

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
1	2	11	2	11	-81.730, -5.711	-80.759, -5.711	-80.759, -4.744	-81.730, -4.744
2	2	11	12	21	-81.730, -4.636	-80.759, -4.636	-80.759, -3.667	-81.730, -3.667
3	2	11	22	31	-81.730, -3.560	-80.759, -3.560	-80.759, -2.590	-81.730, -2.590
4	2	11	32	41	-81.730, -2.482	-80.759, -2.482	-80.759, -1.511	-81.730, -1.511
5	2	11	42	51	-81.730, -1.403	-80.759, -1.403	-80.759, -0.432	-81.730, -0.432
6	2	11	52	61	-81.730, -0.324	-80.759, -0.324	-80.759, 0.648	-81.730, 0.648
7	2	11	62	71	-81.730, 0.756	-80.759, 0.756	-80.759, 1.727	-81.730, 1.727
8	2	11	72	81	-81.730, 1.835	-80.759, 1.835	-80.759, 2.805	-81.730, 2.805
9	2	11	82	91	-81.730, 2.913	-80.759, 2.913	-80.759, 3.883	-81.730, 3.883
10	2	11	92	101	-81.730, 3.990	-80.759, 3.990	-80.759, 4.959	-81.730, 4.959
11	2	11	102	111	-81.730, 5.066	-80.759, 5.066	-80.759, 6.033	-81.730, 6.033
12	2	11	112	121	-81.730, 6.141	-80.759, 6.141	-80.759, 7.106	-81.730, 7.106
13	2	11	122	131	-81.730, 7.213	-80.759, 7.213	-80.759, 8.175	-81.730, 8.175
14	2	11	132	141	-81.730, 8.282	-80.759, 8.282	-80.759, 9.242	-81.730, 9.242
15	2	11	142	151	-81.730, 9.349	-80.759, 9.349	-80.759, 10.306	-81.730, 10.306
16	2	11	152	161	-81.730, 10.412	-80.759, 10.412	-80.759, 11.366	-81.730, 11.366
17	2	11	162	171	-81.730, 11.472	-80.759, 11.472	-80.759, 12.422	-81.730, 12.422
18	2	11	172	180	-81.730, 12.527	-80.759, 12.527	0.000, 0.000	0.000, 0.000
19	12	21	2	11	-80.651, -5.711	-79.679, -5.711	-79.679, -4.744	-80.651, -4.744
20	12	21	12	21	-80.651, -4.636	-79.679, -4.636	-79.679, -3.667	-80.651, -3.667
21	12	21	22	31	-80.651, -3.560	-79.679, -3.560	-79.679, -2.590	-80.651, -2.590
22	12	21	32	41	-80.651, -2.482	-79.679, -2.482	-79.679, -1.511	-80.651, -1.511
23	12	21	42	51	-80.651, -1.403	-79.679, -1.403	-79.679, -0.432	-80.651, -0.432
24	12	21	52	61	-80.651, -0.324	-79.679, -0.324	-79.679, 0.648	-80.651, 0.648
25	12	21	62	71	-80.651, 0.756	-79.679, 0.756	-79.679, 1.727	-80.651, 1.727
26	12	21	72	81	-80.651, 1.835	-79.679, 1.835	-79.679, 2.805	-80.651, 2.805
27	12	21	82	91	-80.651, 2.913	-79.679, 2.913	-79.679, 3.883	-80.651, 3.883
28	12	21	92	101	-80.651, 3.990	-79.679, 3.990	-79.679, 4.959	-80.651, 4.959
29	12	21	102	111	-80.651, 5.066	-79.679, 5.066	-79.679, 6.033	-80.651, 6.033
30	12	21	112	121	-80.651, 6.141	-79.679, 6.141	-79.679, 7.106	-80.651, 7.106
31	12	21	122	131	-80.651, 7.213	-79.679, 7.213	-79.679, 8.175	-80.651, 8.175
32	12	21	132	141	-80.651, 8.282	-79.679, 8.282	-79.679, 9.242	-80.651, 9.242
33	12	21	142	151	-80.651, 9.349	-79.679, 9.349	-79.679, 10.306	-80.651, 10.306
34	12	21	152	161	-80.651, 10.412	-79.679, 10.412	-79.679, 11.366	-80.651, 11.366
35	12	21	162	171	-80.651, 11.472	-79.679, 11.472	-79.679, 12.422	-80.651, 12.422
36	12	21	172	180	-80.651, 12.527	-79.679, 12.527	0.000, 0.000	0.000, 0.000
37	22	31	2	11	-79.571, -5.711	-78.600, -5.711	-78.600, -4.744	-79.571, -4.744
38	22	31	12	21	-79.571, -4.636	-78.600, -4.636	-78.600, -3.667	-79.571, -3.667
39	22	31	22	31	-79.571, -3.560	-78.600, -3.560	-78.600, -2.590	-79.571, -2.590
40	22	31	32	41	-79.571, -2.482	-78.600, -2.482	-78.600, -1.511	-79.571, -1.511
41	22	31	42	51	-79.571, -1.403	-78.600, -1.403	-78.600, -0.432	-79.571, -0.432
42	22	31	52	61	-79.571, -0.324	-78.600, -0.324	-78.600, 0.648	-79.571, 0.648
43	22	31	62	71	-79.571, 0.756	-78.600, 0.756	-78.600, 1.727	-79.571, 1.727
44	22	31	72	81	-79.571, 1.835	-78.600, 1.835	-78.600, 2.805	-79.571, 2.805
45	22	31	82	91	-79.571, 2.913	-78.600, 2.913	-78.600, 3.883	-79.571, 3.883
46	22	31	92	101	-79.571, 3.990	-78.600, 3.990	-78.600, 4.959	-79.571, 4.959
47	22	31	102	111	-79.571, 5.066	-78.600, 5.066	-78.600, 6.033	-79.571, 6.033
48	22	31	112	121	-79.571, 6.141	-78.600, 6.141	-78.600, 7.106	-79.571, 7.106
49	22	31	122	131	-79.571, 7.213	-78.600, 7.213	-78.600, 8.175	-79.571, 8.175
50	22	31	132	141	-79.571, 8.282	-78.600, 8.282	-78.600, 9.242	-79.571, 9.242
51	22	31	142	151	-79.571, 9.349	-78.600, 9.349	-78.600, 10.306	-79.571, 10.306

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
52	22	31	152	161	-79.571, 10.412	-78.600, 10.412	-78.600, 11.366	-79.571, 11.366
53	22	31	162	171	-79.571, 11.472	-78.600, 11.472	-78.600, 12.422	-79.571, 12.422
54	22	31	172	180	-79.571, 12.527	-78.600, 12.527	0.000, 0.000	0.000, 0.000
55	32	41	2	11	-78.492, -5.711	-77.521, -5.711	-77.521, -4.744	-78.492, -4.744
56	32	41	12	21	-78.492, -4.636	-77.521, -4.636	-77.521, -3.667	-78.492, -3.667
57	32	41	22	31	-78.492, -3.560	-77.521, -3.560	-77.521, -2.590	-78.492, -2.590
58	32	41	32	41	-78.492, -2.482	-77.521, -2.482	-77.521, -1.511	-78.492, -1.511
59	32	41	42	51	-78.492, -1.403	-77.521, -1.403	-77.521, -0.432	-78.492, -0.432
60	32	41	52	61	-78.492, -0.324	-77.521, -0.324	-77.521, 0.648	-78.492, 0.648
61	32	41	62	71	-78.492, 0.756	-77.521, 0.756	-77.521, 1.727	-78.492, 1.727
62	32	41	72	81	-78.492, 1.835	-77.521, 1.835	-77.521, 2.805	-78.492, 2.805
63	32	41	82	91	-78.492, 2.913	-77.521, 2.913	-77.521, 3.883	-78.492, 3.883
64	32	41	92	101	-78.492, 3.990	-77.521, 3.990	-77.521, 4.959	-78.492, 4.959
65	32	41	102	111	-78.492, 5.066	-77.521, 5.066	-77.521, 6.033	-78.492, 6.033
66	32	41	112	121	-78.492, 6.141	-77.521, 6.141	-77.521, 7.106	-78.492, 7.106
67	32	41	122	131	-78.492, 7.213	-77.521, 7.213	-77.521, 8.175	-78.492, 8.175
