

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
1	2- 11	2- 11	33.557, -8.598	33.791, -7.472	34.731, -7.749	34.494, -8.891
2	2- 11	12- 21	34.598, -8.924	34.836, -7.780	35.780, -8.066	35.537, -9.227
3	2- 11	22- 31	35.642, -9.261	35.886, -8.099	36.833, -8.395	36.584, -9.575
4	2- 11	32- 41	36.689, -9.611	36.938, -8.429	37.888, -8.736	37.634, -9.936
5	2- 11	42- 51	37.739, -9.972	37.994, -8.771	38.946, -9.089	38.687, -10.309
6	2- 11	52- 61	38.792, -10.348	39.052, -9.125	40.007, -9.456	39.741, -10.697
7	2- 11	62- 71	39.847, -10.737	40.113, -9.493	41.069, -9.836	40.798, -11.099
8	2- 11	72- 81	40.903, -11.141	41.175, -9.875	42.133, -10.232	41.856, -11.517
9	2- 11	82- 91	41.961, -11.560	42.239, -10.272	43.198, -10.643	42.915, -11.951
10	2- 11	92-101	43.021, -11.996	43.305, -10.685	44.264, -11.071	43.974, -12.403
11	2- 11	102-111	44.080, -12.449	44.370, -11.114	45.330, -11.516	45.034, -12.873
12	2- 11	112-121	45.140, -12.921	45.437, -11.561	46.396, -11.980	46.093, -13.362
13	2- 11	122-131	46.199, -13.412	46.502, -12.027	47.461, -12.463	47.152, -13.872
14	2- 11	132-141	47.257, -13.925	47.568, -12.513	48.525, -12.968	48.209, -14.404
15	2- 11	142-151	48.314, -14.459	48.632, -13.020	49.588, -13.495	49.264, -14.960
16	2- 11	152-161	49.370, -15.016	49.694, -13.550	50.648, -14.047	50.317, -15.540
17	2- 11	162-171	50.422, -15.599	50.754, -14.103	51.706, -14.623	51.368, -16.146
18	2- 11	172-181	51.472, -16.208	51.812, -14.682	52.761, -15.227	52.414, -16.781
19	2- 11	182-191	52.519, -16.846	52.866, -15.289	53.812, -15.860	53.457, -17.446
20	2- 11	192-201	53.561, -17.514	53.917, -15.925	54.858, -16.524	54.495, -18.143
21	2- 11	202-211	54.599, -18.214	54.962, -16.592	55.900, -17.222	55.528, -18.874
22	2- 11	212-221	55.631, -18.949	56.003, -17.293	56.935, -17.955	56.555, -19.643
23	2- 11	222-231	56.657, -19.722	57.038, -18.030	57.965, -18.727	57.576, -20.451
24	2- 11	232-240	57.677, -20.534	58.067, -18.806	58.885, -19.457	58.488, -21.215
25	12- 21	2- 11	33.816, -7.346	34.033, -6.211	34.979, -6.469	34.757, -7.621
26	12- 21	12- 21	34.862, -7.652	35.084, -6.498	36.034, -6.765	35.807, -7.937
27	12- 21	22- 31	35.912, -7.969	36.139, -6.796	37.091, -7.072	36.860, -8.263
28	12- 21	32- 41	36.965, -8.297	37.197, -7.104	38.153, -7.391	37.916, -8.602
29	12- 21	42- 51	38.021, -8.636	38.259, -7.423	39.216, -7.720	38.974, -8.953
30	12- 21	52- 61	39.080, -8.989	39.323, -7.754	40.283, -8.063	40.035, -9.317
31	12- 21	62- 71	40.141, -9.354	40.390, -8.098	41.351, -8.419	41.098, -9.695
32	12- 21	72- 81	41.205, -9.734	41.458, -8.455	42.422, -8.788	42.163, -10.088
33	12- 21	82- 91	42.269, -10.128	42.529, -8.826	43.493, -9.173	43.229, -10.497
34	12- 21	92-101	43.335, -10.538	43.600, -9.212	44.566, -9.573	44.295, -10.922
35	12- 21	102-111	44.402, -10.965	44.673, -9.614	45.639, -9.990	45.362, -11.364
36	12- 21	112-121	45.468, -11.409	45.746, -10.033	46.711, -10.425	46.428, -11.825
37	12- 21	122-131	46.535, -11.872	46.819, -10.469	47.784, -10.878	47.494, -12.306
38	12- 21	132-141	47.601, -12.355	47.891, -10.925	48.855, -11.351	48.560, -12.807
39	12- 21	142-151	48.666, -12.859	48.963, -11.400	49.926, -11.846	49.623, -13.332
40	12- 21	152-161	49.729, -13.385	50.033, -11.897	50.994, -12.363	50.684, -13.879
41	12- 21	162-171	50.790, -13.936	51.100, -12.417	52.060, -12.905	51.743, -14.453
42	12- 21	172-181	51.848, -14.511	52.166, -12.961	53.122, -13.473	52.798, -15.053
43	12- 21	182-191	52.903, -15.115	53.229, -13.531	54.182, -14.068	53.850, -15.682
44	12- 21	192-201	53.955, -15.747	54.287, -14.130	55.237, -14.694	54.897, -16.343
45	12- 21	202-211	55.002, -16.410	55.342, -14.758	56.287, -15.351	55.939, -17.036
46	12- 21	212-221	56.043, -17.108	56.392, -15.419	57.332, -16.043	56.976, -17.766
47	12- 21	222-231	57.079, -17.841	57.436, -16.114	58.371, -16.772	58.007, -18.533
48	12- 21	232-240	58.109, -18.612	58.475, -16.847	59.300, -17.462	58.928, -19.260

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
49	22- 31	2- 11	34.057, -6.085	34.258, -4.941	35.208, -5.180	35.003, -6.341
50	22- 31	12- 21	35.108, -6.370	35.314, -5.207	36.268, -5.454	36.058, -6.635
51	22- 31	22- 31	36.164, -6.665	36.374, -5.482	37.331, -5.739	37.116, -6.939
52	22- 31	32- 41	37.222, -6.971	37.438, -5.767	38.398, -6.034	38.178, -7.255
53	22- 31	42- 51	38.284, -7.288	38.505, -6.064	39.467, -6.339	39.242, -7.583
54	22- 31	52- 61	39.349, -7.616	39.574, -6.371	40.539, -6.657	40.309, -7.923
55	22- 31	62- 71	40.416, -7.958	40.646, -6.690	41.613, -6.987	41.379, -8.276
56	22- 31	72- 81	41.486, -8.312	41.721, -7.021	42.689, -7.331	42.449, -8.643
57	22- 31	82- 91	42.556, -8.681	42.797, -7.366	43.767, -7.688	43.521, -9.025
58	22- 31	92-101	43.629, -9.064	43.875, -7.724	44.846, -8.059	44.595, -9.423
59	22- 31	102-111	44.702, -9.463	44.953, -8.097	45.925, -8.447	45.668, -9.837
60	22- 31	112-121	45.776, -9.879	46.033, -8.486	47.004, -8.851	46.742, -10.268
61	22- 31	122-131	46.849, -10.312	47.112, -8.892	48.083, -9.273	47.815, -10.718
62	22- 31	132-141	47.922, -10.764	48.191, -9.316	49.162, -9.713	48.887, -11.189
63	22- 31	142-151	48.994, -11.237	49.270, -9.758	50.239, -10.174	49.958, -11.680
64	22- 31	152-161	50.065, -11.730	50.347, -10.221	51.315, -10.656	51.027, -12.194
65	22- 31	162-171	51.134, -12.247	51.422, -10.706	52.388, -11.161	52.093, -12.732
66	22- 31	172-181	52.200, -12.787	52.495, -11.213	53.458, -11.691	53.157, -13.296
67	22- 31	182-191	53.263, -13.354	53.565, -11.745	54.526, -12.247	54.217, -13.888
68	22- 31	192-201	54.323, -13.948	54.632, -12.304	55.589, -12.832	55.273, -14.509
69	22- 31	202-211	55.379, -14.573	55.695, -12.892	56.648, -13.446	56.324, -15.162
70	22- 31	212-221	56.429, -15.229	56.753, -13.510	57.701, -14.094	57.370, -15.850
71	22- 31	222-231	57.474, -15.921	57.806, -14.161	58.749, -14.777	58.410, -16.574
72	22- 31	232-240	58.514, -16.649	58.854, -14.848	59.687, -15.425	59.340, -17.261
73	32- 41	2- 11	34.280, -4.813	34.465, -3.661	35.420, -3.881	35.230, -5.050
74	32- 41	12- 21	35.336, -5.077	35.526, -3.905	36.484, -4.133	36.291, -5.322
75	32- 41	22- 31	36.397, -5.350	36.590, -4.159	37.552, -4.394	37.354, -5.605
76	32- 41	32- 41	37.461, -5.633	37.659, -4.421	38.623, -4.665	38.421, -5.897
77	32- 41	42- 51	38.528, -5.927	38.731, -4.693	39.698, -4.947	39.491, -6.201
78	32- 41	52- 61	39.598, -6.232	39.805, -4.976	40.775, -5.239	40.564, -6.516
79	32- 41	62- 71	40.671, -6.548	40.883, -5.269	41.854, -5.543	41.638, -6.843
80	32- 41	72- 81	41.746, -6.877	41.963, -5.574	42.936, -5.859	42.715, -7.184
81	32- 41	82- 91	42.823, -7.219	43.044, -5.891	44.019, -6.188	43.793, -7.538
82	32- 41	92-101	43.901, -7.575	44.128, -6.221	45.104, -6.530	44.872, -7.907
83	32- 41	102-111	44.980, -7.945	45.212, -6.565	46.189, -6.887	45.952, -8.292
84	32- 41	112-121	46.060, -8.331	46.297, -6.924	47.274, -7.260	47.032, -8.693
85	32- 41	122-131	47.140, -8.734	47.383, -7.298	48.360, -7.648	48.112, -9.111
86	32- 41	132-141	48.220, -9.154	48.468, -7.688	49.444, -8.055	49.191, -9.548
87	32- 41	142-151	49.299, -9.593	49.553, -8.097	50.528, -8.481	50.269, -10.006
88	32- 41	152-161	50.377, -10.052	50.636, -8.524	51.610, -8.926	51.345, -10.484
89	32- 41	162-171	51.453, -10.533	51.718, -8.972	52.691, -9.393	52.419, -10.986
90	32- 41	172-181	52.527, -11.037	52.799, -9.441	53.768, -9.883	53.491, -11.511
91	32- 41	182-191	53.597, -11.565	53.876, -9.933	54.843, -10.398	54.558, -12.063
92	32- 41	192-201	54.665, -12.120	54.950, -10.450	55.914, -10.939	55.623, -12.644
93	32- 41	202-211	55.729, -12.703	56.021, -10.995	56.981, -11.509	56.682, -13.254
94	32- 41	212-221	56.788, -13.317	57.087, -11.568	58.042, -12.110	57.737, -13.897
95	32- 41	222-231	57.842, -13.964	58.148, -12.172	59.099, -12.744	58.786, -14.576
96	32- 41	232-240	58.890, -14.646	59.204, -12.810	60.045, -13.346	59.724, -15.219

