

12km MM5 Data for Asia - Area 2: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
1	2- 11	2- 11	5.009, 96.565	5.047, 97.629	6.108, 97.593	6.070, 96.525
2	2- 11	12- 21	6.070, 96.520	6.108, 97.589	7.200, 97.554	7.162, 96.479
3	2- 11	22- 31	7.162, 96.475	7.200, 97.550	8.295, 97.514	8.257, 96.433
4	2- 11	32- 41	8.257, 96.429	8.295, 97.510	9.393, 97.473	9.355, 96.387
5	2- 11	42- 51	9.355, 96.383	9.393, 97.469	10.494, 97.432	10.455, 96.340
6	2- 11	52- 61	10.455, 96.336	10.494, 97.428	11.597, 97.391	11.557, 96.293
7	2- 11	62- 71	11.557, 96.288	11.597, 97.387	12.701, 97.349	12.661, 96.245
8	2- 11	72- 81	12.661, 96.240	12.701, 97.345	13.806, 97.307	13.767, 96.197
9	2- 11	82- 91	13.767, 96.192	13.806, 97.303	14.913, 97.264	14.873, 96.148
10	2- 11	92- 101	14.873, 96.143	14.913, 97.260	16.020, 97.221	15.979, 96.098
11	2- 11	102- 111	15.979, 96.093	16.020, 97.216	17.127, 97.177	17.086, 96.048
12	2- 11	112- 121	17.086, 96.043	17.127, 97.173	18.233, 97.133	18.192, 95.998
13	2- 11	122- 131	18.192, 95.993	18.233, 97.128	19.339, 97.088	19.298, 95.947
14	2- 11	132- 141	19.298, 95.942	19.339, 97.084	20.444, 97.043	20.402, 95.895
15	2- 11	142- 151	20.402, 95.890	20.444, 97.038	21.546, 96.997	21.505, 95.842
16	2- 11	152- 161	21.505, 95.837	21.546, 96.992	22.647, 96.951	22.606, 95.790
17	2- 11	162- 174	22.606, 95.784	22.647, 96.946	24.019, 96.890	23.977, 95.720
18	12- 21	2- 11	5.050, 97.629	5.083, 98.720	6.144, 98.690	6.112, 97.593
19	12- 21	12- 21	6.112, 97.589	6.144, 98.687	7.237, 98.656	7.204, 97.554
20	12- 21	22- 31	7.204, 97.550	7.237, 98.653	8.333, 98.622	8.299, 97.514
21	12- 21	32- 41	8.299, 97.510	8.333, 98.619	9.431, 98.588	9.397, 97.473
22	12- 21	42- 51	9.397, 97.469	9.431, 98.584	10.532, 98.553	10.498, 97.432
23	12- 21	52- 61	10.498, 97.428	10.532, 98.549	11.635, 98.517	11.601, 97.391
24	12- 21	62- 71	11.601, 97.387	11.635, 98.514	12.739, 98.482	12.705, 97.349
25	12- 21	72- 81	12.705, 97.345	12.739, 98.478	13.845, 98.446	13.811, 97.307
26	12- 21	82- 91	13.811, 97.303	13.845, 98.442	14.952, 98.409	14.917, 97.264
27	12- 21	92- 101	14.917, 97.260	14.952, 98.406	16.059, 98.372	16.024, 97.221
28	12- 21	102- 111	16.024, 97.216	16.059, 98.369	17.166, 98.335	17.131, 97.177
29	12- 21	112- 121	17.131, 97.173	17.166, 98.331	18.273, 98.297	18.237, 97.133
30	12- 21	122- 131	18.237, 97.128	18.273, 98.294	19.379, 98.259	19.343, 97.088
31	12- 21	132- 141	19.343, 97.084	19.379, 98.256	20.483, 98.221	20.448, 97.043
32	12- 21	142- 151	20.448, 97.038	20.483, 98.217	21.586, 98.182	21.551, 96.997
33	12- 21	152- 161	21.551, 96.992	21.586, 98.178	22.687, 98.142	22.652, 96.951
34	12- 21	162- 174	22.652, 96.946	22.687, 98.138	24.059, 98.090	24.023, 96.890
