216-1217	4.75	176°5'3"	278575.5984	8652812.9460
1217	1217-1218	4.51	180°51'56"	278580.1684	8652814.2445
1218	1218-1219	4.94	175°29'57"	278584.4840	8652815.5415
1219	1219-1220	4.89	177°5'2"	278589.3097	8652816.5872
1220	1220-1221	4.39	181°2'7"	278594.1369	8652817.3786
1221	1221-1222	4.35	176°42'7"	278598.4556	8652818.1669
1222	1222-1223	3.60	181°25'13"	278602.7757	8652818.7010
1223	1223-1224	3.64	183°57'53"	278606.3329	8652819.2306
1224	1224-1225	3.70	183°51'2"	278609.8886	8652820.0145
1225	1225-1226	3.64	188°49'47"	278613.4429	8652821.0527
1226	1226-1227	3.88	186°49'57"	278616.7398	8652822.5980
1227	1227-1228	4.14	190°54'11"	278620.0337	8652824.6519
1228	1228-1229	4.02	192°47'40"	278623.0688	8652827.4672
1229	1229-1230	5.12	188°7'48"	278625.3381	8652830.7866
1230	1230-1231	5.63	188°7'48"	278627.5998	8652835.3775
1231	1231-1232	6.29	184°23'55"	278629.3484	8652840.7283
1232	1232-1233	6.73	183°9'3"	278630.8383	8652846.8405
1233	1233-1234	13.88	182°27'31"	278632.0708	8652853.4599
1234	1234-1235	6.29	174°23'27"	278634.0243	8652867.2041
1235	1235-1236	5.81	170°50'16"	278635.5141	8652873.3164
1236	1236-1237	4.58	169°30'31"	278637.7714	8652878.6702
1237	1237-1238	4.53	175°31'58"	278640.2919	8652882.4997
1238	1238-1239	4.17	180°35'19"	278643.0682	8652886.0764
1239	1239-1240	3.78	175°17'42"	278645.5917	8652889.3973
1240	1240-1241	4.02	187°34'43"	278648.1183	8652892.2096
1241	1241-1242	3.81	177°49'31"	278650.3875	8652895.5290
1242	1242-1243	3.26	178°12'36"	278652.6582	8652898.5941
1243	1243-1244	3.42	176°40'21"	278654.6776	8652901.1491
1244	1244-1245	3.78	179°42'49"	278656.9514	8652903.7056
1245	1245-1246	3.60	177°16'25"	278659.4779	8652906.5179
1246	1246-1247	3.42	176°59'14"	278662.0059	8652909.0759
1247	1247-1248	2.90	190°8'16"	278664.5354	8652911.3796
1248	1248-1249	2.75	161°33'54"	278666.3021	8652913.6788
1249	1249-1250	2.40	178°18'55"	278668.5818	8652915.2181
1250	1250-1251	2.19	183°31'56"	278670.6087	8652916.5016

1251	1251-1252	2.05	174°12'26"	278672.3813	8652917.7836
1252	1252-1253	1.63	188°54'54"	278674.1554	8652918.8113
1253	1253-1254	1.48	172°18'14"	278675.4209	8652919.8360
1254	1254-1255	2.88	194°2'10"	278676.6880	8652920.6064
1255	1255-1256	2.54	188°7'48"	278678.7104	8652922.6528
1256	1256-1257	1.63	178°12'36"	278680.2242	8652924.6962
1257	1257-1258	2.05	188°54'54"	278681.2339	8652925.9737
1258	1258-1259	2.40	177°44'22"	278682.2406	8652927.7598
1259	1259-1260	2.75	178°18'55"	278683.5001	8652929.8017
1260	1260-1261	3.53	183°26'1"	278685.0124	8652932.0994
1261	1261-1262	3.97	170°27'3"	278686.7746	8652935.1616
1262	1262-1263	4.14	172°18'58"	278689.2996	8652938.2282
1263	1263-1264	4.33	187°15'12"	278692.3347	8652941.0435
1264	1264-1265	4.14	177°43'33"	278695.1126	8652944.3659
1265	1265-1266	3.97	182°42'18"	278697.8919	8652947.4340
1266	1266-1267	3.78	177°31'55"	278700.4169	8652950.5006
1267	1267-1268	3.88	190°39'58"	278702.9434	8652953.3129
1268	1268-1269	3.64	186°49'57"	278704.9584	8652956.6308
1269	1269-1270	3.98	178°12'36"	278706.4647	8652959.9457
1270	1270-1271	4.44	193°19'28"	278708.2238	8652963.5164
1271	1271-1272	4.86	187°13'53"	278709.2155	8652967.8455
1272	1272-1273	5.60	183°24'23"	278709.6957	8652972.6802
1273	1273-1274	18.56	182°36'9"	278709.9170	8652978.2764
1274	1274-1275	4.08	183°34'35"	278709.8076	8652996.8404
1275	1275-1276	10.03	185°10'11"	278709.5293	8653000.9077
1276	1276-1277	4.10	178°22'44"	278707.9450	8653010.8165
1277	1277-1278	4.33	176°14'29"	278707.4124	8653014.8823
1278	1278-1279	7.70	169°2'20"	278707.1327	8653019.2039
1279	1279-1280	3.64	175°30'0"	278708.1049	8653026.8389
1280	1280-1281	3.09	182°37'57"	278708.8468	8653030.4037
1281	1281-1282	3.39	176°28'4"	278709.3374	8653033.4583
1282	1282-1283	3.09	183°31'56"	278710.0809	8653036.7687
1283	1283-1284	2.90	174°12'26"	278710.5715	8653039.8233
1284	1284-1285	2.98	175°16'19"	278711.3179	8653042.6251
1285	1285-1286	3.31	177°21'48"	278712.3186	8653045.4284
1286	1286-1287	3.64	177°50'41"	278713.5721	8653048.4875
1287	1287-1288	3.88	173°10'3"	278715.0785	8653051.8024
1288	1288-1289	4.32	183°32'6"	278717.0934	8653055.1203
1289	1289-1290	4.89	180°10'31"	278719.1053	8653058.9469
1290	1290-1291	5.02	177°25'54"	278721.3685	8653063.2835
1291	1291-1292	5.15	190°14'26"	278723.8861	8653067.6216
1292	1292-1293	9.56	175°1'25"	278725.6377	8653072.4638
1293	1293-1294	4.67	175°50'36"	278729.6556	8653081.1340
1294	1294-1295	4.78	184°9'24"	278731.9203	8653085.2163
1295	1295-1296	4.68	182°49'16"	278733.9292	8653089.5514
1296	1296-1297	4.55	175°48'54"	278735.6839	8653093.8851
1297	1297-1298	4.44	182°56'8"	278737.6943	8653097.9659
1298	1298-1299	4.35	183°4'24"	278739.4504	8653102.0452
1299	1299-1300	4.69	188°1'38"	278740.9522	8653106.1230
1300	1300-1301	4.35	185°49'8"	278741.9425	8653110.7064
1301	1301-1302	4.58	183°31'48"	278742.4256	8653115.0325
1302	1302-1303	9.66	183°10'47"	278742.6529	8653119.6115

