

Tracking Device	System Rec System	Origin	Exercise	Established	Smoothed	Smoothed	Latitude	Longitude
7 Jun 10 2019	17:58.8	Operation	'1200'	250.348	225.398	380028N	1220244W	
7 Jun 10 2019	18:10.5	Operation	'1200'	250.438	225.582	380039N	1220237W	
7 Jun 10 2019	18:22.4	Operation	'1200'	250.629	225.789	380051N	1220223W	
7 Jun 10 2019	18:34.3	Operation	'1200'	250.754	225.98	380103N	1220213W	
7 Jun 10 2019	18:34.8	Operation	'1200'	250.832	225.984	380103N	1220207W	
7 Jun 10 2019	18:39.4	Operation	'1200'	250.891	226.059	380107N	1220203W	
7 Jun 10 2019	18:44.2	Operation	'1200'	250.949	226.137	380112N	1220158W	
7 Jun 10 2019	18:49.0	Operation	'1200'	251.008	226.215	380117N	1220154W	
7 Jun 10 2019	18:53.8	Operation	'1200'	251.07	226.289	380121N	1220149W	
7 Jun 10 2019	18:58.3	Operation	'1200'	N/A	N/A	N/A	N/A	
7 Jun 10 2019	18:58.6	Operation	'1200'	251.133	226.367	380126N	1220144W	
7 Jun 10 2019	19:03.4	Operation	'1200'	251.188	226.445	380131N	1220140W	
7 Jun 10 2019	19:08.4	Operation	'1200'	251.242	226.543	380137N	1220136W	
7 Jun 10 2019	19:13.2	Operation	'1200'	251.293	226.633	380142N	1220132W	
7 Jun 10 2019	19:18.0	Operation	'1200'	251.344	226.719	380147N	1220128W	
7 Jun 10 2019	19:22.3	Operation	'1200'	251.387	226.793	380152N	1220125W	
7 Jun 10 2019	19:22.8	Operation	'1200'	251.387	226.805	380152N	1220125W	
7 Jun 10 2019	19:27.0	Operation	'1200'	251.434	226.879	380157N	1220122W	
7 Jun 10 2019	19:27.6	Operation	'1200'	251.438	226.891	380157N	1220121W	
7 Jun 10 2019	19:31.6	Operation	'1200'	251.484	226.961	380202N	1220118W	
7 Jun 10 2019	19:32.4	Operation	'1200'	251.488	226.977	380203N	1220117W	
7 Jun 10 2019	19:32.7	Operation	'1200'	251.496	226.977	380203N	1220117W	
7 Jun 10 2019	19:36.3	Operation	'1200'	251.539	227.043	380207N	1220114W	
7 Jun 10 2019	19:37.2	Operation	'1200'	251.547	227.066	380208N	1220113W	
7 Jun 10 2019	19:40.9	Operation	'1200'	251.586	227.129	380212N	1220110W	
7 Jun 10 2019	19:42.0	Operation	'1200'	251.598	227.156	380213N	1220109W	
7 Jun 10 2019	19:45.6	Operation	'1200'	251.633	227.219	380217N	1220106W	
7 Jun 10 2019	19:46.9	Operation	'1200'	251.648	227.246	380219N	1220105W	
7 Jun 10 2019	19:50.1	Operation	'1200'	251.684	227.301	380222N	1220103W	
7 Jun 10 2019	19:51.7	Operation	'1200'	251.699	227.332	380224N	1220101W	
7 Jun 10 2019	19:54.7	Operation	'1200'	251.734	227.387	380227N	1220059W	
7 Jun 10 2019	19:56.5	Operation	'1200'	251.758	227.418	380229N	1220057W	
7 Jun 10 2019	19:59.4	Operation	'1200'	251.785	227.469	380232N	1220055W	
7 Jun 10 2019	20:03.9	Operation	'1200'	251.84	227.559	380238N	1220051W	
7 Jun 10 2019	20:06.1	Operation	'1200'	251.867	227.602	380240N	1220049W	
7 Jun 10 2019	20:08.5	Operation	'1200'	251.895	227.645	380243N	1220047W	
7 Jun 10 2019	20:11.1	Operation	'1200'	251.922	227.688	380245N	1220045W	
7 Jun 10 2019	20:13.2	Operation	'1200'	251.945	227.727	380248N	1220043W	
7 Jun 10 2019	20:15.9	Operation	'1200'	251.977	227.781	380251N	1220040W	
7 Jun 10 2019	20:17.7	Operation	'1200'	251.996	227.816	380253N	1220039W	
7 Jun 10 2019	20:20.7	Operation	'1200'	252.031	227.871	380256N	1220036W	
7 Jun 10 2019	20:22.3	Operation	'1200'	N/A	N/A	N/A	N/A	
7 Jun 10 2019	20:22.3	Operation	'1200'	252.055	227.902	380258N	1220034W	
7 Jun 10 2019	20:25.5	Operation	'1200'	252.09	227.957	380302N	1220032W	
7 Jun 10 2019	20:27.0	Operation	'1200'	252.109	227.984	380303N	1220030W	
7 Jun 10 2019	20:30.3	Operation	'1200'	252.156	228.039	380307N	1220027W	

7 Jun 10 2019	20:31.5	Operationa '1200'	252.168	228.062	380308N	1220026W
7 Jun 10 2019	20:35.1	Operationa '1200'	252.219	228.121	380311N	1220022W
7 Jun 10 2019	20:35.2	Operationa '1200'	252.242	228.117	380311N	1220020W
7 Jun 10 2019	20:36.1	Operationa '1200'	252.25	228.129	380312N	1220020W
7 Jun 10 2019	20:40.0	Operationa '1200'	252.309	228.176	380315N	1220015W
7 Jun 10 2019	20:40.8	Operationa '1200'	252.32	228.191	380316N	1220014W
7 Jun 10 2019	20:44.8	Operationa '1200'	252.422	228.188	380315N	1220007W
7 Jun 10 2019	20:45.4	Operationa '1200'	252.422	228.199	380316N	1220007W