35	22- 31	2- 11	5.086, 98.720	5.113, 99.812	6.175, 99.787	6.148, 98.690
36	22- 31	12- 21	6.148, 98.687	6.175, 99.784	7.268, 99.759	7.240, 98.656
37	22- 31	22- 31	7.240, 98.653	7.268, 99.756	8.364, 99.731	8.336, 98.622
38	22- 31	32- 41	8.336, 98.619	8.364, 99.728	9.462, 99.702	9.434, 98.588
39	22- 31	42- 51	9.434, 98.584	9.462, 99.699	10.564, 99.673	10.535, 98.553
40	22- 31	52- 61	10.535, 98.549	10.564, 99.670	11.667, 99.644	11.638, 98.517
41	22- 31	62- 71	11.638, 98.514	11.667, 99.641	12.771, 99.615	12.743, 98.482
42	22- 31	72- 81	12.743, 98.478	12.771, 99.612	13.878, 99.585	13.849, 98.446
43	22- 31	82- 91	13.849, 98.442	13.878, 99.582	14.984, 99.555	14.955, 98.409
44	22- 31	92- 101	14.955, 98.406	14.984, 99.552	16.092, 99.524	16.062, 98.372
45	22- 31	102- 111	16.062, 98.369	16.092, 99.521	17.199, 99.494	17.170, 98.335
46	22- 31	112- 121	17.170, 98.331	17.199, 99.491	18.306, 99.462	18.276, 98.297
47	22- 31	122- 131	18.276, 98.294	18.306, 99.459	19.412, 99.431	19.382, 98.259
48	22- 31	132- 141	19.382, 98.256	19.412, 99.428	20.517, 99.399	20.487, 98.221
49	22- 31	142- 151	20.487, 98.217	20.517, 99.396	21.620, 99.367	21.590, 98.182
50	22- 31	152- 161	21.590, 98.178	21.620, 99.364	22.721, 99.334	22.691, 98.142
51	22- 31	162- 174	22.691, 98.138	22.721, 99.331	24.093, 99.291	24.063, 98.090

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#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
52	32- 41	2- 11	5.116, 99.812	5.138, 100.904	6.200, 100.884	6.178, 99.787
53	32- 41	12- 21	6.178, 99.784	6.200, 100.882	7.293, 100.862	7.271, 99.759
54	32- 41	22- 31	7.271, 99.756	7.293, 100.860	8.389, 100.840	8.367, 99.731
55	32- 41	32- 41	8.367, 99.728	8.389, 100.837	9.488, 100.817	9.465, 99.702
56	32- 41	42- 51	9.465, 99.699	9.488, 100.815	10.589, 100.794	10.566, 99.673
57	32- 41	52- 61	10.566, 99.670	10.589, 100.792	11.693, 100.771	11.670, 99.644
58	32- 41	62- 71	11.670, 99.641	11.693, 100.769	12.798, 100.748	12.774, 99.615
59	32- 41	72- 81	12.774, 99.612	12.798, 100.746	13.904, 100.725	13.880, 99.585
60	32- 41	82- 91	13.880, 99.582	13.904, 100.722	15.011, 100.701	14.987, 99.555
61	32- 41	92- 101	14.987, 99.552	15.011, 100.698	16.118, 100.677	16.095, 99.524
62	32- 41	102- 111	16.095, 99.521	16.118, 100.674	17.226, 100.652	17.202, 99.494
63	32- 41	112- 121	17.202, 99.491	17.226, 100.650	18.333, 100.628	18.309, 99.462
64	32- 41	122- 131	18.309, 99.459	18.333, 100.625	19.439, 100.603	19.415, 99.431
65	32- 41	132- 141	19.415, 99.428	19.439, 100.601	20.544, 100.578	20.520, 99.399
66	32- 41	142- 151	20.520, 99.396	20.544, 100.575	21.647, 100.552	21.623, 99.367
