



No. F45A2
Scale 1:50,000



भारतीय सर्वेक्षण विभाग SURVEY OF INDIA

No. 1 Edition 2008 Price: Rs. 50/-

CONVENTIONAL SYMBOLS

- Boundaries: National, State, District, Taluk, Village, Hamlet, etc.
- Water: Rivers, Canals, Wells, etc.
- Vegetation: Forest, Cultivated, etc.
- Buildings: Urban, Rural, etc.
- Infrastructure: Roads, Railways, etc.

REFERENCES

- Notes: 1. Symbols are in metric and shown in feet in brackets.
- 2. Symbols are in metric and shown in feet in brackets.
- 3. Symbols are in metric and shown in feet in brackets.

COMPILATION ROCK

Projection - UTM Datum - WGS 84
Magnetic Variation from True North about 4° West in 2008.
Scale 1:50,000

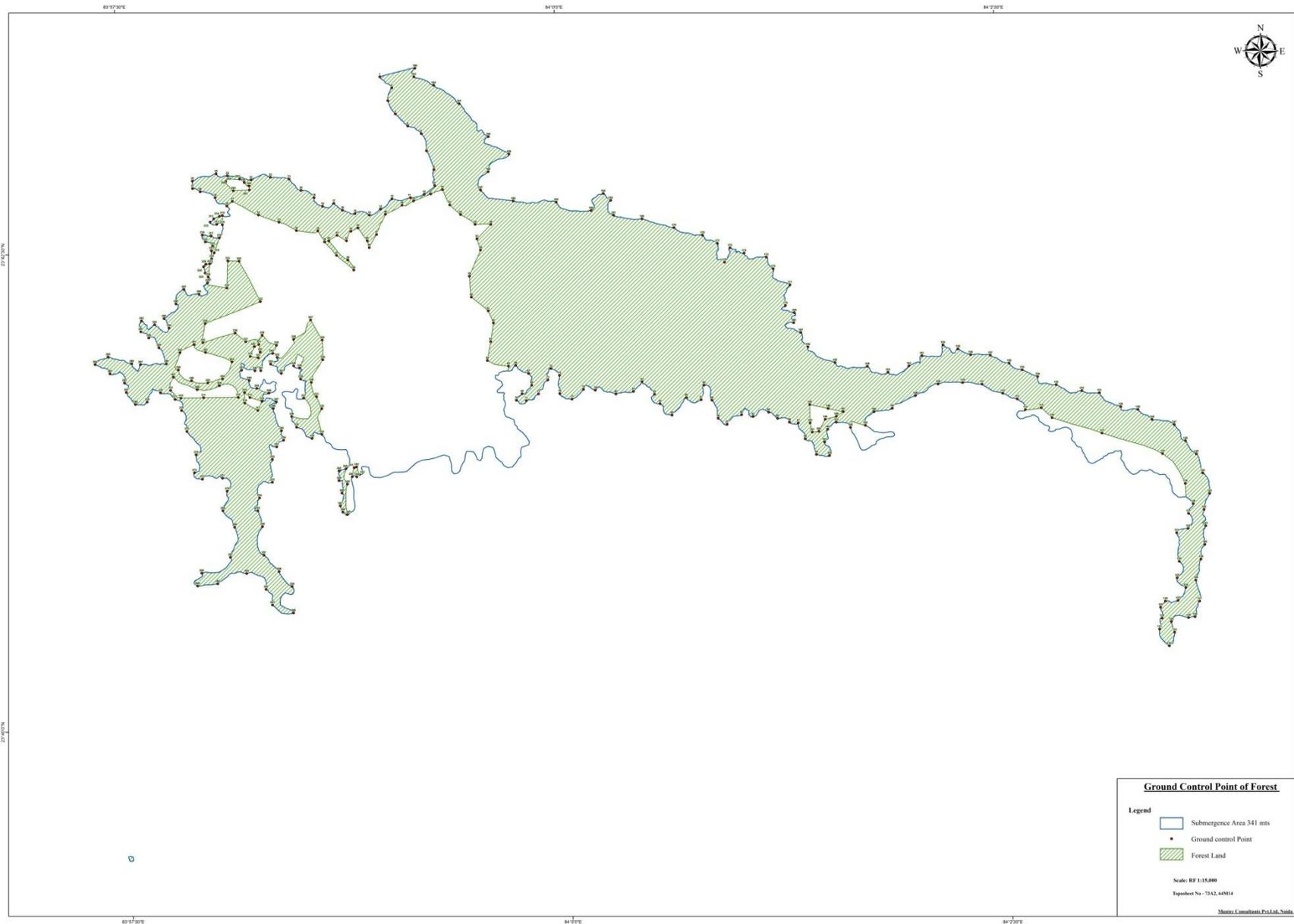
Director
Joint Military Geographical Centre
Survey of India, Dehra Dun
Uttarakhand
India - 248002
Fax: 0561-2462789



