

T	1900		1920		1940		1960		1980		T
Lat ° ,	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	Long ° ,
21 N	124 45.0E +	19	124 48.8E +	19	124 52.6E +	19	124 56.5E +	19	125 00.4E +	20	
21 15	124 58.2	20	125 02.2	20	125 06.3	20	125 10.3	20	125 14.4	21	
21 30	125 11.1	21	125 15.3	21	125 19.5	21	125 23.8	21	125 28.1	22	
21 45	125 23.6	22	125 28.0	22	125 32.4	22	125 36.9	23	125 41.5	23	
22 N	125 35.8E +	23	125 40.4E +	23	125 45.1E +	24	125 49.8E +	24	125 54.6E +	24	
23	126 23.0	28	126 28.6	28	126 34.2	28	126 39.9	28	126 45.6	29	
24	127 08.8	33	127 15.3	33	127 21.9	33	127 28.5	33	127 35.2	34	
25 N	127 54.0E +	38	128 01.5E +	38	128 09.1E +	38	128 16.8E +	38	128 24.5E +	39	
26	128 39.2	43	128 47.8	43	128 56.5	43	129 05.2	44	129 14.0	44	
27	129 24.8	48	129 34.5	49	129 44.2	49	129 54.0	49	130 03.9	50	
28	130 10.9	54	130 21.7	54	130 32.5	54	130 43.5	55	130 54.5	55	
29	130 57.7	59	131 09.7	60	131 21.7	60	131 33.8	61	131 46.0	61	
30 N	131 45.4E +	65	131 58.5E +	66	132 11.8E +	66	132 25.1E +	67	132 38.5E +	67	
31	132 34.1	71	132 48.5	72	133 02.9	73	133 17.5	73	133 32.2	74	
32	133 24.0	78	133 39.6	78	133 55.3	79	134 11.2	80	134 27.2	80	
33	134 15.0	84	134 32.0	85	134 49.0	86	135 06.3	87	135 23.7	87	
34	135 07.4	91	135 25.8	92	135 44.3	93	136 02.9	94	136 21.7	95	
35 N	136 01.3E +	98	136 21.1E +	99	136 41.1E +	100	137 01.2E +	101	137 21.6E +	102	
36 N	136 56.9E +	106	137 18.2E +	107	137 39.6E +	108	138 01.3E +	109	138 23.3E +	110	
	L ₀		L ₀		L ₀		L ₀		L ₀		
T	1900		1920		1940		1960		1980		T

T	2000	2020	2040	2060	2080	T
Lat °	L ° Δ	L ° Δ	L ° Δ	L ° Δ	L ° Δ	Long °
	22 47.4 N - 69	22 33.6 N - 69	22 19.9 N - 68	22 06.3 N - 67	21 52.9 N - 67	99 E
	22 38.5 N - 67	22 25.2 N - 66	22 12.1 N - 66	21 59.0 N - 65	21 46.1 N - 64	100 E
	22 29.3 64	22 16.5 64	22 03.9 63	21 51.3 62	21 38.9 62	101
	22 19.8 62	22 07.5 61	21 55.3 61	21 43.3 60	21 31.3 59	102
	22 09.8 59	21 58.1 59	21 46.4 58	21 34.9 57	21 23.5 57	103
	21 59.5 56	21 48.3 56	21 37.2 55	21 26.2 55	21 15.3 54	104
	21 48.9 N - 54	21 38.2 N - 53	21 27.6 N - 53	21 17.1 N - 52	21 06.8 N - 52	105 E
	21 37.9 51	21 27.8 51	21 17.7 50	21 07.8 50	20 57.9 49	106
	21 26.6 48	21 17.0 48	21 07.5 47	20 58.1 47	20 48.8 46	107
	21 15.0 46	21 06.0 45	20 57.0 45	20 48.1 44	20 39.3 44	108
	21 03.2 43	20 54.6 42	20 46.2 42	20 37.9 41	20 29.6 41	109
	20 51.0 N - 40	20 43.0 N - 40	20 35.2 N - 39	20 27.4 N - 39	20 19.7 N - 38	110 E
	20 38.6 37	20 31.2 37	20 23.9 36	20 16.6 36	20 09.5 36	111
	20 26.0 34	20 19.2 34	20 12.4 34	20 05.7 33	19 59.1 33	112
	20 13.2 32	20 07.0 31	20 00.8 31	19 54.6 31	19 48.6 30	113
	20 00.4 29	19 54.7 28	19 49.1 28	19 43.5 28	19 38.0 27	114
	19 47.6 N - 26	19 42.5 N - 25	19 37.4 N - 25	19 32.4 N - 25	19 27.4 N - 25	115 E
	19 34.9 23	19 30.4 23	19 25.9 22	19 21.5 22	19 17.0 22	116
	19 22.7 20	19 18.8 20	19 14.8 20	19 10.9 19	19 07.1 19	117
	19 11.3 17	19 07.9 17	19 04.5 17	19 01.2 17	18 57.9 17	118
	19 01.4 14	18 58.6 14	18 55.7 14	18 52.9 14	18 50.1 14	119
	18 54.2 N - 12	18 51.8 N - 12	18 49.5 N - 12	18 47.2 N - 12	18 44.8 N - 12	120 E
	18 52.2 11	18 50.1 11	18 47.9 11	18 45.8 11	18 43.7 10	120 30
	18 51.8 N - 10	18 49.9 N - 10	18 48.0 N - 10	18 46.1 N - 10	18 44.1 N - 10	121 E
	18 52.4 9	18 50.6 9	18 48.7 9	18 46.9 9	18 45.1 9	121 15
	18 53.7 9	18 51.9 9	18 50.1 9	18 48.3 9	18 46.6 9	121 30
	18 55.6 9	18 53.9 9	18 52.2 9	18 50.4 9	18 48.7 9	121 45
	18 58.4 N - 9	18 56.7 N - 8	18 55.0 N - 9	18 53.3 N - 9	18 51.6 N - 9	122 E
	19 02.2 9	19 00.5 9	18 58.8 9	18 57.1 9	18 55.4 8	122 15
	19 06.9 9	19 05.2 9	19 03.5 9	19 01.7 9	19 00.0 9	122 30
	19 12.8 9	19 11.0 9	19 09.2 9	19 07.4 9	19 05.6 9	122 45
	19 19.8 N - 10	19 17.9 N - 9	19 16.0 N - 9	19 14.2 N - 9	19 12.3 N - 9	123 E
	19 59.8 N - 14	19 57.2 N - 13	19 54.5 N - 13	19 51.9 N - 13	19 49.4 N - 13	124 E
	L	L	L	L	L	
19 45 N	L ₀ 123 40.7 E + 17	L ₀ 123 44.0 E + 17	L ₀ 123 47.4 E + 17	L ₀ 123 50.7 E + 17	L ₀ 123 54.1 E + 17	
20 N	124 00.2 E + 17	124 03.5 E + 17	124 06.9 E + 17	124 10.3 E + 17	124 13.7 E + 17	
20 15	124 17.8 17	124 21.2 17	124 24.7 18	124 28.2 18	124 31.8 18	
20 30	124 34.1 18	124 37.7 18	124 41.3 18	124 45.0 18	124 48.7 19	
20 45 N	124 49.5 E + 19	124 53.3 E + 19	124 57.1 E + 19	125 01.0 E + 19	125 04.9 E + 20	
	L ₀	L ₀	L ₀	L ₀	L ₀	
T	2000	2020	2040	2060	2080	T

T	2100	2120	2140	2160	2180	T
Lat	L Δ	L Δ	L Δ	L Δ	L Δ	Long
	21 45.6 N - 69 21 39.6 66	21 31.9 N - 68 21 26.4 66	21 18.3 N - 68 21 13.3 65	21 04.8 N - 67 21 00.3 65	20 51.4 N - 67 20 47.4 64	98 E 99
	21 33.2 N - 64 21 26.5 61 21 19.5 59 21 12.2 56 21 04.5 54	21 20.5 N - 63 21 14.3 61 21 07.8 58 21 01.0 56 20 53.8 53	21 07.9 N - 63 21 02.2 60 20 56.2 58 20 49.8 55 20 43.2 53	20 55.4 N - 62 20 50.2 60 20 44.7 57 20 38.8 55 20 32.6 52	20 43.0 N - 62 20 38.3 59 20 33.2 57 20 27.9 55 20 22.2 52	100 E 101 102 103 104
	20 56.5 N - 51 20 48.2 49 20 39.5 46 20 30.6 43 20 21.5 41	20 46.3 N - 51 20 38.5 48 20 30.4 46 20 22.0 43 20 13.4 40	20 36.2 N - 50 20 28.9 48 20 21.3 45 20 13.5 43 20 05.3 40	20 26.2 N - 50 20 19.4 47 20 12.3 45 20 05.0 42 19 57.4 40	20 16.2 N - 50 20 10.0 47 20 03.4 44 19 56.6 42 19 49.5 39	105 E 106 107 108 109
	20 12.0 N - 38 20 02.4 35 19 52.5 33 19 42.6 30 19 32.5 27	20 04.5 N - 38 19 55.3 35 19 46.0 32 19 36.6 30 19 27.1 27	19 57.0 N - 37 19 48.4 35 19 39.6 32 19 30.7 29 19 21.7 27	19 49.5 N - 37 19 41.5 34 19 33.2 32 19 24.9 29 19 16.4 26	19 42.2 N - 37 19 34.6 34 19 26.9 32 19 19.1 29 19 11.1 26	110 E 111 112 113 114
	19 22.5 N - 24 19 12.7 22 19 03.2 19 18 54.6 16 18 47.3 14	19 17.6 N - 24 19 08.3 22 18 59.4 19 18 51.3 16 18 44.6 14	19 12.8 N - 24 19 04.0 21 18 55.7 19 18 48.1 16 18 41.8 14	19 08.0 N - 24 18 59.8 21 18 51.9 19 18 44.8 16 18 39.1 14	19 03.3 N - 24 18 55.5 21 18 48.2 19 18 41.6 16 18 36.4 14	115 E 116 117 118 119
	18 42.5 N - 12 18 41.6 10	18 40.2 N - 11 18 39.6 10	18 38.0 N - 11 18 37.5 10	18 35.7 N - 11 18 35.4 10	18 33.4 N - 11 18 33.3 10	120 E 120 30
	18 42.2 N - 10 18 43.2 9 18 44.8 9 18 47.0 9	18 40.3 N - 10 18 41.4 9 18 43.0 9 18 45.3 9	18 38.4 N - 10 18 39.6 9 18 41.2 9 18 43.5 9	18 36.5 N - 10 18 37.7 9 18 39.5 9 18 41.8 9	18 34.6 N - 10 18 35.9 9 18 37.7 9 18 40.1 9	121 E 121 15 121 30 121 45
	18 49.9 N - 9 18 53.7 8 18 58.3 9 19 03.8 9	18 48.2 N - 9 18 52.0 9 18 56.5 9 19 02.1 9	18 46.5 N - 9 18 50.2 9 18 54.8 9 19 00.3 9	18 44.8 N - 9 18 48.5 8 18 53.1 9 18 58.5 9	18 43.1 N - 9 18 46.8 9 18 51.4 9 18 56.8 9	122 E 122 15 122 30 122 45
	19 10.4 N - 9 19 46.8 13 20 36.8 N - 18	19 08.6 N - 9 19 44.4 12 20 33.3 N - 17	19 06.7 N - 9 19 41.9 12 20 29.9 N - 17	19 04.9 N - 9 19 39.5 12 20 26.6 N - 17	19 03.0 N - 9 19 37.1 12 20 23.3 N - 16	123 E 124 125 E
	L	L	L	L	L	
20 15 N	L ₀	L ₀	L ₀	L ₀	L ₀	
20 30	124 35.4 E + 18	124 39.0 E + 18	124 42.7 E + 18	124 46.4 E + 19	124 50.1 E + 19	
20 45 N	124 52.5 19	124 56.3 19	125 00.1 19	125 04.0 19	125 07.9 20	
	125 08.8 E + 20	125 12.8 E + 20	125 16.8 E + 20	125 20.9 E + 20	125 25.0 E + 21	
	L ₀	L ₀	L ₀	L ₀	L ₀	
T	2100	2120	2140	2160	2180	T

