

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
1	2- 11	2- 11	14.529, 80.644	14.763, 81.698	15.787, 81.458	15.549, 80.395
2	2- 11	12- 21	15.549, 80.367	15.787, 81.432	16.842, 81.187	16.600, 80.112
3	2- 11	22- 31	16.600, 80.083	16.842, 81.159	17.903, 80.909	17.657, 79.823
4	2- 11	32- 41	17.657, 79.793	17.903, 80.881	18.969, 80.625	18.719, 79.527
5	2- 11	42- 51	18.719, 79.497	18.969, 80.596	20.040, 80.334	19.785, 79.224
6	2- 11	52- 61	19.785, 79.193	20.040, 80.304	21.114, 80.036	20.856, 78.914
7	2- 11	62- 71	20.856, 78.883	21.114, 80.006	22.193, 79.731	21.930, 78.597
8	2- 11	72- 81	21.930, 78.565	22.193, 79.700	23.276, 79.419	23.009, 78.272
9	2- 11	82- 91	23.009, 78.239	23.276, 79.387	24.362, 79.099	24.091, 77.939
10	2- 11	92- 101	24.091, 77.905	24.362, 79.067	25.451, 78.771	25.175, 77.598
11	2- 11	102- 111	25.175, 77.564	25.451, 78.738	26.542, 78.435	26.262, 77.249
12	2- 11	112- 121	26.262, 77.213	26.542, 78.401	27.636, 78.091	27.352, 76.891
13	2- 11	122- 131	27.352, 76.854	27.636, 78.056	28.732, 77.737	28.443, 76.523
14	2- 11	132- 141	28.443, 76.486	28.732, 77.702	29.828, 77.375	29.535, 76.146
15	2- 11	142- 151	29.535, 76.108	29.828, 77.338	30.926, 77.003	30.628, 75.760
16	2- 11	152- 161	30.628, 75.721	30.926, 76.965	32.024, 76.621	31.722, 75.363
17	2- 11	162- 171	31.722, 75.323	32.024, 76.582	33.123, 76.229	32.816, 74.956
18	2- 11	172- 181	32.816, 74.915	33.123, 76.189	34.221, 75.826	33.910, 74.538
19	2- 11	182- 191	33.910, 74.495	34.221, 75.786	35.318, 75.413	35.003, 74.108
20	2- 11	192- 201	35.003, 74.064	35.318, 75.371	36.414, 74.987	36.094, 73.666
21	2- 11	202- 211	36.094, 73.622	36.414, 74.944	37.508, 74.550	37.184, 73.213
22	2- 11	212- 221	37.184, 73.166	37.508, 74.506	38.600, 74.100	38.271, 72.746
23	2- 11	222- 231	38.271, 72.698	38.600, 74.054	39.689, 73.637	39.356, 72.266
24	2- 11	232- 241	39.356, 72.217	39.689, 73.590	40.775, 73.161	40.438, 71.772
25	2- 11	242- 251	40.438, 71.721	40.775, 73.112	41.857, 72.670	41.516, 71.263
26	2- 11	252- 261	41.516, 71.211	41.857, 72.620	42.936, 72.165	42.590, 70.739
27	2- 11	262- 271	42.590, 70.686	42.936, 72.113	44.009, 71.644	43.659, 70.200
28	2- 11	272- 281	43.659, 70.145	44.009, 71.591	45.078, 71.107	44.724, 69.643
29	2- 11	282- 291	44.724, 69.587	45.078, 71.052	46.141, 70.553	45.782, 69.070
30	2- 11	292- 301	45.782, 69.012	46.141, 70.497	47.198, 69.982	46.835, 68.479
31	2- 11	302- 311	46.835, 68.419	47.198, 69.924	48.248, 69.392	47.881, 67.869
32	2- 11	312- 321	47.881, 67.806	48.248, 69.332	49.292, 68.783	48.920, 67.239
33	2- 11	322- 331	48.920, 67.175	49.292, 68.721	50.327, 68.154	49.951, 66.588
34	2- 11	332- 339	49.951, 66.522	50.327, 68.090	51.083, 67.635	50.703, 66.052
35	12- 21	2- 11	14.788, 81.698	15.012, 82.784	16.040, 82.555	15.812, 81.458
36	12- 21	12- 21	15.812, 81.432	16.040, 82.529	17.100, 82.295	16.868, 81.187
37	12- 21	22- 31	16.868, 81.159	17.100, 82.269	18.165, 82.029	17.930, 80.909
38	12- 21	32- 41	17.930, 80.881	18.165, 82.002	19.236, 81.757	18.996, 80.625
39	12- 21	42- 51	18.996, 80.596	19.236, 81.730	20.311, 81.479	20.067, 80.334
40	12- 21	52- 61	20.067, 80.304	20.311, 81.451	21.390, 81.194	21.143, 80.036
41	12- 21	62- 71	21.143, 80.006	21.390, 81.165	22.474, 80.902	22.222, 79.731
42	12- 21	72- 81	22.222, 79.700	22.474, 80.872	23.561, 80.603	23.305, 79.419
43	12- 21	82- 91	23.305, 79.387	23.561, 80.573	24.652, 80.296	24.392, 79.099
44	12- 21	92- 101	24.392, 79.067	24.652, 80.265	25.745, 79.982	25.481, 78.771
45	12- 21	102- 111	25.481, 78.738	25.745, 79.951	26.841, 79.660	26.573, 78.435
46	12- 21	112- 121	26.573, 78.401	26.841, 79.628	27.939, 79.330	27.667, 78.091
47	12- 21	122- 131	27.667, 78.056	27.939, 79.297	29.039, 78.992	28.763, 77.737
48	12- 21	132- 141	28.763, 77.702	29.039, 78.957	30.141, 78.644	29.860, 77.375
49	12- 21	142- 151	29.860, 77.338	30.141, 78.609	31.243, 78.288	30.958, 77.003
50	12- 21	152- 161	30.958, 76.965	31.243, 78.251	32.346, 77.922	32.057, 76.621
51	12- 21	162- 171	32.057, 76.582	32.346, 77.884	33.449, 77.545	33.156, 76.229

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#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
52	12- 21	172- 181	33.156, 76.189	33.449, 77.507	34.552, 77.159	34.255, 75.826
53	12- 21	182- 191	34.255, 75.786	34.552, 77.120	35.654, 76.762	35.352, 75.413
54	12- 21	192- 201	35.352, 75.371	35.654, 76.722	36.754, 76.354	36.448, 74.987
55	12- 21	202- 211	36.448, 74.944	36.754, 76.312	37.853, 75.934	37.543, 74.550
56	12- 21	212- 221	37.543, 74.506	37.853, 75.891	38.950, 75.502	38.635, 74.100
57	12- 21	222- 231	38.635, 74.054	38.950, 75.458	40.044, 75.057	39.725, 73.637
58	12- 21	232- 241	39.725, 73.590	40.044, 75.012	41.134, 74.599	40.812, 73.161
59	12- 21	242- 251	40.812, 73.112	41.134, 74.553	42.221, 74.128	41.895, 72.670
60	12- 21	252- 261	41.895, 72.620	42.221, 74.080	43.304, 73.642	42.973, 72.165
61	12- 21	262- 271	42.973, 72.113	43.304, 73.593	44.383, 73.141	44.048, 71.644
62	12- 21	272- 281	44.048, 71.591	44.383, 73.090	45.456, 72.625	45.117, 71.107
63	12- 21	282- 291	45.117, 71.052	45.456, 72.572	46.524, 72.092	46.180, 70.553
64	12- 21	292- 301	46.180, 70.497	46.524, 72.038	47.585, 71.542	47.237, 69.982
65	12- 21	302- 311	47.237, 69.924	47.585, 71.486	48.640, 70.974	48.288, 69.392
66	12- 21	312- 321	48.288, 69.332	48.640, 70.916	49.688, 70.387	49.332, 68.783
67	12- 21	322- 331	49.332, 68.721	49.688, 70.327	50.728, 69.781	50.368, 68.154
68	12- 21	332- 339	50.368, 68.090	50.728, 69.719	51.487, 69.281	51.124, 67.635
69	22- 31	2- 11	15.036, 82.784	15.250, 83.876	16.282, 83.658	16.065, 82.555