Submergence area Map on Toposheet

Legend	
	Submergence Area 341 mts 617.04 ha
	Forest Land 543.97 ha
	Non Forest Land 73.07 ha

Scale: RF 1:50,000
Toposheet No - 73A2
Master Consultants Pvt.Ltd., Solan



Ground Control Point of Forest

- Legend
- Submergence Area 341 mts
 - Ground control Point
 - Forest Land

Scale: RP 1:15,000
Tapeheet No. 7542.64M14

Maha Camtham Pij Ltd, Suva

Forest Ground Control Point

S.No	Latitude	Longitude	UID
1	23°43'23.447"N	83°58'59.311"E	0
2	23°43'19.929"N	83°59'3.432"E	1
3	23°43'16.197"N	83°59'1.947"E	2
4	23°43'16.197"N	83°59'4.654"E	3
5	23°43'7.893"N	83°59'9.11"E	4
6	23°43'5.451"N	83°59'13.139"E	5
7	23°43'0.043"N	83°59'14.999"E	6
8	23°42'53.979"N	83°59'17.428"E	7
9	23°42'48.819"N	83°59'17.544"E	8
10	23°42'46.099"N	83°59'13.748"E	9
11	23°42'46.099"N	83°59'13.748"E	10
12	23°42'45.34"N	83°59'2.995"E	11
13	23°42'42.199"N	83°58'58.722"E	12
14	23°42'39.908"N	83°58'54.936"E	13
15	23°42'40.754"N	83°58'50.054"E	14
16	23°42'41.583"N	83°58'46.105"E	15
17	23°42'43.999"N	83°58'43.36"E	16
18	23°42'43.116"N	83°58'39.022"E	17
19	23°42'46.021"N	83°58'36.376"E	18
20	23°42'48.376"N	83°58'31.952"E	19
21	23°42'48.376"N	83°58'31.952"E	20
22	23°42'52.711"N	83°58'21.692"E	21
23	23°42'52.023"N	83°58'14.952"E	22
24	23°42'53.49"N	83°58'6.929"E	23
25	23°42'54.198"N	83°58'3.155"E	24
26	23°42'51.957"N	83°57'54.951"E	25
27	23°42'49.666"N	83°57'55.024"E	26

28	23°42'48.579"N	83°57'57.527"E	27
29	23°42'46.637"N	83°58'2.588"E	28
30	23°42'43.876"N	83°58'6.551"E	29
31	23°42'45.318"N	83°58'8.448"E	30
32	23°42'40.895"N	83°58'17.317"E	31
33	23°42'38.453"N	83°58'24.286"E	32
34	23°42'35.759"N	83°58'30.145"E	33
35	23°42'35.552"N	83°58'37.397"E	34
36	23°42'32.046"N	83°58'39.679"E	35
37	23°42'27.68"N	83°58'43.617"E	36
38	23°42'27.68"N	83°58'43.617"E	37
39	23°42'26.262"N	83°58'47.524"E	38
40	23°42'32.301"N	83°58'41.067"E	39
41	23°42'34.056"N	83°58'43.922"E	40
42	23°42'32.263"N	83°58'47.124"E	41
43	23°42'35.253"N	83°58'48.692"E	42
44	23°42'36.258"N	83°58'51.162"E	43
45	23°42'32.075"N	83°58'54.227"E	44
46	23°42'29.931"N	83°58'54.925"E	45
47	23°42'34.071"N	83°58'57.531"E	46
48	23°42'40.286"N	83°59'0.548"E	47
49	23°42'43.032"N	83°59'6.315"E	48
50	23°42'44.324"N	83°59'10.345"E	49
51	23°42'46.386"N	83°59'16.176"E	50
52	23°42'47.667"N	83°59'20.291"E	51
53	23°42'42.794"N	83°59'22.744"E	52
54	23°42'39.676"N	83°59'26.249"E	53
55	23°42'36.577"N	83°59'31.172"E	54
56	23°42'36.469"N	83°59'36.513"E	55
57	23°42'31.973"N	83°59'31.639"E	56