67	32- 41	152- 161	21.623, 99.364	21.647, 100.550	22.749, 100.527	22.724, 99.334
68	32- 41	162- 174	22.724, 99.331	22.749, 100.524	24.121, 100.493	24.096, 99.291
69	42- 51	2- 11	5.140, 100.904	5.157, 101.996	6.219, 101.981	6.202, 100.884
70	42- 51	12- 21	6.202, 100.882	6.219, 101.980	7.313, 101.965	7.295, 100.862
71	42- 51	22- 31	7.295, 100.860	7.313, 101.964	8.409, 101.949	8.391, 100.840
72	42- 51	32- 41	8.391, 100.837	8.409, 101.947	9.508, 101.932	9.490, 100.817
73	42- 51	42- 51	9.490, 100.815	9.508, 101.931	10.609, 101.916	10.592, 100.794
74	42- 51	52- 61	10.592, 100.792	10.609, 101.914	11.713, 101.899	11.695, 100.771
75	42- 51	62- 71	11.695, 100.769	11.713, 101.897	12.818, 101.882	12.800, 100.748
76	42- 51	72- 81	12.800, 100.746	12.818, 101.880	13.924, 101.865	13.906, 100.725
77	42- 51	82- 91	13.906, 100.722	13.924, 101.863	15.031, 101.847	15.013, 100.701
78	42- 51	92- 101	15.013, 100.698	15.031, 101.845	16.139, 101.829	16.121, 100.677
79	42- 51	102- 111	16.121, 100.674	16.139, 101.828	17.246, 101.812	17.228, 100.652
80	42- 51	112- 121	17.228, 100.650	17.246, 101.810	18.353, 101.794	18.335, 100.628
81	42- 51	122- 131	18.335, 100.625	18.353, 101.792	19.460, 101.775	19.441, 100.603
82	42- 51	132- 141	19.441, 100.601	19.460, 101.773	20.565, 101.757	20.546, 100.578
83	42- 51	142- 151	20.546, 100.575	20.565, 101.755	21.668, 101.738	21.650, 100.552
84	42- 51	152- 161	21.650, 100.550	21.668, 101.736	22.770, 101.719	22.751, 100.527
85	42- 51	162- 174	22.751, 100.524	22.770, 101.717	24.142, 101.694	24.123, 100.493
86	52- 61	2- 11	5.159, 101.996	5.170, 103.088	6.233, 103.079	6.221, 101.981
87	52- 61	12- 21	6.221, 101.980	6.233, 103.078	7.326, 103.069	7.314, 101.965
88	52- 61	22- 31	7.314, 101.964	7.326, 103.068	8.422, 103.058	8.410, 101.949
89	52- 61	32- 41	8.410, 101.947	8.422, 103.057	9.521, 103.048	9.509, 101.932
90	52- 61	42- 51	9.509, 101.931	9.521, 103.047	10.623, 103.037	10.611, 101.916
91	52- 61	52- 61	10.611, 101.914	10.623, 103.036	11.727, 103.026	11.714, 101.899
92	52- 61	62- 71	11.714, 101.897	11.727, 103.025	12.832, 103.016	12.819, 101.882
93	52- 61	72- 81	12.819, 101.880	12.832, 103.014	13.938, 103.005	13.926, 101.865
94	52- 61	82- 91	13.926, 101.863	13.938, 103.004	15.045, 102.993	15.033, 101.847
95	52- 61	92- 101	15.033, 101.845	15.045, 102.992	16.153, 102.982	16.140, 101.829
96	52- 61	102- 111	16.140, 101.828	16.153, 102.981	17.261, 102.971	17.248, 101.812
97	52- 61	112- 121	17.248, 101.810	17.261, 102.970	18.368, 102.959	18.355, 101.794
98	52- 61	122- 131	18.355, 101.792	18.368, 102.958	19.474, 102.948	19.462, 101.775
99	52- 61	132- 141	19.462, 101.773	19.474, 102.947	20.579, 102.936	20.567, 101.757