68	32	41	132	141	-78.492, 8.282	-77.521, 8.282	-77.521, 9.242	-78.492, 9.242
69	32	41	142	151	-78.492, 9.349	-77.521, 9.349	-77.521, 10.306	-78.492, 10.306
70	32	41	152	161	-78.492, 10.412	-77.521, 10.412	-77.521, 11.366	-78.492, 11.366
71	32	41	162	171	-78.492, 11.472	-77.521, 11.472	-77.521, 12.422	-78.492, 12.422
72	32	41	172	180	-78.492, 12.527	-77.521, 12.527	0.000, 0.000	0.000, 0.000
73	42	51	2	11	-77.413, -5.711	-76.441, -5.711	-76.441, -4.744	-77.413, -4.744
74	42	51	12	21	-77.413, -4.636	-76.441, -4.636	-76.441, -3.667	-77.413, -3.667
75	42	51	22	31	-77.413, -3.560	-76.441, -3.560	-76.441, -2.590	-77.413, -2.590
76	42	51	32	41	-77.413, -2.482	-76.441, -2.482	-76.441, -1.511	-77.413, -1.511
77	42	51	42	51	-77.413, -1.403	-76.441, -1.403	-76.441, -0.432	-77.413, -0.432
78	42	51	52	61	-77.413, -0.324	-76.441, -0.324	-76.441, 0.648	-77.413, 0.648
79	42	51	62	71	-77.413, 0.756	-76.441, 0.756	-76.441, 1.727	-77.413, 1.727
80	42	51	72	81	-77.413, 1.835	-76.441, 1.835	-76.441, 2.805	-77.413, 2.805
81	42	51	82	91	-77.413, 2.913	-76.441, 2.913	-76.441, 3.883	-77.413, 3.883
82	42	51	92	101	-77.413, 3.990	-76.441, 3.990	-76.441, 4.959	-77.413, 4.959
83	42	51	102	111	-77.413, 5.066	-76.441, 5.066	-76.441, 6.033	-77.413, 6.033
84	42	51	112	121	-77.413, 6.141	-76.441, 6.141	-76.441, 7.106	-77.413, 7.106
85	42	51	122	131	-77.413, 7.213	-76.441, 7.213	-76.441, 8.175	-77.413, 8.175
86	42	51	132	141	-77.413, 8.282	-76.441, 8.282	-76.441, 9.242	-77.413, 9.242
87	42	51	142	151	-77.413, 9.349	-76.441, 9.349	-76.441, 10.306	-77.413, 10.306
88	42	51	152	161	-77.413, 10.412	-76.441, 10.412	-76.441, 11.366	-77.413, 11.366
89	42	51	162	171	-77.413, 11.472	-76.441, 11.472	-76.441, 12.422	-77.413, 12.422
90	42	51	172	180	-77.413, 12.527	-76.441, 12.527	0.000, 0.000	0.000, 0.000
91	52	61	2	11	-76.333, -5.711	-75.362, -5.711	-75.362, -4.744	-76.333, -4.744
92	52	61	12	21	-76.333, -4.636	-75.362, -4.636	-75.362, -3.667	-76.333, -3.667
93	52	61	22	31	-76.333, -3.560	-75.362, -3.560	-75.362, -2.590	-76.333, -2.590
94	52	61	32	41	-76.333, -2.482	-75.362, -2.482	-75.362, -1.511	-76.333, -1.511
95	52	61	42	51	-76.333, -1.403	-75.362, -1.403	-75.362, -0.432	-76.333, -0.432
96	52	61	52	61	-76.333, -0.324	-75.362, -0.324	-75.362, 0.648	-76.333, 0.648
97	52	61	62	71	-76.333, 0.756	-75.362, 0.756	-75.362, 1.727	-76.333, 1.727
98	52	61	72	81	-76.333, 1.835	-75.362, 1.835	-75.362, 2.805	-76.333, 2.805
99	52	61	82	91	-76.333, 2.913	-75.362, 2.913	-75.362, 3.883	-76.333, 3.883
100	52	61	92	101	-76.333, 3.990	-75.362, 3.990	-75.362, 4.959	-76.333, 4.959
101	52	61	102	111	-76.333, 5.066	-75.362, 5.066	-75.362, 6.033	-76.333, 6.033
102	52	61	112	121	-76.333, 6.141	-75.362, 6.141	-75.362, 7.106	-76.333, 7.106

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
103	52	61	122	131	-76.333, 7.213	-75.362, 7.213	-75.362, 8.175	-76.333, 8.175
104	52	61	132	141	-76.333, 8.282	-75.362, 8.282	-75.362, 9.242	-76.333, 9.242
105	52	61	142	151	-76.333, 9.349	-75.362, 9.349	-75.362, 10.306	-76.333, 10.306
106	52	61	152	161	-76.333, 10.412	-75.362, 10.412	-75.362, 11.366	-76.333, 11.366
107	52	61	162	171	-76.333, 11.472	-75.362, 11.472	-75.362, 12.422	-76.333, 12.422
108	52	61	172	180	-76.333, 12.527	-75.362, 12.527	0.000, 0.000	0.000, 0.000
109	62	71	2	11	-75.254, -5.711	-74.283, -5.711	-74.283, -4.744	-75.254, -4.744
110	62	71	12	21	-75.254, -4.636	-74.283, -4.636	-74.283, -3.667	-75.254, -3.667
111	62	71	22	31	-75.254, -3.560	-74.283, -3.560	-74.283, -2.590	-75.254, -2.590
112	62	71	32	41	-75.254, -2.482	-74.283, -2.482	-74.283, -1.511	-75.254, -1.511
113	62	71	42	51	-75.254, -1.403	-74.283, -1.403	-74.283, -0.432	-75.254, -0.432
114	62	71	52	61	-75.254, -0.324	-74.283, -0.324	-74.283, 0.648	-75.254, 0.648
115	62	71	62	71	-75.254, 0.756	-74.283, 0.756	-74.283, 1.727	-75.254, 1.727
116	62	71	72	81	-75.254, 1.835	-74.283, 1.835	-74.283, 2.805	-75.254, 2.805
117	62	71	82	91	-75.254, 2.913	-74.283, 2.913	-74.283, 3.883	-75.254, 3.883
118	62	71	92	101	-75.254, 3.990	-74.283, 3.990	-74.283, 4.959	-75.254, 4.959
119	62	71	102	111	-75.254, 5.066	-74.283, 5.066	-74.283, 6.033	-75.254, 6.033
120	62	71	112	121	-75.254, 6.141	-74.283, 6.141	-74.283, 7.106	-75.254, 7.106
121	62	71	122	131	-75.254, 7.213	-74.283, 7.213	-74.283, 8.175	-75.254, 8.175
122	62	71	132	141	-75.254, 8.282	-74.283, 8.282	-74.283, 9.242	-75.254, 9.242
123	62	71	142	151	-75.254, 9.349	-74.283, 9.349	-74.283, 10.306	-75.254, 10.306
124	62	71	152	161	-75.254, 10.412	-74.283, 10.412	-74.283, 11.366	-75.254, 11.366
125	62	71	162	171	-75.254, 11.472	-74.283, 11.472	-74.283, 12.422	-75.254, 12.422
126	62	71	172	180	-75.254, 12.527	-74.283, 12.527	0.000, 0.000	0.000, 0.000
127	72	81	2	11	-74.175, -5.711	-73.203, -5.711	-73.203, -4.744	-74.175, -4.744
128	72	81	12	21	-74.175, -4.636	-73.203, -4.636	-73.203, -3.667	-74.175, -3.667
129	72	81	22	31	-74.175, -3.560	-73.203, -3.560	-73.203, -2.590	-74.175, -2.590
130	72	81	32	41	-74.175, -2.482	-73.203, -2.482	-73.203, -1.511	-74.175, -1.511
131	72	81	42	51	-74.175, -1.403	-73.203, -1.403	-73.203, -0.432	-74.175, -0.432
132	72	81	52	61	-74.175, -0.324	-73.203, -0.324	-73.203, 0.648	-74.175, 0.648
133	72	81	62	71	-74.175, 0.756	-73.203, 0.756	-73.203, 1.727	-74.175, 1.727
134	72	81	72	81	-74.175, 1.835	-73.203, 1.835	-73.203, 2.805	-74.175, 2.805