1303	1303-1304	5.11	185°42'38"	278742.5960	8653129.2749
1304	1304-1305	5.19	185°35'58"	278742.0574	8653134.3579
1305	1305-1306	5.49	182°4'57"	278741.0102	8653139.4380
1306	1306-1307	15.93	183°18'24"	278739.7072	8653144.7708
1307	1307-1308	5.00	178°2'40"	278735.0399	8653160.0019
1308	1308-1309	4.58	184°41'47"	278733.7399	8653164.8261
1309	1309-1310	4.68	182°56'24"	278732.1886	8653169.1403
1310	1310-1311	12.63	182°38'12"	278730.3830	8653173.4529
1311	1311-1312	3.64	179°45'30"	278724.9752	8653184.8650
1312	1312-1313	7.51	183°31'32"	278723.4299	8653188.1619
1313	1313-1314	3.41	178°15'51"	278719.8307	8653194.7528
1314	1314-1315	3.54	174°28'21"	278718.2870	8653197.7954
1315	1315-1316	6.61	181°34'56"	278716.9960	8653201.0938
1316	1316-1317	3.46	174°28'58"	278714.4170	8653207.1821
1317	1317-1318	3.78	182°33'4"	278713.3803	8653210.4820
1318	1318-1319	3.54	181°23'1"	278712.0878	8653214.0347
1319	1319-1320	3.78	178°36'59"	278710.7968	8653217.3331
1320	1320-1321	3.95	175°16'39"	278709.5043	8653220.8859
1321	1321-1322	4.02	183°30'13"	278708.4646	8653224.6944
1322	1322-1323	4.26	178°55'9"	278707.1706	8653228.5014
1323	1323-1324	12.58	176°40'56"	278705.8751	8653232.5627
1324	1324-1325	4.11	187°45'55"	278702.7516	8653244.7512
1325	1325-1326	4.68	180°34'43"	278701.2033	8653248.5567
1326	1326-1327	4.78	182°49'16"	278699.3977	8653252.8694
1327	1327-1328	5.12	181°21'50"	278697.3378	8653257.1805
1328	1328-1329	10.92	181°11'37"	278695.0221	8653261.7444
1329	1329-1330	11.26	170°40'35"	278689.8791	8653271.3779
1330	1330-1331	5.87	179°12'55"	278686.2560	8653282.0376
1331	1331-1332	6.04	176°58'15"	278684.4429	8653287.6217
1332	1332-1333	5.87	183°1'45"	278682.8826	8653293.4617
1333	1333-1334	6.36	178°36'36"	278681.0695	8653299.0458
1334	1334-1335	6.04	178°21'38"	278679.2534	8653305.1385
1335	1335-1336	12.58	179°24'55"	278677.6932	8653310.9785
1336	1336-1337	6.92	183°3'59"	278674.5696	8653323.1670
1337	1337-1338	7.34	176°56'1"	278672.4962	8653329.7668
1338	1338-1339	14.32	182°28'5"	278670.6741	8653336.8767
1339	1339-1340	7.48	181°18'52"	278666.5244	8653350.5850
1340	1340-1341	7.32	182°30'15"	278664.1937	8653357.6920
1341	1341-1342	7.41	181°50'36"	278661.6102	8653364.5431
1342	1342-1343	7.56	177°29'15"	278658.7724	8653371.3928
1343	1343-1344	7.59	173°55'0"	278656.1875	8653378.4982
1344	1344-1345	7.83	179°33'49"	278654.3639	8653385.8625
1345	1345-1346	8.08	179°35'25"	278652.5388	8653393.4810
1346	1346-1347	8.70	182°31'51"	278650.7122	8653401.3539
1347	1347-1348	9.57	181°44'9"	278648.3741	8653409.7323
1348	1348-1349	9.89	180°58'42"	278645.5228	8653418.8707
1349	1349-1350	20.27	179°33'23"	278642.4157	8653428.2619
1350	1350-1351	9.57	179°27'55"	278636.1986	8653447.5528
1351	1351-1352	8.70	178°15'51"	278633.3473	8653456.6912
1352	1352-1353	7.80	183°46'14"	278631.0091	8653465.0696
1353	1353-1354	7.08	182°0'43"	278628.4226	8653472.4294
1354	1354-1355	6.28	190°43'19"	278625.8407	8653479.0262

