

Prospect : CHIBA-KEN CHIKAKOUZOUCHOUA'02  
 Spheroid : BESSEL  
 Semi Major Axis : 6377397.15500 m  
 Semi Minor Axis : 6356078.96300 m  
 Projection : Transverse Mercator  
 Origin Latitude : 36-00-00.000 N  
 Origin Longitude : 139-50-00.000 E  
 Zone Number : 9  
 Scale Factor : 0.999900  
 False Northing : 0.000 m  
 False Easting : 0.000 m

No.	Latitude	Longitude	East(m)	North(m)	Elev(m)	Dist(m)	Hd(D)
1	35 29 19.48N	140 05 29.08E	23413.4	-56683.6	8.9	0.0	0.0
2	35 29 20.07N	140 05 29.76E	23430.6	-56665.4	6.5	25.0	43.4
3	35 29 20.65N	140 05 30.46E	23448.0	-56647.4	8.3	25.0	44.0
4	35 29 21.23N	140 05 31.16E	23465.6	-56629.7	7.4	25.0	44.8
5	35 29 21.80N	140 05 31.86E	23483.2	-56612.0	7.8	25.0	44.8
6	35 29 22.35N	140 05 32.51E	23499.5	-56595.0	7.4	23.6	43.8
7	35 29 23.02N	140 05 33.28E	23518.9	-56574.2	7.1	28.4	43.0
8	35 29 23.55N	140 05 33.87E	23533.8	-56558.0	6.9	22.0	42.6
9	35 29 24.13N	140 05 34.47E	23548.8	-56540.0	6.7	23.4	39.8
10	35 29 24.88N	140 05 35.26E	23568.8	-56516.9	6.3	30.6	40.9
11	35 29 25.45N	140 05 35.89E	23584.6	-56499.2	6.1	23.7	41.8
12	35 29 26.01N	140 05 36.51E	23600.1	-56481.9	5.9	23.2	41.9
13	35 29 26.61N	140 05 37.18E	23617.0	-56463.4	5.7	25.1	42.4
14	35 29 27.21N	140 05 37.85E	23633.7	-56444.8	5.4	25.0	41.9
15	35 29 27.82N	140 05 38.51E	23650.3	-56426.0	5.3	25.1	41.4
16	35 29 28.43N	140 05 39.16E	23666.7	-56407.1	4.7	25.0	40.9
17	35 29 29.06N	140 05 39.83E	23683.4	-56387.9	5.2	25.4	41.0
18	35 29 29.65N	140 05 40.47E	23699.6	-56369.5	5.1	24.5	41.4
19	35 29 30.26N	140 05 41.13E	23716.1	-56350.7	5.0	25.0	41.3
20	35 29 30.87N	140 05 41.78E	23732.5	-56331.9	4.9	24.9	41.1
21	35 29 31.51N	140 05 42.40E	23748.0	-56312.2	4.9	25.1	38.2
22	35 29 32.23N	140 05 42.88E	23760.0	-56289.8	4.8	25.4	28.2
23	35 29 32.78N	140 05 43.62E	23778.8	-56272.9	3.6	25.3	48.0
24	35 29 33.41N	140 05 44.25E	23794.5	-56253.4	3.9	25.0	38.8
25	35 29 34.04N	140 05 44.88E	23810.4	-56234.1	4.4	25.0	39.5
26	35 29 34.65N	140 05 45.52E	23826.4	-56215.1	3.6	24.8	40.1
27	35 29 35.27N	140 05 46.17E	23842.9	-56196.1	3.5	25.2	41.0
28	35 29 35.87N	140 05 46.83E	23859.4	-56177.4	3.8	24.9	41.4
29	35 29 36.48N	140 05 47.49E	23875.9	-56158.6	4.6	25.0	41.3
30	35 29 37.08N	140 05 48.16E	23892.7	-56140.2	4.8	24.9	42.4

31	35	29	37.68N	140	05	48.83E	23909.5	-56121.7	5.0	25.0	42.2
32	35	29	38.34N	140	05	49.43E	23924.7	-56101.3	4.8	25.4	36.7
33	35	29	38.74N	140	05	49.34E	23922.5	-56089.0	5.4	12.5	349.9
34	35	29	39.33N	140	05	50.61E	23954.3	-56070.5	4.8	36.8	59.8
35	35	29	40.03N	140	05	51.75E	23982.9	-56049.0	5.0	35.8	53.1
36	35	29	40.53N	140	05	52.36E	23998.4	-56033.6	5.4	21.8	45.2
37	35	29	41.10N	140	05	53.07E	24016.2	-56016.0	5.9	25.0	45.3
38	35	29	41.67N	140	05	53.77E	24033.8	-55998.3	6.4	25.0	44.8
39	35	29	42.24N	140	05	54.48E	24051.5	-55980.6	6.7	25.0	45.0
40	35	29	42.80N	140	05	55.20E	24069.7	-55963.4	7.2	25.0	46.6
41	35	29	43.37N	140	05	55.92E	24087.7	-55945.9	7.5	25.1	45.8
42	35	29	43.91N	140	05	56.64E	24106.0	-55929.0	7.2	24.9	47.3
43	35	29	44.45N	140	05	57.37E	24124.2	-55912.3	7.3	24.7	47.5
44	35	29	45.04N	140	05	58.20E	24145.2	-55894.1	11.1	27.8	49.1
45	35	29	45.54N	140	05	58.86E	24161.7	-55878.7	12.4	22.6	47.0
46	35	29	46.09N	140	05	59.58E	24179.7	-55861.7	13.7	24.8	46.6
47	35	29	46.66N	140	06	00.28E	24197.5	-55844.1	14.6	25.0	45.3
48	35	29	46.88N	140	06	00.50E	24203.0	-55837.3	14.4	8.7	39.0
49	35	29	48.12N	140	06	01.95E	24239.4	-55798.9	14.1	52.9	43.5
50	35	29	48.44N	140	06	02.30E	24248.2	-55789.0	14.6	13.2	41.6
51	35	29	49.07N	140	06	02.94E	24264.3	-55769.8	13.6	25.1	40.0
52	35	29	49.69N	140	06	03.58E	24280.3	-55750.6	12.3	25.0	39.8
53	35	29	50.32N	140	06	04.19E	24295.5	-55730.9	10.8	24.9	37.7
54	35	29	50.96N	140	06	04.81E	24311.3	-55711.4	9.1	25.1	39.0
55	35	29	51.57N	140	06	05.47E	24327.7	-55692.4	7.9	25.1	40.8
56	35	29	52.20N	140	06	06.10E	24343.5	-55673.0	6.3	25.0	39.2
57	35	29	52.80N	140	06	06.76E	24360.2	-55654.4	6.3	25.0	41.9
58	35	29	53.71N	140	06	07.71E	24384.1	-55626.3	6.9	36.9	40.4
59	35	29	54.03N	140	06	08.06E	24392.8	-55616.6	6.2	13.0	41.9
60	35	29	54.63N	140	06	08.72E	24409.3	-55597.9	6.2	24.9	41.4
61	35	29	55.22N	140	06	09.39E	24426.3	-55579.6	6.5	25.0	42.9
62	35	29	55.82N	140	06	10.08E	24443.5	-55561.1	6.4	25.3	42.9
63	35	29	56.60N	140	06	10.57E	24455.8	-55537.0	6.3	27.1	27.0
64	35	29	57.37N	140	06	11.05E	24467.8	-55513.2	6.3	26.7	26.8
65	35	29	57.61N	140	06	12.10E	24494.2	-55506.0	6.2	27.4	74.7
66	35	29	58.20N	140	06	12.77E	24511.2	-55487.6	6.1	25.1	42.7
67	35	29	59.04N	140	06	13.71E	24534.8	-55461.7	5.9	35.0	42.3
68	35	29	59.40N	140	06	14.11E	24544.8	-55450.7	5.2	14.9	42.3
69	35	29	59.93N	140	06	14.20E	24547.1	-55434.2	5.5	16.7	7.9
70	35	30	00.71N	140	06	15.32E	24575.2	-55410.2	5.4	37.0	49.5
71	35	30	01.17N	140	06	16.15E	24596.0	-55395.8	5.3	25.3	55.3
72	35	30	01.77N	140	06	16.84E	24613.3	-55377.5	5.3	25.2	43.4
73	35	30	02.35N	140	06	17.52E	24630.4	-55359.5	5.1	24.8	43.5
74	35	30	02.93N	140	06	18.21E	24647.8	-55341.4	5.1	25.1	43.9
75	35	30	03.52N	140	06	18.89E	24665.0	-55323.3	5.1	25.0	43.5
76	35	30	05.07N	140	06	19.87E	24689.4	-55275.5	6.0	53.7	27.0
77	35	30	04.84N	140	06	20.14E	24696.4	-55282.4	6.0	9.8	134.6
78	35	30	05.27N	140	06	20.97E	24717.1	-55269.2	5.0	24.6	57.5
79	35	30	05.82N	140	06	21.69E	24735.2	-55252.1	5.1	24.9	46.6
80	35	30	06.38N	140	06	22.41E	24753.4	-55234.9	5.1	25.0	46.6

81	35	30	06.94N	140	06	23.14E	24771.6	-55217.7	5.2	25.0	46.6
82	35	30	07.49N	140	06	23.86E	24789.9	-55200.5	5.0	25.1	46.8
83	35	30	08.04N	140	06	24.58E	24808.0	-55183.5	5.1	24.8	46.8
84	35	30	08.62N	140	06	25.29E	24825.7	-55165.7	5.0	25.1	44.8
85	35	30	09.18N	140	06	26.00E	24843.6	-55148.4	5.1	24.9	46.0
86	35	30	09.74N	140	06	26.73E	24862.0	-55131.2	6.4	25.2	46.9
87	35	30	10.31N	140	06	27.44E	24879.8	-55113.6	6.4	25.0	45.3
88	35	30	10.87N	140	06	28.15E	24897.7	-55096.3	6.4	24.9	46.0
89	35	30	11.43N	140	06	28.86E	24915.5	-55078.9	6.4	24.9	45.7
90	35	30	11.98N	140	06	29.59E	24933.9	-55061.9	6.4	25.1	47.3
91	35	30	12.50N	140	06	30.28E	24951.1	-55045.9	5.5	23.5	47.1
92	35	30	13.21N	140	06	30.85E	24965.5	-55024.0	5.5	26.2	33.3
93	35	30	13.48N	140	06	30.90E	24966.7	-55015.6	5.4	8.5	8.1
94	35	30	14.16N	140	06	32.55E	25008.1	-54994.5	5.0	46.5	63.0
95	35	30	14.68N	140	06	33.30E	25027.1	-54978.5	5.0	24.8	49.9
96	35	30	15.20N	140	06	34.05E	25046.0	-54962.3	5.0	24.9	49.4
97	35	30	15.73N	140	06	34.81E	25065.0	-54945.9	5.0	25.1	49.2
98	35	30	16.25N	140	06	35.57E	25084.1	-54929.9	5.3	24.9	50.0
99	35	30	17.30N	140	06	35.76E	25088.9	-54897.5	6.2	32.8	8.4
100	35	30	17.52N	140	06	36.88E	25116.9	-54890.8	5.0	28.8	76.5
101	35	30	17.81N	140	06	37.86E	25141.7	-54881.7	6.3	26.4	69.9
102	35	30	18.32N	140	06	38.63E	25161.1	-54865.9	6.3	25.0	50.8
103	35	30	18.82N	140	06	39.41E	25180.7	-54850.3	6.1	25.1	51.5
104	35	30	19.33N	140	06	40.19E	25200.2	-54834.7	5.1	25.0	51.3
105	35	30	19.82N	140	06	40.98E	25220.0	-54819.5	5.3	25.0	52.5
106	35	30	20.30N	140	06	41.77E	25240.0	-54804.5	5.5	25.0	53.1
107	35	30	20.81N	140	06	42.56E	25259.8	-54789.0	5.6	25.1	51.9
108	35	30	21.27N	140	06	43.28E	25278.0	-54774.8	5.8	23.1	52.0
109	35	30	21.98N	140	06	44.41E	25306.3	-54752.6	6.1	36.0	51.9
110	35	30	22.30N	140	06	44.90E	25318.6	-54742.7	6.1	15.8	51.2
111	35	30	22.80N	140	06	45.68E	25338.3	-54727.2	6.0	25.1	51.8
112	35	30	23.31N	140	06	46.46E	25357.9	-54711.6	5.9	25.1	51.5
113	35	30	23.81N	140	06	47.25E	25377.7	-54696.2	5.8	25.1	52.1
114	35	30	24.32N	140	06	48.02E	25397.0	-54680.4	6.0	24.9	50.7
115	35	30	24.83N	140	06	48.80E	25416.7	-54664.7	5.9	25.2	51.4
116	35	30	25.33N	140	06	49.57E	25436.0	-54649.2	5.9	24.8	51.2
117	35	30	25.84N	140	06	50.34E	25455.4	-54633.3	6.0	25.1	50.7
118	35	30	26.36N	140	06	51.11E	25474.7	-54617.4	6.0	25.0	50.5
119	35	30	26.87N	140	06	51.88E	25494.0	-54601.4	6.1	25.1	50.3
120	35	30	27.39N	140	06	52.63E	25512.9	-54585.5	6.0	24.7	49.9
121	35	30	27.90N	140	06	53.40E	25532.4	-54569.6	6.2	25.2	50.8
122	35	30	28.37N	140	06	54.08E	25549.4	-54555.0	6.2	22.4	49.3
123	35	30	28.96N	140	06	54.92E	25570.4	-54536.8	6.2	27.8	49.1
124	35	30	29.49N	140	06	55.66E	25589.1	-54520.4	6.2	24.9	48.7
125	35	30	30.03N	140	06	56.41E	25607.9	-54503.9	6.3	25.0	48.7
126	35	30	30.56N	140	06	57.14E	25626.4	-54487.3	6.3	24.9	48.1
127	35	30	31.27N	140	06	57.66E	25639.3	-54465.5	6.0	25.3	30.6
128	35	30	32.06N	140	06	57.96E	25646.9	-54441.0	6.0	25.7	17.2
129	35	30	32.84N	140	06	58.26E	25654.3	-54417.0	6.0	25.1	17.1
130	35	30	33.61N	140	06	58.56E	25661.7	-54393.2	6.0	24.9	17.3

131	35 30 34.39N	140 06 58.85E	25669.0	-54369.3	6.0	25.0	17.0
132	35 30 35.16N	140 06 59.14E	25676.3	-54345.4	6.1	25.0	17.0
133	35 30 35.94N	140 06 59.43E	25683.6	-54321.5	6.0	25.0	17.0
134	35 30 36.83N	140 06 59.80E	25692.8	-54294.0	6.1	29.0	18.5
135	35 30 37.47N	140 07 00.09E	25700.0	-54274.2	6.2	21.1	20.0
136	35 30 38.20N	140 07 00.53E	25711.0	-54251.7	6.2	25.0	26.1
137	35 30 38.82N	140 07 00.56E	25711.8	-54232.6	5.4	19.1	2.4
138	35 30 39.05N	140 07 00.51E	25710.4	-54225.6	5.4	7.1	348.7
139	35 30 40.30N	140 07 02.05E	25749.1	-54186.9	5.9	54.7	45.0
140	35 30 41.03N	140 07 02.48E	25760.0	-54164.5	5.8	24.9	25.9
141	35 30 41.75N	140 07 02.93E	25771.1	-54142.1	5.8	25.0	26.4
142	35 30 42.48N	140 07 03.37E	25782.1	-54119.7	5.8	25.0	26.2
143	35 30 43.16N	140 07 03.77E	25792.2	-54098.8	5.8	23.2	25.8
144	35 30 43.93N	140 07 04.24E	25804.1	-54074.9	5.7	26.7	26.5
145	35 30 44.66N	140 07 04.68E	25815.1	-54052.3	5.7	25.1	26.0
146	35 30 45.39N	140 07 05.12E	25826.1	-54029.9	5.7	25.0	26.2
147	35 30 46.12N	140 07 05.56E	25837.0	-54007.4	5.7	25.0	25.8
148	35 30 46.85N	140 07 06.00E	25848.0	-53984.9	5.6	25.0	26.1
149	35 30 47.57N	140 07 06.43E	25858.9	-53962.6	5.6	24.8	26.0
150	35 30 48.30N	140 07 06.88E	25870.0	-53940.1	5.6	25.1	26.3
151	35 30 49.03N	140 07 07.31E	25880.9	-53917.5	5.7	25.1	25.7
152	35 30 49.75N	140 07 07.79E	25892.9	-53895.3	5.6	25.2	28.4
153	35 30 50.36N	140 07 08.44E	25909.3	-53876.6	5.5	24.9	41.3
154	35 30 50.96N	140 07 09.11E	25926.1	-53858.0	5.5	25.1	42.1
155	35 30 51.56N	140 07 09.78E	25943.0	-53839.5	5.5	25.1	42.4
156	35 30 52.16N	140 07 10.45E	25959.7	-53820.9	5.4	25.0	41.9
157	35 30 52.76N	140 07 11.12E	25976.5	-53802.4	5.4	25.0	42.2
158	35 30 53.36N	140 07 11.79E	25993.4	-53783.9	5.5	25.1	42.4
159	35 30 54.00N	140 07 12.40E	26008.7	-53764.0	4.6	25.1	37.6
160	35 30 54.84N	140 07 13.28E	26030.8	-53738.1	5.1	34.0	40.5
161	35 30 55.20N	140 07 13.74E	26042.4	-53727.1	4.6	16.0	46.5
162	35 30 55.72N	140 07 14.42E	26059.5	-53710.8	5.5	23.6	46.4
163	35 30 56.36N	140 07 15.13E	26077.3	-53691.2	5.4	26.5	42.2
164	35 30 56.85N	140 07 15.68E	26091.1	-53675.9	5.4	20.6	42.0
165	35 30 57.56N	140 07 16.47E	26110.9	-53654.1	5.4	29.4	42.2
166	35 30 58.15N	140 07 17.14E	26127.7	-53635.7	5.4	24.9	42.4
167	35 30 58.75N	140 07 17.81E	26144.6	-53617.2	5.4	25.1	42.4
168	35 30 59.36N	140 07 18.47E	26161.1	-53598.5	5.2	24.9	41.4
169	35 30 59.95N	140 07 19.15E	26178.1	-53580.1	5.3	25.1	42.7
170	35 31 00.55N	140 07 19.82E	26194.9	-53561.6	5.3	25.0	42.2
171	35 31 01.16N	140 07 20.49E	26211.9	-53542.9	5.3	25.3	42.3
172	35 31 01.34N	140 07 20.70E	26217.0	-53537.3	5.3	7.6	42.3
173	35 31 02.35N	140 07 21.83E	26245.5	-53505.9	5.4	42.4	42.2
174	35 31 02.95N	140 07 22.50E	26262.3	-53487.4	5.3	25.0	42.2
175	35 31 03.55N	140 07 23.17E	26279.0	-53468.9	5.4	24.9	42.1
176	35 31 04.12N	140 07 23.79E	26294.8	-53451.3	5.2	23.7	41.9
177	35 31 04.77N	140 07 24.49E	26312.2	-53431.4	4.7	26.4	41.2
178	35 31 05.37N	140 07 25.15E	26328.8	-53412.8	4.7	24.9	41.7
179	35 31 05.95N	140 07 25.84E	26346.1	-53394.7	5.3	25.0	43.7
180	35 31 06.55N	140 07 26.51E	26363.1	-53376.2	5.4	25.1	42.6