135	72	81	82	91	-74.175, 2.913	-73.203, 2.913	-73.203, 3.883	-74.175, 3.883
136	72	81	92	101	-74.175, 3.990	-73.203, 3.990	-73.203, 4.959	-74.175, 4.959
137	72	81	102	111	-74.175, 5.066	-73.203, 5.066	-73.203, 6.033	-74.175, 6.033
138	72	81	112	121	-74.175, 6.141	-73.203, 6.141	-73.203, 7.106	-74.175, 7.106
139	72	81	122	131	-74.175, 7.213	-73.203, 7.213	-73.203, 8.175	-74.175, 8.175
140	72	81	132	141	-74.175, 8.282	-73.203, 8.282	-73.203, 9.242	-74.175, 9.242
141	72	81	142	151	-74.175, 9.349	-73.203, 9.349	-73.203, 10.306	-74.175, 10.306
142	72	81	152	161	-74.175, 10.412	-73.203, 10.412	-73.203, 11.366	-74.175, 11.366
143	72	81	162	171	-74.175, 11.472	-73.203, 11.472	-73.203, 12.422	-74.175, 12.422
144	72	81	172	180	-74.175, 12.527	-73.203, 12.527	0.000, 0.000	0.000, 0.000
145	82	91	2	11	-73.095, -5.711	-72.124, -5.711	-72.124, -4.744	-73.095, -4.744
146	82	91	12	21	-73.095, -4.636	-72.124, -4.636	-72.124, -3.667	-73.095, -3.667
147	82	91	22	31	-73.095, -3.560	-72.124, -3.560	-72.124, -2.590	-73.095, -2.590
148	82	91	32	41	-73.095, -2.482	-72.124, -2.482	-72.124, -1.511	-73.095, -1.511
149	82	91	42	51	-73.095, -1.403	-72.124, -1.403	-72.124, -0.432	-73.095, -0.432
150	82	91	52	61	-73.095, -0.324	-72.124, -0.324	-72.124, 0.648	-73.095, 0.648
151	82	91	62	71	-73.095, 0.756	-72.124, 0.756	-72.124, 1.727	-73.095, 1.727
152	82	91	72	81	-73.095, 1.835	-72.124, 1.835	-72.124, 2.805	-73.095, 2.805
153	82	91	82	91	-73.095, 2.913	-72.124, 2.913	-72.124, 3.883	-73.095, 3.883

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
154	82	91	92	101	-73.095, 3.990	-72.124, 3.990	-72.124, 4.959	-73.095, 4.959
155	82	91	102	111	-73.095, 5.066	-72.124, 5.066	-72.124, 6.033	-73.095, 6.033
156	82	91	112	121	-73.095, 6.141	-72.124, 6.141	-72.124, 7.106	-73.095, 7.106
157	82	91	122	131	-73.095, 7.213	-72.124, 7.213	-72.124, 8.175	-73.095, 8.175
158	82	91	132	141	-73.095, 8.282	-72.124, 8.282	-72.124, 9.242	-73.095, 9.242
159	82	91	142	151	-73.095, 9.349	-72.124, 9.349	-72.124, 10.306	-73.095, 10.306
160	82	91	152	161	-73.095, 10.412	-72.124, 10.412	-72.124, 11.366	-73.095, 11.366
161	82	91	162	171	-73.095, 11.472	-72.124, 11.472	-72.124, 12.422	-73.095, 12.422
162	82	91	172	180	-73.095, 12.527	-72.124, 12.527	0.000, 0.000	0.000, 0.000
163	92	101	2	11	-72.016, -5.711	-71.044, -5.711	-71.044, -4.744	-72.016, -4.744
164	92	101	12	21	-72.016, -4.636	-71.044, -4.636	-71.044, -3.667	-72.016, -3.667
165	92	101	22	31	-72.016, -3.560	-71.044, -3.560	-71.044, -2.590	-72.016, -2.590
166	92	101	32	41	-72.016, -2.482	-71.044, -2.482	-71.044, -1.511	-72.016, -1.511
167	92	101	42	51	-72.016, -1.403	-71.044, -1.403	-71.044, -0.432	-72.016, -0.432
168	92	101	52	61	-72.016, -0.324	-71.044, -0.324	-71.044, 0.648	-72.016, 0.648
169	92	101	62	71	-72.016, 0.756	-71.044, 0.756	-71.044, 1.727	-72.016, 1.727
170	92	101	72	81	-72.016, 1.835	-71.044, 1.835	-71.044, 2.805	-72.016, 2.805
171	92	101	82	91	-72.016, 2.913	-71.044, 2.913	-71.044, 3.883	-72.016, 3.883
172	92	101	92	101	-72.016, 3.990	-71.044, 3.990	-71.044, 4.959	-72.016, 4.959
173	92	101	102	111	-72.016, 5.066	-71.044, 5.066	-71.044, 6.033	-72.016, 6.033
174	92	101	112	121	-72.016, 6.141	-71.044, 6.141	-71.044, 7.106	-72.016, 7.106
175	92	101	122	131	-72.016, 7.213	-71.044, 7.213	-71.044, 8.175	-72.016, 8.175
176	92	101	132	141	-72.016, 8.282	-71.044, 8.282	-71.044, 9.242	-72.016, 9.242
177	92	101	142	151	-72.016, 9.349	-71.044, 9.349	-71.044, 10.306	-72.016, 10.306
178	92	101	152	161	-72.016, 10.412	-71.044, 10.412	-71.044, 11.366	-72.016, 11.366
179	92	101	162	171	-72.016, 11.472	-71.044, 11.472	-71.044, 12.422	-72.016, 12.422
180	92	101	172	180	-72.016, 12.527	-71.044, 12.527	0.000, 0.000	0.000, 0.000
181	102	111	2	11	-70.937, -5.711	-69.965, -5.711	-69.965, -4.744	-70.937, -4.744
182	102	111	12	21	-70.937, -4.636	-69.965, -4.636	-69.965, -3.667	-70.937, -3.667
183	102	111	22	31	-70.937, -3.560	-69.965, -3.560	-69.965, -2.590	-70.937, -2.590
184	102	111	32	41	-70.937, -2.482	-69.965, -2.482	-69.965, -1.511	-70.937, -1.511
185	102	111	42	51	-70.937, -1.403	-69.965, -1.403	-69.965, -0.432	-70.937, -0.432
186	102	111	52	61	-70.937, -0.324	-69.965, -0.324	-69.965, 0.648	-70.937, 0.648
187	102	111	62	71	-70.937, 0.756	-69.965, 0.756	-69.965, 1.727	-70.937, 1.727
188	102	111	72	81	-70.937, 1.835	-69.965, 1.835	-69.965, 2.805	-70.937, 2.805
189	102	111	82	91	-70.937, 2.913	-69.965, 2.913	-69.965, 3.883	-70.937, 3.883
190	102	111	92	101	-70.937, 3.990	-69.965, 3.990	-69.965, 4.959	-70.937, 4.959
191	102	111	102	111	-70.937, 5.066	-69.965, 5.066	-69.965, 6.033	-70.937, 6.033
192	102	111	112	121	-70.937, 6.141	-69.965, 6.141	-69.965, 7.106	-70.937, 7.106
193	102	111	122	131	-70.937, 7.213	-69.965, 7.213	-69.965, 8.175	-70.937, 8.175
194	102	111	132	141	-70.937, 8.282	-69.965, 8.282	-69.965, 9.242	-70.937, 9.242
195	102	111	142	151	-70.937, 9.349	-69.965, 9.349	-69.965, 10.306	-70.937, 10.306
196	102	111	152	161	-70.937, 10.412	-69.965, 10.412	-69.965, 11.366	-70.937, 11.366
197	102	111	162	171	-70.937, 11.472	-69.965, 11.472	-69.965, 12.422	-70.937, 12.422
198	102	111	172	180	-70.937, 12.527	-69.965, 12.527	0.000, 0.000	0.000, 0.000
199	112	121	2	11	-69.857, -5.711	-68.886, -5.711	-68.886, -4.744	-69.857, -4.744
200	112	121	12	21	-69.857, -4.636	-68.886, -4.636	-68.886, -3.667	-69.857, -3.667