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
97	42- 51	2- 11	34.485, -3.533	34.654, -2.373	35.612, -2.573	35.440, -3.750
98	42- 51	12- 21	35.546, -3.775	35.719, -2.595	36.681, -2.802	36.504, -4.000
99	42- 51	22- 31	36.611, -4.026	36.788, -2.826	37.753, -3.040	37.573, -4.259
100	42- 51	32- 41	37.680, -4.286	37.861, -3.064	38.829, -3.287	38.645, -4.528
101	42- 51	42- 51	38.752, -4.555	38.937, -3.312	39.908, -3.543	39.720, -4.807
102	42- 51	52- 61	39.827, -4.835	40.016, -3.569	40.990, -3.809	40.797, -5.096
103	42- 51	62- 71	40.905, -5.126	41.098, -3.836	42.075, -4.086	41.877, -5.398
104	42- 51	72- 81	41.986, -5.428	42.183, -4.114	43.161, -4.374	42.959, -5.711
105	42- 51	82- 91	43.068, -5.743	43.270, -4.403	44.249, -4.674	44.043, -6.037
106	42- 51	92-101	44.152, -6.070	44.358, -4.704	45.339, -4.986	45.128, -6.376
107	42- 51	102-111	45.237, -6.411	45.448, -5.018	46.430, -5.312	46.214, -6.730
108	42- 51	112-121	46.322, -6.766	46.539, -5.345	47.521, -5.652	47.300, -7.099
109	42- 51	122-131	47.409, -7.137	47.630, -5.686	48.612, -6.007	48.386, -7.485
110	42- 51	132-141	48.494, -7.525	48.721, -6.043	49.702, -6.378	49.471, -7.888
111	42- 51	142-151	49.580, -7.930	49.811, -6.416	50.792, -6.767	50.556, -8.310
112	42- 51	152-161	50.664, -8.353	50.901, -6.807	51.881, -7.174	51.639, -8.752
113	42- 51	162-171	51.747, -8.797	51.989, -7.216	52.967, -7.601	52.720, -9.215
114	42- 51	172-181	52.827, -9.262	53.076, -7.645	54.052, -8.050	53.798, -9.701
115	42- 51	182-191	53.905, -9.750	54.160, -8.096	55.133, -8.521	54.873, -10.211
116	42- 51	192-201	54.980, -10.264	55.241, -8.570	56.211, -9.018	55.945, -10.748
117	42- 51	202-211	56.052, -10.803	56.319, -9.069	57.285, -9.540	57.012, -11.314
118	42- 51	212-221	57.119, -11.372	57.392, -9.594	58.355, -10.092	58.075, -11.910
119	42- 51	222-231	58.181, -11.971	58.461, -10.149	59.419, -10.675	59.132, -12.539
120	42- 51	232-240	59.238, -12.604	59.525, -10.735	60.372, -11.229	60.079, -13.136
121	52- 61	2- 11	34.672, -2.244	34.824, -1.078	35.786, -1.257	35.630, -2.442
122	52- 61	12- 21	35.737, -2.464	35.893, -1.277	36.859, -1.463	36.699, -2.669
123	52- 61	22- 31	36.806, -2.692	36.966, -1.484	37.935, -1.677	37.772, -2.904
124	52- 61	32- 41	37.880, -2.928	38.043, -1.699	39.015, -1.899	38.849, -3.149
125	52- 61	42- 51	38.956, -3.174	39.123, -1.922	40.098, -2.130	39.928, -3.402
126	52- 61	52- 61	40.036, -3.428	40.207, -2.153	41.184, -2.369	41.011, -3.666
127	52- 61	62- 71	41.119, -3.693	41.293, -2.394	42.273, -2.618	42.095, -3.940
128	52- 61	72- 81	42.204, -3.968	42.382, -2.644	43.364, -2.877	43.182, -4.225
129	52- 61	82- 91	43.291, -4.254	43.474, -2.904	44.457, -3.147	44.271, -4.522
130	52- 61	92-101	44.380, -4.552	44.567, -3.175	45.552, -3.428	45.361, -4.831
131	52- 61	102-111	45.470, -4.862	45.661, -3.457	46.647, -3.722	46.452, -5.153
132	52- 61	112-121	46.562, -5.186	46.757, -3.752	47.743, -4.029	47.544, -5.490
133	52- 61	122-131	47.653, -5.524	47.853, -4.060	48.840, -4.349	48.636, -5.842
134	52- 61	132-141	48.745, -5.878	48.949, -4.382	49.936, -4.684	49.727, -6.209
135	52- 61	142-151	49.836, -6.247	50.045, -4.718	51.031, -5.035	50.817, -6.595
136	52- 61	152-161	50.926, -6.634	51.140, -5.071	52.125, -5.403	51.906, -6.998
137	52- 61	162-171	52.015, -7.039	52.234, -5.440	53.218, -5.788	52.994, -7.421
138	52- 61	172-181	53.102, -7.464	53.327, -5.828	54.308, -6.194	54.078, -7.865
139	52- 61	182-191	54.187, -7.911	54.417, -6.236	55.396, -6.621	55.161, -8.332
140	52- 61	192-201	55.269, -8.380	55.504, -6.664	56.480, -7.070	56.239, -8.824
141	52- 61	202-211	56.347, -8.875	56.588, -7.116	57.561, -7.543	57.314, -9.342
142	52- 61	212-221	57.421, -9.395	57.669, -7.592	58.637, -8.043	58.384, -9.889
143	52- 61	222-231	58.491, -9.945	58.745, -8.095	59.709, -8.572	59.449, -10.466
144	52- 61	232-240	59.556, -10.526	59.816, -8.627	60.668, -9.075	60.403, -11.015