181	35	31	07.15N	140	07	27.18E	26379.7	-53357.7	5.3	24.9	41.9
182	35	31	07.75N	140	07	27.84E	26396.5	-53339.1	5.3	25.1	42.1
183	35	31	08.35N	140	07	28.51E	26413.3	-53320.6	5.4	25.0	42.2
184	35	31	08.95N	140	07	29.18E	26430.1	-53302.2	5.3	24.9	42.4
185	35	31	09.55N	140	07	29.85E	26446.9	-53283.5	5.3	25.1	41.9
186	35	31	10.16N	140	07	30.53E	26463.9	-53264.7	5.3	25.3	42.1
187	35	31	10.75N	140	07	31.19E	26480.4	-53246.5	5.3	24.6	42.2
188	35	31	11.35N	140	07	31.85E	26497.2	-53228.1	5.3	24.9	42.4
189	35	31	11.95N	140	07	32.52E	26514.0	-53209.5	5.3	25.1	42.1
190	35	31	12.55N	140	07	33.19E	26530.8	-53190.9	5.3	25.1	42.1
191	35	31	13.15N	140	07	33.86E	26547.5	-53172.3	5.3	25.0	41.9
192	35	31	13.75N	140	07	34.52E	26564.2	-53153.8	5.3	24.9	42.1
193	35	31	14.65N	140	07	35.30E	26583.6	-53126.0	5.4	33.9	34.9
194	35	31	14.99N	140	07	35.65E	26592.4	-53115.5	5.4	13.7	40.0
195	35	31	15.64N	140	07	36.42E	26611.9	-53095.6	5.5	27.9	44.4
196	35	31	16.26N	140	07	37.05E	26627.6	-53076.2	5.7	25.0	39.0
197	35	31	16.91N	140	07	37.77E	26645.8	-53056.2	5.8	27.0	42.3
198	35	31	17.47N	140	07	38.37E	26660.7	-53038.8	5.9	22.9	40.6
199	35	31	18.96N	140	07	39.00E	26676.5	-52993.1	6.0	48.4	19.1
200	35	31	19.01N	140	07	39.07E	26678.2	-52991.4	5.9	2.4	45.0
201	35	31	19.35N	140	07	40.16E	26705.8	-52981.0	6.4	29.5	69.4
202	35	31	19.81N	140	07	40.56E	26715.7	-52966.7	6.3	17.4	34.7
203	35	31	20.93N	140	07	40.76E	26720.7	-52932.2	5.7	34.9	8.2
204	35	31	21.61N	140	07	41.37E	26736.0	-52911.0	5.6	26.1	35.8
205	35	31	22.26N	140	07	41.96E	26750.8	-52891.0	5.5	24.9	36.5
206	35	31	22.59N	140	07	43.19E	26781.7	-52880.9	5.4	32.5	71.9
207	35	31	23.83N	140	07	44.23E	26807.8	-52842.6	5.7	46.3	34.3
208	35	31	25.01N	140	07	43.88E	26798.9	-52806.2	4.2	37.5	346.3
209	35	31	25.02N	140	07	44.08E	26803.9	-52805.8	5.2	5.0	85.4
210	35	31	25.68N	140	07	44.67E	26818.7	-52785.6	4.7	25.0	36.2
211	35	31	26.33N	140	07	45.27E	26833.8	-52765.3	4.6	25.3	36.6
212	35	31	26.99N	140	07	45.85E	26848.2	-52745.1	4.5	24.8	35.5
213	35	31	27.65N	140	07	46.42E	26862.7	-52724.7	4.5	25.0	35.4
214	35	31	28.30N	140	07	47.02E	26877.6	-52704.7	4.7	24.9	36.7
215	35	31	28.96N	140	07	47.60E	26892.2	-52684.3	4.7	25.1	35.6
216	35	31	29.61N	140	07	48.19E	26907.0	-52664.1	4.7	25.0	36.2
217	35	31	30.27N	140	07	48.77E	26921.6	-52643.8	4.7	25.0	35.7
218	35	31	30.92N	140	07	49.36E	26936.3	-52623.6	4.7	25.0	36.0
219	35	31	31.58N	140	07	49.94E	26951.0	-52603.4	4.8	25.0	36.0
220	35	31	32.23N	140	07	50.53E	26965.6	-52583.1	4.8	25.0	35.7
221	35	31	32.89N	140	07	51.11E	26980.2	-52562.8	4.8	25.0	35.7
222	35	31	33.54N	140	07	51.70E	26995.0	-52542.6	4.7	25.0	36.2
223	35	31	34.20N	140	07	52.29E	27009.8	-52522.3	4.8	25.1	36.1
224	35	31	34.87N	140	07	52.86E	27024.1	-52501.7	4.6	25.1	34.8
225	35	31	35.52N	140	07	53.44E	27038.6	-52481.7	4.7	24.7	35.9
226	35	31	36.17N	140	07	54.03E	27053.4	-52461.4	4.8	25.1	36.1
227	35	31	36.83N	140	07	54.61E	27068.0	-52441.2	4.7	24.9	35.9
228	35	31	37.48N	140	07	55.19E	27082.7	-52421.0	4.8	25.0	36.0
229	35	31	37.77N	140	07	55.45E	27089.0	-52412.0	4.8	11.0	35.0
230	35	31	38.81N	140	07	56.35E	27111.7	-52380.1	4.8	39.2	35.4

231	35	31	39.31N	140	07	56.75E	27121.6	-52364.5	4.8	18.5	32.4
232	35	31	40.11N	140	07	57.53E	27141.4	-52340.0	4.6	31.5	38.9
233	35	31	40.76N	140	07	58.11E	27155.9	-52319.7	4.5	24.9	35.5
234	35	31	41.31N	140	07	58.90E	27175.7	-52302.8	4.7	26.0	49.5
235	35	31	41.97N	140	07	59.49E	27190.5	-52282.3	4.7	25.3	35.8
236	35	31	42.61N	140	08	00.06E	27204.8	-52262.5	4.7	24.4	35.8
237	35	31	43.27N	140	08	00.64E	27219.4	-52242.4	4.7	24.8	36.0
238	35	31	44.03N	140	08	01.32E	27236.4	-52218.8	4.7	29.1	35.8
239	35	31	44.61N	140	08	01.83E	27249.3	-52200.9	4.7	22.1	35.8
240	35	31	45.29N	140	08	02.44E	27264.6	-52179.8	4.7	26.1	35.9
241	35	31	45.91N	140	08	02.99E	27278.2	-52160.8	4.7	23.4	35.6
242	35	31	46.56N	140	08	03.57E	27292.8	-52140.7	4.7	24.8	36.0
243	35	31	47.20N	140	08	04.20E	27308.6	-52120.8	4.7	25.4	38.4
244	35	31	47.85N	140	08	04.74E	27322.2	-52100.7	4.7	24.3	34.1
245	35	31	48.44N	140	08	05.30E	27336.1	-52082.6	4.5	22.8	37.5
246	35	31	49.18N	140	08	05.92E	27351.8	-52059.7	4.6	27.8	34.4
247	35	31	49.78N	140	08	06.46E	27365.4	-52041.3	4.6	22.9	36.5
248	35	31	50.48N	140	08	07.10E	27381.3	-52019.7	4.3	26.8	36.4
249	35	31	51.34N	140	08	08.00E	27404.0	-51992.9	4.9	35.1	40.3
250	35	31	51.76N	140	08	08.04E	27404.8	-51980.1	4.9	12.8	3.6
251	35	31	52.54N	140	08	08.72E	27421.9	-51956.1	5.4	29.5	35.5
252	35	31	53.19N	140	08	09.30E	27436.5	-51936.0	5.4	24.8	36.0
253	35	31	53.85N	140	08	09.87E	27450.8	-51915.5	5.0	25.0	34.9
254	35	31	54.47N	140	08	10.44E	27465.0	-51896.3	5.0	23.9	36.5
255	35	31	55.08N	140	08	10.97E	27478.5	-51877.6	4.9	23.1	35.8
256	35	31	56.13N	140	08	11.91E	27502.0	-51845.0	4.8	40.2	35.8
257	35	31	56.47N	140	08	12.22E	27509.8	-51834.6	4.8	13.0	36.9
258	35	31	57.12N	140	08	12.81E	27524.5	-51814.4	4.8	25.0	36.0
259	35	31	57.73N	140	08	13.35E	27538.0	-51795.7	4.9	23.1	35.8
260	35	31	58.39N	140	08	13.92E	27552.5	-51775.2	5.1	25.1	35.3
261	35	31	58.96N	140	08	14.41E	27564.6	-51757.6	5.2	21.4	34.5
262	35	31	59.78N	140	08	15.08E	27581.6	-51732.3	4.9	30.5	33.9
263	35	32	00.44N	140	08	15.67E	27596.4	-51712.1	4.9	25.0	36.2
264	35	32	01.13N	140	08	16.19E	27609.3	-51690.6	4.9	25.1	31.0
265	35	32	01.79N	140	08	16.77E	27623.9	-51670.3	5.0	25.0	35.7
266	35	32	02.45N	140	08	17.37E	27638.8	-51650.0	5.1	25.2	36.3
267	35	32	03.12N	140	08	17.93E	27652.9	-51629.4	4.9	25.0	34.4
268	35	32	03.77N	140	08	18.53E	27668.0	-51609.3	4.8	25.1	36.9
269	35	32	04.42N	140	08	19.12E	27682.8	-51589.2	5.0	25.0	36.4
270	35	32	05.04N	140	08	19.77E	27699.1	-51570.0	4.9	25.2	40.3
271	35	32	05.71N	140	08	20.34E	27713.5	-51549.3	4.9	25.2	34.8
272	35	32	06.36N	140	08	20.93E	27728.3	-51529.2	4.9	25.0	36.4
273	35	32	07.01N	140	08	21.53E	27743.3	-51509.2	4.9	25.0	36.9
274	35	32	07.66N	140	08	22.11E	27757.9	-51489.1	5.0	24.8	36.0
275	35	32	08.32N	140	08	22.70E	27772.5	-51468.8	5.0	25.0	35.7
276	35	32	08.97N	140	08	23.29E	27787.4	-51448.6	5.0	25.1	36.4
277	35	32	09.68N	140	08	23.80E	27800.1	-51426.8	5.1	25.2	30.2
278	35	32	10.28N	140	08	24.46E	27816.6	-51408.0	5.1	25.0	41.3
279	35	32	10.94N	140	08	25.03E	27831.0	-51387.6	5.1	25.0	35.2
280	35	32	11.44N	140	08	25.48E	27842.2	-51372.2	5.0	19.0	36.0

281	35	32	12.26N	140	08	26.20E	27860.4	-51347.0	5.0	31.1	35.8
282	35	32	12.91N	140	08	26.78E	27874.9	-51326.8	5.0	24.9	35.7
283	35	32	13.56N	140	08	27.37E	27889.8	-51306.7	5.0	25.0	36.5
284	35	32	14.23N	140	08	27.95E	27904.3	-51286.3	5.0	25.0	35.4
285	35	32	14.88N	140	08	28.53E	27918.9	-51266.1	4.8	24.9	35.9
286	35	32	15.45N	140	08	29.28E	27937.7	-51248.5	4.9	25.8	46.9
287	35	32	15.95N	140	08	30.06E	27957.3	-51233.0	6.1	25.0	51.7
288	35	32	15.75N	140	08	31.03E	27981.6	-51239.2	6.1	25.1	104.3
289	35	32	16.11N	140	08	32.14E	28009.6	-51227.9	5.2	30.2	68.0
290	35	32	16.72N	140	08	32.76E	28025.1	-51209.1	7.3	24.4	39.5
291	35	32	17.47N	140	08	33.13E	28034.4	-51185.8	7.1	25.1	21.8
292	35	32	18.23N	140	08	33.49E	28043.4	-51162.4	6.8	25.1	21.0
293	35	32	18.95N	140	08	33.96E	28055.2	-51140.2	6.5	25.1	28.0
294	35	32	19.61N	140	08	34.52E	28069.3	-51119.7	6.3	24.9	34.5
295	35	32	20.23N	140	08	35.19E	28086.0	-51100.8	6.1	25.2	41.5
296	35	32	20.77N	140	08	35.92E	28104.3	-51084.1	5.7	24.8	47.6
297	35	32	21.30N	140	08	36.67E	28123.2	-51067.7	5.6	25.0	49.1
298	35	32	21.83N	140	08	37.47E	28143.3	-51051.2	5.5	26.0	50.6
299	35	32	22.11N	140	08	37.87E	28153.3	-51042.5	5.4	13.3	49.0
300	35	32	23.32N	140	08	39.30E	28189.3	-51005.2	5.3	51.8	44.0
301	35	32	23.42N	140	08	39.71E	28199.6	-51002.1	5.2	10.8	73.2
302	35	32	24.03N	140	08	40.56E	28221.0	-50983.3	4.6	28.5	48.7
303	35	32	24.55N	140	08	41.32E	28239.9	-50967.0	4.5	25.0	49.2
304	35	32	25.88N	140	08	42.52E	28270.1	-50925.9	5.2	51.0	36.3
305	35	32	26.21N	140	08	42.42E	28267.5	-50915.9	5.2	10.3	345.4
306	35	32	26.48N	140	08	42.92E	28280.1	-50907.5	5.2	15.1	56.3
307	35	32	27.00N	140	08	43.61E	28297.5	-50891.3	5.6	23.8	47.0
308	35	32	27.35N	140	08	45.31E	28340.3	-50880.5	5.4	44.1	75.8
309	35	32	27.71N	140	08	45.90E	28354.9	-50869.3	5.8	18.4	52.5
310	35	32	28.41N	140	08	46.89E	28379.9	-50847.6	5.9	33.1	49.0
311	35	32	28.73N	140	08	47.34E	28391.1	-50837.9	5.9	14.8	49.1
312	35	32	29.29N	140	08	48.11E	28410.5	-50820.6	5.9	26.0	48.3
313	35	32	29.76N	140	08	48.73E	28426.0	-50806.1	5.5	21.2	46.9
314	35	32	30.59N	140	08	49.79E	28452.6	-50780.3	5.3	37.1	45.9
315	35	32	31.02N	140	08	50.29E	28465.2	-50767.0	5.0	18.3	43.5
316	35	32	31.58N	140	08	50.91E	28480.7	-50749.8	6.1	23.2	42.0
317	35	32	32.16N	140	08	51.60E	28498.0	-50731.7	6.1	25.0	43.7
318	35	32	32.77N	140	08	52.27E	28514.9	-50713.0	6.2	25.2	42.1
319	35	32	33.63N	140	08	53.35E	28542.1	-50686.5	6.0	38.0	45.7
320	35	32	33.94N	140	08	53.64E	28549.2	-50676.8	5.8	12.0	36.2
321	35	32	34.62N	140	08	54.17E	28562.7	-50655.8	5.7	25.0	32.7
322	35	32	35.35N	140	08	54.59E	28573.1	-50633.2	6.1	24.9	24.7
323	35	32	36.02N	140	08	54.86E	28579.9	-50612.7	6.7	21.6	18.4
324	35	32	36.76N	140	08	55.09E	28585.6	-50589.7	6.9	23.7	13.9
325	35	32	37.62N	140	08	55.85E	28604.5	-50563.3	6.6	32.5	35.6
326	35	32	38.20N	140	08	56.43E	28619.1	-50545.4	6.6	23.1	39.2
327	35	32	38.81N	140	08	57.09E	28635.7	-50526.4	6.5	25.2	41.1
328	35	32	39.56N	140	08	57.91E	28656.3	-50503.4	6.4	30.9	41.8
329	35	32	40.20N	140	08	58.63E	28674.4	-50483.5	6.4	26.9	42.3
330	35	32	40.61N	140	08	59.09E	28685.8	-50470.8	6.3	17.1	41.9