1355	1355-1356	5.36	179°40'12"	278622.5033	8653484.3470
1356	1356-1357	4.53	186°43'40"	278619.6790	8653488.9080
1357	1357-1358	3.97	181°38'54"	278616.8607	8653492.4517
1358	1358-1359	3.26	178°51'15"	278614.2997	8653495.4883
1359	1359-1360	2.54	178°12'36"	278612.2503	8653498.0194
1360	1360-1361	1.48	174°5'38"	278610.7125	8653500.0448
1361	1361-1362	1.27	185°54'22"	278609.9421	8653501.3118
1362	1362-1363	.72	188°7'48"	278609.1732	8653502.3245
1363	1363-1364	18.06	225°0'0"	278608.6616	8653502.8301
1364	1364-1365	3.82	183°48'51"	278590.6062	8653502.7237
1365	1365-1366	26.70	176°11'9"	278586.7932	8653502.4469
1366	1366-1367	.36	135°0'0"	278560.0915	8653502.2895
1367	1367-1368	1.14	161°33'54"	278559.8357	8653502.5423
1368	1368-1369	.72	198°26'6"	278559.3211	8653503.5565
1369	1369-1370	.92	191°18'36"	278558.8095	8653504.0621
1370	1370-1371	1.27	176°49'13"	278558.0436	8653504.5663
1371	1371-1372	1.63	178°12'36"	278557.0219	8653505.3232
1372	1372-1373	1.83	184°58'11"	278555.7444	8653506.3329
1373	1373-1374	4.38	178°9'9"	278554.2126	8653507.3411
1374	1374-1375	3.26	176°52'40"	278550.6374	8653509.8631
1375	1375-1376	.92	162°21'0"	278548.0824	8653511.8825
1376	1376-1377	.51	146°18'36"	278547.5693	8653512.6424
1377	1377-1378	.57	153°26'6"	278547.5663	8653513.1510
1378	1378-1379	.80	188°7'48"	278547.8176	8653513.6611
1379	1379-1380	1.48	167°28'16"	278548.0674	8653514.4256
1380	1380-1381	1.83	177°16'25"	278548.8228	8653515.7016

1381	1381-1382	2.90	175°48'54"	278549.8310	8653517.2334
1382	1382-1383	3.61	178°35'8"	278551.5977	8653519.5326
1383	1383-1384	4.38	183°45'6"	278553.8699	8653522.3434
1384	1384-1385	9.34	186°10'48"	278556.3919	8653525.9186
1385	1385-1386	10.73	177°55'41"	278560.9214	8653534.0832
1386	1386-1387	5.24	182°22'30"	278566.4620	8653543.2710
1387	1387-1388	4.67	179°41'49"	278568.9781	8653547.8634
1388	1388-1389	4.10	179°36'46"	278571.2428	8653551.9457
1389	1389-1390	3.10	174°45'10"	278573.2562	8653555.5180
1390	1390-1391	2.34	174°23'27"	278575.0214	8653558.0715
1391	1391-1392	2.16	175°36'5"	278576.5367	8653559.8606
1392	1392-1393	.76	225°0'0"	278578.0535	8653561.3954
1393	1393-1394	.57	206°33'54"	278578.0490	8653562.1583
1394	1394-1395	.36	198°26'6"	278577.7917	8653562.6654
1395	1395-1396	.92	168°41'24"	278577.5359	8653562.9182
1396	1396-1397	1.14	172°52'30"	278577.0228	8653563.6781
1397	1397-1398	1.37	175°14'11"	278576.5082	8653564.6923
1398	1398-1399	1.61	176°38'1"	278575.9921	8653565.9608
1399	1399-1400	1.94	184°45'49"	278575.4745	8653567.4836
1400	1400-1401	2.05	186°32'47"	278574.7011	8653569.2592
1401	1401-1402	2.40	182°15'38"	278573.6734	8653571.0333
1402	1402-1403	2.75	181°41'5"	278572.3899	8653573.0602
1403	1403-1404	3.19	174°55'13"	278570.8506	8653575.3400
1404	1404-1405	3.31	174°0'34"	278569.3083	8653578.1283
1405	1405-1406	3.41	183°56'43"	278568.0188	8653581.1724
1406	1406-1407	3.87	176°38'1"	278566.4750	8653584.2150

1407	1407-1408	7.96	183°21'59"	278564.9282	8653587.7663
1408	1408-1409	4.21	178°27'7"	278561.3261	8653594.8657
1409	1409-1410	3.87	178°10'54"	278559.5235	8653598.6697
1410	1410-1411	3.98	183°21'59"	278557.9767	8653602.2210
1411	1411-1412	3.75	181°44'9"	278556.1756	8653605.7707
1412	1412-1413	3.32	184°10'14"	278554.3760	8653609.0661
1413	1413-1414	3.10	182°31'15"	278552.5794	8653611.8529
1414	1414-1415	2.90	182°52'59"	278550.7843	8653614.3855
1415	1415-1416	5.09	178°59'42"	278548.9907	8653616.6637
1416	1416-1417	1.99	193°19'28"	278545.9151	8653620.7145
1417	1417-1418	2.05	159°33'2"	278544.3818	8653621.9770
1418	1418-1419	1.94	173°27'13"	278543.3541	8653623.7512
1419	1419-1420	2.10	170°50'16"	278542.5807	8653625.5268
1420	1420-1421	2.41	184°23'55"	278542.0601	8653627.5582
1421	1421-1422	2.59	172°52'30"	278541.2837	8653629.8424
1422	1422-1423	3.06	173°27'13"	278540.7601	8653632.3824
1423	1423-1424	3.31	175°14'11"	278540.4878	8653635.4325
1424	1424-1425	3.32	184°23'55"	278540.4683	8653638.7384
1425	1425-1426	3.15	189°38'15"	278540.1946	8653642.0429
1426	1426-1427	3.46	183°3'59"	278539.4137	8653645.0900
1427	1427-1428	3.22	181°19'56"	278538.3770	8653648.3899
1428	1428-1429	2.50	185°31'39"	278537.3418	8653651.4355
1429	1429-1430	1.94	179°14'10"	278536.3111	8653653.7182
1430	1430-1431	1.14	183°21'59"	278535.5377	8653655.4939