100	52- 61	142- 151	20.567, 101.755	20.579, 102.935	21.683, 102.924	21.670, 101.738
101	52- 61	152- 161	21.670, 101.736	21.683, 102.923	22.784, 102.912	22.771, 101.719
102	52- 61	162- 174	22.771, 101.717	22.784, 102.911	24.157, 102.896	24.144, 101.694

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#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
103	62- 71	2- 11	5.171, 103.088	5.178, 104.181	6.240, 104.177	6.234, 103.079
104	62- 71	12- 21	6.234, 103.078	6.240, 104.176	7.334, 104.172	7.327, 103.069
105	62- 71	22- 31	7.327, 103.068	7.334, 104.172	8.430, 104.168	8.423, 103.058
106	62- 71	32- 41	8.423, 103.057	8.430, 104.167	9.529, 104.163	9.523, 103.048
107	62- 71	42- 51	9.523, 103.047	9.529, 104.163	10.631, 104.159	10.624, 103.037
108	62- 71	52- 61	10.624, 103.036	10.631, 104.158	11.734, 104.154	11.728, 103.026
109	62- 71	62- 71	11.728, 103.025	11.734, 104.154	12.840, 104.149	12.833, 103.016
110	62- 71	72- 81	12.833, 103.014	12.840, 104.149	13.946, 104.145	13.939, 103.005
111	62- 71	82- 91	13.939, 103.004	13.946, 104.144	15.053, 104.140	15.046, 102.993
112	62- 71	92- 101	15.046, 102.992	15.053, 104.140	16.161, 104.135	16.154, 102.982
113	62- 71	102- 111	16.154, 102.981	16.161, 104.135	17.269, 104.130	17.262, 102.971
114	62- 71	112- 121	17.262, 102.970	17.269, 104.130	18.376, 104.125	18.369, 102.959
115	62- 71	122- 131	18.369, 102.958	18.376, 104.125	19.482, 104.120	19.475, 102.948
116	62- 71	132- 141	19.475, 102.947	19.482, 104.120	20.588, 104.115	20.580, 102.936
117	62- 71	142- 151	20.580, 102.935	20.588, 104.115	21.691, 104.110	21.684, 102.924
118	62- 71	152- 161	21.684, 102.923	21.691, 104.110	22.792, 104.105	22.785, 102.912
119	62- 71	162- 174	22.785, 102.911	22.792, 104.105	24.166, 104.098	24.158, 102.896
120	72- 81	2- 11	5.178, 104.181	5.180, 105.273	6.242, 105.274	6.241, 104.177
121	72- 81	12- 21	6.241, 104.176	6.242, 105.275	7.335, 105.276	7.334, 104.172
122	72- 81	22- 31	7.334, 104.172	7.335, 105.276	8.432, 105.277	8.431, 104.168
123	72- 81	32- 41	8.431, 104.167	8.432, 105.278	9.531, 105.279	9.530, 104.163
124	72- 81	42- 51	9.530, 104.163	9.531, 105.279	10.633, 105.280	10.631, 104.159
125	72- 81	52- 61	10.631, 104.158	10.633, 105.281	11.736, 105.282	11.735, 104.154
126	72- 81	62- 71	11.735, 104.154	11.736, 105.282	12.841, 105.284	12.840, 104.149
127	72- 81	72- 81	12.840, 104.149	12.841, 105.284	13.948, 105.285	13.947, 104.145
128	72- 81	82- 91	13.947, 104.144	13.948, 105.285	15.055, 105.287	15.054, 104.140
129	72- 81	92- 101	15.054, 104.140	15.055, 105.287	16.163, 105.288	16.162, 104.135
130	72- 81	102- 111	16.162, 104.135	16.163, 105.288	17.271, 105.290	17.269, 104.130