331	35	32	41.22N	140	08	59.75E	28702.4	-50452.1	6.5	25.0	41.6
332	35	32	41.71N	140	09	00.32E	28716.7	-50436.9	6.5	20.9	43.3
333	35	32	42.41N	140	09	01.08E	28735.9	-50415.1	6.3	29.0	41.4
334	35	32	43.01N	140	09	01.75E	28752.7	-50396.5	6.3	25.1	42.1
335	35	32	43.62N	140	09	02.41E	28769.3	-50377.7	6.4	25.1	41.4
336	35	32	44.22N	140	09	03.08E	28786.0	-50359.4	6.4	24.8	42.4
337	35	32	44.81N	140	09	03.75E	28802.8	-50340.9	6.4	25.0	42.2
338	35	32	45.49N	140	09	04.27E	28815.8	-50319.9	6.7	24.7	31.8
339	35	32	45.92N	140	09	04.97E	28833.5	-50306.6	6.8	22.1	53.1
340	35	32	46.83N	140	09	06.30E	28866.9	-50278.7	6.5	43.5	50.1
341	35	32	47.11N	140	09	06.53E	28872.7	-50269.9	6.5	10.5	33.4
342	35	32	47.73N	140	09	07.09E	28886.6	-50250.8	6.8	23.6	36.0
343	35	32	47.51N	140	09	08.04E	28910.7	-50257.5	6.8	25.0	105.5
344	35	32	47.64N	140	09	09.04E	28935.8	-50253.4	6.1	25.4	80.7
345	35	32	48.37N	140	09	09.48E	28946.9	-50231.0	5.3	25.0	26.4
346	35	32	48.62N	140	09	10.43E	28970.6	-50223.1	5.3	25.0	71.6
347	35	32	48.90N	140	09	11.36E	28994.0	-50214.4	5.4	25.0	69.6
348	35	32	49.23N	140	09	11.99E	29010.0	-50204.0	5.5	19.1	57.0
349	35	32	49.73N	140	09	13.06E	29036.7	-50188.5	5.4	30.9	59.9
350	35	32	50.26N	140	09	13.83E	29056.2	-50172.4	5.4	25.3	50.5
351	35	32	51.07N	140	09	13.82E	29055.7	-50147.3	6.0	25.1	358.9
352	35	32	51.86N	140	09	13.62E	29050.6	-50122.9	6.3	24.9	348.2
353	35	32	52.60N	140	09	14.01E	29060.5	-50100.0	6.1	24.9	23.4
354	35	32	53.28N	140	09	14.11E	29062.9	-50079.1	6.1	21.0	6.6
355	35	32	54.18N	140	09	13.96E	29059.1	-50051.4	5.9	28.0	352.2
356	35	32	54.48N	140	09	14.88E	29082.1	-50042.0	7.5	24.8	67.8
357	35	32	54.39N	140	09	15.86E	29106.9	-50044.9	7.7	25.0	96.7
358	35	32	55.44N	140	09	17.68E	29152.6	-50012.4	7.5	56.1	54.6
359	35	32	55.53N	140	09	19.22E	29191.4	-50009.4	7.4	38.9	85.6
360	35	32	55.76N	140	09	20.78E	29230.7	-50002.2	7.4	40.0	79.6
361	35	32	56.33N	140	09	23.47E	29298.4	-49984.5	7.4	70.0	75.3
362	35	32	56.41N	140	09	23.86E	29308.1	-49982.0	7.4	10.0	75.5
363	35	32	56.73N	140	09	25.40E	29346.9	-49971.9	7.6	40.1	75.4
364	35	32	57.06N	140	09	26.93E	29385.4	-49961.7	7.7	39.8	75.2
365	35	32	57.34N	140	09	28.25E	29418.5	-49953.0	7.7	34.2	75.3
366	35	32	57.69N	140	09	30.01E	29462.8	-49942.1	7.9	45.6	76.2
367	35	32	58.02N	140	09	31.55E	29501.6	-49931.6	7.9	40.2	74.9
368	35	32	58.35N	140	09	33.10E	29540.5	-49921.4	8.0	40.2	75.3
369	35	32	58.67N	140	09	34.63E	29579.1	-49911.3	8.1	39.9	75.3
370	35	32	59.00N	140	09	36.17E	29617.8	-49901.2	8.1	40.0	75.4
371	35	32	59.32N	140	09	37.70E	29656.4	-49891.0	8.3	39.9	75.2
372	35	32	59.41N	140	09	38.08E	29666.0	-49888.3	8.3	10.0	74.3
373	35	32	59.94N	140	09	40.79E	29734.1	-49871.7	9.9	70.1	76.3
374	35	33	00.23N	140	09	42.34E	29773.0	-49862.7	11.2	39.9	77.0
375	35	33	00.52N	140	09	43.88E	29811.8	-49853.5	12.6	39.9	76.7
376	35	33	00.82N	140	09	45.43E	29850.8	-49844.3	13.4	40.1	76.7
377	35	33	01.12N	140	09	46.98E	29889.7	-49834.9	14.2	40.0	76.4
378	35	33	01.46N	140	09	48.51E	29928.3	-49824.3	14.9	40.0	74.6
379	35	33	01.81N	140	09	50.04E	29966.7	-49813.4	15.8	39.9	74.2
380	35	33	02.15N	140	09	51.57E	30005.2	-49802.7	16.8	40.0	74.5



381	35	33	02.45N	140	09	53.11E	30044.1	-49793.3	17.9	40.0	76.4
382	35	33	02.67N	140	09	54.68E	30083.5	-49786.4	19.0	40.0	80.1
383	35	33	02.80N	140	09	56.27E	30123.6	-49782.3	20.0	40.3	84.2
384	35	33	02.85N	140	09	57.73E	30160.3	-49780.6	20.7	36.7	87.3
385	35	33	03.89N	140	09	58.82E	30187.8	-49748.5	20.4	42.3	40.6
386	35	33	05.19N	140	09	58.81E	30187.2	-49708.6	19.4	39.9	359.1
387	35	33	06.28N	140	09	58.79E	30186.7	-49674.8	18.5	33.8	359.2
388	35	33	07.78N	140	09	58.77E	30186.0	-49628.8	17.4	46.0	359.1
389	35	33	09.19N	140	09	58.51E	30179.4	-49585.3	16.3	44.0	351.4
390	35	33	10.28N	140	09	58.02E	30166.9	-49551.7	15.6	35.8	339.6
391	35	33	11.48N	140	09	57.35E	30149.9	-49514.9	15.8	40.5	335.2
392	35	33	12.66N	140	09	56.69E	30133.2	-49478.6	16.1	40.0	335.3
393	35	33	13.81N	140	09	55.95E	30114.5	-49443.2	16.4	40.0	332.2
394	35	33	15.18N	140	09	55.80E	30110.4	-49400.8	16.5	42.6	354.5
395	35	33	16.36N	140	09	55.14E	30093.6	-49364.5	16.8	40.0	335.2
396	35	33	17.54N	140	09	54.48E	30076.9	-49328.2	17.0	40.0	335.3
397	35	33	18.73N	140	09	53.81E	30060.1	-49291.7	17.3	40.2	335.3
398	35	33	20.02N	140	09	53.09E	30041.6	-49251.9	17.5	43.9	335.1
399	35	33	21.10N	140	09	52.53E	30027.4	-49218.8	17.7	36.0	336.8
400	35	33	22.36N	140	09	52.17E	30018.4	-49179.8	18.0	40.0	347.0
401	35	33	23.65N	140	09	52.14E	30017.3	-49140.1	18.7	39.7	358.4
402	35	33	24.72N	140	09	52.35E	30022.7	-49107.1	19.4	33.4	9.3
403	35	33	26.20N	140	09	52.81E	30034.0	-49061.6	20.3	46.9	13.9
404	35	33	27.46N	140	09	53.18E	30043.3	-49022.7	21.1	40.0	13.4
405	35	33	27.94N	140	09	53.32E	30046.7	-49008.0	21.4	15.1	13.0
406	35	33	30.08N	140	09	53.96E	30062.5	-48941.9	22.0	68.0	13.4
407	35	33	31.22N	140	09	54.29E	30070.9	-48906.9	22.7	36.0	13.5
408	35	33	31.66N	140	09	54.43E	30074.2	-48893.3	23.0	14.0	13.6
409	35	33	33.77N	140	09	55.06E	30089.8	-48828.0	24.3	67.1	13.4
410	35	33	34.88N	140	09	55.38E	30097.9	-48793.9	25.0	35.0	13.4
411	35	33	36.31N	140	09	55.70E	30105.7	-48749.9	26.2	44.7	10.1
412	35	33	37.60N	140	09	55.72E	30106.2	-48710.0	27.3	39.9	0.7
413	35	33	38.90N	140	09	55.73E	30106.2	-48669.9	28.4	40.1	360.0
414	35	33	39.75N	140	09	56.91E	30135.8	-48643.6	29.4	39.6	48.4
415	35	33	40.13N	140	09	58.50E	30175.9	-48631.8	30.0	41.8	73.6
416	35	33	40.13N	140	10	00.09E	30215.8	-48631.6	30.4	39.9	89.7
417	35	33	40.12N	140	10	01.68E	30255.8	-48631.8	30.9	40.0	90.3
418	35	33	40.12N	140	10	03.27E	30295.9	-48631.7	31.3	40.1	89.9
419	35	33	40.12N	140	10	04.85E	30335.8	-48631.6	31.8	39.9	89.9
420	35	33	40.12N	140	10	06.45E	30375.9	-48631.6	32.3	40.1	90.0
421	35	33	40.12N	140	10	08.03E	30415.9	-48631.4	32.7	40.0	89.7
422	35	33	40.11N	140	10	10.17E	30469.8	-48631.4	33.6	53.9	90.0
423	35	33	40.11N	140	10	11.22E	30496.0	-48631.3	34.0	26.2	89.8
424	35	33	40.11N	140	10	12.80E	30535.9	-48631.2	34.7	39.9	89.9
425	35	33	40.10N	140	10	14.39E	30576.0	-48631.3	35.4	40.1	90.1
426	35	33	40.11N	140	10	15.98E	30616.0	-48631.1	36.1	40.0	89.7
427	35	33	40.10N	140	10	17.57E	30656.0	-48631.1	36.7	40.0	90.0
428	35	33	40.10N	140	10	19.15E	30695.8	-48630.9	36.9	39.8	89.7
429	35	33	40.12N	140	10	20.74E	30735.9	-48630.4	37.0	40.1	89.3
430	35	33	40.13N	140	10	22.33E	30775.9	-48629.9	37.2	40.0	89.3

431	35	33	40.14N	140	10	23.92E	30815.9	-48629.4	37.6	40.0	89.3
432	35	33	40.14N	140	10	25.00E	30843.0	-48629.2	37.8	27.1	89.6
433	35	33	40.16N	140	10	27.09E	30895.8	-48628.6	38.2	52.8	89.3
434	35	33	40.27N	140	10	28.68E	30935.8	-48625.1	38.4	40.2	85.0
435	35	33	40.55N	140	10	30.23E	30974.8	-48616.3	38.4	40.0	77.3
436	35	33	40.97N	140	10	31.94E	31017.8	-48603.2	38.5	45.0	73.1
437	35	33	41.30N	140	10	33.28E	31051.5	-48592.7	38.5	35.3	72.7
438	35	33	41.51N	140	10	34.25E	31075.8	-48586.1	38.3	25.2	74.8
439	35	33	41.59N	140	10	36.49E	31132.1	-48583.7	35.1	56.4	87.6
440	35	33	41.32N	140	10	37.95E	31169.0	-48591.8	32.6	37.8	102.4
441	35	33	41.00N	140	10	39.49E	31207.7	-48601.6	30.4	39.9	104.2
442	35	33	42.19N	140	10	40.33E	31228.8	-48564.8	30.9	42.4	29.8
443	35	33	43.16N	140	10	40.53E	31233.8	-48534.8	32.9	30.4	9.5
444	35	33	44.51N	140	10	41.45E	31256.7	-48493.2	36.4	47.5	28.8
445	35	33	45.13N	140	10	41.95E	31269.2	-48474.1	38.0	22.8	33.2
446	35	33	45.77N	140	10	42.68E	31287.6	-48454.3	39.4	27.0	42.9
447	35	33	46.28N	140	10	43.35E	31304.5	-48438.4	39.8	23.2	46.7
448	35	33	46.72N	140	10	44.28E	31327.9	-48424.9	40.1	27.0	60.0
449	35	33	47.18N	140	10	45.10E	31348.4	-48410.7	40.1	24.9	55.3
450	35	33	47.69N	140	10	45.88E	31368.0	-48394.9	40.0	25.2	51.1
451	35	33	48.21N	140	10	46.63E	31386.9	-48378.7	39.9	24.9	49.4
452	35	33	48.89N	140	10	47.47E	31408.0	-48357.7	40.3	29.8	45.1
453	35	33	49.35N	140	10	48.04E	31422.1	-48343.4	40.3	20.1	44.6
454	35	33	49.89N	140	10	48.77E	31440.6	-48326.6	40.0	25.0	47.8
455	35	33	50.52N	140	10	49.63E	31462.0	-48307.4	39.1	28.8	48.1
456	35	33	50.94N	140	10	50.30E	31478.9	-48294.4	38.0	21.3	52.4
457	35	33	51.37N	140	10	50.93E	31494.8	-48280.9	37.1	20.9	49.7
458	35	33	51.91N	140	10	51.68E	31513.6	-48264.2	35.8	25.1	48.4
459	35	33	52.65N	140	10	52.39E	31531.3	-48241.5	34.2	28.8	37.9
460	35	33	53.31N	140	10	52.95E	31545.3	-48220.9	32.9	24.9	34.2
461	35	33	54.01N	140	10	53.50E	31559.1	-48199.3	31.7	25.6	32.6
462	35	33	54.64N	140	10	54.09E	31573.9	-48179.9	30.8	24.4	37.3
463	35	33	55.32N	140	10	54.95E	31595.5	-48158.9	29.3	30.1	45.8
464	35	33	55.70N	140	10	55.60E	31611.7	-48147.0	28.1	20.1	53.7
465	35	33	56.17N	140	10	56.40E	31631.8	-48132.7	27.6	24.7	54.6
466	35	33	56.68N	140	10	57.27E	31653.8	-48116.9	26.0	27.1	54.3
467	35	33	57.17N	140	10	57.95E	31670.8	-48101.5	25.3	22.9	47.8
468	35	33	57.78N	140	10	58.61E	31687.4	-48082.9	24.9	24.9	41.7
469	35	33	58.43N	140	10	59.19E	31702.0	-48062.8	24.2	24.8	36.0
470	35	33	59.09N	140	10	59.77E	31716.4	-48042.3	22.8	25.1	35.1
471	35	33	59.80N	140	11	00.24E	31728.3	-48020.4	21.6	24.9	28.5
472	35	34	00.53N	140	11	00.67E	31738.9	-47997.7	21.2	25.1	25.0
473	35	34	01.28N	140	11	01.06E	31748.7	-47974.7	20.8	25.0	23.1
474	35	34	02.09N	140	11	01.11E	31749.9	-47949.7	20.9	25.0	2.7
475	35	34	03.12N	140	11	01.70E	31764.5	-47917.9	21.3	35.0	24.7
476	35	34	03.42N	140	11	02.21E	31777.4	-47908.5	21.1	16.0	53.9
477	35	34	04.17N	140	11	02.63E	31787.9	-47885.5	21.2	25.3	24.5
478	35	34	04.95N	140	11	02.92E	31795.2	-47861.4	21.5	25.2	16.9
479	35	34	05.62N	140	11	03.42E	31807.7	-47840.9	21.9	24.0	31.4
480	35	34	06.09N	140	11	03.77E	31816.3	-47826.1	22.0	17.1	30.2

481	35	34	07.05N	140	11	04.23E	31827.9	-47796.6	24.1	31.7	21.5
482	35	34	07.82N	140	11	04.67E	31838.8	-47773.0	25.7	26.0	24.8
483	35	34	08.55N	140	11	05.08E	31849.1	-47750.3	27.5	24.9	24.4
484	35	34	09.28N	140	11	05.50E	31859.7	-47727.8	29.4	24.9	25.2
485	35	34	10.02N	140	11	05.92E	31870.1	-47705.1	31.3	25.0	24.6
486	35	34	10.69N	140	11	06.48E	31884.1	-47684.1	33.2	25.2	33.7
487	35	34	11.31N	140	11	07.16E	31901.2	-47665.0	34.7	25.6	41.8
488	35	34	11.83N	140	11	07.91E	31919.9	-47649.1	36.6	24.5	49.6
489	35	34	12.27N	140	11	08.74E	31940.9	-47635.5	38.1	25.0	57.1
490	35	34	12.78N	140	11	09.94E	31970.9	-47619.4	40.4	34.0	61.8
491	35	34	13.04N	140	11	10.49E	31984.9	-47611.6	40.4	16.0	60.9
492	35	34	13.70N	140	11	11.39E	32007.3	-47591.0	40.0	30.4	47.4
493	35	34	14.26N	140	11	12.04E	32023.8	-47573.7	39.7	23.9	43.6
494	35	34	14.71N	140	11	12.61E	32037.9	-47559.8	39.7	19.8	45.4
495	35	34	15.40N	140	11	13.10E	32050.2	-47538.4	39.7	24.7	29.9
496	35	34	16.29N	140	11	13.67E	32064.4	-47511.0	39.6	30.9	27.4
497	35	34	16.85N	140	11	14.00E	32072.7	-47493.8	39.6	19.1	25.8
498	35	34	17.72N	140	11	14.54E	32086.3	-47466.8	39.2	30.2	26.7
499	35	34	18.31N	140	11	14.87E	32094.5	-47448.6	38.8	20.0	24.3
500	35	34	18.98N	140	11	15.28E	32104.8	-47428.0	38.3	23.0	26.6
501	35	34	19.73N	140	11	15.85E	32118.9	-47405.0	37.6	27.0	31.5
502	35	34	20.80N	140	11	17.33E	32156.2	-47371.6	34.9	50.1	48.2
503	35	34	20.90N	140	11	17.45E	32159.1	-47368.6	34.7	4.2	44.0
504	35	34	21.11N	140	11	18.20E	32178.0	-47362.0	33.3	20.0	70.8
505	35	34	21.31N	140	11	19.17E	32202.3	-47355.9	31.7	25.1	75.9
506	35	34	21.39N	140	11	20.16E	32227.3	-47353.3	29.9	25.1	84.1
507	35	34	21.42N	140	11	21.15E	32252.2	-47352.2	27.9	24.9	87.5
508	35	34	21.44N	140	11	22.14E	32277.2	-47351.5	26.0	25.0	88.4
509	35	34	21.48N	140	11	23.13E	32302.1	-47350.2	24.1	24.9	87.0
510	35	34	21.52N	140	11	24.12E	32326.9	-47348.9	22.7	24.8	87.0
511	35	34	21.56N	140	11	25.11E	32351.8	-47347.5	21.9	24.9	86.8
512	35	34	21.60N	140	11	26.10E	32376.7	-47346.3	21.6	24.9	87.2
513	35	34	21.64N	140	11	26.88E	32396.5	-47345.0	21.9	19.8	86.2
514	35	34	21.68N	140	11	28.08E	32426.6	-47343.5	22.1	30.1	87.1
515	35	34	21.74N	140	11	29.07E	32451.5	-47341.8	22.8	25.0	86.1
516	35	34	21.83N	140	11	30.06E	32476.4	-47338.9	23.6	25.1	83.4
517	35	34	21.96N	140	11	31.04E	32501.1	-47334.6	24.5	25.1	80.1
518	35	34	22.02N	140	11	31.86E	32521.9	-47332.8	25.0	20.9	85.1
519	35	34	22.12N	140	11	32.78E	32544.9	-47329.7	25.6	23.2	82.3
520	35	34	22.34N	140	11	33.98E	32575.0	-47322.9	26.9	30.9	77.3
521	35	34	22.52N	140	11	34.93E	32599.1	-47317.1	28.1	24.8	76.5
522	35	34	22.74N	140	11	35.90E	32623.3	-47310.4	29.3	25.1	74.5
523	35	34	22.97N	140	11	36.84E	32647.0	-47303.1	30.2	24.8	72.9
524	35	34	23.19N	140	11	37.59E	32665.8	-47296.1	31.6	20.1	69.6
525	35	34	23.71N	140	11	38.59E	32691.0	-47280.0	32.9	29.9	57.4
526	35	34	24.18N	140	11	39.36E	32710.3	-47265.5	34.1	24.1	53.1
527	35	34	24.66N	140	11	40.20E	32731.5	-47250.7	35.8	25.9	55.1
528	35	34	25.12N	140	11	41.02E	32752.1	-47236.5	37.2	25.0	55.4
529	35	34	25.59N	140	11	41.82E	32772.2	-47222.0	38.6	24.8	54.2
530	35	34	26.15N	140	11	42.54E	32790.2	-47204.6	38.9	25.0	46.0