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Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
145	62- 71	2- 11	34.840, -0.948	34.976, 0.225	35.941, 0.066	35.802, -1.125
146	62- 71	12- 21	35.909, -1.145	36.048, 0.048	37.017, -0.117	36.875, -1.329
147	62- 71	22- 31	36.983, -1.350	37.125, -0.135	38.097, -0.306	37.952, -1.541
148	62- 71	32- 41	38.060, -1.562	38.205, -0.326	39.180, -0.503	39.032, -1.760
149	62- 71	42- 51	39.141, -1.782	39.289, -0.523	40.268, -0.707	40.116, -1.988
150	62- 71	52- 61	40.225, -2.011	40.376, -0.728	41.358, -0.919	41.203, -2.224
151	62- 71	62- 71	41.312, -2.249	41.467, -0.941	42.450, -1.140	42.292, -2.471
152	62- 71	72- 81	42.401, -2.496	42.560, -1.163	43.546, -1.370	43.383, -2.727
153	62- 71	82- 91	43.493, -2.753	43.655, -1.393	44.643, -1.609	44.477, -2.994
154	62- 71	92-101	44.586, -3.021	44.752, -1.634	45.741, -1.859	45.572, -3.272
155	62- 71	102-111	45.681, -3.301	45.851, -1.885	46.841, -2.119	46.668, -3.562
156	62- 71	112-121	46.777, -3.592	46.951, -2.146	47.942, -2.392	47.764, -3.865
157	62- 71	122-131	47.874, -3.897	48.052, -2.420	49.043, -2.676	48.861, -4.182
158	62- 71	132-141	48.971, -4.215	49.153, -2.705	50.144, -2.974	49.958, -4.514
159	62- 71	142-151	50.067, -4.548	50.254, -3.004	51.244, -3.286	51.053, -4.861
160	62- 71	152-161	51.163, -4.896	51.354, -3.318	52.343, -3.613	52.148, -5.224
161	62- 71	162-171	52.257, -5.262	52.453, -3.646	53.441, -3.956	53.241, -5.606
162	62- 71	172-181	53.350, -5.645	53.550, -3.991	54.537, -4.317	54.332, -6.007
163	62- 71	182-191	54.441, -6.048	54.646, -4.354	55.630, -4.697	55.420, -6.429
164	62- 71	192-201	55.529, -6.472	55.739, -4.736	56.720, -5.097	56.505, -6.873
165	62- 71	202-211	56.614, -6.919	56.829, -5.138	57.807, -5.519	57.587, -7.342
166	62- 71	212-221	57.695, -7.390	57.915, -5.563	58.890, -5.966	58.664, -7.837
167	62- 71	222-231	58.771, -7.888	58.998, -6.012	59.968, -6.438	59.736, -8.360
168	62- 71	232-240	59.843, -8.414	60.075, -6.487	60.933, -6.887	60.696, -8.858
169	72- 81	2- 11	34.990, 0.355	35.109, 1.533	36.076, 1.395	35.955, 0.199
170	72- 81	12- 21	36.063, 0.181	36.184, 1.380	37.155, 1.237	37.032, 0.018
171	72- 81	22- 31	37.139, 0.000	37.264, 1.220	38.238, 1.072	38.112, -0.169
172	72- 81	32- 41	38.220, -0.188	38.347, 1.055	39.325, 0.901	39.196, -0.363
173	72- 81	42- 51	39.304, -0.383	39.434, 0.884	40.416, 0.724	40.283, -0.564
174	72- 81	52- 61	40.392, -0.585	40.525, 0.705	41.509, 0.539	41.374, -0.774
175	72- 81	62- 71	41.483, -0.795	41.619, 0.520	42.606, 0.347	42.467, -0.992
176	72- 81	72- 81	42.576, -1.014	42.715, 0.327	43.704, 0.147	43.562, -1.219
177	72- 81	82- 91	43.672, -1.242	43.814, 0.127	44.805, -0.061	44.660, -1.455
178	72- 81	92-101	44.770, -1.479	44.915, -0.083	45.908, -0.279	45.759, -1.701
179	72- 81	102-111	45.869, -1.727	46.018, -0.301	47.011, -0.505	46.859, -1.959
180	72- 81	112-121	46.969, -1.985	47.122, -0.529	48.116, -0.742	47.960, -2.227
181	72- 81	122-131	48.070, -2.255	48.226, -0.767	49.221, -0.990	49.062, -2.508
182	72- 81	132-141	49.172, -2.537	49.331, -1.016	50.326, -1.250	50.163, -2.802
183	72- 81	142-151	50.273, -2.832	50.436, -1.276	51.431, -1.521	51.264, -3.110
184	72- 81	152-161	51.374, -3.141	51.541, -1.549	52.534, -1.807	52.363, -3.433
185	72- 81	162-171	52.473, -3.466	52.645, -1.836	53.637, -2.106	53.462, -3.772
186	72- 81	172-181	53.571, -3.807	53.747, -2.137	54.737, -2.421	54.558, -4.128
187	72- 81	182-191	54.667, -4.165	54.847, -2.454	55.836, -2.753	55.652, -4.503
188	72- 81	192-201	55.761, -4.542	55.945, -2.787	56.931, -3.103	56.743, -4.899
189	72- 81	202-211	56.852, -4.939	57.040, -3.139	58.023, -3.472	57.830, -5.316
190	72- 81	212-221	57.938, -5.359	58.132, -3.510	59.111, -3.862	58.913, -5.757
191	72- 81	222-231	59.021, -5.802	59.220, -3.902	60.195, -4.276	59.992, -6.223
192	72- 81	232-240	60.099, -6.271	60.303, -4.318	61.166, -4.669	60.958, -6.667

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
193	82- 91	2- 11	35.121, 1.664	35.223, 2.847	36.193, 2.730	36.089, 1.529
194	82- 91	12- 21	36.197, 1.513	36.301, 2.717	37.274, 2.596	37.168, 1.372
195	82- 91	22- 31	37.276, 1.356	37.383, 2.582	38.360, 2.456	38.252, 1.210
196	82- 91	32- 41	38.360, 1.194	38.469, 2.442	39.450, 2.312	39.339, 1.042
197	82- 91	42- 51	39.448, 1.025	39.559, 2.297	40.543, 2.161	40.430, 0.867
198	82- 91	52- 61	40.539, 0.849	40.653, 2.146	41.639, 2.005	41.523, 0.685
199	82- 91	62- 71	41.633, 0.667	41.749, 1.989	42.739, 1.842	42.620, 0.496
200	82- 91	72- 81	42.730, 0.477	42.849, 1.825	43.840, 1.672	43.719, 0.299
201	82- 91	82- 91	43.829, 0.279	43.951, 1.655	44.944, 1.496	44.820, 0.094
202	82- 91	92-101	44.930, 0.073	45.055, 1.478	46.050, 1.311	45.923, -0.120
203	82- 91	102-111	46.033, -0.142	46.161, 1.293	47.157, 1.119	47.027, -0.343
204	82- 91	112-121	47.137, -0.366	47.268, 1.099	48.265, 0.918	48.132, -0.577
205	82- 91	122-131	48.242, -0.601	48.376, 0.897	49.374, 0.707	49.237, -0.821
206	82- 91	132-141	49.348, -0.846	49.485, 0.686	50.482, 0.487	50.343, -1.077
207	82- 91	142-151	50.453, -1.103	50.593, 0.464	51.591, 0.256	51.448, -1.344
208	82- 91	152-161	51.558, -1.372	51.702, 0.232	52.699, 0.014	52.552, -1.625
209	82- 91	162-171	52.662, -1.654	52.809, -0.011	53.805, -0.241	53.655, -1.920
210	82- 91	172-181	53.765, -1.951	53.916, -0.267	54.910, -0.509	54.756, -2.231
211	82- 91	182-191	54.866, -2.263	55.020, -0.536	56.012, -0.791	55.854, -2.558
212	82- 91	192-201	55.964, -2.591	56.122, -0.820	57.112, -1.089	56.951, -2.902
213	82- 91	202-211	57.060, -2.938	57.222, -1.119	58.209, -1.403	58.043, -3.266
214	82- 91	212-221	58.152, -3.303	58.318, -1.436	59.302, -1.736	59.132, -3.651
215	82- 91	222-231	59.240, -3.690	59.411, -1.770	60.390, -2.088	60.216, -4.058
216	82- 91	232-240	60.324, -4.100	60.499, -2.125	61.366, -2.424	61.188, -4.446
217	92-101	2- 11	35.233, 2.979	35.318, 4.166	36.289, 4.070	36.203, 2.864
218	92-101	12- 21	36.311, 2.851	36.398, 4.059	37.373, 3.960	37.285, 2.732
219	92-101	22- 31	37.394, 2.719	37.482, 3.949	38.461, 3.846	38.371, 2.595
220	92-101	32- 41	38.480, 2.581	38.570, 3.835	39.553, 3.728	39.461, 2.453
221	92-101	42- 51	39.570, 2.438	39.663, 3.716	40.649, 3.605	40.555, 2.305
222	92-101	52- 61	40.664, 2.290	40.759, 3.592	41.748, 3.477	41.651, 2.152
223	92-101	62- 71	41.761, 2.136	41.858, 3.464	42.849, 3.344	42.751, 1.992
224	92-101	72- 81	42.861, 1.975	42.960, 3.330	43.954, 3.205	43.853, 1.825
225	92-101	82- 91	43.963, 1.808	44.064, 3.191	45.060, 3.060	44.957, 1.652
226	92-101	92-101	45.068, 1.634	45.171, 3.046	46.169, 2.909	46.063, 1.471
227	92-101	102-111	46.174, 1.452	46.280, 2.894	47.279, 2.752	47.170, 1.282
228	92-101	112-121	47.281, 1.263	47.390, 2.736	48.389, 2.587	48.279, 1.084
229	92-101	122-131	48.390, 1.064	48.501, 2.570	49.501, 2.415	49.388, 0.878
230	92-101	132-141	49.499, 0.857	49.612, 2.397	50.613, 2.234	50.497, 0.661
231	92-101	142-151	50.608, 0.639	50.724, 2.216	51.724, 2.045	51.605, 0.435
232	92-101	152-161	51.716, 0.411	51.835, 2.026	52.835, 1.846	52.713, 0.197
233	92-101	162-171	52.824, 0.172	52.946, 1.826	53.945, 1.638	53.820, -0.054
234	92-101	172-181	53.931, -0.079	54.056, 1.616	55.053, 1.418	54.925, -0.317
235	92-101	182-191	55.036, -0.344	55.164, 1.395	56.159, 1.186	56.028, -0.594
236	92-101	192-201	56.138, -0.623	56.270, 1.162	57.263, 0.942	57.129, -0.886
237	92-101	202-211	57.238, -0.916	57.373, 0.917	58.363, 0.684	58.226, -1.195
238	92-101	212-221	58.335, -1.227	58.473, 0.657	59.460, 0.410	59.319, -1.522
239	92-101	222-231	59.428, -1.556	59.570, 0.382	60.554, 0.121	60.408, -1.868
240	92-101	232-240	60.517, -1.904	60.662, 0.091	61.533, -0.155	61.384, -2.198