1431	1431-1432	.51	153°26'6"	278535.0231	8653656.5081
1432	1432-1433	1.14	206°33'54"	278535.0201	8653657.0167
1433	1433-1434	.76	153°26'6"	278534.5055	8653658.0309
1434	1434-1435	1.05	194°2'10"	278534.5010	8653658.7938
1435	1435-1436	1.48	196°55'39"	278534.2407	8653659.8095
1436	1436-1437	4.68	194°2'10"	278533.4703	8653661.0765
1437	1437-1438	3.26	186°20'25"	278530.1449	8653664.3629
1438	1438-1439	3.88	187°3'8"	278527.5899	8653666.3823
1439	1439-1440	3.67	177°55'3"	278524.2720	8653668.3973
1440	1440-1441	3.10	178°41'53"	278521.2084	8653670.4137
1441	1441-1442	2.40	182°59'12"	278518.6549	8653672.1788
1442	1442-1443	2.27	185°26'25"	278516.6130	8653673.4383
1443	1443-1444	1.94	183°21'59"	278514.5726	8653674.4436
1444	1444-1445	1.48	172°14'5"	278512.7880	8653675.1960
1445	1445-1446	1.30	199°39'14"	278511.5120	8653675.9514
1446	1446-1447	3.05	191°18'36"	278510.2390	8653676.1982
1447	1447-1448	1.71	153°26'6"	278507.1873	8653676.1802
1448	1448-1449	1.85	190°37'11"	278505.6570	8653676.9341
1449	1449-1450	2.66	179°14'46"	278503.8739	8653677.4322
1450	1450-1451	3.31	174°4'46"	278501.3264	8653678.1801
1451	1451-1452	3.41	176°3'17"	278498.2673	8653679.4337
1452	1452-1453	3.64	181°47'24"	278495.2067	8653680.9415
1453	1453-1454	3.10	169°46'59"	278491.8918	8653682.4478
1454	1454-1455	2.70	173°48'22"	278489.3383	8653684.2129
1455	1455-1456	12.59	176°11'9"	278487.2934	8653685.9810
1456	1456-1457	3.61	174°17'22"	278478.3404	8653694.8291
1457	1457-1458	8.28	183°13'16"	278476.0352	8653697.6130
1458	1458-1459	4.33	177°43'33"	278470.4046	8653703.6832

1459	1459-1460	4.17	177°19'56"	278467.5878	8653706.9726
1460	1460-1461	3.97	182°14'13"	278465.0253	8653710.2636
1461	1461-1462	3.26	178°51'15"	278462.4643	8653713.3002
1462	1462-1463	1.99	181°8'45"	278460.4149	8653715.8312
1463	1463-1464	1.08	185°11'40"	278459.1344	8653717.3495
1464	1464-1465	.57	198°26'6"	278458.3670	8653718.1079
1465	1465-1466	3.81	206°33'54"	278457.8569	8653718.3592
1466	1466-1467	.80	341°33'54"	278454.0424	8653718.3368
1467	1467-1468	1.27	161°33'54"	278454.8068	8653718.0870
1468	1468-1469	1.63	165°31'47"	278455.8285	8653717.3300
1469	1469-1470	3.97	181°8'45"	278456.8532	8653716.0645
1470	1470-1471	1.71	166°45'34"	278459.4142	8653713.0279
1471	1471-1472	1.55	162°53'50"	278460.1861	8653711.5066
1472	1472-1473	3.31	170°32'16"	278460.4494	8653709.9823
1473	1473-1474	2.05	172°52'30"	278460.4688	8653706.6764
1474	1474-1475	2.17	166°34'8"	278460.2265	8653704.6405
1475	1475-1476	2.40	168°33'2"	278459.4756	8653702.6016
1476	1476-1477	2.54	175°8'8"	278458.2161	8653700.5596
1477	1477-1478	2.54	163°44'23"	278456.7023	8653698.5162
1478	1478-1479	2.40	175°8'8"	278454.6769	8653696.9784
1479	1479-1480	2.19	183°31'56"	278452.6499	8653695.6949
1480	1480-1481	4.10	174°12'26"	278450.8773	8653694.4130

1481	1481-1482	1.61	168°41'24"	278447.3291	8653692.3576
1482	1482-1483	3.87	184°45'49"	278445.8063	8653691.8400
1483	1483-1484	1.85	172°44'48"	278442.2551	8653690.2932
1484	1484-1485	1.61	182°29'22"	278440.4780	8653689.7741
1485	1485-1486	1.14	188°7'48"	278438.9551	8653689.2565
1486	1486-1487	1.83	187°7'30"	278437.9409	8653688.7419
1487	1487-1488	.72	191°18'36"	278436.4211	8653687.7157
1488	1488-1489	.92	191°18'36"	278435.9155	8653687.2041
1489	1489-1490	1.08	168°41'24"	278435.4114	8653686.4382
1490	1490-1491	1.48	194°2'10"	278434.6530	8653685.6708
1491	1491-1492	1.71	184°23'55"	278433.8976	8653684.3948
1492	1492-1493	1.48	175°36'5"	278433.1437	8653682.8645
1493	1493-1494	1.94	187°45'55"	278432.3883	8653681.5885
1494	1494-1495	2.17	182°38'33"	278431.6359	8653679.8039
1495	1495-1496	2.40	168°33'2"	278430.8850	8653677.7650
1496	1496-1497	2.90	174°7'49"	278429.6254	8653675.7231
1497	1497-1498	2.70	176°41'21"	278427.8588	8653673.4238
1498	1498-1499	2.70	172°22'19"	278426.0907	8653671.3789
1499	1499-1500	1.99	178°37'11"	278424.0668	8653669.5868
1500	1500-1501	1.37	161°59'45"	278422.5485	8653668.3063
1501	1501-1502	3.56	158°11'55"	278421.2800	8653667.7902
1502	1502-1503	.57	153°26'6"	278417.7197	8653667.7693
1503	1503-1504	.72	161°33'54"	278417.2096	8653668.0206
1504	1504-1505	1.37	156°48'5"	278416.6980	8653668.5262
1505	1505-1506	2.27	184°45'49"	278416.1819	8653669.7947
1506	1506-1507	4.02	171°52'12"	278415.1527	8653671.8231
1507	1507-1508	5.44	172°20'58"	278413.8588	8653675.6301
1508	1508-1509	11.97	181°28'50"	278412.8101	8653680.9645
1509	1509-1510	5.94	177°36'4"	278410.1981	8653692.6473
1510	1510-1511	4.86	176°8'36"	278409.1464	8653698.4903