T	2100		2120		2140		2160		2180		T
Lat ° ,	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	L ₀ ° ,	Δ	Long ° ,
21 N	125 24.6 E +	21	125 28.7 E +	21	125 33.0 E +	21	125 37.2 E +	21	125 41.5 E +	22	
21 15	125 39.9	22	125 44.3	22	125 48.7	22	125 53.2	23	125 57.7	23	
21 30	125 54.9	23	125 59.5	23	126 04.1	23	126 08.8	24	126 13.6	24	
21 45	126 09.6	24	126 14.4	24	126 19.3	25	126 24.3	25	126 29.3	25	
22 N	126 24.1 E +	25	126 29.2 E +	26	126 34.3 E +	26	126 39.5 E +	26	126 44.7 E +	26	
23	127 20.8	30	127 26.9	31	127 33.0	31	127 39.2	31	127 45.5	32	
24	128 16.6	35	128 23.7	36	128 30.9	36	128 38.2	37	128 45.5	37	
25 N	129 12.2 E +	41	129 20.4 E +	41	129 28.7 E +	42	129 37.1 E +	42	129 45.6 E +	43	
26	130 08.3	47	130 17.6	47	130 27.1	48	130 36.6	48	130 46.3	49	
27	131 05.0	52	131 15.6	53	131 26.2	54	131 37.0	54	131 47.9	55	
28	132 02.7	59	132 14.5	59	132 26.4	60	132 38.5	61	132 50.7	61	
29	133 01.6	65	133 14.6	66	133 27.9	67	133 41.3	67	133 54.8	68	
30 N	134 01.8 E +	72	134 16.2 E +	73	134 30.8 E +	73	134 45.5 E +	74	135 00.5 E +	75	
31	135 03.5	79	135 19.3	80	135 35.3	81	135 51.5	82	136 08.0	83	
32	136 06.8	86	136 24.1	87	136 41.6	88	136 59.4	89	137 17.4	91	
33	137 12.0	94	137 30.9	95	137 50.0	96	138 09.3	98	138 29.0	99	
34	138 19.3	102	138 39.7	103	139 00.5	105	139 21.5	106	139 42.9	108	
35 N	139 28.7 E +	110	139 50.9 E +	112	140 13.4 E +	113	140 36.3 E +	115	140 59.5 E +	117	
	L ₀		L ₀		L ₀		L ₀		L ₀		
T	2100		2120		2140		2160		2180		T

T	2200	2220	2240	2260	2280	T
Lat	L, Δ	L, Δ	L, Δ	L, Δ	L, Δ	Long
	20 38.1 N - 66 20 34.5 64	20 24.9 N - 66 20 21.8 63	20 11.8 N - 65 20 09.2 63	19 58.7 N - 65 19 56.6 63	19 45.8 N - 65 19 44.1 62	98 E 99
	20 30.6 N - 61 20 26.4 59 20 21.9 57 20 17.0 54 20 11.8 52	20 18.4 N - 61 20 14.6 59 20 10.6 56 20 06.2 54 20 01.5 51	20 06.2 N - 61 20 03.0 58 19 59.4 56 19 55.5 53 19 51.3 51	19 54.1 N - 60 19 51.3 58 19 48.3 55 19 44.9 53 19 41.2 51	19 42.1 N - 60 19 39.8 58 19 37.2 55 19 34.3 53 19 31.1 50	100 E 101 102 103 104
	20 06.4 N - 49 20 00.6 47 19 54.6 44 19 48.2 42 19 41.7 39	19 56.6 N - 49 19 51.3 46 19 45.8 44 19 40.0 41 19 33.9 39	19 46.9 N - 48 19 42.1 46 19 37.0 43 19 31.7 41 19 26.2 38	19 37.2 N - 48 19 32.9 46 19 28.4 43 19 23.6 41 19 18.5 38	19 27.6 N - 48 19 23.8 45 19 19.8 43 19 15.5 40 19 10.9 38	105 E 106 107 108 109
	19 34.8 N - 36 19 27.8 34 19 20.6 31 19 13.3 29 19 05.9 26	19 27.6 N - 36 19 21.1 34 19 14.4 31 19 07.6 28 19 00.7 26	19 20.4 N - 36 19 14.4 33 19 08.2 31 19 01.9 28 18 55.5 26	19 13.2 N - 36 19 07.7 33 19 02.1 31 18 56.3 28 18 50.4 26	19 06.1 N - 35 19 01.1 33 18 56.0 30 18 50.7 28 18 45.3 25	110 E 111 112 113 114
	18 58.5 N - 23 18 51.3 21 18 44.5 18 18 38.4 16 18 33.6 13	18 53.9 N - 23 18 47.2 21 18 40.9 18 18 35.3 16 18 31.0 13	18 49.2 N - 23 18 43.0 21 18 37.2 18 18 32.1 16 18 28.3 13	18 44.6 N - 23 18 38.9 21 18 33.6 18 18 29.0 16 18 25.6 13	18 40.0 N - 23 18 34.8 20 18 30.0 18 18 25.9 16 18 22.9 13	115 E 116 117 118 119
	18 31.1 N - 11 18 31.3 10	18 28.9 N - 11 18 29.2 10	18 26.6 N - 11 18 27.1 10	18 24.4 N - 11 18 25.1 10	18 22.1 N - 11 18 23.0 10	120 E 120 30
	18 32.7 N - 10 18 34.1 9 18 35.9 9 18 38.3 9	18 30.8 N - 9 18 32.2 9 18 34.1 9 18 36.6 9	18 28.9 N - 9 18 30.4 9 18 32.4 9 18 34.9 9	18 27.0 N - 9 18 28.6 9 18 30.6 9 18 33.1 9	18 25.1 N - 9 18 26.7 9 18 28.8 9 18 31.4 9	121 E 121 15 121 30 121 45
	18 41.4 N - 9 18 45.1 9 18 49.7 9 18 55.0 9	18 39.7 N - 9 18 43.4 9 18 47.9 9 18 53.3 9	18 38.0 N - 9 18 41.7 9 18 46.2 9 18 51.5 9	18 36.2 N - 9 18 40.0 9 18 44.5 9 18 49.7 9	18 34.5 N - 9 18 38.3 9 18 42.8 9 18 48.0 9	122 E 122 15 122 30 122 45
	19 01.2 N - 9 19 34.7 12	18 59.4 N - 9 19 32.4 12	18 57.6 N - 9 19 30.1 11	18 55.8 N - 9 19 27.8 11	18 54.0 N - 9 19 25.6 11	123 E 124
	20 20.1 N - 16 21 12.9 21 22 09.6 27 23 08.0 32 24 06.9 37	20 16.9 N - 16 21 08.7 21 22 04.3 26 23 01.7 31 23 59.5 36	20 13.8 N - 15 21 04.6 20 21 59.2 25 22 55.5 31 23 52.3 36	20 10.7 N - 15 21 00.6 20 21 54.2 25 22 49.5 30 23 45.3 35	20 07.7 N - 15 20 56.7 19 21 49.3 24 22 43.6 29 23 38.4 34	125 E 126 127 128 129
	25 05.6 N - 43 26 03.7 48 27 01.0 53 27 57.2 57 28 52.3 N - 62	24 57.2 N - 42 25 54.3 47 26 50.6 51 27 45.8 56 28 40.0 N - 60	24 49.0 N - 41 25 45.1 46 26 40.4 50 27 34.8 55 28 28.1 N - 59	24 40.9 N - 40 25 36.1 44 26 30.5 49 27 23.9 54 28 16.4 N - 58	24 33.1 N - 39 25 27.3 43 26 20.8 48 27 13.4 52 28 05.0 N - 57	130 E 131 132 133 134
	L	L	L	L	L	
T	2200	2220	2240	2260	2280	T

T	2200		2220		2240		2260		2280		T
Lat ° ,	Lo ° ,	△	Lo ° ,	△	Lo ° ,	△	Lo ° ,	△	Lo ° ,	△	Long ° ,
28 N	133 03.0 E +	62	133 15.6 E +	63	133 28.2 E +	64	133 41.1 E +	65	133 54.2 E +	66	
29	134 08.5	69	134 22.4	70	134 36.6	71	134 50.9	72	135 05.4	73	
30 N	135 15.7 E +	76	135 31.0 E +	77	135 46.6 E +	79	136 02.5 E +	80	136 18.6 E +	81	
31	136 24.6	84	136 41.6	85	136 58.7	87	137 16.2	88	137 33.9	89	
32	137 35.6	92	137 54.2	93	138 13.0	95	138 32.2	97	138 51.6	98	
33	138 48.9	101	139 09.2	102	139 29.8	104	139 50.7	106	140 12.0	108	
34 N	140 04.7 E +	110	140 26.8 E +	111	140 49.2 E +	113	141 12.1 E +	115	141 35.4 E +	118	
	Lo		Lo		Lo		Lo		Lo		
T	2200		2220		2240		2260		2280		T