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
241	102-111	2- 11	35.326, 4.298	35.393, 5.488	36.367, 5.414	36.298, 4.204
242	102-111	12- 21	36.406, 4.194	36.475, 5.405	37.452, 5.329	37.382, 4.097
243	102-111	22- 31	37.491, 4.086	37.561, 5.320	38.542, 5.240	38.470, 3.985
244	102-111	32- 41	38.579, 3.974	38.651, 5.231	39.636, 5.149	39.562, 3.870
245	102-111	42- 51	39.672, 3.858	39.745, 5.139	40.733, 5.053	40.658, 3.749
246	102-111	52- 61	40.768, 3.737	40.843, 5.043	41.834, 4.954	41.757, 3.624
247	102-111	62- 71	41.867, 3.612	41.944, 4.944	42.938, 4.851	42.859, 3.494
248	102-111	72- 81	42.970, 3.481	43.048, 4.840	44.044, 4.743	43.964, 3.359
249	102-111	82- 91	44.075, 3.345	44.155, 4.732	45.153, 4.631	45.071, 3.217
250	102-111	92-101	45.181, 3.203	45.264, 4.620	46.264, 4.514	46.179, 3.070
251	102-111	102-111	46.290, 3.055	46.375, 4.502	47.376, 4.392	47.290, 2.915
252	102-111	112-121	47.401, 2.900	47.487, 4.379	48.489, 4.264	48.401, 2.754
253	102-111	122-131	48.512, 2.738	48.600, 4.251	49.603, 4.130	49.512, 2.586
254	102-111	132-141	49.624, 2.569	49.714, 4.117	50.717, 3.990	50.624, 2.410
255	102-111	142-151	50.736, 2.391	50.828, 3.976	51.831, 3.843	51.736, 2.224
256	102-111	152-161	51.847, 2.205	51.942, 3.828	52.944, 3.689	52.847, 2.030
257	102-111	162-171	52.958, 2.010	53.056, 3.673	54.057, 3.527	53.958, 1.826
258	102-111	172-181	54.068, 1.805	54.168, 3.510	55.168, 3.356	55.066, 1.611
259	102-111	182-191	55.177, 1.589	55.279, 3.339	56.277, 3.176	56.173, 1.385
260	102-111	192-201	56.283, 1.361	56.388, 3.158	57.383, 2.987	57.276, 1.146
261	102-111	202-211	57.387, 1.121	57.494, 2.967	58.487, 2.786	58.377, 0.893
262	102-111	212-221	58.487, 0.867	58.597, 2.765	59.587, 2.573	59.475, 0.626
263	102-111	222-231	59.584, 0.599	59.697, 2.551	60.684, 2.348	60.568, 0.343
264	102-111	232-240	60.677, 0.313	60.793, 2.325	61.667, 2.133	61.548, 0.073
265	112-121	2- 11	35.400, 5.620	35.450, 6.813	36.424, 6.761	36.373, 5.548
266	112-121	12- 21	36.482, 5.540	36.533, 6.755	37.511, 6.700	37.459, 5.466
267	112-121	22- 31	37.568, 5.457	37.620, 6.694	38.602, 6.638	38.549, 5.380
268	112-121	32- 41	38.658, 5.371	38.711, 6.631	39.697, 6.573	39.643, 5.291
269	112-121	42- 51	39.753, 5.282	39.807, 6.566	40.796, 6.505	40.741, 5.198
270	112-121	52- 61	40.850, 5.189	40.906, 6.499	41.898, 6.435	41.842, 5.102
271	112-121	62- 71	41.952, 5.092	42.009, 6.428	43.004, 6.362	42.945, 5.002
272	112-121	72- 81	43.056, 4.991	43.114, 6.355	44.112, 6.286	44.052, 4.897
273	112-121	82- 91	44.163, 4.887	44.223, 6.278	45.222, 6.207	45.161, 4.788
274	112-121	92-101	45.272, 4.777	45.333, 6.199	46.334, 6.124	46.272, 4.675
275	112-121	102-111	46.383, 4.663	46.445, 6.116	47.448, 6.037	47.384, 4.556
276	112-121	112-121	47.495, 4.544	47.559, 6.029	48.563, 5.947	48.497, 4.432
277	112-121	122-131	48.609, 4.419	48.674, 5.938	49.678, 5.852	49.611, 4.302
278	112-121	132-141	49.723, 4.289	49.790, 5.843	50.794, 5.753	50.726, 4.166
279	112-121	142-151	50.837, 4.152	50.906, 5.743	51.910, 5.649	51.840, 4.024
280	112-121	152-161	51.951, 4.009	52.022, 5.638	53.026, 5.540	52.954, 3.874
281	112-121	162-171	53.065, 3.859	53.137, 5.529	54.140, 5.425	54.067, 3.716
282	112-121	172-181	54.178, 3.700	54.252, 5.413	55.253, 5.304	55.178, 3.551
283	112-121	182-191	55.289, 3.534	55.364, 5.292	56.364, 5.176	56.287, 3.376
284	112-121	192-201	56.398, 3.358	56.475, 5.163	57.473, 5.042	57.394, 3.192
285	112-121	202-211	57.504, 3.173	57.584, 5.028	58.579, 4.899	58.498, 2.997
286	112-121	212-221	58.608, 2.977	58.690, 4.885	59.682, 4.749	59.598, 2.790
287	112-121	222-231	59.708, 2.769	59.792, 4.733	60.781, 4.589	60.695, 2.571
288	112-121	232-240	60.804, 2.549	60.890, 4.572	61.766, 4.436	61.678, 2.363

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
289	122-131	2- 11	35.454, 6.946	35.487, 8.140	36.462, 8.110	36.429, 6.896
290	122-131	12- 21	36.537, 6.890	36.570, 8.106	37.549, 8.074	37.516, 6.838
291	122-131	22- 31	37.625, 6.832	37.659, 8.071	38.641, 8.038	38.607, 6.778
292	122-131	32- 41	38.716, 6.772	38.751, 8.034	39.738, 8.000	39.702, 6.716
293	122-131	42- 51	39.812, 6.709	39.847, 7.996	40.838, 7.961	40.801, 6.651
294	122-131	52- 61	40.911, 6.644	40.948, 7.957	41.941, 7.920	41.904, 6.584
295	122-131	62- 71	42.014, 6.577	42.051, 7.915	43.047, 7.877	43.009, 6.514
296	122-131	72- 81	43.120, 6.506	43.158, 7.872	44.156, 7.832	44.117, 6.441
297	122-131	82- 91	44.228, 6.433	44.267, 7.828	45.267, 7.786	45.228, 6.365
298	122-131	92-101	45.339, 6.357	45.378, 7.781	46.380, 7.738	46.340, 6.285
299	122-131	102-111	46.451, 6.277	46.492, 7.733	47.495, 7.687	47.454, 6.202
300	122-131	112-121	47.565, 6.194	47.607, 7.682	48.611, 7.634	48.569, 6.116
301	122-131	122-131	48.680, 6.107	48.723, 7.629	49.728, 7.579	49.685, 6.025
302	122-131	132-141	49.796, 6.016	49.840, 7.573	50.845, 7.521	50.801, 5.930
303	122-131	142-151	50.912, 5.920	50.957, 7.515	51.962, 7.460	51.917, 5.830
304	122-131	152-161	52.028, 5.820	52.074, 7.454	53.079, 7.396	53.032, 5.725
305	122-131	162-171	53.144, 5.714	53.191, 7.390	54.195, 7.329	54.147, 5.615
306	122-131	172-181	54.258, 5.604	54.306, 7.322	55.309, 7.258	55.260, 5.499
307	122-131	182-191	55.371, 5.487	55.421, 7.251	56.422, 7.184	56.372, 5.377
308	122-131	192-201	56.483, 5.364	56.533, 7.176	57.532, 7.105	57.481, 5.248
309	122-131	202-211	57.591, 5.234	57.643, 7.097	58.640, 7.022	58.587, 5.111
310	122-131	212-221	58.697, 5.097	58.750, 7.013	59.744, 6.933	59.690, 4.967
311	122-131	222-231	59.800, 4.952	59.854, 6.924	60.845, 6.840	60.789, 4.813
312	122-131	232-240	60.898, 4.798	60.954, 6.830	61.831, 6.750	61.774, 4.667
313	132-141	2- 11	35.489, 8.273	35.504, 9.469	36.479, 9.460	36.464, 8.245
314	132-141	12- 21	36.573, 8.241	36.588, 9.459	37.568, 9.450	37.552, 8.212
315	132-141	22- 31	37.661, 8.209	37.677, 9.449	38.660, 9.439	38.644, 8.178
316	132-141	32- 41	38.754, 8.175	38.770, 9.438	39.757, 9.428	39.741, 8.143
317	132-141	42- 51	39.850, 8.139	39.867, 9.427	40.857, 9.417	40.840, 8.106
318	132-141	52- 61	40.951, 8.102	40.967, 9.416	41.961, 9.405	41.944, 8.068
319	132-141	62- 71	42.054, 8.064	42.071, 9.404	43.067, 9.393	43.050, 8.028
320	132-141	72- 81	43.161, 8.024	43.178, 9.392	44.177, 9.380	44.159, 7.987
321	132-141	82- 91	44.270, 7.983	44.288, 9.379	45.289, 9.367	45.270, 7.944
322	132-141	92-101	45.382, 7.940	45.400, 9.366	46.402, 9.353	46.384, 7.899
323	132-141	102-111	46.495, 7.895	46.514, 9.352	47.518, 9.339	47.499, 7.852
324	132-141	112-121	47.610, 7.847	47.629, 9.337	48.634, 9.324	48.615, 7.803
325	132-141	122-131	48.726, 7.798	48.746, 9.322	49.752, 9.308	49.732, 7.752
326	132-141	132-141	49.843, 7.746	49.863, 9.306	50.869, 9.291	50.849, 7.698
327	132-141	142-151	50.961, 7.692	50.981, 9.290	51.987, 9.274	51.966, 7.641
328	132-141	152-161	52.078, 7.636	52.099, 9.272	53.104, 9.256	53.083, 7.582
329	132-141	162-171	53.195, 7.576	53.216, 9.254	54.221, 9.236	54.199, 7.520
330	132-141	172-181	54.310, 7.513	54.332, 9.235	55.336, 9.216	55.313, 7.454
331	132-141	182-191	55.425, 7.447	55.447, 9.214	56.449, 9.195	56.426, 7.385
332	132-141	192-201	56.537, 7.378	56.560, 9.193	57.560, 9.172	57.536, 7.312
333	132-141	202-211	57.647, 7.304	57.671, 9.170	58.668, 9.149	58.644, 7.234
334	132-141	212-221	58.755, 7.226	58.779, 9.146	59.773, 9.123	59.749, 7.152
335	132-141	222-231	59.859, 7.144	59.884, 9.121	60.875, 9.097	60.849, 7.065
336	132-141	232-240	60.959, 7.056	60.985, 9.094	61.862, 9.071	61.836, 6.982