58	23°42'28.426"N	83°59'32.805"E	57
59	23°42'20.319"N	83°59'28.818"E	58
60	23°42'13.637"N	83°59'29.298"E	59
61	23°42'9.253"N	83°59'35.01"E	60
62	23°42'5.493"N	83°59'36.793"E	61
63	23°41'59.6"N	83°59'35.653"E	62
64	23°41'53.721"N	83°59'34.35"E	63
65	23°41'51.783"N	83°59'41.502"E	64
66	23°41'52.065"N	83°59'44.074"E	65
67	23°41'49.431"N	83°59'48.341"E	66
68	23°41'45.602"N	83°59'49.376"E	67
69	23°41'42.955"N	83°59'46.023"E	68
70	23°41'40.979"N	83°59'43.951"E	69
71	23°41'40.82"N	83°59'47.355"E	70
72	23°41'42.867"N	83°59'51.601"E	71
73	23°41'47.212"N	83°59'54.852"E	72
74	23°41'50.775"N	83°59'55.915"E	73
75	23°41'48.527"N	83°59'58.833"E	74
76	23°41'42.852"N	83°59'58.83"E	75
77	23°41'42.852"N	83°59'58.83"E	76
78	23°41'43.934"N	84°0'6.974"E	77
79	23°41'43.668"N	84°0'10.928"E	78
80	23°41'42.401"N	84°0'17.953"E	79
81	23°41'42.979"N	84°0'23.927"E	80
82	23°41'46"N	84°0'26.976"E	81
83	23°41'42"N	84°0'31.167"E	82
84	23°41'38.957"N	84°0'32.951"E	83
85	23°41'35.312"N	84°0'36.951"E	84
86	23°41'40.769"N	23°41'35.312"N	85
87	23°41'39.967"N	84°0'47.019"E	86

88	23°41'44.465"N	84°0'48.215"E	87
89	23°41'39.706"N	84°0'50.703"E	88
90	23°41'34.022"N	84°0'52.715"E	89
91	23°41'32.095"N	84°0'55.686"E	90
92	23°41'34.934"N	84°1'0.7"E	91
93	23°41'34.334"N	84°1'4.618"E	92
94	23°41'35.623"N	84°1'9.976"E	93
95	23°41'33.594"N	84°1'12.976"E	94
96	23°41'32.356"N	84°1'17.001"E	95
97	23°41'32.001"N	84°1'19.952"E	96
98	23°41'27.023"N	84°1'22.238"E	97
99	23°41'22.045"N	84°1'25.953"E	98
100	23°41'21.599"N	84°1'30.47"E	99
101	23°41'25.92"N	84°1'28.828"E	100
102	23°41'29.846"N	84°1'29.929"E	101
103	23°41'31.977"N	84°1'33.048"E	102
104	23°41'30.231"N	84°1'37.829"E	103
105	23°41'30.866"N	84°1'42.961"E	104
106	23°41'35.007"N	84°1'45.973"E	105
107	23°41'35.979"N	84°1'52.151"E	106
108	23°41'39.789"N	84°2'0.19"E	107
109	23°41'43.401"N	84°2'7.929"E	108
110	23°41'43.62"N	84°2'16.309"E	109
111	23°41'43"N	84°2'22.976"E	110
112	23°41'40.044"N	84°2'30.001"E	111
113	23°41'38.046"N	84°2'34.815"E	112
114	23°41'34.662"N	84°2'37.552"E	113
115	23°41'35.213"N	84°2'43.034"E	114
116	23°41'31.935"N	84°2'46.633"E	115
117	23°41'26.841"N	84°3'3.612"E	116