T	2300		2320		2340		2360		2380		T
Lat °	L °	△	L °	△	L °	△	L °	△	L °	△	Long °
	19 33.8 N - 67		19 20.5 N - 66		19 07.2 N - 66		18 54.0 N - 66		18 40.9 N - 65		97 E
	19 32.9 64		19 20.0 64		19 07.3 64		18 54.5 63		18 41.9 63		98
	19 31.7 62		19 19.3 62		19 07.0 61		18 54.7 61		18 42.6 61		99
	19 30.1 N - 60		19 18.3 N - 59		19 06.4 N - 59		18 54.7 N - 59		18 42.9 N - 58		100 E
	19 28.3 57		19 16.9 57		19 05.6 57		18 54.3 56		18 43.0 56		101
	19 26.2 55		19 15.3 55		19 04.4 54		18 53.6 54		18 42.8 54		102
	19 23.8 52		19 13.3 52		19 02.9 52		18 52.6 52		18 42.3 51		103
	19 21.1 50		19 11.1 50		19 01.2 49		18 51.3 49		18 41.5 49		104
	19 18.1 N - 48		19 08.6 N - 47		18 59.1 N - 47		18 49.8 N - 47		18 40.4 N - 47		105 E
	19 14.8 45		19 05.8 45		18 56.8 45		18 47.9 44		18 39.1 44		106
	19 11.2 43		19 02.7 42		18 54.3 42		18 45.8 42		18 37.5 42		107
	19 07.4 40		18 59.4 40		18 51.4 40		18 43.5 40		18 35.6 39		108
	19 03.3 38		18 55.8 37		18 48.3 37		18 40.9 37		18 33.5 37		109
	18 59.0 N - 35		18 52.0 N - 35		18 45.0 N - 35		18 38.1 N - 35		18 31.2 N - 34		110 E
	18 54.6 33		18 48.0 33		18 41.6 32		18 35.1 32		18 28.7 32		111
	18 49.9 30		18 43.9 30		18 37.9 30		18 31.9 30		18 26.0 30		112
	18 45.1 28		18 39.6 28		18 34.1 27		18 28.6 27		18 23.2 27		113
	18 40.3 25		18 35.2 25		18 30.2 25		18 25.3 25		18 20.3 25		114
	18 35.4 N - 23		18 30.9 N - 23		18 26.4 N - 22		18 21.9 N - 22		18 17.4 N - 22		115 E
	18 30.8 20		18 26.7 20		18 22.7 20		18 18.7 20		18 14.7 20		116
	18 26.4 18		18 22.9 18		18 19.3 18		18 15.8 18		18 12.3 18		117
	18 22.8 15		18 19.7 15		18 16.6 15		18 13.5 15		18 10.5 15		118
	18 20.3 13		18 17.7 13		18 15.0 13		18 12.4 13		18 09.8 13		119
	18 19.9 N - 11		18 17.7 N - 11		18 15.5 N - 11		18 13.2 N - 11		18 11.0 N - 11		120 E
	18 21.0 10		18 18.9 10		18 16.9 10		18 14.8 10		18 12.8 10		120 30
	18 23.2 N - 9		18 21.3 N - 9		18 19.4 N - 9		18 17.5 N - 9		18 15.6 N - 9		121 E
	18 24.9 9		18 23.1 9		18 21.2 9		18 19.4 9		18 17.6 9		121 15
	18 27.0 9		18 25.2 9		18 23.5 9		18 21.7 9		18 19.9 9		121 30
	18 29.6 9		18 27.9 9		18 26.2 9		18 24.4 9		18 22.7 9		121 45
	18 32.8 N - 9		18 31.1 N - 9		18 29.4 N - 9		18 27.7 N - 9		18 26.0 N - 9		122 E
	18 36.6 9		18 34.9 9		18 33.2 9		18 31.5 9		18 29.8 9		122 15
	18 41.1 9		18 39.4 9		18 37.6 9		18 35.9 9		18 34.2 9		122 30
	18 46.3 9		18 44.5 9		18 42.8 9		18 41.0 9		18 39.3 9		122 45
	18 52.2 N - 9		18 50.4 N - 9		18 48.6 N - 9		18 46.8 N - 9		18 45.0 N - 9		123 E
	19 23.3 11		19 21.1 11		19 18.9 11		19 16.7 11		19 14.6 11		124
	20 04.8 N - 15		20 01.8 N - 14		19 59.0 N - 14		19 56.1 N - 14		19 53.3 N - 14		125 E
	20 52.8 19		20 49.1 19		20 45.4 18		20 41.7 18		20 38.1 18		126
	21 44.5 24		21 39.8 23		21 35.2 23		21 30.7 22		21 26.2 22		127
	22 37.8 29		22 32.2 28		22 26.6 27		22 21.2 27		22 15.9 26		128
	23 31.7 N - 33		23 25.1 N - 33		23 18.6 N - 32		23 12.3 N - 31		23 06.1 N - 31		129 E
	L		L		L		L		L		
T	2300		2320		2340		2360		2380		T

T	2300	2320	2340	2360	2380	T
Lat, °	L, ° Δ	L, ° Δ	L, ° Δ	L, ° Δ	L, ° Δ	Long, °
	24 25.4 N - 38	24 17.9 N - 37	24 10.6 N - 36	24 03.4 N - 36	23 56.3 N - 35	130 E
	25 18.7 43	25 10.3 42	25 02.1 41	24 54.0 40	24 46.1 39	131
	26 11.3 47	26 02.0 46	25 52.9 45	25 44.0 44	25 35.3 43	132
	27 03.0 51	26 52.9 50	26 43.0 49	26 33.3 48	26 23.7 47	133
	27 53.8 55	27 42.8 54	27 32.1 53	27 21.6 52	27 11.3 51	134
	28 43.5 N - 59	28 31.8 N - 58	28 20.3 N - 57	28 09.0 N - 56	27 58.0 N - 55	135 E
	29 32.2 63	29 19.7 62	29 07.5 61	28 55.5 59	28 43.7 58	136
	30 19.7 67	30 06.5 65	29 53.6 64	29 40.9 63	29 28.4 62	137
	31 06.2 70	30 52.3 69	30 38.7 67	30 25.3 66	30 12.2 65	138
	31 51.5 74	31 36.9 72	31 22.6 71	31 08.6 69	30 54.9 68	139
	32 35.7 N - 77	32 20.5 N - 75	32 05.6 N - 74	31 50.9 N - 73	31 36.5 N - 71	140 E
	33 18.7 N - 80	33 02.9 N - 78	32 47.4 N - 77	32 32.1 N - 75	32 17.2 N - 74	141 E
	L	L	L	L	L	
T	2300	2320	2340	2360	2380	T

T	2400		2420		2440		2460		2480		T
Lat °	L °	△	L °	△	L °	△	L °	△	L °	△	Long °
	18 27.9 N - 65		18 14.8 N - 65		18 01.9 N - 65		17 48.9 N - 65		17 36.1 N - 64		97 E
	18 29.3 63		18 16.7 63		18 04.2 62		17 51.8 62		17 39.3 62		98
	18 30.4 61		18 18.3 60		18 06.3 60		17 54.3 60		17 42.3 60		99
	18 31.3 N - 58		18 19.6 N - 58		18 08.1 N - 58		17 56.5 N - 58		17 45.0 N - 57		100 E
	18 31.8 56		18 20.7 56		18 09.5 55		17 58.5 55		17 47.4 55		101
	18 32.1 54		18 21.4 53		18 10.7 53		18 00.1 53		17 49.6 53		102
	18 32.0 51		18 21.8 51		18 11.7 51		18 01.5 51		17 51.4 50		103
	18 31.7 49		18 22.0 49		18 12.3 48		18 02.6 48		17 53.0 48		104
	18 31.1 N - 46		18 21.9 N - 46		18 12.7 N - 46		18 03.5 N - 46		17 54.3 N - 46		105 E
	18 30.3 44		18 21.5 44		18 12.8 44		18 04.1 43		17 55.4 43		106
	18 29.1 42		18 20.8 41		18 12.6 41		18 04.4 41		17 56.2 41		107
	18 27.8 39		18 20.0 39		18 12.2 39		18 04.4 39		17 56.7 38		108
	18 26.2 37		18 18.8 37		18 11.5 36		18 04.3 36		17 57.0 36		109
	18 24.3 N - 34		18 17.5 N - 34		18 10.7 N - 34		18 03.9 N - 34		17 57.1 N - 34		110 E
	18 22.3 32		18 15.9 32		18 09.6 32		18 03.3 31		17 57.0 31		111
	18 20.1 29		18 14.2 29		18 08.4 29		18 02.6 29		17 56.8 29		112
	18 17.8 27		18 12.4 27		18 07.0 27		18 01.7 27		17 56.4 27		113
	18 15.4 25		18 10.5 24		18 05.6 24		18 00.7 24		17 55.9 24		114
	18 13.0 N - 22		18 08.6 N - 22		18 04.2 N - 22		17 59.8 N - 22		17 55.4 N - 22		115 E
	18 10.7 20		18 06.8 20		18 02.9 20		17 58.9 20		17 55.0 19		116
	18 08.8 17		18 05.3 17		18 01.8 17		17 58.4 17		17 54.9 17		117
	18 07.5 15		18 04.4 15		18 01.4 15		17 58.4 15		17 55.4 15		118
	18 07.2 13		18 04.6 13		18 02.0 13		17 59.4 13		17 56.8 13		119
	18 08.8 N - 11		18 06.6 N - 11		18 04.4 N - 11		18 02.2 N - 11		18 00.0 N - 11		120 E
	18 10.7 10		18 08.7 10		18 06.6 10		18 04.6 10		18 02.6 10		120 30
	18 13.7 N - 9		18 11.8 N - 9		18 09.9 N - 9		18 08.0 N - 9		18 06.1 N - 9		121 E
	18 15.7 9		18 13.9 9		18 12.0 9		18 10.2 9		18 08.4 9		121 15
	18 18.1 9		18 16.3 9		18 14.5 9		18 12.7 9		18 11.0 9		121 30
	18 20.9 9		18 19.2 9		18 17.4 9		18 15.7 9		18 13.9 9		121 45
	18 24.2 N - 9		18 22.5 N - 9		18 20.8 N - 9		18 19.1 N - 9		18 17.3 N - 9		122 E
	18 28.1 9		18 26.4 9		18 24.7 9		18 23.0 9		18 21.2 9		122 15
	18 32.5 9		18 30.8 9		18 29.1 9		18 27.4 9		18 25.7 9		122 30
	18 37.5 9		18 35.8 9		18 34.1 9		18 32.3 9		18 30.6 9		122 45
	18 43.2 N - 9		18 41.5 N - 9		18 39.7 N - 9		18 37.9 N - 9		18 36.1 N - 9		123 E
	19 12.4 11		19 10.3 11		19 08.2 11		19 06.1 10		19 04.0 10		124
	19 50.6 N - 14		19 47.8 N - 14		19 45.1 N - 13		19 42.5 N - 13		19 39.9 N - 13		125 E
	20 34.6 18		20 31.1 17		20 27.7 17		20 24.3 17		20 21.0 16		126
	21 21.9 22		21 17.6 21		21 13.4 21		21 09.2 21		21 05.2 20		127
	22 10.7 26		22 05.6 25		22 00.5 25		21 55.6 24		21 50.8 24		128
	23 00.0 N - 30		22 54.1 N - 30		22 48.2 N - 29		22 42.5 N - 28		22 36.9 N - 28		129 E
	L		L		L		L		L		
T	2400		2420		2440		2460		2480		T