531	35	34	26.74N	140	11	43.21E	32807.1	-47186.2	39.8	25.0	42.6
532	35	34	27.39N	140	11	43.82E	32822.3	-47166.4	41.2	25.0	37.5
533	35	34	27.98N	140	11	44.50E	32839.2	-47148.0	42.6	25.0	42.6
534	35	34	28.29N	140	11	44.85E	32848.0	-47138.5	43.4	12.9	42.8
535	35	34	29.38N	140	11	46.21E	32882.3	-47104.8	43.7	48.1	45.5
536	35	34	29.67N	140	11	46.63E	32892.8	-47095.7	43.0	13.9	49.1
537	35	34	30.21N	140	11	47.37E	32911.4	-47079.0	41.8	25.0	48.1
538	35	34	30.66N	140	11	48.21E	32932.4	-47065.1	41.1	25.2	56.5
539	35	34	31.20N	140	11	48.96E	32951.2	-47048.5	40.4	25.1	48.6
540	35	34	31.69N	140	11	49.74E	32970.9	-47033.2	40.1	24.9	52.2
541	35	34	32.22N	140	11	50.50E	32989.9	-47016.9	39.8	25.0	49.4
542	35	34	32.56N	140	11	50.99E	33002.1	-47006.3	39.8	16.2	49.0
543	35	34	33.10N	140	11	51.83E	33023.3	-46989.7	40.0	26.9	51.9
544	35	34	33.59N	140	11	52.95E	33051.5	-46974.3	40.3	32.1	61.4
545	35	34	33.95N	140	11	53.84E	33073.8	-46963.1	40.6	25.0	63.3
546	35	34	34.31N	140	11	54.73E	33096.1	-46952.1	40.7	24.9	63.7
547	35	34	34.66N	140	11	55.62E	33118.6	-46941.1	40.9	25.0	63.9
548	35	34	35.04N	140	11	56.50E	33140.7	-46929.4	41.1	25.0	62.1
549	35	34	35.27N	140	11	56.94E	33151.6	-46922.1	41.3	13.1	56.2
550	35	34	36.05N	140	11	58.05E	33179.5	-46898.2	41.4	36.7	49.4
551	35	34	36.63N	140	11	58.75E	33197.1	-46880.3	41.5	25.1	44.5
552	35	34	37.20N	140	11	59.45E	33214.5	-46862.4	41.5	25.0	44.2
553	35	34	37.77N	140	12	00.16E	33232.3	-46844.8	41.5	25.0	45.3
554	35	34	38.28N	140	12	00.83E	33249.1	-46829.0	41.6	23.1	46.8
555	35	34	38.87N	140	12	01.63E	33269.4	-46811.0	41.1	27.1	48.4
556	35	34	39.39N	140	12	02.38E	33288.2	-46794.7	41.3	24.9	49.1
557	35	34	39.93N	140	12	03.12E	33306.7	-46777.9	42.2	25.0	47.8
558	35	34	40.43N	140	12	03.91E	33326.6	-46762.5	42.9	25.2	52.3
559	35	34	40.89N	140	12	04.73E	33347.2	-46748.3	43.3	25.0	55.4
560	35	34	41.34N	140	12	05.57E	33368.2	-46734.5	43.8	25.1	56.7
561	35	34	41.78N	140	12	06.40E	33389.0	-46720.6	44.1	25.0	56.2
562	35	34	42.27N	140	12	07.19E	33408.8	-46705.6	44.5	24.8	52.9
563	35	34	42.80N	140	12	07.94E	33427.6	-46689.2	44.7	24.9	48.9
564	35	34	43.61N	140	12	08.77E	33448.6	-46664.2	45.2	32.6	40.0
565	35	34	44.07N	140	12	09.41E	33464.6	-46649.9	45.4	21.5	48.2
566	35	34	44.60N	140	12	10.07E	33481.1	-46633.6	45.7	23.2	45.3
567	35	34	44.90N	140	12	10.45E	33490.5	-46624.3	45.7	13.2	45.3
568	35	34	45.71N	140	12	11.57E	33518.8	-46599.2	45.7	37.8	48.4
569	35	34	46.19N	140	12	12.22E	33534.9	-46584.2	45.4	22.0	47.0
570	35	34	46.74N	140	12	12.94E	33553.1	-46567.2	45.7	24.9	47.0
571	35	34	47.29N	140	12	13.63E	33570.4	-46550.2	45.7	24.3	45.5
572	35	34	47.87N	140	12	14.37E	33589.0	-46532.2	45.6	25.9	45.9
573	35	34	48.45N	140	12	15.07E	33606.5	-46514.4	45.6	25.0	44.5
574	35	34	49.04N	140	12	15.74E	33623.4	-46496.0	45.4	25.0	42.6
575	35	34	49.80N	140	12	16.50E	33642.4	-46472.8	45.5	30.0	39.3
576	35	34	50.33N	140	12	16.95E	33653.7	-46456.3	45.5	20.0	34.4
577	35	34	51.01N	140	12	17.50E	33667.3	-46435.4	45.4	24.9	33.1
578	35	34	51.71N	140	12	17.98E	33679.4	-46413.6	45.5	24.9	29.0
579	35	34	51.88N	140	12	18.10E	33682.5	-46408.5	45.4	6.0	31.3
580	35	34	53.10N	140	12	19.03E	33705.6	-46370.8	45.1	44.2	31.5

581	35	34	53.71N	140	12	19.69E	33722.2	-46352.0	45.0	25.1	41.4
582	35	34	54.29N	140	12	20.32E	33737.9	-46333.9	45.1	24.0	40.9
583	35	34	54.70N	140	12	21.24E	33761.0	-46321.3	44.9	26.3	61.4
584	35	34	54.99N	140	12	22.17E	33784.4	-46312.3	44.9	25.1	69.0
585	35	34	55.21N	140	12	22.99E	33805.0	-46305.2	45.0	21.8	71.0
586	35	34	55.52N	140	12	24.02E	33830.9	-46295.6	44.6	27.6	69.7
587	35	34	55.95N	140	12	24.89E	33852.7	-46282.5	44.5	25.4	59.0
588	35	34	56.38N	140	12	25.63E	33871.4	-46269.1	44.5	23.0	54.4
589	35	34	56.85N	140	12	26.43E	33891.6	-46254.4	44.3	25.0	54.0
590	35	34	57.31N	140	12	27.21E	33911.0	-46240.3	44.2	24.0	54.0
591	35	34	57.80N	140	12	28.04E	33932.0	-46224.9	44.0	26.0	53.7
592	35	34	58.29N	140	12	28.84E	33952.0	-46209.9	43.9	25.0	53.1
593	35	34	58.76N	140	12	29.70E	33973.5	-46195.2	43.9	26.0	55.6
594	35	34	59.23N	140	12	30.51E	33994.0	-46180.6	43.9	25.2	54.5
595	35	34	59.71N	140	12	31.33E	34014.4	-46166.0	43.9	25.1	54.4
596	35	35	00.18N	140	12	32.12E	34034.4	-46151.3	43.4	24.8	53.7
597	35	35	00.72N	140	12	32.86E	34052.9	-46134.6	42.8	24.9	47.9
598	35	35	01.29N	140	12	33.58E	34070.9	-46117.1	41.1	25.1	45.8
599	35	35	01.78N	140	12	34.37E	34090.7	-46101.8	39.4	25.0	52.3
600	35	35	02.14N	140	12	35.25E	34112.9	-46090.5	37.3	24.9	63.0
601	35	35	02.45N	140	12	36.16E	34135.8	-46080.9	35.6	24.8	67.3
602	35	35	02.76N	140	12	37.08E	34158.9	-46071.3	33.8	25.0	67.4
603	35	35	03.21N	140	12	37.91E	34179.6	-46057.5	31.8	24.9	56.3
604	35	35	03.73N	140	12	38.67E	34198.7	-46041.4	30.2	25.0	49.9
605	35	35	04.24N	140	12	39.43E	34217.8	-46025.5	29.0	24.9	50.2
606	35	35	04.69N	140	12	40.26E	34238.7	-46011.7	28.0	25.0	56.6
607	35	35	05.01N	140	12	41.17E	34261.5	-46001.7	26.5	24.9	66.3
608	35	35	05.50N	140	12	41.88E	34279.4	-45986.3	25.5	23.6	49.3
609	35	35	06.29N	140	12	42.66E	34298.9	-45962.1	25.0	31.1	38.9
610	35	35	06.78N	140	12	43.12E	34310.5	-45947.0	24.6	19.0	37.5
611	35	35	07.43N	140	12	43.72E	34325.4	-45926.9	24.3	25.0	36.5
612	35	35	08.06N	140	12	44.32E	34340.5	-45907.2	24.0	24.8	37.5
613	35	35	08.66N	140	12	45.01E	34357.7	-45888.7	23.5	25.3	42.9
614	35	35	08.90N	140	12	45.97E	34381.9	-45881.4	23.7	25.3	73.2
615	35	35	09.00N	140	12	46.95E	34406.6	-45878.2	22.5	24.9	82.6
616	35	35	09.87N	140	12	47.95E	34431.7	-45851.3	24.9	36.8	43.0
617	35	35	10.21N	140	12	48.25E	34439.2	-45840.7	25.9	13.0	35.3
618	35	35	10.87N	140	12	48.82E	34453.4	-45820.3	29.0	24.9	34.8
619	35	35	11.20N	140	12	49.76E	34476.9	-45809.9	29.7	25.7	66.1
620	35	35	11.00N	140	12	50.74E	34501.6	-45816.2	31.7	25.5	104.3
621	35	35	10.71N	140	12	51.66E	34525.0	-45825.1	33.9	25.0	110.8
622	35	35	10.43N	140	12	52.59E	34548.3	-45833.4	35.5	24.7	109.6
623	35	35	10.28N	140	12	53.56E	34572.8	-45837.9	36.6	24.9	100.4
624	35	35	10.17N	140	12	54.55E	34597.6	-45841.4	37.6	25.0	98.0
625	35	35	10.05N	140	12	55.53E	34622.3	-45844.8	38.1	24.9	97.8
626	35	35	09.98N	140	12	56.51E	34647.0	-45847.1	38.6	24.8	95.3
627	35	35	10.04N	140	12	56.69E	34651.5	-45845.2	39.0	4.9	67.1
628	35	35	10.06N	140	12	58.62E	34700.2	-45844.3	38.8	48.7	88.9
629	35	35	10.14N	140	12	59.48E	34721.7	-45841.7	38.7	21.7	83.1
630	35	35	10.22N	140	13	00.46E	34746.5	-45839.1	37.9	24.9	84.0

631	35	35	10.34N	140	13	01.44E	34771.2	-45835.4	38.1	25.0	81.5
632	35	35	10.51N	140	13	02.42E	34795.8	-45830.2	37.6	25.1	78.1
633	35	35	10.69N	140	13	03.38E	34819.9	-45824.3	37.0	24.8	76.2
634	35	35	10.89N	140	13	04.34E	34844.1	-45818.3	36.2	24.9	76.1
635	35	35	11.05N	140	13	05.16E	34864.6	-45813.3	35.5	21.1	76.3
636	35	35	11.25N	140	13	06.28E	34892.8	-45806.9	34.8	28.9	77.2
637	35	35	11.53N	140	13	07.66E	34927.5	-45798.0	34.3	35.8	75.6
638	35	35	11.66N	140	13	08.33E	34944.4	-45794.1	34.1	17.3	77.0
639	35	35	11.85N	140	13	09.37E	34970.5	-45788.0	33.7	26.8	76.8
640	35	35	12.01N	140	13	10.14E	34989.9	-45783.2	33.6	20.0	76.1
641	35	35	12.20N	140	13	11.10E	35014.1	-45777.0	32.9	25.0	75.6
642	35	35	12.36N	140	13	12.08E	35038.7	-45772.2	33.0	25.1	79.0
643	35	35	12.55N	140	13	13.04E	35062.8	-45766.1	32.4	24.9	75.8
644	35	35	12.69N	140	13	14.02E	35087.4	-45761.8	31.4	25.0	80.1
645	35	35	12.68N	140	13	15.02E	35112.6	-45761.9	30.4	25.2	90.2
646	35	35	12.67N	140	13	16.27E	35144.0	-45762.1	28.5	31.4	90.4
647	35	35	12.70N	140	13	17.00E	35162.5	-45761.1	27.4	18.5	86.9
648	35	35	12.85N	140	13	17.98E	35187.0	-45756.3	26.1	25.0	78.9
649	35	35	12.99N	140	13	18.95E	35211.6	-45751.9	24.9	25.0	79.9
650	35	35	13.15N	140	13	20.05E	35239.1	-45747.1	24.2	27.9	80.1
651	35	35	13.34N	140	13	20.89E	35260.2	-45741.1	23.5	21.9	74.1
652	35	35	13.49N	140	13	21.86E	35284.7	-45736.2	23.3	25.0	78.7
653	35	35	13.70N	140	13	23.03E	35314.2	-45729.6	22.0	30.2	77.4
654	35	35	13.83N	140	13	23.81E	35333.7	-45725.8	22.1	19.9	79.0
655	35	35	13.98N	140	13	24.78E	35358.2	-45720.8	22.3	25.0	78.5
656	35	35	14.13N	140	13	25.76E	35382.9	-45716.1	23.5	25.1	79.2
657	35	35	14.18N	140	13	26.75E	35407.6	-45714.7	24.8	24.7	86.8
658	35	35	14.36N	140	13	27.79E	35433.8	-45708.9	25.9	26.8	77.5
659	35	35	14.59N	140	13	28.66E	35455.7	-45701.9	28.0	23.0	72.3
660	35	35	14.80N	140	13	29.61E	35479.7	-45695.1	28.7	24.9	74.2
661	35	35	15.04N	140	13	30.56E	35503.6	-45687.6	30.5	25.0	72.6
662	35	35	15.36N	140	13	31.46E	35526.0	-45677.6	31.7	24.5	65.9
663	35	35	15.95N	140	13	32.14E	35543.2	-45659.6	34.2	24.9	43.7
664	35	35	16.64N	140	13	32.60E	35554.7	-45638.2	35.0	24.3	28.3
665	35	35	17.36N	140	13	32.84E	35560.5	-45616.1	35.2	22.8	14.7
666	35	35	18.22N	140	13	33.08E	35566.6	-45589.5	36.6	27.3	12.9
667	35	35	19.00N	140	13	33.25E	35570.7	-45565.4	38.0	24.4	9.7
668	35	35	19.82N	140	13	33.23E	35570.1	-45540.2	39.3	25.2	358.6
669	35	35	20.63N	140	13	33.17E	35568.6	-45515.3	40.5	24.9	356.6
670	35	35	21.49N	140	13	33.13E	35567.3	-45488.7	42.0	26.6	357.2
671	35	35	22.25N	140	13	33.09E	35566.4	-45465.3	43.4	23.4	357.8
672	35	35	22.98N	140	13	32.75E	35557.7	-45442.8	44.0	24.1	338.9
673	35	35	23.63N	140	13	32.16E	35542.6	-45422.9	44.2	25.0	322.8
674	35	35	24.00N	140	13	31.59E	35528.4	-45411.5	44.2	18.2	308.8
675	35	35	24.17N	140	13	31.41E	35523.8	-45406.2	44.2	7.0	319.0
676	35	35	25.48N	140	13	32.84E	35559.5	-45365.7	43.6	54.0	41.4
677	35	35	26.20N	140	13	33.27E	35570.3	-45343.6	42.9	24.6	26.0
678	35	35	26.99N	140	13	33.51E	35576.3	-45319.3	42.3	25.0	13.9
679	35	35	27.79N	140	13	33.47E	35575.2	-45294.6	42.4	24.7	357.5
680	35	35	28.58N	140	13	33.26E	35569.8	-45270.3	42.7	24.9	347.5

