

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
1	2- 11	2- 11	15.105, 36.133	15.119, 36.508	15.482, 36.494	15.468, 36.118
2	2- 11	12- 21	15.468, 36.116	15.482, 36.493	15.854, 36.479	15.840, 36.101
3	2- 11	22- 31	15.840, 36.100	15.854, 36.477	16.226, 36.463	16.212, 36.084
4	2- 11	32- 41	16.212, 36.083	16.226, 36.461	16.599, 36.447	16.585, 36.067
5	2- 11	42- 51	16.585, 36.066	16.599, 36.445	16.972, 36.431	16.958, 36.050
6	2- 11	52- 61	16.958, 36.049	16.972, 36.429	17.346, 36.415	17.332, 36.033
7	2- 11	62- 71	17.332, 36.032	17.346, 36.413	17.720, 36.399	17.706, 36.016
8	2- 11	72- 81	17.706, 36.014	17.720, 36.397	18.094, 36.383	18.080, 35.999
9	2- 11	82- 91	18.080, 35.997	18.094, 36.381	18.469, 36.366	18.454, 35.981
10	2- 11	92- 101	18.454, 35.980	18.469, 36.365	18.843, 36.350	18.829, 35.964
11	2- 11	102- 111	18.829, 35.962	18.843, 36.348	19.218, 36.333	19.204, 35.946
12	2- 11	112- 121	19.204, 35.944	19.218, 36.332	19.594, 36.317	19.579, 35.928
13	2- 11	122- 131	19.579, 35.927	19.594, 36.315	19.969, 36.300	19.954, 35.911
14	2- 11	132- 141	19.954, 35.909	19.969, 36.298	20.345, 36.283	20.330, 35.892
15	2- 11	142- 151	20.330, 35.891	20.345, 36.281	20.721, 36.266	20.706, 35.874
16	2- 11	152- 161	20.706, 35.873	20.721, 36.265	21.097, 36.249	21.082, 35.856
17	2- 11	162- 171	21.082, 35.855	21.097, 36.248	21.473, 36.232	21.458, 35.838
18	2- 11	172- 181	21.458, 35.836	21.473, 36.230	21.849, 36.215	21.834, 35.820
19	2- 11	182- 191	21.834, 35.818	21.849, 36.213	22.226, 36.198	22.211, 35.801
20	2- 11	192- 201	22.211, 35.799	22.226, 36.196	22.602, 36.180	22.587, 35.783
21	2- 11	202- 211	22.587, 35.781	22.602, 36.178	22.979, 36.163	22.964, 35.764
22	2- 11	212- 221	22.964, 35.762	22.979, 36.161	23.356, 36.145	23.340, 35.745
23	2- 11	222- 231	23.340, 35.743	23.356, 36.143	23.732, 36.127	23.717, 35.726
24	2- 11	232- 241	23.717, 35.724	23.732, 36.125	24.109, 36.109	24.094, 35.707
25	2- 11	242- 251	24.094, 35.705	24.109, 36.108	24.486, 36.091	24.471, 35.688
26	2- 11	252- 261	24.471, 35.686	24.486, 36.090	24.863, 36.073	24.848, 35.669
27	2- 11	262- 271	24.848, 35.667	24.863, 36.072	25.240, 36.055	25.225, 35.649
28	2- 11	272- 281	25.225, 35.647	25.240, 36.053	25.617, 36.037	25.602, 35.630
29	2- 11	282- 291	25.602, 35.628	25.617, 36.035	25.994, 36.019	25.978, 35.610
30	2- 11	292- 301	25.978, 35.608	25.994, 36.017	26.371, 36.000	26.355, 35.590
31	2- 11	302- 309	26.355, 35.588	26.371, 35.998	26.653, 35.985	26.637, 35.574
32	12- 21	2- 11	15.121, 36.508	15.134, 36.893	15.496, 36.880	15.483, 36.494
33	12- 21	12- 21	15.483, 36.493	15.496, 36.879	15.868, 36.866	15.855, 36.479
34	12- 21	22- 31	15.855, 36.477	15.868, 36.864	16.241, 36.851	16.228, 36.463
35	12- 21	32- 41	16.228, 36.461	16.241, 36.850	16.614, 36.836	16.601, 36.447
36	12- 21	42- 51	16.601, 36.445	16.614, 36.835	16.987, 36.821	16.974, 36.431
37	12- 21	52- 61	16.974, 36.429	16.987, 36.820	17.361, 36.806	17.348, 36.415
38	12- 21	62- 71	17.348, 36.413	17.361, 36.805	17.735, 36.791	17.722, 36.399
39	12- 21	72- 81	17.722, 36.397	17.735, 36.790	18.109, 36.776	18.096, 36.383
40	12- 21	82- 91	18.096, 36.381	18.109, 36.775	18.484, 36.761	18.470, 36.366
41	12- 21	92- 101	18.470, 36.365	18.484, 36.760	18.858, 36.746	18.845, 36.350
42	12- 21	102- 111	18.845, 36.348	18.858, 36.744	19.233, 36.731	19.220, 36.333
43	12- 21	112- 121	19.220, 36.332	19.233, 36.729	19.609, 36.715	19.595, 36.317
44	12- 21	122- 131	19.595, 36.315	19.609, 36.714	19.984, 36.700	19.971, 36.300
45	12- 21	132- 141	19.971, 36.298	19.984, 36.698	20.360, 36.684	20.346, 36.283
46	12- 21	142- 151	20.346, 36.281	20.360, 36.682	20.736, 36.668	20.722, 36.266
47	12- 21	152- 161	20.722, 36.265	20.736, 36.667	21.112, 36.652	21.098, 36.249
48	12- 21	162- 171	21.098, 36.248	21.112, 36.651	21.488, 36.636	21.474, 36.232
49	12- 21	172- 181	21.474, 36.230	21.488, 36.635	21.865, 36.620	21.851, 36.215
50	12- 21	182- 191	21.851, 36.213	21.865, 36.619	22.241, 36.604	22.227, 36.198
51	12- 21	192- 201	22.227, 36.196	22.241, 36.603	22.618, 36.588	22.604, 36.180

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
52	12- 21	202- 211	22.604, 36.178	22.618, 36.587	22.994, 36.572	22.980, 36.163
53	12- 21	212- 221	22.980, 36.161	22.994, 36.570	23.371, 36.555	23.357, 36.145
54	12- 21	222- 231	23.357, 36.143	23.371, 36.554	23.748, 36.539	23.734, 36.127
55	12- 21	232- 241	23.734, 36.125	23.748, 36.537	24.125, 36.522	24.111, 36.109
56	12- 21	242- 251	24.111, 36.108	24.125, 36.521	24.502, 36.506	24.488, 36.091
57	12- 21	252- 261	24.488, 36.090	24.502, 36.504	24.879, 36.489	24.865, 36.073
58	12- 21	262- 271	24.865, 36.072	24.879, 36.487	25.256, 36.472	25.242, 36.055
59	12- 21	272- 281	25.242, 36.053	25.256, 36.470	25.633, 36.455	25.619, 36.037
60	12- 21	282- 291	25.619, 36.035	25.633, 36.453	26.010, 36.438	25.995, 36.019
61	12- 21	292- 301	25.995, 36.017	26.010, 36.436	26.387, 36.421	26.372, 36.000
62	12- 21	302- 309	26.372, 35.998	26.387, 36.419	26.669, 36.407	26.654, 35.985
63	22- 31	2- 11	15.135, 36.893	15.147, 37.278	15.510, 37.266	15.498, 36.880
64	22- 31	12- 21	15.498, 36.879	15.510, 37.265	15.882, 37.253	15.870, 36.866
65	22- 31	22- 31	15.870, 36.864	15.882, 37.251	16.255, 37.239	16.242, 36.851
66	22- 31	32- 41	16.242, 36.850	16.255, 37.238	16.628, 37.226	16.615, 36.836
67	22- 31	42- 51	16.615, 36.835	16.628, 37.224	17.001, 37.212	16.989, 36.821
68	22- 31	52- 61	16.989, 36.820	17.001, 37.211	17.375, 37.198	17.362, 36.806
69	22- 31	62- 71	17.362, 36.805	17.375, 37.197	17.749, 37.184	17.736, 36.791
70	22- 31	72- 81	17.736, 36.790	17.749, 37.183	18.123, 37.170	18.111, 36.776
71	22- 31	82- 91	18.111, 36.775	18.123, 37.169	18.498, 37.156	18.485, 36.761
72	22- 31	92- 101	18.485, 36.760	18.498, 37.155	18.872, 37.142	18.860, 36.746
73	22- 31	102- 111	18.860, 36.744	18.872, 37.141	19.248, 37.128	19.235, 36.731
74	22- 31	112- 121	19.235, 36.729	19.248, 37.126	19.623, 37.114	19.610, 36.715
75	22- 31	122- 131	19.610, 36.714	19.623, 37.112	19.998, 37.099	19.986, 36.700
76	22- 31	132- 141	19.986, 36.698	19.998, 37.098	20.374, 37.085	20.361, 36.684
77	22- 31	142- 151	20.361, 36.682	20.374, 37.083	20.750, 37.070	20.737, 36.668
78	22- 31	152- 161	20.737, 36.667	20.750, 37.069	21.126, 37.056	21.113, 36.652
79	22- 31	162- 171	21.113, 36.651	21.126, 37.054	21.503, 37.041	21.490, 36.636
80	22- 31	172- 181	21.490, 36.635	21.503, 37.039	21.879, 37.026	21.866, 36.620