T	2500		2520		2540		2560		2580		T
Lat °	L °	△	L °	△	L °	△	L °	△	L °	△	Long °
	17 23.2 N - 64		17 10.4 N - 64		16 57.6 N - 64		16 44.9 N - 64		16 32.1 N - 64		97 E
	17 27.0	62	17 14.6	62	17 02.3	62	16 50.0	61	16 37.7	61	98
	17 30.4	60	17 18.5	59	17 06.6	59	16 54.8	59	16 43.0	59	99
	17 33.6 N - 57		17 22.1 N - 57		17 10.7 N - 57		16 59.4 N - 57		16 48.0 N - 57		100 E
	17 36.5	55	17 25.5	55	17 14.6	55	17 03.7	54	16 52.8	54	101
	17 39.1	53	17 28.6	52	17 18.1	52	17 07.7	52	16 57.2	52	102
	17 41.4	50	17 31.4	50	17 21.4	50	17 11.4	50	17 01.4	50	103
	17 43.4	48	17 33.9	48	17 24.4	48	17 14.9	47	17 05.4	47	104
	17 45.2 N - 45		17 36.1 N - 45		17 27.1 N - 45		17 18.1 N - 45		17 09.0 N - 45		105 E
	17 46.7	43	17 38.1	43	17 29.6	43	17 21.0	43	17 12.5	43	106
	17 48.0	41	17 39.9	41	17 31.8	40	17 23.7	40	17 15.6	40	107
	17 49.0	38	17 41.4	38	17 33.8	38	17 26.1	38	17 18.5	38	108
	17 49.8	36	17 42.7	36	17 35.5	36	17 28.4	36	17 21.2	36	109
	17 50.4 N - 34		17 43.7 N - 33		17 37.0 N - 33		17 30.4 N - 33		17 23.7 N - 33		110 E
	17 50.8	31	17 44.6	31	17 38.3	31	17 32.2	31	17 26.0	31	111
	17 51.0	29	17 45.2	29	17 39.5	29	17 33.8	29	17 28.1	28	112
	17 51.1	26	17 45.8	26	17 40.5	26	17 35.3	26	17 30.0	26	113
	17 51.1	24	17 46.3	24	17 41.5	24	17 36.7	24	17 31.9	24	114
	17 51.1 N - 22		17 46.7 N - 22		17 42.4 N - 22		17 38.1 N - 22		17 33.8 N - 22		115 E
	17 51.1	19	17 47.3	19	17 43.4	19	17 39.5	19	17 35.7	19	116
	17 51.5	17	17 48.1	17	17 44.7	17	17 41.2	17	17 37.8	17	117
	17 52.4	15	17 49.4	15	17 46.4	15	17 43.4	15	17 40.5	15	118
	17 54.2	13	17 51.7	13	17 49.1	13	17 46.5	13	17 44.0	13	119
	17 57.8 N - 11		17 55.6 N - 11		17 53.4 N - 11		17 51.2 N - 11		17 49.0 N - 11		120 E
	18 04.2	9	18 02.3	9	18 00.4	9	17 58.5	10	17 56.6	10	121
	18 09.2	9	18 07.4	9	18 05.6	9	18 03.8	9	18 02.0	9	121 30
	18 15.6 N - 9		18 13.9 N - 9		18 12.2 N - 9		18 10.4 N - 9		18 08.7 N - 9		122 E
	18 19.5	9	18 17.8	9	18 16.1	9	18 14.4	9	18 12.7	9	122 15
	18 23.9	9	18 22.2	9	18 20.5	9	18 18.8	9	18 17.1	9	122 30
	18 28.9	9	18 27.2	9	18 25.4	9	18 23.7	9	18 22.0	9	122 45
	18 34.4 N - 9		18 32.6 N - 9		18 30.9 N - 9		18 29.1 N - 9		18 27.3 N - 9		123 E
	19 01.9	10	18 59.9	10	18 57.8	10	18 55.8	10	18 53.8	10	124
	19 37.3 N - 13		19 34.7 N - 13		19 32.1 N - 13		19 29.6 N - 13		19 27.1 N - 12		125 E
	20 17.8	16	20 14.5	16	20 11.3	16	20 08.2	16	20 05.1	15	126
	21 01.2	20	20 57.2	20	20 53.3	19	20 49.5	19	20 45.7	19	127
	21 46.0	24	21 41.3	23	21 36.7	23	21 32.1	23	21 27.6	22	128
	22 31.3	28	22 25.9	27	22 20.5	27	22 15.2	26	22 10.0	26	129
	23 16.7 N - 31		23 10.5 N - 31		23 04.4 N - 30		22 58.4 N - 30		22 52.5 N - 29		130 E
	24 01.7	35	23 54.8	34	23 48.0	34	23 41.2	33	23 34.6	33	131
	24 46.3	39	24 38.6	38	24 31.1	37	24 23.7	37	24 16.4	36	132
	25 30.2	42	25 21.8	42	25 13.6	41	25 05.5	40	24 57.5	40	133
	26 13.4 N - 46		26 04.4 N - 45		25 55.4 N - 44		25 46.7 N - 44		25 38.0 N - 43		134 E
	L		L		L		L		L		
T	2500		2520		2540		2560		2580		T

T	2600		2620		2640		2660		2680		T
Lat °	L °	△	L °	△	L °	△	L °	△	L °	△	Long °
	16 19.4 N -	63	16 06.8 N -	63	15 54.1 N -	63	15 41.4 N -	63	15 28.8 N -	63	97 E
	16 25.5	61	16 13.2	61	16 01.0	61	15 48.8	61	15 36.7	61	98
	16 31.2	59	16 19.5	59	16 07.7	59	15 56.0	59	15 44.3	59	99
	16 36.7 N -	57	16 25.4 N -	56	16 14.1 N -	56	16 02.8 N -	56	15 51.6 N -	56	100 E
	16 41.9	54	16 31.1	54	16 20.3	54	16 09.4	54	15 58.7	54	101
	16 46.8	52	16 36.5	52	16 26.1	52	16 15.8	52	16 05.5	52	102
	16 51.5	50	16 41.6	49	16 31.7	49	16 21.8	49	16 12.0	49	103
	16 55.9	47	16 46.5	47	16 37.1	47	16 27.7	47	16 18.3	47	104
	17 00.1 N -	45	16 51.1 N -	45	16 42.1 N -	45	16 33.2 N -	45	16 24.3 N -	45	105 E
	17 03.9	43	16 55.4	42	16 47.0	42	16 38.5	42	16 30.0	42	106
	17 07.6	40	16 59.5	40	16 51.5	40	16 43.5	40	16 35.6	40	107
	17 11.0	38	17 03.4	38	16 55.9	38	16 48.3	38	16 40.8	38	108
	17 14.1	35	17 07.0	35	17 00.0	35	16 52.9	35	16 45.9	35	109
	17 17.1 N -	33	17 10.5 N -	33	17 03.9 N -	33	16 57.3 N -	33	16 50.7 N -	33	110 E
	17 19.8	31	17 13.7	31	17 07.5	31	17 01.4	31	16 55.3	31	111
	17 22.4	28	17 16.7	28	17 11.1	28	17 05.4	28	16 59.8	28	112
	17 24.8	26	17 19.6	26	17 14.4	26	17 09.2	26	17 04.1	26	113
	17 27.2	24	17 22.4	24	17 17.7	24	17 13.0	24	17 08.2	24	114
	17 29.5 N -	21	17 25.2 N -	21	17 20.9 N -	21	17 16.6 N -	21	17 12.4 N -	21	115 E
	17 31.8	19	17 28.0	19	17 24.2	19	17 20.4	19	17 16.6	19	116
	17 34.4	17	17 31.1	17	17 27.7	17	17 24.3	17	17 20.9	17	117
	17 37.5	15	17 34.5	15	17 31.6	15	17 28.6	15	17 25.7	15	118
	17 41.4	13	17 38.8	13	17 36.3	13	17 33.7	13	17 31.2	13	119
	17 46.8 N -	11	17 44.6 N -	11	17 42.4 N -	11	17 40.2 N -	11	17 38.0 N -	11	120 E
	17 54.7	10	17 52.8	10	17 50.9	10	17 49.0	10	17 47.1	10	121
	18 07.0 N -	9	18 05.3 N -	9	18 03.5 N -	9	18 01.8 N -	9	18 00.0 N -	9	122 E
	18 11.0	9	18 09.2	9	18 07.5	9	18 05.8	9	18 04.1	9	122 15
	18 15.4	9	18 13.7	9	18 11.9	9	18 10.2	9	18 08.5	9	122 30
	18 20.2	9	18 18.5	9	18 16.8	9	18 15.1	9	18 13.3	9	122 45
	18 25.6 N -	9	18 23.8 N -	9	18 22.1 N -	9	18 20.3 N -	9	18 18.6 N -	9	123 E
	18 51.8	10	18 49.8	10	18 47.8	10	18 45.8	10	18 43.8	10	124
	19 24.6 N -	12	19 22.2 N -	12	19 19.7 N -	12	19 17.3 N -	12	19 14.9 N -	12	125 E
	20 02.0	15	19 59.0	15	19 56.0	15	19 53.0	15	19 50.1	15	126
	20 42.0	19	20 38.3	18	20 34.7	18	20 31.1	18	20 27.6	18	127
	21 23.2	22	21 18.9	22	21 14.6	21	21 10.3	21	21 06.1	21	128
	22 04.9	25	21 59.9	25	21 54.9	25	21 50.0	24	21 45.2	24	129
	22 46.6 N -	29	22 40.9 N -	28	22 35.3 N -	28	22 29.7 N -	28	22 24.2 N -	27	130 E
	23 28.1	32	23 21.7	32	23 15.4	31	23 09.2	31	23 03.0	30	131
	24 09.2	36	24 02.1	35	23 55.1	35	23 48.2	34	23 41.4	34	132
	24 49.6	39	24 41.9	38	24 34.3	38	24 26.8	37	24 19.3	37	133
	25 29.5 N -	42	25 21.1 N -	42	25 12.8 N -	41	25 04.7 N -	40	24 56.7 N -	40	134 E
	L		L		L		L		L		
T	2600		2620		2640		2660		2680		T

T	2600		2620		2640		2660		2680		T
Lat ° ,	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	Long ° ,
	26 08.7 N -	45	25 59.6 N -	45	25 50.8 N -	44	25 42.0 N -	44	25 33.4 N -	43	135 E
	26 47.1	49	26 37.5	48	26 28.0	47	26 18.6	46	26 09.4	46	136
	27 24.8	51	27 14.5	51	27 04.5	50	26 54.5	49	26 44.7	49	137
	28 01.7	54	27 50.9	54	27 40.2	53	27 29.7	52	27 19.3	52	138
	28 37.8	57	28 26.4	56	28 15.2	56	28 04.1	55	27 53.2	54	139
	29 13.1 N -	60	29 01.2 N -	59	28 49.4 N -	58	28 37.8 N -	58	28 26.4 N -	57	140 E
	29 47.6	63	29 35.2	62	29 22.9	61	29 10.8	60	28 58.8	59	141
	30 21.3	65	30 08.4	64	29 55.6	64	29 42.9	63	29 30.5	62	142
	30 54.2	68	30 40.8	67	30 27.5	66	30 14.4	65	30 01.4	64	143
	31 26.3	70	31 12.4	69	30 58.6	68	30 45.0	68	30 31.6	67	144
	31 57.6 N -	73	31 43.2 N -	72	31 29.0 N -	71	31 14.9 N -	70	31 01.0 N -	69	145 E
	L		L		L		L		L		
T	2600		2620		2640		2660		2680		T