681	35	35	29.37N	140	13	33.04E	35564.2	-45245.8	42.7	25.1	347.1
682	35	35	30.16N	140	13	32.82E	35558.6	-45221.5	42.3	24.9	347.0
683	35	35	30.95N	140	13	32.58E	35552.4	-45197.3	42.1	25.0	345.6
684	35	35	31.75N	140	13	32.40E	35547.8	-45172.7	41.3	25.0	349.4
685	35	35	32.56N	140	13	32.41E	35547.8	-45147.7	41.2	25.0	360.0
686	35	35	33.36N	140	13	32.60E	35552.7	-45123.0	42.3	25.2	11.2
687	35	35	33.93N	140	13	32.78E	35557.1	-45105.4	42.2	18.1	14.0
688	35	35	34.79N	140	13	33.54E	35576.1	-45078.9	42.4	32.6	35.6
689	35	35	35.42N	140	13	34.17E	35591.8	-45059.5	43.0	25.0	39.0
690	35	35	36.06N	140	13	34.78E	35607.0	-45039.7	43.3	25.0	37.5
691	35	35	36.68N	140	13	35.41E	35623.0	-45020.5	43.5	25.0	39.8
692	35	35	37.32N	140	13	35.93E	35636.0	-45000.7	43.5	23.7	33.3
693	35	35	38.06N	140	13	36.50E	35650.1	-44977.7	43.2	27.0	31.5
694	35	35	38.83N	140	13	36.95E	35661.5	-44954.1	43.0	26.2	25.8
695	35	35	39.52N	140	13	37.28E	35669.7	-44932.7	42.7	22.9	21.0
696	35	35	40.28N	140	13	37.64E	35678.7	-44909.3	42.8	25.1	21.0
697	35	35	41.01N	140	13	38.09E	35689.7	-44886.7	42.4	25.1	26.0
698	35	35	41.70N	140	13	38.60E	35702.5	-44865.4	41.9	24.9	31.0
699	35	35	42.36N	140	13	39.17E	35716.9	-44845.1	41.6	24.9	35.4
700	35	35	44.11N	140	13	38.42E	35697.8	-44791.1	41.7	57.3	340.5
701	35	35	44.51N	140	13	39.24E	35718.3	-44778.8	41.7	23.9	59.0
702	35	35	44.29N	140	13	41.00E	35762.7	-44785.5	41.2	44.9	98.6
703	35	35	44.93N	140	13	41.59E	35777.5	-44765.6	40.2	24.8	36.6
704	35	35	45.60N	140	13	42.15E	35791.4	-44744.9	39.7	24.9	33.9
705	35	35	46.27N	140	13	42.72E	35805.6	-44724.3	39.9	25.0	34.6
706	35	35	46.95N	140	13	43.24E	35818.8	-44703.1	40.5	25.0	31.9
707	35	35	47.59N	140	13	43.86E	35834.2	-44683.4	41.7	25.0	38.0
708	35	35	48.29N	140	13	44.36E	35846.6	-44661.6	41.9	25.1	29.6
709	35	35	49.05N	140	13	44.73E	35856.0	-44638.4	42.1	25.0	22.1
710	35	35	49.76N	140	13	45.22E	35868.1	-44616.5	42.1	25.0	28.9
711	35	35	50.24N	140	13	45.53E	35875.9	-44601.5	42.0	16.9	27.5
712	35	35	51.12N	140	13	46.27E	35894.5	-44574.3	41.8	33.0	34.4
713	35	35	51.77N	140	13	46.62E	35903.2	-44554.2	41.7	21.9	23.4
714	35	35	52.61N	140	13	47.05E	35913.9	-44528.3	41.6	28.0	22.4
715	35	35	53.37N	140	13	47.39E	35922.4	-44504.8	41.3	25.0	19.9
716	35	35	54.13N	140	13	47.77E	35931.7	-44481.5	41.3	25.1	21.8
717	35	35	54.55N	140	13	47.96E	35936.6	-44468.4	41.5	14.0	20.5
718	35	35	55.87N	140	13	48.63E	35953.2	-44427.7	41.4	44.0	22.2
719	35	35	56.34N	140	13	49.00E	35962.4	-44413.1	41.4	17.3	32.2
720	35	35	57.11N	140	13	49.31E	35970.3	-44389.6	40.0	24.8	18.6
721	35	35	57.86N	140	13	49.68E	35979.3	-44366.2	39.3	25.1	21.0
722	35	35	58.62N	140	13	50.02E	35987.8	-44342.8	39.3	24.9	20.0
723	35	35	59.38N	140	13	50.36E	35996.4	-44319.3	39.4	25.0	20.1
724	35	36	00.15N	140	13	50.69E	36004.6	-44295.8	39.7	24.9	19.2
725	35	36	00.92N	140	13	51.01E	36012.5	-44272.0	39.8	25.1	18.4
726	35	36	01.67N	140	13	51.39E	36022.0	-44248.8	40.0	25.1	22.3
727	35	36	02.38N	140	13	51.72E	36030.2	-44226.9	40.1	23.4	20.5
728	35	36	03.19N	140	13	52.05E	36038.3	-44201.8	40.4	26.4	17.9
729	35	36	03.98N	140	13	52.29E	36044.3	-44177.5	40.6	25.0	13.9
730	35	36	04.77N	140	13	52.50E	36049.4	-44153.1	40.6	24.9	11.8

731	35	36	05.56N	140	13	52.69E	36054.3	-44128.6	40.7	25.0	11.3
732	35	36	06.35N	140	13	52.94E	36060.5	-44104.4	40.8	25.0	14.4
733	35	36	07.13N	140	13	53.23E	36067.6	-44080.3	41.1	25.1	16.4
734	35	36	07.90N	140	13	53.55E	36075.6	-44056.5	40.8	25.1	18.6
735	35	36	08.64N	140	13	53.96E	36085.7	-44033.6	40.7	25.0	23.8
736	35	36	09.35N	140	13	54.45E	36098.0	-44011.9	40.2	24.9	29.5
737	35	36	10.17N	140	13	54.66E	36103.3	-43986.4	40.7	26.0	11.7
738	35	36	10.92N	140	13	54.86E	36108.1	-43963.4	40.9	23.5	11.8
739	35	36	11.73N	140	13	54.95E	36110.2	-43938.5	41.1	25.0	4.8
740	35	36	12.73N	140	13	55.08E	36113.5	-43907.5	41.3	31.2	6.1
741	35	36	13.34N	140	13	55.16E	36115.5	-43888.7	41.3	18.9	6.1
742	35	36	14.15N	140	13	55.23E	36117.0	-43863.9	41.0	24.8	3.5
743	35	36	14.96N	140	13	55.28E	36118.1	-43838.9	40.8	25.0	2.5
744	35	36	15.77N	140	13	55.26E	36117.7	-43813.9	40.6	25.0	359.1
745	35	36	16.58N	140	13	55.03E	36111.8	-43788.9	40.4	25.7	346.7
746	35	36	17.36N	140	13	54.75E	36104.5	-43764.9	40.4	25.1	343.1
747	35	36	18.19N	140	13	55.09E	36113.1	-43739.2	40.3	27.1	18.5
748	35	36	19.01N	140	13	55.18E	36115.1	-43714.1	40.3	25.2	4.6
749	35	36	19.81N	140	13	55.29E	36117.9	-43689.3	40.2	25.0	6.4
750	35	36	20.61N	140	13	55.37E	36119.7	-43664.6	39.9	24.8	4.2
751	35	36	21.42N	140	13	55.44E	36121.4	-43639.9	39.6	24.8	3.9
752	35	36	22.23N	140	13	55.52E	36123.3	-43614.7	39.2	25.3	4.3
753	35	36	23.04N	140	13	55.59E	36125.1	-43589.7	38.7	25.1	4.1
754	35	36	23.85N	140	13	55.67E	36126.9	-43564.8	38.5	25.0	4.1
755	35	36	24.66N	140	13	55.75E	36128.8	-43539.8	38.4	25.1	4.3
756	35	36	25.48N	140	13	55.82E	36130.6	-43514.7	38.4	25.2	4.1
757	35	36	26.29N	140	13	55.90E	36132.4	-43489.6	38.2	25.2	4.1
758	35	36	27.09N	140	13	55.97E	36134.1	-43465.0	37.9	24.7	4.0
759	35	36	27.90N	140	13	56.03E	36135.4	-43439.9	37.3	25.1	3.0
760	35	36	28.71N	140	13	56.18E	36139.2	-43415.2	36.8	25.0	8.7
761	35	36	29.51N	140	13	56.25E	36140.9	-43390.4	36.0	24.9	3.9
762	35	36	30.32N	140	13	56.36E	36143.4	-43365.5	35.0	25.0	5.7
763	35	36	31.13N	140	13	56.49E	36146.6	-43340.5	34.8	25.2	7.3
764	35	36	31.93N	140	13	56.63E	36150.0	-43315.8	35.1	24.9	7.8
765	35	36	32.72N	140	13	56.85E	36155.4	-43291.4	35.8	25.0	12.5
766	35	36	33.50N	140	13	57.15E	36162.9	-43267.5	36.9	25.0	17.4
767	35	36	34.16N	140	13	57.48E	36171.3	-43247.0	37.6	22.2	22.3
768	35	36	34.97N	140	13	57.99E	36184.0	-43222.1	38.2	28.0	27.0
769	35	36	35.69N	140	13	58.45E	36195.4	-43199.8	38.7	25.0	27.1
770	35	36	36.42N	140	13	58.90E	36206.6	-43177.3	38.7	25.1	26.5
771	35	36	37.14N	140	13	59.35E	36217.9	-43155.1	38.4	24.9	27.0
772	35	36	37.87N	140	13	59.80E	36229.1	-43132.5	38.0	25.2	26.4
773	35	36	38.59N	140	14	00.25E	36240.2	-43110.1	36.7	25.0	26.4
774	35	36	39.32N	140	14	00.69E	36251.4	-43087.8	35.0	25.0	26.7
775	35	36	40.03N	140	14	01.14E	36262.5	-43065.7	33.3	24.7	26.7
776	35	36	40.76N	140	14	01.59E	36273.7	-43043.2	31.5	25.1	26.5
777	35	36	41.36N	140	14	01.96E	36283.0	-43024.6	30.1	20.8	26.6
778	35	36	42.19N	140	14	02.45E	36295.2	-42998.9	28.9	28.4	25.4
779	35	36	42.92N	140	14	02.97E	36308.1	-42976.6	28.8	25.8	30.0
780	35	36	43.63N	140	14	03.45E	36320.2	-42954.5	28.5	25.2	28.7



781	35	36	44.30N	140	14	04.00E	36333.9	-42933.8	28.2	24.8	33.5
782	35	36	44.99N	140	14	04.53E	36347.3	-42912.5	28.0	25.2	32.2
783	35	36	45.70N	140	14	05.08E	36360.9	-42890.6	27.7	25.8	31.8
784	35	36	46.85N	140	14	06.24E	36390.0	-42855.0	27.6	46.0	39.3
785	35	36	46.90N	140	14	06.29E	36391.3	-42853.6	27.7	1.9	42.9
786	35	36	47.59N	140	14	06.81E	36404.3	-42832.3	28.1	25.0	31.4
787	35	36	48.31N	140	14	07.26E	36415.6	-42809.9	28.7	25.1	26.8
788	35	36	49.02N	140	14	07.75E	36427.7	-42787.9	29.1	25.1	28.8
789	35	36	49.71N	140	14	08.25E	36440.2	-42766.6	28.6	24.7	30.4
790	35	36	50.48N	140	14	08.56E	36447.9	-42742.9	27.7	24.9	18.0
791	35	36	51.22N	140	14	08.97E	36458.2	-42720.1	27.2	25.0	24.3
792	35	36	51.98N	140	14	09.35E	36467.6	-42696.6	26.5	25.3	21.8
793	35	36	52.77N	140	14	09.49E	36471.1	-42672.4	25.8	24.5	8.2
794	35	36	53.57N	140	14	09.58E	36473.2	-42647.7	25.5	24.8	4.9
795	35	36	54.37N	140	14	09.78E	36478.1	-42623.0	25.3	25.2	11.2
796	35	36	55.15N	140	14	10.05E	36484.9	-42598.8	24.6	25.1	15.7
797	35	36	55.90N	140	14	10.47E	36495.4	-42575.9	23.0	25.2	24.6
798	35	36	56.54N	140	14	11.08E	36510.5	-42556.0	21.2	25.0	37.2
799	35	36	57.17N	140	14	11.68E	36525.6	-42536.4	20.0	24.7	37.6
800	35	36	57.90N	140	14	12.17E	36537.7	-42514.1	19.0	25.4	28.5
801	35	36	58.65N	140	14	12.47E	36545.2	-42490.8	17.5	24.5	17.8
802	35	36	59.40N	140	14	12.06E	36534.8	-42467.9	18.0	25.2	335.6
803	35	36	59.99N	140	14	11.67E	36525.1	-42449.5	17.9	20.8	332.2
804	35	37	01.00N	140	14	11.11E	36510.7	-42418.6	17.9	34.1	335.0
805	35	37	01.59N	140	14	10.76E	36502.0	-42400.5	18.0	20.1	334.3
806	35	37	02.33N	140	14	10.36E	36491.7	-42377.7	18.4	25.0	335.7
807	35	37	03.14N	140	14	10.75E	36501.4	-42352.5	19.1	27.0	21.1
808	35	37	03.45N	140	14	11.60E	36522.8	-42343.0	19.5	23.4	66.1
809	35	37	04.21N	140	14	11.70E	36525.2	-42319.6	20.6	23.5	5.9
810	35	37	04.96N	140	14	12.10E	36535.1	-42296.3	22.5	25.3	23.0
811	35	37	05.68N	140	14	12.56E	36546.7	-42274.3	24.3	24.9	27.8
812	35	37	06.53N	140	14	12.92E	36555.7	-42248.0	23.8	27.8	18.9
813	35	37	07.21N	140	14	13.18E	36562.0	-42227.0	26.3	21.9	16.7
814	35	37	07.97N	140	14	13.52E	36570.6	-42203.5	27.4	25.0	20.1
815	35	37	08.47N	140	14	14.32E	36590.6	-42188.1	28.9	25.2	52.4
816	35	37	08.90N	140	14	15.16E	36611.6	-42174.6	30.1	25.0	57.3
817	35	37	09.27N	140	14	16.15E	36636.5	-42163.3	31.9	27.3	65.6
818	35	37	09.41N	140	14	16.87E	36654.5	-42158.8	33.6	18.6	76.0
819	35	37	09.14N	140	14	18.00E	36683.0	-42167.1	36.6	29.7	106.2
820	35	37	09.39N	140	14	18.90E	36705.7	-42159.3	38.7	24.0	71.0
821	35	37	09.69N	140	14	19.82E	36728.7	-42149.8	39.4	24.9	67.6
822	35	37	10.00N	140	14	20.74E	36751.8	-42140.3	39.8	25.0	67.6
823	35	37	10.31N	140	14	21.65E	36774.8	-42130.7	39.9	24.9	67.3
824	35	37	10.61N	140	14	22.58E	36798.2	-42121.3	40.5	25.2	68.1
825	35	37	11.02N	140	14	23.43E	36819.5	-42108.5	40.8	24.9	59.0
826	35	37	11.51N	140	14	24.21E	36839.0	-42093.2	40.7	24.8	51.9
827	35	37	12.08N	140	14	24.92E	36856.8	-42075.7	40.3	25.0	45.5
828	35	37	12.62N	140	14	25.67E	36875.5	-42059.1	40.1	25.0	48.4
829	35	37	13.23N	140	14	26.30E	36891.5	-42040.2	39.8	24.8	40.2
830	35	37	13.94N	140	14	26.78E	36903.3	-42018.1	39.7	25.1	28.1