81	22- 31	182- 191	21.866, 36.619	21.879, 37.025	22.256, 37.011	22.243, 36.604
82	22- 31	192- 201	22.243, 36.603	22.256, 37.010	22.632, 36.996	22.619, 36.588
83	22- 31	202- 211	22.619, 36.587	22.632, 36.995	23.009, 36.981	22.996, 36.572
84	22- 31	212- 221	22.996, 36.570	23.009, 36.980	23.386, 36.966	23.373, 36.555
85	22- 31	222- 231	23.373, 36.554	23.386, 36.964	23.763, 36.951	23.750, 36.539
86	22- 31	232- 241	23.750, 36.537	23.763, 36.949	24.140, 36.935	24.127, 36.522
87	22- 31	242- 251	24.127, 36.521	24.140, 36.934	24.517, 36.920	24.504, 36.506
88	22- 31	252- 261	24.504, 36.504	24.517, 36.918	24.894, 36.904	24.881, 36.489
89	22- 31	262- 271	24.881, 36.487	24.894, 36.903	25.271, 36.889	25.258, 36.472
90	22- 31	272- 281	25.258, 36.470	25.271, 36.887	25.648, 36.873	25.634, 36.455
91	22- 31	282- 291	25.634, 36.453	25.648, 36.871	26.025, 36.857	26.011, 36.438
92	22- 31	292- 301	26.011, 36.436	26.025, 36.856	26.402, 36.841	26.388, 36.421
93	22- 31	302- 309	26.388, 36.419	26.402, 36.840	26.684, 36.828	26.670, 36.407
94	32- 41	2- 11	15.148, 37.278	15.160, 37.664	15.522, 37.652	15.511, 37.266
95	32- 41	12- 21	15.511, 37.265	15.522, 37.651	15.895, 37.640	15.883, 37.253
96	32- 41	22- 31	15.883, 37.251	15.895, 37.639	16.267, 37.628	16.256, 37.239
97	32- 41	32- 41	16.256, 37.238	16.267, 37.626	16.640, 37.615	16.629, 37.226
98	32- 41	42- 51	16.629, 37.224	16.640, 37.614	17.014, 37.603	17.002, 37.212
99	32- 41	52- 61	17.002, 37.211	17.014, 37.601	17.387, 37.590	17.376, 37.198
100	32- 41	62- 71	17.376, 37.197	17.387, 37.589	17.761, 37.577	17.750, 37.184
101	32- 41	72- 81	17.750, 37.183	17.761, 37.576	18.136, 37.564	18.124, 37.170
102	32- 41	82- 91	18.124, 37.169	18.136, 37.563	18.510, 37.551	18.499, 37.156

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
103	32- 41	92- 101	18.499, 37.155	18.510, 37.550	18.885, 37.538	18.874, 37.142
104	32- 41	102- 111	18.874, 37.141	18.885, 37.537	19.260, 37.525	19.249, 37.128
105	32- 41	112- 121	19.249, 37.126	19.260, 37.524	19.636, 37.512	19.624, 37.114
106	32- 41	122- 131	19.624, 37.112	19.636, 37.511	20.012, 37.499	20.000, 37.099
107	32- 41	132- 141	20.000, 37.098	20.012, 37.498	20.387, 37.486	20.376, 37.085
108	32- 41	142- 151	20.376, 37.083	20.387, 37.484	20.763, 37.472	20.751, 37.070
109	32- 41	152- 161	20.751, 37.069	20.763, 37.471	21.139, 37.459	21.128, 37.056
110	32- 41	162- 171	21.128, 37.054	21.139, 37.458	21.516, 37.445	21.504, 37.041
111	32- 41	172- 181	21.504, 37.039	21.516, 37.444	21.892, 37.432	21.880, 37.026
112	32- 41	182- 191	21.880, 37.025	21.892, 37.430	22.269, 37.418	22.257, 37.011
113	32- 41	192- 201	22.257, 37.010	22.269, 37.417	22.646, 37.404	22.634, 36.996
114	32- 41	202- 211	22.634, 36.995	22.646, 37.403	23.022, 37.390	23.010, 36.981
115	32- 41	212- 221	23.010, 36.980	23.022, 37.389	23.399, 37.377	23.387, 36.966
116	32- 41	222- 231	23.387, 36.964	23.399, 37.375	23.776, 37.363	23.764, 36.951
117	32- 41	232- 241	23.764, 36.949	23.776, 37.361	24.153, 37.348	24.141, 36.935
118	32- 41	242- 251	24.141, 36.934	24.153, 37.347	24.530, 37.334	24.518, 36.920
119	32- 41	252- 261	24.518, 36.918	24.530, 37.333	24.907, 37.320	24.895, 36.904
120	32- 41	262- 271	24.895, 36.903	24.907, 37.319	25.284, 37.306	25.272, 36.889
121	32- 41	272- 281	25.272, 36.887	25.284, 37.304	25.662, 37.291	25.649, 36.873
122	32- 41	282- 291	25.649, 36.871	25.662, 37.290	26.039, 37.277	26.026, 36.857
123	32- 41	292- 301	26.026, 36.856	26.039, 37.275	26.415, 37.262	26.403, 36.841
124	32- 41	302- 309	26.403, 36.840	26.415, 37.261	26.698, 37.250	26.685, 36.828
125	42- 51	2- 11	15.161, 37.664	15.171, 38.049	15.534, 38.039	15.523, 37.652
126	42- 51	12- 21	15.523, 37.651	15.534, 38.038	15.906, 38.027	15.896, 37.640
127	42- 51	22- 31	15.896, 37.639	15.906, 38.026	16.279, 38.016	16.268, 37.628
128	42- 51	32- 41	16.268, 37.626	16.279, 38.015	16.652, 38.005	16.642, 37.615
129	42- 51	42- 51	16.642, 37.614	16.652, 38.004	17.025, 37.993	17.015, 37.603
130	42- 51	52- 61	17.015, 37.601	17.025, 37.992	17.399, 37.982	17.389, 37.590
131	42- 51	62- 71	17.389, 37.589	17.399, 37.980	17.773, 37.970	17.763, 37.577
132	42- 51	72- 81	17.763, 37.576	17.773, 37.969	18.148, 37.958	18.137, 37.564
133	42- 51	82- 91	18.137, 37.563	18.148, 37.957	18.522, 37.947	18.512, 37.551
134	42- 51	92- 101	18.512, 37.550	18.522, 37.945	18.897, 37.935	18.887, 37.538
135	42- 51	102- 111	18.887, 37.537	18.897, 37.934	19.272, 37.923	19.262, 37.525
136	42- 51	112- 121	19.262, 37.524	19.272, 37.922	19.648, 37.911	19.637, 37.512
137	42- 51	122- 131	19.637, 37.511	19.648, 37.910	20.023, 37.899	20.013, 37.499
138	42- 51	132- 141	20.013, 37.498	20.023, 37.898	20.399, 37.887	20.389, 37.486
139	42- 51	142- 151	20.389, 37.484	20.399, 37.886	20.775, 37.875	20.764, 37.472
140	42- 51	152- 161	20.764, 37.471	20.775, 37.873	21.152, 37.862	21.141, 37.459
141	42- 51	162- 171	21.141, 37.458	21.152, 37.861	21.528, 37.850	21.517, 37.445
142	42- 51	172- 181	21.517, 37.444	21.528, 37.849	21.904, 37.838	21.894, 37.432
143	42- 51	182- 191	21.894, 37.430	21.904, 37.836	22.281, 37.825	22.270, 37.418
144	42- 51	192- 201	22.270, 37.417	22.281, 37.824	22.658, 37.813	22.647, 37.404
145	42- 51	202- 211	22.647, 37.403	22.658, 37.811	23.035, 37.800	23.024, 37.390
146	42- 51	212- 221	23.024, 37.389	23.035, 37.799	23.412, 37.787	23.401, 37.377
147	42- 51	222- 231	23.401, 37.375	23.412, 37.786	23.789, 37.774	23.778, 37.363
148	42- 51	232- 241	23.778, 37.361	23.789, 37.773	24.166, 37.762	24.155, 37.348
149	42- 51	242- 251	24.155, 37.347	24.166, 37.760	24.543, 37.749	24.532, 37.334
150	42- 51	252- 261	24.532, 37.333	24.543, 37.747	24.920, 37.736	24.909, 37.320
151	42- 51	262- 271	24.909, 37.319	24.920, 37.734	25.297, 37.723	25.286, 37.306
152	42- 51	272- 281	25.286, 37.304	25.297, 37.721	25.674, 37.709	25.663, 37.291
153	42- 51	282- 291	25.663, 37.290	25.674, 37.708	26.051, 37.696	26.040, 37.277

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
154	42- 51	292- 301	26.040, 37.275	26.051, 37.695	26.428, 37.683	26.417, 37.262
155	42- 51	302- 309	26.417, 37.261	26.428, 37.682	26.710, 37.672	26.699, 37.250
156	52- 61	2- 11	15.172, 38.049	15.181, 38.434	15.544, 38.425	15.535, 38.039
157	52- 61	12- 21	15.535, 38.038	15.544, 38.424	15.916, 38.415	15.907, 38.027
158	52- 61	22- 31	15.907, 38.026	15.916, 38.414	16.289, 38.405	16.280, 38.016