T	2700		2720		2740		2760		2780		T
Lat,	L,	△	L,	△	L,	△	L,	△	L,	△	Long,
	15 16.2 N - 63		15 03.6 N - 63		14 50.9 N - 63		14 38.3 N - 63		14 25.7 N - 63		97 E
	15 24.5 61		15 12.3 61		15 00.2 61		14 48.0 61		14 35.9 61		98
	15 32.6 59		15 20.9 58		15 09.2 58		14 57.5 58		14 45.8 58		99
	15 40.3 N - 56		15 29.1 N - 56		15 17.9 N - 56		15 06.6 N - 56		14 55.4 N - 56		100 E
	15 47.9 54		15 37.1 54		15 26.3 54		15 15.6 54		15 04.8 54		101
	15 55.1 52		15 44.8 52		15 34.5 51		15 24.2 51		15 13.9 51		102
	16 02.1 49		15 52.3 49		15 42.5 49		15 32.6 49		15 22.8 49		103
	16 08.9 47		15 59.5 47		15 50.1 47		15 40.8 47		15 31.4 47		104
	16 15.4 N - 45		16 06.5 N - 45		15 57.6 N - 44		15 48.7 N - 44		15 39.8 N - 44		105 E
	16 21.6 42		16 13.2 42		16 04.7 42		15 56.3 42		15 47.9 42		106
	16 27.6 40		16 19.6 40		16 11.7 40		16 03.7 40		15 55.7 40		107
	16 33.3 38		16 25.8 37		16 18.3 37		16 10.9 37		16 03.4 37		108
	16 38.8 35		16 31.8 35		16 24.8 35		16 17.8 35		16 10.8 35		109
	16 44.1 N - 33		16 37.6 N - 33		16 31.0 N - 33		16 24.5 N - 33		16 17.9 N - 33		110 E
	16 49.2 30		16 43.1 30		16 37.0 30		16 31.0 30		16 24.9 30		111
	16 54.1 28		16 48.5 28		16 42.9 28		16 37.3 28		16 31.7 28		112
	16 58.9 26		16 53.7 26		16 48.6 26		16 43.4 26		16 38.3 26		113
	17 03.5 24		16 58.8 24		16 54.1 24		16 49.4 23		16 44.7 23		114
	17 08.1 N - 21		17 03.9 N - 21		16 59.6 N - 21		16 55.4 N - 21		16 51.1 N - 21		115 E
	17 12.8 19		17 08.9 19		17 05.1 19		17 01.3 19		16 57.6 19		116
	17 17.5 17		17 14.2 17		17 10.8 17		17 07.4 17		17 04.1 17		117
	17 22.7 15		17 19.8 15		17 16.8 15		17 13.9 15		17 10.9 15		118
	17 28.6 13		17 26.1 13		17 23.5 13		17 21.0 13		17 18.4 13		119
	17 35.8 N - 11		17 33.6 N - 11		17 31.4 N - 11		17 29.2 N - 11		17 27.0 N - 11		120 E
	17 45.2 10		17 43.3 10		17 41.4 10		17 39.5 10		17 37.5 10		121
	17 58.3 9		17 56.6 9		17 54.8 9		17 53.1 9		17 51.3 9		122
	18 06.8 9		18 05.1 9		18 03.4 9		18 01.7 9		18 00.0 9		122 30
	18 16.9 N - 9		18 15.1 N - 9		18 13.4 N - 9		18 11.6 N - 9		18 09.9 N - 9		123 E
	18 41.9 10		18 39.9 10		18 38.0 10		18 36.0 10		18 34.1 10		124
	19 12.6 N - 12		19 10.2 N - 12		19 07.9 N - 12		19 05.6 N - 12		19 03.3 N - 11		125 E
	19 47.2 14		19 44.3 14		19 41.5 14		19 38.7 14		19 35.9 14		126
	20 24.1 17		20 20.6 17		20 17.2 17		20 13.8 17		20 10.5 17		127
	21 02.0 21		20 57.9 20		20 53.9 20		20 49.9 20		20 46.0 20		128
	21 40.4 24		21 35.7 23		21 31.0 23		21 26.5 23		21 21.9 23		129
	22 18.8 N - 27		22 13.5 N - 27		22 08.2 N - 26		22 03.0 N - 26		21 57.8 N - 26		130 E
	22 57.0 30		22 51.0 30		22 45.1 29		22 39.3 29		22 33.5 29		131
	23 34.8 33		23 28.2 33		23 21.6 32		23 15.2 32		23 08.9 32		132
	24 12.0 36		24 04.8 36		23 57.7 35		23 50.7 35		23 43.7 35		133
	24 48.7 39		24 40.9 39		24 33.2 38		24 25.6 38		24 18.1 37		134
	25 24.8 N - 42		25 16.4 N - 42		25 08.1 N - 41		24 59.9 N - 41		24 51.8 N - 40		135 E
	26 00.3 45		25 51.3 45		25 42.4 44		25 33.7 44		25 25.0 43		136
	26 35.0 48		26 25.5 47		26 16.1 47		26 06.7 46		25 57.5 46		137
	27 09.1 51		26 59.0 50		26 49.0 50		26 39.2 49		26 29.4 48		138
	27 42.5 N - 54		27 31.8 N - 53		27 21.3 N - 52		27 10.9 N - 52		27 00.6 N - 51		139 E
	L		L		L		L		L		
T	2700		2720		2740		2760		2780		T

T	2800		2820		2840		2860		2880		T
Lat	L	△	L	△	L	△	L	△	L	△	Long
	14 13.1 N - 63		14 00.5 N - 63		13 47.9 N - 63		13 35.2 N - 63		13 22.6 N - 63		97 E
	14 23.7 61		14 11.6 61		13 59.4 61		13 47.2 61		13 35.0 61		98
	14 34.1 58		14 22.4 58		14 10.7 59		13 59.0 59		13 47.3 59		99
	14 44.2 N - 56		14 33.0 N - 56		14 21.7 N - 56		14 10.5 N - 56		13 59.2 N - 56		100 E
	14 54.0 54		14 43.3 54		14 32.5 54		14 21.7 54		14 11.0 54		101
	15 03.6 51		14 53.3 51		14 43.0 52		14 32.7 52		14 22.4 52		102
	15 13.0 49		15 03.2 49		14 53.3 49		14 43.5 49		14 33.7 49		103
	15 22.1 47		15 12.7 47		15 03.3 47		14 54.0 47		14 44.6 47		104
	15 30.9 N - 44		15 22.0 N - 44		15 13.1 N - 44		15 04.2 N - 44		14 55.3 N - 45		105 E
	15 39.5 42		15 31.1 42		15 22.6 42		15 14.2 42		15 05.8 42		106
	15 47.8 40		15 39.9 40		15 31.9 40		15 24.0 40		15 16.0 40		107
	15 55.9 37		15 48.4 37		15 40.9 37		15 33.5 37		15 26.0 37		108
	16 03.7 35		15 56.7 35		15 49.7 35		15 42.7 35		15 35.7 35		109
	16 11.4 N - 33		16 04.8 N - 33		15 58.3 N - 33		15 51.8 N - 33		15 45.2 N - 33		110 E
	16 18.8 30		16 12.7 30		16 06.7 30		16 00.6 30		15 54.5 30		111
	16 26.0 28		16 20.4 28		16 14.8 28		16 09.2 28		16 03.6 28		112
	16 33.1 26		16 28.0 26		16 22.8 26		16 17.7 26		16 12.5 26		113
	16 40.0 23		16 35.3 23		16 30.7 23		16 26.0 23		16 21.3 23		114
	16 46.9 N - 21		16 42.7 N - 21		16 38.4 N - 21		16 34.2 N - 21		16 29.9 N - 21		115 E
	16 53.8 19		16 50.0 19		16 46.2 19		16 42.4 19		16 38.6 19		116
	17 00.7 17		16 57.4 17		16 54.0 17		16 50.6 17		16 47.3 17		117
	17 08.0 15		17 05.0 15		17 02.1 15		16 59.2 15		16 56.2 15		118
	17 15.9 13		17 13.3 13		17 10.7 13		17 08.2 13		17 05.6 13		119
	17 24.8 N - 11		17 22.6 N - 11		17 20.4 N - 11		17 18.2 N - 11		17 16.0 N - 11		120 E
	17 35.6 10		17 33.7 10		17 31.8 10		17 29.9 10		17 27.9 10		121
	17 49.6 9		17 47.9 9		17 46.1 9		17 44.4 9		17 42.6 9		122
	18 08.2 9		18 06.4 9		18 04.7 9		18 03.0 9		18 01.2 9		123
	18 32.2 10		18 30.2 10		18 28.3 10		18 26.4 10		18 24.5 9		124
	19 01.0 N - 11		18 58.7 N - 11		18 56.5 N - 11		18 54.2 N - 11		18 52.0 N - 11		125 E
	19 33.1 14		19 30.4 14		19 27.7 14		19 25.0 13		19 22.3 13		126
	20 07.2 16		20 03.9 16		20 00.6 16		19 57.4 16		19 54.2 16		127
	20 42.1 19		20 38.3 19		20 34.5 19		20 30.7 19		20 27.0 19		128
	21 17.4 22		21 13.0 22		21 08.6 22		21 04.3 22		21 00.0 21		129
	21 52.8 N - 25		21 47.7 N - 25		21 42.8 N - 25		21 37.9 N - 24		21 33.0 N - 24		130 E
	22 27.9 28		22 22.2 28		22 16.7 28		22 11.2 27		22 05.8 27		131
	23 02.6 31		22 56.4 31		22 50.3 30		22 44.2 30		22 38.2 30		132
	23 36.9 34		23 30.1 34		23 23.4 33		23 16.8 33		23 10.2 33		133
	24 10.6 37		24 03.3 37		23 56.0 36		23 48.9 36		23 41.8 35		134
	24 43.8 N - 40		24 35.9 N - 39		24 28.1 N - 39		24 20.4 N - 38		24 12.7 N - 38		135 E
	25 16.4 43		25 08.0 42		24 59.6 42		24 51.4 41		24 43.2 41		136
	25 48.4 45		25 39.4 45		25 30.5 44		25 21.7 44		25 13.0 43		137
	26 19.8 48		26 10.3 47		26 00.8 47		25 51.5 46		25 42.3 46		138
	26 50.5 N - 50		26 40.5 N - 50		26 30.5 N - 49		26 20.7 N - 49		26 11.0 N - 48		139 E
	L		L		L		L		L		
T	2800		2820		2840		2860		2880		T

T	2800		2820		2840		2860		2880		T
Lat ° ,	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	Long ° ,
	27 20.6 N -	53	27 10.0 N -	52	26 59.6 N -	52	26 49.3 N -	51	26 39.0 N -	51	140 E
	27 49.9	55	27 38.9	55	27 28.0	54	27 17.2	54	27 06.5	53	141
	28 18.7	58	28 07.2	57	27 55.8	57	27 44.5	56	27 33.3	56	142
	28 46.7	60	28 34.8	60	28 22.9	59	28 11.2	58	27 59.5	58	143
	29 14.1	63	29 01.7	62	28 49.4	61	28 37.2	61	28 25.1	60	144
	29 40.8 N -	65	29 28.0 N -	64	29 15.2 N -	64	29 02.6 N -	63	28 50.0 N -	62	145 E
	L		L		L		L		L		
T	2800		2820		2840		2860		2880		T