118	23°41'19.927"N	84°3'24.056"E	117
119	23°41'19.927"N	84°3'24.056"E	118
120	23°41'3.999"N	84°3'34.23"E	119
121	23°41'1.001"N	84°3'32.452"E	120
122	23°40'56.317"N	84°3'32.274"E	121
123	23°40'54.697"N	84°3'25.724"E	122
124	23°40'45.934"N	84°3'28.95"E	123
125	23°40'40.813"N	84°3'28.094"E	124
126	23°40'37.761"N	84°3'31.082"E	125
127	23°40'33.677"N	84°3'28.324"E	126
128	23°40'33.505"N	84°3'23.998"E	127
129	23°40'31.671"N	84°3'22.259"E	128
130	23°40'28.286"N	84°3'22.69"E	129
131	23°40'24.823"N	84°3'21.872"E	130
132	23°40'19.5"N	84°3'24.976"E	131
133	23°40'23.735"N	84°3'26.894"E	132
134	23°40'27.134"N	84°3'25.843"E	133
135	23°40'28.295"N	84°3'31.703"E	134
136	23°40'28.456"N	84°3'33.999"E	135
137	23°40'33.369"N	84°3'35.701"E	136
138	23°40'39.978"N	84°3'34.475"E	137
139	23°40'46.586"N	84°3'36.508"E	138
140	23°40'51.199"N	84°3'37.823"E	139
141	23°40'56.979"N	84°3'38.251"E	140
142	23°41'2.175"N	84°3'37.895"E	141
143	23°41'7.166"N	84°3'39.834"E	142
144	23°41'13.647"N	84°3'37.626"E	143
145	23°41'19.657"N	84°3'35.709"E	144
146	23°41'23.791"N	84°3'31.998"E	145
147	23°41'29"N	84°3'28.273"E	146

148	23°41'30.773"N	84°3'20.726"E	147
149	23°41'33.978"N	84°3'15.975"E	148
150	23°41'35"N	84°3'10.167"E	149
151	23°41'39.523"N	84°3'2.952"E	150
152	23°41'40.272"N	84°2'57.001"E	151
153	23°41'42.271"N	84°2'48.339"E	152
154	23°41'45.044"N	84°2'42.025"E	153
155	23°41'47.256"N	84°2'36.742"E	154
156	23°41'49.444"N	84°2'32.425"E	155
157	23°41'52.023"N	84°2'25.952"E	156
158	23°41'52.241"N	84°2'19.33"E	157
159	23°41'54.222"N	84°2'15"E	158
160	23°41'55.583"N	84°2'9.993"E	159
161	23°41'52.356"N	84°2'2.643"E	160
162	23°41'49.178"N	84°1'58.175"E	161
163	23°41'49.178"N	84°1'58.175"E	162
164	23°41'49.395"N	84°1'43.951"E	163
165	23°41'50.773"N	84°1'32.976"E	164
166	23°41'55.888"N	84°1'23.915"E	165
167	23°42'0.461"N	84°1'21.476"E	166
168	23°42'3.557"N	84°1'19.136"E	167
169	23°42'6.695"N	84°1'19.434"E	168
170	23°42'9.024"N	84°1'16.428"E	169
171	23°42'15.522"N	84°1'18.124"E	170
172	23°42'20.6"N	84°1'12.6"E	171
173	23°42'24.289"N	84°1'10.308"E	172
174	23°42'25.795"N	84°1'2.727"E	173
175	23°42'27.523"N	84°0'57.952"E	174
176	23°42'22.977"N	84°0'56.048"E	175
177	23°42'29.048"N	84°0'53.789"E	176

178	23°42'31.602"N	84°0'48.593"E	177
179	23°42'34.261"N	84°0'39.049"E	178
180	23°42'37.147"N	84°0'28.144"E	179
181	23°42'38.479"N	84°0'18.427"E	180
182	23°42'43.177"N	84°0'17.643"E	181
183	23°42'45.414"N	84°0'15.095"E	182
184	23°42'40.123"N	84°0'10.879"E	183
185	23°42'42.957"N	83°59'58.951"E	184
186	23°42'43.584"N	83°59'44.442"E	185
187	23°42'47.343"N	83°59'33.251"E	186
188	23°42'53.067"N	83°59'35.977"E	187
189	23°42'58.39"N	83°59'43.206"E	188
190	23°43'4"N	83°59'36.357"E	189
191	23°43'14.627"N	83°59'26.534"E	190
192	23°43'20.497"N	83°59'18.048"E	191
193	23°43'23.338"N	83°59'11.292"E	192
194	23°43'26.067"N	83°59'11.727"E	193
195	23°41'37.749"N	84°1'24.073"E	194
196	23°41'36.311"N	84°1'30.377"E	195
197	23°41'35.317"N	84°1'35.451"E	196
198	23°41'33.791"N	84°1'33.036"E	197
199	23°41'32.989"N	84°1'29.224"E	198
200	23°41'29.296"N	84°1'26.909"E	199
201	23°41'29.024"N	84°1'24.687"E	200
202	23°41'32"N	84°1'24.063"E	201
203	23°42'48.86"N	83°58'14.302"E	202
204	23°42'48.674"N	83°58'8.926"E	203
205	23°42'51.629"N	83°58'6.331"E	204
206	23°42'52.418"N	83°58'6.938"E	205
207	23°42'52.39"N	83°58'11.069"E	206