7 Jun 10 2019	20:49.6	Operationa '1200'	252.547	228.176	380315N	1215957W
7 Jun 10 2019	20:50.1	Operationa '1200'	252.559	228.203	380316N	1215956W
7 Jun 10 2019	20:54.4	Operationa '1200'	252.652	228.242	380319N	1215949W
7 Jun 10 2019	20:54.4	Operationa '1200'	252.66	228.242	380319N	1215949W
7 Jun 10 2019	20:59.1	Operationa '1200'	252.75	228.25	380319N	1215942W
7 Jun 10 2019	21:03.9	Operationa '1200'	252.863	228.277	380321N	1215933W
7 Jun 10 2019	21:08.5	Operationa '1200'	252.98	228.293	380322N	1215924W
7 Jun 10 2019	21:08.8	Operationa '1200'	252.977	228.289	380322N	1215924W
7 Jun 10 2019	21:13.0	Operationa '1200'	253.066	228.316	380323N	1215918W
7 Jun 10 2019	21:13.6	Operationa '1200'	253.078	228.32	380323N	1215917W
7 Jun 10 2019	21:17.7	Operationa '1200'	253.156	228.34	380325N	1215911W
7 Jun 10 2019	21:18.4	Operationa '1200'	253.176	228.336	380324N	1215909W
7 Jun 10 2019	21:22.3	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	21:22.3	Operationa '1200'	253.258	228.352	380325N	1215903W
7 Jun 10 2019	21:23.2	Operationa '1200'	253.281	228.348	380325N	1215901W
7 Jun 10 2019	21:27.0	Operationa '1200'	253.363	228.359	380326N	1215855W
7 Jun 10 2019	21:28.2	Operationa '1200'	253.387	228.367	380326N	1215853W
7 Jun 10 2019	21:31.5	Operationa '1200'	253.457	228.379	380327N	1215848W
7 Jun 10 2019	21:33.0	Operationa '1200'	253.488	228.383	380327N	1215846W
7 Jun 10 2019	21:36.3	Operationa '1200'	253.555	228.398	380328N	1215841W
7 Jun 10 2019	21:37.6	Operationa '1200'	253.586	228.402	380328N	1215838W
7 Jun 10 2019	21:40.8	Operationa '1200'	253.652	228.414	380329N	1215833W
7 Jun 10 2019	21:42.6	Operationa '1200'	253.688	228.426	380330N	1215830W
7 Jun 10 2019	21:42.7	Operationa '1200'	253.691	228.426	380330N	1215830W
7 Jun 10 2019	21:45.4	Operationa '1200'	253.742	228.438	380331N	1215826W
7 Jun 10 2019	21:47.4	Operationa '1200'	253.781	228.445	380331N	1215823W
7 Jun 10 2019	21:47.7	Operationa '1200'	253.785	228.445	380331N	1215823W
7 Jun 10 2019	21:49.9	Operationa '1200'	253.84	228.461	380332N	1215819W
7 Jun 10 2019	21:52.2	Operationa '1200'	253.883	228.477	380333N	1215816W
7 Jun 10 2019	21:52.3	Operationa '1200'	253.883	228.477	380333N	1215816W
7 Jun 10 2019	21:57.0	Operationa '1200'	253.977	228.508	380335N	1215809W
7 Jun 10 2019	21:59.2	Operationa '1200'	254.027	228.527	380336N	1215805W
7 Jun 10 2019	22:01.8	Operationa '1200'	254.078	228.551	380337N	1215801W
7 Jun 10 2019	22:03.9	Operationa '1200'	254.121	228.566	380338N	1215758W
7 Jun 10 2019	22:06.6	Operationa '1200'	254.18	228.594	380340N	1215753W
7 Jun 10 2019	22:07.0	Operationa '1200'	254.184	228.598	380340N	1215753W
7 Jun 10 2019	22:08.5	Operationa '1200'	254.215	228.613	380341N	1215750W
7 Jun 10 2019	22:11.5	Operationa '1200'	254.281	228.633	380342N	1215745W
7 Jun 10 2019	22:13.0	Operationa '1200'	254.312	228.645	380343N	1215743W

7 Jun 10 2019	22:16.3	Operationa '1200'	254.383	228.664	380344N	1215738W
7 Jun 10 2019	22:16.6	Operationa '1200'	254.391	228.664	380344N	1215737W
7 Jun 10 2019	22:17.7	Operationa '1200'	254.414	228.676	380345N	1215735W
7 Jun 10 2019	22:21.1	Operationa '1200'	254.492	228.703	380346N	1215729W
7 Jun 10 2019	22:21.4	Operationa '1200'	254.504	228.699	380346N	1215728W
7 Jun 10 2019	22:22.3	Operationa '1200'	254.52	228.707	380347N	1215727W
7 Jun 10 2019	22:25.9	Operationa '1200'	254.602	228.73	380348N	1215721W
7 Jun 10 2019	22:26.2	Operationa '1200'	254.613	228.73	380348N	1215720W
7 Jun 10 2019	22:27.0	Operationa '1200'	254.625	228.734	380348N	1215719W
7 Jun 10 2019	22:30.7	Operationa '1200'	254.711	228.746	380349N	1215713W
7 Jun 10 2019	22:31.5	Operationa '1200'	254.727	228.75	380349N	1215712W
7 Jun 10 2019	22:35.5	Operationa '1200'	254.816	228.762	380350N	1215705W
7 Jun 10 2019	22:35.8	Operationa '1200'	254.832	228.762	380350N	1215704W
7 Jun 10 2019	22:36.1	Operationa '1200'	254.836	228.758	380350N	1215703W
7 Jun 10 2019	22:40.5	Operationa '1200'	254.934	228.758	380350N	1215656W
7 Jun 10 2019	22:40.8	Operationa '1200'	254.938	228.758	380350N	1215656W
7 Jun 10 2019	22:45.3	Operationa '1200'	255.035	228.734	380348N	1215648W