70	22- 31	12- 21	16.065, 82.529	16.282, 83.633	17.346, 83.410	17.125, 82.295
71	22- 31	22- 31	17.125, 82.269	17.346, 83.385	18.416, 83.156	18.191, 82.029
72	22- 31	32- 41	18.191, 82.002	18.416, 83.130	19.490, 82.896	19.262, 81.757
73	22- 31	42- 51	19.262, 81.730	19.490, 82.870	20.570, 82.631	20.337, 81.479
74	22- 31	52- 61	20.337, 81.451	20.570, 82.604	21.653, 82.358	21.417, 81.194
75	22- 31	62- 71	21.417, 81.165	21.653, 82.331	22.741, 82.080	22.501, 80.902
76	22- 31	72- 81	22.501, 80.872	22.741, 82.051	23.833, 81.794	23.589, 80.603
77	22- 31	82- 91	23.589, 80.573	23.833, 81.765	24.928, 81.501	24.680, 80.296
78	22- 31	92- 101	24.680, 80.265	24.928, 81.472	26.026, 81.202	25.774, 79.982
79	22- 31	102- 111	25.774, 79.951	26.026, 81.171	27.126, 80.894	26.870, 79.660
80	22- 31	112- 121	26.870, 79.628	27.126, 80.863	28.229, 80.579	27.969, 79.330
81	22- 31	122- 131	27.969, 79.297	28.229, 80.547	29.333, 80.255	29.069, 78.992
82	22- 31	132- 141	29.069, 78.957	29.333, 80.222	30.439, 79.923	30.171, 78.644
83	22- 31	142- 151	30.171, 78.609	30.439, 79.889	31.546, 79.582	31.274, 78.288
84	22- 31	152- 161	31.274, 78.251	31.546, 79.547	32.653, 79.232	32.378, 77.922
85	22- 31	162- 171	32.378, 77.884	32.653, 79.196	33.761, 78.872	33.481, 77.545
86	22- 31	172- 181	33.481, 77.507	33.761, 78.836	34.868, 78.502	34.584, 77.159
87	22- 31	182- 191	34.584, 77.120	34.868, 78.465	35.974, 78.122	35.686, 76.762
88	22- 31	192- 201	35.686, 76.722	35.974, 78.084	37.079, 77.732	36.787, 76.354
89	22- 31	202- 211	36.787, 76.312	37.079, 77.692	38.183, 77.330	37.887, 75.934
90	22- 31	212- 221	37.887, 75.891	38.183, 77.289	39.284, 76.916	38.984, 75.502
91	22- 31	222- 231	38.984, 75.458	39.284, 76.874	40.382, 76.490	40.078, 75.057
92	22- 31	232- 241	40.078, 75.012	40.382, 76.447	41.477, 76.052	41.169, 74.599
93	22- 31	242- 251	41.169, 74.553	41.477, 76.007	42.569, 75.600	42.257, 74.128
94	22- 31	252- 261	42.257, 74.080	42.569, 75.554	43.656, 75.134	43.340, 73.642
95	22- 31	262- 271	43.340, 73.593	43.656, 75.087	44.739, 74.654	44.419, 73.141
96	22- 31	272- 281	44.419, 73.090	44.739, 74.605	45.817, 74.159	45.493, 72.625
97	22- 31	282- 291	45.493, 72.572	45.817, 74.108	46.889, 73.647	46.561, 72.092
98	22- 31	292- 301	46.561, 72.038	46.889, 73.595	47.955, 73.119	47.623, 71.542
99	22- 31	302- 311	47.623, 71.486	47.955, 73.066	49.014, 72.574	48.678, 70.974
100	22- 31	312- 321	48.678, 70.916	49.014, 72.519	50.066, 72.011	49.727, 70.387
101	22- 31	322- 331	49.727, 70.327	50.066, 71.953	51.111, 71.428	50.767, 69.781
102	22- 31	332- 339	50.767, 69.719	51.111, 71.368	51.874, 70.947	51.527, 69.281

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
103	32- 41	2- 11	15.273, 83.876	15.477, 84.974	16.513, 84.766	16.306, 83.658
104	32- 41	12- 21	16.306, 83.633	16.513, 84.743	17.581, 84.530	17.370, 83.410
105	32- 41	22- 31	17.370, 83.385	17.581, 84.506	18.654, 84.289	18.440, 83.156
106	32- 41	32- 41	18.440, 83.130	18.654, 84.264	19.733, 84.042	19.515, 82.896
107	32- 41	42- 51	19.515, 82.870	19.733, 84.016	20.816, 83.789	20.595, 82.631
108	32- 41	52- 61	20.595, 82.604	20.816, 83.763	21.904, 83.530	21.679, 82.358
109	32- 41	62- 71	21.679, 82.331	21.904, 83.503	22.996, 83.264	22.767, 82.080
110	32- 41	72- 81	22.767, 82.051	22.996, 83.237	24.092, 82.993	23.859, 81.794
111	32- 41	82- 91	23.859, 81.765	24.092, 82.965	25.191, 82.714	24.955, 81.501
112	32- 41	92- 101	24.955, 81.472	25.191, 82.686	26.293, 82.428	26.053, 81.202
113	32- 41	102- 111	26.053, 81.171	26.293, 82.399	27.397, 82.135	27.154, 80.894
114	32- 41	112- 121	27.154, 80.863	27.397, 82.106	28.504, 81.835	28.257, 80.579
115	32- 41	122- 131	28.257, 80.547	28.504, 81.804	29.613, 81.527	29.362, 80.255
116	32- 41	132- 141	29.362, 80.222	29.613, 81.495	30.723, 81.210	30.468, 79.923
117	32- 41	142- 151	30.468, 79.889	30.723, 81.178	31.834, 80.885	31.576, 79.582
118	32- 41	152- 161	31.576, 79.547	31.834, 80.852	32.946, 80.551	32.683, 79.232
119	32- 41	162- 171	32.683, 79.196	32.946, 80.518	34.058, 80.209	33.791, 78.872
120	32- 41	172- 181	33.791, 78.836	34.058, 80.174	35.169, 79.856	34.899, 78.502
121	32- 41	182- 191	34.899, 78.465	35.169, 79.820	36.279, 79.494	36.006, 78.122
122	32- 41	192- 201	36.006, 78.084	36.279, 79.457	37.389, 79.121	37.111, 77.732
123	32- 41	202- 211	37.111, 77.692	37.389, 79.083	38.496, 78.738	38.215, 77.330
124	32- 41	212- 221	38.215, 77.289	38.496, 78.699	39.602, 78.343	39.316, 76.916
125	32- 41	222- 231	39.316, 76.874	39.602, 78.303	40.704, 77.936	40.415, 76.490
126	32- 41	232- 241	40.415, 76.447	40.704, 77.895	41.804, 77.518	41.511, 76.052
127	32- 41	242- 251	41.511, 76.007	41.804, 77.475	42.899, 77.086	42.603, 75.600
128	32- 41	252- 261	42.603, 75.554	42.899, 77.042	43.991, 76.641	43.690, 75.134
129	32- 41	262- 271	43.690, 75.087	43.991, 76.596	45.078, 76.182	44.774, 74.654
130	32- 41	272- 281	44.774, 74.605	45.078, 76.135	46.160, 75.708	45.852, 74.159
131	32- 41	282- 291	45.852, 74.108	46.160, 75.660	47.236, 75.220	46.924, 73.647
132	32- 41	292- 301	46.924, 73.595	47.236, 75.170	48.306, 74.715	47.991, 73.119
133	32- 41	302- 311	47.991, 73.066	48.306, 74.663	49.370, 74.193	49.050, 72.574
134	32- 41	312- 321	49.050, 72.519	49.370, 74.140	50.426, 73.653	50.103, 72.011
135	32- 41	322- 331	50.103, 71.953	50.426, 73.598	51.475, 73.095	51.148, 71.428
136	32- 41	332- 339	51.148, 71.368	51.475, 73.038	52.242, 72.635	51.912, 70.947
137	42- 51	2- 11	15.499, 84.974	15.691, 86.076	16.731, 85.879	16.535, 84.766
138	42- 51	12- 21	16.535, 84.743	16.731, 85.857	17.803, 85.656	17.603, 84.530