159	52- 61	32- 41	16.280, 38.015	16.289, 38.404	16.662, 38.394	16.653, 38.005
160	52- 61	42- 51	16.653, 38.004	16.662, 38.393	17.036, 38.384	17.026, 37.993
161	52- 61	52- 61	17.026, 37.992	17.036, 38.383	17.410, 38.373	17.400, 37.982
162	52- 61	62- 71	17.400, 37.980	17.410, 38.372	17.784, 38.363	17.774, 37.970
163	52- 61	72- 81	17.774, 37.969	17.784, 38.362	18.158, 38.352	18.149, 37.958
164	52- 61	82- 91	18.149, 37.957	18.158, 38.351	18.533, 38.342	18.523, 37.947
165	52- 61	92- 101	18.523, 37.945	18.533, 38.341	18.908, 38.331	18.898, 37.935
166	52- 61	102- 111	18.898, 37.934	18.908, 38.330	19.283, 38.320	19.273, 37.923
167	52- 61	112- 121	19.273, 37.922	19.283, 38.319	19.659, 38.310	19.649, 37.911
168	52- 61	122- 131	19.649, 37.910	19.659, 38.309	20.034, 38.299	20.025, 37.899
169	52- 61	132- 141	20.025, 37.898	20.034, 38.298	20.410, 38.288	20.400, 37.887
170	52- 61	142- 151	20.400, 37.886	20.410, 38.287	20.786, 38.277	20.777, 37.875
171	52- 61	152- 161	20.777, 37.873	20.786, 38.276	21.162, 38.266	21.153, 37.862
172	52- 61	162- 171	21.153, 37.861	21.162, 38.265	21.539, 38.255	21.529, 37.850
173	52- 61	172- 181	21.529, 37.849	21.539, 38.254	21.915, 38.243	21.906, 37.838
174	52- 61	182- 191	21.906, 37.836	21.915, 38.242	22.292, 38.232	22.282, 37.825
175	52- 61	192- 201	22.282, 37.824	22.292, 38.231	22.669, 38.221	22.659, 37.813
176	52- 61	202- 211	22.659, 37.811	22.669, 38.220	23.046, 38.209	23.036, 37.800
177	52- 61	212- 221	23.036, 37.799	23.046, 38.208	23.423, 38.198	23.413, 37.787
178	52- 61	222- 231	23.413, 37.786	23.423, 38.197	23.800, 38.187	23.790, 37.774
179	52- 61	232- 241	23.790, 37.773	23.800, 38.185	24.177, 38.175	24.167, 37.762
180	52- 61	242- 251	24.167, 37.760	24.177, 38.174	24.554, 38.163	24.544, 37.749
181	52- 61	252- 261	24.544, 37.747	24.554, 38.162	24.931, 38.151	24.921, 37.736
182	52- 61	262- 271	24.921, 37.734	24.931, 38.150	25.308, 38.140	25.298, 37.723
183	52- 61	272- 281	25.298, 37.721	25.308, 38.139	25.685, 38.128	25.675, 37.709
184	52- 61	282- 291	25.675, 37.708	25.685, 38.127	26.063, 38.116	26.052, 37.696
185	52- 61	292- 301	26.052, 37.695	26.063, 38.115	26.440, 38.104	26.429, 37.683
186	52- 61	302- 309	26.429, 37.682	26.440, 38.103	26.722, 38.094	26.712, 37.672
187	62- 71	2- 11	15.182, 38.434	15.190, 38.819	15.553, 38.811	15.545, 38.425
188	62- 71	12- 21	15.545, 38.424	15.553, 38.810	15.926, 38.802	15.917, 38.415
189	62- 71	22- 31	15.917, 38.414	15.926, 38.801	16.299, 38.793	16.290, 38.405
190	62- 71	32- 41	16.290, 38.404	16.299, 38.792	16.672, 38.784	16.663, 38.394
191	62- 71	42- 51	16.663, 38.393	16.672, 38.783	17.045, 38.775	17.037, 38.384
192	62- 71	52- 61	17.037, 38.383	17.045, 38.774	17.419, 38.765	17.411, 38.373
193	62- 71	62- 71	17.411, 38.372	17.419, 38.764	17.793, 38.756	17.785, 38.363
194	62- 71	72- 81	17.785, 38.362	17.793, 38.755	18.168, 38.747	18.159, 38.352
195	62- 71	82- 91	18.159, 38.351	18.168, 38.746	18.543, 38.737	18.534, 38.342
196	62- 71	92- 101	18.534, 38.341	18.543, 38.736	18.918, 38.728	18.909, 38.331
197	62- 71	102- 111	18.909, 38.330	18.918, 38.727	19.293, 38.718	19.284, 38.320
198	62- 71	112- 121	19.284, 38.319	19.293, 38.717	19.668, 38.708	19.660, 38.310
199	62- 71	122- 131	19.660, 38.309	19.668, 38.707	20.044, 38.699	20.035, 38.299
200	62- 71	132- 141	20.035, 38.298	20.044, 38.698	20.420, 38.689	20.411, 38.288
201	62- 71	142- 151	20.411, 38.287	20.420, 38.688	20.796, 38.679	20.787, 38.277
202	62- 71	152- 161	20.787, 38.276	20.796, 38.678	21.172, 38.669	21.163, 38.266
203	62- 71	162- 171	21.163, 38.265	21.172, 38.668	21.549, 38.659	21.540, 38.255
204	62- 71	172- 181	21.540, 38.254	21.549, 38.658	21.925, 38.649	21.917, 38.243

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
205	62- 71	182- 191	21.917, 38.242	21.925, 38.648	22.302, 38.639	22.293, 38.232
206	62- 71	192- 201	22.293, 38.231	22.302, 38.638	22.679, 38.629	22.670, 38.221
207	62- 71	202- 211	22.670, 38.220	22.679, 38.628	23.056, 38.619	23.047, 38.209
208	62- 71	212- 221	23.047, 38.208	23.056, 38.618	23.433, 38.609	23.424, 38.198
209	62- 71	222- 231	23.424, 38.197	23.433, 38.608	23.810, 38.599	23.801, 38.187
210	62- 71	232- 241	23.801, 38.185	23.810, 38.598	24.187, 38.588	24.178, 38.175
211	62- 71	242- 251	24.178, 38.174	24.187, 38.587	24.564, 38.578	24.555, 38.163
212	62- 71	252- 261	24.555, 38.162	24.564, 38.577	24.941, 38.567	24.932, 38.151
213	62- 71	262- 271	24.932, 38.150	24.941, 38.566	25.319, 38.557	25.309, 38.140
214	62- 71	272- 281	25.309, 38.139	25.319, 38.556	25.696, 38.546	25.687, 38.128
215	62- 71	282- 291	25.687, 38.127	25.696, 38.545	26.073, 38.536	26.064, 38.116
216	62- 71	292- 301	26.064, 38.115	26.073, 38.535	26.450, 38.525	26.441, 38.104
217	62- 71	302- 309	26.441, 38.103	26.450, 38.524	26.732, 38.516	26.723, 38.094
218	72- 81	2- 11	15.191, 38.819	15.199, 39.205	15.562, 39.198	15.554, 38.811
219	72- 81	12- 21	15.554, 38.810	15.562, 39.197	15.934, 39.190	15.927, 38.802
220	72- 81	22- 31	15.927, 38.801	15.934, 39.189	16.307, 39.182	16.299, 38.793
221	72- 81	32- 41	16.299, 38.792	16.307, 39.181	16.680, 39.174	16.673, 38.784
222	72- 81	42- 51	16.673, 38.783	16.680, 39.173	17.054, 39.165	17.046, 38.775
223	72- 81	52- 61	17.046, 38.774	17.054, 39.165	17.428, 39.157	17.420, 38.765
224	72- 81	62- 71	17.420, 38.764	17.428, 39.157	17.802, 39.149	17.794, 38.756
225	72- 81	72- 81	17.794, 38.755	17.802, 39.148	18.176, 39.141	18.169, 38.747
226	72- 81	82- 91	18.169, 38.746	18.176, 39.140	18.551, 39.132	18.543, 38.737
227	72- 81	92- 101	18.543, 38.736	18.551, 39.132	18.926, 39.124	18.918, 38.728
228	72- 81	102- 111	18.918, 38.727	18.926, 39.123	19.301, 39.116	19.294, 38.718
229	72- 81	112- 121	19.294, 38.717	19.301, 39.115	19.677, 39.107	19.669, 38.708
230	72- 81	122- 131	19.669, 38.707	19.677, 39.106	20.053, 39.099	20.045, 38.699
231	72- 81	132- 141	20.045, 38.698	20.053, 39.098	20.429, 39.090	20.421, 38.689
232	72- 81	142- 151	20.421, 38.688	20.429, 39.089	20.805, 39.082	20.797, 38.679
233	72- 81	152- 161	20.797, 38.678	20.805, 39.081	21.181, 39.073	21.173, 38.669
234	72- 81	162- 171	21.173, 38.668	21.181, 39.072	21.558, 39.064	21.550, 38.659
235	72- 81	172- 181	21.550, 38.658	21.558, 39.063	21.934, 39.055	21.926, 38.649
236	72- 81	182- 191	21.926, 38.648	21.934, 39.054	22.311, 39.047	22.303, 38.639
237	72- 81	192- 201	22.303, 38.638	22.311, 39.046	22.688, 39.038	22.680, 38.629
