

1	1° 28' 53"	121° 28' 53"	241° 28' 53"
2	2° 57' 47"	122° 57' 47"	242° 57' 47"
3	4° 26' 40"	124° 26' 40"	244° 26' 40"
4	5° 55' 33"	125° 55' 33"	245° 55' 33"
5	7° 24' 27"	127° 24' 27"	247° 24' 27"
6	8° 53' 20"	128° 53' 20"	248° 53' 20"
7	10° 22' 13"	130° 22' 13"	250° 22' 13"
8	11° 51' 7"	131° 51' 7"	251° 51' 7"
9	13° 19' 60"	133° 19' 60"	253° 19' 60"
10	14° 48' 53"	134° 48' 53"	254° 48' 53"
11	16° 17' 47"	136° 17' 47"	256° 17' 47"
12	17° 46' 40"	137° 46' 40"	257° 46' 40"
13	19° 15' 33"	139° 15' 33"	259° 15' 33"
14	20° 44' 27"	140° 44' 27"	260° 44' 27"
15	22° 13' 20"	142° 13' 20"	262° 13' 20"
16	23° 42' 13"	143° 42' 13"	263° 42' 13"
17	25° 11' 7"	145° 11' 7"	265° 11' 7"
18	26° 39' 60"	146° 39' 60"	266° 39' 60"
19	28° 8' 53"	148° 8' 53"	268° 8' 53"
20	29° 37' 47"	149° 37' 47"	269° 37' 47"
21	30° 00' 00"	150° 00' 00"	270° 00' 00"
22	31° 6' 40"	151° 6' 40"	271° 6' 40"
23	32° 35' 33"	152° 35' 33"	272° 35' 33"
24	34° 4' 27"	154° 4' 27"	274° 4' 27"
25	35° 33' 20"	155° 33' 20"	275° 33' 20"
26	37° 2' 13"	157° 2' 13"	277° 2' 13"
27	38° 31' 7"	158° 31' 7"	278° 31' 7"
28	39° 59' 60"	159° 59' 60"	279° 59' 60"
29	41° 28' 53"	161° 28' 53"	281° 28' 53"
30	42° 57' 47"	162° 57' 47"	282° 57' 47"
31	44° 26' 40"	164° 26' 40"	284° 26' 40"
32	45° 55' 33"	165° 55' 33"	285° 55' 33"
33	47° 24' 27"	167° 24' 27"	287° 24' 27"
34	48° 53' 20"	168° 53' 20"	288° 53' 20"
35	50° 22' 13"	170° 22' 13"	290° 22' 13"
36	51° 51' 7"	171° 51' 7"	291° 51' 7"
37	53° 19' 60"	173° 19' 60"	293° 19' 60"
38	54° 48' 53"	174° 48' 53"	294° 48' 53"
39	56° 17' 47"	176° 17' 47"	296° 17' 47"
40	57° 46' 40"	177° 46' 40"	297° 46' 40"
41	59° 15' 33"	179° 15' 33"	299° 15' 33"
42	60° 00' 00"	180° 00' 00"	300° 00' 00"
43	60° 44' 27"	180° 44' 27"	300° 44' 27"
44	62° 13' 20"	182° 13' 20"	302° 13' 20"
45	63° 42' 13"	183° 42' 13"	303° 42' 13"
46	65° 11' 7"	185° 11' 7"	305° 11' 7"
47	66° 39' 60"	186° 39' 60"	306° 39' 60"
48	68° 8' 53"	188° 8' 53"	308° 8' 53"
49	69° 37' 47"	189° 37' 47"	309° 37' 47"
50	71° 6' 40"	191° 6' 40"	311° 6' 40"

51	72° 35' 33"	192° 35' 33"	312° 35' 33"
52	74° 4' 27"	194° 4' 27"	314° 4' 27"
53	75° 33' 20"	195° 33' 20"	315° 33' 20"
54	77° 2' 13"	197° 2' 13"	317° 2' 13"
55	78° 31' 7"	198° 31' 7"	318° 31' 7"
56	79° 59' 60"	199° 59' 60"	319° 59' 60"
57	81° 28' 53"	201° 28' 53"	321° 28' 53"
58	82° 57' 47"	202° 57' 47"	322° 57' 47"
59	84° 26' 40"	204° 26' 40"	324° 26' 40"
60	85° 55' 33"	205° 55' 33"	325° 55' 33"
61	87° 24' 27"	207° 24' 27"	327° 24' 27"
62	88° 53' 20"	208° 53' 20"	328° 53' 20"
63	90° 00' 00"	210° 00' 00"	330° 00' 00"
64	90° 22' 13"	210° 22' 13"	330° 22' 13"
65	91° 51' 7"	211° 51' 7"	331° 51' 7"
66	93° 19' 60"	213° 19' 60"	333° 19' 60"
67	94° 48' 53"	214° 48' 53"	334° 48' 53"
68	96° 17' 47"	216° 17' 47"	336° 17' 47"
69	97° 46' 40"	217° 46' 40"	337° 46' 40"
70	99° 15' 33"	219° 15' 33"	339° 15' 33"
71	100° 44' 27"	220° 44' 27"	340° 44' 27"
72	102° 13' 20"	222° 13' 20"	342° 13' 20"
73	103° 42' 13"	223° 42' 13"	343° 42' 13"
74	105° 11' 7"	225° 11' 7"	345° 11' 7"
75	106° 39' 60"	226° 39' 60"	346° 39' 60"
76	108° 8' 53"	228° 8' 53"	348° 8' 53"
77	109° 37' 47"	229° 37' 47"	349° 37' 47"
78	111° 6' 40"	231° 6' 40"	351° 6' 40"
79	112° 35' 33"	232° 35' 33"	352° 35' 33"
80	114° 4' 27"	234° 4' 27"	354° 4' 27"
81	115° 33' 20"	235° 33' 20"	355° 33' 20"
82	117° 2' 13"	237° 2' 13"	357° 2' 13"
83	118° 31' 7"	238° 31' 7"	358° 31' 7"
84	119° 59' 60"	239° 59' 60"	359° 59' 60"
	252		
1	0° 9' 53"	120° 9' 53"	240° 9' 53"
2	0° 19' 45"	120° 19' 45"	240° 19' 45"
3	0° 29' 38"	120° 29' 38"	240° 29' 38"
4	0° 39' 30"	120° 39' 30"	240° 39' 30"
5	0° 49' 23"	120° 49' 23"	240° 49' 23"
6	0° 59' 16"	120° 59' 16"	240° 59' 16"
7	1° 9' 8"	121° 9' 8"	241° 9' 8"
8	1° 19' 1"	121° 19' 1"	241° 19' 1"
9	1° 28' 53"	121° 28' 53"	241° 28' 53"
10	1° 38' 46"	121° 38' 46"	241° 38' 46"
11	1° 48' 39"	121° 48' 39"	241° 48' 39"
12	1° 58' 31"	121° 58' 31"	241° 58' 31"
13	2° 8' 24"	122° 8' 24"	242° 8' 24"

