

	Name	Mode3	Latitude	Longitude	F7	DecLatitude	DecLongitude
1	5:59:09 PM	PRIM	38:33:02.0	121:18:10.1	SUU	38.55056	-121.303
2	5:59:28 PM	PRIM	38:32:53.9	121:18:35.1	SUU	38.54833	-121.31
3	5:59:38 PM	PRIM	38:32:46.0	121:18:45.1	SUU	38.54611	-121.313
4	5:59:57 PM	PRIM	38:32:25.9	121:18:55.1	SUU	38.54055	-121.316
7	6:00:16 PM	PRIM	38:32:03.9	121:19:07.1	SUU	38.53444	-121.319
8	6:00:21 PM	PRIM	38:31:58.9	121:19:09.1	SUU	38.53305	-121.319
9	6:00:45 PM	PRIM	38:31:32.9	121:19:28.1	SUU	38.52583	-121.324
10	6:00:55 PM	PRIM	38:31:24.0	121:19:38.1	SUU	38.52333	-121.327
11	6:01:05 PM	PRIM	38:31:14.9	121:19:51.1	SUU	38.52083	-121.331
12	6:01:19 PM	PRIM	38:31:04.9	121:20:05.1	SUU	38.51805	-121.335
13	6:01:29 PM	PRIM	38:30:55.0	121:20:12.1	SUU	38.51528	-121.337
14	6:01:34 PM	PRIM	38:30:44.0	121:20:15.1	SUU	38.51222	-121.338
16	6:01:43 PM	PRIM	38:30:34.0	121:20:22.1	SUU	38.50944	-121.339
18	6:02:22 PM	PRIM	38:29:52.9	121:20:56.1	SUU	38.49805	-121.349
19	6:02:46 PM	PRIM	38:29:22.0	121:21:18.1	SUU	38.48944	-121.355
20	6:03:01 PM	PRIM	38:29:02.0	121:21:26.1	SUU	38.48389	-121.357
22	6:03:29 PM	PRIM	38:28:18.0	121:21:58.1	SUU	38.47167	-121.366
23	6:03:49 PM	PRIM	38:28:00.0	121:22:22.1	SUU	38.46667	-121.373
24	6:03:54 PM	PRIM	38:27:56.9	121:22:30.1	SUU	38.46583	-121.375
26	6:04:03 PM	PRIM	38:27:51.9	121:22:44.1	SUU	38.46444	-121.379
27	6:04:08 PM	PRIM	38:27:46.9	121:22:49.1	SUU	38.46305	-121.38
28	6:04:13 PM	PRIM	38:27:40.0	121:22:52.1	SUU	38.46111	-121.381
29	6:04:32 PM	PRIM	38:27:23.0	121:23:14.1	SUU	38.45639	-121.387
30	6:04:37 PM	PRIM	38:27:18.0	121:23:18.1	SUU	38.455	-121.389
33	6:04:52 PM	PRIM	38:27:01.0	121:23:35.1	SUU	38.45028	-121.393
35	6:05:01 PM	PRIM	38:26:43.0	121:23:45.1	SUU	38.44528	-121.396
38	6:05:16 PM	PRIM	38:26:35.9	121:24:05.1	SUU	38.44333	-121.401
39	6:05:21 PM	PRIM	38:26:29.9	121:24:12.1	SUU	38.44166	-121.403
40	6:05:25 PM	PRIM	38:26:23.0	121:24:17.1	SUU	38.43972	-121.405
41	6:05:30 PM	PRIM	38:26:16.0	121:24:22.1	SUU	38.43778	-121.406
42	6:05:35 PM	PRIM	38:26:06.9	121:24:24.1	SUU	38.43528	-121.407
44	6:05:45 PM	PRIM	38:25:55.9	121:24:39.1	SUU	38.43222	-121.411
45	6:05:50 PM	PRIM	38:25:48.0	121:24:46.1	SUU	38.43	-121.413
46	6:05:59 PM	PRIM	38:25:46.9	121:25:03.1	SUU	38.42972	-121.418
48	6:06:09 PM	PRIM	38:25:39.9	121:25:16.1	SUU	38.42778	-121.421
49	6:06:14 PM	PRIM	38:25:32.0	121:25:23.1	SUU	38.42556	-121.423
50	6:06:33 PM	PRIM	38:25:11.9	121:25:45.1	SUU	38.42	-121.429
52	6:06:43 PM	PRIM	38:24:59.0	121:25:53.1	SUU	38.41639	-121.432