139	42- 51	22- 31	17.603, 84.506	17.803, 85.633	18.880, 85.427	18.677, 84.289
140	42- 51	32- 41	18.677, 84.264	18.880, 85.404	19.963, 85.193	19.756, 84.042
141	42- 51	42- 51	19.756, 84.016	19.963, 85.169	21.050, 84.953	20.840, 83.789
142	42- 51	52- 61	20.840, 83.763	21.050, 84.928	22.142, 84.707	21.928, 83.530
143	42- 51	62- 71	21.928, 83.503	22.142, 84.682	23.237, 84.455	23.021, 83.264
144	42- 51	72- 81	23.021, 83.237	23.237, 84.430	24.337, 84.198	24.117, 82.993
145	42- 51	82- 91	24.117, 82.965	24.337, 84.171	25.440, 83.933	25.216, 82.714
146	42- 51	92- 101	25.216, 82.686	25.440, 83.906	26.546, 83.662	26.319, 82.428
147	42- 51	102- 111	26.319, 82.399	26.546, 83.635	27.655, 83.384	27.424, 82.135
148	42- 51	112- 121	27.424, 82.106	27.655, 83.356	28.766, 83.099	28.531, 81.835
149	42- 51	122- 131	28.531, 81.804	28.766, 83.070	29.878, 82.806	29.640, 81.527
150	42- 51	132- 141	29.640, 81.495	29.878, 82.777	30.993, 82.506	30.751, 81.210
151	42- 51	142- 151	30.751, 81.178	30.993, 82.476	32.108, 82.197	31.862, 80.885
152	42- 51	152- 161	31.862, 80.852	32.108, 82.166	33.223, 81.880	32.974, 80.551
153	42- 51	162- 171	32.974, 80.518	33.223, 81.848	34.339, 81.555	34.086, 80.209

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
154	42- 51	172- 181	34.086, 80.174	34.339, 81.522	35.454, 81.220	35.198, 79.856
155	42- 51	182- 191	35.198, 79.820	35.454, 81.186	36.569, 80.875	36.309, 79.494
156	42- 51	192- 201	36.309, 79.457	36.569, 80.840	37.682, 80.521	37.419, 79.121
157	42- 51	202- 211	37.419, 79.083	37.682, 80.485	38.794, 80.156	38.527, 78.738
158	42- 51	212- 221	38.527, 78.699	38.794, 80.119	39.903, 79.781	39.632, 78.343
159	42- 51	222- 231	39.632, 78.303	39.903, 79.743	41.010, 79.394	40.736, 77.936
160	42- 51	232- 241	40.736, 77.895	41.010, 79.355	42.113, 78.996	41.835, 77.518
161	42- 51	242- 251	41.835, 77.475	42.113, 78.956	43.213, 78.585	42.932, 77.086
162	42- 51	252- 261	42.932, 77.042	43.213, 78.544	44.309, 78.162	44.024, 76.641
163	42- 51	262- 271	44.024, 76.596	44.309, 78.119	45.400, 77.725	45.111, 76.182
164	42- 51	272- 281	45.111, 76.135	45.400, 77.680	46.486, 77.274	46.193, 75.708
165	42- 51	282- 291	46.193, 75.660	46.486, 77.228	47.566, 76.808	47.270, 75.220
166	42- 51	292- 301	47.270, 75.170	47.566, 76.760	48.640, 76.327	48.340, 74.715
167	42- 51	302- 311	48.340, 74.663	48.640, 76.278	49.708, 75.829	49.404, 74.193
168	42- 51	312- 321	49.404, 74.140	49.708, 75.778	50.768, 75.315	50.461, 73.653
169	42- 51	322- 331	50.461, 73.598	50.768, 75.262	51.821, 74.782	51.510, 73.095
170	42- 51	332- 339	51.510, 73.038	51.821, 74.728	52.591, 74.343	52.278, 72.635
171	52- 61	2- 11	15.712, 86.076	15.895, 87.184	16.938, 86.998	16.752, 85.879
172	52- 61	12- 21	16.752, 85.857	16.938, 86.977	18.013, 86.787	17.824, 85.656
173	52- 61	22- 31	17.824, 85.633	18.013, 86.765	19.094, 86.570	18.902, 85.427
174	52- 61	32- 41	18.902, 85.404	19.094, 86.549	20.180, 86.349	19.985, 85.193
175	52- 61	42- 51	19.985, 85.169	20.180, 86.327	21.271, 86.123	21.073, 84.953
176	52- 61	52- 61	21.073, 84.928	21.271, 86.100	22.366, 85.891	22.165, 84.707
177	52- 61	62- 71	22.165, 84.682	22.366, 85.867	23.466, 85.653	23.261, 84.455
178	52- 61	72- 81	23.261, 84.430	23.466, 85.629	24.569, 85.409	24.361, 84.198
179	52- 61	82- 91	24.361, 84.171	24.569, 85.384	25.676, 85.159	25.464, 83.933
180	52- 61	92- 101	25.464, 83.906	25.676, 85.134	26.786, 84.903	26.571, 83.662
181	52- 61	102- 111	26.571, 83.635	26.786, 84.877	27.898, 84.640	27.680, 83.384
182	52- 61	112- 121	27.680, 83.356	27.898, 84.614	29.013, 84.371	28.791, 83.099
183	52- 61	122- 131	28.791, 83.070	29.013, 84.343	30.129, 84.094	29.904, 82.806
184	52- 61	132- 141	29.904, 82.777	30.129, 84.066	31.247, 83.810	31.019, 82.506
185	52- 61	142- 151	31.019, 82.476	31.247, 83.781	32.366, 83.518	32.134, 82.197
186	52- 61	152- 161	32.134, 82.166	32.366, 83.488	33.486, 83.218	33.250, 81.880
187	52- 61	162- 171	33.250, 81.848	33.486, 83.188	34.605, 82.910	34.366, 81.555
188	52- 61	172- 181	34.366, 81.522	34.605, 82.879	35.724, 82.593	35.482, 81.220
189	52- 61	182- 191	35.482, 81.186	35.724, 82.561	36.843, 82.267	36.597, 80.875
190	52- 61	192- 201	36.597, 80.840	36.843, 82.234	37.960, 81.932	37.711, 80.521
191	52- 61	202- 211	37.711, 80.485	37.960, 81.897	39.075, 81.586	38.823, 80.156
192	52- 61	212- 221	38.823, 80.119	39.075, 81.551	40.188, 81.231	39.933, 79.781
193	52- 61	222- 231	39.933, 79.743	40.188, 81.195	41.299, 80.864	41.040, 79.394
194	52- 61	232- 241	41.040, 79.355	41.299, 80.827	42.406, 80.487	42.143, 78.996
195	52- 61	242- 251	42.143, 78.956	42.406, 80.448	43.510, 80.098	43.244, 78.585
196	52- 61	252- 261	43.244, 78.544	43.510, 80.058	44.609, 79.696	44.340, 78.162
197	52- 61	262- 271	44.340, 78.119	44.609, 79.655	45.704, 79.282	45.431, 77.725
198	52- 61	272- 281	45.431, 77.680	45.704, 79.239	46.794, 78.854	46.517, 77.274
199	52- 61	282- 291	46.517, 77.228	46.794, 78.810	47.878, 78.412	47.598, 76.808
200	52- 61	292- 301	47.598, 76.760	47.878, 78.367	48.955, 77.955	48.672, 76.327
201	52- 61	302- 311	48.672, 76.278	48.955, 77.908	50.027, 77.482	49.740, 75.829
202	52- 61	312- 321	49.740, 75.778	50.027, 77.434	51.091, 76.994	50.801, 75.315
203	52- 61	322- 331	50.801, 75.262	51.091, 76.944	52.147, 76.488	51.854, 74.782
204	52- 61	332- 339	51.854, 74.728	52.147, 76.436	52.921, 76.070	52.625, 74.343

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
205	62- 71	2- 11	15.914, 87.184	16.086, 88.296	17.132, 88.121	16.958, 86.998
206	62- 71	12- 21	16.958, 86.977	17.132, 88.101	18.211, 87.922	18.033, 86.787