T	2900		2920		2940		2960		2980		T
Lat °	L °	Δ	L °	Δ	L °	Δ	L °	Δ	L °	Δ	Long °
	13 09.9 N -	63	12 57.2 N -	63	12 44.5 N -	64	12 31.8 N -	64	12 19.1 N -	64	97 E
	13 22.9	61	13 10.6	61	12 58.4	61	12 46.2	61	12 33.9	61	98
	13 35.5	59	13 23.8	59	13 12.0	59	13 00.3	59	12 48.5	59	99
	13 48.0 N -	56	13 36.7 N -	56	13 25.4 N -	56	13 14.1 N -	57	13 02.8 N -	57	100 E
	14 00.2	54	13 49.4	54	13 38.6	54	13 27.7	54	13 16.9	54	101
	14 12.1	52	14 01.8	52	13 51.4	52	13 41.1	52	13 30.7	52	102
	14 23.8	49	14 13.9	49	14 04.1	49	13 54.2	49	13 44.3	50	103
	14 35.2	47	14 25.9	47	14 16.5	47	14 07.0	47	13 57.6	47	104
	14 46.4 N -	45	14 37.5 N -	45	14 28.6 N -	45	14 19.7 N -	45	14 10.7 N -	45	105 E
	14 57.4	42	14 48.9	42	14 40.5	42	14 32.0	42	14 23.5	42	106
	15 08.0	40	15 00.1	40	14 52.1	40	14 44.1	40	14 36.1	40	107
	15 18.5	37	15 11.0	37	15 03.5	38	14 56.0	38	14 48.5	38	108
	15 28.7	35	15 21.7	35	15 14.6	35	15 07.6	35	15 00.6	35	109
	15 38.7 N -	33	15 32.1 N -	33	15 25.6 N -	33	15 19.0 N -	33	15 12.4 N -	33	110 E
	15 48.4	30	15 42.4	30	15 36.3	30	15 30.2	30	15 24.1	31	111
	15 58.0	28	15 52.4	28	15 46.8	28	15 41.1	28	15 35.5	28	112
	16 07.4	26	16 02.2	26	15 57.1	26	15 51.9	26	15 46.7	26	113
	16 16.6	23	16 11.9	23	16 07.2	24	16 02.5	24	15 57.8	24	114
	16 25.7 N -	21	16 21.5 N -	21	16 17.2 N -	21	16 13.0 N -	21	16 08.7 N -	21	115 E
	16 34.8	19	16 31.0	19	16 27.2	19	16 23.4	19	16 19.6	19	116
	16 43.9	17	16 40.5	17	16 37.2	17	16 33.8	17	16 30.4	17	117
	16 53.3	15	16 50.3	15	16 47.3	15	16 44.4	15	16 41.4	15	118
	17 03.1	13	17 00.5	13	16 57.9	13	16 55.4	13	16 52.8	13	119
	17 13.8 N -	11	17 11.5 N -	11	17 09.3 N -	11	17 07.1 N -	11	17 04.9 N -	11	120 E
	17 26.0	10	17 24.1	10	17 22.1	10	17 20.2	10	17 18.3	10	121
	17 40.8	9	17 39.1	9	17 37.3	9	17 35.6	9	17 33.8	9	122
	17 59.5	9	17 57.8	9	17 56.0	9	17 54.3	9	17 52.6	9	123
	18 22.6	9	18 20.8	9	18 18.9	9	18 17.0	9	18 15.1	9	124
	18 49.8 N -	11	18 47.6 N -	11	18 45.4 N -	11	18 43.2 N -	11	18 41.0 N -	11	125 E
	19 19.6	13	19 17.0	13	19 14.4	13	19 11.8	13	19 09.2	13	126
	19 51.1	16	19 48.0	16	19 44.9	15	19 41.8	15	19 38.8	15	127
	20 23.3	18	20 19.7	18	20 16.0	18	20 12.5	18	20 08.9	18	128
	20 55.8	21	20 51.6	21	20 47.4	21	20 43.3	20	20 39.2	20	129
	21 28.2 N -	24	21 23.5 N -	24	21 18.8 N -	23	21 14.1 N -	23	21 09.5 N -	23	130 E
	22 00.4	27	21 55.1	26	21 49.9	26	21 44.7	26	21 39.5	26	131
	22 32.3	29	22 26.5	29	22 20.7	29	22 14.9	29	22 09.2	28	132
	23 03.8	32	22 57.4	32	22 51.0	32	22 44.7	31	22 38.5	31	133
	23 34.7	35	23 27.8	35	23 20.9	34	23 14.1	34	23 07.4	34	134
	24 05.2 N -	38	23 57.7 N -	37	23 50.3 N -	37	23 43.0 N -	36	23 35.7 N -	36	135 E
	24 35.1	40	24 27.1	40	24 19.2	39	24 11.3	39	24 03.5	39	136
	25 04.4	43	24 55.9	42	24 47.5	42	24 39.1	42	24 30.8	41	137
	25 33.2	45	25 24.2	45	25 15.2	45	25 06.4	44	24 57.6	44	138
	26 01.4 N -	48	25 51.8 N -	47	25 42.4 N -	47	25 33.1 N -	47	25 23.8 N -	46	139 E
	L		L		L		L		L		
T	2900		2920		2940		2960		2980		T

T	3000		3020		3040		3060		3080		T
Lat	L	Δ	L	Δ	L	Δ	L	Δ	L	Δ	Long
	12 06.3 N - 64		11 53.5 N - 64		11 40.7 N - 64		11 27.9 N - 64		11 15.0 N - 65		97 E
	12 21.6 62		12 09.3 62		11 56.9 62		11 44.6 62		11 32.1 62		98
	12 36.6 59		12 24.8 59		12 12.9 59		12 01.0 60		11 49.1 60		99
	12 51.4 N - 57		12 40.1 N - 57		12 28.7 N - 57		12 17.3 N - 57		12 05.8 N - 57		100 E
	13 06.0 54		12 55.1 55		12 44.2 55		12 33.2 55		12 22.3 55		101
	13 20.3 52		13 09.9 52		12 59.5 52		12 49.0 52		12 38.5 53		102
	13 34.4 50		13 24.4 50		13 14.5 50		13 04.5 50		12 54.5 50		103
	13 48.2 47		13 38.7 47		13 29.2 47		13 19.7 48		13 10.2 48		104
	14 01.7 N - 45		13 52.8 N - 45		13 43.8 N - 45		13 34.7 N - 45		13 25.7 N - 45		105 E
	14 15.1 42		14 06.6 43		13 58.0 43		13 49.5 43		13 40.9 43		106
	14 28.1 40		14 20.1 40		14 12.1 40		14 04.0 40		13 55.9 40		107
	14 40.9 38		14 33.4 38		14 25.8 38		14 18.3 38		14 10.7 38		108
	14 53.5 35		14 46.4 35		14 39.4 35		14 32.3 36		14 25.2 36		109
	15 05.8 N - 33		14 59.3 N - 33		14 52.6 N - 33		14 46.0 N - 33		14 39.4 N - 33		110 E
	15 18.0 31		15 11.8 31		15 05.7 31		14 59.6 31		14 53.4 31		111
	15 29.8 28		15 24.2 28		15 18.5 28		15 12.9 28		15 07.2 28		112
	15 41.5 26		15 36.4 26		15 31.2 26		15 26.0 26		15 20.8 26		113
	15 53.1 24		15 48.3 24		15 43.6 24		15 38.9 24		15 34.1 24		114
	16 04.4 N - 21		16 00.2 N - 21		15 55.9 N - 21		15 51.6 N - 21		15 47.3 N - 21		115 E
	16 15.7 19		16 11.9 19		16 08.1 19		16 04.3 19		16 00.4 19		116
	16 27.0 17		16 23.6 17		16 20.3 17		16 16.9 17		16 13.4 17		117
	16 38.5 15		16 35.5 15		16 32.5 15		16 29.5 15		16 26.5 15		118
	16 50.2 13		16 47.6 13		16 45.0 13		16 42.4 13		16 39.8 13		119
	17 02.6 N - 11		17 00.4 N - 11		16 58.2 N - 11		16 55.9 N - 11		16 53.7 N - 11		120 E
	17 16.3 10		17 14.4 10		17 12.4 10		17 10.5 10		17 08.5 10		121
	17 32.1 9		17 30.3 9		17 28.5 9		17 26.8 9		17 25.0 9		122
	17 50.9 9		17 49.1 9		17 47.4 9		17 45.7 9		17 44.0 9		123
	18 13.3 9		18 11.4 9		18 09.6 9		18 07.7 9		18 05.9 9		124
	18 38.9 N - 11		18 36.7 N - 11		18 34.6 N - 11		18 32.5 N - 11		18 30.4 N - 11		125 E
	19 06.7 13		19 04.2 13		19 01.6 13		18 59.1 12		18 56.6 12		126
	19 35.8 15		19 32.8 15		19 29.8 15		19 26.8 15		19 23.9 15		127
	20 05.4 18		20 01.9 17		19 58.5 17		19 55.0 17		19 51.6 17		128
	20 35.2 20		20 31.2 20		20 27.2 20		20 23.3 20		20 19.4 19		129
	21 04.9 N - 23		21 00.4 N - 23		20 55.9 N - 22		20 51.5 N - 22		20 47.1 N - 22		130 E
	21 34.4 25		21 29.4 25		21 24.4 25		21 19.4 25		21 14.5 24		131
	22 03.6 28		21 58.0 28		21 52.5 28		21 47.0 27		21 41.6 27		132
	22 32.4 31		22 26.3 30		22 20.2 30		22 14.2 30		22 08.3 30		133
	23 00.7 33		22 54.1 33		22 47.5 33		22 41.0 32		22 34.6 32		134
	23 28.5 N - 36		23 21.4 N - 35		23 14.3 N - 35		23 07.3 N - 35		23 00.4 N - 35		135 E
	23 55.8 38		23 48.2 38		23 40.6 38		23 33.1 37		23 25.7 37		136
	24 22.6 41		24 14.5 40		24 06.4 40		23 58.5 40		23 50.5 39		137
	24 48.9 43		24 40.3 43		24 31.7 43		24 23.3 42		24 14.9 42		138
	25 14.6 N - 46		25 05.5 N - 45		24 56.5 N - 45		24 47.5 N - 45		24 38.7 N - 44		139 E
	L		L		L		L		L		
T	3000		3020		3040		3060		3080		T

T	3000	3020	3040	3060	3080	T
Lat °	L ° Δ	L ° Δ	L ° Δ	L ° Δ	L ° Δ	Long °
	25 39.8 N - 48	25 30.2 N - 48	25 20.7 N - 47	25 11.3 N - 47	25 02.0 N - 47	140 E
	26 04.4 50	25 54.3 50	25 44.4 50	25 34.5 49	25 24.7 49	141
	26 28.4 53	26 17.9 52	26 07.5 52	25 57.2 51	25 47.0 51	142
	26 51.9 55	26 41.0 54	26 30.1 54	26 19.4 54	26 08.7 53	143
	27 14.8 57	27 03.4 57	26 52.2 56	26 41.0 56	26 29.8 55	144
	27 37.2 N - 59	27 25.4 N - 59	27 13.6 N - 58	27 02.0 N - 58	26 50.5 N - 58	145 E
	27 58.9 61	27 46.7 61	27 34.6 60	27 22.5 60	27 10.6 60	146
	28 20.1 N - 63	28 07.5 N - 63	27 55.0 N - 63	27 42.5 N - 62	27 30.1 N - 62	147 E
	L	L	L	L	L	
T	3000	3020	3040	3060	3080	T