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
337	142-151	2- 11	35.505, 9.601	35.502, 10.797	36.478, 10.810	36.480, 9.595
338	142-151	12- 21	36.589, 9.594	36.586, 10.812	37.566, 10.825	37.568, 9.587
339	142-151	22- 31	37.678, 9.587	37.675, 10.827	38.658, 10.841	38.661, 9.580
340	142-151	32- 41	38.770, 9.579	38.768, 10.843	39.755, 10.857	39.757, 9.571
341	142-151	42- 51	39.867, 9.571	39.864, 10.859	40.855, 10.874	40.858, 9.563
342	142-151	52- 61	40.968, 9.562	40.965, 10.876	41.958, 10.892	41.961, 9.554
343	142-151	62- 71	42.072, 9.553	42.069, 10.894	43.065, 10.910	43.068, 9.545
344	142-151	72- 81	43.179, 9.544	43.176, 10.912	44.174, 10.929	44.178, 9.535
345	142-151	82- 91	44.289, 9.534	44.285, 10.931	45.286, 10.949	45.289, 9.525
346	142-151	92-101	45.401, 9.524	45.397, 10.951	46.400, 10.970	46.403, 9.515
347	142-151	102-111	46.515, 9.514	46.511, 10.972	47.515, 10.991	47.519, 9.504
348	142-151	112-121	47.630, 9.503	47.627, 10.994	48.632, 11.014	48.635, 9.493
349	142-151	122-131	48.747, 9.492	48.743, 11.017	49.749, 11.038	49.752, 9.481
350	142-151	132-141	49.864, 9.480	49.861, 11.040	50.867, 11.063	50.870, 9.469
351	142-151	142-151	50.982, 9.467	50.979, 11.065	51.984, 11.089	51.988, 9.455
352	142-151	152-161	52.100, 9.454	52.096, 11.092	53.102, 11.116	53.105, 9.442
353	142-151	162-171	53.217, 9.440	53.213, 11.119	54.218, 11.145	54.222, 9.427
354	142-151	172-181	54.333, 9.426	54.329, 11.148	55.333, 11.175	55.337, 9.412
355	142-151	182-191	55.448, 9.411	55.444, 11.179	56.446, 11.208	56.450, 9.396
356	142-151	192-201	56.562, 9.395	56.557, 11.211	57.557, 11.241	57.561, 9.379
357	142-151	202-211	57.672, 9.378	57.668, 11.245	58.665, 11.277	58.670, 9.361
358	142-151	212-221	58.780, 9.360	58.776, 11.281	59.770, 11.315	59.775, 9.342
359	142-151	222-231	59.885, 9.340	59.881, 11.319	60.871, 11.355	60.876, 9.322
360	142-151	232-240	60.986, 9.320	60.981, 11.359	61.859, 11.393	61.863, 9.303
361	152-161	2- 11	35.501, 10.930	35.481, 12.125	36.456, 12.160	36.476, 10.945
362	152-161	12- 21	36.585, 10.947	36.564, 12.164	37.543, 12.200	37.564, 10.963
363	152-161	22- 31	37.673, 10.965	37.652, 12.205	38.635, 12.242	38.657, 10.981
364	152-161	32- 41	38.766, 10.983	38.745, 12.247	39.731, 12.286	39.753, 11.000
365	152-161	42- 51	39.863, 11.002	39.841, 12.290	40.831, 12.331	40.853, 11.020
366	152-161	52- 61	40.964, 11.022	40.941, 12.335	41.934, 12.377	41.957, 11.040
367	152-161	62- 71	42.068, 11.042	42.044, 12.382	43.040, 12.426	43.064, 11.062
368	152-161	72- 81	43.174, 11.064	43.151, 12.431	44.149, 12.477	44.173, 11.084
369	152-161	82- 91	44.284, 11.086	44.260, 12.482	45.260, 12.530	45.285, 11.107
370	152-161	92-101	45.396, 11.110	45.371, 12.535	46.373, 12.585	46.398, 11.131
371	152-161	102-111	46.510, 11.134	46.484, 12.591	47.488, 12.643	47.514, 11.157
372	152-161	112-121	47.625, 11.159	47.599, 12.649	48.604, 12.703	48.630, 11.183
373	152-161	122-131	48.742, 11.186	48.715, 12.710	49.720, 12.767	49.747, 11.211
374	152-161	132-141	49.859, 11.214	49.832, 12.773	50.837, 12.833	50.865, 11.240
375	152-161	142-151	50.977, 11.243	50.949, 12.840	51.954, 12.902	51.983, 11.270
376	152-161	152-161	52.094, 11.274	52.066, 12.910	53.071, 12.975	53.100, 11.302
377	152-161	162-171	53.211, 11.306	53.182, 12.983	54.186, 13.052	54.216, 11.336
378	152-161	172-181	54.328, 11.339	54.298, 13.060	55.300, 13.133	55.331, 11.371
379	152-161	182-191	55.443, 11.375	55.412, 13.141	56.413, 13.218	56.444, 11.409
380	152-161	192-201	56.555, 11.413	56.524, 13.227	57.523, 13.308	57.555, 11.448
381	152-161	202-211	57.666, 11.452	57.634, 13.318	58.630, 13.403	58.663, 11.490
382	152-161	212-221	58.774, 11.494	58.741, 13.413	59.734, 13.504	59.768, 11.534
383	152-161	222-231	59.878, 11.539	59.844, 13.515	60.834, 13.611	60.869, 11.581
384	152-161	232-240	60.979, 11.586	60.944, 13.622	61.821, 13.713	61.856, 11.626

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
385	162-171	2- 11	35.478, 12.258	35.440, 13.452	36.414, 13.509	36.452, 12.295
386	162-171	12- 21	36.561, 12.300	36.523, 13.515	37.501, 13.574	37.540, 12.338
387	162-171	22- 31	37.649, 12.342	37.610, 13.581	38.592, 13.642	38.632, 12.382
388	162-171	32- 41	38.741, 12.387	38.701, 13.649	39.687, 13.712	39.728, 12.428
389	162-171	42- 51	39.838, 12.433	39.796, 13.719	40.785, 13.785	40.827, 12.476
390	162-171	52- 61	40.938, 12.481	40.895, 13.793	41.887, 13.861	41.930, 12.526
391	162-171	62- 71	42.041, 12.531	41.998, 13.869	42.992, 13.940	43.036, 12.578
392	162-171	72- 81	43.147, 12.583	43.103, 13.948	44.100, 14.023	44.145, 12.632
393	162-171	82- 91	44.256, 12.637	44.211, 14.031	45.210, 14.109	45.256, 12.688
394	162-171	92-101	45.367, 12.694	45.321, 14.117	46.322, 14.198	46.369, 12.747
395	162-171	102-111	46.480, 12.753	46.433, 14.208	47.435, 14.292	47.484, 12.808
396	162-171	112-121	47.595, 12.814	47.547, 14.302	48.550, 14.390	48.599, 12.872
397	162-171	122-131	48.711, 12.879	48.661, 14.400	49.665, 14.492	49.716, 12.939
398	162-171	132-141	49.828, 12.946	49.777, 14.503	50.781, 14.600	50.833, 13.010
399	162-171	142-151	50.944, 13.017	50.893, 14.611	51.897, 14.712	51.950, 13.084
400	162-171	152-161	52.061, 13.091	52.008, 14.724	53.012, 14.831	53.066, 13.161
401	162-171	162-171	53.178, 13.169	53.123, 14.843	54.126, 14.955	54.181, 13.243
402	162-171	172-181	54.293, 13.251	54.237, 14.968	55.239, 15.086	55.296, 13.329
403	162-171	182-191	55.407, 13.337	55.350, 15.100	56.349, 15.224	56.408, 13.419
404	162-171	192-201	56.519, 13.428	56.460, 15.238	57.458, 15.370	57.518, 13.515
405	162-171	202-211	57.629, 13.524	57.569, 15.385	58.563, 15.524	58.625, 13.616
406	162-171	212-221	58.736, 13.626	58.674, 15.540	59.666, 15.687	59.729, 13.723
407	162-171	222-231	59.839, 13.734	59.776, 15.704	60.764, 15.860	60.829, 13.836
408	162-171	232-240	60.939, 13.848	60.874, 15.878	61.749, 16.025	61.815, 13.945
409	172-181	2- 11	35.435, 13.585	35.380, 14.777	36.353, 14.855	36.409, 13.644
410	172-181	12- 21	36.517, 13.650	36.461, 14.864	37.438, 14.945	37.495, 13.711
411	172-181	22- 31	37.604, 13.718	37.547, 14.954	38.528, 15.039	38.586, 13.782
412	172-181	32- 41	38.696, 13.789	38.637, 15.048	39.621, 15.136	39.681, 13.855
413	172-181	42- 51	39.791, 13.862	39.731, 15.146	40.718, 15.237	40.780, 13.931
414	172-181	52- 61	40.890, 13.938	40.828, 15.247	41.819, 15.342	41.882, 14.009
415	172-181	62- 71	41.992, 14.017	41.929, 15.352	42.922, 15.451	42.986, 14.092
416	172-181	72- 81	43.097, 14.100	43.033, 15.462	44.028, 15.565	44.094, 14.177
417	172-181	82- 91	44.205, 14.186	44.139, 15.576	45.136, 15.684	45.204, 14.266
418	172-181	92-101	45.315, 14.275	45.247, 15.696	46.246, 15.807	46.315, 14.359
419	172-181	102-111	46.427, 14.369	46.358, 15.820	47.358, 15.937	47.429, 14.457
420	172-181	112-121	47.540, 14.467	47.469, 15.950	48.471, 16.072	48.543, 14.558
421	172-181	122-131	48.655, 14.569	48.582, 16.086	49.584, 16.213	49.658, 14.665
422	172-181	132-141	49.770, 14.676	49.696, 16.228	50.698, 16.361	50.774, 14.776
423	172-181	142-151	50.886, 14.788	50.810, 16.377	51.812, 16.517	51.889, 14.893
424	172-181	152-161	52.001, 14.905	51.923, 16.533	52.925, 16.680	53.004, 15.016
425	172-181	162-171	53.116, 15.029	53.036, 16.697	54.037, 16.852	54.118, 15.145
426	172-181	172-181	54.230, 15.158	54.148, 16.869	55.147, 17.032	55.231, 15.281
427	172-181	182-191	55.342, 15.295	55.258, 17.051	56.256, 17.222	56.341, 15.425
428	172-181	192-201	56.452, 15.439	56.367, 17.242	57.362, 17.423	57.450, 15.576
429	172-181	202-211	57.560, 15.591	57.472, 17.444	58.465, 17.636	58.555, 15.736
430	172-181	212-221	58.665, 15.752	58.575, 17.658	59.565, 17.861	59.657, 15.905
431	172-181	222-231	59.767, 15.923	59.674, 17.884	60.660, 18.099	60.755, 16.085
432	172-181	232-240	60.865, 16.103	60.770, 18.124	61.643, 18.326	61.740, 16.256