53	6:06:47 PM	PRIM	38:24:55.0	121:26:00.1	SUU	38.41528	-121.433
54	6:07:02 PM	PRIM	38:24:34.9	121:26:15.1	SUU	38.40972	-121.438
55	6:07:07 PM	PRIM	38:24:27.0	121:26:15.1	SUU	38.4075	-121.438
57	6:07:16 PM	PRIM	38:24:17.9	121:26:29.1	SUU	38.405	-121.442
59	6:07:26 PM	PRIM	38:24:11.0	121:26:41.1	SUU	38.40306	-121.445

60	6:07:31 PM PRIM	38:23:59.0 121:26:42.1 SUU	38.39972	-121.445
61	6:07:36 PM PRIM	38:23:50.9 121:26:44.1 SUU	38.3975	-121.446
63	6:07:45 PM PRIM	38:23:42.0 121:26:58.1 SUU	38.395	-121.449
65	6:07:55 PM PRIM	38:23:33.0 121:27:11.1 SUU	38.3925	-121.453
67	6:08:05 PM PRIM	38:23:25.0 121:27:23.1 SUU	38.39028	-121.456
68	6:08:10 PM PRIM	38:23:18.9 121:27:28.1 SUU	38.38861	-121.458
69	6:08:14 PM PRIM	38:23:16.9 121:27:37.1 SUU	38.38805	-121.46
70	6:08:24 PM PRIM	38:23:01.9 121:27:47.1 SUU	38.38389	-121.463
71	6:08:43 PM PRIM	38:22:39.9 121:28:10.1 SUU	38.37778	-121.47
73	6:09:12 PM PRIM	38:22:15.0 121:28:46.1 SUU	38.37083	-121.48
74	6:09:27 PM PRIM	38:21:59.0 121:29:06.1 SUU	38.36639	-121.485
76	6:09:36 PM PRIM	38:21:54.9 121:29:18.1 SUU	38.36528	-121.489
78	6:09:46 PM PRIM	38:21:48.0 121:29:30.1 SUU	38.36333	-121.492
79	6:09:51 PM PRIM	38:21:39.9 121:29:37.1 SUU	38.36111	-121.494
81	6:10:05 PM PRIM	38:21:30.0 121:30:00.1 SUU	38.35833	-121.5
83	6:10:15 PM PRIM	38:21:19.0 121:30:12.1 SUU	38.35528	-121.503
85	6:10:25 PM PRIM	38:21:14.0 121:30:32.1 SUU	38.35389	-121.509
86	6:10:34 PM PRIM	38:21:05.9 121:30:44.1 SUU	38.35166	-121.512
89	6:10:49 PM PRIM	38:20:50.9 121:31:03.1 SUU	38.3475	-121.518
90	6:10:54 PM PRIM	38:20:47.0 121:31:11.1 SUU	38.34639	-121.52
91	6:10:59 PM PRIM	38:20:46.0 121:31:18.1 SUU	38.34611	-121.522
92	6:11:04 PM PRIM	38:20:38.9 121:31:23.1 SUU	38.34416	-121.523
94	6:11:13 PM PRIM	38:20:30.0 121:31:37.1 SUU	38.34167	-121.527
96	6:11:23 PM PRIM	38:20:22.9 121:31:50.1 SUU	38.33972	-121.531
98	6:11:37 PM PRIM	38:20:10.9 121:32:12.1 SUU	38.33639	-121.537
99	6:11:56 PM PRIM	38:19:59.9 121:32:46.1 SUU	38.33333	-121.546
102	6:12:16 PM PRIM	38:19:44.9 121:33:18.1 SUU	38.32916	-121.555
103	6:12:30 PM PRIM	38:19:32.9 121:33:42.1 SUU	38.32583	-121.562
105	6:12:40 PM PRIM	38:19:29.0 121:33:59.1 SUU	38.32472	-121.566
107	6:12:50 PM PRIM	38:19:20.9 121:34:14.1 SUU	38.3225	-121.571
109	6:13:04 PM PRIM	38:19:14.0 121:34:41.1 SUU	38.32056	-121.578
111	6:13:23 PM PRIM	38:18:57.0 121:35:12.1 SUU	38.31583	-121.587
112	6:13:28 PM PRIM	38:18:51.0 121:35:18.1 SUU	38.31417	-121.589