201	112	121	22	31	-69.857, -3.560	-68.886, -3.560	-68.886, -2.590	-69.857, -2.590
202	112	121	32	41	-69.857, -2.482	-68.886, -2.482	-68.886, -1.511	-69.857, -1.511
203	112	121	42	51	-69.857, -1.403	-68.886, -1.403	-68.886, -0.432	-69.857, -0.432
204	112	121	52	61	-69.857, -0.324	-68.886, -0.324	-68.886, 0.648	-69.857, 0.648

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
205	112	121	62	71	-69.857, 0.756	-68.886, 0.756	-68.886, 1.727	-69.857, 1.727
206	112	121	72	81	-69.857, 1.835	-68.886, 1.835	-68.886, 2.805	-69.857, 2.805
207	112	121	82	91	-69.857, 2.913	-68.886, 2.913	-68.886, 3.883	-69.857, 3.883
208	112	121	92	101	-69.857, 3.990	-68.886, 3.990	-68.886, 4.959	-69.857, 4.959
209	112	121	102	111	-69.857, 5.066	-68.886, 5.066	-68.886, 6.033	-69.857, 6.033
210	112	121	112	121	-69.857, 6.141	-68.886, 6.141	-68.886, 7.106	-69.857, 7.106
211	112	121	122	131	-69.857, 7.213	-68.886, 7.213	-68.886, 8.175	-69.857, 8.175
212	112	121	132	141	-69.857, 8.282	-68.886, 8.282	-68.886, 9.242	-69.857, 9.242
213	112	121	142	151	-69.857, 9.349	-68.886, 9.349	-68.886, 10.306	-69.857, 10.306
214	112	121	152	161	-69.857, 10.412	-68.886, 10.412	-68.886, 11.366	-69.857, 11.366
215	112	121	162	171	-69.857, 11.472	-68.886, 11.472	-68.886, 12.422	-69.857, 12.422
216	112	121	172	180	-69.857, 12.527	-68.886, 12.527	0.000, 0.000	0.000, 0.000
217	122	131	2	11	-68.778, -5.711	-67.806, -5.711	-67.806, -4.744	-68.778, -4.744
218	122	131	12	21	-68.778, -4.636	-67.806, -4.636	-67.806, -3.667	-68.778, -3.667
219	122	131	22	31	-68.778, -3.560	-67.806, -3.560	-67.806, -2.590	-68.778, -2.590
220	122	131	32	41	-68.778, -2.482	-67.806, -2.482	-67.806, -1.511	-68.778, -1.511
221	122	131	42	51	-68.778, -1.403	-67.806, -1.403	-67.806, -0.432	-68.778, -0.432
222	122	131	52	61	-68.778, -0.324	-67.806, -0.324	-67.806, 0.648	-68.778, 0.648
223	122	131	62	71	-68.778, 0.756	-67.806, 0.756	-67.806, 1.727	-68.778, 1.727
224	122	131	72	81	-68.778, 1.835	-67.806, 1.835	-67.806, 2.805	-68.778, 2.805
225	122	131	82	91	-68.778, 2.913	-67.806, 2.913	-67.806, 3.883	-68.778, 3.883
226	122	131	92	101	-68.778, 3.990	-67.806, 3.990	-67.806, 4.959	-68.778, 4.959
227	122	131	102	111	-68.778, 5.066	-67.806, 5.066	-67.806, 6.033	-68.778, 6.033
228	122	131	112	121	-68.778, 6.141	-67.806, 6.141	-67.806, 7.106	-68.778, 7.106
229	122	131	122	131	-68.778, 7.213	-67.806, 7.213	-67.806, 8.175	-68.778, 8.175
230	122	131	132	141	-68.778, 8.282	-67.806, 8.282	-67.806, 9.242	-68.778, 9.242
231	122	131	142	151	-68.778, 9.349	-67.806, 9.349	-67.806, 10.306	-68.778, 10.306
232	122	131	152	161	-68.778, 10.412	-67.806, 10.412	-67.806, 11.366	-68.778, 11.366
233	122	131	162	171	-68.778, 11.472	-67.806, 11.472	-67.806, 12.422	-68.778, 12.422
234	122	131	172	180	-68.778, 12.527	-67.806, 12.527	0.000, 0.000	0.000, 0.000
235	132	141	2	11	-67.698, -5.711	-66.727, -5.711	-66.727, -4.744	-67.698, -4.744
236	132	141	12	21	-67.698, -4.636	-66.727, -4.636	-66.727, -3.667	-67.698, -3.667
237	132	141	22	31	-67.698, -3.560	-66.727, -3.560	-66.727, -2.590	-67.698, -2.590
238	132	141	32	41	-67.698, -2.482	-66.727, -2.482	-66.727, -1.511	-67.698, -1.511
239	132	141	42	51	-67.698, -1.403	-66.727, -1.403	-66.727, -0.432	-67.698, -0.432
240	132	141	52	61	-67.698, -0.324	-66.727, -0.324	-66.727, 0.648	-67.698, 0.648
241	132	141	62	71	-67.698, 0.756	-66.727, 0.756	-66.727, 1.727	-67.698, 1.727
242	132	141	72	81	-67.698, 1.835	-66.727, 1.835	-66.727, 2.805	-67.698, 2.805
243	132	141	82	91	-67.698, 2.913	-66.727, 2.913	-66.727, 3.883	-67.698, 3.883
244	132	141	92	101	-67.698, 3.990	-66.727, 3.990	-66.727, 4.959	-67.698, 4.959
245	132	141	102	111	-67.698, 5.066	-66.727, 5.066	-66.727, 6.033	-67.698, 6.033
246	132	141	112	121	-67.698, 6.141	-66.727, 6.141	-66.727, 7.106	-67.698, 7.106
247	132	141	122	131	-67.698, 7.213	-66.727, 7.213	-66.727, 8.175	-67.698, 8.175
248	132	141	132	141	-67.698, 8.282	-66.727, 8.282	-66.727, 9.242	-67.698, 9.242
249	132	141	142	151	-67.698, 9.349	-66.727, 9.349	-66.727, 10.306	-67.698, 10.306
250	132	141	152	161	-67.698, 10.412	-66.727, 10.412	-66.727, 11.366	-67.698, 11.366
251	132	141	162	171	-67.698, 11.472	-66.727, 11.472	-66.727, 12.422	-67.698, 12.422
252	132	141	172	180	-67.698, 12.527	-66.727, 12.527	0.000, 0.000	0.000, 0.000
253	142	151	2	11	-66.619, -5.711	-65.648, -5.711	-65.648, -4.744	-66.619, -4.744
254	142	151	12	21	-66.619, -4.636	-65.648, -4.636	-65.648, -3.667	-66.619, -3.667
255	142	151	22	31	-66.619, -3.560	-65.648, -3.560	-65.648, -2.590	-66.619, -2.590

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
256	142	151	32	41	-66.619, -2.482	-65.648, -2.482	-65.648, -1.511	-66.619, -1.511
257	142	151	42	51	-66.619, -1.403	-65.648, -1.403	-65.648, -0.432	-66.619, -0.432
258	142	151	52	61	-66.619, -0.324	-65.648, -0.324	-65.648, 0.648	-66.619, 0.648
259	142	151	62	71	-66.619, 0.756	-65.648, 0.756	-65.648, 1.727	-66.619, 1.727
260	142	151	72	81	-66.619, 1.835	-65.648, 1.835	-65.648, 2.805	-66.619, 2.805
261	142	151	82	91	-66.619, 2.913	-65.648, 2.913	-65.648, 3.883	-66.619, 3.883
262	142	151	92	101	-66.619, 3.990	-65.648, 3.990	-65.648, 4.959	-66.619, 4.959
263	142	151	102	111	-66.619, 5.066	-65.648, 5.066	-65.648, 6.033	-66.619, 6.033
264	142	151	112	121	-66.619, 6.141	-65.648, 6.141	-65.648, 7.106	-66.619, 7.106