7 Jun 10 2019	22:45.4	Operationa '1200'	255.055	228.727	380348N	1215647W
7 Jun 10 2019	22:49.9	Operationa '1200'	255.152	228.742	380349N	1215639W
7 Jun 10 2019	22:50.2	Operationa '1200'	255.164	228.742	380349N	1215638W
7 Jun 10 2019	22:54.6	Operationa '1200'	255.258	228.742	380349N	1215631W
7 Jun 10 2019	22:54.9	Operationa '1200'	255.262	228.73	380348N	1215631W
7 Jun 10 2019	22:55.2	Operationa '1200'	255.273	228.73	380348N	1215630W
7 Jun 10 2019	22:59.2	Operationa '1200'	255.367	228.73	380348N	1215623W
7 Jun 10 2019	22:59.7	Operationa '1200'	255.375	228.723	380348N	1215622W
7 Jun 10 2019	23:03.9	Operationa '1200'	255.469	228.723	380348N	1215615W
7 Jun 10 2019	23:04.5	Operationa '1200'	255.484	228.727	380348N	1215614W
7 Jun 10 2019	23:04.6	Operationa '1200'	255.492	228.723	380348N	1215613W
7 Jun 10 2019	23:08.4	Operationa '1200'	255.578	228.73	380348N	1215607W
7 Jun 10 2019	23:09.3	Operationa '1200'	255.598	228.73	380348N	1215605W
7 Jun 10 2019	23:09.6	Operationa '1200'	255.605	228.727	380348N	1215605W
7 Jun 10 2019	23:13.0	Operationa '1200'	255.688	228.73	380348N	1215559W
7 Jun 10 2019	23:14.1	Operationa '1200'	255.711	228.73	380348N	1215557W
7 Jun 10 2019	23:14.4	Operationa '1200'	255.715	228.73	380348N	1215556W
7 Jun 10 2019	23:17.7	Operationa '1200'	255.793	228.738	380349N	1215551W
7 Jun 10 2019	23:18.9	Operationa '1200'	255.82	228.742	380349N	1215548W
7 Jun 10 2019	23:19.2	Operationa '1200'	255.828	228.746	380349N	1215548W
7 Jun 10 2019	23:22.3	Operationa '1200'	255.898	228.75	380349N	1215543W
7 Jun 10 2019	23:23.7	Operationa '1200'	255.93	228.754	380350N	1215540W
7 Jun 10 2019	23:24.1	Operationa '1200'	255.941	228.75	380349N	1215539W
7 Jun 10 2019	23:26.8	Operationa '1200'	256.004	228.758	380350N	1215535W
7 Jun 10 2019	23:28.5	Operationa '1200'	256.043	228.758	380350N	1215532W
7 Jun 10 2019	23:28.9	Operationa '1200'	256.051	228.758	380350N	1215531W
7 Jun 10 2019	23:31.5	Operationa '1200'	256.113	228.762	380350N	1215526W
7 Jun 10 2019	23:33.3	Operationa '1200'	256.156	228.773	380351N	1215523W
7 Jun 10 2019	23:33.7	Operationa '1200'	256.164	228.773	380351N	1215522W
7 Jun 10 2019	23:36.1	Operationa '1200'	256.219	228.777	380351N	1215518W

7 Jun 10 2019	23:38.2	Operationa '1200'	256.27	228.781	380351N	1215514W
7 Jun 10 2019	23:38.5	Operationa '1200'	256.277	228.781	380351N	1215514W
7 Jun 10 2019	23:40.8	Operationa '1200'	256.328	228.785	380351N	1215510W
7 Jun 10 2019	23:43.0	Operationa '1200'	256.379	228.789	380352N	1215506W
7 Jun 10 2019	23:43.3	Operationa '1200'	256.391	228.785	380351N	1215505W
7 Jun 10 2019	23:45.3	Operationa '1200'	256.438	228.793	380352N	1215502W
7 Jun 10 2019	23:47.8	Operationa '1200'	256.496	228.797	380352N	1215457W
7 Jun 10 2019	23:48.1	Operationa '1200'	256.504	228.797	380352N	1215457W
7 Jun 10 2019	23:49.9	Operationa '1200'	256.543	228.797	380352N	1215454W
7 Jun 10 2019	23:52.6	Operationa '1200'	256.605	228.793	380352N	1215449W
7 Jun 10 2019	23:53.1	Operationa '1200'	256.621	228.793	380352N	1215448W
7 Jun 10 2019	23:54.6	Operationa '1200'	256.652	228.793	380352N	1215445W
7 Jun 10 2019	23:57.4	Operationa '1200'	256.723	228.793	380352N	1215440W
7 Jun 10 2019	23:58.0	Operationa '1200'	256.734	228.789	380352N	1215439W
7 Jun 10 2019	23:59.1	Operationa '1200'	256.766	228.789	380352N	1215437W
7 Jun 10 2019	24:02.2	Operationa '1200'	256.836	228.793	380352N	1215431W
7 Jun 10 2019	24:02.7	Operationa '1200'	256.848	228.789	380352N	1215430W
7 Jun 10 2019	24:03.7	Operationa '1200'	256.871	228.789	380352N	1215429W
7 Jun 10 2019	24:07.2	Operationa '1200'	256.953	228.785	380351N	1215422W
7 Jun 10 2019	24:07.5	Operationa '1200'	256.961	228.785	380351N	1215422W
7 Jun 10 2019	24:08.4	Operationa '1200'	256.984	228.781	380351N	1215420W
7 Jun 10 2019	24:12.0	Operationa '1200'	257.066	228.773	380351N	1215414W
7 Jun 10 2019	24:12.3	Operationa '1200'	257.078	228.77	380350N	1215413W
7 Jun 10 2019	24:13.0	Operationa '1200'	257.094	228.77	380350N	1215412W
7 Jun 10 2019	24:16.8	Operationa '1200'	257.184	228.754	380350N	1215405W