114	6:13:38 PM PRIM	38:18:47.9 121:35:37.1 SUU	38.31333	-121.594
115	6:13:43 PM PRIM	38:18:43.9 121:35:45.1 SUU	38.31222	-121.596
116	6:13:48 PM PRIM	38:18:43.9 121:35:56.1 SUU	38.31222	-121.599
117	6:13:52 PM PRIM	38:18:40.0 121:36:01.1 SUU	38.31111	-121.601
118	6:14:02 PM PRIM	38:18:37.9 121:36:21.1 SUU	38.31055	-121.606
120	6:14:12 PM PRIM	38:18:35.0 121:36:36.1 SUU	38.30972	-121.61
121	6:14:16 PM PRIM	38:18:36.0 121:36:46.1 SUU	38.31	-121.613
122	6:14:21 PM PRIM	38:18:33.9 121:36:55.1 SUU	38.30944	-121.616
123	6:14:26 PM PRIM	38:18:32.9 121:37:05.1 SUU	38.30916	-121.618
124	6:14:36 PM PRIM	38:18:29.0 121:37:24.1 SUU	38.30806	-121.623
125	6:14:41 PM PRIM	38:18:27.9 121:37:29.1 SUU	38.30778	-121.625

126	6:14:45 PM PRIM	38:18:25.0 121:37:37.!	SUU	38.30694	-121.627
127	6:14:50 PM PRIM	38:18:20.9 121:37:46.!	SUU	38.30583	-121.629
128	6:14:55 PM PRIM	38:18:19.0 121:37:56.!	SUU	38.30528	-121.632
129	6:15:00 PM PRIM	38:18:19.0 121:38:04.!	SUU	38.30528	-121.635
130	6:15:05 PM PRIM	38:18:15.9 121:38:13.!	SUU	38.30444	-121.637
131	6:15:10 PM PRIM	38:18:11.9 121:38:19.!	SUU	38.30333	-121.639
132	6:15:14 PM PRIM	38:18:13.0 121:38:33.!	SUU	38.30361	-121.643
134	6:15:24 PM PRIM	38:18:08.0 121:38:45.!	SUU	38.30222	-121.646
135	6:15:29 PM PRIM	38:18:10.9 121:38:58.!	SUU	38.30305	-121.65
137	6:15:38 PM PRIM	38:18:14.9 121:39:10.!	SUU	38.30416	-121.653
138	6:15:43 PM PRIM	38:18:15.9 121:39:10.!	SUU	38.30444	-121.653
139	6:15:48 PM PRIM	38:18:22.9 121:39:07.!	SUU	38.30639	-121.652
140	6:15:58 PM PRIM	38:18:26.9 121:39:07.!	SUU	38.3075	-121.652
141	6:16:03 PM PRIM	38:18:19.0 121:39:10.!	SUU	38.30528	-121.653
142	6:16:07 PM PRIM	38:18:10.9 121:39:12.!	SUU	38.30305	-121.653
143	6:16:12 PM PRIM	38:18:02.0 121:39:15.!	SUU	38.30056	-121.654
145	6:16:32 PM PRIM	38:17:59.9 121:39:15.!	SUU	38.3	-121.654
148	6:16:46 PM PRIM	38:17:52.0 121:39:22.!	SUU	38.29778	-121.656
149	6:16:56 PM PRIM	38:17:41.0 121:39:32.!	SUU	38.29472	-121.659
150	6:17:01 PM PRIM	38:17:30.9 121:39:30.!	SUU	38.29194	-121.659
151	6:17:05 PM PRIM	38:17:27.9 121:39:34.!	SUU	38.29111	-121.659
152	6:17:34 PM PRIM	38:16:53.9 121:39:39.!	SUU	38.28166	-121.661
154	6:17:44 PM PRIM	38:16:48.9 121:39:37.!	SUU	38.28028	-121.66
155	6:17:54 PM PRIM	38:16:30.9 121:39:37.!	SUU	38.27528	-121.66
156	6:18:08 PM PRIM	38:16:25.0 121:39:54.!	SUU	38.27361	-121.665
157	6:18:28 PM PRIM	38:16:06.0 121:40:06.!	SUU	38.26833	-121.669
158	6:18:32 PM PRIM	38:15:58.9 121:40:11.!	SUU	38.26639	-121.67