T	3100		3120		3140		3160		3180		T
Lat °	L °	△	L °	△	L °	△	L °	△	L °	△	Long °
	11 19.7 N - 62		11 07.2 N - 63		10 54.7 N - 63		10 42.1 N - 63		10 29.5 N - 63		98 E
	11 37.1 60		11 25.1 60		11 13.1 60		11 01.0 61		10 48.9 61		99
	11 54.3 N - 58		11 42.8 N - 58		11 31.2 N - 58		11 19.6 N - 58		11 08.0 N - 58		100 E
	12 11.3 55		12 00.2 55		11 49.2 55		11 38.1 56		11 26.9 56		101
	12 28.0 53		12 17.4 53		12 06.8 53		11 56.2 53		11 45.6 53		102
	12 44.4 50		12 34.4 50		12 24.3 51		12 14.2 51		12 04.0 51		103
	13 00.7 48		12 51.1 48		12 41.5 48		12 31.8 48		12 22.2 48		104
	13 16.6 N - 45		13 07.5 N - 46		12 58.4 N - 46		12 49.3 N - 46		12 40.1 N - 46		105 E
	13 32.4 43		13 23.8 43		13 15.1 43		13 06.5 43		12 57.8 44		106
	13 47.8 41		13 39.7 41		13 31.6 41		13 23.4 41		13 15.2 41		107
	14 03.0 38		13 55.4 38		13 47.8 38		13 40.1 38		13 32.4 39		108
	14 18.0 36		14 10.9 36		14 03.7 36		13 56.5 36		13 49.3 36		109
	14 32.7 N - 33		14 26.1 N - 33		14 19.4 N - 33		14 12.7 N - 34		14 06.0 N - 34		110 E
	14 47.2 31		14 41.0 31		14 34.8 31		14 28.6 31		14 22.4 31		111
	15 01.5 29		14 55.8 29		14 50.1 29		14 44.3 29		14 38.6 29		112
	15 15.5 26		15 10.3 26		15 05.0 26		14 59.8 26		14 54.5 26		113
	15 29.4 24		15 24.6 24		15 19.8 24		15 15.0 24		15 10.2 24		114
	15 43.0 N - 22		15 38.7 N - 22		15 34.4 N - 22		15 30.1 N - 22		15 25.7 N - 22		115 E
	15 56.6 19		15 52.7 19		15 48.8 19		15 45.0 19		15 41.1 19		116
	16 10.0 17		16 06.6 17		16 03.2 17		15 59.7 17		15 56.3 17		117
	16 23.5 15		16 20.5 15		16 17.5 15		16 14.5 15		16 11.5 15		118
	16 37.2 13		16 34.6 13		16 32.0 13		16 29.4 13		16 26.8 13		119
	16 51.4 N - 11		16 49.2 N - 11		16 46.9 N - 11		16 44.7 N - 11		16 42.4 N - 11		120 F
	17 06.5 10		17 04.6 10		17 02.6 10		17 00.6 10		16 58.6 10		121
	17 23.2 9		17 21.4 9		17 19.7 9		17 17.9 9		17 16.1 9		122
	17 42.2 9		17 40.5 9		17 38.8 9		17 37.1 9		17 35.3 9		123
	18 04.0 9		18 02.2 9		18 00.4 9		17 58.5 9		17 56.7 9		124
	18 28.3 N - 10		18 26.2 N - 10		18 24.1 N - 10		18 22.0 N - 10		18 19.9 N - 10		125 E
	18 54.2 12		18 51.7 12		18 49.3 12		18 46.8 12		18 44.4 12		126
	19 21.0 14		19 18.1 14		19 15.3 14		19 12.4 14		19 09.6 14		127
	19 48.2 17		19 44.9 17		19 41.6 17		19 38.3 16		19 35.0 16		128
	20 15.5 19		20 11.7 19		20 07.9 19		20 04.1 19		20 00.4 19		129
	20 42.7 N - 22		20 38.4 N - 22		20 34.1 N - 21		20 29.8 N - 21		20 25.6 N - 21		130 E
	21 09.6 24		21 04.8 24		21 00.0 24		20 55.2 24		20 50.5 24		131
	21 36.2 27		21 30.9 27		21 25.6 26		21 20.3 26		21 15.1 26		132
	22 02.4 29		21 56.6 29		21 50.8 29		21 45.0 29		21 39.3 28		133
	22 28.2 32		22 21.8 32		22 15.6 31		22 09.3 31		22 03.1 31		134
	22 53.5 N - 34		22 46.7 N - 34		22 39.9 N - 34		22 33.2 N - 33		22 26.5 N - 33		135 E
	23 18.3 37		23 11.0 36		23 03.7 36		22 56.5 36		22 49.4 36		136
	23 42.7 39		23 34.9 39		23 27.1 39		23 19.5 38		23 11.8 38		137
	24 06.5 42		23 58.2 41		23 50.0 41		23 41.9 41		23 33.8 40		138
	24 29.9 N - 44		24 21.1 N - 44		24 12.4 N - 43		24 03.8 N - 43		23 55.3 N - 43		139 E
	L		L		L		L		L		
T	3100		3120		3140		3160		3180		T

T	3100	3120	3140	3160	3180	T
Lat ° ,	L ° , Δ	L ° , Δ	L ° , Δ	L ° , Δ	L ° , Δ	Long ° ,
	24 52.7 N - 46	24 43.5 N - 46	24 34.4 N - 46	24 25.3 N - 45	24 16.3 N - 45	140 E
	25 15.0 48	25 05.3 48	24 55.8 48	24 46.2 47	24 36.8 47	141
	25 36.8 51	25 26.7 50	25 16.7 50	25 06.7 50	24 56.8 49	142
	25 58.0 53	25 47.5 53	25 37.0 52	25 26.7 52	25 16.3 51	143
	26 18.8 55	26 07.8 55	25 56.9 54	25 46.1 54	25 35.3 54	144
	26 39.0 N - 57	26 27.6 N - 57	26 16.3 N - 56	26 05.0 N - 56	25 53.9 N - 56	145 E
	26 58.7 59	26 46.9 59	26 35.1 58	26 23.5 58	26 11.9 58	146
	27 17.8 61	27 05.6 61	26 53.5 61	26 41.4 60	26 29.4 60	147
	27 36.4 N - 63	27 23.8 N - 63	27 11.3 N - 63	26 58.8 N - 62	26 46.4 N - 62	148 E
	L	L	L	L	L	
T	3100	3120	3140	3160	3180	T

T	3200		3220		3240		3260		3280		T
Lat ° ,	L ° ,	Δ	L ° ,	Δ	L ° ,	Δ	L ° ,	Δ	L ° ,	Δ	Long ° ,
	10 16.9 N - 63		10 04.1 N - 64		9 51.4 N - 64		9 38.6 N - 64		9 25.7 N - 64		98 E
	10 36.7 61		10 24.5 61		10 12.2 61		9 59.9 62		9 47.5 62		99
	10 56.3 N - 59		10 44.6 N - 59		10 32.8 N - 59		10 21.0 N - 59		10 09.1 N - 59		100 E
	11 15.7 56		11 04.5 56		10 53.2 56		10 41.9 57		10 30.5 57		101
	11 34.9 54		11 24.2 54		11 13.4 54		11 02.6 54		10 51.7 54		102
	11 53.8 51		11 43.6 51		11 33.3 51		11 23.0 52		11 12.6 52		103
	12 12.5 49		12 02.7 49		11 53.0 49		11 43.1 49		11 33.3 49		104
	12 30.9 N - 46		12 21.7 N - 46		12 12.4 N - 46		12 03.1 N - 47		11 53.7 N - 47		105 E
	12 49.1 44		12 40.3 44		12 31.5 44		12 22.7 44		12 13.9 44		106
	13 07.0 41		12 58.7 41		12 50.5 42		12 42.1 42		12 33.8 42		107
	13 24.7 39		13 16.9 39		13 09.1 39		13 01.3 39		12 53.4 39		108
	13 42.1 36		13 34.8 36		13 27.5 37		13 20.2 37		13 12.8 37		109
	13 59.2 N - 34		13 52.4 N - 34		13 45.6 N - 34		13 38.8 N - 34		13 32.0 N - 34		110 E
	14 16.1 31		14 09.8 31		14 03.5 32		13 57.2 32		13 50.8 32		111
	14 32.8 29		14 27.0 29		14 21.2 29		14 15.3 29		14 09.5 29		112
	14 49.2 27		14 43.9 27		14 38.5 27		14 33.2 27		14 27.8 27		113
	15 05.4 24		15 00.5 24		14 55.7 24		14 50.8 24		14 45.9 25		114
	15 21.4 N - 22		15 17.0 N - 22		15 12.6 N - 22		15 08.2 N - 22		15 03.8 N - 22		115 E
	15 37.2 20		15 33.2 20		15 29.3 20		15 25.4 20		15 21.4 20		116
	15 52.8 17		15 49.4 17		15 45.9 17		15 42.4 17		15 38.9 18		117
	16 08.5 15		16 05.4 15		16 02.4 15		15 59.3 15		15 56.2 15		118
	16 24.1 13		16 21.5 13		16 18.9 13		16 16.2 13		16 13.5 13		119
	16 40.1 N - 11		16 37.8 N - 11		16 35.5 N - 11		16 33.2 N - 11		16 30.9 N - 12		120 E
	16 56.7 10		16 54.7 10		16 52.7 10		16 50.7 10		16 48.7 10		121
	17 14.3 9		17 12.5 9		17 10.7 9		17 09.0 9		17 07.2 9		122
	17 33.6 9		17 31.9 9		17 30.2 9		17 28.5 9		17 26.7 9		123
	17 54.9 9		17 53.1 9		17 51.3 9		17 49.4 9		17 47.6 9		124
	18 17.9 N - 10		18 15.8 N - 10		18 13.8 N - 10		18 11.7 N - 10		18 09.7 N - 10		125 E
	18 42.0 12		18 39.6 12		18 37.3 12		18 34.9 12		18 32.5 12		126
	19 06.8 14		19 04.0 14		19 01.2 14		18 58.4 14		18 55.7 14		127
	19 31.7 16		19 28.5 16		19 25.3 16		19 22.1 16		19 18.9 16		128
	19 56.7 19		19 53.0 18		19 49.3 18		19 45.6 18		19 42.0 18		129
	20 21.4 N - 21		20 17.2 N - 21		20 13.1 N - 21		20 09.0 N - 21		20 04.9 N - 20		130 E
	20 45.8 23		20 41.2 23		20 36.6 23		20 32.0 23		20 27.4 23		131
	21 09.9 26		21 04.8 26		20 59.7 25		20 54.6 25		20 49.6 25		132
	21 33.7 28		21 28.1 28		21 22.5 28		21 16.9 28		21 11.4 27		133
	21 57.0 31		21 50.9 30		21 44.8 30		21 38.8 30		21 32.8 30		134
	22 19.9 N - 33		22 13.3 N - 33		22 06.8 N - 33		22 00.3 N - 32		21 53.8 N - 32		135 E
	22 42.3 35		22 35.2 35		22 28.2 35		22 21.3 35		22 14.4 34		136
	23 04.3 38		22 56.7 37		22 49.3 37		22 41.9 37		22 34.5 37		137
	23 25.8 40		23 17.8 40		23 09.9 40		23 02.0 39		22 54.1 39		138
	23 46.8 N - 42		23 38.4 N - 42		23 30.0 N - 42		23 21.6 N - 42		23 13.4 N - 41		139 E
	L		L		L		L		L		
T	3200		3220		3240		3260		3280		T

T	3200		3220		3240		3260		3280		T
Lat ° ,	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	L ° ,	△	Long ° ,
	24 07.3 N - 45		23 58.4 N - 44		23 49.6 N - 44		23 40.8 N - 44		23 32.1 N - 44		140 E
	24 27.4 47		24 18.1 47		24 08.8 46		23 59.6 46		23 50.4 46		141
	24 47.0 49		24 37.2 49		24 27.5 48		24 17.8 48		24 08.2 48		142
	25 06.1 51		24 55.9 51		24 45.7 51		24 35.6 50		24 25.6 50		143
	25 24.7 53		25 14.0 53		25 03.5 53		24 53.0 52		24 42.5 52		144
	25 42.8 N - 55		25 31.7 N - 55		25 20.7 N - 55		25 09.8 N - 54		24 58.9 N - 54		145 E
	26 00.4 57		25 48.9 57		25 37.5 57		25 26.2 57		25 14.9 56		146
	26 17.5 59		26 05.6 59		25 53.8 59		25 42.1 59		25 30.4 58		147
	26 34.1 61		26 21.8 61		26 09.6 61		25 57.5 61		25 45.4 60		148
	26 50.2 N - 63		26 37.6 N - 63		26 25.0 N - 63		26 12.4 N - 63		26 00.0 N - 62		149 E
	L		L		L		L		L		
	</										