208	23°42'51.209"N	83°58'12.633"E	207
209	23°42'50.108"N	83°58'14.299"E	208
210	23°42'38.083"N	83°58'4.893"E	209
211	23°42'38.206"N	83°58'2.975"E	210
212	23°42'39.001"N	83°58'0.678"E	211
213	23°42'40.001"N	83°58'1.952"E	212
214	23°42'40.794"N	83°58'4.001"E	213
215	23°42'40.993"N	83°58'5.055"E	214
216	23°42'35.022"N	83°57'58.025"E	215
217	23°42'34.735"N	83°58'0.929"E	216
218	23°42'33.956"N	83°58'3.781"E	217
219	23°42'29.265"N	83°58'1.927"E	218
220	23°42'27.367"N	83°58'0.997"E	219
221	23°42'30.067"N	83°58'1.002"E	220
222	23°42'31.445"N	83°58'1.42"E	221
223	23°42'32.778"N	83°57'58.999"E	222
224	23°42'23.001"N	83°57'58.628"E	223
225	23°42'25.046"N	83°57'58.129"E	224
226	23°42'25.823"N	83°57'58.952"E	225
227	23°42'25.909"N	83°58'0.323"E	226
228	23°42'21.764"N	83°57'59.682"E	227
229	23°42'20.01"N	83°57'59.494"E	228
230	23°42'18.145"N	83°58'5.96"E	229
231	23°42'26.718"N	83°58'6.504"E	230
232	23°42'26.505"N	83°58'10.291"E	231
233	23°42'13.685"N	83°58'17.414"E	232
234	23°42'7.191"N	83°57'58.384"E	233
235	23°42'1.198"N	83°57'57.465"E	234
236	23°42'4.049"N	83°58'8.567"E	235
237	23°42'1.155"N	83°58'12.093"E	236

238	23°42'3.075"N	83°58'17.704"E	237
239	23°41'59.951"N	83°58'22.502"E	238
240	23°41'57.332"N	83°58'21.214"E	239
241	23°41'51.977"N	83°58'17.024"E	240
242	23°41'51.933"N	83°58'14.998"E	241
243	23°41'52.275"N	83°58'10.4"E	242
244	23°41'49.046"N	83°58'12.929"E	243
245	23°41'46.461"N	83°58'15.587"E	244
246	23°41'44.943"N	83°58'19.656"E	245
247	23°41'42.126"N	83°58'22.009"E	246
248	23°41'40.001"N	83°58'20.928"E	247
249	23°41'32.934"N	83°58'23.575"E	248
250	23°41'29.977"N	83°58'24.309"E	249
251	23°41'27.912"N	83°58'21.919"E	250
252	23°41'23.999"N	83°58'20.382"E	251
253	23°41'16.811"N	83°58'20.166"E	252
254	23°41'12.021"N	83°58'15.739"E	253
255	23°41'8.001"N	83°58'14.952"E	254
256	23°41'3.023"N	83°58'16.476"E	255
257	23°40'54.043"N	83°58'16.799"E	256
258	23°40'48.801"N	83°58'21.761"E	257
259	23°40'43.924"N	83°58'26.229"E	258
260	23°40'35.627"N	83°58'26.466"E	259
261	23°40'38.243"N	83°58'19.259"E	260
262	23°40'43.191"N	83°58'17.21"E	261
263	23°40'48.327"N	83°58'10.727"E	262
264	23°40'45.352"N	83°58'0.764"E	263
265	23°40'44.741"N	83°57'53.88"E	264
266	23°40'48.703"N	83°57'55.392"E	265
267	23°40'53.501"N	83°58'5.288"E	266