831	35	37	14.69N	140	14	27.03E	36909.5	-41995.1	39.2	23.8	15.1
832	35	37	15.49N	140	14	27.35E	36917.5	-41970.3	38.8	26.1	17.9
833	35	37	16.14N	140	14	27.96E	36932.8	-41950.3	38.5	25.2	37.4
834	35	37	16.72N	140	14	28.66E	36950.2	-41932.3	38.3	25.0	44.0
835	35	37	17.31N	140	14	29.34E	36967.4	-41914.2	38.3	25.0	43.5
836	35	37	17.90N	140	14	30.00E	36984.0	-41895.7	38.6	24.9	41.9
837	35	37	18.51N	140	14	30.68E	37000.9	-41877.1	39.7	25.1	42.3
838	35	37	19.86N	140	14	32.22E	37039.6	-41835.2	39.7	57.0	42.7
839	35	37	19.90N	140	14	32.62E	37049.5	-41834.0	39.8	10.0	83.1
840	35	37	19.93N	140	14	32.94E	37057.5	-41832.9	39.7	8.1	82.2
841	35	37	20.03N	140	14	33.93E	37082.4	-41829.8	39.6	25.1	82.9
842	35	37	20.13N	140	14	34.91E	37107.2	-41826.7	39.6	25.0	82.9
843	35	37	20.22N	140	14	35.90E	37131.9	-41823.6	39.6	24.9	82.8
844	35	37	20.32N	140	14	36.81E	37154.8	-41820.7	39.6	23.1	82.8
845	35	37	20.38N	140	14	37.88E	37181.8	-41818.7	39.8	27.1	85.8
846	35	37	20.33N	140	14	38.87E	37206.8	-41820.0	39.5	25.0	93.0
847	35	37	20.56N	140	14	39.82E	37230.6	-41812.9	39.9	24.8	73.4
848	35	37	20.89N	140	14	40.70E	37252.8	-41802.5	40.5	24.5	64.9
849	35	37	21.21N	140	14	41.64E	37276.2	-41792.7	40.3	25.4	67.3
850	35	37	21.56N	140	14	42.52E	37298.5	-41781.7	40.0	24.9	63.7
851	35	37	21.99N	140	14	43.36E	37319.6	-41768.4	39.6	24.9	57.8
852	35	37	22.48N	140	14	44.15E	37339.4	-41753.3	38.5	24.9	52.7
853	35	37	23.02N	140	14	44.90E	37358.0	-41736.6	36.9	25.0	48.1
854	35	37	23.60N	140	14	45.59E	37375.4	-41718.5	35.9	25.1	43.9
855	35	37	24.19N	140	14	46.27E	37392.3	-41700.4	35.5	24.8	43.0
856	35	37	24.33N	140	14	47.25E	37417.0	-41696.0	37.7	25.1	79.9
857	35	37	24.65N	140	14	48.16E	37439.8	-41686.0	38.9	24.9	66.3
858	35	37	25.14N	140	14	48.93E	37459.3	-41670.8	39.4	24.7	52.1
859	35	37	25.57N	140	14	49.77E	37480.3	-41657.3	39.8	25.0	57.3
860	35	37	26.00N	140	14	50.61E	37501.4	-41644.1	40.1	24.9	58.0
861	35	37	26.46N	140	14	51.45E	37522.4	-41629.9	40.4	25.4	55.9
862	35	37	27.01N	140	14	52.16E	37540.3	-41612.8	40.8	24.8	46.3
863	35	37	27.54N	140	14	52.93E	37559.6	-41596.3	41.1	25.4	49.5
864	35	37	27.96N	140	14	53.48E	37573.4	-41583.5	41.2	18.8	47.2
865	35	37	28.70N	140	14	54.32E	37594.4	-41560.4	41.3	31.2	42.3
866	35	37	29.29N	140	14	55.00E	37611.3	-41542.3	41.3	24.8	43.0
867	35	37	29.92N	140	14	55.61E	37626.6	-41522.7	41.2	24.9	38.0
868	35	37	30.57N	140	14	56.18E	37640.9	-41502.6	41.2	24.7	35.4
869	35	37	31.27N	140	14	56.72E	37654.3	-41481.0	41.0	25.4	31.8
870	35	37	31.97N	140	14	57.19E	37666.2	-41459.5	40.9	24.6	29.0
871	35	37	32.68N	140	14	57.63E	37677.1	-41437.6	40.8	24.5	26.5
872	35	37	33.43N	140	14	58.05E	37687.6	-41414.4	40.7	25.5	24.4
873	35	37	34.16N	140	14	58.48E	37698.3	-41391.8	40.6	25.0	25.3
874	35	37	37.08N	140	14	55.86E	37631.9	-41302.1	42.0	111.6	323.5
875	35	37	37.14N	140	14	56.01E	37635.8	-41300.3	42.0	4.3	65.2
876	35	37	37.67N	140	14	56.78E	37655.2	-41283.9	42.2	25.4	49.8
877	35	37	38.17N	140	14	57.60E	37675.6	-41268.2	42.5	25.7	52.4
878	35	37	38.69N	140	14	58.42E	37696.1	-41252.3	42.6	25.9	52.2
879	35	37	39.22N	140	14	59.29E	37718.0	-41235.8	42.9	27.4	53.0
880	35	37	39.78N	140	15	00.21E	37741.2	-41218.3	43.2	29.1	53.0

881	35	37	40.33N	140	15	01.12E	37764.0	-41201.4	43.4	28.4	53.5
882	35	37	41.01N	140	15	01.64E	37776.8	-41180.3	43.4	24.7	31.2
883	35	37	41.79N	140	15	01.95E	37784.5	-41156.4	43.1	25.1	17.9
884	35	37	42.67N	140	15	02.48E	37797.8	-41129.1	42.5	30.4	26.0
885	35	37	43.21N	140	15	02.92E	37808.8	-41112.4	42.5	20.0	33.4
886	35	37	44.01N	140	15	04.07E	37837.7	-41087.7	42.2	38.0	49.5
887	35	37	44.43N	140	15	04.36E	37845.0	-41074.7	42.7	14.9	29.3
888	35	37	45.12N	140	15	04.89E	37858.1	-41053.3	42.5	25.1	31.5
889	35	37	45.81N	140	15	05.42E	37871.4	-41032.1	42.2	25.0	32.1
890	35	37	46.50N	140	15	05.94E	37884.4	-41010.8	41.8	25.0	31.4
891	35	37	47.27N	140	15	06.26E	37892.2	-40987.1	40.8	25.0	18.2
892	35	37	48.04N	140	15	06.53E	37898.9	-40963.1	39.1	24.9	15.6
893	35	37	48.82N	140	15	06.84E	37906.6	-40939.1	37.5	25.2	17.8
894	35	37	49.54N	140	15	07.27E	37917.4	-40916.8	36.4	24.8	25.8
895	35	37	50.24N	140	15	07.78E	37930.2	-40895.2	35.6	25.1	30.7
896	35	37	50.96N	140	15	08.24E	37941.7	-40873.0	35.4	25.0	27.4
897	35	37	51.68N	140	15	08.70E	37953.1	-40850.7	35.2	25.0	27.1
898	35	37	52.40N	140	15	09.16E	37964.5	-40828.5	35.1	25.0	27.2
899	35	37	53.12N	140	15	09.62E	37976.1	-40806.4	34.9	25.0	27.7
900	35	37	53.82N	140	15	10.11E	37988.3	-40784.6	34.4	25.0	29.2
901	35	37	54.47N	140	15	10.71E	38003.3	-40764.6	33.4	25.0	36.9
902	35	37	55.17N	140	15	11.20E	38015.5	-40742.9	32.0	24.9	29.3
903	35	37	55.94N	140	15	11.53E	38023.8	-40719.4	30.8	24.9	19.5
904	35	37	56.66N	140	15	11.97E	38034.7	-40697.0	29.4	24.9	25.9
905	35	37	57.39N	140	15	12.39E	38045.3	-40674.4	28.3	25.0	25.1
906	35	37	58.10N	140	15	13.10E	38063.0	-40652.6	26.7	28.1	39.1
907	35	37	59.44N	140	15	13.66E	38076.8	-40611.2	26.2	43.6	18.4
908	35	37	59.00N	140	15	14.14E	38089.0	-40624.7	24.8	18.2	137.9
909	35	37	58.83N	140	15	15.09E	38113.0	-40629.8	23.7	24.5	102.0
910	35	37	59.21N	140	15	16.05E	38137.0	-40618.0	22.6	26.7	63.8
911	35	37	59.86N	140	15	16.63E	38151.6	-40597.8	20.8	24.9	35.9
912	35	38	00.42N	140	15	17.34E	38169.4	-40580.5	15.0	24.8	45.8
913	35	38	00.99N	140	15	18.02E	38186.4	-40563.1	14.2	24.3	44.3
914	35	38	01.61N	140	15	18.75E	38204.5	-40543.9	13.7	26.4	43.3
915	35	38	02.17N	140	15	19.41E	38221.2	-40526.5	13.5	24.1	43.8
916	35	38	03.43N	140	15	20.95E	38259.7	-40487.6	13.9	54.7	44.7
917	35	38	03.55N	140	15	21.11E	38263.8	-40483.8	13.6	5.6	47.2
918	35	38	03.90N	140	15	21.53E	38274.3	-40472.9	13.4	15.1	43.9
919	35	38	04.44N	140	15	22.18E	38290.5	-40456.3	13.6	23.2	44.3
920	35	38	05.06N	140	15	22.91E	38308.8	-40437.0	13.8	26.6	43.5
921	35	38	05.64N	140	15	23.61E	38326.3	-40419.1	14.0	25.0	44.4
922	35	38	06.23N	140	15	24.29E	38343.4	-40400.9	14.7	25.0	43.2
923	35	38	06.05N	140	15	25.26E	38367.8	-40406.3	15.7	25.0	102.5
924	35	38	05.40N	140	15	25.84E	38382.5	-40426.3	15.9	24.8	143.7
925	35	38	04.81N	140	15	26.52E	38399.7	-40444.4	15.9	25.0	136.5
926	35	38	04.52N	140	15	27.46E	38423.4	-40453.3	15.9	25.3	110.6
927	35	38	04.98N	140	15	28.33E	38445.1	-40438.8	16.0	26.1	56.2
928	35	38	05.73N	140	15	28.88E	38459.0	-40415.7	16.2	27.0	31.0
929	35	38	06.33N	140	15	29.42E	38472.4	-40397.2	16.2	22.8	35.9
930	35	38	06.84N	140	15	30.18E	38491.5	-40381.4	16.1	24.8	50.4

931	35	38	07.05N	140	15	31.14E	38515.6	-40374.8	16.1	25.0	74.7
932	35	38	07.35N	140	15	32.07E	38538.9	-40365.4	16.1	25.1	68.0
933	35	38	07.86N	140	15	32.85E	38558.6	-40349.6	15.9	25.3	51.3
934	35	38	08.52N	140	15	33.44E	38573.2	-40329.3	15.8	25.0	35.7
935	35	38	09.18N	140	15	34.02E	38587.7	-40309.0	15.8	24.9	35.5
936	35	38	09.73N	140	15	34.72E	38605.2	-40291.8	15.5	24.5	45.5
937	35	38	10.08N	140	15	35.61E	38627.6	-40281.1	15.5	24.8	64.5
938	35	38	10.47N	140	15	36.48E	38649.4	-40268.7	15.3	25.1	60.4
939	35	38	10.88N	140	15	37.34E	38671.1	-40256.2	15.2	25.0	60.1
940	35	38	11.27N	140	15	38.22E	38693.1	-40244.1	14.9	25.1	61.2
941	35	38	11.67N	140	15	39.08E	38714.6	-40231.6	15.0	24.9	59.8
942	35	38	12.07N	140	15	39.95E	38736.5	-40219.3	14.9	25.1	60.7
943	35	38	12.46N	140	15	40.81E	38758.2	-40207.0	15.1	24.9	60.5
944	35	38	12.86N	140	15	41.68E	38780.0	-40194.7	15.1	25.0	60.6
945	35	38	13.26N	140	15	42.54E	38801.6	-40182.3	15.5	24.9	60.1
946	35	38	13.65N	140	15	43.42E	38823.6	-40170.2	15.5	25.1	61.2
947	35	38	14.05N	140	15	44.29E	38845.3	-40157.7	15.6	25.0	60.1
948	35	38	14.46N	140	15	45.15E	38867.1	-40145.1	15.8	25.2	60.0
949	35	38	14.84N	140	15	46.02E	38888.9	-40133.1	16.1	24.9	61.2
950	35	38	15.22N	140	15	46.90E	38910.8	-40121.2	17.3	24.9	61.5
951	35	38	14.74N	140	15	47.70E	38931.2	-40136.1	17.2	25.3	126.1
952	35	38	14.58N	140	15	48.64E	38954.8	-40141.0	17.1	24.1	101.7
953	35	38	14.75N	140	15	49.69E	38981.2	-40135.6	17.1	26.9	78.4
954	35	38	15.17N	140	15	50.54E	39002.4	-40122.4	17.2	25.0	58.1
955	35	38	15.35N	140	15	51.51E	39026.8	-40116.7	17.3	25.1	76.9
956	35	38	15.16N	140	15	52.47E	39051.0	-40122.5	17.5	24.9	103.5
957	35	38	15.31N	140	15	53.46E	39076.0	-40117.8	17.5	25.4	79.4
958	35	38	15.57N	140	15	54.41E	39099.7	-40109.8	17.7	25.0	71.3
959	35	38	15.79N	140	15	55.35E	39123.5	-40102.7	17.8	24.8	73.4
960	35	38	15.77N	140	15	56.35E	39148.5	-40103.3	18.0	25.0	91.4
961	35	38	15.52N	140	15	57.28E	39172.0	-40110.8	18.1	24.7	107.7
962	35	38	15.30N	140	15	58.25E	39196.4	-40117.7	18.1	25.4	105.8
963	35	38	15.46N	140	15	59.24E	39221.3	-40112.5	18.5	25.4	78.2
964	35	38	15.43N	140	16	00.19E	39245.1	-40113.4	18.9	23.8	92.2
965	35	38	15.16N	140	16	01.13E	39268.8	-40121.6	19.2	25.1	109.1
966	35	38	14.90N	140	16	02.07E	39292.5	-40129.6	19.3	25.0	108.7
967	35	38	14.76N	140	16	03.06E	39317.5	-40133.6	19.3	25.3	99.1
968	35	38	14.79N	140	16	04.06E	39342.6	-40132.6	19.5	25.1	87.7
969	35	38	15.04N	140	16	05.00E	39366.2	-40124.8	19.4	24.9	71.7
970	35	38	15.09N	140	16	06.00E	39391.4	-40123.2	18.1	25.3	86.4
971	35	38	15.17N	140	16	07.07E	39418.3	-40120.6	17.7	27.0	84.5
972	35	38	15.25N	140	16	08.06E	39443.1	-40118.1	17.7	24.9	84.2
973	35	38	15.32N	140	16	09.05E	39468.0	-40115.9	18.5	25.0	85.0
974	35	38	15.40N	140	16	10.04E	39492.9	-40113.3	20.0	25.0	84.0
975	35	38	15.46N	140	16	10.30E	39499.6	-40111.4	20.2	7.0	74.2
976	35	38	16.47N	140	16	11.44E	39528.1	-40080.0	19.2	42.4	42.2
977	35	38	17.01N	140	16	12.18E	39546.6	-40063.4	18.9	24.9	48.1
978	35	38	17.39N	140	16	13.05E	39568.5	-40051.6	18.8	24.9	61.7
979	35	38	17.60N	140	16	14.01E	39592.5	-40044.9	18.8	24.9	74.4
980	35	38	17.81N	140	16	14.97E	39616.7	-40038.3	18.9	25.1	74.7

981	35	38	18.02N	140	16	15.94E	39640.9	-40031.7	18.8	25.1	74.7
982	35	38	18.37N	140	16	16.84E	39663.5	-40021.1	18.8	25.0	64.9
983	35	38	18.82N	140	16	17.51E	39680.5	-40007.1	18.8	22.0	50.5
984	35	38	19.53N	140	16	18.20E	39697.6	-39985.0	19.3	27.9	37.7
985	35	38	20.29N	140	16	18.55E	39706.4	-39961.6	20.1	25.0	20.6
986	35	38	20.41N	140	16	19.54E	39731.3	-39957.9	19.3	25.2	81.5
987	35	38	20.34N	140	16	20.17E	39747.2	-39960.0	19.3	16.0	97.5
988	35	38	20.44N	140	16	21.51E	39780.9	-39956.7	21.2	33.9	84.4
989	35	38	19.91N	140	16	22.28E	39800.3	-39973.0	22.5	25.3	130.0
990	35	38	19.56N	140	16	23.14E	39821.9	-39983.6	24.2	24.1	116.1
991	35	38	19.59N	140	16	24.13E	39846.7	-39982.6	26.2	24.8	87.7
992	35	38	19.81N	140	16	25.07E	39870.5	-39975.5	28.5	24.8	73.4
993	35	38	20.28N	140	16	25.86E	39890.3	-39961.0	32.2	24.5	53.8
994	35	38	20.74N	140	16	26.66E	39910.4	-39946.7	36.7	24.7	54.6
995	35	38	21.21N	140	16	27.47E	39930.5	-39932.3	39.5	24.7	54.4
996	35	38	21.64N	140	16	28.29E	39951.1	-39918.8	41.8	24.6	56.8
997	35	38	22.03N	140	16	29.16E	39973.0	-39906.7	44.4	25.0	61.1
998	35	38	22.24N	140	16	30.12E	39997.0	-39900.1	46.0	24.9	74.6
999	35	38	22.44N	140	16	31.07E	40021.1	-39893.9	46.4	24.9	75.6
1000	35	38	22.56N	140	16	32.07E	40046.0	-39890.2	46.1	25.2	81.5
1001	35	38	22.67N	140	16	33.04E	40070.5	-39886.7	45.9	24.7	81.9
1002	35	38	22.78N	140	16	34.03E	40095.3	-39883.1	45.5	25.1	81.7
1003	35	38	22.85N	140	16	35.01E	40120.0	-39881.0	44.1	24.8	85.1
1004	35	38	23.23N	140	16	35.96E	40143.9	-39869.0	44.7	26.7	63.3
1005	35	38	23.61N	140	16	36.89E	40167.2	-39857.1	44.9	26.2	62.9
1006	35	38	23.95N	140	16	37.61E	40185.3	-39846.6	45.0	20.9	59.9
1007	35	38	24.36N	140	16	38.48E	40207.0	-39833.8	45.2	25.2	59.5
1008	35	38	24.78N	140	16	39.32E	40228.1	-39821.0	45.3	24.7	58.8
1009	35	38	25.21N	140	16	40.26E	40251.7	-39807.5	45.6	27.2	60.2
1010	35	38	25.62N	140	16	41.02E	40270.8	-39794.7	45.7	23.0	56.2
1011	35	38	26.01N	140	16	41.88E	40292.5	-39782.6	45.6	24.8	60.9
1012	35	38	26.86N	140	16	42.69E	40312.7	-39756.4	45.1	33.1	37.6
1013	35	38	27.10N	140	16	43.35E	40329.3	-39749.1	45.9	18.1	66.3
1014	35	38	27.62N	140	16	44.11E	40348.2	-39732.7	46.1	25.0	49.1
1015	35	38	28.13N	140	16	44.89E	40367.7	-39717.0	46.1	25.0	51.2
1016	35	38	28.55N	140	16	45.73E	40389.0	-39703.9	45.6	25.0	58.4
1017	35	38	28.95N	140	16	46.60E	40410.6	-39691.6	45.1	24.9	60.3
1018	35	38	29.77N	140	16	47.77E	40439.9	-39666.3	43.9	38.7	49.2
1019	35	38	29.84N	140	16	48.24E	40451.9	-39663.9	44.8	12.2	78.7
1020	35	38	30.37N	140	16	48.99E	40470.6	-39647.4	44.5	24.9	48.6
1021	35	38	30.90N	140	16	49.74E	40489.5	-39631.1	44.2	25.0	49.2
1022	35	38	31.43N	140	16	50.50E	40508.4	-39614.8	44.3	25.0	49.2
1023	35	38	31.95N	140	16	51.26E	40527.4	-39598.6	44.5	25.0	49.5
1024	35	38	32.42N	140	16	52.06E	40547.6	-39584.0	44.5	24.9	54.1
1025	35	38	32.91N	140	16	52.86E	40567.5	-39568.9	44.7	25.0	52.8
1026	35	38	33.43N	140	16	53.62E	40586.7	-39552.8	44.7	25.1	50.0
1027	35	38	33.95N	140	16	54.38E	40605.6	-39536.5	44.8	25.0	49.2
1028	35	38	34.48N	140	16	55.13E	40624.5	-39520.1	45.0	25.0	49.1
1029	35	38	35.01N	140	16	55.88E	40643.3	-39503.8	44.7	24.9	49.1
1030	35	38	35.54N	140	16	56.63E	40662.1	-39487.4	44.7	24.9	48.9