14	2° 18' 16"	122° 18' 16"	242° 18' 16"
15	2° 28' 9"	122° 28' 9"	242° 28' 9"
16	2° 38' 1"	122° 38' 1"	242° 38' 1"
17	2° 47' 54"	122° 47' 54"	242° 47' 54"
18	2° 57' 47"	122° 57' 47"	242° 57' 47"
19	3° 7' 39"	123° 7' 39"	243° 7' 39"
20	3° 17' 32"	123° 17' 32"	243° 17' 32"
21	3° 27' 24"	123° 27' 24"	243° 27' 24"
22	3° 37' 17"	123° 37' 17"	243° 37' 17"
23	3° 47' 10"	123° 47' 10"	243° 47' 10"
24	3° 57' 2"	123° 57' 2"	243° 57' 2"
25	4° 6' 55"	124° 6' 55"	244° 6' 55"
26	4° 16' 47"	124° 16' 47"	244° 16' 47"
27	4° 26' 40"	124° 26' 40"	244° 26' 40"
28	4° 36' 33"	124° 36' 33"	244° 36' 33"
29	4° 46' 25"	124° 46' 25"	244° 46' 25"
30	4° 56' 18"	124° 56' 18"	244° 56' 18"
31	5° 6' 10"	125° 6' 10"	245° 6' 10"
32	5° 16' 3"	125° 16' 3"	245° 16' 3"
33	5° 25' 56"	125° 25' 56"	245° 25' 56"
34	5° 35' 48"	125° 35' 48"	245° 35' 48"
35	5° 45' 41"	125° 45' 41"	245° 45' 41"
36	5° 55' 33"	125° 55' 33"	245° 55' 33"
37	6° 5' 26"	126° 5' 26"	246° 5' 26"
38	6° 15' 19"	126° 15' 19"	246° 15' 19"
39	6° 25' 11"	126° 25' 11"	246° 25' 11"
40	6° 35' 4"	126° 35' 4"	246° 35' 4"
41	6° 44' 56"	126° 44' 56"	246° 44' 56"
42	6° 54' 49"	126° 54' 49"	246° 54' 49"
43	7° 4' 41"	127° 4' 41"	247° 4' 41"
44	7° 14' 34"	127° 14' 34"	247° 14' 34"
45	7° 24' 27"	127° 24' 27"	247° 24' 27"
46	7° 34' 19"	127° 34' 19"	247° 34' 19"
47	7° 44' 12"	127° 44' 12"	247° 44' 12"
48	7° 54' 4"	127° 54' 4"	247° 54' 4"
49	8° 3' 57"	128° 3' 57"	248° 3' 57"
50	8° 13' 50"	128° 13' 50"	248° 13' 50"
51	8° 23' 42"	128° 23' 42"	248° 23' 42"
52	8° 33' 35"	128° 33' 35"	248° 33' 35"
53	8° 43' 27"	128° 43' 27"	248° 43' 27"
54	8° 53' 20"	128° 53' 20"	248° 53' 20"
55	9° 3' 13"	129° 3' 13"	249° 3' 13"
56	9° 13' 5"	129° 13' 5"	249° 13' 5"
57	9° 22' 58"	129° 22' 58"	249° 22' 58"
58	9° 32' 50"	129° 32' 50"	249° 32' 50"
59	9° 42' 43"	129° 42' 43"	249° 42' 43"
60	9° 52' 36"	129° 52' 36"	249° 52' 36"
61	10° 2' 28"	130° 2' 28"	250° 2' 28"
62	10° 12' 21"	130° 12' 21"	250° 12' 21"
63	10° 22' 13"	130° 22' 13"	250° 22' 13"

64	10° 32' 6"	130° 32' 6"	250° 32' 6"
65	10° 41' 59"	130° 41' 59"	250° 41' 59"
66	10° 51' 51"	130° 51' 51"	250° 51' 51"
67	11° 1' 44"	131° 1' 44"	251° 1' 44"
68	11° 11' 36"	131° 11' 36"	251° 11' 36"
69	11° 21' 29"	131° 21' 29"	251° 21' 29"
70	11° 31' 21"	131° 31' 21"	251° 31' 21"
71	11° 41' 14"	131° 41' 14"	251° 41' 14"
72	11° 51' 7"	131° 51' 7"	251° 51' 7"
73	12° 0' 59"	132° 0' 59"	252° 0' 59"
74	12° 10' 52"	132° 10' 52"	252° 10' 52"
75	12° 20' 44"	132° 20' 44"	252° 20' 44"
76	12° 30' 37"	132° 30' 37"	252° 30' 37"
77	12° 40' 30"	132° 40' 30"	252° 40' 30"
78	12° 50' 22"	132° 50' 22"	252° 50' 22"
79	13° 0' 15"	133° 0' 15"	253° 0' 15"
80	13° 10' 7"	133° 10' 7"	253° 10' 7"
81	13° 19' 60"	133° 19' 60"	253° 19' 60"
82	13° 29' 53"	133° 29' 53"	253° 29' 53"
83	13° 39' 45"	133° 39' 45"	253° 39' 45"
84	13° 49' 38"	133° 49' 38"	253° 49' 38"
85	13° 59' 30"	133° 59' 30"	253° 59' 30"
86	14° 9' 23"	134° 9' 23"	254° 9' 23"
87	14° 19' 16"	134° 19' 16"	254° 19' 16"
88	14° 29' 8"	134° 29' 8"	254° 29' 8"
89	14° 39' 1"	134° 39' 1"	254° 39' 1"
90	14° 48' 53"	134° 48' 53"	254° 48' 53"
91	14° 58' 46"	134° 58' 46"	254° 58' 46"
92	15° 8' 39"	135° 8' 39"	255° 8' 39"
93	15° 18' 31"	135° 18' 31"	255° 18' 31"
94	15° 28' 24"	135° 28' 24"	255° 28' 24"
95	15° 38' 16"	135° 38' 16"	255° 38' 16"
96	15° 48' 9"	135° 48' 9"	255° 48' 9"
97	15° 58' 1"	135° 58' 1"	255° 58' 1"
98	16° 7' 54"	136° 7' 54"	256° 7' 54"
99	16° 17' 47"	136° 17' 47"	256° 17' 47"
100	16° 27' 39"	136° 27' 39"	256° 27' 39"
101	16° 37' 32"	136° 37' 32"	256° 37' 32"
102	16° 47' 24"	136° 47' 24"	256° 47' 24"
103	16° 57' 17"	136° 57' 17"	256° 57' 17"
104	17° 7' 10"	137° 7' 10"	257° 7' 10"
105	17° 17' 2"	137° 17' 2"	257° 17' 2"
106	17° 26' 55"	137° 26' 55"	257° 26' 55"
107	17° 36' 47"	137° 36' 47"	257° 36' 47"
108	17° 46' 40"	137° 46' 40"	257° 46' 40"
109	17° 56' 33"	137° 56' 33"	257° 56' 33"
110	18° 6' 25"	138° 6' 25"	258° 6' 25"
111	18° 16' 18"	138° 16' 18"	258° 16' 18"
112	18° 26' 10"	138° 26' 10"	258° 26' 10"
113	18° 36' 3"	138° 36' 3"	258° 36' 3"