131	72- 81	112- 121	17.269, 104.130	17.271, 105.290	18.378, 105.292	18.376, 104.125
132	72- 81	122- 131	18.376, 104.125	18.378, 105.292	19.484, 105.293	19.483, 104.120
133	72- 81	132- 141	19.483, 104.120	19.484, 105.293	20.590, 105.295	20.588, 104.115
134	72- 81	142- 151	20.588, 104.115	20.590, 105.295	21.693, 105.297	21.692, 104.110
135	72- 81	152- 161	21.692, 104.110	21.693, 105.297	22.794, 105.298	22.793, 104.105
136	72- 81	162- 174	22.793, 104.105	22.794, 105.298	24.168, 105.301	24.166, 104.098
137	82- 91	2- 11	5.179, 105.273	5.176, 106.366	6.238, 106.372	6.242, 105.274
138	82- 91	12- 21	6.242, 105.275	6.238, 106.373	7.331, 106.380	7.335, 105.276
139	82- 91	22- 31	7.335, 105.276	7.331, 106.380	8.428, 106.387	8.432, 105.277
140	82- 91	32- 41	8.432, 105.278	8.428, 106.388	9.527, 106.394	9.531, 105.279
141	82- 91	42- 51	9.531, 105.279	9.527, 106.395	10.628, 106.402	10.632, 105.280
142	82- 91	52- 61	10.632, 105.281	10.628, 106.403	11.732, 106.410	11.736, 105.282
143	82- 91	62- 71	11.736, 105.282	11.732, 106.411	12.837, 106.417	12.841, 105.284
144	82- 91	72- 81	12.841, 105.284	12.837, 106.418	13.944, 106.425	13.948, 105.285
145	82- 91	82- 91	13.948, 105.285	13.944, 106.426	15.051, 106.433	15.055, 105.287
146	82- 91	92- 101	15.055, 105.287	15.051, 106.434	16.159, 106.441	16.163, 105.288
147	82- 91	102- 111	16.163, 105.288	16.159, 106.442	17.266, 106.449	17.271, 105.290
148	82- 91	112- 121	17.271, 105.290	17.266, 106.450	18.374, 106.458	18.378, 105.292
149	82- 91	122- 131	18.378, 105.292	18.374, 106.458	19.480, 106.466	19.484, 105.293
150	82- 91	132- 141	19.484, 105.293	19.480, 106.467	20.585, 106.474	20.589, 105.295
151	82- 91	142- 151	20.589, 105.295	20.585, 106.475	21.689, 106.483	21.693, 105.297
152	82- 91	152- 161	21.693, 105.297	21.689, 106.484	22.790, 106.491	22.794, 105.298
153	82- 91	162- 174	22.794, 105.298	22.790, 106.492	24.163, 106.503	24.167, 105.301

12km MM5 Data for Asia - Area 2: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
154	92- 101	2- 11	5.175, 106.366	5.166, 107.458	6.228, 107.470	6.237, 106.372
155	92- 101	12- 21	6.237, 106.373	6.228, 107.471	7.321, 107.483	7.331, 106.380
156	92- 101	22- 31	7.331, 106.380	7.321, 107.484	8.418, 107.496	8.427, 106.387
157	92- 101	32- 41	8.427, 106.388	8.418, 107.498	9.517, 107.510	9.526, 106.394
158	92- 101	42- 51	9.526, 106.395	9.517, 107.511	10.618, 107.524	10.628, 106.402
159	92- 101	52- 61	10.628, 106.403	10.618, 107.525	11.722, 107.537	11.731, 106.410
160	92- 101	62- 71	11.731, 106.411	11.722, 107.539	12.827, 107.551	12.837, 106.417
161	92- 101	72- 81	12.837, 106.418	12.827, 107.553	13.933, 107.565	13.943, 106.425
162	92- 101	82- 91	13.943, 106.426	13.933, 107.567	15.040, 107.580	15.050, 106.433