1031	35 38 36.06N	140 16 57.39E	40681.0	-39471.1	44.8	25.0	49.2
1032	35 38 36.59N	140 16 58.14E	40699.8	-39454.8	44.3	24.9	49.1
1033	35 38 37.27N	140 16 58.99E	40721.3	-39433.9	44.2	30.0	45.8
1034	35 38 37.71N	140 16 59.57E	40735.8	-39420.0	43.8	20.1	46.2
1035	35 38 37.84N	140 16 59.75E	40740.1	-39416.0	43.5	5.9	47.1
1036	35 38 38.84N	140 17 01.00E	40771.4	-39385.2	41.8	43.9	45.5
1037	35 38 39.40N	140 17 01.71E	40789.3	-39367.7	40.8	25.0	45.6
1038	35 38 39.99N	140 17 02.39E	40806.4	-39349.7	39.9	24.8	43.5
1039	35 38 40.55N	140 17 03.11E	40824.4	-39332.2	39.0	25.1	45.8
1040	35 38 41.20N	140 17 03.70E	40839.1	-39312.1	38.4	24.9	36.2
1041	35 38 41.94N	140 17 04.11E	40849.3	-39289.4	37.7	24.9	24.2
1042	35 38 42.68N	140 17 04.40E	40856.6	-39266.5	36.9	24.0	17.7
1043	35 38 43.15N	140 17 04.64E	40862.4	-39251.9	36.3	15.7	21.7
1044	35 38 44.07N	140 17 05.01E	40871.7	-39223.4	35.1	30.0	18.1
1045	35 38 44.02N	140 17 06.17E	40900.9	-39225.1	33.4	29.2	93.3
1046	35 38 43.72N	140 17 07.07E	40923.6	-39234.1	34.8	24.4	111.6
1047	35 38 43.53N	140 17 08.06E	40948.3	-39239.7	35.7	25.3	102.8
1048	35 38 43.09N	140 17 09.04E	40973.1	-39253.4	36.5	28.3	118.9
1049	35 38 42.83N	140 17 09.85E	40993.5	-39261.1	36.8	21.8	110.7
1050	35 38 42.58N	140 17 10.84E	41018.5	-39268.9	37.5	26.2	107.3
1051	35 38 42.54N	140 17 11.77E	41042.0	-39269.8	38.0	23.5	92.2
1052	35 38 42.88N	140 17 12.67E	41064.5	-39259.4	38.4	24.8	65.2
1053	35 38 43.34N	140 17 13.48E	41084.9	-39245.2	38.4	24.9	55.2
1054	35 38 43.91N	140 17 14.50E	41110.4	-39227.5	38.2	31.0	55.2
1055	35 38 44.24N	140 17 15.12E	41126.0	-39217.0	38.1	18.8	56.1
1056	35 38 44.70N	140 17 15.94E	41146.4	-39203.0	37.9	24.7	55.5
1057	35 38 45.14N	140 17 16.73E	41166.2	-39189.2	38.0	24.1	55.1
1058	35 38 45.62N	140 17 17.57E	41187.4	-39174.4	38.3	25.9	55.1
1059	35 38 46.01N	140 17 18.45E	41209.5	-39162.1	38.8	25.3	60.9
1060	35 38 46.47N	140 17 19.27E	41229.9	-39147.8	39.5	24.9	55.0
1061	35 38 46.97N	140 17 20.15E	41252.0	-39132.4	40.1	26.9	55.1
1062	35 38 47.40N	140 17 20.91E	41271.0	-39119.1	40.4	23.2	55.0
1063	35 38 47.86N	140 17 21.72E	41291.4	-39104.9	40.9	24.9	55.2
1064	35 38 48.33N	140 17 22.53E	41311.7	-39090.3	41.4	25.0	54.3
1065	35 38 48.78N	140 17 23.33E	41331.8	-39076.4	41.7	24.4	55.3
1066	35 38 49.11N	140 17 24.27E	41355.4	-39066.0	42.2	25.8	66.2
1067	35 38 49.24N	140 17 25.26E	41380.1	-39061.9	42.3	25.0	80.6
1068	35 38 49.39N	140 17 26.23E	41404.7	-39057.0	42.2	25.1	78.7
1069	35 38 49.48N	140 17 27.23E	41429.7	-39054.2	42.9	25.2	83.6
1070	35 38 49.54N	140 17 28.37E	41458.5	-39052.4	43.4	28.9	86.4
1071	35 38 49.58N	140 17 29.21E	41479.5	-39050.8	43.8	21.1	85.6
1072	35 38 49.69N	140 17 30.18E	41503.8	-39047.4	44.1	24.5	82.0
1073	35 38 49.74N	140 17 31.17E	41528.9	-39045.7	44.1	25.2	86.1
1074	35 38 49.89N	140 17 32.17E	41553.8	-39041.0	44.1	25.3	79.3
1075	35 38 49.97N	140 17 33.16E	41578.7	-39038.4	44.1	25.0	84.0
1076	35 38 50.05N	140 17 34.14E	41603.4	-39035.8	44.0	24.8	84.0
1077	35 38 50.17N	140 17 35.14E	41628.5	-39032.1	43.7	25.4	81.6
1078	35 38 50.24N	140 17 36.12E	41653.1	-39029.8	43.6	24.7	84.7
1079	35 38 50.34N	140 17 37.18E	41679.9	-39026.7	44.4	27.0	83.4
1080	35 38 50.38N	140 17 37.69E	41692.8	-39025.2	44.5	13.0	83.4

1081	35 38 50.50N	140 17 39.08E	41727.6	-39021.5	44.7	35.0	83.9
1082	35 38 50.59N	140 17 40.06E	41752.3	-39018.7	44.7	24.9	83.5
1083	35 38 50.68N	140 17 41.05E	41777.1	-39015.8	44.9	25.0	83.3
1084	35 38 50.76N	140 17 42.04E	41802.1	-39013.0	45.0	25.2	83.6
1085	35 38 50.85N	140 17 43.03E	41826.8	-39010.2	45.0	24.9	83.5
1086	35 38 50.94N	140 17 44.01E	41851.5	-39007.3	45.1	24.9	83.3
1087	35 38 51.06N	140 17 45.35E	41885.3	-39003.4	45.2	34.0	83.4
1088	35 38 51.12N	140 17 45.98E	41901.1	-39001.6	45.0	15.9	83.5
1089	35 38 51.21N	140 17 46.97E	41926.0	-38998.7	44.8	25.1	83.4
1090	35 38 51.29N	140 17 47.95E	41950.7	-38995.9	44.9	24.9	83.5
1091	35 38 51.36N	140 17 48.77E	41971.2	-38993.8	45.5	20.6	84.2
1092	35 38 51.46N	140 17 49.78E	41996.6	-38990.5	45.5	25.6	82.6
1093	35 38 51.72N	140 17 51.09E	42029.4	-38982.3	45.9	33.8	76.0
1094	35 38 51.90N	140 17 51.54E	42040.8	-38976.8	45.7	12.7	64.2
1095	35 38 52.29N	140 17 52.91E	42075.1	-38964.7	45.7	36.4	70.6
1096	35 38 52.53N	140 17 53.68E	42094.5	-38957.1	45.6	20.8	68.6
1097	35 38 52.84N	140 17 54.62E	42118.2	-38947.6	45.5	25.5	68.2
1098	35 38 53.13N	140 17 55.52E	42140.7	-38938.3	44.7	24.3	67.5
1099	35 38 53.34N	140 17 56.18E	42157.4	-38931.8	44.6	17.9	68.7
1100	35 38 53.71N	140 17 57.37E	42187.3	-38920.3	45.2	32.0	69.0
1101	35 38 54.01N	140 17 58.31E	42210.7	-38911.0	46.7	25.2	68.3
1102	35 38 54.30N	140 17 59.23E	42233.9	-38901.8	45.1	25.0	68.4
1103	35 38 54.60N	140 18 00.14E	42256.8	-38892.7	44.6	24.6	68.3
1104	35 38 54.70N	140 18 00.46E	42264.7	-38889.4	44.8	8.6	67.3
1105	35 38 55.16N	140 18 02.02E	42304.0	-38875.1	44.9	41.8	70.0
1106	35 38 55.42N	140 18 02.82E	42324.1	-38867.0	44.7	21.7	68.1
1107	35 38 55.75N	140 18 03.88E	42350.7	-38856.6	44.6	28.6	68.6
1108	35 38 56.08N	140 18 04.87E	42375.5	-38846.3	44.6	26.9	67.4
1109	35 38 56.35N	140 18 05.75E	42397.6	-38838.1	44.4	23.6	69.6
1110	35 38 56.64N	140 18 06.64E	42420.0	-38829.0	44.3	24.2	67.9
1111	35 38 56.96N	140 18 07.68E	42446.0	-38818.9	44.2	27.9	68.8
1112	35 38 57.23N	140 18 08.50E	42466.6	-38810.7	44.2	22.2	68.3
1113	35 38 57.57N	140 18 09.61E	42494.4	-38799.9	43.8	29.8	68.8
1114	35 38 57.83N	140 18 10.44E	42515.4	-38791.7	43.3	22.5	68.7
1115	35 38 58.10N	140 18 11.28E	42536.3	-38783.3	43.2	22.5	68.1
1116	35 38 58.40N	140 18 12.20E	42559.5	-38774.1	43.1	25.0	68.4
1117	35 38 58.70N	140 18 13.13E	42582.7	-38764.8	43.2	25.0	68.2
1118	35 38 59.00N	140 18 14.05E	42605.9	-38755.4	43.1	25.0	67.9
1119	35 38 59.29N	140 18 14.95E	42628.4	-38746.3	43.3	24.3	68.0
1120	35 38 59.59N	140 18 15.89E	42652.2	-38737.0	43.6	25.6	68.7
1121	35 38 59.88N	140 18 16.79E	42674.7	-38727.8	43.3	24.3	67.8
1122	35 39 00.21N	140 18 17.83E	42700.7	-38717.6	43.6	27.9	68.6
1201	35 28 41.97N	140 05 25.59E	23328.5	-57839.7	5.8	27220.2	225.4
1202	35 28 42.78N	140 05 25.42E	23324.2	-57814.9	5.5	25.2	350.2
1203	35 28 43.58N	140 05 25.27E	23320.3	-57790.2	5.5	25.0	351.0
1204	35 28 44.38N	140 05 25.12E	23316.4	-57765.4	5.5	25.1	351.1
1211	35 28 48.00N	140 05 19.25E	23168.2	-57654.4	4.4	185.2	306.8
1212	35 28 48.76N	140 05 19.61E	23177.2	-57631.0	4.3	25.1	21.0
1213	35 28 49.51N	140 05 19.97E	23186.2	-57607.6	4.5	25.1	21.0
1214	35 28 50.28N	140 05 20.34E	23195.4	-57584.1	4.5	25.2	21.4

1221	35 28 51.86N	140 05 21.01E	23212.2	-57535.3	4.4	51.6	19.0
1222	35 28 52.62N	140 05 21.36E	23221.0	-57511.8	4.5	25.1	20.5
1223	35 28 53.39N	140 05 21.69E	23229.3	-57488.2	4.5	25.0	19.4
1224	35 28 54.15N	140 05 22.04E	23238.0	-57464.7	4.6	25.1	20.3
1231	35 29 01.27N	140 05 28.97E	23412.0	-57244.7	5.4	280.5	38.3
1232	35 29 01.97N	140 05 29.47E	23424.6	-57223.1	5.5	25.0	30.3
1233	35 29 02.68N	140 05 29.95E	23436.6	-57201.3	5.5	24.9	28.8
1234	35 29 03.38N	140 05 30.46E	23449.4	-57179.8	5.7	25.0	30.8
1241	35 29 07.57N	140 05 28.25E	23393.4	-57050.8	7.1	140.6	336.5
1242	35 29 08.61N	140 05 27.50E	23374.4	-57018.7	6.9	37.3	329.4
1243	35 29 09.33N	140 05 27.04E	23362.9	-56996.5	6.8	25.0	332.6
1244	35 29 10.06N	140 05 26.61E	23351.9	-56974.2	6.9	24.9	333.7
1251	35 38 11.64N	140 16 54.73E	40617.6	-40223.9	19.8	24055.7	45.9
1252	35 38 12.38N	140 16 54.76E	40618.4	-40201.1	20.3	22.8	2.0
1253	35 38 13.24N	140 16 54.52E	40612.2	-40174.9	20.0	26.9	346.7
1254	35 38 14.04N	140 16 54.46E	40610.4	-40150.1	20.3	24.9	355.8
1255	35 38 14.83N	140 16 54.74E	40617.5	-40125.8	20.2	25.3	16.3
1256	35 38 15.59N	140 16 54.97E	40623.2	-40102.4	20.8	24.1	13.7



Prospect : CHIBA-KEN CHIKAKOUZOUCHOUA'02  
 Spheroid : BESSEL  
 Semi Major Axis : 6377397.15500 m  
 Semi Minor Axis : 6356078.96300 m  
 Projection : Transverse Mercator  
 Origin Latitude : 36-00-00.000 N  
 Origin Longitude : 139-50-00.000 E  
 Zone Number : 9  
 Scale Factor : 0.999900  
 False Northing : 0.000 m  
 False Easting : 0.000 m

No.	Latitude	Longitude	East(m)	North(m)	Elev(m)	Dist(m)	Hd(D)
4	35 29 21.02N	140 05 31.41E	23472.1	-56636.0	8.0	0.0	0.0
11	35 29 25.21N	140 05 36.23E	23593.0	-56506.8	6.1	176.9	43.1
16	35 29 28.51N	140 05 39.83E	23683.6	-56404.8	5.3	136.4	41.6
25	35 29 33.84N	140 05 45.16E	23817.5	-56240.1	2.1	212.3	39.1
36	35 29 40.25N	140 05 52.68E	24006.4	-56042.0	5.3	273.7	43.6
44	35 29 44.82N	140 05 58.44E	24151.2	-55901.0	11.2	202.1	45.8
52	35 29 49.50N	140 06 03.87E	24287.6	-55756.3	12.1	198.9	43.3
59	35 29 53.83N	140 06 08.44E	24402.4	-55622.7	6.8	176.1	40.7
66	35 29 57.92N	140 06 13.07E	24518.7	-55496.2	6.2	171.8	42.6
74	35 30 02.70N	140 06 18.55E	24656.3	-55348.6	6.1	201.8	43.0
82	35 30 07.27N	140 06 24.14E	24796.9	-55207.3	6.3	199.3	44.9
89	35 30 11.16N	140 06 29.17E	24923.2	-55087.2	6.4	174.3	46.4
96	35 30 14.92N	140 06 34.35E	25053.4	-54971.0	6.4	174.5	48.3
102	35 30 18.03N	140 06 38.93E	25168.5	-54874.7	6.2	150.1	50.1
107	35 30 20.56N	140 06 42.80E	25265.9	-54796.5	6.1	124.9	51.2
114	35 30 24.00N	140 06 48.09E	25398.9	-54690.3	6.0	170.2	51.4
120	35 30 27.15N	140 06 52.89E	25519.4	-54592.9	6.1	154.9	51.1
126	35 30 30.35N	140 06 57.40E	25632.9	-54493.9	6.2	150.6	48.9
130	35 30 32.37N	140 07 00.15E	25702.0	-54431.4	6.3	93.2	47.9
134	35 30 34.44N	140 07 02.85E	25769.8	-54367.4	6.6	93.2	46.7
143	35 30 39.32N	140 07 08.80E	25919.4	-54216.7	7.0	212.3	44.8
150	35 30 43.51N	140 07 13.43E	26035.6	-54087.3	6.5	173.9	41.9
156	35 30 47.18N	140 07 17.18E	26129.7	-53973.7	6.2	147.5	39.6
162	35 30 51.02N	140 07 20.87E	26222.2	-53855.3	6.0	150.2	38.0
168	35 30 54.92N	140 07 24.42E	26311.3	-53734.8	5.9	149.9	36.5
174	35 30 58.89N	140 07 27.96E	26400.3	-53612.3	5.9	151.4	36.0
180	35 31 02.85N	140 07 31.47E	26488.4	-53489.8	6.0	150.9	35.7
186	35 31 06.90N	140 07 35.03E	26577.6	-53364.8	5.9	153.6	35.5
192	35 31 10.85N	140 07 38.46E	26663.7	-53243.0	5.9	149.2	35.3
202	35 31 17.69N	140 07 44.52E	26815.7	-53031.6	6.7	260.4	35.7