7 Jun 10 2019	24:17.2	Operationa '1200'	257.191	228.754	380350N	1215404W
7 Jun 10 2019	24:17.5	Operationa '1200'	257.199	228.746	380349N	1215404W
7 Jun 10 2019	24:21.6	Operationa '1200'	257.285	228.727	380348N	1215357W
7 Jun 10 2019	24:21.9	Operationa '1200'	257.301	228.727	380348N	1215356W
7 Jun 10 2019	24:22.2	Operationa '1200'	257.305	228.723	380348N	1215356W
7 Jun 10 2019	24:26.4	Operationa '1200'	257.398	228.68	380345N	1215349W
7 Jun 10 2019	24:26.7	Operationa '1200'	257.414	228.676	380345N	1215347W
7 Jun 10 2019	24:26.8	Operationa '1200'	257.418	228.676	380345N	1215347W
7 Jun 10 2019	24:31.2	Operationa '1200'	257.512	228.648	380343N	1215340W
7 Jun 10 2019	24:31.6	Operationa '1200'	257.523	228.645	380343N	1215339W
7 Jun 10 2019	24:36.0	Operationa '1200'	257.625	228.621	380342N	1215331W
7 Jun 10 2019	24:36.4	Operationa '1200'	257.637	228.617	380341N	1215330W
7 Jun 10 2019	24:40.6	Operationa '1200'	257.738	228.602	380340N	1215323W
7 Jun 10 2019	24:41.2	Operationa '1200'	257.75	228.598	380340N	1215322W
7 Jun 10 2019	24:45.3	Operationa '1200'	257.848	228.586	380339N	1215314W
7 Jun 10 2019	24:45.6	Operationa '1200'	257.852	228.586	380339N	1215314W
7 Jun 10 2019	24:46.2	Operationa '1200'	257.859	228.582	380339N	1215314W
7 Jun 10 2019	24:49.9	Operationa '1200'	257.949	228.57	380338N	1215307W
7 Jun 10 2019	24:50.4	Operationa '1200'	257.957	228.57	380338N	1215306W
7 Jun 10 2019	24:50.8	Operationa '1200'	257.969	228.57	380338N	1215305W
7 Jun 10 2019	24:54.6	Operationa '1200'	258.051	228.555	380338N	1215259W
7 Jun 10 2019	24:55.3	Operationa '1200'	258.066	228.555	380338N	1215258W

7 Jun 10 2019	24:55.6	Operationa '1200'	258.07	228.551	380337N	1215258W
7 Jun 10 2019	24:59.1	Operationa '1200'	258.145	228.539	380337N	1215252W
7 Jun 10 2019	25:00.1	Operationa '1200'	258.168	228.535	380336N	1215250W
7 Jun 10 2019	25:00.6	Operationa '1200'	258.18	228.531	380336N	1215249W
7 Jun 10 2019	25:03.7	Operationa '1200'	258.25	228.516	380335N	1215244W
7 Jun 10 2019	25:04.9	Operationa '1200'	258.273	228.508	380335N	1215242W
7 Jun 10 2019	25:05.4	Operationa '1200'	258.285	228.508	380335N	1215241W
7 Jun 10 2019	25:08.4	Operationa '1200'	258.352	228.488	380334N	1215236W
7 Jun 10 2019	25:09.7	Operationa '1200'	258.383	228.477	380333N	1215234W
7 Jun 10 2019	25:10.2	Operationa '1200'	258.395	228.477	380333N	1215233W
7 Jun 10 2019	25:12.9	Operationa '1200'	258.453	228.461	380332N	1215228W
7 Jun 10 2019	25:14.5	Operationa '1200'	258.496	228.453	380331N	1215225W
7 Jun 10 2019	25:17.5	Operationa '1200'	258.559	228.438	380331N	1215220W
7 Jun 10 2019	25:19.3	Operationa '1200'	258.598	228.426	380330N	1215217W
7 Jun 10 2019	25:19.9	Operationa '1200'	258.609	228.422	380330N	1215217W
7 Jun 10 2019	25:22.2	Operationa '1200'	258.66	228.41	380329N	1215213W
7 Jun 10 2019	25:24.3	Operationa '1200'	258.707	228.395	380328N	1215209W
7 Jun 10 2019	25:24.7	Operationa '1200'	258.715	228.391	380328N	1215209W
7 Jun 10 2019	25:26.8	Operationa '1200'	258.758	228.375	380327N	1215205W
7 Jun 10 2019	25:29.1	Operationa '1200'	258.801	228.352	380325N	1215202W
7 Jun 10 2019	25:29.5	Operationa '1200'	258.816	228.348	380325N	1215201W
7 Jun 10 2019	25:31.5	Operationa '1200'	258.852	228.332	380324N	1215158W
7 Jun 10 2019	25:33.9	Operationa '1200'	258.898	228.305	380323N	1215155W
7 Jun 10 2019	25:34.2	Operationa '1200'	258.91	228.305	380323N	1215154W
7 Jun 10 2019	25:36.0	Operationa '1200'	258.934	228.262	380320N	1215152W
7 Jun 10 2019	25:38.7	Operationa '1200'	258.969	228.215	380317N	1215149W
7 Jun 10 2019	25:39.1	Operationa '1200'	258.98	228.203	380316N	1215148W
7 Jun 10 2019	25:40.6	Operationa '1200'	258.992	228.164	380314N	1215148W
7 Jun 10 2019	25:43.5	Operationa '1200'	259.023	228.121	380311N	1215145W
7 Jun 10 2019	25:44.1	Operationa '1200'	259.035	228.113	380311N	1215144W
7 Jun 10 2019	25:45.3	Operationa '1200'	259.055	228.098	380310N	1215143W
7 Jun 10 2019	25:48.4	Operationa '1200'	259.082	228.047	380307N	1215141W
7 Jun 10 2019	25:48.7	Operationa '1200'	259.102	228.035	380306N	1215139W
7 Jun 10 2019	25:49.8	Operationa '1200'	259.117	228.023	380306N	1215138W