238	72- 81	202- 211	22.680, 38.628	22.688, 39.037	23.065, 39.029	23.057, 38.619
239	72- 81	212- 221	23.057, 38.618	23.065, 39.028	23.442, 39.020	23.434, 38.609
240	72- 81	222- 231	23.434, 38.608	23.442, 39.019	23.819, 39.011	23.811, 38.599
241	72- 81	232- 241	23.811, 38.598	23.819, 39.010	24.196, 39.002	24.188, 38.588
242	72- 81	242- 251	24.188, 38.587	24.196, 39.001	24.573, 38.993	24.565, 38.578
243	72- 81	252- 261	24.565, 38.577	24.573, 38.992	24.950, 38.983	24.942, 38.567
244	72- 81	262- 271	24.942, 38.566	24.950, 38.982	25.328, 38.974	25.319, 38.557
245	72- 81	272- 281	25.319, 38.556	25.328, 38.973	25.705, 38.965	25.697, 38.546
246	72- 81	282- 291	25.697, 38.545	25.705, 38.964	26.082, 38.955	26.074, 38.536
247	72- 81	292- 301	26.074, 38.535	26.082, 38.954	26.459, 38.946	26.451, 38.525
248	72- 81	302- 309	26.451, 38.524	26.459, 38.945	26.741, 38.938	26.733, 38.516
249	82- 91	2- 11	15.200, 39.205	15.206, 39.590	15.569, 39.584	15.562, 39.198
250	82- 91	12- 21	15.562, 39.197	15.569, 39.583	15.941, 39.577	15.935, 39.190
251	82- 91	22- 31	15.935, 39.189	15.941, 39.577	16.314, 39.570	16.308, 39.182
252	82- 91	32- 41	16.308, 39.181	16.314, 39.570	16.687, 39.563	16.681, 39.174
253	82- 91	42- 51	16.681, 39.173	16.687, 39.563	17.061, 39.556	17.055, 39.165
254	82- 91	52- 61	17.055, 39.165	17.061, 39.556	17.435, 39.549	17.428, 39.157
255	82- 91	62- 71	17.428, 39.157	17.435, 39.549	17.809, 39.542	17.803, 39.149

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
256	82- 91	72- 81	17.803, 39.148	17.809, 39.542	18.184, 39.535	18.177, 39.141
257	82- 91	82- 91	18.177, 39.140	18.184, 39.534	18.558, 39.528	18.552, 39.132
258	82- 91	92- 101	18.552, 39.132	18.558, 39.527	18.933, 39.521	18.927, 39.124
259	82- 91	102- 111	18.927, 39.123	18.933, 39.520	19.309, 39.513	19.302, 39.116
260	82- 91	112- 121	19.302, 39.115	19.309, 39.513	19.684, 39.506	19.678, 39.107
261	82- 91	122- 131	19.678, 39.106	19.684, 39.505	20.060, 39.499	20.053, 39.099
262	82- 91	132- 141	20.053, 39.098	20.060, 39.498	20.436, 39.491	20.429, 39.090
263	82- 91	142- 151	20.429, 39.089	20.436, 39.491	20.812, 39.484	20.806, 39.082
264	82- 91	152- 161	20.806, 39.081	20.812, 39.483	21.189, 39.477	21.182, 39.073
265	82- 91	162- 171	21.182, 39.072	21.189, 39.476	21.565, 39.469	21.558, 39.064
266	82- 91	172- 181	21.558, 39.063	21.565, 39.468	21.942, 39.461	21.935, 39.055
267	82- 91	182- 191	21.935, 39.054	21.942, 39.461	22.319, 39.454	22.312, 39.047
268	82- 91	192- 201	22.312, 39.046	22.319, 39.453	22.695, 39.446	22.689, 39.038
269	82- 91	202- 211	22.689, 39.037	22.695, 39.445	23.072, 39.438	23.066, 39.029
270	82- 91	212- 221	23.066, 39.028	23.072, 39.438	23.449, 39.431	23.443, 39.020
271	82- 91	222- 231	23.443, 39.019	23.449, 39.430	23.827, 39.423	23.820, 39.011
272	82- 91	232- 241	23.820, 39.010	23.827, 39.422	24.204, 39.415	24.197, 39.002
273	82- 91	242- 251	24.197, 39.001	24.204, 39.414	24.581, 39.407	24.574, 38.993
274	82- 91	252- 261	24.574, 38.992	24.581, 39.406	24.958, 39.399	24.951, 38.983
275	82- 91	262- 271	24.951, 38.982	24.958, 39.398	25.335, 39.391	25.328, 38.974
276	82- 91	272- 281	25.328, 38.973	25.335, 39.391	25.713, 39.383	25.706, 38.965
277	82- 91	282- 291	25.706, 38.964	25.713, 39.382	26.090, 39.375	26.083, 38.955
278	82- 91	292- 301	26.083, 38.954	26.090, 39.374	26.467, 39.367	26.460, 38.946
279	82- 91	302- 309	26.460, 38.945	26.467, 39.366	26.750, 39.361	26.742, 38.938
280	92- 101	2- 11	15.207, 39.590	15.212, 39.976	15.575, 39.971	15.569, 39.584
281	92- 101	12- 21	15.569, 39.583	15.575, 39.970	15.947, 39.965	15.942, 39.577
282	92- 101	22- 31	15.942, 39.577	15.947, 39.964	16.320, 39.959	16.315, 39.570
283	92- 101	32- 41	16.315, 39.570	16.320, 39.958	16.694, 39.953	16.688, 39.563
284	92- 101	42- 51	16.688, 39.563	16.694, 39.953	17.067, 39.947	17.062, 39.556
285	92- 101	52- 61	17.062, 39.556	17.067, 39.947	17.441, 39.941	17.436, 39.549
286	92- 101	62- 71	17.436, 39.549	17.441, 39.941	17.815, 39.935	17.810, 39.542
287	92- 101	72- 81	17.810, 39.542	17.815, 39.935	18.190, 39.929	18.184, 39.535
288	92- 101	82- 91	18.184, 39.534	18.190, 39.929	18.565, 39.923	18.559, 39.528
289	92- 101	92- 101	18.559, 39.527	18.565, 39.923	18.940, 39.917	18.934, 39.521
290	92- 101	102- 111	18.934, 39.520	18.940, 39.917	19.315, 39.911	19.310, 39.513
291	92- 101	112- 121	19.310, 39.513	19.315, 39.911	19.691, 39.905	19.685, 39.506
292	92- 101	122- 131	19.685, 39.505	19.691, 39.904	20.067, 39.899	20.061, 39.499
293	92- 101	132- 141	20.061, 39.498	20.067, 39.898	20.443, 39.893	20.437, 39.491
294	92- 101	142- 151	20.437, 39.491	20.443, 39.892	20.819, 39.887	20.813, 39.484
295	92- 101	152- 161	20.813, 39.483	20.819, 39.886	21.195, 39.880	21.189, 39.477
296	92- 101	162- 171	21.189, 39.476	21.195, 39.880	21.572, 39.874	21.566, 39.469
297	92- 101	172- 181	21.566, 39.468	21.572, 39.873	21.948, 39.868	21.943, 39.461
298	92- 101	182- 191	21.943, 39.461	21.948, 39.867	22.325, 39.861	22.319, 39.454
299	92- 101	192- 201	22.319, 39.453	22.325, 39.861	22.702, 39.855	22.696, 39.446
300	92- 101	202- 211	22.696, 39.445	22.702, 39.854	23.079, 39.848	23.073, 39.438
301	92- 101	212- 221	23.073, 39.438	23.079, 39.848	23.456, 39.842	23.450, 39.431
302	92- 101	222- 231	23.450, 39.430	23.456, 39.841	23.833, 39.835	23.827, 39.423
303	92- 101	232- 241	23.827, 39.422	23.833, 39.835	24.210, 39.829	24.205, 39.415
304	92- 101	242- 251	24.205, 39.414	24.210, 39.828	24.588, 39.822	24.582, 39.407
305	92- 101	252- 261	24.582, 39.406	24.588, 39.821	24.965, 39.815	24.959, 39.399
306	92- 101	262- 271	24.959, 39.398	24.965, 39.815	25.342, 39.809	25.336, 39.391

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
307	92- 101	272- 281	25.336, 39.391	25.342, 39.808	25.719, 39.802	25.713, 39.383
308	92- 101	282- 291	25.713, 39.382	25.719, 39.801	26.097, 39.795	26.091, 39.375
309	92- 101	292- 301	26.091, 39.374	26.097, 39.794	26.474, 39.788	26.468, 39.367
310	92- 101	302- 309	26.468, 39.366	26.474, 39.788	26.756, 39.783	26.750, 39.361
311	102- 111	2- 11	15.213, 39.976	15.217, 40.361	15.580, 40.357	15.575, 39.971
312	102- 111	12- 21	15.575, 39.970	15.580, 40.357	15.953, 40.352	15.948, 39.965
313	102- 111	22- 31	15.948, 39.964	15.953, 40.352	16.325, 40.348	16.321, 39.959
314	102- 111	32- 41	16.321, 39.958	16.325, 40.347	16.699, 40.343	16.694, 39.953