268	23°41'3.038"N	83°58'6.893"E	267
269	23°41'8.237"N	83°58'3.101"E	268
270	23°41'14.378"N	83°58'4.668"E	269
271	23°41'18.448"N	83°58'3.259"E	270
272	23°41'18.249"N	83°57'56.352"E	271
273	23°41'20.313"N	83°57'53.594"E	272
274	23°41'25.978"N	83°57'54.333"E	273
275	23°41'33.375"N	83°57'51.399"E	274
276	23°41'39.977"N	83°57'49.714"E	275
277	23°41'43.531"N	83°57'47.457"E	276
278	23°41'45.655"N	83°57'42.655"E	277
279	23°41'42.881"N	83°57'37.928"E	278
280	23°41'42.248"N	83°57'34.002"E	279
281	23°41'45.979"N	83°57'30.927"E	280
282	23°41'49.001"N	83°57'30.38"E	281
283	23°41'52.044"N	83°57'25.501"E	282
284	23°41'55.045"N	83°57'20.477"E	283
285	23°41'57.227"N	83°57'25.048"E	284
286	23°41'54.979"N	83°57'32.927"E	285
287	23°41'54.622"N	83°57'36.023"E	286
288	23°41'54.733"N	83°57'44.845"E	287
289	23°41'59.858"N	83°57'42.407"E	288
290	23°42'3.046"N	83°57'38.929"E	289
291	23°42'4.956"N	83°57'36.332"E	290
292	23°42'8.442"N	83°57'36.602"E	291
293	23°42'7.123"N	83°57'41.076"E	292
294	23°42'6.045"N	83°57'45.977"E	293
295	23°42'8.956"N	83°57'44.308"E	294
296	23°42'13.542"N	83°57'48.52"E	295
297	23°42'17.999"N	83°57'51.406"E	296

298	23°42'16.435"N	83°57'56.435"E	297
299	23°41'52.781"N	83°57'48.948"E	298
300	23°41'58.175"N	83°57'49.559"E	299
301	23°42'0.632"N	83°57'54.46"E	300
302	23°41'58.067"N	83°57'58.349"E	301
303	23°41'54.985"N	83°58'7.243"E	302
304	23°41'49.663"N	83°58'3.805"E	303
305	23°41'48.516"N	83°57'58.788"E	304
306	23°41'49.303"N	83°57'53.295"E	305
307	23°41'50.506"N	83°57'47.162"E	306
308	23°41'46.442"N	83°57'55.167"E	307
309	23°41'47.507"N	83°58'2.775"E	308
310	23°41'43.783"N	83°58'9.144"E	309
311	23°41'43.866"N	83°57'57.231"E	310
312	23°41'43.875"N	83°57'49.499"E	311
313	23°41'46.454"N	83°57'46.006"E	312
314	23°41'45.221"N	83°58'11.255"E	313
315	23°41'43.636"N	83°58'13.067"E	314
316	23°41'42.373"N	83°58'17.185"E	315
317	23°41'39.513"N	83°58'15.696"E	316
318	23°41'41.892"N	83°58'11.336"E	317
319	23°41'56.511"N	83°58'13.422"E	318
320	23°41'59.618"N	83°58'14.991"E	319
321	23°42'0.271"N	83°58'16.546"E	320
322	23°41'57.818"N	83°58'16.886"E	321
323	23°41'56.078"N	83°58'16.149"E	322
324	23°41'54.022"N	83°58'20.4"E	323
325	23°41'56.072"N	83°58'22.676"E	324
326	23°42'1.655"N	83°58'28.403"E	325
327	23°42'7.562"N	83°58'34.412"E	326

328	23°42'1.242"N	83°58'38.25"E	327
329	23°41'55.052"N	83°58'38.215"E	328
330	23°41'47.95"N	83°58'34.213"E	329
331	23°41'43.419"N	83°58'35.806"E	330
332	23°41'39.637"N	83°58'37.563"E	331
333	23°41'31.594"N	83°58'37.356"E	332
334	23°41'30.267"N	83°58'33.998"E	333
335	23°41'34.001"N	83°58'28.752"E	334
336	23°41'37.356"N	83°58'27.186"E	335
337	23°41'43.011"N	83°58'31.382"E	336
338	23°41'49.102"N	83°58'30.445"E	337
339	23°41'52.486"N	83°58'30.203"E	338
340	23°41'53.256"N	83°58'28.216"E	339
341	23°41'50.955"N	83°58'24.023"E	340
342	23°41'19.979"N	83°58'42.951"E	341
343	23°41'20.619"N	83°58'45.381"E	342
344	23°41'15.773"N	83°58'45.842"E	343
345	23°41'6.229"N	83°58'45.548"E	344
346	23°41'6.955"N	83°58'44.023"E	345
347	23°41'9.022"N	83°58'43.167"E	346
348	23°41'13.024"N	83°58'43.746"E	347
349	23°41'16.987"N	83°58'42.873"E	348
350	23°41'18.023"N	83°58'47.482"E	349
351	23°41'20.921"N	83°58'48.106"E	350
352	23°41'21.03"N	83°58'49.021"E	351
353	23°41'18.705"N	83°58'49.977"E	352
354	23°41'18.088"N	83°58'49.026"E	353