114	18° 45' 56"	138° 45' 56"	258° 45' 56"
115	18° 55' 48"	138° 55' 48"	258° 55' 48"
116	19° 5' 41"	139° 5' 41"	259° 5' 41"
117	19° 15' 33"	139° 15' 33"	259° 15' 33"
118	19° 25' 26"	139° 25' 26"	259° 25' 26"
119	19° 35' 19"	139° 35' 19"	259° 35' 19"
120	19° 45' 11"	139° 45' 11"	259° 45' 11"
121	19° 55' 4"	139° 55' 4"	259° 55' 4"
122	20° 4' 56"	140° 4' 56"	260° 4' 56"
123	20° 14' 49"	140° 14' 49"	260° 14' 49"
124	20° 24' 41"	140° 24' 41"	260° 24' 41"
125	20° 34' 34"	140° 34' 34"	260° 34' 34"
126	20° 44' 27"	140° 44' 27"	260° 44' 27"
127	20° 54' 19"	140° 54' 19"	260° 54' 19"
128	21° 4' 12"	141° 4' 12"	261° 4' 12"
129	21° 14' 4"	141° 14' 4"	261° 14' 4"
130	21° 23' 57"	141° 23' 57"	261° 23' 57"
131	21° 33' 50"	141° 33' 50"	261° 33' 50"
132	21° 43' 42"	141° 43' 42"	261° 43' 42"
133	21° 53' 35"	141° 53' 35"	261° 53' 35"
134	22° 3' 27"	142° 3' 27"	262° 3' 27"
135	22° 13' 20"	142° 13' 20"	262° 13' 20"
136	22° 23' 13"	142° 23' 13"	262° 23' 13"
137	22° 33' 5"	142° 33' 5"	262° 33' 5"
138	22° 42' 58"	142° 42' 58"	262° 42' 58"
139	22° 52' 50"	142° 52' 50"	262° 52' 50"
140	23° 2' 43"	143° 2' 43"	263° 2' 43"
141	23° 12' 36"	143° 12' 36"	263° 12' 36"
142	23° 22' 28"	143° 22' 28"	263° 22' 28"
143	23° 32' 21"	143° 32' 21"	263° 32' 21"
144	23° 42' 13"	143° 42' 13"	263° 42' 13"
145	23° 52' 6"	143° 52' 6"	263° 52' 6"
146	24° 1' 59"	144° 1' 59"	264° 1' 59"
147	24° 11' 51"	144° 11' 51"	264° 11' 51"
148	24° 21' 44"	144° 21' 44"	264° 21' 44"
149	24° 31' 36"	144° 31' 36"	264° 31' 36"
150	24° 41' 29"	144° 41' 29"	264° 41' 29"
151	24° 51' 21"	144° 51' 21"	264° 51' 21"
152	25° 1' 14"	145° 1' 14"	265° 1' 14"
153	25° 11' 7"	145° 11' 7"	265° 11' 7"
154	25° 20' 59"	145° 20' 59"	265° 20' 59"
155	25° 30' 52"	145° 30' 52"	265° 30' 52"
156	25° 40' 44"	145° 40' 44"	265° 40' 44"
157	25° 50' 37"	145° 50' 37"	265° 50' 37"
158	26° 0' 30"	146° 0' 30"	266° 0' 30"
159	26° 10' 22"	146° 10' 22"	266° 10' 22"
160	26° 20' 15"	146° 20' 15"	266° 20' 15"
161	26° 30' 7"	146° 30' 7"	266° 30' 7"
162	26° 39' 60"	146° 39' 60"	266° 39' 60"
163	26° 49' 53"	146° 49' 53"	266° 49' 53"

164	26° 59' 45"	146° 59' 45"	266° 59' 45"
165	27° 9' 38"	147° 9' 38"	267° 9' 38"
166	27° 19' 30"	147° 19' 30"	267° 19' 30"
167	27° 29' 23"	147° 29' 23"	267° 29' 23"
168	27° 39' 16"	147° 39' 16"	267° 39' 16"
169	27° 49' 8"	147° 49' 8"	267° 49' 8"
170	27° 59' 1"	147° 59' 1"	267° 59' 1"
171	28° 8' 53"	148° 8' 53"	268° 8' 53"
172	28° 18' 46"	148° 18' 46"	268° 18' 46"
173	28° 28' 39"	148° 28' 39"	268° 28' 39"
174	28° 38' 31"	148° 38' 31"	268° 38' 31"
175	28° 48' 24"	148° 48' 24"	268° 48' 24"
176	28° 58' 16"	148° 58' 16"	268° 58' 16"
177	29° 8' 9"	149° 8' 9"	269° 8' 9"
178	29° 18' 1"	149° 18' 1"	269° 18' 1"
179	29° 27' 54"	149° 27' 54"	269° 27' 54"
180	29° 37' 47"	149° 37' 47"	269° 37' 47"
181	29° 47' 39"	149° 47' 39"	269° 47' 39"
182	29° 57' 32"	149° 57' 32"	269° 57' 32"
183	30° 7' 24"	150° 7' 24"	270° 7' 24"
184	30° 17' 17"	150° 17' 17"	270° 17' 17"
185	30° 27' 10"	150° 27' 10"	270° 27' 10"
186	30° 37' 2"	150° 37' 2"	270° 37' 2"
187	30° 46' 55"	150° 46' 55"	270° 46' 55"
188	30° 56' 47"	150° 56' 47"	270° 56' 47"
189	31° 6' 40"	151° 6' 40"	271° 6' 40"
190	31° 16' 33"	151° 16' 33"	271° 16' 33"
191	31° 26' 25"	151° 26' 25"	271° 26' 25"
192	31° 36' 18"	151° 36' 18"	271° 36' 18"
193	31° 46' 10"	151° 46' 10"	271° 46' 10"
194	31° 56' 3"	151° 56' 3"	271° 56' 3"
195	32° 5' 56"	152° 5' 56"	272° 5' 56"
196	32° 15' 48"	152° 15' 48"	272° 15' 48"
197	32° 25' 41"	152° 25' 41"	272° 25' 41"
198	32° 35' 33"	152° 35' 33"	272° 35' 33"
199	32° 45' 26"	152° 45' 26"	272° 45' 26"
200	32° 55' 19"	152° 55' 19"	272° 55' 19"
201	33° 5' 11"	153° 5' 11"	273° 5' 11"
202	33° 15' 4"	153° 15' 4"	273° 15' 4"
203	33° 24' 56"	153° 24' 56"	273° 24' 56"
204	33° 34' 49"	153° 34' 49"	273° 34' 49"
205	33° 44' 41"	153° 44' 41"	273° 44' 41"
206	33° 54' 34"	153° 54' 34"	273° 54' 34"
207	34° 4' 27"	154° 4' 27"	274° 4' 27"
208	34° 14' 19"	154° 14' 19"	274° 14' 19"
209	34° 24' 12"	154° 24' 12"	274° 24' 12"
210	34° 34' 4"	154° 34' 4"	274° 34' 4"
211	34° 43' 57"	154° 43' 57"	274° 43' 57"
212	34° 53' 50"	154° 53' 50"	274° 53' 50"
213	35° 3' 42"	155° 3' 42"	275° 3' 42"