207	62- 71	22- 31	18.033, 86.765	18.211, 87.902	19.295, 87.719	19.115, 86.570
208	62- 71	32- 41	19.115, 86.549	19.295, 87.699	20.385, 87.511	20.201, 86.349
209	62- 71	42- 51	20.201, 86.327	20.385, 87.490	21.479, 87.298	21.292, 86.123
210	62- 71	52- 61	21.292, 86.100	21.479, 87.276	22.578, 87.080	22.388, 85.891
211	62- 71	62- 71	22.388, 85.867	22.578, 87.058	23.681, 86.856	23.488, 85.653
212	62- 71	72- 81	23.488, 85.629	23.681, 86.833	24.788, 86.627	24.592, 85.409
213	62- 71	82- 91	24.592, 85.384	24.788, 86.604	25.898, 86.392	25.699, 85.159
214	62- 71	92- 101	25.699, 85.134	25.898, 86.368	27.011, 86.151	26.809, 84.903
215	62- 71	102- 111	26.809, 84.877	27.011, 86.126	28.127, 85.903	27.922, 84.640
216	62- 71	112- 121	27.922, 84.614	28.127, 85.878	29.245, 85.650	29.037, 84.371
217	62- 71	122- 131	29.037, 84.343	29.245, 85.624	30.365, 85.389	30.154, 84.094
218	62- 71	132- 141	30.154, 84.066	30.365, 85.363	31.487, 85.121	31.272, 83.810
219	62- 71	142- 151	31.272, 83.781	31.487, 85.094	32.609, 84.847	32.391, 83.518
220	62- 71	152- 161	32.391, 83.488	32.609, 84.819	33.732, 84.564	33.511, 83.218
221	62- 71	162- 171	33.511, 83.188	33.732, 84.536	34.856, 84.274	34.631, 82.910
222	62- 71	172- 181	34.631, 82.879	34.856, 84.244	35.978, 83.975	35.750, 82.593
223	62- 71	182- 191	35.750, 82.561	35.978, 83.945	37.100, 83.668	36.869, 82.267
224	62- 71	192- 201	36.869, 82.234	37.100, 83.637	38.221, 83.352	37.987, 81.932
225	62- 71	202- 211	37.987, 81.897	38.221, 83.320	39.340, 83.026	39.102, 81.586
226	62- 71	212- 221	39.102, 81.551	39.340, 82.993	40.457, 82.691	40.216, 81.231
227	62- 71	222- 231	40.216, 81.195	40.457, 82.657	41.571, 82.345	41.327, 80.864
228	62- 71	232- 241	41.327, 80.827	41.571, 82.310	42.682, 81.989	42.435, 80.487
229	62- 71	242- 251	42.435, 80.448	42.682, 81.953	43.789, 81.622	43.538, 80.098
230	62- 71	252- 261	43.538, 80.058	43.789, 81.585	44.892, 81.243	44.638, 79.696
231	62- 71	262- 271	44.638, 79.655	44.892, 81.204	45.990, 80.852	45.733, 79.282
232	62- 71	272- 281	45.733, 79.239	45.990, 80.812	47.084, 80.448	46.823, 78.854
233	62- 71	282- 291	46.823, 78.810	47.084, 80.407	48.171, 80.030	47.908, 78.412
234	62- 71	292- 301	47.908, 78.367	48.171, 79.988	49.253, 79.599	48.986, 77.955
235	62- 71	302- 311	48.986, 77.908	49.253, 79.555	50.327, 79.152	50.058, 77.482
236	62- 71	312- 321	50.058, 77.434	50.327, 79.107	51.395, 78.690	51.122, 76.994
237	62- 71	322- 331	51.122, 76.944	51.395, 78.643	52.455, 78.212	52.179, 76.488
238	62- 71	332- 339	52.179, 76.436	52.455, 78.163	53.232, 77.816	52.953, 76.070
239	72- 81	2- 11	16.104, 88.296	16.265, 89.412	17.314, 89.249	17.151, 88.121
240	72- 81	12- 21	17.151, 88.101	17.314, 89.230	18.396, 89.063	18.230, 87.922
241	72- 81	22- 31	18.230, 87.902	18.396, 89.044	19.484, 88.873	19.315, 87.719
242	72- 81	32- 41	19.315, 87.699	19.484, 88.854	20.576, 88.678	20.404, 87.511
243	72- 81	42- 51	20.404, 87.490	20.576, 88.658	21.674, 88.479	21.499, 87.298
244	72- 81	52- 61	21.499, 87.276	21.674, 88.458	22.776, 88.274	22.598, 87.080
245	72- 81	62- 71	22.598, 87.058	22.776, 88.254	23.882, 88.065	23.702, 86.856
246	72- 81	72- 81	23.702, 86.833	23.882, 88.044	24.992, 87.850	24.809, 86.627
247	72- 81	82- 91	24.809, 86.604	24.992, 87.829	26.106, 87.630	25.919, 86.392
248	72- 81	92- 101	25.919, 86.368	26.106, 87.608	27.223, 87.405	27.033, 86.151
249	72- 81	102- 111	27.033, 86.126	27.223, 87.382	28.342, 87.173	28.149, 85.903
250	72- 81	112- 121	28.149, 85.878	28.342, 87.149	29.463, 86.935	29.268, 85.650
251	72- 81	122- 131	29.268, 85.624	29.463, 86.911	30.587, 86.691	30.388, 85.389
252	72- 81	132- 141	30.388, 85.363	30.587, 86.666	31.712, 86.440	31.510, 85.121
253	72- 81	142- 151	31.510, 85.094	31.712, 86.415	32.838, 86.183	32.633, 84.847
254	72- 81	152- 161	32.633, 84.819	32.838, 86.157	33.964, 85.918	33.756, 84.564
255	72- 81	162- 171	33.756, 84.536	33.964, 85.891	35.090, 85.646	34.880, 84.274

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
256	72- 81	172- 181	34.880, 84.244	35.090, 85.618	36.217, 85.366	36.003, 83.975
257	72- 81	182- 191	36.003, 83.945	36.217, 85.338	37.342, 85.078	37.125, 83.668
258	72- 81	192- 201	37.125, 83.637	37.342, 85.049	38.466, 84.781	38.246, 83.352
259	72- 81	202- 211	38.246, 83.320	38.466, 84.751	39.588, 84.476	39.366, 83.026
260	72- 81	212- 221	39.366, 82.993	39.588, 84.445	40.709, 84.161	40.483, 82.691
261	72- 81	222- 231	40.483, 82.657	40.709, 84.130	41.826, 83.837	41.597, 82.345
262	72- 81	232- 241	41.597, 82.310	41.826, 83.804	42.940, 83.503	42.708, 81.989
263	72- 81	242- 251	42.708, 81.953	42.940, 83.469	44.051, 83.158	43.816, 81.622
264	72- 81	252- 261	43.816, 81.585	44.051, 83.123	45.157, 82.802	44.919, 81.243
265	72- 81	262- 271	44.919, 81.204	45.157, 82.766	46.259, 82.435	46.018, 80.852
266	72- 81	272- 281	46.018, 80.812	46.259, 82.397	47.355, 82.055	47.112, 80.448
267	72- 81	282- 291	47.112, 80.407	47.355, 82.017	48.446, 81.663	48.200, 80.030
268	72- 81	292- 301	48.200, 79.988	48.446, 81.623	49.531, 81.257	49.281, 79.599
269	72- 81	302- 311	49.281, 79.555	49.531, 81.216	50.609, 80.837	50.356, 79.152
270	72- 81	312- 321	50.356, 79.107	50.609, 80.795	51.680, 80.403	51.424, 78.690
271	72- 81	322- 331	51.424, 78.643	51.680, 80.358	52.744, 79.953	52.485, 78.212
272	72- 81	332- 339	52.485, 78.163	52.744, 79.907	53.524, 79.581	53.262, 77.816
273	82- 91	2- 11	16.282, 89.412	16.432, 90.533	17.484, 90.381	17.332, 89.249
274	82- 91	12- 21	17.332, 89.230	17.484, 90.364	18.569, 90.208	18.414, 89.063
275	82- 91	22- 31	18.414, 89.044	18.569, 90.190	19.660, 90.031	19.502, 88.873