163	92- 101	92- 101	15.050, 106.434	15.040, 107.581	16.148, 107.594	16.158, 106.441
164	92- 101	102- 111	16.158, 106.442	16.148, 107.596	17.256, 107.609	17.265, 106.449
165	92- 101	112- 121	17.265, 106.450	17.256, 107.610	18.363, 107.624	18.373, 106.458
166	92- 101	122- 131	18.373, 106.458	18.363, 107.625	19.469, 107.638	19.479, 106.466
167	92- 101	132- 141	19.479, 106.467	19.469, 107.640	20.574, 107.654	20.584, 106.474
168	92- 101	142- 151	20.584, 106.475	20.574, 107.655	21.678, 107.669	21.688, 106.483
169	92- 101	152- 161	21.688, 106.484	21.678, 107.670	22.779, 107.684	22.789, 106.491
170	92- 101	162- 174	22.789, 106.492	22.779, 107.686	24.153, 107.705	24.163, 106.503
171	102- 111	2- 11	5.165, 107.458	5.150, 108.550	6.212, 108.567	6.227, 107.470
172	102- 111	12- 21	6.227, 107.471	6.212, 108.569	7.306, 108.586	7.320, 107.483
173	102- 111	22- 31	7.320, 107.484	7.306, 108.588	8.402, 108.606	8.416, 107.496
174	102- 111	32- 41	8.416, 107.498	8.402, 108.608	9.501, 108.625	9.515, 107.510
175	102- 111	42- 51	9.515, 107.511	9.501, 108.627	10.602, 108.645	10.617, 107.524
176	102- 111	52- 61	10.617, 107.525	10.602, 108.647	11.705, 108.665	11.720, 107.537
177	102- 111	62- 71	11.720, 107.539	11.705, 108.667	12.810, 108.685	12.826, 107.551
178	102- 111	72- 81	12.826, 107.553	12.810, 108.687	13.917, 108.705	13.932, 107.565
179	102- 111	82- 91	13.932, 107.567	13.917, 108.708	15.024, 108.726	15.039, 107.580
180	102- 111	92- 101	15.039, 107.581	15.024, 108.728	16.131, 108.747	16.147, 107.594
181	102- 111	102- 111	16.147, 107.596	16.131, 108.749	17.239, 108.768	17.254, 107.609
182	102- 111	112- 121	17.254, 107.610	17.239, 108.770	18.346, 108.789	18.361, 107.624
183	102- 111	122- 131	18.361, 107.625	18.346, 108.792	19.452, 108.811	19.468, 107.638
184	102- 111	132- 141	19.468, 107.640	19.452, 108.813	20.557, 108.833	20.573, 107.654
185	102- 111	142- 151	20.573, 107.655	20.557, 108.835	21.661, 108.855	21.676, 107.669
186	102- 111	152- 161	21.676, 107.670	21.661, 108.857	22.762, 108.877	22.778, 107.684
187	102- 111	162- 174	22.778, 107.686	22.762, 108.879	24.135, 108.906	24.151, 107.705
188	112- 121	2- 11	5.148, 108.550	5.129, 109.642	6.191, 109.665	6.211, 108.567
189	112- 121	12- 21	6.211, 108.569	6.191, 109.667	7.284, 109.690	7.304, 108.586
190	112- 121	22- 31	7.304, 108.588	7.284, 109.692	8.380, 109.715	8.400, 108.606
191	112- 121	32- 41	8.400, 108.608	8.380, 109.717	9.479, 109.740	9.499, 108.625
192	112- 121	42- 51	9.499, 108.627	9.479, 109.743	10.580, 109.766	10.600, 108.645
193	112- 121	52- 61	10.600, 108.647	10.580, 109.769	11.683, 109.792	11.703, 108.665
194	112- 121	62- 71	11.703, 108.667	11.683, 109.795	12.788, 109.819	12.809, 108.685