1511	1511-1512	4.33	177°21'27"	278408.6094	8653703.3190
1512	1512-1513	3.57	180°43'9"	278408.3296	8653707.6406
1513	1513-1514	2.80	175°54'52"	278408.0543	8653711.1993
1514	1514-1515	3.06	184°45'49"	278408.0378	8653713.9967
1515	1515-1516	5.85	175°14'11"	278407.7655	8653717.0468
1516	1516-1517	3.06	184°45'49"	278407.7310	8653722.8957
1517	1517-1518	3.09	184°41'55"	278407.4588	8653725.9458
1518	1518-1519	3.39	183°31'56"	278406.9322	8653728.9944
1519	1519-1520	2.90	182°15'38"	278406.1498	8653732.2959
1520	1520-1521	3.07	189°11'20"	278405.3704	8653735.0887
1521	1521-1522	2.54	192°25'33"	278404.0824	8653737.8785
1522	1522-1523	2.34	183°43'53"	278402.5446	8653739.9039
1523	1523-1524	2.19	193°51'40"	278401.0083	8653741.6750
1524	1524-1525	1.85	199°35'32"	278399.2207	8653742.9360
1525	1525-1526	1.71	169°22'49"	278397.4376	8653743.4342
1526	1526-1527	4.35	137°7'16"	278395.9073	8653744.1881
1527	1527-1528	2.10	173°28'49"	278394.3575	8653748.2479
1528	1528-1529	2.29	165°57'50"	278393.8369	8653750.2793
1529	1529-1530	2.34	167°28'16"	278393.8234	8653752.5680
1530	1530-1531	2.98	172°32'45"	278394.3185	8653754.8597

1531	1531-1532	3.46	182°52'49"	278395.3192	8653757.6630
1532	1532-1533	3.75	168°48'7"	278396.3170	8653760.9750
1533	1533-1534	3.98	181°44'9"	278398.0776	8653764.2914
1534	1534-1535	3.53	176°18'31"	278399.8367	8653767.8621
1535	1535-1536	2.34	160°51'28"	278401.5988	8653770.9242
1536	1536-1537	2.05	169°8'37"	278403.3699	8653772.4605
1537	1537-1538	1.85	166°12'2"	278405.1441	8653773.4882
1538	1538-1539	2.84	174°21'34"	278406.9212	8653774.0073
1539	1539-1540	3.06	174°27'32"	278409.7155	8653774.5324
1540	1540-1541	3.31	175°14'11"	278412.7656	8653774.8047
1541	1541-1542	4.33	183°21'59"	278416.0715	8653774.8241
1542	1542-1543	11.70	176°38'1"	278420.3931	8653775.1039
1543	1543-1544	2.30	186°20'25"	278432.0910	8653775.1729
1544	1544-1545	1.48	204°37'25"	278434.3782	8653775.4407
1545	1545-1546	1.14	212°28'16"	278435.6452	8653776.2111
1546	1546-1547	1.55	197°6'10"	278436.1478	8653777.2313
1547	1547-1548	2.29	189°27'44"	278436.3931	8653778.7586
1548	1548-1549	3.09	189°27'44"	278436.3797	8653781.0473
1549	1549-1550	3.60	178°40'4"	278435.8531	8653784.0959
1550	1550-1551	3.78	191°31'25"	278435.3235	8653787.6531
1551	1551-1552	3.31	182°57'58"	278434.0310	8653791.2058
1552	1552-1553	3.07	181°49'27"	278432.7415	8653794.2500
1553	1553-1554	2.62	184°36'38"	278431.4535	8653797.0398
1554	1554-1555	2.05	180°41'25"	278430.1685	8653799.3210
1555	1555-1556	1.94	173°27'13"	278429.1408	8653801.0951
1556	1556-1557	1.48	187°45'55"	278428.3674	8653802.8707
1557	1557-1558	1.14	175°36'5"	278427.5970	8653804.1377
1558	1558-1559	.80	171°52'12"	278427.0824	8653805.1519
1559	1559-1560	.57	188°7'48"	278426.8236	8653805.9134
1560	1560-1561	.80	225°0'0"	278426.5663	8653806.4205
1561	1561-1562	.92	164°44'42"	278425.8019	8653806.6703
1562	1562-1563	1.85	197°44'41"	278425.0360	8653807.1744

1563	1563-1564	2.41	177°30'38"	278423.2529	8653807.6725
1564	1564-1565	3.07	173°59'28"	278420.9597	8653808.4219
1565	1565-1566	3.19	175°50'1"	278418.1549	8653809.6769
1566	1566-1567	3.75	180°18'35"	278415.3486	8653811.1862
1567	1567-1568	3.53	178°2'40"	278412.0322	8653812.9469
1568	1568-1569	3.32	177°47'7"	278408.9701	8653814.7090
1569	1569-1570	2.70	171°17'7"	278406.1623	8653816.4726
1570	1570-1571	2.16	176°11'9"	278404.1174	8653818.2407
1571	1571-1572	1.63	173°39'35"	278402.5826	8653819.7575
1572	1572-1573	1.37	163°8'30"	278401.5579	8653821.0230
1573	1573-1574	1.05	172°14'5"	278401.0418	8653822.2916
1574	1574-1575	1.02	165°57'50"	278400.7815	8653823.3073
1575	1575-1576	.36	135°0'0"	278400.7755	8653824.3245
1576	1576-1577	.76	225°0'0"	278401.0283	8653824.5803
1577	1577-1578	1.80	171°52'12"	278401.0238	8653825.3432
1578	1578-1579	2.54	188°7'48"	278401.2676	8653827.1248
1579	1579-1580	3.06	184°45'49"	278401.2526	8653829.6678
1580	1580-1581	9.92	175°14'11"	278400.9803	8653832.7179