276	82- 91	32- 41	19.502, 88.854	19.660, 90.013	20.755, 89.850	20.595, 88.678
277	82- 91	42- 51	20.595, 88.658	20.755, 89.831	21.856, 89.664	21.693, 88.479
278	82- 91	52- 61	21.693, 88.458	21.856, 89.645	22.961, 89.474	22.795, 88.274
279	82- 91	62- 71	22.795, 88.254	22.961, 89.455	24.070, 89.279	23.902, 88.065
280	82- 91	72- 81	23.902, 88.044	24.070, 89.259	25.183, 89.079	25.012, 87.850
281	82- 91	82- 91	25.012, 87.829	25.183, 89.059	26.300, 88.874	26.126, 87.630
282	82- 91	92- 101	26.126, 87.608	26.300, 88.854	27.420, 88.664	27.243, 87.405
283	82- 91	102- 111	27.243, 87.382	27.420, 88.643	28.542, 88.448	28.363, 87.173
284	82- 91	112- 121	28.363, 87.149	28.542, 88.427	29.667, 88.227	29.484, 86.935
285	82- 91	122- 131	29.484, 86.911	29.667, 88.205	30.793, 88.000	30.608, 86.691
286	82- 91	132- 141	30.608, 86.666	30.793, 87.977	31.921, 87.766	31.733, 86.440
287	82- 91	142- 151	31.733, 86.415	31.921, 87.742	33.050, 87.526	32.859, 86.183
288	82- 91	152- 161	32.859, 86.157	33.050, 87.502	34.180, 87.279	33.986, 85.918
289	82- 91	162- 171	33.986, 85.891	34.180, 87.254	35.309, 87.026	35.113, 85.646
290	82- 91	172- 181	35.113, 85.618	35.309, 87.000	36.439, 86.765	36.240, 85.366
291	82- 91	182- 191	36.240, 85.338	36.439, 86.738	37.567, 86.496	37.365, 85.078
292	82- 91	192- 201	37.365, 85.049	37.567, 86.469	38.695, 86.220	38.490, 84.781
293	82- 91	202- 211	38.490, 84.751	38.695, 86.192	39.820, 85.935	39.612, 84.476
294	82- 91	212- 221	39.612, 84.445	39.820, 85.906	40.943, 85.642	40.733, 84.161
295	82- 91	222- 231	40.733, 84.130	40.943, 85.612	42.064, 85.339	41.851, 83.837
296	82- 91	232- 241	41.851, 83.804	42.064, 85.308	43.181, 85.027	42.965, 83.503
297	82- 91	242- 251	42.965, 83.469	43.181, 84.995	44.295, 84.705	44.076, 83.158
298	82- 91	252- 261	44.076, 83.123	44.295, 84.673	45.404, 84.373	45.183, 82.802
299	82- 91	262- 271	45.183, 82.766	45.404, 84.339	46.509, 84.030	46.285, 82.435
300	82- 91	272- 281	46.285, 82.397	46.509, 83.995	47.609, 83.675	47.382, 82.055
301	82- 91	282- 291	47.382, 82.017	47.609, 83.639	48.703, 83.309	48.473, 81.663
302	82- 91	292- 301	48.473, 81.623	48.703, 83.272	49.791, 82.930	49.558, 81.257
303	82- 91	302- 311	49.558, 81.216	49.791, 82.891	50.872, 82.537	50.636, 80.837
304	82- 91	312- 321	50.636, 80.795	50.872, 82.497	51.946, 82.131	51.708, 80.403
305	82- 91	322- 331	51.708, 80.358	51.946, 82.090	53.013, 81.710	52.771, 79.953
306	82- 91	332- 339	52.771, 79.907	53.013, 81.667	53.796, 81.362	53.552, 79.581

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
307	92- 101	2- 11	16.448, 90.533	16.587, 91.657	17.642, 91.517	17.500, 90.381
308	92- 101	12- 21	17.500, 90.364	17.642, 91.501	18.729, 91.357	18.586, 90.208
309	92- 101	22- 31	18.586, 90.190	18.729, 91.341	19.823, 91.193	19.676, 90.031
310	92- 101	32- 41	19.676, 90.013	19.823, 91.177	20.921, 91.026	20.772, 89.850
311	92- 101	42- 51	20.772, 89.831	20.921, 91.009	22.024, 90.854	21.873, 89.664
312	92- 101	52- 61	21.873, 89.645	22.024, 90.837	23.132, 90.678	22.979, 89.474
313	92- 101	62- 71	22.979, 89.455	23.132, 90.661	24.244, 90.498	24.088, 89.279
314	92- 101	72- 81	24.088, 89.259	24.244, 90.480	25.360, 90.313	25.202, 89.079
315	92- 101	82- 91	25.202, 89.059	25.360, 90.295	26.480, 90.124	26.319, 88.874
316	92- 101	92- 101	26.319, 88.854	26.480, 90.105	27.603, 89.929	27.439, 88.664
317	92- 101	102- 111	27.439, 88.643	27.603, 89.910	28.728, 89.730	28.561, 88.448
318	92- 101	112- 121	28.561, 88.427	28.728, 89.710	29.855, 89.525	29.686, 88.227
319	92- 101	122- 131	29.686, 88.205	29.855, 89.504	30.985, 89.314	30.813, 88.000
320	92- 101	132- 141	30.813, 87.977	30.985, 89.293	32.116, 89.098	31.941, 87.766
321	92- 101	142- 151	31.941, 87.742	32.116, 89.076	33.247, 88.876	33.071, 87.526
322	92- 101	152- 161	33.071, 87.502	33.247, 88.854	34.380, 88.648	34.201, 87.279
323	92- 101	162- 171	34.201, 87.254	34.380, 88.625	35.512, 88.413	35.330, 87.026
324	92- 101	172- 181	35.330, 87.000	35.512, 88.389	36.645, 88.171	36.460, 86.765
325	92- 101	182- 191	36.460, 86.738	36.645, 88.147	37.776, 87.923	37.589, 86.496
326	92- 101	192- 201	37.589, 86.469	37.776, 87.897	38.906, 87.666	38.716, 86.220
327	92- 101	202- 211	38.716, 86.192	38.906, 87.640	40.035, 87.403	39.842, 85.935
328	92- 101	212- 221	39.842, 85.906	40.035, 87.376	41.161, 87.131	40.966, 85.642
329	92- 101	222- 231	40.966, 85.612	41.161, 87.103	42.284, 86.850	42.087, 85.339
330	92- 101	232- 241	42.087, 85.308	42.284, 86.822	43.405, 86.561	43.204, 85.027
331	92- 101	242- 251	43.204, 84.995	43.405, 86.532	44.521, 86.263	44.318, 84.705
332	92- 101	252- 261	44.318, 84.673	44.521, 86.233	45.634, 85.955	45.428, 84.373
333	92- 101	262- 271	45.428, 84.339	45.634, 85.923	46.741, 85.637	46.533, 84.030
334	92- 101	272- 281	46.533, 83.995	46.741, 85.604	47.844, 85.308	47.633, 83.675
335	92- 101	282- 291	47.633, 83.639	47.844, 85.274	48.941, 84.968	48.728, 83.309
336	92- 101	292- 301	48.728, 83.272	48.941, 84.933	50.032, 84.616	49.816, 82.930
337	92- 101	302- 311	49.816, 82.891	50.032, 84.580	51.116, 84.251	50.897, 82.537
338	92- 101	312- 321	50.897, 82.497	51.116, 84.214	52.193, 83.874	51.972, 82.131
339	92- 101	322- 331	51.972, 82.090	52.193, 83.835	53.262, 83.483	53.038, 81.710
340	92- 101	332- 339	53.038, 81.667	53.262, 83.443	54.048, 83.160	53.822, 81.362
341	102- 111	2- 11	16.602, 91.657	16.729, 92.785	17.787, 92.656	17.657, 91.517
342	102- 111	12- 21	17.657, 91.501	17.787, 92.642	18.877, 92.510	18.745, 91.357
343	102- 111	22- 31	18.745, 91.341	18.877, 92.495	19.973, 92.360	19.838, 91.193
344	102- 111	32- 41	19.838, 91.177	19.973, 92.345	21.074, 92.206	20.937, 91.026