159	6:18:52 PM PRIM	38:15:39.0 121:40:14.!	SUU	38.26083	-121.671
160	6:18:57 PM PRIM	38:15:33.0 121:40:16.!	SUU	38.25917	-121.671
161	6:19:01 PM PRIM	38:15:26.9 121:40:18.!	SUU	38.2575	-121.672
163	6:19:16 PM PRIM	38:15:11.0 121:40:18.!	SUU	38.25306	-121.672
164	6:19:35 PM PRIM	38:14:51.0 121:40:11.!	SUU	38.2475	-121.67
165	6:19:59 PM PRIM	38:14:25.9 121:40:04.!	SUU	38.24055	-121.668
166	6:20:09 PM PRIM	38:14:18.0 121:40:06.!	SUU	38.23833	-121.668
167	6:20:19 PM PRIM	38:14:07.0 121:40:06.!	SUU	38.23528	-121.669
168	6:20:24 PM PRIM	38:14:02.9 121:40:06.!	SUU	38.23416	-121.668
169	6:20:28 PM PRIM	38:14:01.0 121:40:06.!	SUU	38.23361	-121.669
170	6:20:38 PM PRIM	38:13:49.0 121:40:13.!	SUU	38.23028	-121.67
171	6:20:43 PM PRIM	38:13:45.0 121:40:16.!	SUU	38.22917	-121.671
172	6:20:48 PM PRIM	38:13:38.0 121:40:23.!	SUU	38.22722	-121.673
173	6:20:53 PM PRIM	38:13:34.9 121:40:25.!	SUU	38.22639	-121.674
174	6:20:57 PM PRIM	38:13:30.9 121:40:28.!	SUU	38.22528	-121.674
175	6:21:07 PM PRIM	38:13:27.0 121:40:33.!	SUU	38.22417	-121.676
176	6:21:12 PM PRIM	38:13:23.0 121:40:38.!	SUU	38.22306	-121.677

177	6:21:17 PM PRIM	38:13:18.0\121:40:42.\SUU	38.22167	-121.678
178	6:21:21 PM PRIM	38:13:14.9\121:40:48.\SUU	38.22083	-121.68
179	6:21:31 PM PRIM	38:13:12.0\121:40:57.\SUU	38.22	-121.683
180	6:21:36 PM PRIM	38:13:11.0\121:41:00.\SUU	38.21972	-121.684
181	6:21:46 PM PRIM	38:13:07.9\121:41:04.\SUU	38.21889	-121.684
182	6:22:29 PM PRIM	38:12:29.0\121:41:32.\SUU	38.20806	-121.692
183	6:22:34 PM PRIM	38:12:25.9\121:41:36.\SUU	38.20722	-121.693
184	6:22:39 PM PRIM	38:12:18.9\121:41:39.\SUU	38.20528	-121.694
185	6:22:44 PM PRIM	38:12:16.0\121:41:41.\SUU	38.20444	-121.695
186	6:22:53 PM PRIM	38:12:06.0\121:41:47.\SUU	38.20167	-121.697
188	6:23:17 PM PRIM	38:11:43.0\121:41:53.\SUU	38.19528	-121.698
189	6:23:22 PM PRIM	38:11:37.0\121:41:54.\SUU	38.19361	-121.698
191	6:23:32 PM PRIM	38:11:29.9\121:41:49.\SUU	38.19166	-121.697
192	6:23:37 PM PRIM	38:11:23.9\121:41:46.\SUU	38.19	-121.696
194	6:23:46 PM PRIM	38:11:17.0\121:41:34.\SUU	38.18806	-121.693
196	6:23:56 PM PRIM	38:11:19.9\121:41:20.\SUU	38.18889	-121.689
197	6:24:01 PM PRIM	38:11:23.0\121:41:14.\SUU	38.18972	-121.687
198	6:24:06 PM PRIM	38:11:28.9\121:41:12.\SUU	38.19139	-121.687
199	6:24:11 PM PRIM	38:11:32.0\121:41:09.\SUU	38.19222	-121.686
200	6:24:15 PM PRIM	38:11:39.0\121:41:10.\SUU	38.19417	-121.686
201	6:24:20 PM PRIM	38:11:34.9\121:41:12.\SUU	38.19305	-121.687