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
433	182-191	2- 11	35.373, 14.909	35.300, 16.098	36.272, 16.198	36.346, 14.990
434	182-191	12- 21	36.454, 14.999	36.380, 16.209	37.355, 16.313	37.431, 15.082
435	182-191	22- 31	37.539, 15.092	37.464, 16.325	38.443, 16.432	38.520, 15.178
436	182-191	32- 41	38.629, 15.188	38.552, 16.444	39.534, 16.556	39.613, 15.278
437	182-191	42- 51	39.723, 15.288	39.644, 16.569	40.629, 16.684	40.710, 15.382
438	182-191	52- 61	40.820, 15.392	40.739, 16.698	41.728, 16.818	41.811, 15.490
439	182-191	62- 71	41.921, 15.501	41.838, 16.832	42.829, 16.957	42.914, 15.602
440	182-191	72- 81	43.024, 15.613	42.939, 16.972	43.933, 17.102	44.020, 15.719
441	182-191	82- 91	44.130, 15.731	44.043, 17.117	45.039, 17.253	45.128, 15.841
442	182-191	92-101	45.239, 15.853	45.150, 17.269	46.147, 17.411	46.238, 15.968
443	182-191	102-111	46.349, 15.981	46.258, 17.427	47.256, 17.575	47.349, 16.101
444	182-191	112-121	47.460, 16.114	47.367, 17.592	48.367, 17.747	48.462, 16.240
445	182-191	122-131	48.573, 16.254	48.478, 17.765	49.478, 17.927	49.575, 16.385
446	182-191	132-141	49.686, 16.400	49.589, 17.946	50.589, 18.116	50.688, 16.537
447	182-191	142-151	50.800, 16.553	50.700, 18.135	51.700, 18.314	51.802, 16.697
448	182-191	152-161	51.913, 16.713	51.811, 18.334	52.810, 18.521	52.915, 16.865
449	182-191	162-171	53.026, 16.882	52.921, 18.542	53.919, 18.739	54.026, 17.041
450	182-191	172-181	54.137, 17.059	54.030, 18.761	55.027, 18.969	55.137, 17.226
451	182-191	182-191	55.248, 17.245	55.138, 18.992	56.132, 19.210	56.245, 17.422
452	182-191	192-201	56.355, 17.442	56.243, 19.235	57.235, 19.465	57.351, 17.628
453	182-191	202-211	57.461, 17.649	57.345, 19.492	58.335, 19.735	58.453, 17.846
454	182-191	212-221	58.563, 17.869	58.445, 19.763	59.431, 20.020	59.553, 18.077
455	182-191	222-231	59.662, 18.101	59.541, 20.050	60.523, 20.323	60.648, 18.322
456	182-191	232-240	60.757, 18.347	60.632, 20.354	61.502, 20.611	61.630, 18.555
457	192-201	2- 11	35.291, 16.230	35.202, 17.416	36.171, 17.537	36.262, 16.332
458	192-201	12- 21	36.371, 16.344	36.279, 17.551	37.252, 17.676	37.346, 16.449
459	192-201	22- 31	37.454, 16.462	37.361, 17.691	38.337, 17.821	38.433, 16.571
460	192-201	32- 41	38.542, 16.584	38.446, 17.836	39.427, 17.971	39.524, 16.698
461	192-201	42- 51	39.634, 16.711	39.536, 17.986	40.519, 18.127	40.619, 16.829
462	192-201	52- 61	40.729, 16.842	40.629, 18.143	41.615, 18.289	41.717, 16.965
463	192-201	62- 71	41.827, 16.979	41.725, 18.306	42.714, 18.458	42.819, 17.108
464	192-201	72- 81	42.929, 17.122	42.824, 18.475	43.815, 18.633	43.922, 17.256
465	192-201	82- 91	44.033, 17.271	43.925, 18.651	44.918, 18.816	45.028, 17.410
466	192-201	92-101	45.139, 17.426	45.029, 18.835	46.023, 19.007	46.136, 17.571
467	192-201	102-111	46.247, 17.587	46.134, 19.027	47.130, 19.207	47.245, 17.739
468	192-201	112-121	47.356, 17.756	47.241, 19.227	48.237, 19.415	48.355, 17.914
469	192-201	122-131	48.466, 17.933	48.348, 19.436	49.345, 19.633	49.466, 18.098
470	192-201	132-141	49.577, 18.117	49.456, 19.655	50.453, 19.861	50.576, 18.291
471	192-201	142-151	50.688, 18.311	50.564, 19.885	51.561, 20.100	51.687, 18.493
472	192-201	152-161	51.798, 18.513	51.672, 20.125	52.668, 20.351	52.797, 18.705
473	192-201	162-171	52.908, 18.726	52.778, 20.377	53.773, 20.615	53.906, 18.927
474	192-201	172-181	54.017, 18.950	53.884, 20.642	54.877, 20.893	55.013, 19.162
475	192-201	182-191	55.124, 19.186	54.988, 20.921	55.979, 21.185	56.118, 19.408
476	192-201	192-201	56.229, 19.434	56.089, 21.215	57.078, 21.493	57.221, 19.669
477	192-201	202-211	57.331, 19.696	57.188, 21.525	58.174, 21.819	58.320, 19.944
478	192-201	212-221	58.430, 19.972	58.283, 21.852	59.266, 22.163	59.416, 20.235
479	192-201	222-231	59.526, 20.265	59.375, 22.198	60.354, 22.528	60.508, 20.544
480	192-201	232-240	60.617, 20.576	60.462, 22.565	61.329, 22.875	61.487, 20.838