265	142	151	122	131	-66.619, 7.213	-65.648, 7.213	-65.648, 8.175	-66.619, 8.175
266	142	151	132	141	-66.619, 8.282	-65.648, 8.282	-65.648, 9.242	-66.619, 9.242
267	142	151	142	151	-66.619, 9.349	-65.648, 9.349	-65.648, 10.306	-66.619, 10.306
268	142	151	152	161	-66.619, 10.412	-65.648, 10.412	-65.648, 11.366	-66.619, 11.366
269	142	151	162	171	-66.619, 11.472	-65.648, 11.472	-65.648, 12.422	-66.619, 12.422
270	142	151	172	180	-66.619, 12.527	-65.648, 12.527	0.000, 0.000	0.000, 0.000
271	152	161	2	11	-65.540, -5.711	-64.568, -5.711	-64.568, -4.744	-65.540, -4.744
272	152	161	12	21	-65.540, -4.636	-64.568, -4.636	-64.568, -3.667	-65.540, -3.667
273	152	161	22	31	-65.540, -3.560	-64.568, -3.560	-64.568, -2.590	-65.540, -2.590
274	152	161	32	41	-65.540, -2.482	-64.568, -2.482	-64.568, -1.511	-65.540, -1.511
275	152	161	42	51	-65.540, -1.403	-64.568, -1.403	-64.568, -0.432	-65.540, -0.432
276	152	161	52	61	-65.540, -0.324	-64.568, -0.324	-64.568, 0.648	-65.540, 0.648
277	152	161	62	71	-65.540, 0.756	-64.568, 0.756	-64.568, 1.727	-65.540, 1.727
278	152	161	72	81	-65.540, 1.835	-64.568, 1.835	-64.568, 2.805	-65.540, 2.805
279	152	161	82	91	-65.540, 2.913	-64.568, 2.913	-64.568, 3.883	-65.540, 3.883
280	152	161	92	101	-65.540, 3.990	-64.568, 3.990	-64.568, 4.959	-65.540, 4.959
281	152	161	102	111	-65.540, 5.066	-64.568, 5.066	-64.568, 6.033	-65.540, 6.033
282	152	161	112	121	-65.540, 6.141	-64.568, 6.141	-64.568, 7.106	-65.540, 7.106
283	152	161	122	131	-65.540, 7.213	-64.568, 7.213	-64.568, 8.175	-65.540, 8.175
284	152	161	132	141	-65.540, 8.282	-64.568, 8.282	-64.568, 9.242	-65.540, 9.242
285	152	161	142	151	-65.540, 9.349	-64.568, 9.349	-64.568, 10.306	-65.540, 10.306
286	152	161	152	161	-65.540, 10.412	-64.568, 10.412	-64.568, 11.366	-65.540, 11.366
287	152	161	162	171	-65.540, 11.472	-64.568, 11.472	-64.568, 12.422	-65.540, 12.422
288	152	161	172	180	-65.540, 12.527	-64.568, 12.527	0.000, 0.000	0.000, 0.000
289	162	171	2	11	-64.460, -5.711	-63.489, -5.711	-63.489, -4.744	-64.460, -4.744
290	162	171	12	21	-64.460, -4.636	-63.489, -4.636	-63.489, -3.667	-64.460, -3.667
291	162	171	22	31	-64.460, -3.560	-63.489, -3.560	-63.489, -2.590	-64.460, -2.590
292	162	171	32	41	-64.460, -2.482	-63.489, -2.482	-63.489, -1.511	-64.460, -1.511
293	162	171	42	51	-64.460, -1.403	-63.489, -1.403	-63.489, -0.432	-64.460, -0.432
294	162	171	52	61	-64.460, -0.324	-63.489, -0.324	-63.489, 0.648	-64.460, 0.648
295	162	171	62	71	-64.460, 0.756	-63.489, 0.756	-63.489, 1.727	-64.460, 1.727
296	162	171	72	81	-64.460, 1.835	-63.489, 1.835	-63.489, 2.805	-64.460, 2.805
297	162	171	82	91	-64.460, 2.913	-63.489, 2.913	-63.489, 3.883	-64.460, 3.883
298	162	171	92	101	-64.460, 3.990	-63.489, 3.990	-63.489, 4.959	-64.460, 4.959
299	162	171	102	111	-64.460, 5.066	-63.489, 5.066	-63.489, 6.033	-64.460, 6.033
300	162	171	112	121	-64.460, 6.141	-63.489, 6.141	-63.489, 7.106	-64.460, 7.106
301	162	171	122	131	-64.460, 7.213	-63.489, 7.213	-63.489, 8.175	-64.460, 8.175
302	162	171	132	141	-64.460, 8.282	-63.489, 8.282	-63.489, 9.242	-64.460, 9.242
303	162	171	142	151	-64.460, 9.349	-63.489, 9.349	-63.489, 10.306	-64.460, 10.306
304	162	171	152	161	-64.460, 10.412	-63.489, 10.412	-63.489, 11.366	-64.460, 11.366
305	162	171	162	171	-64.460, 11.472	-63.489, 11.472	-63.489, 12.422	-64.460, 12.422
306	162	171	172	180	-64.460, 12.527	-63.489, 12.527	0.000, 0.000	0.000, 0.000

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
307	172	181	2	11	-63.381, -5.711	-62.410, -5.711	-62.410, -4.744	-63.381, -4.744
308	172	181	12	21	-63.381, -4.636	-62.410, -4.636	-62.410, -3.667	-63.381, -3.667
309	172	181	22	31	-63.381, -3.560	-62.410, -3.560	-62.410, -2.590	-63.381, -2.590
310	172	181	32	41	-63.381, -2.482	-62.410, -2.482	-62.410, -1.511	-63.381, -1.511
311	172	181	42	51	-63.381, -1.403	-62.410, -1.403	-62.410, -0.432	-63.381, -0.432
312	172	181	52	61	-63.381, -0.324	-62.410, -0.324	-62.410, 0.648	-63.381, 0.648
313	172	181	62	71	-63.381, 0.756	-62.410, 0.756	-62.410, 1.727	-63.381, 1.727
314	172	181	72	81	-63.381, 1.835	-62.410, 1.835	-62.410, 2.805	-63.381, 2.805
315	172	181	82	91	-63.381, 2.913	-62.410, 2.913	-62.410, 3.883	-63.381, 3.883
316	172	181	92	101	-63.381, 3.990	-62.410, 3.990	-62.410, 4.959	-63.381, 4.959
317	172	181	102	111	-63.381, 5.066	-62.410, 5.066	-62.410, 6.033	-63.381, 6.033
318	172	181	112	121	-63.381, 6.141	-62.410, 6.141	-62.410, 7.106	-63.381, 7.106
319	172	181	122	131	-63.381, 7.213	-62.410, 7.213	-62.410, 8.175	-63.381, 8.175
320	172	181	132	141	-63.381, 8.282	-62.410, 8.282	-62.410, 9.242	-63.381, 9.242
321	172	181	142	151	-63.381, 9.349	-62.410, 9.349	-62.410, 10.306	-63.381, 10.306
322	172	181	152	161	-63.381, 10.412	-62.410, 10.412	-62.410, 11.366	-63.381, 11.366
323	172	181	162	171	-63.381, 11.472	-62.410, 11.472	-62.410, 12.422	-63.381, 12.422
324	172	181	172	180	-63.381, 12.527	-62.410, 12.527	0.000, 0.000	0.000, 0.000
325	182	191	2	11	-62.302, -5.711	-61.330, -5.711	-61.330, -4.744	-62.302, -4.744
326	182	191	12	21	-62.302, -4.636	-61.330, -4.636	-61.330, -3.667	-62.302, -3.667
327	182	191	22	31	-62.302, -3.560	-61.330, -3.560	-61.330, -2.590	-62.302, -2.590
328	182	191	32	41	-62.302, -2.482	-61.330, -2.482	-61.330, -1.511	-62.302, -1.511
329	182	191	42	51	-62.302, -1.403	-61.330, -1.403	-61.330, -0.432	-62.302, -0.432