315	102- 111	42- 51	16.694, 39.953	16.699, 40.342	17.072, 40.338	17.068, 39.947
316	102- 111	52- 61	17.068, 39.947	17.072, 40.338	17.446, 40.333	17.442, 39.941
317	102- 111	62- 71	17.442, 39.941	17.446, 40.333	17.821, 40.329	17.816, 39.935
318	102- 111	72- 81	17.816, 39.935	17.821, 40.328	18.195, 40.324	18.191, 39.929
319	102- 111	82- 91	18.191, 39.929	18.195, 40.323	18.570, 40.319	18.565, 39.923
320	102- 111	92- 101	18.565, 39.923	18.570, 40.318	18.945, 40.314	18.940, 39.917
321	102- 111	102- 111	18.940, 39.917	18.945, 40.313	19.320, 40.309	19.316, 39.911
322	102- 111	112- 121	19.316, 39.911	19.320, 40.309	19.696, 40.304	19.691, 39.905
323	102- 111	122- 131	19.691, 39.904	19.696, 40.304	20.072, 40.299	20.067, 39.899
324	102- 111	132- 141	20.067, 39.898	20.072, 40.299	20.448, 40.294	20.443, 39.893
325	102- 111	142- 151	20.443, 39.892	20.448, 40.294	20.824, 40.289	20.819, 39.887
326	102- 111	152- 161	20.819, 39.886	20.824, 40.288	21.201, 40.284	21.196, 39.880
327	102- 111	162- 171	21.196, 39.880	21.201, 40.283	21.577, 40.279	21.572, 39.874
328	102- 111	172- 181	21.572, 39.873	21.577, 40.278	21.954, 40.274	21.949, 39.868
329	102- 111	182- 191	21.949, 39.867	21.954, 40.273	22.331, 40.269	22.326, 39.861
330	102- 111	192- 201	22.326, 39.861	22.331, 40.268	22.707, 40.263	22.703, 39.855
331	102- 111	202- 211	22.703, 39.854	22.707, 40.263	23.084, 40.258	23.080, 39.848
332	102- 111	212- 221	23.080, 39.848	23.084, 40.257	23.462, 40.253	23.457, 39.842
333	102- 111	222- 231	23.457, 39.841	23.462, 40.252	23.839, 40.247	23.834, 39.835
334	102- 111	232- 241	23.834, 39.835	23.839, 40.247	24.216, 40.242	24.211, 39.829
335	102- 111	242- 251	24.211, 39.828	24.216, 40.242	24.593, 40.237	24.588, 39.822
336	102- 111	252- 261	24.588, 39.821	24.593, 40.236	24.970, 40.231	24.966, 39.815
337	102- 111	262- 271	24.966, 39.815	24.970, 40.231	25.348, 40.226	25.343, 39.809
338	102- 111	272- 281	25.343, 39.808	25.348, 40.225	25.725, 40.221	25.720, 39.802
339	102- 111	282- 291	25.720, 39.801	25.725, 40.220	26.102, 40.215	26.097, 39.795
340	102- 111	292- 301	26.097, 39.794	26.102, 40.215	26.479, 40.209	26.474, 39.788
341	102- 111	302- 309	26.474, 39.788	26.479, 40.209	26.762, 40.205	26.757, 39.783
342	112- 121	2- 11	15.217, 40.361	15.221, 40.747	15.584, 40.744	15.580, 40.357
343	112- 121	12- 21	15.580, 40.357	15.584, 40.743	15.957, 40.740	15.953, 40.352
344	112- 121	22- 31	15.953, 40.352	15.957, 40.740	16.330, 40.736	16.326, 40.348
345	112- 121	32- 41	16.326, 40.347	16.330, 40.736	16.703, 40.733	16.699, 40.343
346	112- 121	42- 51	16.699, 40.342	16.703, 40.732	17.076, 40.729	17.073, 40.338
347	112- 121	52- 61	17.073, 40.338	17.076, 40.729	17.450, 40.725	17.447, 40.333
348	112- 121	62- 71	17.447, 40.333	17.450, 40.725	17.825, 40.722	17.821, 40.329
349	112- 121	72- 81	17.821, 40.328	17.825, 40.721	18.199, 40.718	18.196, 40.324
350	112- 121	82- 91	18.196, 40.323	18.199, 40.718	18.574, 40.714	18.570, 40.319
351	112- 121	92- 101	18.570, 40.318	18.574, 40.714	18.949, 40.711	18.946, 40.314
352	112- 121	102- 111	18.946, 40.313	18.949, 40.710	19.325, 40.707	19.321, 40.309
353	112- 121	112- 121	19.321, 40.309	19.325, 40.706	19.700, 40.703	19.697, 40.304
354	112- 121	122- 131	19.697, 40.304	19.700, 40.703	20.076, 40.699	20.072, 40.299
355	112- 121	132- 141	20.072, 40.299	20.076, 40.699	20.452, 40.695	20.448, 40.294
356	112- 121	142- 151	20.448, 40.294	20.452, 40.695	20.828, 40.692	20.825, 40.289
357	112- 121	152- 161	20.825, 40.288	20.828, 40.691	21.205, 40.688	21.201, 40.284

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
358	112- 121	162- 171	21.201, 40.283	21.205, 40.687	21.581, 40.684	21.578, 40.279
359	112- 121	172- 181	21.578, 40.278	21.581, 40.683	21.958, 40.680	21.954, 40.274
360	112- 121	182- 191	21.954, 40.273	21.958, 40.679	22.335, 40.676	22.331, 40.269
361	112- 121	192- 201	22.331, 40.268	22.335, 40.675	22.712, 40.672	22.708, 40.263
362	112- 121	202- 211	22.708, 40.263	22.712, 40.672	23.089, 40.668	23.085, 40.258
363	112- 121	212- 221	23.085, 40.257	23.089, 40.667	23.466, 40.664	23.462, 40.253
364	112- 121	222- 231	23.462, 40.252	23.466, 40.663	23.843, 40.660	23.839, 40.247
365	112- 121	232- 241	23.839, 40.247	23.843, 40.659	24.220, 40.656	24.216, 40.242
366	112- 121	242- 251	24.216, 40.242	24.220, 40.655	24.598, 40.652	24.594, 40.237
367	112- 121	252- 261	24.594, 40.236	24.598, 40.651	24.975, 40.647	24.971, 40.231
368	112- 121	262- 271	24.971, 40.231	24.975, 40.647	25.352, 40.643	25.348, 40.226
369	112- 121	272- 281	25.348, 40.225	25.352, 40.643	25.729, 40.639	25.725, 40.221
370	112- 121	282- 291	25.725, 40.220	25.729, 40.639	26.107, 40.635	26.103, 40.215
371	112- 121	292- 301	26.103, 40.215	26.107, 40.635	26.484, 40.631	26.480, 40.209
372	112- 121	302- 309	26.480, 40.209	26.484, 40.630	26.766, 40.627	26.762, 40.205
373	122- 131	2- 11	15.222, 40.747	15.224, 41.132	15.587, 41.130	15.584, 40.744
374	122- 131	12- 21	15.584, 40.743	15.587, 41.130	15.960, 41.128	15.957, 40.740
375	122- 131	22- 31	15.957, 40.740	15.960, 41.128	16.333, 41.125	16.330, 40.736
376	122- 131	32- 41	16.330, 40.736	16.333, 41.125	16.706, 41.123	16.703, 40.733
377	122- 131	42- 51	16.703, 40.732	16.706, 41.122	17.080, 41.120	17.077, 40.729
378	122- 131	52- 61	17.077, 40.729	17.080, 41.120	17.453, 41.118	17.451, 40.725
379	122- 131	62- 71	17.451, 40.725	17.453, 41.117	17.828, 41.115	17.825, 40.722
380	122- 131	72- 81	17.825, 40.721	17.828, 41.115	18.202, 41.113	18.200, 40.718
381	122- 131	82- 91	18.200, 40.718	18.202, 41.112	18.577, 41.110	18.575, 40.714
382	122- 131	92- 101	18.575, 40.714	18.577, 41.110	18.952, 41.107	18.950, 40.711
383	122- 131	102- 111	18.950, 40.710	18.952, 41.107	19.328, 41.105	19.325, 40.707
384	122- 131	112- 121	19.325, 40.706	19.328, 41.104	19.703, 41.102	19.701, 40.703
385	122- 131	122- 131	19.701, 40.703	19.703, 41.102	20.079, 41.099	20.076, 40.699
386	122- 131	132- 141	20.076, 40.699	20.079, 41.099	20.455, 41.097	20.452, 40.695
387	122- 131	142- 151	20.452, 40.695	20.455, 41.097	20.832, 41.094	20.829, 40.692
388	122- 131	152- 161	20.829, 40.691	20.832, 41.094	21.208, 41.091	21.205, 40.688
389	122- 131	162- 171	21.205, 40.687	21.208, 41.091	21.584, 41.089	21.582, 40.684
390	122- 131	172- 181	21.582, 40.683	21.584, 41.088	21.961, 41.086	21.958, 40.680
391	122- 131	182- 191	21.958, 40.679	21.961, 41.086	22.338, 41.083	22.335, 40.676