195	112- 121	72- 81	12.809, 108.687	12.788, 109.821	13.894, 109.845	13.915, 108.705
196	112- 121	82- 91	13.915, 108.708	13.894, 109.848	15.001, 109.872	15.022, 108.726
197	112- 121	92- 101	15.022, 108.728	15.001, 109.875	16.108, 109.899	16.129, 108.747
198	112- 121	102- 111	16.129, 108.749	16.108, 109.902	17.216, 109.927	17.237, 108.768
199	112- 121	112- 121	17.237, 108.770	17.216, 109.930	18.323, 109.955	18.344, 108.789
200	112- 121	122- 131	18.344, 108.792	18.323, 109.958	19.429, 109.983	19.450, 108.811
201	112- 121	132- 141	19.450, 108.813	19.429, 109.986	20.534, 110.012	20.555, 108.833
202	112- 121	142- 151	20.555, 108.835	20.534, 110.014	21.637, 110.040	21.659, 108.855
203	112- 121	152- 161	21.659, 108.857	21.637, 110.043	22.738, 110.070	22.760, 108.877
204	112- 121	162- 174	22.760, 108.879	22.738, 110.073	24.112, 110.108	24.133, 108.906

12km MM5 Data for Asia - Area 2: Individual Tile Corner Coordinates

#	I Range	J Range	Corner Latitude and Longitude			
			SW	SE	NE	NW
205	122- 131	2- 11	5.127, 109.642	5.102, 110.734	6.164, 110.762	6.189, 109.665
206	122- 131	12- 21	6.189, 109.667	6.164, 110.765	7.256, 110.792	7.281, 109.690
207	122- 131	22- 31	7.281, 109.692	7.256, 110.796	8.352, 110.824	8.377, 109.715
208	122- 131	32- 41	8.377, 109.717	8.352, 110.827	9.451, 110.855	9.476, 109.740
209	122- 131	42- 51	9.476, 109.743	9.451, 110.858	10.552, 110.887	10.577, 109.766
210	122- 131	52- 61	10.577, 109.769	10.552, 110.890	11.655, 110.919	11.681, 109.792
211	122- 131	62- 71	11.681, 109.795	11.655, 110.923	12.759, 110.952	12.785, 109.819
212	122- 131	72- 81	12.785, 109.821	12.759, 110.955	13.865, 110.985	13.891, 109.845
213	122- 131	82- 91	13.891, 109.848	13.865, 110.988	14.972, 111.018	14.998, 109.872
214	122- 131	92- 101	14.998, 109.875	14.972, 111.021	16.079, 111.052	16.106, 109.899
215	122- 131	102- 111	16.106, 109.902	16.079, 111.055	17.186, 111.086	17.213, 109.927
216	122- 131	112- 121	17.213, 109.930	17.186, 111.089	18.293, 111.120	18.320, 109.955
217	122- 131	122- 131	18.320, 109.958	18.293, 111.124	19.399, 111.155	19.426, 109.983
218	122- 131	132- 141	19.426, 109.986	19.399, 111.158	20.504, 111.190	20.531, 110.012
219	122- 131	142- 151	20.531, 110.014	20.504, 111.194	21.607, 111.226	21.634, 110.040
220	122- 131	152- 161	21.634, 110.043	21.607, 111.229	22.708, 111.262	22.736, 110.070
221	122- 131	162- 174	22.736, 110.073	22.708, 111.265	24.082, 111.309	24.109, 110.108
222	132- 141	2- 11	5.099, 110.734	5.069, 111.826	6.131, 111.858	6.161, 110.762
223	132- 141	12- 21	6.161, 110.765	6.131, 111.862	7.223, 111.895	7.253, 110.792