T	3300	3320	3340	3360	3380	T
Lat	L Δ	L Δ	L Δ	L Δ	L Δ	Long
	9 12.8 N - 65 9 35.1 62	8 59.8 N - 65 9 22.6 63	8 46.7 N - 65 9 10.1 63	8 33.6 N - 66 8 57.5 63	8 20.4 N - 66 8 44.8 64	98 E 99
	9 57.2 N - 60 10 19.1 57 10 40.8 55 11 02.2 52 11 23.4 50	9 45.2 N - 60 10 07.6 58 10 29.8 55 10 51.7 52 11 13.4 50	9 33.2 N - 60 9 56.1 58 10 18.8 55 10 41.2 53 11 03.4 50	9 21.1 N - 61 9 44.5 58 10 07.7 56 10 30.6 53 10 53.4 50	9 08.9 N - 61 9 32.9 58 9 56.6 56 10 20.0 53 10 43.3 51	100 E 101 102 103 104
	11 44.3 N - 47 12 05.0 45 12 25.4 42 12 45.6 40 13 05.5 37	11 34.9 N - 47 11 56.0 45 12 17.0 42 12 37.6 40 12 58.0 37	11 25.4 N - 48 11 47.1 45 12 08.5 42 12 29.7 40 12 50.6 37	11 15.8 N - 48 11 38.0 45 12 00.0 43 12 21.7 40 12 43.1 38	11 06.2 N - 48 11 29.0 45 11 51.4 43 12 13.7 40 12 35.6 38	105 E 106 107 108 109
	13 25.1 N - 34 13 44.5 32 14 03.6 29 14 22.4 27 14 41.0 25	13 18.2 N - 35 13 38.1 32 13 57.7 30 14 17.0 27 14 36.1 25	13 11.2 N - 35 13 31.6 32 13 51.7 30 14 11.5 27 14 31.1 25	13 04.3 N - 35 13 25.1 32 13 45.8 30 14 06.1 27 14 26.1 25	12 57.3 N - 35 13 18.6 33 13 39.8 30 14 00.6 28 14 21.1 25	110 E 111 112 113 114
	14 59.3 N - 22 15 17.5 20 15 35.4 18 15 53.2 15 16 10.9 13	14 54.9 N - 22 15 13.5 20 15 31.9 18 15 50.1 15 16 08.2 13	14 50.4 N - 22 15 09.5 20 15 28.3 18 15 47.0 16 16 05.5 13	14 45.9 N - 23 15 05.5 20 15 24.8 18 15 43.8 16 16 02.8 14	14 41.4 N - 23 15 01.4 20 15 21.2 18 15 40.7 16 16 00.1 14	115 E 116 117 118 119
	16 28.6 N - 12 16 46.7 10 17 05.4 9 17 25.0 9 17 45.8 9	16 26.3 N - 12 16 44.7 10 17 03.6 9 17 23.3 9 17 44.0 9	16 24.0 N - 12 16 42.7 10 17 01.8 9 17 21.6 9 17 42.2 9	16 21.7 N - 12 16 40.7 10 17 00.0 9 17 19.8 9 17 40.4 9	16 19.3 N - 12 16 38.6 10 16 58.2 9 17 18.1 9 17 38.7 9	120 E 121 122 123 124
	18 07.7 N - 10 18 30.2 12 18 53.0 14 19 15.8 16 19 38.4 18	18 05.7 N - 10 18 27.9 12 18 50.2 14 19 12.6 16 19 34.8 18	18 03.7 N - 10 18 25.5 12 18 47.5 13 19 09.5 16 19 31.3 18	18 01.7 N - 10 18 23.2 12 18 44.9 13 19 06.4 15 19 27.7 18	17 59.7 N - 10 18 20.9 11 18 42.2 13 19 03.3 15 19 24.2 18	125 E 126 127 128 129
	20 00.8 N - 20 20 22.9 23 20 44.6 25 21 05.9 27 21 26.9 30	19 56.8 N - 20 20 18.4 22 20 39.6 25 21 00.5 27 21 21.0 29	19 52.7 N - 20 20 13.9 22 20 34.7 25 20 55.1 27 21 15.1 29	19 48.8 N - 20 20 09.5 22 20 29.8 24 20 49.7 27 21 09.3 29	19 44.8 N - 20 20 05.0 22 20 24.9 24 20 44.4 27 21 03.5 29	130 E 131 132 133 134
	21 47.4 N - 32 22 07.5 34 22 27.2 37 22 46.4 39 23 05.1 N - 41	21 41.0 N - 32 22 00.7 34 22 19.9 36 22 38.6 39 22 56.9 N - 41	21 34.7 N - 32 21 53.9 34 22 12.6 36 22 30.9 38 22 48.8 N - 41	21 28.4 N - 31 21 47.1 34 22 05.4 36 22 23.3 38 22 40.7 N - 40	21 22.1 N - 31 21 40.4 33 21 58.2 36 22 15.7 38 22 32.6 N - 40	135 E 136 137 138 139
	L	L	L	L	L	
T	3300	3320	3340	3360	3380	T

T	3300	3320	3340	3360	3380	T
Lat, ° ,	L , ° , △	L , ° , △	L , ° , △	L , ° , △	L , ° , △	Long, ° ,
	23 23.4 N - 43	23 14.8 N - 43	23 06.2 N - 43	22 57.7 N - 43	22 49.2 N - 42	140 E
	23 41.3 45	23 32.2 45	23 23.2 45	23 14.2 45	23 05.3 45	141
	23 58.7 48	23 49.2 47	23 39.7 47	23 30.3 47	23 21.0 47	142
	24 15.6 50	24 05.7 50	23 55.8 49	23 46.0 49	23 36.2 49	143
	24 32.1 52	24 21.8 52	24 11.5 51	24 01.2 51	23 51.0 51	144
	24 48.1 N - 54	24 37.4 N - 54	24 26.6 N - 53	24 16.0 N - 53	24 05.4 N - 53	145 E
	25 03.7 56	24 52.5 56	24 41.4 55	24 30.3 55	24 19.3 55	146
	25 18.8 58	25 07.2 58	24 55.7 58	24 44.2 57	24 32.7 57	147
	25 33.4 60	25 21.4 60	25 09.5 59	24 57.6 59	24 45.8 59	148
	25 47.5 N - 62	25 35.2 N - 62	25 22.9 N - 61	25 10.6 N - 61	24 58.4 N - 61	149 E
	L	L	L	L	L	
T	3300	3320	3340	3360	3380	T

T	3400		3420		3440		3460		3480		T
Lat	L	△	L	△	L	△	L	△	L	△	Long
	8 32.0 N - 64		8 19.2 N - 64		8 06.3 N - 65		7 53.3 N - 65		7 40.3 N - 65		99 E
	8 56.7 N - 61		8 44.4 N - 62		8 32.0 N - 62		8 19.6 N - 62		8 07.0 N - 63		100 E
	9 21.1 59		9 09.4 59		8 57.5 59		8 45.6 60		8 33.6 60		101
	9 45.4 56		9 34.1 56		9 22.8 57		9 11.4 57		8 59.9 58		102
	10 09.3 54		9 58.6 54		9 47.8 54		9 36.9 55		9 26.0 55		103
	10 33.1 51		10 22.9 51		10 12.6 52		10 02.3 52		9 51.9 52		104
	10 56.6 N - 48		10 46.9 N - 49		10 37.2 N - 49		10 27.4 N - 49		10 17.5 N - 49		105 E
	11 19.9 46		11 10.7 46		11 01.5 46		10 52.2 47		10 42.9 47		106
	11 42.9 43		11 34.2 43		11 25.5 44		11 16.8 44		11 08.0 44		107
	12 05.6 41		11 57.5 41		11 49.3 41		11 41.1 41		11 32.8 41		108
	12 28.0 38		12 20.4 38		12 12.8 38		12 05.1 39		11 57.4 39		109
	12 50.2 N - 35		12 43.1 N - 36		12 36.0 N - 36		12 28.8 N - 36		12 21.6 N - 36		110 E
	13 12.1 33		13 05.5 33		12 58.9 33		12 52.3 33		12 45.6 34		111
	13 33.7 30		13 27.7 30		13 21.6 31		13 15.5 31		13 09.3 31		112
	13 55.1 28		13 49.5 28		13 43.9 28		13 38.3 28		13 32.7 28		113
	14 16.1 25		14 11.1 25		14 06.0 25		14 00.9 26		13 55.8 26		114
	14 36.9 N - 23		14 32.3 N - 23		14 27.7 N - 23		14 23.1 N - 23		14 18.5 N - 23		115 E
	14 57.4 20		14 53.3 20		14 49.2 21		14 45.1 21		14 41.0 21		116
	15 17.6 18		15 14.0 18		15 10.4 18		15 06.7 18		15 03.1 18		117
	15 37.6 16		15 34.4 16		15 31.2 16		15 28.1 16		15 24.9 16		118
	15 57.4 14		15 54.6 14		15 51.9 14		15 49.1 14		15 46.3 14		119
	16 17.0 N - 12		16 14.6 N - 12		16 12.3 N - 12		16 09.9 N - 12		16 07.5 N - 12		120 E
	16 36.6 10		16 34.6 10		16 32.5 10		16 30.5 10		16 28.4 10		121
	16 56.3 9		16 54.5 9		16 52.7 9		16 50.9 9		16 49.1 9		122
	17 16.4 9		17 14.7 9		17 12.9 9		17 11.2 9		17 09.5 9		123
	17 36.9 9		17 35.1 9		17 33.3 9		17 31.5 9		17 29.7 9		124
	17 57.7 N - 10		17 55.7 N - 10		17 53.7 N - 10		17 51.7 N - 10		17 49.8 N - 10		125 E
	18 18.6 11		18 16.3 11		18 14.1 11		18 11.8 11		18 09.5 11		126
	18 39.5 13		18 36.9 13		18 34.2 13		18 31.6 13		18 29.0 13		127
	19 00.2 15		18 57.2 15		18 54.1 15		18 51.1 15		18 48.1 15		128
	19 20.7 17		19 17.2 17		19 13.7 17		19 10.3 17		19 06.9 17		129
	19 40.8 N - 20		19 36.9 N - 20		19 33.0 N - 19		19 29.1 N - 19		19 25.2 N - 19		130 E
	20 00.6 22		19 56.2 22		19 51.9 22		19 47.6 22		19 43.2 22		131
	20 20.0 24		20 15.2 24		20 10.4 24		20 05.6 24		20 00.9 24		132
	20 39.1 27		20 33.8 26		20 28.5 26		20 23.3 26		20 18.1 26		133
	20 57.7 29		20 52.0 29		20 46.2 29		20 40.6 28		20 34.9 28		134
	21 15.9 N - 31		21 09.7 N - 31		21 03.6 N - 31		20 57.4 N - 31		20 51.3 N - 30		135 E
	21 33.7 33		21 27.1 33		21 20.5 33		21 13.9 33		21 07.3 33		136
	21 51.1 36		21 44.0 35		21 37.0 35		21 29.9 35		21 22.9 35		137
	22 08.1 38		22 00.5 38		21 53.0 37		21 45.6 37		21 38.1 37		138
	22 24.6 N - 40		22 16.6 N - 40		22 08.7 N - 40		22 00.8 N - 39		21 52.9 N - 39		139 E
	L		L		L		L		L		
T	3400		3420		3440		3460		3480		T