214	35° 13' 35"	155° 13' 35"	275° 13' 35"
215	35° 23' 27"	155° 23' 27"	275° 23' 27"
216	35° 33' 20"	155° 33' 20"	275° 33' 20"
217	35° 43' 13"	155° 43' 13"	275° 43' 13"
218	35° 53' 5"	155° 53' 5"	275° 53' 5"
219	36° 2' 58"	156° 2' 58"	276° 2' 58"
220	36° 12' 50"	156° 12' 50"	276° 12' 50"
221	36° 22' 43"	156° 22' 43"	276° 22' 43"
222	36° 32' 36"	156° 32' 36"	276° 32' 36"
223	36° 42' 28"	156° 42' 28"	276° 42' 28"
224	36° 52' 21"	156° 52' 21"	276° 52' 21"
225	37° 2' 13"	157° 2' 13"	277° 2' 13"
226	37° 12' 6"	157° 12' 6"	277° 12' 6"
227	37° 21' 59"	157° 21' 59"	277° 21' 59"
228	37° 31' 51"	157° 31' 51"	277° 31' 51"
229	37° 41' 44"	157° 41' 44"	277° 41' 44"
230	37° 51' 36"	157° 51' 36"	277° 51' 36"
231	38° 1' 29"	158° 1' 29"	278° 1' 29"
232	38° 11' 21"	158° 11' 21"	278° 11' 21"
233	38° 21' 14"	158° 21' 14"	278° 21' 14"
234	38° 31' 7"	158° 31' 7"	278° 31' 7"
235	38° 40' 59"	158° 40' 59"	278° 40' 59"
236	38° 50' 52"	158° 50' 52"	278° 50' 52"
237	39° 0' 44"	159° 0' 44"	279° 0' 44"
238	39° 10' 37"	159° 10' 37"	279° 10' 37"
239	39° 20' 30"	159° 20' 30"	279° 20' 30"
240	39° 30' 22"	159° 30' 22"	279° 30' 22"
241	39° 40' 15"	159° 40' 15"	279° 40' 15"
242	39° 50' 7"	159° 50' 7"	279° 50' 7"
243	39° 59' 60"	159° 59' 60"	279° 59' 60"
244	40° 9' 53"	160° 9' 53"	280° 9' 53"
245	40° 19' 45"	160° 19' 45"	280° 19' 45"
246	40° 29' 38"	160° 29' 38"	280° 29' 38"
247	40° 39' 30"	160° 39' 30"	280° 39' 30"
248	40° 49' 23"	160° 49' 23"	280° 49' 23"
249	40° 59' 16"	160° 59' 16"	280° 59' 16"
250	41° 9' 8"	161° 9' 8"	281° 9' 8"
251	41° 19' 1"	161° 19' 1"	281° 19' 1"
252	41° 28' 53"	161° 28' 53"	281° 28' 53"
253	41° 38' 46"	161° 38' 46"	281° 38' 46"
254	41° 48' 39"	161° 48' 39"	281° 48' 39"
255	41° 58' 31"	161° 58' 31"	281° 58' 31"
256	42° 8' 24"	162° 8' 24"	282° 8' 24"
257	42° 18' 16"	162° 18' 16"	282° 18' 16"
258	42° 28' 9"	162° 28' 9"	282° 28' 9"
259	42° 38' 1"	162° 38' 1"	282° 38' 1"
260	42° 47' 54"	162° 47' 54"	282° 47' 54"
261	42° 57' 47"	162° 57' 47"	282° 57' 47"
262	43° 7' 39"	163° 7' 39"	283° 7' 39"
263	43° 17' 32"	163° 17' 32"	283° 17' 32"

264	43° 27' 24"	163° 27' 24"	283° 27' 24"
265	43° 37' 17"	163° 37' 17"	283° 37' 17"
266	43° 47' 10"	163° 47' 10"	283° 47' 10"
267	43° 57' 2"	163° 57' 2"	283° 57' 2"
268	44° 6' 55"	164° 6' 55"	284° 6' 55"
269	44° 16' 47"	164° 16' 47"	284° 16' 47"
270	44° 26' 40"	164° 26' 40"	284° 26' 40"
271	44° 36' 33"	164° 36' 33"	284° 36' 33"
272	44° 46' 25"	164° 46' 25"	284° 46' 25"
273	44° 56' 18"	164° 56' 18"	284° 56' 18"
274	45° 6' 10"	165° 6' 10"	285° 6' 10"
275	45° 16' 3"	165° 16' 3"	285° 16' 3"
276	45° 25' 56"	165° 25' 56"	285° 25' 56"
277	45° 35' 48"	165° 35' 48"	285° 35' 48"
278	45° 45' 41"	165° 45' 41"	285° 45' 41"
279	45° 55' 33"	165° 55' 33"	285° 55' 33"
280	46° 5' 26"	166° 5' 26"	286° 5' 26"
281	46° 15' 19"	166° 15' 19"	286° 15' 19"
282	46° 25' 11"	166° 25' 11"	286° 25' 11"
283	46° 35' 4"	166° 35' 4"	286° 35' 4"
284	46° 44' 56"	166° 44' 56"	286° 44' 56"
285	46° 54' 49"	166° 54' 49"	286° 54' 49"
286	47° 4' 41"	167° 4' 41"	287° 4' 41"
287	47° 14' 34"	167° 14' 34"	287° 14' 34"
288	47° 24' 27"	167° 24' 27"	287° 24' 27"
289	47° 34' 19"	167° 34' 19"	287° 34' 19"
290	47° 44' 12"	167° 44' 12"	287° 44' 12"
291	47° 54' 4"	167° 54' 4"	287° 54' 4"
292	48° 3' 57"	168° 3' 57"	288° 3' 57"
293	48° 13' 50"	168° 13' 50"	288° 13' 50"
294	48° 23' 42"	168° 23' 42"	288° 23' 42"
295	48° 33' 35"	168° 33' 35"	288° 33' 35"
296	48° 43' 27"	168° 43' 27"	288° 43' 27"
297	48° 53' 20"	168° 53' 20"	288° 53' 20"
298	49° 3' 13"	169° 3' 13"	289° 3' 13"
299	49° 13' 5"	169° 13' 5"	289° 13' 5"
300	49° 22' 58"	169° 22' 58"	289° 22' 58"
301	49° 32' 50"	169° 32' 50"	289° 32' 50"
302	49° 42' 43"	169° 42' 43"	289° 42' 43"
303	49° 52' 36"	169° 52' 36"	289° 52' 36"
304	50° 2' 28"	170° 2' 28"	290° 2' 28"
305	50° 12' 21"	170° 12' 21"	290° 12' 21"
306	50° 22' 13"	170° 22' 13"	290° 22' 13"
307	50° 32' 6"	170° 32' 6"	290° 32' 6"
308	50° 41' 59"	170° 41' 59"	290° 41' 59"
309	50° 51' 51"	170° 51' 51"	290° 51' 51"
310	51° 1' 44"	171° 1' 44"	291° 1' 44"
311	51° 11' 36"	171° 11' 36"	291° 11' 36"
312	51° 21' 29"	171° 21' 29"	291° 21' 29"
313	51° 31' 21"	171° 31' 21"	291° 31' 21"