224	132- 141	22- 31	7.253, 110.796	7.223, 111.899	8.318, 111.932	8.349, 110.824
225	132- 141	32- 41	8.349, 110.827	8.318, 111.936	9.417, 111.970	9.447, 110.855
226	132- 141	42- 51	9.447, 110.858	9.417, 111.973	10.517, 112.008	10.548, 110.887
227	132- 141	52- 61	10.548, 110.890	10.517, 112.011	11.620, 112.046	11.652, 110.919
228	132- 141	62- 71	11.652, 110.923	11.620, 112.050	12.725, 112.085	12.756, 110.952
229	132- 141	72- 81	12.756, 110.955	12.725, 112.089	13.830, 112.124	13.862, 110.985
230	132- 141	82- 91	13.862, 110.988	13.830, 112.128	14.937, 112.163	14.969, 111.018
231	132- 141	92- 101	14.969, 111.021	14.937, 112.167	16.044, 112.203	16.076, 111.052
232	132- 141	102- 111	16.076, 111.055	16.044, 112.208	17.151, 112.244	17.183, 111.086
233	132- 141	112- 121	17.183, 111.089	17.151, 112.248	18.258, 112.285	18.290, 111.120
234	132- 141	122- 131	18.290, 111.124	18.258, 112.289	19.364, 112.326	19.396, 111.155
235	132- 141	132- 141	19.396, 111.158	19.364, 112.330	20.468, 112.368	20.501, 111.190
236	132- 141	142- 151	20.501, 111.194	20.468, 112.372	21.571, 112.411	21.604, 111.226
237	132- 141	152- 161	21.604, 111.229	21.571, 112.415	22.672, 112.453	22.705, 111.262
238	132- 141	162- 174	22.705, 111.265	22.672, 112.458	24.046, 112.510	24.079, 111.309
239	142- 150	2- 11	5.065, 111.826	5.035, 112.780	6.096, 112.818	6.127, 111.858
240	142- 150	12- 21	6.127, 111.862	6.096, 112.822	7.188, 112.860	7.219, 111.895
241	142- 150	22- 31	7.219, 111.899	7.188, 112.864	8.283, 112.902	8.315, 111.932
242	142- 150	32- 41	8.315, 111.936	8.283, 112.906	9.381, 112.945	9.413, 111.970
243	142- 150	42- 51	9.413, 111.973	9.381, 112.949	10.482, 112.988	10.514, 112.008
244	142- 150	52- 61	10.514, 112.011	10.482, 112.992	11.584, 113.031	11.616, 112.046
245	142- 150	62- 71	11.616, 112.050	11.584, 113.036	12.688, 113.076	12.721, 112.085
246	142- 150	72- 81	12.721, 112.089	12.688, 113.080	13.794, 113.120	13.827, 112.124
247	142- 150	82- 91	13.827, 112.128	13.794, 113.125	14.900, 113.165	14.933, 112.163
248	142- 150	92- 101	14.933, 112.167	14.900, 113.170	16.007, 113.211	16.040, 112.203
249	142- 150	102- 111	16.040, 112.208	16.007, 113.216	17.114, 113.257	17.147, 112.244
250	142- 150	112- 121	17.147, 112.248	17.114, 113.262	18.220, 113.304	18.254, 112.285
251	142- 150	122- 131	18.254, 112.289	18.220, 113.309	19.326, 113.351	19.360, 112.326
252	142- 150	132- 141	19.360, 112.330	19.326, 113.356	20.430, 113.399	20.464, 112.368
253	142- 150	142- 151	20.464, 112.372	20.430, 113.404	21.533, 113.447	21.567, 112.411
254	142- 150	152- 161	21.567, 112.415	21.533, 113.452	22.634, 113.496	22.668, 112.453
255	142- 150	162- 174	22.668, 112.458	22.634, 113.501	24.008, 113.560	24.042, 112.510