7 Jun 10 2019	25:53.1	Operationa '1200'	259.145	227.965	380302N	1215136W
7 Jun 10 2019	25:53.5	Operationa '1200'	259.16	227.957	380302N	1215135W
7 Jun 10 2019	25:54.4	Operationa '1200'	259.168	227.941	380301N	1215134W
7 Jun 10 2019	25:58.0	Operationa '1200'	259.191	227.879	380257N	1215132W
7 Jun 10 2019	25:58.3	Operationa '1200'	259.211	227.867	380256N	1215131W
7 Jun 10 2019	25:58.5	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	25:59.1	Operationa '1200'	259.215	227.855	380256N	1215131W
7 Jun 10 2019	26:02.8	Operationa '1200'	259.25	227.793	380252N	1215128W
7 Jun 10 2019	26:03.1	Operationa '1200'	259.258	227.785	380251N	1215127W
7 Jun 10 2019	26:03.7	Operationa '1200'	259.266	227.781	380251N	1215127W
7 Jun 10 2019	26:07.6	Operationa '1200'	259.305	227.715	380247N	1215124W
7 Jun 10 2019	26:08.1	Operationa '1200'	259.312	227.703	380246N	1215123W
7 Jun 10 2019	26:12.4	Operationa '1200'	259.355	227.629	380242N	1215120W

7 Jun 10 2019	26:12.9	Operationa '1200'	259.363	227.629	380242N	1215119W
7 Jun 10 2019	26:17.2	Operationa '1200'	259.402	227.562	380238N	1215116W
7 Jun 10 2019	26:17.5	Operationa '1200'	259.402	227.559	380238N	1215116W
7 Jun 10 2019	26:17.7	Operationa '1200'	259.41	227.555	380237N	1215116W
7 Jun 10 2019	26:22.1	Operationa '1200'	259.453	227.484	380233N	1215113W
7 Jun 10 2019	26:22.6	Operationa '1200'	259.461	227.477	380233N	1215112W
7 Jun 10 2019	26:26.7	Operationa '1200'	259.508	227.406	380229N	1215108W
7 Jun 10 2019	26:27.3	Operationa '1200'	259.512	227.398	380228N	1215108W
7 Jun 10 2019	26:31.4	Operationa '1200'	259.551	227.324	380224N	1215105W
7 Jun 10 2019	26:31.8	Operationa '1200'	259.551	227.316	380223N	1215105W
7 Jun 10 2019	26:36.0	Operationa '1200'	259.59	227.25	380219N	1215102W
7 Jun 10 2019	26:36.6	Operationa '1200'	259.59	227.242	380219N	1215102W
7 Jun 10 2019	26:37.0	Operationa '1200'	259.602	227.23	380218N	1215101W
7 Jun 10 2019	26:40.6	Operationa '1200'	259.641	227.176	380215N	1215058W
7 Jun 10 2019	26:41.4	Operationa '1200'	259.648	227.164	380214N	1215058W
7 Jun 10 2019	26:41.7	Operationa '1200'	259.652	227.156	380213N	1215057W
7 Jun 10 2019	26:45.2	Operationa '1200'	259.695	227.113	380211N	1215054W
7 Jun 10 2019	26:46.2	Operationa '1200'	259.715	227.121	380211N	1215053W
7 Jun 10 2019	26:46.5	Operationa '1200'	259.75	227.125	380212N	1215050W
7 Jun 10 2019	26:49.8	Operationa '1200'	259.855	227.168	380214N	1215042W
7 Jun 10 2019	26:51.0	Operationa '1200'	259.859	227.211	380217N	1215042W
7 Jun 10 2019	26:51.4	Operationa '1200'	259.879	227.215	380217N	1215040W
7 Jun 10 2019	26:54.4	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	26:55.8	Operationa '1200'	259.934	227.367	380226N	1215036W
7 Jun 10 2019	26:56.4	Operationa '1200'	259.945	227.375	380227N	1215035W
7 Jun 10 2019	26:58.5	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	26:59.1	Operationa '1200'	259.961	227.48	380233N	1215034W
7 Jun 10 2019	27:00.8	Operationa '1200'	259.961	227.543	380237N	1215034W
7 Jun 10 2019	27:01.0	Operationa '1200'	259.992	227.559	380238N	1215032W
7 Jun 10 2019	27:05.4	Operationa '1200'	260.062	227.707	380247N	1215026W
7 Jun 10 2019	27:08.3	Operationa '1200'	260.113	227.801	380252N	1215022W
7 Jun 10 2019	27:10.2	Operationa '1200'	260.25	227.785	380251N	1215012W
7 Jun 10 2019	27:12.9	Operationa '1200'	260.277	227.773	380251N	1215010W
7 Jun 10 2019	27:15.2	Operationa '1200'	260.328	227.707	380247N	1215006W
7 Jun 10 2019	27:15.6	Operationa '1200'	260.32	227.695	380246N	1215007W
7 Jun 10 2019	27:17.5	Operationa '1200'	260.32	227.598	380240N	1215007W
7 Jun 10 2019	27:19.9	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	27:20.4	Operationa '1200'	260.098	227.617	380241N	1215024W
7 Jun 10 2019	27:24.8	Operationa '1200'	260.035	227.859	380256N	1215028W
7 Jun 10 2019	27:25.2	Operationa '1200'	260.055	227.875	380257N	1215027W
7 Jun 10 2019	27:31.2	Operationa '1200'	N/A	N/A	N/A	N/A
7 Jun 10 2019	27:36.3	Operationa '1200'	260.055	227.875	380257N	1215027W
7 Jun 10 2019	27:42.2	Operationa '1200'	260.055	227.875	380257N	1215027W