330	182	191	52	61	-62.302, -0.324	-61.330, -0.324	-61.330, 0.648	-62.302, 0.648
331	182	191	62	71	-62.302, 0.756	-61.330, 0.756	-61.330, 1.727	-62.302, 1.727
332	182	191	72	81	-62.302, 1.835	-61.330, 1.835	-61.330, 2.805	-62.302, 2.805
333	182	191	82	91	-62.302, 2.913	-61.330, 2.913	-61.330, 3.883	-62.302, 3.883
334	182	191	92	101	-62.302, 3.990	-61.330, 3.990	-61.330, 4.959	-62.302, 4.959
335	182	191	102	111	-62.302, 5.066	-61.330, 5.066	-61.330, 6.033	-62.302, 6.033
336	182	191	112	121	-62.302, 6.141	-61.330, 6.141	-61.330, 7.106	-62.302, 7.106
337	182	191	122	131	-62.302, 7.213	-61.330, 7.213	-61.330, 8.175	-62.302, 8.175
338	182	191	132	141	-62.302, 8.282	-61.330, 8.282	-61.330, 9.242	-62.302, 9.242
339	182	191	142	151	-62.302, 9.349	-61.330, 9.349	-61.330, 10.306	-62.302, 10.306
340	182	191	152	161	-62.302, 10.412	-61.330, 10.412	-61.330, 11.366	-62.302, 11.366
341	182	191	162	171	-62.302, 11.472	-61.330, 11.472	-61.330, 12.422	-62.302, 12.422
342	182	191	172	180	-62.302, 12.527	-61.330, 12.527	0.000, 0.000	0.000, 0.000
343	192	201	2	11	-61.222, -5.711	-60.251, -5.711	-60.251, -4.744	-61.222, -4.744
344	192	201	12	21	-61.222, -4.636	-60.251, -4.636	-60.251, -3.667	-61.222, -3.667
345	192	201	22	31	-61.222, -3.560	-60.251, -3.560	-60.251, -2.590	-61.222, -2.590
346	192	201	32	41	-61.222, -2.482	-60.251, -2.482	-60.251, -1.511	-61.222, -1.511
347	192	201	42	51	-61.222, -1.403	-60.251, -1.403	-60.251, -0.432	-61.222, -0.432
348	192	201	52	61	-61.222, -0.324	-60.251, -0.324	-60.251, 0.648	-61.222, 0.648
349	192	201	62	71	-61.222, 0.756	-60.251, 0.756	-60.251, 1.727	-61.222, 1.727
350	192	201	72	81	-61.222, 1.835	-60.251, 1.835	-60.251, 2.805	-61.222, 2.805
351	192	201	82	91	-61.222, 2.913	-60.251, 2.913	-60.251, 3.883	-61.222, 3.883
352	192	201	92	101	-61.222, 3.990	-60.251, 3.990	-60.251, 4.959	-61.222, 4.959
353	192	201	102	111	-61.222, 5.066	-60.251, 5.066	-60.251, 6.033	-61.222, 6.033
354	192	201	112	121	-61.222, 6.141	-60.251, 6.141	-60.251, 7.106	-61.222, 7.106
355	192	201	122	131	-61.222, 7.213	-60.251, 7.213	-60.251, 8.175	-61.222, 8.175
356	192	201	132	141	-61.222, 8.282	-60.251, 8.282	-60.251, 9.242	-61.222, 9.242
357	192	201	142	151	-61.222, 9.349	-60.251, 9.349	-60.251, 10.306	-61.222, 10.306

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
358	192	201	152	161	-61.222, 10.412	-60.251, 10.412	-60.251, 11.366	-61.222, 11.366
359	192	201	162	171	-61.222, 11.472	-60.251, 11.472	-60.251, 12.422	-61.222, 12.422
360	192	201	172	180	-61.222, 12.527	-60.251, 12.527	0.000, 0.000	0.000, 0.000
361	202	211	2	11	-60.143, -5.711	-59.172, -5.711	-59.172, -4.744	-60.143, -4.744
362	202	211	12	21	-60.143, -4.636	-59.172, -4.636	-59.172, -3.667	-60.143, -3.667
363	202	211	22	31	-60.143, -3.560	-59.172, -3.560	-59.172, -2.590	-60.143, -2.590
364	202	211	32	41	-60.143, -2.482	-59.172, -2.482	-59.172, -1.511	-60.143, -1.511
365	202	211	42	51	-60.143, -1.403	-59.172, -1.403	-59.172, -0.432	-60.143, -0.432
366	202	211	52	61	-60.143, -0.324	-59.172, -0.324	-59.172, 0.648	-60.143, 0.648
367	202	211	62	71	-60.143, 0.756	-59.172, 0.756	-59.172, 1.727	-60.143, 1.727
368	202	211	72	81	-60.143, 1.835	-59.172, 1.835	-59.172, 2.805	-60.143, 2.805
369	202	211	82	91	-60.143, 2.913	-59.172, 2.913	-59.172, 3.883	-60.143, 3.883
370	202	211	92	101	-60.143, 3.990	-59.172, 3.990	-59.172, 4.959	-60.143, 4.959
371	202	211	102	111	-60.143, 5.066	-59.172, 5.066	-59.172, 6.033	-60.143, 6.033
372	202	211	112	121	-60.143, 6.141	-59.172, 6.141	-59.172, 7.106	-60.143, 7.106
373	202	211	122	131	-60.143, 7.213	-59.172, 7.213	-59.172, 8.175	-60.143, 8.175
374	202	211	132	141	-60.143, 8.282	-59.172, 8.282	-59.172, 9.242	-60.143, 9.242
375	202	211	142	151	-60.143, 9.349	-59.172, 9.349	-59.172, 10.306	-60.143, 10.306
376	202	211	152	161	-60.143, 10.412	-59.172, 10.412	-59.172, 11.366	-60.143, 11.366
377	202	211	162	171	-60.143, 11.472	-59.172, 11.472	-59.172, 12.422	-60.143, 12.422
378	202	211	172	180	-60.143, 12.527	-59.172, 12.527	0.000, 0.000	0.000, 0.000
379	212	221	2	11	-59.064, -5.711	-58.092, -5.711	-58.092, -4.744	-59.064, -4.744
380	212	221	12	21	-59.064, -4.636	-58.092, -4.636	-58.092, -3.667	-59.064, -3.667
381	212	221	22	31	-59.064, -3.560	-58.092, -3.560	-58.092, -2.590	-59.064, -2.590
382	212	221	32	41	-59.064, -2.482	-58.092, -2.482	-58.092, -1.511	-59.064, -1.511
383	212	221	42	51	-59.064, -1.403	-58.092, -1.403	-58.092, -0.432	-59.064, -0.432
384	212	221	52	61	-59.064, -0.324	-58.092, -0.324	-58.092, 0.648	-59.064, 0.648
385	212	221	62	71	-59.064, 0.756	-58.092, 0.756	-58.092, 1.727	-59.064, 1.727
386	212	221	72	81	-59.064, 1.835	-58.092, 1.835	-58.092, 2.805	-59.064, 2.805
387	212	221	82	91	-59.064, 2.913	-58.092, 2.913	-58.092, 3.883	-59.064, 3.883
388	212	221	92	101	-59.064, 3.990	-58.092, 3.990	-58.092, 4.959	-59.064, 4.959
389	212	221	102	111	-59.064, 5.066	-58.092, 5.066	-58.092, 6.033	-59.064, 6.033
390	212	221	112	121	-59.064, 6.141	-58.092, 6.141	-58.092, 7.106	-59.064, 7.106
391	212	221	122	131	-59.064, 7.213	-58.092, 7.213	-58.092, 8.175	-59.064, 8.175
392	212	221	132	141	-59.064, 8.282	-58.092, 8.282	-58.092, 9.242	-59.064, 9.242
393	212	221	142	151	-59.064, 9.349	-58.092, 9.349	-58.092, 10.306	-59.064, 10.306
394	212	221	152	161	-59.064, 10.412	-58.092, 10.412	-58.092, 11.366	-59.064, 11.366