314	51° 41' 14"	171° 41' 14"	291° 41' 14"
315	51° 51' 7"	171° 51' 7"	291° 51' 7"
316	52° 0' 59"	172° 0' 59"	292° 0' 59"
317	52° 10' 52"	172° 10' 52"	292° 10' 52"
318	52° 20' 44"	172° 20' 44"	292° 20' 44"
319	52° 30' 37"	172° 30' 37"	292° 30' 37"
320	52° 40' 30"	172° 40' 30"	292° 40' 30"
321	52° 50' 22"	172° 50' 22"	292° 50' 22"
322	53° 0' 15"	173° 0' 15"	293° 0' 15"
323	53° 10' 7"	173° 10' 7"	293° 10' 7"
324	53° 19' 60"	173° 19' 60"	293° 19' 60"
325	53° 29' 53"	173° 29' 53"	293° 29' 53"
326	53° 39' 45"	173° 39' 45"	293° 39' 45"
327	53° 49' 38"	173° 49' 38"	293° 49' 38"
328	53° 59' 30"	173° 59' 30"	293° 59' 30"
329	54° 9' 23"	174° 9' 23"	294° 9' 23"
330	54° 19' 16"	174° 19' 16"	294° 19' 16"
331	54° 29' 8"	174° 29' 8"	294° 29' 8"
332	54° 39' 1"	174° 39' 1"	294° 39' 1"
333	54° 48' 53"	174° 48' 53"	294° 48' 53"
334	54° 58' 46"	174° 58' 46"	294° 58' 46"
335	55° 8' 39"	175° 8' 39"	295° 8' 39"
336	55° 18' 31"	175° 18' 31"	295° 18' 31"
337	55° 28' 24"	175° 28' 24"	295° 28' 24"
338	55° 38' 16"	175° 38' 16"	295° 38' 16"
339	55° 48' 9"	175° 48' 9"	295° 48' 9"
340	55° 58' 1"	175° 58' 1"	295° 58' 1"
341	56° 7' 54"	176° 7' 54"	296° 7' 54"
342	56° 17' 47"	176° 17' 47"	296° 17' 47"
343	56° 27' 39"	176° 27' 39"	296° 27' 39"
344	56° 37' 32"	176° 37' 32"	296° 37' 32"
345	56° 47' 24"	176° 47' 24"	296° 47' 24"
346	56° 57' 17"	176° 57' 17"	296° 57' 17"
347	57° 7' 10"	177° 7' 10"	297° 7' 10"
348	57° 17' 2"	177° 17' 2"	297° 17' 2"
349	57° 26' 55"	177° 26' 55"	297° 26' 55"
350	57° 36' 47"	177° 36' 47"	297° 36' 47"
351	57° 46' 40"	177° 46' 40"	297° 46' 40"
352	57° 56' 33"	177° 56' 33"	297° 56' 33"
353	58° 6' 25"	178° 6' 25"	298° 6' 25"
354	58° 16' 18"	178° 16' 18"	298° 16' 18"
355	58° 26' 10"	178° 26' 10"	298° 26' 10"
356	58° 36' 3"	178° 36' 3"	298° 36' 3"
357	58° 45' 56"	178° 45' 56"	298° 45' 56"
358	58° 55' 48"	178° 55' 48"	298° 55' 48"
359	59° 5' 41"	179° 5' 41"	299° 5' 41"
360	59° 15' 33"	179° 15' 33"	299° 15' 33"
361	59° 25' 26"	179° 25' 26"	299° 25' 26"
362	59° 35' 19"	179° 35' 19"	299° 35' 19"
363	59° 45' 11"	179° 45' 11"	299° 45' 11"

364	59° 55' 4"	179° 55' 4"	299° 55' 4"
365	60° 4' 56"	180° 4' 56"	300° 4' 56"
366	60° 14' 49"	180° 14' 49"	300° 14' 49"
367	60° 24' 41"	180° 24' 41"	300° 24' 41"
368	60° 34' 34"	180° 34' 34"	300° 34' 34"
369	60° 44' 27"	180° 44' 27"	300° 44' 27"
370	60° 54' 19"	180° 54' 19"	300° 54' 19"
371	61° 4' 12"	181° 4' 12"	301° 4' 12"
372	61° 14' 4"	181° 14' 4"	301° 14' 4"
373	61° 23' 57"	181° 23' 57"	301° 23' 57"
374	61° 33' 50"	181° 33' 50"	301° 33' 50"
375	61° 43' 42"	181° 43' 42"	301° 43' 42"
376	61° 53' 35"	181° 53' 35"	301° 53' 35"
377	62° 3' 27"	182° 3' 27"	302° 3' 27"
378	62° 13' 20"	182° 13' 20"	302° 13' 20"
379	62° 23' 13"	182° 23' 13"	302° 23' 13"
380	62° 33' 5"	182° 33' 5"	302° 33' 5"
381	62° 42' 58"	182° 42' 58"	302° 42' 58"
382	62° 52' 50"	182° 52' 50"	302° 52' 50"
383	63° 2' 43"	183° 2' 43"	303° 2' 43"
384	63° 12' 36"	183° 12' 36"	303° 12' 36"
385	63° 22' 28"	183° 22' 28"	303° 22' 28"
386	63° 32' 21"	183° 32' 21"	303° 32' 21"
387	63° 42' 13"	183° 42' 13"	303° 42' 13"
388	63° 52' 6"	183° 52' 6"	303° 52' 6"
389	64° 1' 59"	184° 1' 59"	304° 1' 59"
390	64° 11' 51"	184° 11' 51"	304° 11' 51"
391	64° 21' 44"	184° 21' 44"	304° 21' 44"
392	64° 31' 36"	184° 31' 36"	304° 31' 36"
393	64° 41' 29"	184° 41' 29"	304° 41' 29"
394	64° 51' 21"	184° 51' 21"	304° 51' 21"
395	65° 1' 14"	185° 1' 14"	305° 1' 14"
396	65° 11' 7"	185° 11' 7"	305° 11' 7"
397	65° 20' 59"	185° 20' 59"	305° 20' 59"
398	65° 30' 52"	185° 30' 52"	305° 30' 52"
399	65° 40' 44"	185° 40' 44"	305° 40' 44"
400	65° 50' 37"	185° 50' 37"	305° 50' 37"
401	66° 0' 30"	186° 0' 30"	306° 0' 30"
402	66° 10' 22"	186° 10' 22"	306° 10' 22"
403	66° 20' 15"	186° 20' 15"	306° 20' 15"
404	66° 30' 7"	186° 30' 7"	306° 30' 7"
405	66° 39' 60"	186° 39' 60"	306° 39' 60"
406	66° 49' 53"	186° 49' 53"	306° 49' 53"
407	66° 59' 45"	186° 59' 45"	306° 59' 45"
408	67° 9' 38"	187° 9' 38"	307° 9' 38"
409	67° 19' 30"	187° 19' 30"	307° 19' 30"
410	67° 29' 23"	187° 29' 23"	307° 29' 23"
411	67° 39' 16"	187° 39' 16"	307° 39' 16"
412	67° 49' 8"	187° 49' 8"	307° 49' 8"
413	67° 59' 1"	187° 59' 1"	307° 59' 1"