392	122- 131	192- 201	22.335, 40.675	22.338, 41.083	22.715, 41.081	22.712, 40.672
393	122- 131	202- 211	22.712, 40.672	22.715, 41.080	23.092, 41.078	23.089, 40.668
394	122- 131	212- 221	23.089, 40.667	23.092, 41.077	23.469, 41.075	23.466, 40.664
395	122- 131	222- 231	23.466, 40.663	23.469, 41.075	23.846, 41.072	23.843, 40.660
396	122- 131	232- 241	23.843, 40.659	23.846, 41.072	24.224, 41.069	24.221, 40.656
397	122- 131	242- 251	24.221, 40.655	24.224, 41.069	24.601, 41.066	24.598, 40.652
398	122- 131	252- 261	24.598, 40.651	24.601, 41.066	24.978, 41.064	24.975, 40.647
399	122- 131	262- 271	24.975, 40.647	24.978, 41.063	25.355, 41.061	25.352, 40.643
400	122- 131	272- 281	25.352, 40.643	25.355, 41.061	25.733, 41.058	25.730, 40.639
401	122- 131	282- 291	25.730, 40.639	25.733, 41.058	26.110, 41.055	26.107, 40.635
402	122- 131	292- 301	26.107, 40.635	26.110, 41.055	26.487, 41.052	26.484, 40.631
403	122- 131	302- 309	26.484, 40.630	26.487, 41.052	26.770, 41.050	26.767, 40.627
404	132- 141	2- 11	15.224, 41.132	15.226, 41.518	15.589, 41.517	15.587, 41.130
405	132- 141	12- 21	15.587, 41.130	15.589, 41.517	15.961, 41.515	15.960, 41.128
406	132- 141	22- 31	15.960, 41.128	15.961, 41.515	16.334, 41.514	16.333, 41.125
407	132- 141	32- 41	16.333, 41.125	16.334, 41.514	16.708, 41.513	16.706, 41.123
408	132- 141	42- 51	16.706, 41.122	16.708, 41.513	17.081, 41.511	17.080, 41.120

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
409	132- 141	52- 61	17.080, 41.120	17.081, 41.511	17.455, 41.510	17.454, 41.118
410	132- 141	62- 71	17.454, 41.117	17.455, 41.510	17.830, 41.508	17.828, 41.115
411	132- 141	72- 81	17.828, 41.115	17.830, 41.508	18.204, 41.507	18.203, 41.113
412	132- 141	82- 91	18.203, 41.112	18.204, 41.507	18.579, 41.506	18.577, 41.110
413	132- 141	92- 101	18.577, 41.110	18.579, 41.505	18.954, 41.504	18.953, 41.107
414	132- 141	102- 111	18.953, 41.107	18.954, 41.504	19.330, 41.503	19.328, 41.105
415	132- 141	112- 121	19.328, 41.104	19.330, 41.503	19.705, 41.501	19.704, 41.102
416	132- 141	122- 131	19.704, 41.102	19.705, 41.501	20.081, 41.500	20.079, 41.099
417	132- 141	132- 141	20.079, 41.099	20.081, 41.500	20.457, 41.498	20.456, 41.097
418	132- 141	142- 151	20.456, 41.097	20.457, 41.498	20.833, 41.497	20.832, 41.094
419	132- 141	152- 161	20.832, 41.094	20.833, 41.497	21.210, 41.495	21.208, 41.091
420	132- 141	162- 171	21.208, 41.091	21.210, 41.495	21.586, 41.494	21.585, 41.089
421	132- 141	172- 181	21.585, 41.088	21.586, 41.494	21.963, 41.492	21.961, 41.086
422	132- 141	182- 191	21.961, 41.086	21.963, 41.492	22.340, 41.491	22.338, 41.083
423	132- 141	192- 201	22.338, 41.083	22.340, 41.491	22.717, 41.489	22.715, 41.081
424	132- 141	202- 211	22.715, 41.080	22.717, 41.489	23.094, 41.488	23.092, 41.078
425	132- 141	212- 221	23.092, 41.077	23.094, 41.487	23.471, 41.486	23.469, 41.075
426	132- 141	222- 231	23.469, 41.075	23.471, 41.486	23.848, 41.485	23.847, 41.072
427	132- 141	232- 241	23.847, 41.072	23.848, 41.484	24.226, 41.483	24.224, 41.069
428	132- 141	242- 251	24.224, 41.069	24.226, 41.483	24.603, 41.481	24.601, 41.066
429	132- 141	252- 261	24.601, 41.066	24.603, 41.481	24.980, 41.480	24.978, 41.064
430	132- 141	262- 271	24.978, 41.063	24.980, 41.480	25.357, 41.478	25.356, 41.061
431	132- 141	272- 281	25.356, 41.061	25.357, 41.478	25.735, 41.477	25.733, 41.058
432	132- 141	282- 291	25.733, 41.058	25.735, 41.476	26.112, 41.475	26.110, 41.055
433	132- 141	292- 301	26.110, 41.055	26.112, 41.475	26.489, 41.473	26.487, 41.052
434	132- 141	302- 309	26.487, 41.052	26.489, 41.473	26.772, 41.472	26.770, 41.050
435	142- 151	2- 11	15.226, 41.518	15.227, 41.904	15.590, 41.903	15.589, 41.517
436	142- 151	12- 21	15.589, 41.517	15.590, 41.903	15.962, 41.903	15.962, 41.515
437	142- 151	22- 31	15.962, 41.515	15.962, 41.903	16.335, 41.903	16.335, 41.514
438	142- 151	32- 41	16.335, 41.514	16.335, 41.903	16.709, 41.903	16.708, 41.513
439	142- 151	42- 51	16.708, 41.513	16.709, 41.903	17.082, 41.902	17.082, 41.511
440	142- 151	52- 61	17.082, 41.511	17.082, 41.902	17.456, 41.902	17.456, 41.510
441	142- 151	62- 71	17.456, 41.510	17.456, 41.902	17.831, 41.902	17.830, 41.508
442	142- 151	72- 81	17.830, 41.508	17.831, 41.902	18.205, 41.901	18.204, 41.507
443	142- 151	82- 91	18.204, 41.507	18.205, 41.901	18.580, 41.901	18.579, 41.506
444	142- 151	92- 101	18.579, 41.505	18.580, 41.901	18.955, 41.901	18.954, 41.504
445	142- 151	102- 111	18.954, 41.504	18.955, 41.901	19.331, 41.900	19.330, 41.503
446	142- 151	112- 121	19.330, 41.503	19.331, 41.900	19.706, 41.900	19.706, 41.501
447	142- 151	122- 131	19.706, 41.501	19.706, 41.900	20.082, 41.900	20.081, 41.500
448	142- 151	132- 141	20.081, 41.500	20.082, 41.900	20.458, 41.900	20.457, 41.498
449	142- 151	142- 151	20.457, 41.498	20.458, 41.900	20.834, 41.899	20.834, 41.497
450	142- 151	152- 161	20.834, 41.497	20.834, 41.899	21.211, 41.899	21.210, 41.495
451	142- 151	162- 171	21.210, 41.495	21.211, 41.899	21.587, 41.899	21.587, 41.494
452	142- 151	172- 181	21.587, 41.494	21.587, 41.899	21.964, 41.898	21.963, 41.492
453	142- 151	182- 191	21.963, 41.492	21.964, 41.898	22.341, 41.898	22.340, 41.491
454	142- 151	192- 201	22.340, 41.491	22.341, 41.898	22.718, 41.898	22.717, 41.489
455	142- 151	202- 211	22.717, 41.489	22.718, 41.898	23.095, 41.897	23.094, 41.488
456	142- 151	212- 221	23.094, 41.487	23.095, 41.897	23.472, 41.897	23.471, 41.486
457	142- 151	222- 231	23.471, 41.486	23.472, 41.897	23.849, 41.897	23.848, 41.485
458	142- 151	232- 241	23.848, 41.484	23.849, 41.897	24.227, 41.897	24.226, 41.483
459	142- 151	242- 251	24.226, 41.483	24.227, 41.897	24.604, 41.896	24.603, 41.481

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
460	142- 151	252- 261	24.603, 41.481	24.604, 41.896	24.981, 41.896	24.980, 41.480
461	142- 151	262- 271	24.980, 41.480	24.981, 41.896	25.358, 41.896	25.358, 41.478
462	142- 151	272- 281	25.358, 41.478	25.358, 41.896	25.736, 41.895	25.735, 41.477
463	142- 151	282- 291	25.735, 41.476	25.736, 41.895	26.113, 41.895	26.112, 41.475
464	142- 151	292- 301	26.112, 41.475	26.113, 41.895	26.490, 41.895	26.489, 41.473
465	142- 151	302- 309	26.489, 41.473	26.490, 41.895	26.773, 41.894	26.772, 41.472
466	152- 161	2- 11	15.227, 41.904	15.227, 42.289	15.590, 42.290	15.590, 41.903
467	152- 161	12- 21	15.590, 41.903	15.590, 42.290	15.962, 42.291	15.962, 41.903