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
481	202-211	2- 11	35.191, 17.548	35.084, 18.729	36.051, 18.871	36.160, 17.671
482	202-211	12- 21	36.268, 17.685	36.159, 18.887	37.129, 19.035	37.241, 17.812
483	202-211	22- 31	37.349, 17.827	37.237, 19.051	38.212, 19.204	38.326, 17.959
484	202-211	32- 41	38.435, 17.975	38.320, 19.222	39.298, 19.380	39.415, 18.112
485	202-211	42- 51	39.524, 18.128	39.407, 19.398	40.388, 19.563	40.507, 18.271
486	202-211	52- 61	40.617, 18.287	40.497, 19.582	41.481, 19.753	41.603, 18.436
487	202-211	62- 71	41.712, 18.453	41.590, 19.773	42.576, 19.951	42.701, 18.607
488	202-211	72- 81	42.811, 18.625	42.686, 19.971	43.674, 20.157	43.802, 18.786
489	202-211	82- 91	43.912, 18.804	43.784, 20.178	44.774, 20.372	44.905, 18.972
490	202-211	92-101	45.015, 18.991	44.884, 20.394	45.876, 20.596	46.010, 19.167
491	202-211	102-111	46.120, 19.186	45.986, 20.618	46.979, 20.829	47.116, 19.369
492	202-211	112-121	47.227, 19.390	47.090, 20.853	48.083, 21.073	48.223, 19.581
493	202-211	122-131	48.334, 19.603	48.193, 21.098	49.187, 21.328	49.331, 19.803
494	202-211	132-141	49.441, 19.826	49.298, 21.354	50.292, 21.596	50.438, 20.035
495	202-211	142-151	50.549, 20.059	50.402, 21.623	51.395, 21.875	51.546, 20.278
496	202-211	152-161	51.656, 20.303	51.506, 21.904	52.498, 22.169	52.652, 20.534
497	202-211	162-171	52.763, 20.560	52.608, 22.199	53.600, 22.478	53.757, 20.802
498	202-211	172-181	53.868, 20.830	53.710, 22.509	54.699, 22.802	54.861, 21.084
499	202-211	182-191	54.971, 21.113	54.809, 22.835	55.797, 23.143	55.962, 21.381
500	202-211	192-201	56.072, 21.412	55.906, 23.178	56.891, 23.503	57.061, 21.695
501	202-211	202-211	57.171, 21.727	57.000, 23.540	57.982, 23.883	58.156, 22.026
502	202-211	212-221	58.266, 22.060	58.091, 23.922	59.069, 24.285	59.248, 22.376
503	202-211	222-231	59.357, 22.412	59.178, 24.326	60.152, 24.710	60.335, 22.747
504	202-211	232-240	60.444, 22.785	60.260, 24.754	61.122, 25.115	61.310, 23.100
505	212-221	2- 11	35.071, 18.860	34.947, 20.036	35.911, 20.199	36.038, 19.004
506	212-221	12- 21	36.145, 19.021	36.019, 20.218	36.987, 20.387	37.116, 19.170
507	212-221	22- 31	37.224, 19.187	37.094, 20.406	38.066, 20.581	38.198, 19.342
508	212-221	32- 41	38.306, 19.360	38.174, 20.601	39.149, 20.783	39.284, 19.521
509	212-221	42- 51	39.393, 19.539	39.257, 20.803	40.235, 20.992	40.374, 19.706
510	212-221	52- 61	40.483, 19.725	40.344, 21.014	41.325, 21.210	41.466, 19.899
511	212-221	62- 71	41.575, 19.919	41.434, 21.232	42.417, 21.437	42.561, 20.100
512	212-221	72- 81	42.671, 20.121	42.526, 21.460	43.511, 21.672	43.659, 20.309
513	212-221	82- 91	43.769, 20.330	43.621, 21.696	44.607, 21.918	44.759, 20.527
514	212-221	92-101	44.869, 20.549	44.717, 21.943	45.705, 22.174	45.860, 20.754
515	212-221	102-111	45.970, 20.777	45.815, 22.200	46.804, 22.441	46.963, 20.991
516	212-221	112-121	47.073, 21.015	46.914, 22.468	47.904, 22.720	48.066, 21.238
517	212-221	122-131	48.177, 21.264	48.014, 22.749	49.004, 23.012	49.170, 21.497
518	212-221	132-141	49.280, 21.524	49.114, 23.042	50.104, 23.317	50.274, 21.768
519	212-221	142-151	50.384, 21.796	50.214, 23.348	51.203, 23.637	51.377, 22.052
520	212-221	152-161	51.488, 22.081	51.313, 23.670	52.302, 23.972	52.480, 22.350
521	212-221	162-171	52.590, 22.381	52.411, 24.007	53.398, 24.324	53.581, 22.663
522	212-221	172-181	53.691, 22.695	53.508, 24.360	54.493, 24.694	54.680, 22.992
523	212-221	182-191	54.790, 23.026	54.603, 24.732	55.585, 25.083	55.777, 23.338
524	212-221	192-201	55.886, 23.374	55.694, 25.123	56.674, 25.493	56.871, 23.703
525	212-221	202-211	56.980, 23.741	56.783, 25.536	57.760, 25.926	57.961, 24.088
526	212-221	212-221	58.070, 24.128	57.868, 25.971	58.842, 26.383	59.048, 24.496
527	212-221	222-231	59.156, 24.538	58.949, 26.431	59.918, 26.867	60.130, 24.927
528	212-221	232-240	60.238, 24.972	60.026, 26.917	60.883, 27.327	61.100, 25.337

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
529	222-231	2- 11	34.933, 20.167	34.792, 21.337	35.753, 21.521	35.896, 20.332
530	222-231	12- 21	36.004, 20.350	35.860, 21.542	36.825, 21.732	36.971, 20.521
531	222-231	22- 31	37.079, 20.541	36.932, 21.753	37.900, 21.951	38.050, 20.718
532	222-231	32- 41	38.158, 20.738	38.008, 21.973	38.979, 22.177	39.133, 20.923
533	222-231	42- 51	39.241, 20.943	39.087, 22.201	40.062, 22.413	40.219, 21.135
534	222-231	52- 61	40.328, 21.156	40.170, 22.437	41.147, 22.658	41.308, 21.355
535	222-231	62- 71	41.417, 21.378	41.256, 22.683	42.235, 22.913	42.400, 21.584
536	222-231	72- 81	42.509, 21.608	42.344, 22.939	43.326, 23.177	43.493, 21.823
537	222-231	82- 91	43.603, 21.848	43.435, 23.205	44.417, 23.453	44.589, 22.072
538	222-231	92-101	44.699, 22.097	44.527, 23.482	45.511, 23.741	45.687, 22.331
539	222-231	102-111	45.797, 22.358	45.620, 23.771	46.605, 24.041	46.785, 22.601
540	222-231	112-121	46.895, 22.629	46.715, 24.072	47.701, 24.354	47.885, 22.884
541	222-231	122-131	47.995, 22.913	47.810, 24.386	48.796, 24.682	48.984, 23.179
542	222-231	132-141	49.094, 23.210	48.905, 24.715	49.891, 25.024	50.084, 23.488
543	222-231	142-151	50.194, 23.520	50.000, 25.059	50.985, 25.383	51.183, 23.812
544	222-231	152-161	51.292, 23.845	51.095, 25.419	52.078, 25.758	52.280, 24.152
545	222-231	162-171	52.390, 24.186	52.188, 25.797	53.170, 26.153	53.377, 24.508
546	222-231	172-181	53.486, 24.544	53.279, 26.193	54.259, 26.567	54.471, 24.882
547	222-231	182-191	54.580, 24.921	54.368, 26.610	55.345, 27.003	55.563, 25.276
548	222-231	192-201	55.672, 25.317	55.454, 27.047	56.429, 27.461	56.651, 25.691
549	222-231	202-211	56.760, 25.734	56.537, 27.508	57.508, 27.945	57.736, 26.129
550	222-231	212-221	57.845, 26.174	57.616, 27.995	58.583, 28.455	58.817, 26.592
551	222-231	222-231	58.925, 26.640	58.690, 28.508	59.653, 28.995	59.893, 27.081
552	222-231	232-240	60.000, 27.132	59.760, 29.051	60.612, 29.508	60.857, 27.547
553	232-241	2- 11	34.775, 21.467	34.618, 22.631	35.575, 22.835	35.736, 21.653
554	232-241	12- 21	35.843, 21.674	35.682, 22.858	36.643, 23.069	36.807, 21.866
555	232-241	22- 31	36.915, 21.888	36.750, 23.093	37.715, 23.312	37.882, 22.087
556	232-241	32- 41	37.990, 22.110	37.822, 23.337	38.790, 23.563	38.961, 22.316
557	232-241	42- 51	39.069, 22.340	38.897, 23.589	39.868, 23.825	40.043, 22.555
558	232-241	52- 61	40.152, 22.579	39.976, 23.851	40.949, 24.096	41.128, 22.802
559	232-241	62- 71	41.237, 22.827	41.057, 24.124	42.032, 24.378	42.216, 23.060
560	232-241	72- 81	42.325, 23.086	42.141, 24.407	43.118, 24.672	43.306, 23.327
561	232-241	82- 91	43.415, 23.355	43.227, 24.702	44.205, 24.977	44.397, 23.606
562	232-241	92-101	44.507, 23.635	44.314, 25.009	45.294, 25.296	45.490, 23.897
563	232-241	102-111	45.600, 23.927	45.403, 25.328	46.383, 25.628	46.584, 24.200
564	232-241	112-121	46.694, 24.231	46.492, 25.662	47.473, 25.974	47.679, 24.517
565	232-241	122-131	47.789, 24.549	47.582, 26.010	48.563, 26.337	48.774, 24.848
566	232-241	132-141	48.883, 24.882	48.672, 26.374	49.653, 26.715	49.868, 25.194
567	232-241	142-151	49.978, 25.229	49.762, 26.754	50.741, 27.111	50.962, 25.556
568	232-241	152-161	51.071, 25.593	50.850, 27.152	51.829, 27.526	52.055, 25.936
569	232-241	162-171	52.164, 25.975	51.937, 27.569	52.914, 27.961	53.145, 26.334
570	232-241	172-181	53.254, 26.375	53.023, 28.006	53.997, 28.418	54.234, 26.753
571	232-241	182-191	54.343, 26.796	54.105, 28.465	55.077, 28.899	55.320, 27.193
572	232-241	192-201	55.428, 27.239	55.185, 28.948	56.154, 29.404	56.402, 27.657
573	232-241	202-211	56.511, 27.704	56.261, 29.456	57.227, 29.937	57.481, 28.145
574	232-241	212-221	57.589, 28.196	57.334, 29.991	58.295, 30.498	58.556, 28.661
575	232-241	222-231	58.663, 28.714	58.401, 30.556	59.357, 31.092	59.625, 29.206
576	232-241	232-240	59.732, 29.263	59.463, 31.153	60.309, 31.655	60.583, 29.725