1581	1581-1582	6.61	270°0'0"	278400.9219	8653842.6357
1582	1582-1583	1.80	188°7'48"	278394.3100	8653842.5967
1583	1583-1584	11.19	171°52'12"	278392.5314	8653842.3319
1584	1584-1585	2.30	173°39'35"	278381.3421	8653842.2660
1585	1585-1586	2.84	176°2'7"	278379.0519	8653842.5068
1586	1586-1587	2.90	175°2'59"	278376.2516	8653842.9989
1587	1587-1588	2.66	178°33'21"	278373.4498	8653843.7453
1588	1588-1589	1.99	156°53'37"	278370.9023	8653844.4932
1589	1589-1590	1.61	148°14'26"	278369.3690	8653845.7557
1590	1590-1591	1.53	161°33'54"	278368.8514	8653847.2785
1591	1591-1592	1.80	171°52'12"	278368.8424	8653848.8043
1592	1592-1593	1.61	169°41'43"	278369.0862	8653850.5860
1593	1593-1594	1.71	171°52'12"	278369.5858	8653852.1148
1594	1594-1595	.51	206°33'54"	278370.3397	8653853.6451
1595	1595-1596	.51	90°0'0"	278370.3367	8653854.1537
1596	1596-1597	1.05	194°2'10"	278370.8453	8653854.1567
1597	1597-1598	1.61	184°23'55"	278371.8611	8653854.4170
1598	1598-1599	2.19	197°6'10"	278373.3839	8653854.9346
1599	1599-1600	2.90	182°20'14"	278375.1565	8653856.2166
1600	1600-1601	11.51	187°7'30"	278377.4347	8653858.0102
1601	1601-1602	.51	315°0'0"	278385.5244	8653866.1958
1602	1602-1603	.80	198°26'6"	278385.0158	8653866.1928
1603	1603-1604	2.03	161°33'54"	278384.2544	8653865.9340
1604	1604-1605	3.06	184°45'49"	278382.2200	8653865.9220
1605	1605-1606	4.08	178°48'46"	278379.1698	8653865.6497
1606	1606-1607	4.33	179°47'24"	278375.1025	8653865.3714
1607	1607-1608	4.58	179°48'48"	278370.7809	8653865.0916
1608	1608-1609	15.77	176°49'13"	278366.2050	8653864.8103
1609	1609-1610	1.71	153°26'6"	278350.4383	8653864.7174
1610	1610-1611	.92	150°15'18"	278348.9080	8653865.4713

1611	1611-1612	.51	56°18'36"	278348.3949	8653866.2312
1612	1612-1613	.36	225°0'0"	278348.9035	8653866.2342



1613	1613-1614	2.29	225°0'0"	278349.1563	8653866.4900
1614	1614-1615	1.55	189°27'44"	278349.1428	8653868.7787
1615	1615-1616	1.85	186°28'59"	278348.8795	8653870.3031
1616	1616-1617	2.10	178°5'27"	278348.3604	8653872.0802
1617	1617-1618	2.17	186°31'11"	278347.8398	8653874.1116
1618	1618-1619	2.41	177°52'44"	278347.0649	8653876.1415
1619	1619-1620	1.27	198°26'6"	278346.2885	8653878.4257
1620	1620-1621	.92	199°26'24"	278345.5196	8653879.4384
1621	1621-1622	.80	195°15'18"	278344.7537	8653879.9425
1622	1622-1623	2.54	198°26'6"	278343.9893	8653880.1923
1623	1623-1624	2.30	173°39'35"	278341.4463	8653880.1773
1624	1624-1625	2.56	180°37'47"	278339.1561	8653880.4181
1625	1625-1626	7.88	185°42'38"	278336.6116	8653880.6575
1626	1626-1627	1.61	198°26'6"	278328.7282	8653880.6110
1627	1627-1628	.92	195°15'18"	278327.2054	8653880.0934
1628	1628-1629	1.48	177°16'25"	278326.4455	8653879.5803
1629	1629-1630	1.99	188°50'31"	278325.1785	8653878.8099
1630	1630-1631	2.16	185°11'40"	278323.6602	8653877.5294
1631	1631-1632	2.40	167°0'19"	278322.1434	8653875.9946
1632	1632-1633	2.75	181°41'5"	278320.1165	8653874.7111
1633	1633-1634	2.62	175°21'52"	278317.8368	8653873.1718
1634	1634-1635	2.50	174°54'28"	278315.5555	8653871.8868
1635	1635-1636	1.85	171°58'58"	278313.2728	8653870.8561
1636	1636-1637	1.80	172°11'5"	278311.4957	8653870.3370
1637	1637-1638	3.31	171°52'12"	278309.7171	8653870.0722
1638	1638-1639	1.80	171°52'12"	278306.4112	8653870.0527
1639	1639-1640	2.10	174°5'38"	278304.6296	8653870.2966
1640	1640-1641	2.84	183°43'53"	278302.5922	8653870.7932
1641	1641-1642	3.15	176°16'7"	278299.7919	8653871.2853
1642	1642-1643	7.41	178°5'27"	278296.7357	8653872.0302
1643	1643-1644	2.84	185°38'26"	278289.6033	8653874.0226
1644	1644-1645	1.53	190°18'17"	278286.8030	8653874.5148
1645	1645-1646	.36	135°0'0"	278285.2772	8653874.5058
1646	1646-1647	.51	135°0'0"	278285.0214	8653874.7586
1647	1647-1648	1.05	165°57'50"	278285.0184	8653875.2672
1648	1648-1649	1.94	170°50'16"	278285.2667	8653876.2859
1649	1649-1650	3.19	174°35'17"	278286.0191	8653878.0705
1650	1650-1651	4.10	178°51'56"	278287.5284	8653880.8768
1651	1651-1652	8.75	174°12'26"	278289.5419	8653884.4490
1652	1652-1653	4.17	177°58'9"	278294.5859	8653891.5994
1653	1653-1654	3.46	181°32'28"	278297.1094	8653894.9203
1654	1654-1655	3.07	191°35'0"	278299.1274	8653897.7296
1655	1655-1656	2.84	194°8'21"	278300.3824	8653900.5344
1656	1656-1657	2.56	184°35'39"	278300.8745	8653903.3347
1657	1657-1658	2.03	185°42'38"	278301.1138	8653905.8793
1658	1658-1659	1.61	198°26'6"	278301.1018	8653907.9137
1659	1659-1660	1.63	200°13'29"	278300.5842	8653909.4365
1660	1660-1661	1.44	186°20'25"	278299.5595	8653910.7020
1661	1661-1662	1.27	188°7'48"	278298.5363	8653911.7132
1662	1662-1663	.92	183°10'47"	278297.5146	8653912.4701
1663	1663-1664	.76	213°41'24"	278296.7487	8653912.9742
1664	1664-1665	1.30	168°41'24"	278295.9858	8653912.9697