7 Jun 10 2019	27:44.5	Operationa '1200'	259.684	228.66	380344N	1215055W
7 Jun 10 2019	27:50.6	Operationa '1200'	259.684	228.66	380344N	1215055W
7 Jun 10 2019	27:55.7	Operationa '1200'	259.684	228.66	380344N	1215055W
7 Jun 10 2019	28:01.6	Operationa '1200'	259.684	228.66	380344N	1215055W

7 Jun 10 2011	28:02.5 Operations	' N/A'	N/A	N/A	N/A	N/A
---------------	--------------------	--------	-----	-----	-----	-----

X-Velocity	Y-Velocity	Altitude	Ve Filtered	He Filtered	SpC/J	Arrival/Deç	Drop Track	Tile-set Num
0	0	0	0	0	N/A	N/A	No	28797
27.19	55.31	503.91	25.31	62	N/A	N/A	No	28797
45.94	59.06	250.49	28.12	75	N/A	N/A	No	28797
42.19	59.06	351.56	29.53	74	N/A	N/A	No	28797
49.69	56.25	351.56	40.78	75	N/A	N/A	No	28797
48.75	57.19	435.06	40.78	75	N/A	N/A	No	29053
47.81	57.19	895.02	40.78	75	N/A	N/A	No	29053
46.88	57.19	607.91	40.78	75	N/A	N/A	No	29053
46.88	57.19	366.21	39.38	75	N/A	N/A	No	29053
N/A	N/A	552.25	N/A	N/A	N/A	N/A	No	N/A
45.94	57.19	552.25	39.38	75	N/A	N/A	No	29053
45.94	58.12	486.33	39.38	74	N/A	N/A	No	29053
45	60	561.04	37.97	75	N/A	N/A	No	29053
44.06	60.94	536.13	37.97	75	N/A	N/A	No	29053
43.12	61.88	578.61	36.56	75	N/A	N/A	No	29053
42.19	61.88	566.89	36.56	75	N/A	N/A	No	29053
41.25	61.88	566.89	36.56	75	N/A	N/A	No	29053
41.25	62.81	594.73	35.16	75	N/A	N/A	No	29053
41.25	62.81	594.73	35.16	75	N/A	N/A	No	29053
41.25	62.81	587.4	35.16	75	N/A	N/A	No	29053
41.25	62.81	587.4	35.16	75	N/A	N/A	No	29053
41.25	61.88	587.4	35.16	75	N/A	N/A	No	29053
41.25	62.81	562.5	35.16	75	N/A	N/A	No	29053
41.25	63.75	562.5	35.16	75	N/A	N/A	No	29053
40.31	63.75	568.36	33.75	75	N/A	N/A	No	29053
40.31	63.75	568.36	33.75	76	N/A	N/A	No	29053
40.31	64.69	558.11	33.75	76	N/A	N/A	No	29053
40.31	64.69	558.11	33.75	76	N/A	N/A	No	29053
40.31	64.69	568.36	32.34	76	N/A	N/A	No	29053
39.38	64.69	568.36	32.34	76	N/A	N/A	No	29053
39.38	64.69	563.96	32.34	76	N/A	N/A	No	29053
40.31	64.69	563.96	32.34	76	N/A	N/A	No	29053
40.31	64.69	587.4	32.34	76	N/A	N/A	No	29053
40.31	65.62	581.54	32.34	77	N/A	N/A	No	29053
40.31	65.62	594.73	30.94	77	N/A	N/A	No	29053
40.31	65.62	599.12	30.94	77	N/A	N/A	No	29053
40.31	65.62	599.12	30.94	77	N/A	N/A	No	29053
40.31	65.62	594.73	30.94	77	N/A	N/A	No	29053
40.31	66.56	603.52	30.94	77	N/A	N/A	No	29053
40.31	66.56	603.52	30.94	78	N/A	N/A	No	29053
41.25	66.56	603.52	30.94	78	N/A	N/A	No	29054
N/A	N/A	603.52	N/A	N/A	N/A	N/A	No	N/A
41.25	66.56	603.52	30.94	78	N/A	N/A	No	29054
41.25	65.62	610.84	30.94	78	N/A	N/A	No	29054
41.25	65.62	610.84	30.94	78	N/A	N/A	No	29054
42.19	65.62	609.38	30.94	78	N/A	N/A	No	29310

42.19	65.62	609.38	30.94	78 N/	N/A	No	29310
43.12	64.69	621.09	32.34	78 N/	N/A	No	29310
46.88	62.81	625.49	32.34	78 N/	N/A	No	29310
45.94	62.81	625.49	32.34	78 N/	N/A	No	29310
49.69	57.19	622.56	40.78	78 N/	N/A	No	29310
48.75	57.19	622.56	39.38	77 N/	N/A	No	29310
66.56	28.12	628.42	66.09	76 N/	N/A	No	29310
61.88	31.88	628.42	66.09	75 N/	N/A	No	29310
90.94	-6.56	641.6	94.22	77 N/	N/A	No	29310
89.06	16.88	641.6	78.75	78 N/	N/A	No	29310
76.88	30.94	643.07	67.5	80 N/	N/A	No	29310
77.81	30	643.07	67.5	81 N/	N/A	No	29310
74.06	6.56	641.6	84.38	82 N/	N/A	No	29310
84.38	23.44	638.67	73.12	85 N/	N/A	No	29310
87.19	13.12	632.81	73.12	87 N/	N/A	No	29310
82.5	9.38	632.81	82.97	87 N/	N/A	No	29310
77.81	21.56	637.21	73.12	86 N/	N/A	No	29310
77.81	18.75	637.21	73.12	85 N/	N/A	No	29310
75	16.88	632.81	74.53	84 N/	N/A	No	29310
76.88	14.06	632.81	74.53	83 N/	N/A	No	29310
N/A	N/A	638.67	N/A	N/A	N/A	No	N/A
77.81	14.06	638.67	74.53	82 N/	N/A	No	29310
77.81	12.19	640.14	74.53	81 N/	N/A	No	29310
78.75	12.19	635.74	75.94	80 N/	N/A	No	29310
77.81	13.12	635.74	75.94	79 N/	N/A	No	29310
77.81	13.12	640.14	75.94	79 N/	N/A	No	29310
77.81	13.12	640.14	75.94	78 N/	N/A	No	29310
76.88	13.12	635.74	77.34	78 N/	N/A	No	29310
76.88	13.12	635.74	77.34	78 N/	N/A	No	29310
76.88	13.12	640.14	77.34	77 N/	N/A	No	29310
75.94	14.06	640.14	77.34	77 N/	N/A	No	29310
75.94	14.06	640.14	77.34	77 N/	N/A	No	29310
75.94	14.06	635.74	77.34	77 N/	N/A	No	29310
75	14.06	635.74	78.75	77 N/	N/A	No	29310