468	152- 161	22- 31	15.962, 41.903	15.962, 42.291	16.335, 42.292	16.335, 41.903
469	152- 161	32- 41	16.335, 41.903	16.335, 42.292	16.708, 42.292	16.709, 41.903
470	152- 161	42- 51	16.709, 41.903	16.708, 42.292	17.082, 42.293	17.082, 41.902
471	152- 161	52- 61	17.082, 41.902	17.082, 42.293	17.456, 42.294	17.456, 41.902
472	152- 161	62- 71	17.456, 41.902	17.456, 42.294	17.830, 42.295	17.831, 41.902
473	152- 161	72- 81	17.831, 41.902	17.830, 42.295	18.205, 42.296	18.205, 41.901
474	152- 161	82- 91	18.205, 41.901	18.205, 42.296	18.580, 42.297	18.580, 41.901
475	152- 161	92- 101	18.580, 41.901	18.580, 42.297	18.955, 42.298	18.955, 41.901
476	152- 161	102- 111	18.955, 41.901	18.955, 42.298	19.330, 42.298	19.331, 41.900
477	152- 161	112- 121	19.331, 41.900	19.330, 42.299	19.706, 42.299	19.706, 41.900
478	152- 161	122- 131	19.706, 41.900	19.706, 42.299	20.082, 42.300	20.082, 41.900
479	152- 161	132- 141	20.082, 41.900	20.082, 42.300	20.458, 42.301	20.458, 41.900
480	152- 161	142- 151	20.458, 41.900	20.458, 42.301	20.834, 42.302	20.834, 41.899
481	152- 161	152- 161	20.834, 41.899	20.834, 42.302	21.211, 42.303	21.211, 41.899
482	152- 161	162- 171	21.211, 41.899	21.211, 42.303	21.587, 42.304	21.587, 41.899
483	152- 161	172- 181	21.587, 41.899	21.587, 42.304	21.964, 42.305	21.964, 41.898
484	152- 161	182- 191	21.964, 41.898	21.964, 42.305	22.341, 42.306	22.341, 41.898
485	152- 161	192- 201	22.341, 41.898	22.341, 42.306	22.718, 42.306	22.718, 41.898
486	152- 161	202- 211	22.718, 41.898	22.718, 42.307	23.095, 42.307	23.095, 41.897
487	152- 161	212- 221	23.095, 41.897	23.095, 42.307	23.472, 42.308	23.472, 41.897
488	152- 161	222- 231	23.472, 41.897	23.472, 42.308	23.849, 42.309	23.849, 41.897
489	152- 161	232- 241	23.849, 41.897	23.849, 42.309	24.226, 42.310	24.227, 41.897
490	152- 161	242- 251	24.227, 41.897	24.226, 42.310	24.604, 42.311	24.604, 41.896
491	152- 161	252- 261	24.604, 41.896	24.604, 42.311	24.981, 42.312	24.981, 41.896
492	152- 161	262- 271	24.981, 41.896	24.981, 42.312	25.358, 42.313	25.358, 41.896
493	152- 161	272- 281	25.358, 41.896	25.358, 42.313	25.735, 42.314	25.736, 41.895
494	152- 161	282- 291	25.736, 41.895	25.735, 42.314	26.113, 42.315	26.113, 41.895
495	152- 161	292- 301	26.113, 41.895	26.113, 42.315	26.490, 42.316	26.490, 41.895
496	152- 161	302- 309	26.490, 41.895	26.490, 42.316	26.773, 42.317	26.773, 41.894
497	162- 171	2- 11	15.226, 42.289	15.225, 42.675	15.588, 42.676	15.589, 42.290
498	162- 171	12- 21	15.589, 42.290	15.588, 42.677	15.961, 42.678	15.962, 42.291
499	162- 171	22- 31	15.962, 42.291	15.961, 42.679	16.334, 42.680	16.335, 42.292
500	162- 171	32- 41	16.335, 42.292	16.334, 42.681	16.707, 42.682	16.708, 42.292
501	162- 171	42- 51	16.708, 42.292	16.707, 42.682	17.081, 42.684	17.082, 42.293
502	162- 171	52- 61	17.082, 42.293	17.081, 42.684	17.455, 42.686	17.456, 42.294
503	162- 171	62- 71	17.456, 42.294	17.455, 42.687	17.829, 42.688	17.830, 42.295
504	162- 171	72- 81	17.830, 42.295	17.829, 42.688	18.204, 42.690	18.205, 42.296
505	162- 171	82- 91	18.205, 42.296	18.204, 42.690	18.579, 42.692	18.580, 42.297
506	162- 171	92- 101	18.580, 42.297	18.579, 42.692	18.954, 42.694	18.955, 42.298
507	162- 171	102- 111	18.955, 42.298	18.954, 42.694	19.329, 42.696	19.330, 42.298
508	162- 171	112- 121	19.330, 42.299	19.329, 42.697	19.705, 42.698	19.706, 42.299
509	162- 171	122- 131	19.706, 42.299	19.705, 42.699	20.081, 42.700	20.082, 42.300
510	162- 171	132- 141	20.082, 42.300	20.081, 42.701	20.457, 42.702	20.458, 42.301

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
511	162- 171	142- 151	20.458, 42.301	20.457, 42.703	20.833, 42.705	20.834, 42.302
512	162- 171	152- 161	20.834, 42.302	20.833, 42.705	21.209, 42.707	21.210, 42.303
513	162- 171	162- 171	21.210, 42.303	21.209, 42.707	21.586, 42.709	21.587, 42.304
514	162- 171	172- 181	21.587, 42.304	21.586, 42.709	21.963, 42.711	21.964, 42.305
515	162- 171	182- 191	21.964, 42.305	21.963, 42.711	22.339, 42.713	22.341, 42.306
516	162- 171	192- 201	22.341, 42.306	22.339, 42.713	22.716, 42.715	22.718, 42.306
517	162- 171	202- 211	22.718, 42.307	22.716, 42.715	23.093, 42.717	23.095, 42.307
518	162- 171	212- 221	23.095, 42.307	23.093, 42.717	23.470, 42.719	23.472, 42.308
519	162- 171	222- 231	23.472, 42.308	23.470, 42.720	23.848, 42.722	23.849, 42.309
520	162- 171	232- 241	23.849, 42.309	23.848, 42.722	24.225, 42.724	24.226, 42.310
521	162- 171	242- 251	24.226, 42.310	24.225, 42.724	24.602, 42.726	24.603, 42.311
522	162- 171	252- 261	24.603, 42.311	24.602, 42.726	24.979, 42.728	24.981, 42.312
523	162- 171	262- 271	24.981, 42.312	24.979, 42.729	25.357, 42.730	25.358, 42.313
524	162- 171	272- 281	25.358, 42.313	25.357, 42.731	25.734, 42.733	25.735, 42.314
525	162- 171	282- 291	25.735, 42.314	25.734, 42.733	26.111, 42.735	26.113, 42.315
526	162- 171	292- 301	26.113, 42.315	26.111, 42.735	26.488, 42.737	26.490, 42.316
527	162- 171	302- 309	26.490, 42.316	26.488, 42.738	26.771, 42.739	26.773, 42.317
528	172- 181	2- 11	15.225, 42.675	15.223, 43.060	15.586, 43.063	15.588, 42.676
529	172- 181	12- 21	15.588, 42.677	15.586, 43.063	15.958, 43.066	15.961, 42.678
530	172- 181	22- 31	15.961, 42.679	15.958, 43.066	16.331, 43.069	16.334, 42.680
531	172- 181	32- 41	16.334, 42.681	16.331, 43.069	16.705, 43.072	16.707, 42.682
532	172- 181	42- 51	16.707, 42.682	16.705, 43.073	17.078, 43.075	17.081, 42.684
533	172- 181	52- 61	17.081, 42.684	17.078, 43.076	17.452, 43.078	17.455, 42.686
534	172- 181	62- 71	17.455, 42.687	17.452, 43.079	17.827, 43.082	17.829, 42.688
535	172- 181	72- 81	17.829, 42.688	17.827, 43.082	18.201, 43.085	18.203, 42.690
536	172- 181	82- 91	18.203, 42.690	18.201, 43.085	18.576, 43.088	18.578, 42.692
537	172- 181	92- 101	18.578, 42.692	18.576, 43.088	18.951, 43.091	18.953, 42.694
538	172- 181	102- 111	18.953, 42.694	18.951, 43.091	19.327, 43.094	19.329, 42.696
539	172- 181	112- 121	19.329, 42.697	19.327, 43.094	19.702, 43.097	19.705, 42.698
540	172- 181	122- 131	19.705, 42.699	19.702, 43.098	20.078, 43.101	20.080, 42.700
541	172- 181	132- 141	20.080, 42.701	20.078, 43.101	20.454, 43.104	20.456, 42.702
542	172- 181	142- 151	20.456, 42.703	20.454, 43.104	20.830, 43.107	20.833, 42.705
543	172- 181	152- 161	20.833, 42.705	20.830, 43.107	21.207, 43.110	21.209, 42.707
544	172- 181	162- 171	21.209, 42.707	21.207, 43.111	21.583, 43.114	21.586, 42.709