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
577	242-251	2- 11	34.599, 22.760	34.425, 23.918	35.379, 24.141	35.556, 22.966
578	242-251	12- 21	35.663, 22.989	35.485, 24.166	36.442, 24.398	36.624, 23.202
579	242-251	22- 31	36.731, 23.226	36.549, 24.424	37.509, 24.664	37.695, 23.447
580	242-251	32- 41	37.802, 23.472	37.616, 24.691	38.580, 24.940	38.769, 23.701
581	242-251	42- 51	38.877, 23.727	38.687, 24.968	39.653, 25.226	39.847, 23.965
582	242-251	52- 61	39.955, 23.992	39.761, 25.255	40.729, 25.524	40.928, 24.239
583	242-251	62- 71	41.036, 24.267	40.837, 25.554	41.808, 25.833	42.011, 24.524
584	242-251	72- 81	42.119, 24.553	41.916, 25.864	42.888, 26.154	43.096, 24.821
585	242-251	82- 91	43.204, 24.851	42.997, 26.187	43.971, 26.489	44.183, 25.129
586	242-251	92-101	44.291, 25.161	44.079, 26.523	45.054, 26.837	45.271, 25.451
587	242-251	102-111	45.380, 25.483	45.162, 26.873	46.138, 27.200	46.360, 25.786
588	242-251	112-121	46.469, 25.820	46.246, 27.237	47.222, 27.579	47.449, 26.136
589	242-251	122-131	47.558, 26.171	47.331, 27.618	48.306, 27.975	48.539, 26.501
590	242-251	132-141	48.647, 26.538	48.415, 28.015	49.390, 28.388	49.628, 26.883
591	242-251	142-151	49.736, 26.922	49.498, 28.431	50.472, 28.821	50.716, 27.283
592	242-251	152-161	50.824, 27.324	50.581, 28.865	51.553, 29.274	51.802, 27.702
593	242-251	162-171	51.911, 27.745	51.661, 29.320	52.632, 29.748	52.887, 28.141
594	242-251	172-181	52.995, 28.186	52.740, 29.797	53.708, 30.247	53.970, 28.602
595	242-251	182-191	54.078, 28.650	53.816, 30.298	54.782, 30.770	55.049, 29.087
596	242-251	192-201	55.157, 29.137	54.889, 30.823	55.851, 31.320	56.125, 29.597
597	242-251	202-211	56.232, 29.649	55.958, 31.376	56.916, 31.899	57.197, 30.134
598	242-251	212-221	57.304, 30.190	57.022, 31.959	57.977, 32.510	58.264, 30.701
599	242-251	222-231	58.370, 30.759	58.082, 32.572	59.031, 33.154	59.326, 31.300
600	242-251	232-240	59.432, 31.361	59.137, 33.220	59.975, 33.765	60.277, 31.868
601	252-261	2- 11	34.405, 24.046	34.215, 25.195	35.164, 25.438	35.358, 24.271
602	252-261	12- 21	35.464, 24.297	35.270, 25.466	36.223, 25.717	36.421, 24.530
603	252-261	22- 31	36.528, 24.557	36.329, 25.746	37.285, 26.006	37.488, 24.799
604	252-261	32- 41	37.595, 24.826	37.391, 26.036	38.350, 26.306	38.558, 25.077
605	252-261	42- 51	38.665, 25.105	38.457, 26.336	39.418, 26.617	39.631, 25.366
606	252-261	52- 61	39.738, 25.395	39.526, 26.648	40.489, 26.939	40.706, 25.666
607	252-261	62- 71	40.814, 25.696	40.597, 26.972	41.563, 27.275	41.784, 25.977
608	252-261	72- 81	41.892, 26.009	41.670, 27.309	42.638, 27.623	42.864, 26.302
609	252-261	82- 91	42.972, 26.335	42.745, 27.659	43.714, 27.986	43.946, 26.639
610	252-261	92-101	44.054, 26.674	43.822, 28.023	44.791, 28.364	45.028, 26.990
611	252-261	102-111	45.137, 27.026	44.899, 28.402	45.869, 28.757	46.112, 27.357
612	252-261	112-121	46.220, 27.394	45.977, 28.797	46.947, 29.167	47.196, 27.739
613	252-261	122-131	47.304, 27.778	47.055, 29.209	48.025, 29.595	48.279, 28.138
614	252-261	132-141	48.388, 28.178	48.133, 29.639	49.103, 30.043	49.362, 28.555
615	252-261	142-151	49.470, 28.597	49.210, 30.088	50.178, 30.510	50.444, 28.991
616	252-261	152-161	50.552, 29.035	50.286, 30.558	51.252, 31.000	51.524, 29.447
617	252-261	162-171	51.632, 29.494	51.360, 31.050	52.324, 31.512	52.603, 29.926
618	252-261	172-181	52.710, 29.975	52.431, 31.565	53.393, 32.050	53.678, 30.428
619	252-261	182-191	53.785, 30.479	53.500, 32.105	54.459, 32.614	54.750, 30.955
620	252-261	192-201	54.858, 31.010	54.565, 32.672	55.521, 33.207	55.819, 31.510
621	252-261	202-211	55.926, 31.567	55.626, 33.268	56.578, 33.830	56.884, 32.094
622	252-261	212-221	56.990, 32.154	56.683, 33.894	57.630, 34.487	57.943, 32.709
623	252-261	222-231	58.049, 32.772	57.735, 34.555	58.676, 35.180	58.997, 33.358
624	252-261	232-240	59.102, 33.425	58.780, 35.251	59.612, 35.836	59.940, 33.974

MM5 Data for Europe: Individual Tile Corner Coordinates

Tile #	I Range	J Range	Corner Longitude and Latitude			
			SW	SE	NE	NW
625	262-271	2- 11	34.193, 25.323	33.986, 26.464	34.931, 26.726	35.142, 25.567
626	262-271	12- 21	35.247, 25.595	35.036, 26.756	35.984, 27.027	36.200, 25.849
627	262-271	22- 31	36.306, 25.877	36.090, 27.057	37.041, 27.338	37.261, 26.140
628	262-271	32- 41	37.368, 26.170	37.147, 27.370	38.101, 27.660	38.326, 26.442
629	262-271	42- 51	38.433, 26.473	38.207, 27.694	39.164, 27.995	39.394, 26.755
630	262-271	52- 61	39.501, 26.787	39.270, 28.029	40.229, 28.343	40.464, 27.080
631	262-271	62- 71	40.571, 27.114	40.336, 28.378	41.297, 28.703	41.537, 27.418
632	262-271	72- 81	41.644, 27.453	41.403, 28.740	42.366, 29.078	42.611, 27.769
633	262-271	82- 91	42.719, 27.805	42.472, 29.117	43.436, 29.468	43.687, 28.135
634	262-271	92-101	43.795, 28.172	43.543, 29.508	44.507, 29.874	44.764, 28.515
635	262-271	102-111	44.872, 28.554	44.614, 29.916	45.578, 30.297	45.841, 28.912
636	262-271	112-121	45.949, 28.952	45.686, 30.340	46.650, 30.737	46.919, 29.325
637	262-271	122-131	47.027, 29.367	46.757, 30.782	47.721, 31.197	47.996, 29.756
638	262-271	132-141	48.104, 29.801	47.828, 31.244	48.791, 31.677	49.072, 30.207
639	262-271	142-151	49.180, 30.253	48.898, 31.726	49.860, 32.178	50.148, 30.678
640	262-271	152-161	50.255, 30.726	49.967, 32.229	50.927, 32.702	51.221, 31.171
641	262-271	162-171	51.328, 31.221	51.033, 32.756	51.991, 33.251	52.292, 31.687
642	262-271	172-181	52.399, 31.740	52.097, 33.307	53.052, 33.826	53.360, 32.228
643	262-271	182-191	53.467, 32.284	53.158, 33.885	54.110, 34.429	54.425, 32.797
644	262-271	192-201	54.531, 32.855	54.215, 34.491	55.163, 35.062	55.486, 33.394
645	262-271	202-211	55.592, 33.455	55.268, 35.128	56.212, 35.728	56.542, 34.021
646	262-271	212-221	56.648, 34.086	56.316, 35.797	57.255, 36.429	57.593, 34.683
647	262-271	222-231	57.698, 34.751	57.359, 36.501	58.292, 37.166	58.639, 35.380
648	262-271	232-240	58.743, 35.452	58.395, 37.242	59.220, 37.865	59.574, 36.041
649	272-279	2- 11	33.962, 26.590	33.791, 27.472	34.731, 27.749	34.907, 26.854
650	272-279	12- 21	35.012, 26.884	34.836, 27.780	35.780, 28.066	35.959, 27.157
651	272-279	22- 31	36.065, 27.188	35.886, 28.098	36.833, 28.395	37.016, 27.470
652	272-279	32- 41	37.122, 27.502	36.938, 28.428	37.888, 28.736	38.075, 27.795
653	272-279	42- 51	38.181, 27.829	37.994, 28.771	38.946, 29.089	39.138, 28.132
654	272-279	52- 61	39.244, 28.167	39.052, 29.125	40.007, 29.456	40.202, 28.482
655	272-279	62- 71	40.309, 28.518	40.113, 29.493	41.069, 29.836	41.269, 28.846
656	272-279	72- 81	41.376, 28.883	41.175, 29.875	42.133, 30.232	42.337, 29.223
657	272-279	82- 91	42.444, 29.262	42.239, 30.272	43.198, 30.643	43.407, 29.616
658	272-279	92-101	43.514, 29.656	43.305, 30.685	44.264, 31.070	44.477, 30.024
659	272-279	102-111	44.584, 30.066	44.370, 31.114	45.330, 31.516	45.548, 30.450
660	272-279	112-121	45.655, 30.493	45.437, 31.561	46.396, 31.980	46.619, 30.893
661	272-279	122-131	46.726, 30.939	46.502, 32.027	47.461, 32.463	47.689, 31.356
662	272-279	132-141	47.796, 31.403	47.568, 32.513	48.525, 32.968	48.759, 31.839
663	272-279	142-151	48.866, 31.888	48.632, 33.020	49.588, 33.495	49.827, 32.343
664	272-279	152-161	49.933, 32.395	49.694, 33.549	50.648, 34.047	50.893, 32.871
665	272-279	162-171	50.999, 32.925	50.754, 34.103	51.706, 34.623	51.956, 33.423
666	272-279	172-181	52.062, 33.480	51.812, 34.682	52.761, 35.227	53.017, 34.002
667	272-279	182-191	53.122, 34.062	52.866, 35.289	53.812, 35.860	54.073, 34.609
668	272-279	192-201	54.179, 34.671	53.917, 35.925	54.858, 36.524	55.126, 35.246
669	272-279	202-211	55.231, 35.312	54.962, 36.592	55.900, 37.222	56.174, 35.916
670	272-279	212-221	56.278, 35.985	56.003, 37.293	56.935, 37.955	57.216, 36.621
671	272-279	222-231	57.320, 36.693	57.038, 38.030	57.965, 38.727	58.252, 37.363
672	272-279	232-240	58.355, 37.439	58.067, 38.806	58.885, 39.457	59.179, 38.065