1665	1665-1666	2.10	177°16'25"	278294.7128	8653913.2165
1666	1666-1667	2.34	181°30'27"	278292.6754	8653913.7131
1667	1667-1668	2.10	178°29'33"	278290.3837	8653914.2083
1668	1668-1669	1.85	178°5'27"	278288.3463	8653914.7049
1669	1669-1670	1.53	195°56'43"	278286.5632	8653915.2030
1670	1670-1671	1.55	170°32'16"	278285.0374	8653915.1940
1671	1671-1672	1.85	173°31'1"	278283.5101	8653915.4393
1672	1672-1673	2.59	184°38'8"	278281.7270	8653915.9374
1673	1673-1674	2.90	176°3'17"	278279.1810	8653916.4310
1674	1674-1675	2.66	178°33'21"	278276.3791	8653917.1774
1675	1675-1676	2.17	176°8'36"	278273.8316	8653917.9253
1676	1676-1677	2.40	168°33'2"	278271.7927	8653918.6763
1677	1677-1678	2.70	163°11'29"	278269.7508	8653919.9358
1678	1678-1679	3.32	171°17'7"	278267.9587	8653921.9597
1679	1679-1680	3.75	175°49'46"	278266.1621	8653924.7465
1680	1680-1681	4.58	171°8'21"	278264.3625	8653928.0419
1681	1681-1682	4.39	170°34'5"	278262.8112	8653932.3561
1682	1682-1683	4.35	176°42'7"	278262.0229	8653936.6747
1683	1683-1684	3.57	177°22'33"	278261.4888	8653940.9948
1684	1684-1685	2.56	181°37'30"	278261.2135	8653944.5535
1685	1685-1686	2.30	180°37'47"	278260.9442	8653947.0951
1686	1686-1687	3.05	173°39'35"	278260.6764	8653949.3823
1687	1687-1688	.36	225°0'0"	278260.6584	8653952.4339
1688	1688-1689	4.83	225°0'0"	278260.4026	8653952.6867
1689	1689-1690	1.80	188°7'48"	278255.5709	8653952.6582
1690	1690-1691	1.37	193°40'17"	278253.7923	8653952.3934
1691	1691-1692	1.14	184°45'49"	278252.5238	8653951.8773
1692	1692-1693	2.74	175°14'11"	278251.5096	8653951.3627
1693	1693-1694	1.27	195°4'7"	278248.9726	8653950.3305
1694	1694-1695	1.63	194°28'13"	278247.9598	8653949.5616
1695	1695-1696	1.99	178°51'15"	278246.9501	8653948.2841
1696	1696-1697	2.34	179°12'15"	278245.6876	8653946.7508
1697	1697-1698	5.80	182°43'35"	278244.1723	8653944.9617
1698	1698-1699	2.88	172°52'30"	278240.6391	8653940.3633
1699	1699-1700	2.75	168°41'24"	278238.6166	8653938.3169
1700	1700-1701	.51	146°18'36"	278236.3369	8653936.7776
1701	1701-1702	.80	161°33'54"	278235.8283	8653936.7746
1702	1702-1703	1.55	188°58'21"	278235.0639	8653937.0244
1703	1703-1704	2.34	176°56'1"	278233.5366	8653937.2697
1704	1704-1705	3.39	179°32'3"	278231.2449	8653937.7649
1705	1705-1706	3.64	180°53'59"	278227.9345	8653938.5083
1706	1706-1707	3.15	178°3'31"	278224.3698	8653939.2502
1707	1707-1708	2.66	177°20'13"	278221.3137	8653939.9951
1708	1708-1709	1.48	165°44'8"	278218.7661	8653940.7430
1709	1709-1710	.92	154°39'14"	278217.4901	8653941.4984
1710	1710-1711	2.10	160°20'46"	278216.9770	8653942.2583

1711	1711-1712	2.03	165°57'50"	278216.4565	8653944.2898
1712	1712-1713	.80	161°33'54"	278216.4445	8653946.3242
1713	1713-1714	2.10	184°23'55"	278216.6943	8653947.0886
1714	1714-1715	1.27	157°9'59"	278217.1909	8653949.1260
1715	1715-1716	1.14	190°18'17"	278217.9478	8653950.1477
1716	1716-1717	1.27	169°41'43"	278218.4504	8653951.1679