75.94	13.12	629.88	78.75	77 N/	N/A	No	29310
75.94	15	621.09	78.75	77 N/	N/A	No	29310
75	15.94	622.56	77.34	77 N/	N/A	No	29310
74.06	15.94	622.56	77.34	76 N/	N/A	No	29310
74.06	17.81	618.16	77.34	76 N/	N/A	No	29310
75	19.69	610.84	77.34	76 N/	N/A	No	29311
74.06	20.62	602.05	77.34	76 N/	N/A	No	29311
75	21.56	602.05	77.34	77 N/	N/A	No	29311
75	23.44	600.59	77.34	77 N/	N/A	No	29311
75	23.44	600.59	75.94	77 N/	N/A	No	29311
75	25.31	600.59	75.94	78 N/	N/A	No	29311
75	23.44	587.4	74.53	78 N/	N/A	No	29311
75	24.38	587.4	74.53	78 N/	N/A	No	29311

75	23.44	588.87	74.53	79 N/	N/A	No	29311
75.94	23.44	588.87	74.53	79 N/	N/A	No	29311
75.94	24.38	588.87	74.53	79 N/	N/A	No	29311
75.94	25.31	581.54	73.12	80 N/	N/A	No	29311
76.88	24.38	581.54	73.12	80 N/	N/A	No	29311
76.88	24.38	581.54	73.12	81 N/	N/A	No	29311
77.81	24.38	568.36	73.12	82 N/	N/A	No	29311
77.81	23.44	568.36	73.12	82 N/	N/A	No	29311
77.81	23.44	568.36	73.12	82 N/	N/A	No	29311
77.81	20.62	565.43	73.12	82 N/	N/A	No	29311
77.81	20.62	565.43	73.12	82 N/	N/A	No	29311
78.75	18.75	552.25	74.53	83 N/	N/A	No	29311
79.69	17.81	552.25	74.53	83 N/	N/A	No	29311
79.69	17.81	552.25	74.53	82 N/	N/A	No	29311
80.62	9.38	552.25	82.97	82 N/	N/A	No	29311
79.69	10.31	552.25	82.97	82 N/	N/A	No	29311
75.94	-4.69	546.39	92.81	80 N/	N/A	No	29311
82.5	-7.5	546.39	92.81	81 N/	N/A	No	29311
81.56	8.44	549.32	82.97	81 N/	N/A	No	29311
82.5	5.62	549.32	82.97	82 N/	N/A	No	29311
80.62	1.88	546.39	82.97	82 N/	N/A	No	29311
80.62	-2.81	546.39	91.41	82 N/	N/A	No	29311
82.5	-3.75	546.39	91.41	82 N/	N/A	No	29311
81.56	-1.88	539.06	91.41	82 N/	N/A	No	29311
80.62	-4.69	530.27	91.41	82 N/	N/A	No	29311
81.56	-2.81	517.09	91.41	82 N/	N/A	No	29311
81.56	-1.88	517.09	91.41	82 N/	N/A	No	29311
81.56	-2.81	517.09	91.41	82 N/	N/A	No	29311
82.5	0	514.16	91.41	82 N/	N/A	No	29311
81.56	-0.94	514.16	91.41	82 N/	N/A	No	29311
82.5	-0.94	514.16	90	82 N/	N/A	No	29311
82.5	0	505.37	90	82 N/	N/A	No	29311
82.5	0	505.37	90	82 N/	N/A	No	29311
82.5	0	505.37	90	82 N/	N/A	No	29311
83.44	1.88	508.3	90	83 N/	N/A	No	29311
82.5	1.88	508.3	90	83 N/	N/A	No	29311
82.5	1.88	508.3	90	83 N/	N/A	No	29311
82.5	2.81	503.91	88.59	83 N/	N/A	No	29311
82.5	2.81	503.91	88.59	83 N/	N/A	No	29311
82.5	2.81	503.91	88.59	83 N/	N/A	No	29311
82.5	2.81	493.65	88.59	83 N/	N/A	No	29312
82.5	2.81	493.65	88.59	83 N/	N/A	No	29312
83.44	2.81	493.65	88.59	83 N/	N/A	No	29312
83.44	3.75	495.12	87.19	83 N/	N/A	No	29312
82.5	4.69	495.12	87.19	83 N/	N/A	No	29312
82.5	4.69	493.65	87.19	83 N/	N/A	No	29312
82.5	4.69	489.26	87.19	83 N/	N/A	No	29312

82.5	5.62	483.4	87.19	83 N/	N/A	No	29312
83.44	4.69	483.4	87.19	83 N/	N/A	No	29312
83.44	4.69	489.26	87.19	84 N/	N/A	No	29312
82.5	5.62	492.19	85.78	84 N/	N/A	No	29312
83.44	4.69	492.19	85.78	84 N/	N/A	No	29312
83.44	5.62	490.72	85.78	84 N/	N/A	No	29312
83.44	5.62	489.26	85.78	84 N/	N/A	No	29312
83.44	4.69	489.26	85.78	84 N/	N/A	No	29312
83.44	4.69	483.4	85.78	84 N/	N/A	No	29312
83.44	3.75	477.54	85.78	84 N/	N/A	No	29312
84.38	2.81	477.54	85.78	84 N/	N/A	No	29312
83.44	2.81	477.54	85.78	84 N/	N/A	No	29312
83.44	2.81	479	87.19	84 N/	N/A	No	29312
84.38	2.81	479	87.19	84 N/	N/A	No	29312
84.38	1.88	479	87.19	84 N/	N/A	No	29312
84.38	1.88	474.61	87.19	85 N/	N/A	No	29312
84.38	1.88	474.61	87.19	85 N/	N/A	No	29312
84.38	1.88	474.61	87.19	85 N/	N/A	No	29312
84.38	0.94	465.82	87.19	85 N/	N/A	No	29312
85.31	0	465.82	87.19	85 N/	N/A	No	29312
84.38	0	465.82	87.19	85 N/	N/A	No	29312
84.38	-1.88	470.21	88.59	85 N/	N/A	No	29312
85.31	-2.81	470.21	88.59	85 N/	N/A	No	29312
84.38	-2.81	470.21	88.59	85 N/	N/A	No	29312
83.44	-5.62	465.82	88.59	85 N/	N/A	No	29312
84.38	-5.62	465.82	88.59	85 N/	N/A	No	29312
83.44	-7.5	465.82	88.59	85 N/	N/A	No	29312
81.56	-9.38	470.21	88.59	84 N/	N/A	No	29312
83.44	-10.31	470.21	88.59	84 N/	N/A	No	29312
83.44	-10.31	470.21	88.59	84 N/	N/A	No	29312
80.62	-25.31	468.75	106.88	84 N/	N/A	No	29312
85.31	-24.38	468.75	106.88	85 N/	N/A	No	29312
85.31	-23.44	468.75	106.88	86 N/	N/A	No	29312
81.56	-20.62	461.43	106.88	88 N/	N/A	No	29312
83.44	-20.62	461.43	106.88	88 N/	N/A	No	29312