211	35	31	23.59N	140	07	49.79E	26947.9	-52849.4	6.2	225.1	36.0
216	35	31	27.19N	140	07	53.00E	27028.3	-52738.2	5.7	137.2	35.9
223	35	31	31.46N	140	07	56.79E	27123.4	-52606.5	5.5	162.4	35.8
228	35	31	34.74N	140	07	59.71E	27196.7	-52505.3	5.1	125.0	35.9
236	35	31	39.97N	140	08	04.41E	27314.7	-52343.7	5.4	200.1	36.1
243	35	31	44.57N	140	08	08.52E	27417.7	-52201.5	5.7	175.6	35.9
249	35	31	48.57N	140	08	12.05E	27506.1	-52078.1	5.8	151.8	35.6
255	35	31	52.79N	140	08	15.75E	27599.0	-51947.7	5.6	160.1	35.5
262	35	31	57.06N	140	08	19.52E	27693.6	-51815.8	5.8	162.3	35.6
268	35	32	01.08N	140	08	23.01E	27781.1	-51691.7	5.7	151.8	35.2
274	35	32	05.17N	140	08	26.31E	27863.7	-51565.4	5.6	150.9	33.2
280	35	32	09.41N	140	08	29.28E	27938.2	-51434.5	5.7	150.6	29.6
286	35	32	13.91N	140	08	31.85E	28002.5	-51295.7	5.8	153.0	24.9
300	35	32	22.64N	140	08	39.27E	28188.4	-51026.1	5.2	327.5	34.6
306	35	32	25.72N	140	08	43.68E	28299.4	-50931.0	5.5	146.2	49.4
311	35	32	28.48N	140	08	47.57E	28397.1	-50845.4	5.7	129.9	48.8
316	35	32	31.31N	140	08	51.25E	28489.4	-50758.0	5.9	127.1	46.6
322	35	32	35.25N	140	08	54.89E	28580.7	-50636.2	5.9	152.2	36.9
327	35	32	39.01N	140	08	57.75E	28652.3	-50520.1	6.2	136.4	31.7
331	35	32	41.00N	140	08	59.96E	28707.9	-50458.7	6.1	82.8	42.2
334	35	32	42.82N	140	09	01.97E	28758.3	-50402.4	6.1	75.6	41.8
337	35	32	44.64N	140	09	03.97E	28808.5	-50346.2	6.3	75.4	41.8
339	35	32	46.30N	140	09	05.83E	28855.0	-50294.8	6.4	69.3	42.1
355	35	32	54.78N	140	09	14.03E	29060.8	-50032.9	7.0	333.1	38.2
357	35	32	54.56N	140	09	15.88E	29107.3	-50039.5	7.4	47.0	98.1
362	35	32	55.51N	140	09	24.14E	29315.2	-50009.6	7.3	210.0	81.8
366	35	32	56.86N	140	09	30.32E	29470.7	-49967.4	7.6	161.1	74.8
371	35	32	58.53N	140	09	38.02E	29664.4	-49915.3	8.2	200.6	74.9
374	35	32	59.66N	140	09	42.54E	29778.2	-49880.3	11.2	119.1	72.9
378	35	33	01.19N	140	09	48.61E	29930.8	-49832.5	14.9	159.9	72.6
381	35	33	02.28N	140	09	53.98E	30066.0	-49798.6	18.4	139.4	75.9
386	35	33	05.19N	140	09	59.16E	30196.0	-49708.5	19.4	158.2	55.3
391	35	33	11.58N	140	09	57.63E	30156.9	-49511.8	15.8	200.5	348.8
394	35	33	15.15N	140	09	55.67E	30107.3	-49401.7	16.5	120.8	335.7
397	35	33	19.36N	140	09	53.28E	30046.5	-49272.2	17.3	143.1	334.9
401	35	33	23.66N	140	09	52.03E	30014.6	-49139.9	18.6	136.1	346.4
403	35	33	26.23N	140	09	52.69E	30031.1	-49060.8	20.2	80.8	11.8
407	35	33	31.25N	140	09	54.18E	30068.0	-48905.7	22.7	159.4	13.4
412	35	33	38.25N	140	09	55.59E	30102.9	-48690.0	27.8	218.5	9.2
416	35	33	39.87N	140	10	00.10E	30216.1	-48639.6	30.4	123.9	66.0
419	35	33	39.87N	140	10	04.86E	30336.0	-48639.4	31.7	119.9	89.9
424	35	33	39.86N	140	10	12.79E	30535.8	-48639.0	34.6	199.8	89.9
427	35	33	39.82N	140	10	17.57E	30656.0	-48639.9	36.6	120.2	90.4
430	35	33	39.85N	140	10	22.34E	30776.2	-48638.4	37.1	120.2	89.3
433	35	33	39.90N	140	10	27.11E	30896.1	-48636.6	38.2	119.9	89.1
436	35	33	40.73N	140	10	32.03E	31020.0	-48610.5	38.5	126.6	78.1
440	35	33	41.05N	140	10	37.87E	31167.0	-48600.1	32.5	147.4	86.0
445	35	33	44.89N	140	10	42.27E	31277.5	-48481.3	37.6	162.2	42.9
451	35	33	47.98N	140	10	46.89E	31393.3	-48385.7	40.0	150.2	50.5
454	35	33	49.69N	140	10	49.00E	31446.3	-48332.9	39.7	74.8	45.1

459	35	33	52.48N	140	10	52.67E	31538.4	-48246.5	34.1	126.3	46.8
463	35	33	55.10N	140	10	55.17E	31601.1	-48165.5	28.9	102.4	37.7
473	35	34	00.38N	140	11	02.11E	31775.3	-48002.4	20.3	238.6	46.9
478	35	34	04.80N	140	11	03.41E	31807.4	-47866.1	21.3	140.0	13.3
485	35	34	09.86N	140	11	06.27E	31878.9	-47709.9	30.8	171.8	24.6
495	35	34	15.27N	140	11	13.41E	32058.1	-47542.6	39.6	245.2	47.0
509	35	34	21.24N	140	11	23.17E	32303.0	-47357.8	24.0	306.8	53.0
517	35	34	21.76N	140	11	31.06E	32501.6	-47341.0	24.5	199.3	85.2
521	35	34	22.35N	140	11	34.99E	32600.5	-47322.5	28.2	100.6	79.4
528	35	34	24.99N	140	11	41.13E	32754.7	-47240.5	37.0	174.6	62.0
532	35	34	27.21N	140	11	44.05E	32828.0	-47171.8	40.9	100.5	46.9
542	35	34	32.45N	140	11	51.11E	33005.1	-47009.8	39.9	240.0	47.5
551	35	34	36.51N	140	11	58.88E	33200.4	-46883.7	41.4	232.5	57.2
555	35	34	38.74N	140	12	01.76E	33272.5	-46814.8	41.7	99.7	46.3
558	35	34	40.30N	140	12	04.04E	33329.9	-46766.7	42.8	74.9	50.0
568	35	34	45.59N	140	12	11.70E	33522.1	-46602.8	45.7	252.6	49.5
576	35	34	50.23N	140	12	17.13E	33658.2	-46459.4	45.6	197.7	43.5
581	35	34	53.59N	140	12	19.84E	33726.1	-46355.5	44.9	124.1	33.2
587	35	34	55.82N	140	12	24.98E	33855.2	-46286.3	44.6	146.5	61.8
590	35	34	54.15N	140	12	30.75E	34000.5	-46337.2	26.5	154.0	109.3
593	35	34	56.15N	140	12	32.45E	34043.1	-46275.6	25.9	74.9	34.7
596	35	34	58.05N	140	12	34.24E	34088.0	-46216.7	25.7	74.1	37.3
599	35	35	00.10N	140	12	35.88E	34128.9	-46153.4	25.6	75.4	32.9
612	35	35	07.97N	140	12	44.46E	34343.9	-45910.2	24.0	324.6	41.5
615	35	35	09.07N	140	12	47.46E	34419.5	-45875.8	24.0	83.1	65.5
623	35	35	10.07N	140	12	54.01E	34584.0	-45844.4	37.2	167.5	79.2
634	35	35	10.81N	140	13	04.78E	34855.0	-45820.7	35.6	272.0	85.0
638	35	35	11.60N	140	13	08.93E	34959.6	-45795.8	33.9	107.5	76.6
644	35	35	12.52N	140	13	14.02E	35087.6	-45766.9	30.5	131.2	77.3
652	35	35	13.29N	140	13	21.91E	35285.9	-45742.6	23.6	199.8	83.0
655	35	35	13.73N	140	13	24.80E	35358.7	-45728.7	23.5	74.1	79.2
676	35	35	25.34N	140	13	33.09E	35566.0	-45370.1	43.5	414.2	30.0
683	35	35	30.99N	140	13	32.89E	35560.1	-45195.9	41.9	174.3	358.1
690	35	35	36.19N	140	13	35.30E	35620.3	-45035.4	43.2	171.4	20.6
699	35	35	42.19N	140	13	39.43E	35723.4	-44850.2	41.5	212.0	29.1
706	35	35	46.81N	140	13	43.53E	35826.0	-44707.4	41.2	175.8	35.7
711	35	35	50.12N	140	13	45.83E	35883.4	-44605.2	42.0	117.2	29.3
715	35	35	53.69N	140	13	47.80E	35932.6	-44494.9	41.4	120.8	24.0
722	35	35	58.60N	140	13	50.11E	35990.1	-44343.6	39.3	161.9	20.8
730	35	36	04.76N	140	13	52.60E	36052.1	-44153.5	40.6	200.0	18.1
734	35	36	07.88N	140	13	53.64E	36077.9	-44057.3	41.0	99.6	15.0
740	35	36	12.71N	140	13	55.17E	36115.7	-43908.1	41.3	153.9	14.2
745	35	36	16.58N	140	13	55.31E	36118.7	-43788.9	40.5	119.2	1.4
749	35	36	19.77N	140	13	55.64E	36126.6	-43690.5	40.2	98.7	4.6
752	35	36	22.21N	140	13	55.87E	36132.1	-43615.3	39.2	75.4	4.2
756	35	36	25.47N	140	13	56.17E	36139.2	-43515.0	38.4	100.6	4.0
760	35	36	28.69N	140	13	56.41E	36145.0	-43415.7	36.9	99.5	3.3
766	35	36	33.43N	140	13	57.36E	36168.2	-43269.6	36.7	147.9	9.0
769	35	36	35.61N	140	13	58.65E	36200.5	-43202.2	38.7	74.7	25.6
773	35	36	38.50N	140	14	00.45E	36245.3	-43113.1	36.8	99.7	26.7

776	35	36	40.68N	140	14	01.78E	36278.5	-43045.7	31.5	75.1	26.2
781	35	36	44.56N	140	14	04.46E	36345.5	-42925.9	28.1	137.3	29.2
790	35	36	50.46N	140	14	08.65E	36450.2	-42743.7	27.7	210.1	29.9
795	35	36	54.34N	140	14	09.86E	36480.2	-42623.8	25.2	123.6	14.0
800	35	36	57.83N	140	14	12.26E	36540.1	-42516.1	18.9	123.2	29.1
804	35	37	01.03N	140	14	11.20E	36512.9	-42417.6	17.9	102.2	344.6
820	35	37	09.31N	140	14	18.94E	36706.8	-42161.8	38.2	321.0	37.2
825	35	37	10.96N	140	14	23.49E	36821.0	-42110.4	40.7	125.2	65.8
831	35	37	14.66N	140	14	27.11E	36911.5	-41995.9	39.4	145.9	38.3
840	35	37	19.70N	140	14	32.96E	37058.1	-41840.0	39.7	214.0	43.2
847	35	37	19.87N	140	14	40.27E	37242.1	-41834.1	39.1	184.1	88.2
853	35	37	21.57N	140	14	45.51E	37373.6	-41781.1	36.3	141.8	68.0
858	35	37	24.94N	140	14	49.09E	37463.3	-41676.9	39.4	137.5	40.7
862	35	37	26.70N	140	14	52.44E	37547.4	-41622.3	40.6	100.3	57.0
866	35	37	29.04N	140	14	55.37E	37620.6	-41549.8	41.2	103.0	45.3
870	35	37	31.81N	140	14	57.54E	37675.0	-41464.3	40.8	101.3	32.5
873	35	37	34.00N	140	14	58.89E	37708.6	-41396.8	40.4	75.4	26.5
877	35	37	38.09N	140	14	57.67E	37677.5	-41270.7	42.4	129.9	346.1
886	35	37	43.97N	140	15	04.17E	37840.2	-41089.0	42.1	243.9	41.8
893	35	37	48.77N	140	15	06.96E	37909.7	-40940.8	37.4	163.7	25.1
899	35	37	53.08N	140	15	09.70E	37978.0	-40807.5	35.0	149.8	27.1
903	35	37	56.29N	140	15	11.84E	38031.6	-40708.6	30.0	112.5	28.5
908	35	37	58.95N	140	15	14.07E	38087.3	-40626.3	24.6	99.4	34.1
918	35	38	08.42N	140	15	15.39E	38119.1	-40334.4	13.2	293.6	6.2
927	35	38	05.03N	140	15	28.25E	38443.2	-40437.3	16.1	340.0	107.6
931	35	38	07.13N	140	15	31.11E	38514.9	-40372.5	16.3	96.6	47.9
939	35	38	10.93N	140	15	37.30E	38670.1	-40254.7	15.2	194.8	52.8
944	35	38	12.91N	140	15	41.65E	38779.1	-40193.1	15.2	125.2	60.5
949	35	38	14.88N	140	15	46.00E	38888.2	-40131.8	16.2	125.1	60.7
962	35	38	15.38N	140	15	58.27E	39197.0	-40115.2	18.4	309.2	86.9
970	35	38	15.17N	140	16	05.99E	39391.1	-40120.8	18.2	194.2	91.7
976	35	38	16.76N	140	16	11.68E	39534.1	-40071.1	19.1	151.4	70.8
981	35	38	18.09N	140	16	15.91E	39640.3	-40029.7	18.8	114.0	68.7
986	35	38	20.47N	140	16	19.86E	39739.4	-39955.9	19.4	123.6	53.3
990	35	38	18.57N	140	16	23.77E	39838.0	-40014.1	18.0	114.5	120.6
995	35	38	17.78N	140	16	26.60E	39909.1	-40037.9	18.4	75.0	108.5
1000	35	38	16.62N	140	16	29.84E	39990.8	-40073.4	18.6	89.1	113.5
1007	35	38	24.22N	140	16	38.57E	40209.5	-39838.1	45.2	321.2	42.9
1014	35	38	27.53N	140	16	44.21E	40350.8	-39735.5	46.0	174.6	54.0
1024	35	38	32.29N	140	16	52.17E	40550.4	-39587.9	44.5	248.2	53.5
1030	35	38	35.43N	140	16	56.72E	40664.4	-39490.7	44.6	149.8	49.5
1039	35	38	40.46N	140	17	03.25E	40827.8	-39334.9	39.2	225.8	46.4
1047	35	38	43.22N	140	17	07.90E	40944.5	-39249.5	35.6	144.6	53.8
1053	35	38	43.42N	140	17	14.13E	41101.2	-39242.4	38.2	156.9	87.4
1063	35	38	47.72N	140	17	21.84E	41294.5	-39109.0	40.8	234.9	55.4
1068	35	38	49.16N	140	17	26.26E	41405.3	-39064.1	42.6	119.6	67.9
1077	35	38	49.91N	140	17	35.14E	41628.6	-39040.0	44.3	224.6	83.8
1084	35	38	50.54N	140	17	42.07E	41802.9	-39020.0	45.3	175.4	83.5
1087	35	38	50.82N	140	17	45.38E	41886.1	-39010.7	45.5	83.7	83.6
1096	35	38	52.33N	140	17	53.77E	42096.8	-38963.4	45.6	215.9	77.3

1098	35 38 53.02N	140 17 55.98E	42152.4	-38941.8	45.3	59.6	68.8
1110	35 38 56.44N	140 18 06.75E	42422.6	-38835.0	44.3	290.5	68.4
1118	35 38 58.81N	140 18 14.14E	42608.2	-38761.3	43.4	199.7	68.3
1120	35 38 59.56N	140 18 16.47E	42666.6	-38737.9	43.5	62.9	68.2
3001	35 28 44.88N	140 05 03.86E	22780.5	-57751.5	5.2	27513.2	226.3
3002	35 28 49.58N	140 05 05.36E	22818.0	-57606.5	5.4	149.8	14.5
3003	35 28 55.17N	140 05 07.87E	22880.7	-57434.0	5.9	183.5	20.0
3004	35 29 00.97N	140 05 11.44E	22970.2	-57255.2	5.1	199.9	26.6
3005	35 29 04.73N	140 05 14.36E	23043.5	-57139.0	5.1	137.4	32.2
3006	35 29 09.36N	140 05 18.44E	23146.0	-56996.2	5.8	175.8	35.7

Prospect : CHIBA-KEN CHIKAKOUZOUCHOUA'02  
 Spheroid : BESSEL  
 Semi Major Axis : 6377397.15500 m  
 Semi Minor Axis : 6356078.96300 m  
 Projection : Transverse Mercator  
 Origin Latitude : 36-00-00.000 N  
 Origin Longitude : 139-50-00.000 E  
 Zone Number : 9  
 Scale Factor : 0.999900  
 False Northing : 0.000 m  
 False Easting : 0.000 m

No.	Latitude	Longitude	East(m)	North(m)	Elev(m)	Dist(m)	Hd(D)
2001	35 32 03.42N	140 08 23.20E	27785.6	-51619.7	5.0	0.0	0.0
2002	35 33 58.27N	140 10 18.03E	30665.7	-48071.3	32.7	4570.1	39.1
2003	35 37 40.19N	140 14 47.27E	37415.4	-41207.1	41.7	9626.8	44.5
2004	35 28 40.38N	140 05 26.01E	23339.1	-57888.7	6.2	21827.0	220.2
2005	35 38 10.34N	140 16 54.61E	40614.7	-40264.2	24.9	24679.3	44.4