414	68° 8' 53"	188° 8' 53"	308° 8' 53"
415	68° 18' 46"	188° 18' 46"	308° 18' 46"
416	68° 28' 39"	188° 28' 39"	308° 28' 39"
417	68° 38' 31"	188° 38' 31"	308° 38' 31"
418	68° 48' 24"	188° 48' 24"	308° 48' 24"
419	68° 58' 16"	188° 58' 16"	308° 58' 16"
420	69° 8' 9"	189° 8' 9"	309° 8' 9"
421	69° 18' 1"	189° 18' 1"	309° 18' 1"
422	69° 27' 54"	189° 27' 54"	309° 27' 54"
423	69° 37' 47"	189° 37' 47"	309° 37' 47"
424	69° 47' 39"	189° 47' 39"	309° 47' 39"
425	69° 57' 32"	189° 57' 32"	309° 57' 32"
426	70° 7' 24"	190° 7' 24"	310° 7' 24"
427	70° 17' 17"	190° 17' 17"	310° 17' 17"
428	70° 27' 10"	190° 27' 10"	310° 27' 10"
429	70° 37' 2"	190° 37' 2"	310° 37' 2"
430	70° 46' 55"	190° 46' 55"	310° 46' 55"
431	70° 56' 47"	190° 56' 47"	310° 56' 47"
432	71° 6' 40"	191° 6' 40"	311° 6' 40"
433	71° 16' 33"	191° 16' 33"	311° 16' 33"
434	71° 26' 25"	191° 26' 25"	311° 26' 25"
435	71° 36' 18"	191° 36' 18"	311° 36' 18"
436	71° 46' 10"	191° 46' 10"	311° 46' 10"
437	71° 56' 3"	191° 56' 3"	311° 56' 3"
438	72° 5' 56"	192° 5' 56"	312° 5' 56"
439	72° 15' 48"	192° 15' 48"	312° 15' 48"
440	72° 25' 41"	192° 25' 41"	312° 25' 41"
441	72° 35' 33"	192° 35' 33"	312° 35' 33"
442	72° 45' 26"	192° 45' 26"	312° 45' 26"
443	72° 55' 19"	192° 55' 19"	312° 55' 19"
444	73° 5' 11"	193° 5' 11"	313° 5' 11"
445	73° 15' 4"	193° 15' 4"	313° 15' 4"
446	73° 24' 56"	193° 24' 56"	313° 24' 56"
447	73° 34' 49"	193° 34' 49"	313° 34' 49"
448	73° 44' 41"	193° 44' 41"	313° 44' 41"
449	73° 54' 34"	193° 54' 34"	313° 54' 34"
450	74° 4' 27"	194° 4' 27"	314° 4' 27"
451	74° 14' 19"	194° 14' 19"	314° 14' 19"
452	74° 24' 12"	194° 24' 12"	314° 24' 12"
453	74° 34' 4"	194° 34' 4"	314° 34' 4"
454	74° 43' 57"	194° 43' 57"	314° 43' 57"
455	74° 53' 50"	194° 53' 50"	314° 53' 50"
456	75° 3' 42"	195° 3' 42"	315° 3' 42"
457	75° 13' 35"	195° 13' 35"	315° 13' 35"
458	75° 23' 27"	195° 23' 27"	315° 23' 27"
459	75° 33' 20"	195° 33' 20"	315° 33' 20"
460	75° 43' 13"	195° 43' 13"	315° 43' 13"
461	75° 53' 5"	195° 53' 5"	315° 53' 5"
462	76° 2' 58"	196° 2' 58"	316° 2' 58"
463	76° 12' 50"	196° 12' 50"	316° 12' 50"

464	76° 22' 43"	196° 22' 43"	316° 22' 43"
465	76° 32' 36"	196° 32' 36"	316° 32' 36"
466	76° 42' 28"	196° 42' 28"	316° 42' 28"
467	76° 52' 21"	196° 52' 21"	316° 52' 21"
468	77° 2' 13"	197° 2' 13"	317° 2' 13"
469	77° 12' 6"	197° 12' 6"	317° 12' 6"
470	77° 21' 59"	197° 21' 59"	317° 21' 59"
471	77° 31' 51"	197° 31' 51"	317° 31' 51"
472	77° 41' 44"	197° 41' 44"	317° 41' 44"
473	77° 51' 36"	197° 51' 36"	317° 51' 36"
474	78° 1' 29"	198° 1' 29"	318° 1' 29"
475	78° 11' 21"	198° 11' 21"	318° 11' 21"
476	78° 21' 14"	198° 21' 14"	318° 21' 14"
477	78° 31' 7"	198° 31' 7"	318° 31' 7"
478	78° 40' 59"	198° 40' 59"	318° 40' 59"
479	78° 50' 52"	198° 50' 52"	318° 50' 52"
480	79° 0' 44"	199° 0' 44"	319° 0' 44"
481	79° 10' 37"	199° 10' 37"	319° 10' 37"
482	79° 20' 30"	199° 20' 30"	319° 20' 30"
483	79° 30' 22"	199° 30' 22"	319° 30' 22"
484	79° 40' 15"	199° 40' 15"	319° 40' 15"
485	79° 50' 7"	199° 50' 7"	319° 50' 7"
486	79° 59' 60"	199° 59' 60"	319° 59' 60"
487	80° 9' 53"	200° 9' 53"	320° 9' 53"
488	80° 19' 45"	200° 19' 45"	320° 19' 45"
489	80° 29' 38"	200° 29' 38"	320° 29' 38"
490	80° 39' 30"	200° 39' 30"	320° 39' 30"
491	80° 49' 23"	200° 49' 23"	320° 49' 23"
492	80° 59' 16"	200° 59' 16"	320° 59' 16"
493	81° 9' 8"	201° 9' 8"	321° 9' 8"
494	81° 19' 1"	201° 19' 1"	321° 19' 1"
495	81° 28' 53"	201° 28' 53"	321° 28' 53"
496	81° 38' 46"	201° 38' 46"	321° 38' 46"
497	81° 48' 39"	201° 48' 39"	321° 48' 39"
498	81° 58' 31"	201° 58' 31"	321° 58' 31"
499	82° 8' 24"	202° 8' 24"	322° 8' 24"
500	82° 18' 16"	202° 18' 16"	322° 18' 16"
501	82° 28' 9"	202° 28' 9"	322° 28' 9"
502	82° 38' 1"	202° 38' 1"	322° 38' 1"
503	82° 47' 54"	202° 47' 54"	322° 47' 54"
504	82° 57' 47"	202° 57' 47"	322° 57' 47"
505	83° 7' 39"	203° 7' 39"	323° 7' 39"
506	83° 17' 32"	203° 17' 32"	323° 17' 32"
507	83° 27' 24"	203° 27' 24"	323° 27' 24"
508	83° 37' 17"	203° 37' 17"	323° 37' 17"
509	83° 47' 10"	203° 47' 10"	323° 47' 10"
510	83° 57' 2"	203° 57' 2"	323° 57' 2"
511	84° 6' 55"	204° 6' 55"	324° 6' 55"
512	84° 16' 47"	204° 16' 47"	324° 16' 47"
513	84° 26' 40"	204° 26' 40"	324° 26' 40"