345	102- 111	42- 51	20.937, 91.009	21.074, 92.190	22.180, 92.049	22.041, 90.854
346	102- 111	52- 61	22.041, 90.837	22.180, 92.033	23.290, 91.887	23.149, 90.678
347	102- 111	62- 71	23.149, 90.661	23.290, 91.871	24.405, 91.722	24.261, 90.498
348	102- 111	72- 81	24.261, 90.480	24.405, 91.705	25.523, 91.552	25.377, 90.313
349	102- 111	82- 91	25.377, 90.295	25.523, 91.535	26.646, 91.378	26.497, 90.124
350	102- 111	92- 101	26.497, 90.105	26.646, 91.361	27.771, 91.200	27.620, 89.929
351	102- 111	102- 111	27.620, 89.910	27.771, 91.182	28.899, 91.016	28.745, 89.730
352	102- 111	112- 121	28.745, 89.710	28.899, 90.998	30.029, 90.828	29.873, 89.525
353	102- 111	122- 131	29.873, 89.504	30.029, 90.809	31.161, 90.635	31.003, 89.314
354	102- 111	132- 141	31.003, 89.293	31.161, 90.615	32.294, 90.437	32.134, 89.098
355	102- 111	142- 151	32.134, 89.076	32.294, 90.416	33.429, 90.232	33.266, 88.876
356	102- 111	152- 161	33.266, 88.854	33.429, 90.212	34.564, 90.023	34.399, 88.648
357	102- 111	162- 171	34.399, 88.625	34.564, 90.001	35.699, 89.807	35.532, 88.413

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
358	102- 111	172- 181	35.532, 88.389	35.699, 89.785	36.834, 89.585	36.664, 88.171
359	102- 111	182- 191	36.664, 88.147	36.834, 89.562	37.968, 89.356	37.796, 87.923
360	102- 111	192- 201	37.796, 87.897	37.968, 89.333	39.101, 89.121	38.926, 87.666
361	102- 111	202- 211	38.926, 87.640	39.101, 89.097	40.232, 88.878	40.055, 87.403
362	102- 111	212- 221	40.055, 87.376	40.232, 88.854	41.361, 88.628	41.182, 87.131
363	102- 111	222- 231	41.182, 87.103	41.361, 88.603	42.487, 88.371	42.305, 86.850
364	102- 111	232- 241	42.305, 86.822	42.487, 88.344	43.610, 88.105	43.426, 86.561
365	102- 111	242- 251	43.426, 86.532	43.610, 88.078	44.730, 87.830	44.543, 86.263
366	102- 111	252- 261	44.543, 86.233	44.730, 87.802	45.845, 87.547	45.656, 85.955
367	102- 111	262- 271	45.656, 85.923	45.845, 87.518	46.955, 87.254	46.764, 85.637
368	102- 111	272- 281	46.764, 85.604	46.955, 87.224	48.060, 86.951	47.866, 85.308
369	102- 111	282- 291	47.866, 85.274	48.060, 86.920	49.160, 86.638	48.964, 84.968
370	102- 111	292- 301	48.964, 84.933	49.160, 86.606	50.253, 86.314	50.055, 84.616
371	102- 111	302- 311	50.055, 84.580	50.253, 86.281	51.340, 85.978	51.139, 84.251
372	102- 111	312- 321	51.139, 84.214	51.340, 85.944	52.420, 85.631	52.216, 83.874
373	102- 111	322- 331	52.216, 83.835	52.420, 85.595	53.492, 85.270	53.286, 83.483
374	102- 111	332- 339	53.286, 83.443	53.492, 85.233	54.281, 84.972	54.073, 83.160
375	112- 121	2- 11	16.743, 92.785	16.860, 93.917	17.919, 93.799	17.801, 92.656
376	112- 121	12- 21	17.801, 92.642	17.919, 93.786	19.012, 93.666	18.891, 92.510
377	112- 121	22- 31	18.891, 92.495	19.012, 93.653	20.110, 93.530	19.987, 92.360
378	112- 121	32- 41	19.987, 92.345	20.110, 93.516	21.213, 93.390	21.088, 92.206
379	112- 121	42- 51	21.088, 92.190	21.213, 93.376	22.321, 93.247	22.194, 92.049
380	112- 121	52- 61	22.194, 92.033	22.321, 93.232	23.434, 93.100	23.305, 91.887
381	112- 121	62- 71	23.305, 91.871	23.434, 93.085	24.551, 92.950	24.420, 91.722
382	112- 121	72- 81	24.420, 91.705	24.551, 92.934	25.672, 92.795	25.539, 91.552
383	112- 121	82- 91	25.539, 91.535	25.672, 92.780	26.797, 92.637	26.661, 91.378
384	112- 121	92- 101	26.661, 91.361	26.797, 92.621	27.924, 92.475	27.787, 91.200
385	112- 121	102- 111	27.787, 91.182	27.924, 92.458	29.055, 92.308	28.915, 91.016
386	112- 121	112- 121	28.915, 90.998	29.055, 92.291	30.187, 92.137	30.045, 90.828
387	112- 121	122- 131	30.045, 90.809	30.187, 92.119	31.322, 91.961	31.178, 90.635
388	112- 121	132- 141	31.178, 90.615	31.322, 91.943	32.458, 91.780	32.311, 90.437
389	112- 121	142- 151	32.311, 90.416	32.458, 91.762	33.595, 91.595	33.446, 90.232
390	112- 121	152- 161	33.446, 90.212	33.595, 91.576	34.732, 91.404	34.582, 90.023
391	112- 121	162- 171	34.582, 90.001	34.732, 91.384	35.870, 91.207	35.717, 89.807
392	112- 121	172- 181	35.717, 89.785	35.870, 91.187	37.007, 91.005	36.852, 89.585
393	112- 121	182- 191	36.852, 89.562	37.007, 90.984	38.144, 90.797	37.987, 89.356
394	112- 121	192- 201	37.987, 89.333	38.144, 90.776	39.279, 90.582	39.120, 89.121
395	112- 121	202- 211	39.120, 89.097	39.279, 90.561	40.413, 90.362	40.251, 88.878
396	112- 121	212- 221	40.251, 88.854	40.413, 90.339	41.544, 90.134	41.380, 88.628
397	112- 121	222- 231	41.380, 88.603	41.544, 90.111	42.673, 89.899	42.507, 88.371
398	112- 121	232- 241	42.507, 88.344	42.673, 89.875	43.798, 89.657	43.630, 88.105
399	112- 121	242- 251	43.630, 88.078	43.798, 89.632	44.920, 89.406	44.749, 87.830
400	112- 121	252- 261	44.749, 87.802	44.920, 89.381	46.037, 89.148	45.865, 87.547
401	112- 121	262- 271	45.865, 87.518	46.037, 89.122	47.150, 88.881	46.975, 87.254
402	112- 121	272- 281	46.975, 87.224	47.150, 88.854	48.258, 88.605	48.081, 86.951
403	112- 121	282- 291	48.081, 86.920	48.258, 88.577	49.360, 88.319	49.181, 86.638
404	112- 121	292- 301	49.181, 86.606	49.360, 88.290	50.456, 88.024	50.274, 86.314
405	112- 121	302- 311	50.274, 86.281	50.456, 87.993	51.545, 87.717	51.361, 85.978
406	112- 121	312- 321	51.361, 85.944	51.545, 87.686	52.627, 87.400	52.441, 85.631
407	112- 121	322- 331	52.441, 85.595	52.627, 87.368	53.701, 87.071	53.514, 85.270
408	112- 121	332- 339	53.514, 85.233	53.701, 87.037	54.493, 86.799	54.303, 84.972

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
409	122- 131	2- 11	16.872, 93.917	16.977, 95.051	18.039, 94.946	17.932, 93.799
410	122- 131	12- 21	17.932, 93.786	18.039, 94.934	19.133, 94.826	19.024, 93.666