545	172- 181	172- 181	21.586, 42.709	21.583, 43.114	21.960, 43.117	21.962, 42.711
546	172- 181	182- 191	21.962, 42.711	21.960, 43.117	22.337, 43.120	22.339, 42.713
547	172- 181	192- 201	22.339, 42.713	22.337, 43.121	22.714, 43.124	22.716, 42.715
548	172- 181	202- 211	22.716, 42.715	22.714, 43.124	23.091, 43.127	23.093, 42.717
549	172- 181	212- 221	23.093, 42.717	23.091, 43.127	23.468, 43.131	23.470, 42.719
550	172- 181	222- 231	23.470, 42.720	23.468, 43.131	23.845, 43.134	23.847, 42.722
551	172- 181	232- 241	23.847, 42.722	23.845, 43.134	24.222, 43.137	24.225, 42.724
552	172- 181	242- 251	24.225, 42.724	24.222, 43.138	24.600, 43.141	24.602, 42.726
553	172- 181	252- 261	24.602, 42.726	24.600, 43.141	24.977, 43.144	24.979, 42.728
554	172- 181	262- 271	24.979, 42.729	24.977, 43.145	25.354, 43.148	25.357, 42.730
555	172- 181	272- 281	25.357, 42.731	25.354, 43.148	25.731, 43.151	25.734, 42.733
556	172- 181	282- 291	25.734, 42.733	25.731, 43.152	26.109, 43.155	26.111, 42.735
557	172- 181	292- 301	26.111, 42.735	26.109, 43.155	26.486, 43.159	26.488, 42.737
558	172- 181	302- 309	26.488, 42.738	26.486, 43.159	26.769, 43.161	26.771, 42.739
559	182- 191	2- 11	15.223, 43.060	15.220, 43.446	15.583, 43.450	15.586, 43.063
560	182- 191	12- 21	15.586, 43.063	15.583, 43.450	15.955, 43.454	15.958, 43.066
561	182- 191	22- 31	15.958, 43.066	15.955, 43.454	16.328, 43.458	16.331, 43.069

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
562	182- 191	32- 41	16.331, 43.069	16.328, 43.458	16.701, 43.462	16.704, 43.072
563	182- 191	42- 51	16.704, 43.073	16.701, 43.463	17.075, 43.466	17.078, 43.075
564	182- 191	52- 61	17.078, 43.076	17.075, 43.467	17.449, 43.471	17.452, 43.078
565	182- 191	62- 71	17.452, 43.079	17.449, 43.471	17.823, 43.475	17.826, 43.082
566	182- 191	72- 81	17.826, 43.082	17.823, 43.475	18.198, 43.479	18.201, 43.085
567	182- 191	82- 91	18.201, 43.085	18.198, 43.479	18.573, 43.483	18.576, 43.088
568	182- 191	92- 101	18.576, 43.088	18.573, 43.484	18.948, 43.488	18.951, 43.091
569	182- 191	102- 111	18.951, 43.091	18.948, 43.488	19.323, 43.492	19.326, 43.094
570	182- 191	112- 121	19.326, 43.094	19.323, 43.493	19.699, 43.496	19.702, 43.097
571	182- 191	122- 131	19.702, 43.098	19.699, 43.497	20.075, 43.501	20.078, 43.101
572	182- 191	132- 141	20.078, 43.101	20.075, 43.501	20.451, 43.505	20.454, 43.104
573	182- 191	142- 151	20.454, 43.104	20.451, 43.506	20.827, 43.510	20.830, 43.107
574	182- 191	152- 161	20.830, 43.107	20.827, 43.510	21.203, 43.514	21.206, 43.110
575	182- 191	162- 171	21.206, 43.111	21.203, 43.515	21.580, 43.519	21.583, 43.114
576	182- 191	172- 181	21.583, 43.114	21.580, 43.519	21.956, 43.523	21.960, 43.117
577	182- 191	182- 191	21.960, 43.117	21.956, 43.524	22.333, 43.528	22.337, 43.120
578	182- 191	192- 201	22.337, 43.121	22.333, 43.528	22.710, 43.532	22.714, 43.124
579	182- 191	202- 211	22.714, 43.124	22.710, 43.533	23.087, 43.537	23.091, 43.127
580	182- 191	212- 221	23.091, 43.127	23.087, 43.537	23.464, 43.542	23.468, 43.131
581	182- 191	222- 231	23.468, 43.131	23.464, 43.542	23.841, 43.546	23.845, 43.134
582	182- 191	232- 241	23.845, 43.134	23.841, 43.547	24.219, 43.551	24.222, 43.137
583	182- 191	242- 251	24.222, 43.138	24.219, 43.551	24.596, 43.556	24.599, 43.141
584	182- 191	252- 261	24.599, 43.141	24.596, 43.556	24.973, 43.561	24.977, 43.144
585	182- 191	262- 271	24.977, 43.145	24.973, 43.561	25.350, 43.565	25.354, 43.148
586	182- 191	272- 281	25.354, 43.148	25.350, 43.566	25.728, 43.570	25.731, 43.151
587	182- 191	282- 291	25.731, 43.152	25.728, 43.571	26.105, 43.575	26.108, 43.155
588	182- 191	292- 301	26.108, 43.155	26.105, 43.576	26.482, 43.580	26.486, 43.159
589	182- 191	302- 309	26.486, 43.159	26.482, 43.580	26.859, 43.584	26.863, 43.163
590	192- 204	2- 11	15.219, 43.446	15.214, 43.937	15.577, 43.942	15.582, 43.450
591	192- 204	12- 21	15.582, 43.450	15.577, 43.943	15.949, 43.948	15.955, 43.454
592	192- 204	22- 31	15.955, 43.454	15.949, 43.948	16.322, 43.954	16.328, 43.458
593	192- 204	32- 41	16.328, 43.458	16.322, 43.954	16.695, 43.959	16.701, 43.462
594	192- 204	42- 51	16.701, 43.463	16.695, 43.960	17.069, 43.965	17.075, 43.466
595	192- 204	52- 61	17.075, 43.467	17.069, 43.965	17.443, 43.970	17.448, 43.471
596	192- 204	62- 71	17.448, 43.471	17.443, 43.971	17.817, 43.976	17.823, 43.475
597	192- 204	72- 81	17.823, 43.475	17.817, 43.977	18.192, 43.982	18.197, 43.479
598	192- 204	82- 91	18.197, 43.479	18.192, 43.982	18.566, 43.988	18.572, 43.483
599	192- 204	92- 101	18.572, 43.484	18.566, 43.988	18.942, 43.993	18.947, 43.488
600	192- 204	102- 111	18.947, 43.488	18.942, 43.994	19.317, 43.999	19.323, 43.492
601	192- 204	112- 121	19.323, 43.493	19.317, 44.000	19.693, 44.005	19.698, 43.496
602	192- 204	122- 131	19.698, 43.497	19.693, 44.006	20.068, 44.011	20.074, 43.501
603	192- 204	132- 141	20.074, 43.501	20.068, 44.012	20.444, 44.017	20.450, 43.505
604	192- 204	142- 151	20.450, 43.506	20.444, 44.018	20.820, 44.023	20.826, 43.510
605	192- 204	152- 161	20.826, 43.510	20.820, 44.024	21.197, 44.029	21.203, 43.514
606	192- 204	162- 171	21.203, 43.515	21.197, 44.030	21.573, 44.035	21.579, 43.519
607	192- 204	172- 181	21.579, 43.519	21.573, 44.036	21.950, 44.041	21.956, 43.523
608	192- 204	182- 191	21.956, 43.524	21.950, 44.042	22.327, 44.047	22.333, 43.528
609	192- 204	192- 201	22.333, 43.528	22.327, 44.048	22.704, 44.053	22.710, 43.532
610	192- 204	202- 211	22.710, 43.533	22.704, 44.054	23.081, 44.060	23.087, 43.537
611	192- 204	212- 221	23.087, 43.537	23.081, 44.060	23.458, 44.066	23.464, 43.542
612	192- 204	222- 231	23.464, 43.542	23.458, 44.066	23.835, 44.072	23.841, 43.546

4km MM5 Data for Middle East (D4): Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
613	192- 204	232- 241	23.841, 43.547	23.835, 44.073	24.212, 44.078	24.218, 43.551
614	192- 204	242- 251	24.218, 43.551	24.212, 44.079	24.589, 44.085	24.596, 43.556
615	192- 204	252- 261	24.596, 43.556	24.589, 44.085	24.967, 44.091	24.973, 43.561
616	192- 204	262- 271	24.973, 43.561	24.967, 44.092	25.344, 44.097	25.350, 43.565
617	192- 204	272- 281	25.350, 43.566	25.344, 44.098	25.721, 44.104	25.727, 43.570
618	192- 204	282- 291	25.727, 43.571	25.721, 44.105	26.098, 44.110	26.104, 43.575
619	192- 204	292- 301	26.104, 43.576	26.098, 44.111	26.475, 44.117	26.482, 43.580
620	192- 204	302- 309	26.482, 43.580	26.475, 44.118	26.758, 44.122	26.765, 43.584