395	212	221	162	171	-59.064, 11.472	-58.092, 11.472	-58.092, 12.422	-59.064, 12.422
396	212	221	172	180	-59.064, 12.527	-58.092, 12.527	0.000, 0.000	0.000, 0.000
397	222	231	2	11	-57.984, -5.711	-57.013, -5.711	-57.013, -4.744	-57.984, -4.744
398	222	231	12	21	-57.984, -4.636	-57.013, -4.636	-57.013, -3.667	-57.984, -3.667
399	222	231	22	31	-57.984, -3.560	-57.013, -3.560	-57.013, -2.590	-57.984, -2.590
400	222	231	32	41	-57.984, -2.482	-57.013, -2.482	-57.013, -1.511	-57.984, -1.511
401	222	231	42	51	-57.984, -1.403	-57.013, -1.403	-57.013, -0.432	-57.984, -0.432
402	222	231	52	61	-57.984, -0.324	-57.013, -0.324	-57.013, 0.648	-57.984, 0.648
403	222	231	62	71	-57.984, 0.756	-57.013, 0.756	-57.013, 1.727	-57.984, 1.727
404	222	231	72	81	-57.984, 1.835	-57.013, 1.835	-57.013, 2.805	-57.984, 2.805
405	222	231	82	91	-57.984, 2.913	-57.013, 2.913	-57.013, 3.883	-57.984, 3.883
406	222	231	92	101	-57.984, 3.990	-57.013, 3.990	-57.013, 4.959	-57.984, 4.959
407	222	231	102	111	-57.984, 5.066	-57.013, 5.066	-57.013, 6.033	-57.984, 6.033
408	222	231	112	121	-57.984, 6.141	-57.013, 6.141	-57.013, 7.106	-57.984, 7.106

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
409	222	231	122	131	-57.984, 7.213	-57.013, 7.213	-57.013, 8.175	-57.984, 8.175
410	222	231	132	141	-57.984, 8.282	-57.013, 8.282	-57.013, 9.242	-57.984, 9.242
411	222	231	142	151	-57.984, 9.349	-57.013, 9.349	-57.013, 10.306	-57.984, 10.306
412	222	231	152	161	-57.984, 10.412	-57.013, 10.412	-57.013, 11.366	-57.984, 11.366
413	222	231	162	171	-57.984, 11.472	-57.013, 11.472	-57.013, 12.422	-57.984, 12.422
414	222	231	172	180	-57.984, 12.527	-57.013, 12.527	0.000, 0.000	0.000, 0.000
415	232	241	2	11	-56.905, -5.711	-55.933, -5.711	-55.933, -4.744	-56.905, -4.744
416	232	241	12	21	-56.905, -4.636	-55.933, -4.636	-55.933, -3.667	-56.905, -3.667
417	232	241	22	31	-56.905, -3.560	-55.933, -3.560	-55.933, -2.590	-56.905, -2.590
418	232	241	32	41	-56.905, -2.482	-55.933, -2.482	-55.933, -1.511	-56.905, -1.511
419	232	241	42	51	-56.905, -1.403	-55.933, -1.403	-55.933, -0.432	-56.905, -0.432
420	232	241	52	61	-56.905, -0.324	-55.933, -0.324	-55.933, 0.648	-56.905, 0.648
421	232	241	62	71	-56.905, 0.756	-55.933, 0.756	-55.933, 1.727	-56.905, 1.727
422	232	241	72	81	-56.905, 1.835	-55.933, 1.835	-55.933, 2.805	-56.905, 2.805
423	232	241	82	91	-56.905, 2.913	-55.933, 2.913	-55.933, 3.883	-56.905, 3.883
424	232	241	92	101	-56.905, 3.990	-55.933, 3.990	-55.933, 4.959	-56.905, 4.959
425	232	241	102	111	-56.905, 5.066	-55.933, 5.066	-55.933, 6.033	-56.905, 6.033
426	232	241	112	121	-56.905, 6.141	-55.933, 6.141	-55.933, 7.106	-56.905, 7.106
427	232	241	122	131	-56.905, 7.213	-55.933, 7.213	-55.933, 8.175	-56.905, 8.175
428	232	241	132	141	-56.905, 8.282	-55.933, 8.282	-55.933, 9.242	-56.905, 9.242
429	232	241	142	151	-56.905, 9.349	-55.933, 9.349	-55.933, 10.306	-56.905, 10.306
430	232	241	152	161	-56.905, 10.412	-55.933, 10.412	-55.933, 11.366	-56.905, 11.366
431	232	241	162	171	-56.905, 11.472	-55.933, 11.472	-55.933, 12.422	-56.905, 12.422
432	232	241	172	180	-56.905, 12.527	-55.933, 12.527	0.000, 0.000	0.000, 0.000
433	242	251	2	11	-55.826, -5.711	-54.854, -5.711	-54.854, -4.744	-55.826, -4.744
434	242	251	12	21	-55.826, -4.636	-54.854, -4.636	-54.854, -3.667	-55.826, -3.667
435	242	251	22	31	-55.826, -3.560	-54.854, -3.560	-54.854, -2.590	-55.826, -2.590
436	242	251	32	41	-55.826, -2.482	-54.854, -2.482	-54.854, -1.511	-55.826, -1.511
437	242	251	42	51	-55.826, -1.403	-54.854, -1.403	-54.854, -0.432	-55.826, -0.432
438	242	251	52	61	-55.826, -0.324	-54.854, -0.324	-54.854, 0.648	-55.826, 0.648
439	242	251	62	71	-55.826, 0.756	-54.854, 0.756	-54.854, 1.727	-55.826, 1.727
440	242	251	72	81	-55.826, 1.835	-54.854, 1.835	-54.854, 2.805	-55.826, 2.805
441	242	251	82	91	-55.826, 2.913	-54.854, 2.913	-54.854, 3.883	-55.826, 3.883
442	242	251	92	101	-55.826, 3.990	-54.854, 3.990	-54.854, 4.959	-55.826, 4.959
443	242	251	102	111	-55.826, 5.066	-54.854, 5.066	-54.854, 6.033	-55.826, 6.033
444	242	251	112	121	-55.826, 6.141	-54.854, 6.141	-54.854, 7.106	-55.826, 7.106
445	242	251	122	131	-55.826, 7.213	-54.854, 7.213	-54.854, 8.175	-55.826, 8.175
446	242	251	132	141	-55.826, 8.282	-54.854, 8.282	-54.854, 9.242	-55.826, 9.242
447	242	251	142	151	-55.826, 9.349	-54.854, 9.349	-54.854, 10.306	-55.826, 10.306
448	242	251	152	161	-55.826, 10.412	-54.854, 10.412	-54.854, 11.366	-55.826, 11.366
449	242	251	162	171	-55.826, 11.472	-54.854, 11.472	-54.854, 12.422	-55.826, 12.422
450	242	251	172	180	-55.826, 12.527	-54.854, 12.527	0.000, 0.000	0.000, 0.000
451	252	261	2	11	-54.746, -5.711	-53.775, -5.711	-53.775, -4.744	-54.746, -4.744
452	252	261	12	21	-54.746, -4.636	-53.775, -4.636	-53.775, -3.667	-54.746, -3.667
453	252	261	22	31	-54.746, -3.560	-53.775, -3.560	-53.775, -2.590	-54.746, -2.590
454	252	261	32	41	-54.746, -2.482	-53.775, -2.482	-53.775, -1.511	-54.746, -1.511
455	252	261	42	51	-54.746, -1.403	-53.775, -1.403	-53.775, -0.432	-54.746, -0.432
456	252	261	52	61	-54.746, -0.324	-53.775, -0.324	-53.775, 0.648	-54.746, 0.648
457	252	261	62	71	-54.746, 0.756	-53.775, 0.756	-53.775, 1.727	-54.746, 1.727
458	252	261	72	81	-54.746, 1.835	-53.775, 1.835	-53.775, 2.805	-54.746, 2.805
459	252	261	82	91	-54.746, 2.913	-53.775, 2.913	-53.775, 3.883	-54.746, 3.883

## MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
460	252	261	92	101	-54.746, 3.990	-53.775, 3.990	-53.775, 4.959	-54.746, 4.959
461	252	261	102	111	-54.746, 5.066	-53.775, 5.066	-53.775, 6.033	-54.746, 6.033
462	252	261	112	121	-54.746, 6.141	-53.775, 6.141	-53.775, 7.106	-54.746, 7.106
463	252	261	122	131	-54.746, 7.213	-53.775, 7.213	-53.775, 8.175	-54.746, 8.175
464	252	261	132	141	-54.746, 8.282	-53.775, 8.282	-53.775, 9.242	-54.746, 9.242
465	252	261	142	151	-54.746, 9.349	-53.775, 9.349	-53.775, 10.306	-54.746, 10.306
466	252	261	152	161	-54.746, 10.412	-53.775, 10.412	-53.775, 11.366	-54.746, 11.366
467	252	261	162	171	-54.746, 11.472	-53.775, 11.472	-53.775, 12.422	-54.746, 12.422
468	252	261	172	180	-54.746, 12.527	-53.775, 12.527	0.000, 0.000	0.000, 0.000
469	262	271	2	11	-53.667, -5.711	-52.695, -5.711	-52.695, -4.744	-53.667, -4.744
470	262	271	12	21	-53.667, -4.636	-52.695, -4.636	-52.695, -3.667	-53.667, -3.667
471	262	271	22	31	-53.667, -3.560	-52.695, -3.560	-52.695, -2.590	-53.667, -2.590
472	262	271	32	41	-53.667, -2.482	-52.695, -2.482	-52.695, -1.511	-53.667, -1.511
473	262	271	42	51	-53.667, -1.403	-52.695, -1.403	-52.695, -0.432	-53.667, -0.432
474	262	271	52	61	-53.667, -0.324	-52.695, -0.324	-52.695, 0.648	-53.667, 0.648
475	262	271	62	71	-53.667, 0.756	-52.695, 0.756	-52.695, 1.727	-53.667, 1.727
476	262	271	72	81	-53.667, 1.835	-52.695, 1.835	-52.695, 2.805	-53.667, 2.805
477	262	271	82	91	-53.667, 2.913	-52.695, 2.913	-52.695, 3.883	-53.667, 3.883
478	262	271	92	101	-53.667, 3.990	-52.695, 3.990	-52.695, 4.959	-53.667, 4.959
479	262	271	102	111	-53.667, 5.066	-52.695, 5.066	-52.695, 6.033	-53.667, 6.033
480	262	271	112	121	-53.667, 6.141	-52.695, 6.141	-52.695, 7.106	-53.667, 7.106
481	262	271	122	131	-53.667, 7.213	-52.695, 7.213	-52.695, 8.175	-53.667, 8.175
482	262	271	132	141	-53.667, 8.282	-52.695, 8.282	-52.695, 9.242	-53.667, 9.242
483	262	271	142	151	-53.667, 9.349	-52.695, 9.349	-52.695, 10.306	-53.667, 10.306
484	262	271	152	161	-53.667, 10.412	-52.695, 10.412	-52.695, 11.366	-53.667, 11.366
485	262	271	162	171	-53.667, 11.472	-52.695, 11.472	-52.695, 12.422	-53.667, 12.422
486	262	271	172	180	-53.667, 12.527	-52.695, 12.527	0.000, 0.000	0.000, 0.000
487	272	281	2	11	-52.587, -5.711	-51.616, -5.711	-51.616, -4.744	-52.587, -4.744
488	272	281	12	21	-52.587, -4.636	-51.616, -4.636	-51.616, -3.667	-52.587, -3.667
489	272	281	22	31	-52.587, -3.560	-51.616, -3.560	-51.616, -2.590	-52.587, -2.590
490	272	281	32	41	-52.587, -2.482	-51.616, -2.482	-51.616, -1.511	-52.587, -1.511
491	272	281	42	51	-52.587, -1.403	-51.616, -1.403	-51.616, -0.432	-52.587, -0.432
492	272	281	52	61	-52.587, -0.324	-51.616, -0.324	-51.616, 0.648	-52.587, 0.648
493	272	281	62	71	-52.587, 0.756	-51.616, 0.756	-51.616, 1.727	-52.587, 1.727
494	272	281	72	81	-52.587, 1.835	-51.616, 1.835	-51.616, 2.805	-52.587, 2.805
495	272	281	82	91	-52.587, 2.913	-51.616, 2.913	-51.616, 3.883	-52.587, 3.883
496	272	281	92	101	-52.587, 3.990	-51.616, 3.990	-51.616, 4.959	-52.587, 4.959
497	272	281	102	111	-52.587, 5.066	-51.616, 5.066	-51.616, 6.033	-52.587, 6.033
498	272	281	112	121	-52.587, 6.141	-51.616, 6.141	-51.616, 7.106	-52.587, 7.106
499	272	281	122	131	-52.587, 7.213	-51.616, 7.213	-51.616, 8.175	-52.587, 8.175
500	272	281	132	141	-52.587, 8.282	-51.616, 8.282	-51.616, 9.242	-52.587, 9.242
501	272	281	142	151	-52.587, 9.349	-51.616, 9.349	-51.616, 10.306	-52.587, 10.306
502	272	281	152	161	-52.587, 10.412	-51.616, 10.412	-51.616, 11.366	-52.587, 11.366
503	272	281	162	171	-52.587, 11.472	-51.616, 11.472	-51.616, 12.422	-52.587, 12.422
504	272	281	172	180	-52.587, 12.527	-51.616, 12.527	0.000, 0.000	0.000, 0.000
505	282	288	2	11	-51.508, -5.711	-50.860, -5.711	-50.860, -4.744	-51.508, -4.744
506	282	288	12	21	-51.508, -4.636	-50.860, -4.636	-50.860, -3.667	-51.508, -3.667
507	282	288	22	31	-51.508, -3.560	-50.860, -3.560	-50.860, -2.590	-51.508, -2.590
508	282	288	32	41	-51.508, -2.482	-50.860, -2.482	-50.860, -1.511	-51.508, -1.511
509	282	288	42	51	-51.508, -1.403	-50.860, -1.403	-50.860, -0.432	-51.508, -0.432
510	282	288	52	61	-51.508, -0.324	-50.860, -0.324	-50.860, 0.648	-51.508, 0.648

### MM5 Data for South America - Area 1: Individual Tile Corner Coordinates

Tile #	I Range		J Range		Corner Longitude and Latitude			
	Beg	Ending	Beg	Ending	SW	SE	NE	NW
511	282	288	62	71	-51.508, 0.756	-50.860, 0.756	-50.860, 1.727	-51.508, 1.727
512	282	288	72	81	-51.508, 1.835	-50.860, 1.835	-50.860, 2.805	-51.508, 2.805
513	282	288	82	91	-51.508, 2.913	-50.860, 2.913	-50.860, 3.883	-51.508, 3.883
514	282	288	92	101	-51.508, 3.990	-50.860, 3.990	-50.860, 4.959	-51.508, 4.959
515	282	288	102	111	-51.508, 5.066	-50.860, 5.066	-50.860, 6.033	-51.508, 6.033
516	282	288	112	121	-51.508, 6.141	-50.860, 6.141	-50.860, 7.106	-51.508, 7.106
517	282	288	122	131	-51.508, 7.213	-50.860, 7.213	-50.860, 8.175	-51.508, 8.175
518	282	288	132	141	-51.508, 8.282	-50.860, 8.282	-50.860, 9.242	-51.508, 9.242
519	282	288	142	151	-51.508, 9.349	-50.860, 9.349	-50.860, 10.306	-51.508, 10.306
520	282	288	152	161	-51.508, 10.412	-50.860, 10.412	-50.860, 11.366	-51.508, 11.366
521	282	288	162	171	-51.508, 11.472	-50.860, 11.472	-50.860, 12.422	-51.508, 12.422
522	282	288	172	180	-51.508, 12.527	-50.860, 12.527	0.000, 0.000	0.000, 0.000