1717	1717-1718	2.16	171°52'12"	278219.2073	8653952.1896
1718	1718-1719	.92	191°18'36"	278220.7241	8653953.7244
1719	1719-1720	1.08	168°41'24"	278221.2282	8653954.4903
1720	1720-1721	.80	153°26'6"	278221.9866	8653955.2577
1721	1721-1722	1.83	195°15'18"	278222.7480	8653955.5165
1722	1722-1723	1.27	183°10'47"	278224.2678	8653956.5427
1723	1723-1724	3.60	188°7'48"	278225.2806	8653957.3116
1724	1724-1725	2.54	188°7'48"	278227.8086	8653959.8696
1725	1725-1726	2.97	185°54'22"	278229.3224	8653961.9130
1726	1726-1727	2.98	190°58'50"	278230.8332	8653964.4650
1727	1727-1728	3.39	186°59'19"	278231.8339	8653967.2683
1728	1728-1729	3.31	192°59'41"	278232.5774	8653970.5787
1729	1729-1730	2.84	190°18'17"	278232.5579	8653973.8846
1730	1730-1731	2.34	182°13'26"	278232.0328	8653976.6790
1731	1731-1732	1.78	167°28'16"	278231.5107	8653978.9647
1732	1732-1733	1.05	194°2'10"	278231.5002	8653980.7448
1733	1733-1734	.57	192°31'44"	278231.2399	8653981.7605
1734	1734-1735	.57	216°52'12"	278230.9826	8653982.2676
1735	1735-1736	5.09	206°33'54"	278230.4725	8653982.5189
1736	1736-1737	1.80	188°7'48"	278225.3865	8653982.4889
1737	1737-1738	3.22	190°18'17"	278223.6079	8653982.2241
1738	1738-1739	1.71	188°7'48"	278220.5622	8653981.1889
1739	1739-1740	1.94	176°38'1"	278219.0409	8653980.4170
1740	1740-1741	1.85	172°44'48"	278217.2653	8653979.6436
1741	1741-1742	1.94	187°15'12"	278215.4882	8653979.1245
1742	1742-1743	2.05	186°32'47"	278213.7126	8653978.3511
1743	1743-1744	1.83	183°56'43"	278211.9385	8653977.3234
1744	1744-1745	2.50	170°16'21"	278210.4187	8653976.2972
1745	1745-1746	6.61	178°39'27"	278208.1359	8653975.2666
1746	1746-1747	2.74	179°10'54"	278202.0477	8653972.6876
1747	1747-1748	2.34	170°43'39"	278199.5107	8653971.6554
1748	1748-1749	1.80	175°36'5"	278197.2250	8653971.1333
1749	1749-1750	3.81	171°52'12"	278195.4464	8653970.8685
1750	1750-1751	1.05	165°57'50"	278191.6318	8653970.8460
1751	1751-1752	1.37	172°14'5"	278190.6131	8653971.0943
1752	1752-1753	2.17	181°14'43"	278189.3386	8653971.5954
1753	1753-1754	2.50	176°35'37"	278187.2997	8653972.3463
1754	1754-1755	2.40	171°57'26"	278185.0050	8653973.3501
1755	1755-1756	2.16	167°0'19"	278182.9631	8653974.6096
1756	1756-1757	2.17	155°33'22"	278181.4283	8653976.1264
1757	1757-1758	2.81	164°38'18"	278180.6534	8653978.1563
1758	1758-1759	3.34	166°3'34"	278180.3826	8653980.9521
1759	1759-1760	3.07	164°18'8"	278180.8717	8653984.2610
1760	1760-1761	3.88	172°50'11"	278182.1268	8653987.0658

1761	1761-1762	4.17	174°2'20"	278184.1417	8653990.3837
1762	1762-1763	4.14	170°4'45"	278186.6652	8653993.7047
1763	1763-1764	3.97	177°17'42"	278189.7004	8653996.5200
1764	1764-1765	4.23	172°55'47"	278192.7370	8653999.0810
1765	1765-1766	4.10	177°0'35"	278196.2837	8654001.3906
1766	1766-1767	3.75	178°33'21"	278199.8319	8654003.4460
1767	1767-1768	3.87	174°53'52"	278203.1274	8654005.2456
1768	1768-1769	3.75	185°6'8"	278206.6786	8654006.7924

1769	1769-1770	7.07	181°57'20"	278209.9740	8654008.5920
1770	1770-1771	3.32	182°12'53"	278216.0563	8654012.1882
1771	1771-1772	2.90	185°24'14"	278218.8431	8654013.9848
1772	1772-1773	2.54	178°59'42"	278221.1213	8654015.7784
1773	1773-1774	2.52	188°7'48"	278223.1467	8654017.3162
1774	1774-1775	2.34	175°36'5"	278224.9163	8654019.1068
1775	1775-1776	1.99	179°12'15"	278226.6875	8654020.6431
1776	1776-1777	1.80	185°11'40"	278228.2058	8654021.9236
1777	1777-1778	1.63	173°39'35"	278229.4698	8654023.2026
1778	1778-1779	2.54	178°12'36"	278230.7353	8654024.2273
1779	1779-1780	1.08	188°7'48"	278232.7607	8654025.7651
1780	1780-1781	1.48	165°57'50"	278233.5191	8654026.5325
1781	1781-1782	2.27	212°28'16"	278234.7861	8654027.3029
1782	1782-1783	1.48	175°36'5"	278235.7913	8654029.3433
1783	1783-1784	1.94	187°45'55"	278236.5468	8654030.6193
1784	1784-1785	2.34	190°40'11"	278237.2992	8654032.4039
1785	1785-1786	2.30	186°11'19"	278237.7943	8654034.6956
1786	1786-1787	5.34	186°20'25"	278238.0351	8654036.9858
1787	1787-1788	2.81	185°11'40"	278238.0036	8654042.3262
1788	1788-1789	2.66	191°30'17"	278237.7328	8654045.1220
1789	1789-1790	2.98	183°17'2"	278236.9549	8654047.6605
1790	1790-1791	2.74	181°49'6"	278235.9212	8654050.4518
1791	1791-1792	2.50	182°9'40"	278234.8891	8654052.9888
1792	1792-1793	2.40	188°2'34"	278233.8584	8654055.2716
1793	1793-1794	1.83	181°41'5"	278232.5749	8654057.2985
1794	1794-1795	1.71	172°52'30"	278231.5487	8654058.8183
1795	1795-1	1.78	153°26'6"	278230.7768	8654060.3396

Abril de 2021

**DIRECCIÓN DE PATRIMONIO HISTÓRICO INMUEBLE.**