514	84° 36' 33"	204° 36' 33"	324° 36' 33"
515	84° 46' 25"	204° 46' 25"	324° 46' 25"
516	84° 56' 18"	204° 56' 18"	324° 56' 18"
517	85° 6' 10"	205° 6' 10"	325° 6' 10"
518	85° 16' 3"	205° 16' 3"	325° 16' 3"
519	85° 25' 56"	205° 25' 56"	325° 25' 56"
520	85° 35' 48"	205° 35' 48"	325° 35' 48"
521	85° 45' 41"	205° 45' 41"	325° 45' 41"
522	85° 55' 33"	205° 55' 33"	325° 55' 33"
523	86° 5' 26"	206° 5' 26"	326° 5' 26"
524	86° 15' 19"	206° 15' 19"	326° 15' 19"
525	86° 25' 11"	206° 25' 11"	326° 25' 11"
526	86° 35' 4"	206° 35' 4"	326° 35' 4"
527	86° 44' 56"	206° 44' 56"	326° 44' 56"
528	86° 54' 49"	206° 54' 49"	326° 54' 49"
529	87° 4' 41"	207° 4' 41"	327° 4' 41"
530	87° 14' 34"	207° 14' 34"	327° 14' 34"
531	87° 24' 27"	207° 24' 27"	327° 24' 27"
532	87° 34' 19"	207° 34' 19"	327° 34' 19"
533	87° 44' 12"	207° 44' 12"	327° 44' 12"
534	87° 54' 4"	207° 54' 4"	327° 54' 4"
535	88° 3' 57"	208° 3' 57"	328° 3' 57"
536	88° 13' 50"	208° 13' 50"	328° 13' 50"
537	88° 23' 42"	208° 23' 42"	328° 23' 42"
538	88° 33' 35"	208° 33' 35"	328° 33' 35"
539	88° 43' 27"	208° 43' 27"	328° 43' 27"
540	88° 53' 20"	208° 53' 20"	328° 53' 20"
541	89° 3' 13"	209° 3' 13"	329° 3' 13"
542	89° 13' 5"	209° 13' 5"	329° 13' 5"
543	89° 22' 58"	209° 22' 58"	329° 22' 58"
544	89° 32' 50"	209° 32' 50"	329° 32' 50"
545	89° 42' 43"	209° 42' 43"	329° 42' 43"
546	89° 52' 36"	209° 52' 36"	329° 52' 36"
547	90° 2' 28"	210° 2' 28"	330° 2' 28"
548	90° 12' 21"	210° 12' 21"	330° 12' 21"
549	90° 22' 13"	210° 22' 13"	330° 22' 13"
550	90° 32' 6"	210° 32' 6"	330° 32' 6"
551	90° 41' 59"	210° 41' 59"	330° 41' 59"
552	90° 51' 51"	210° 51' 51"	330° 51' 51"
553	91° 1' 44"	211° 1' 44"	331° 1' 44"
554	91° 11' 36"	211° 11' 36"	331° 11' 36"
555	91° 21' 29"	211° 21' 29"	331° 21' 29"
556	91° 31' 21"	211° 31' 21"	331° 31' 21"
557	91° 41' 14"	211° 41' 14"	331° 41' 14"
558	91° 51' 7"	211° 51' 7"	331° 51' 7"
559	92° 0' 59"	212° 0' 59"	332° 0' 59"
560	92° 10' 52"	212° 10' 52"	332° 10' 52"
561	92° 20' 44"	212° 20' 44"	332° 20' 44"
562	92° 30' 37"	212° 30' 37"	332° 30' 37"
563	92° 40' 30"	212° 40' 30"	332° 40' 30"

564	92° 50' 22"	212° 50' 22"	332° 50' 22"
565	93° 0' 15"	213° 0' 15"	333° 0' 15"
566	93° 10' 7"	213° 10' 7"	333° 10' 7"
567	93° 19' 60"	213° 19' 60"	333° 19' 60"
568	93° 29' 53"	213° 29' 53"	333° 29' 53"
569	93° 39' 45"	213° 39' 45"	333° 39' 45"
570	93° 49' 38"	213° 49' 38"	333° 49' 38"
571	93° 59' 30"	213° 59' 30"	333° 59' 30"
572	94° 9' 23"	214° 9' 23"	334° 9' 23"
573	94° 19' 16"	214° 19' 16"	334° 19' 16"
574	94° 29' 8"	214° 29' 8"	334° 29' 8"
575	94° 39' 1"	214° 39' 1"	334° 39' 1"
576	94° 48' 53"	214° 48' 53"	334° 48' 53"
577	94° 58' 46"	214° 58' 46"	334° 58' 46"
578	95° 8' 39"	215° 8' 39"	335° 8' 39"
579	95° 18' 31"	215° 18' 31"	335° 18' 31"
580	95° 28' 24"	215° 28' 24"	335° 28' 24"
581	95° 38' 16"	215° 38' 16"	335° 38' 16"
582	95° 48' 9"	215° 48' 9"	335° 48' 9"
583	95° 58' 1"	215° 58' 1"	335° 58' 1"
584	96° 7' 54"	216° 7' 54"	336° 7' 54"
585	96° 17' 47"	216° 17' 47"	336° 17' 47"
586	96° 27' 39"	216° 27' 39"	336° 27' 39"
587	96° 37' 32"	216° 37' 32"	336° 37' 32"
588	96° 47' 24"	216° 47' 24"	336° 47' 24"
589	96° 57' 17"	216° 57' 17"	336° 57' 17"
590	97° 7' 10"	217° 7' 10"	337° 7' 10"
591	97° 17' 2"	217° 17' 2"	337° 17' 2"
592	97° 26' 55"	217° 26' 55"	337° 26' 55"
593	97° 36' 47"	217° 36' 47"	337° 36' 47"
594	97° 46' 40"	217° 46' 40"	337° 46' 40"
595	97° 56' 33"	217° 56' 33"	337° 56' 33"
596	98° 6' 25"	218° 6' 25"	338° 6' 25"
597	98° 16' 18"	218° 16' 18"	338° 16' 18"
598	98° 26' 10"	218° 26' 10"	338° 26' 10"
599	98° 36' 3"	218° 36' 3"	338° 36' 3"
600	98° 45' 56"	218° 45' 56"	338° 45' 56"
601	98° 55' 48"	218° 55' 48"	338° 55' 48"
602	99° 5' 41"	219° 5' 41"	339° 5' 41"
603	99° 15' 33"	219° 15' 33"	339° 15' 33"
604	99° 25' 26"	219° 25' 26"	339° 25' 26"
605	99° 35' 19"	219° 35' 19"	339° 35' 19"
606	99° 45' 11"	219° 45' 11"	339° 45' 11"
607	99° 55' 4"	219° 55' 4"	339° 55' 4"
608	100° 4' 56"	220° 4' 56"	340° 4' 56"
609	100° 14' 49"	220° 14' 49"	340° 14' 49"
610	100° 24' 41"	220° 24' 41"	340° 24' 41"
611	100° 34' 34"	220° 34' 34"	340° 34' 34"
612	100° 44' 27"	220° 44' 27"	340° 44' 27"
613	100° 54' 19"	220° 54' 19"	340° 54' 19"