411	122- 131	22- 31	19.024, 93.653	19.133, 94.814	20.234, 94.703	20.123, 93.530
412	122- 131	32- 41	20.123, 93.516	20.234, 94.691	21.339, 94.577	21.226, 93.390
413	122- 131	42- 51	21.226, 93.376	21.339, 94.565	22.449, 94.449	22.335, 93.247
414	122- 131	52- 61	22.335, 93.232	22.449, 94.435	23.564, 94.316	23.448, 93.100
415	122- 131	62- 71	23.448, 93.085	23.564, 94.303	24.684, 94.181	24.565, 92.950
416	122- 131	72- 81	24.565, 92.934	24.684, 94.167	25.807, 94.042	25.686, 92.795
417	122- 131	82- 91	25.686, 92.780	25.807, 94.028	26.933, 93.900	26.811, 92.637
418	122- 131	92- 101	26.811, 92.621	26.933, 93.886	28.063, 93.754	27.939, 92.475
419	122- 131	102- 111	27.939, 92.458	28.063, 93.739	29.196, 93.604	29.069, 92.308
420	122- 131	112- 121	29.069, 92.291	29.196, 93.589	30.331, 93.450	30.202, 92.137
421	122- 131	122- 131	30.202, 92.119	30.331, 93.434	31.467, 93.292	31.337, 91.961
422	122- 131	132- 141	31.337, 91.943	31.467, 93.276	32.605, 93.129	32.473, 91.780
423	122- 131	142- 151	32.473, 91.762	32.605, 93.112	33.745, 92.962	33.610, 91.595
424	122- 131	152- 161	33.610, 91.576	33.745, 92.945	34.884, 92.790	34.748, 91.404
425	122- 131	162- 171	34.748, 91.384	34.884, 92.772	36.024, 92.613	35.886, 91.207
426	122- 131	172- 181	35.886, 91.187	36.024, 92.595	37.164, 92.431	37.024, 91.005
427	122- 131	182- 191	37.024, 90.984	37.164, 92.413	38.303, 92.244	38.161, 90.797
428	122- 131	192- 201	38.161, 90.776	38.303, 92.225	39.440, 92.050	39.296, 90.582
429	122- 131	202- 211	39.296, 90.561	39.440, 92.031	40.576, 91.852	40.430, 90.362
430	122- 131	212- 221	40.430, 90.339	40.576, 91.831	41.710, 91.646	41.561, 90.134
431	122- 131	222- 231	41.561, 90.111	41.710, 91.626	42.840, 91.435	42.690, 89.899
432	122- 131	232- 241	42.690, 89.875	42.840, 91.413	43.968, 91.216	43.816, 89.657
433	122- 131	242- 251	43.816, 89.632	43.968, 91.194	45.092, 90.991	44.938, 89.406
434	122- 131	252- 261	44.938, 89.381	45.092, 90.968	46.212, 90.758	46.056, 89.148
435	122- 131	262- 271	46.056, 89.122	46.212, 90.734	47.327, 90.517	47.169, 88.881
436	122- 131	272- 281	47.169, 88.854	47.327, 90.493	48.437, 90.268	48.277, 88.605
437	122- 131	282- 291	48.277, 88.577	48.437, 90.243	49.541, 90.011	49.379, 88.319
438	122- 131	292- 301	49.379, 88.290	49.541, 89.984	50.639, 89.744	50.475, 88.024
439	122- 131	302- 311	50.475, 87.993	50.639, 89.717	51.730, 89.468	51.564, 87.717
440	122- 131	312- 321	51.564, 87.686	51.730, 89.439	52.814, 89.181	52.647, 87.400
441	122- 131	322- 331	52.647, 87.368	52.814, 89.152	53.891, 88.884	53.721, 87.071
442	122- 131	332- 339	53.721, 87.037	53.891, 88.854	54.685, 88.639	54.513, 86.799
443	132- 141	2- 11	16.988, 95.051	17.083, 96.188	18.146, 96.094	18.050, 94.946
444	132- 141	12- 21	18.050, 94.934	18.146, 96.084	19.242, 95.988	19.145, 94.826
445	132- 141	22- 31	19.145, 94.814	19.242, 95.977	20.344, 95.879	20.245, 94.703
446	132- 141	32- 41	20.245, 94.691	20.344, 95.868	21.452, 95.768	21.351, 94.577
447	132- 141	42- 51	21.351, 94.565	21.452, 95.756	22.564, 95.653	22.461, 94.449
448	132- 141	52- 61	22.461, 94.435	22.564, 95.642	23.681, 95.536	23.577, 94.316
449	132- 141	62- 71	23.577, 94.303	23.681, 95.524	24.802, 95.416	24.696, 94.181
450	132- 141	72- 81	24.696, 94.167	24.802, 95.404	25.927, 95.293	25.819, 94.042
451	132- 141	82- 91	25.819, 94.028	25.927, 95.281	27.056, 95.167	26.946, 93.900
452	132- 141	92- 101	26.946, 93.886	27.056, 95.154	28.187, 95.037	28.076, 93.754
453	132- 141	102- 111	28.076, 93.739	28.187, 95.024	29.322, 94.904	29.209, 93.604
454	132- 141	112- 121	29.209, 93.589	29.322, 94.890	30.459, 94.767	30.344, 93.450
455	132- 141	122- 131	30.344, 93.434	30.459, 94.753	31.597, 94.627	31.481, 93.292
456	132- 141	132- 141	31.481, 93.276	31.597, 94.612	32.737, 94.482	32.619, 93.129
457	132- 141	142- 151	32.619, 93.112	32.737, 94.468	33.879, 94.334	33.759, 92.962
458	132- 141	152- 161	33.759, 92.945	33.879, 94.319	35.020, 94.181	34.899, 92.790
459	132- 141	162- 171	34.899, 92.772	35.020, 94.166	36.162, 94.024	36.039, 92.613

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
460	132- 141	172- 181	36.039, 92.595	36.162, 94.008	37.304, 93.863	37.179, 92.431
461	132- 141	182- 191	37.179, 92.413	37.304, 93.846	38.445, 93.696	38.318, 92.244
462	132- 141	192- 201	38.318, 92.225	38.445, 93.679	39.584, 93.524	39.455, 92.050
463	132- 141	202- 211	39.455, 92.031	39.584, 93.507	40.722, 93.348	40.591, 91.852
464	132- 141	212- 221	40.591, 91.831	40.722, 93.330	41.857, 93.165	41.725, 91.646
465	132- 141	222- 231	41.725, 91.626	41.857, 93.147	42.990, 92.977	42.856, 91.435
466	132- 141	232- 241	42.856, 91.413	42.990, 92.958	44.120, 92.783	43.984, 91.216
467	132- 141	242- 251	43.984, 91.194	44.120, 92.763	45.246, 92.583	45.108, 90.991
468	132- 141	252- 261	45.108, 90.968	45.246, 92.562	46.367, 92.376	46.228, 90.758
469	132- 141	262- 271	46.228, 90.734	46.367, 92.355	47.484, 92.162	47.343, 90.517
470	132- 141	272- 281	47.343, 90.493	47.484, 92.140	48.596, 91.940	48.453, 90.268
471	132- 141	282- 291	48.453, 90.243	48.596, 91.918	49.702, 91.711	49.558, 90.011
472	132- 141	292- 301	49.558, 89.984	49.702, 91.688	50.802, 91.474	50.656, 89.744
473	132- 141	302- 311	50.656, 89.717	50.802, 91.450	51.896, 91.228	51.748, 89.468
474	132- 141	312- 321	51.748, 89.439	51.896, 91.203	52.982, 90.973	52.832, 89.181
475	132- 141	322- 331	52.832, 89.152	52.982, 90.947	54.061, 90.709	53.909, 88.884
476	132- 141	332- 339	53.909, 88.854	54.061, 90.682	54.857, 90.490	54.704, 88.639
477	142- 151	2- 11	17.092, 96.188	17.175, 97.327	18.240, 97.246	18.156, 96.094