614	101° 4' 12"	221° 4' 12"	341° 4' 12"
615	101° 14' 4"	221° 14' 4"	341° 14' 4"
616	101° 23' 57"	221° 23' 57"	341° 23' 57"
617	101° 33' 50"	221° 33' 50"	341° 33' 50"
618	101° 43' 42"	221° 43' 42"	341° 43' 42"
619	101° 53' 35"	221° 53' 35"	341° 53' 35"
620	102° 3' 27"	222° 3' 27"	342° 3' 27"
621	102° 13' 20"	222° 13' 20"	342° 13' 20"
622	102° 23' 13"	222° 23' 13"	342° 23' 13"
623	102° 33' 5"	222° 33' 5"	342° 33' 5"
624	102° 42' 58"	222° 42' 58"	342° 42' 58"
625	102° 52' 50"	222° 52' 50"	342° 52' 50"
626	103° 2' 43"	223° 2' 43"	343° 2' 43"
627	103° 12' 36"	223° 12' 36"	343° 12' 36"
628	103° 22' 28"	223° 22' 28"	343° 22' 28"
629	103° 32' 21"	223° 32' 21"	343° 32' 21"
630	103° 42' 13"	223° 42' 13"	343° 42' 13"
631	103° 52' 6"	223° 52' 6"	343° 52' 6"
632	104° 1' 59"	224° 1' 59"	344° 1' 59"
633	104° 11' 51"	224° 11' 51"	344° 11' 51"
634	104° 21' 44"	224° 21' 44"	344° 21' 44"
635	104° 31' 36"	224° 31' 36"	344° 31' 36"
636	104° 41' 29"	224° 41' 29"	344° 41' 29"
637	104° 51' 21"	224° 51' 21"	344° 51' 21"
638	105° 1' 14"	225° 1' 14"	345° 1' 14"
639	105° 11' 7"	225° 11' 7"	345° 11' 7"
640	105° 20' 59"	225° 20' 59"	345° 20' 59"
641	105° 30' 52"	225° 30' 52"	345° 30' 52"
642	105° 40' 44"	225° 40' 44"	345° 40' 44"
643	105° 50' 37"	225° 50' 37"	345° 50' 37"
644	106° 0' 30"	226° 0' 30"	346° 0' 30"
645	106° 10' 22"	226° 10' 22"	346° 10' 22"
646	106° 20' 15"	226° 20' 15"	346° 20' 15"
647	106° 30' 7"	226° 30' 7"	346° 30' 7"
648	106° 39' 60"	226° 39' 60"	346° 39' 60"
649	106° 49' 53"	226° 49' 53"	346° 49' 53"
650	106° 59' 45"	226° 59' 45"	346° 59' 45"
651	107° 9' 38"	227° 9' 38"	347° 9' 38"
652	107° 19' 30"	227° 19' 30"	347° 19' 30"
653	107° 29' 23"	227° 29' 23"	347° 29' 23"
654	107° 39' 16"	227° 39' 16"	347° 39' 16"
655	107° 49' 8"	227° 49' 8"	347° 49' 8"
656	107° 59' 1"	227° 59' 1"	347° 59' 1"
657	108° 8' 53"	228° 8' 53"	348° 8' 53"
658	108° 18' 46"	228° 18' 46"	348° 18' 46"
659	108° 28' 39"	228° 28' 39"	348° 28' 39"
660	108° 38' 31"	228° 38' 31"	348° 38' 31"
661	108° 48' 24"	228° 48' 24"	348° 48' 24"
662	108° 58' 16"	228° 58' 16"	348° 58' 16"
663	109° 8' 9"	229° 8' 9"	349° 8' 9"

664	109° 18' 1"	229° 18' 1"	349° 18' 1"
665	109° 27' 54"	229° 27' 54"	349° 27' 54"
666	109° 37' 47"	229° 37' 47"	349° 37' 47"
667	109° 47' 39"	229° 47' 39"	349° 47' 39"
668	109° 57' 32"	229° 57' 32"	349° 57' 32"
669	110° 7' 24"	230° 7' 24"	350° 7' 24"
670	110° 17' 17"	230° 17' 17"	350° 17' 17"
671	110° 27' 10"	230° 27' 10"	350° 27' 10"
672	110° 37' 2"	230° 37' 2"	350° 37' 2"
673	110° 46' 55"	230° 46' 55"	350° 46' 55"
674	110° 56' 47"	230° 56' 47"	350° 56' 47"
675	111° 6' 40"	231° 6' 40"	351° 6' 40"
676	111° 16' 33"	231° 16' 33"	351° 16' 33"
677	111° 26' 25"	231° 26' 25"	351° 26' 25"
678	111° 36' 18"	231° 36' 18"	351° 36' 18"
679	111° 46' 10"	231° 46' 10"	351° 46' 10"
680	111° 56' 3"	231° 56' 3"	351° 56' 3"
681	112° 5' 56"	232° 5' 56"	352° 5' 56"
682	112° 15' 48"	232° 15' 48"	352° 15' 48"
683	112° 25' 41"	232° 25' 41"	352° 25' 41"
684	112° 35' 33"	232° 35' 33"	352° 35' 33"
685	112° 45' 26"	232° 45' 26"	352° 45' 26"
686	112° 55' 19"	232° 55' 19"	352° 55' 19"
687	113° 5' 11"	233° 5' 11"	353° 5' 11"
688	113° 15' 4"	233° 15' 4"	353° 15' 4"
689	113° 24' 56"	233° 24' 56"	353° 24' 56"
690	113° 34' 49"	233° 34' 49"	353° 34' 49"
691	113° 44' 41"	233° 44' 41"	353° 44' 41"
692	113° 54' 34"	233° 54' 34"	353° 54' 34"
693	114° 4' 27"	234° 4' 27"	354° 4' 27"
694	114° 14' 19"	234° 14' 19"	354° 14' 19"
695	114° 24' 12"	234° 24' 12"	354° 24' 12"
696	114° 34' 4"	234° 34' 4"	354° 34' 4"
697	114° 43' 57"	234° 43' 57"	354° 43' 57"
698	114° 53' 50"	234° 53' 50"	354° 53' 50"
699	115° 3' 42"	235° 3' 42"	355° 3' 42"
700	115° 13' 35"	235° 13' 35"	355° 13' 35"
701	115° 23' 27"	235° 23' 27"	355° 23' 27"
702	115° 33' 20"	235° 33' 20"	355° 33' 20"
703	115° 43' 13"	235° 43' 13"	355° 43' 13"
704	115° 53' 5"	235° 53' 5"	355° 53' 5"
705	116° 2' 58"	236° 2' 58"	356° 2' 58"
706	116° 12' 50"	236° 12' 50"	356° 12' 50"
707	116° 22' 43"	236° 22' 43"	356° 22' 43"
708	116° 32' 36"	236° 32' 36"	356° 32' 36"
709	116° 42' 28"	236° 42' 28"	356° 42' 28"
710	116° 52' 21"	236° 52' 21"	356° 52' 21"
711	117° 2' 13"	237° 2' 13"	357° 2' 13"
712	117° 12' 6"	237° 12' 6"	357° 12' 6"
713	117° 21' 59"	237° 21' 59"	357° 21' 59"

714	117° 31' 51"	237° 31' 51"	357° 31' 51"
715	117° 41' 44"	237° 41' 44"	357° 41' 44"
716	117° 51' 36"	237° 51' 36"	357° 51' 36"
717	118° 1' 29"	238° 1' 29"	358° 1' 29"
718	118° 11' 21"	238° 11' 21"	358° 11' 21"
719	118° 21' 14"	238° 21' 14"	358° 21' 14"
720	118° 31' 7"	238° 31' 7"	358° 31' 7"
721	118° 40' 59"	238° 40' 59"	358° 40' 59"
722	118° 50' 52"	238° 50' 52"	358° 50' 52"
723	119° 0' 44"	239° 0' 44"	359° 0' 44"
724	119° 10' 37"	239° 10' 37"	359° 10' 37"
725	119° 20' 30"	239° 20' 30"	359° 20' 30"
726	119° 30' 22"	239° 30' 22"	359° 30' 22"
727	119° 40' 15"	239° 40' 15"	359° 40' 15"
728	119° 50' 7"	239° 50' 7"	359° 50' 7"
729	119° 59' 60"	239° 59' 60"	359° 59' 60"
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