478	142- 151	12- 21	18.156, 96.084	18.240, 97.237	19.338, 97.153	19.252, 95.988
479	142- 151	22- 31	19.252, 95.977	19.338, 97.144	20.442, 97.058	20.355, 95.879
480	142- 151	32- 41	20.355, 95.868	20.442, 97.049	21.551, 96.961	21.462, 95.768
481	142- 151	42- 51	21.462, 95.756	21.551, 96.951	22.665, 96.861	22.575, 95.653
482	142- 151	52- 61	22.575, 95.642	22.665, 96.851	23.783, 96.759	23.692, 95.536
483	142- 151	62- 71	23.692, 95.524	23.783, 96.749	24.906, 96.654	24.813, 95.416
484	142- 151	72- 81	24.813, 95.404	24.906, 96.644	26.033, 96.547	25.938, 95.293
485	142- 151	82- 91	25.938, 95.281	26.033, 96.536	27.163, 96.437	27.067, 95.167
486	142- 151	92- 101	27.067, 95.154	27.163, 96.426	28.297, 96.324	28.199, 95.037
487	142- 151	102- 111	28.199, 95.024	28.297, 96.312	29.433, 96.207	29.334, 94.904
488	142- 151	112- 121	29.334, 94.890	29.433, 96.196	30.571, 96.088	30.471, 94.767
489	142- 151	122- 131	30.471, 94.753	30.571, 96.076	31.712, 95.966	31.609, 94.627
490	142- 151	132- 141	31.609, 94.612	31.712, 95.953	32.854, 95.840	32.750, 94.482
491	142- 151	142- 151	32.750, 94.468	32.854, 95.827	33.996, 95.710	33.891, 94.334
492	142- 151	152- 161	33.891, 94.319	33.996, 95.697	35.140, 95.577	35.033, 94.181
493	142- 151	162- 171	35.033, 94.166	35.140, 95.563	36.284, 95.440	36.175, 94.024
494	142- 151	172- 181	36.175, 94.008	36.284, 95.426	37.427, 95.299	37.317, 93.863
495	142- 151	182- 191	37.317, 93.846	37.427, 95.284	38.569, 95.153	38.458, 93.696
496	142- 151	192- 201	38.458, 93.679	38.569, 95.139	39.711, 95.004	39.597, 93.524
497	142- 151	202- 211	39.597, 93.507	39.711, 94.988	40.850, 94.849	40.735, 93.348
498	142- 151	212- 221	40.735, 93.330	40.850, 94.834	41.987, 94.690	41.871, 93.165
499	142- 151	222- 231	41.871, 93.147	41.987, 94.674	43.122, 94.526	43.004, 92.977
500	142- 151	232- 241	43.004, 92.958	43.122, 94.509	44.253, 94.356	44.134, 92.783
501	142- 151	242- 251	44.134, 92.763	44.253, 94.339	45.381, 94.181	45.260, 92.583
502	142- 151	252- 261	45.260, 92.562	45.381, 94.163	46.504, 94.000	46.382, 92.376
503	142- 151	262- 271	46.382, 92.355	46.504, 93.982	47.623, 93.813	47.499, 92.162
504	142- 151	272- 281	47.499, 92.140	47.623, 93.794	48.737, 93.620	48.611, 91.940
505	142- 151	282- 291	48.611, 91.918	48.737, 93.600	49.845, 93.420	49.718, 91.711
506	142- 151	292- 301	49.718, 91.688	49.845, 93.399	50.947, 93.212	50.818, 91.474
507	142- 151	302- 311	50.818, 91.450	50.947, 93.191	52.042, 92.997	51.911, 91.228
508	142- 151	312- 321	51.911, 91.203	52.042, 92.975	53.130, 92.774	52.998, 90.973
509	142- 151	322- 331	52.998, 90.947	53.130, 92.752	54.210, 92.543	54.076, 90.709
510	142- 151	332- 339	54.076, 90.682	54.210, 92.520	55.009, 92.352	54.873, 90.490

12km MM5 Data for Asia - Area 4: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
511	152- 162	2- 11	17.184, 97.327	17.262, 98.555	18.329, 98.486	18.249, 97.246
512	152- 162	12- 21	18.249, 97.237	18.329, 98.478	19.428, 98.408	19.347, 97.153
513	152- 162	22- 31	19.347, 97.144	19.428, 98.400	20.534, 98.328	20.451, 97.058
514	152- 162	32- 41	20.451, 97.049	20.534, 98.320	21.644, 98.246	21.560, 96.961
515	152- 162	42- 51	21.560, 96.951	21.644, 98.238	22.760, 98.163	22.674, 96.861
516	152- 162	52- 61	22.674, 96.851	22.760, 98.154	23.880, 98.077	23.793, 96.759
517	152- 162	62- 71	23.793, 96.749	23.880, 98.068	25.004, 97.988	24.916, 96.654
518	152- 162	72- 81	24.916, 96.644	25.004, 97.980	26.133, 97.898	26.043, 96.547
519	152- 162	82- 91	26.043, 96.536	26.133, 97.889	27.264, 97.805	27.173, 96.437
520	152- 162	92- 101	27.173, 96.426	27.264, 97.796	28.399, 97.710	28.307, 96.324
521	152- 162	102- 111	28.307, 96.312	28.399, 97.700	29.537, 97.612	29.443, 96.207
522	152- 162	112- 121	29.443, 96.196	29.537, 97.602	30.677, 97.512	30.582, 96.088
523	152- 162	122- 131	30.582, 96.076	30.677, 97.502	31.819, 97.409	31.722, 95.966
524	152- 162	132- 141	31.722, 95.953	31.819, 97.398	32.963, 97.303	32.864, 95.840
525	152- 162	142- 151	32.864, 95.827	32.963, 97.292	34.108, 97.194	34.007, 95.710
526	152- 162	152- 161	34.007, 95.697	34.108, 97.183	35.253, 97.082	35.151, 95.577
527	152- 162	162- 171	35.151, 95.563	35.253, 97.070	36.398, 96.966	36.295, 95.440
528	152- 162	172- 181	36.295, 95.426	36.398, 96.954	37.543, 96.847	37.438, 95.299
529	152- 162	182- 191	37.438, 95.284	37.543, 96.835	38.687, 96.725	38.581, 95.153
530	152- 162	192- 201	38.581, 95.139	38.687, 96.713	39.830, 96.599	39.722, 95.004
531	152- 162	202- 211	39.722, 94.988	39.830, 96.586	40.971, 96.469	40.862, 94.849
532	152- 162	212- 221	40.862, 94.834	40.971, 96.456	42.110, 96.335	42.000, 94.690
533	152- 162	222- 231	42.000, 94.674	42.110, 96.321	43.246, 96.197	43.134, 94.526
534	152- 162	232- 241	43.134, 94.509	43.246, 96.182	44.379, 96.054	44.266, 94.356
535	152- 162	242- 251	44.266, 94.339	44.379, 96.039	45.509, 95.906	45.394, 94.181
536	152- 162	252- 261	45.394, 94.163	45.509, 95.891	46.634, 95.754	46.517, 94.000
537	152- 162	262- 271	46.517, 93.982	46.634, 95.738	47.754, 95.596	47.636, 93.813
538	152- 162	272- 281	47.636, 93.794	47.754, 95.580	48.869, 95.433	48.750, 93.620
539	152- 162	282- 291	48.750, 93.600	48.869, 95.416	49.979, 95.264	49.858, 93.420
540	152- 162	292- 301	49.858, 93.399	49.979, 95.247	51.082, 95.089	50.960, 93.212
541	152- 162	302- 311	50.960, 93.191	51.082, 95.072	52.179, 94.908	52.055, 92.997
542	152- 162	312- 321	52.055, 92.975	52.179, 94.890	53.269, 94.720	53.143, 92.774
543	152- 162	322- 331	53.143, 92.752	53.269, 94.701	54.350, 94.525	54.224, 92.543
544	152- 162	332- 339	54.224, 92.520	54.350, 94.505	55.151, 94.364	55.023, 92.352