81.56	-21.56	442.38	105.47	89 N/	N/A	No	29312
82.5	-21.56	442.38	105.47	88 N/	N/A	No	29312
84.38	-18.75	443.85	105.47	89 N/	N/A	No	29312
83.44	-19.69	443.85	105.47	88 N/	N/A	No	29312
84.38	-17.81	439.45	104.06	88 N/	N/A	No	29312
83.44	-16.88	439.45	104.06	88 N/	N/A	No	29312
83.44	-16.88	439.45	104.06	87 N/	N/A	No	29312
83.44	-15.94	445.31	104.06	86 N/	N/A	No	29312
82.5	-15.94	445.31	104.06	86 N/	N/A	No	29312
82.5	-15.94	445.31	104.06	85 N/	N/A	No	29312
82.5	-15.94	446.78	102.66	84 N/	N/A	No	29313
81.56	-15	446.78	102.66	84 N/	N/A	No	29313

81.56	-15	446.78	102.66	83 N/	N/A	No	29313
81.56	-15	442.38	102.66	82 N/	N/A	No	29313
80.62	-15	436.52	102.66	82 N/	N/A	No	29313
81.56	-15	436.52	102.66	82 N/	N/A	No	29313
80.62	-15.94	427.73	101.25	81 N/	N/A	No	29313
80.62	-15.94	427.73	101.25	81 N/	N/A	No	29313
80.62	-15.94	427.73	101.25	81 N/	N/A	No	29313
80.62	-16.88	0	101.25	81 N/	N/A	No	29313
80.62	-17.81	0	101.25	81 N/	N/A	No	29313
80.62	-17.81	0	101.25	81 N/	N/A	No	29313
80.62	-16.88	521.48	101.25	82 N/	N/A	No	29313
80.62	-16.88	521.48	101.25	82 N/	N/A	No	29313
80.62	-17.81	1325.68	101.25	82 N/	N/A	No	29313
80.62	-17.81	1325.68	101.25	82 N/	N/A	No	29313
80.62	-18.75	1167.48	101.25	82 N/	N/A	No	29313
80.62	-18.75	972.66	101.25	82 N/	N/A	No	29313
80.62	-19.69	810.06	102.66	82 N/	N/A	No	29313
80.62	-19.69	810.06	102.66	82 N/	N/A	No	29313
79.69	-21.56	659.18	102.66	83 N/	N/A	No	29313
76.88	-24.38	541.99	102.66	82 N/	N/A	No	29313
78.75	-22.5	541.99	102.66	82 N/	N/A	No	29313
77.81	-24.38	449.71	102.66	82 N/	N/A	No	29313
75	-27.19	502.44	102.66	82 N/	N/A	No	29313
77.81	-25.31	502.44	102.66	82 N/	N/A	No	29313
68.44	-41.25	512.7	120.94	81 N/	N/A	No	29313
58.12	-50.62	498.05	130.78	81 N/	N/A	No	29313
61.88	-51.56	498.05	129.38	81 N/	N/A	No	29313
52.5	-65.62	498.05	140.62	81 N/	N/A	No	29313
44.06	-59.06	540.53	140.62	80 N/	N/A	No	29313
48.75	-60	540.53	140.62	79 N/	N/A	No	29313
50.62	-54.38	540.53	140.62	78 N/	N/A	No	29313
37.5	-61.88	531.74	140.62	76 N/	N/A	No	29313
48.75	-60.94	531.74	140.62	77 N/	N/A	No	29313
50.62	-58.12	531.74	140.62	76 N/	N/A	No	29313
35.62	-63.75	499.51	150.47	75 N/	N/A	No	29057
44.06	-62.81	499.51	150.47	76 N/	N/A	No	29057
42.19	-63.75	499.51	150.47	76 N/	N/A	No	29057
30	-65.62	514.16	151.88	75 N/	N/A	No	29057
40.31	-64.69	514.16	151.88	75 N/	N/A	No	29057
N/A	N/A	514.16	N/A	N/A	N/A	No	N/A
39.38	-64.69	514.16	151.88	75 N/	N/A	No	29057
35.62	-62.81	502.44	150.47	75 N/	N/A	No	29057
38.44	-62.81	502.44	150.47	75 N/	N/A	No	29057
39.38	-60.94	502.44	150.47	74 N/	N/A	No	29057
38.44	-61.88	520.02	150.47	74 N/	N/A	No	29057
39.38	-61.88	520.02	150.47	73 N/	N/A	No	29057
37.5	-61.88	515.62	150.47	73 N/	N/A	No	29057

38.44	-60.94	515.62	150.47	73 N/	N/A	No	29057	
37.5	-59.06	533.2	149.06	72 N/	N/A	No	29057	
37.5	-59.06	533.2	149.06	71 N/	N/A	No	29057	
38.44	-59.06	533.2	149.06	71 N/	N/A	No	29057	
37.5	-59.06	531.74	149.06	70 N/	N/A	No	29057	
38.44	-59.06	531.74	149.06	70 N/	N/A	No	29057	
38.44	-59.06	520.02	147.66	69 N/	N/A	No	29057	
38.44	-59.06	520.02	147.66	69 N/	N/A	No	29057	
37.5	-60	525.88	147.66	69 N/	N/A	No	29057	
36.56	-60	525.88	147.66	69 N/	N/A	No	29057	
36.56	-60	521.48	147.66	69 N/	N/A	No	29057	
35.62	-60	521.48	147.66	69 N/	N/A	No	29057	
36.56	-60	521.48	147.66	69 N/	N/A	No	29057	
36.56	-59.06	511.23	147.66	69 N/	N/A	No	29057	
36.56	-59.06	511.23	147.66	69 N/	N/A	No	29057	
36.56	-59.06	511.23	147.66	69 N/	N/A	No	29057	
41.25	-54.38	495.12	147.66	69 N/	N/A	No	29057	
47.81	-41.25	495.12	129.38	68 N/	N/A	No	29057	
72.19	-26.25	495.12	109.69	70 N/	N/A	No	29057	
98.44	27.19	495.12	74.53	77 N/	N/A	No	29057	
79.69	60	-366.21	52.03	82 N/	N/A	No	29057	
87.19	59.06	-366.21	52.03	84 N/	N/A	No	29057	
N/A	N/A	-366.21	N/A	N/A	N/	N/A	No	N/A
30	138.75	-1543.95	11.25	100 N/	N/A	No	29057	
38.44	130.31	-1543.95	11.25	102 N/	N/A	No	29057	
N/A	N/A	-1543.95	N/A	N/A	N/	N/A	No	N/A
24.38	133.12	-2674.8	11.25	113 N/	N/A	No	29057	
14.06	136.88	-2674.8	5.62	121 N/	N/A	No	29057	
37.5	132.19	-2948.73	15.47	125 N/	N/A	No	29057	
63.75	124.69	-3035.16	26.72	138 N/	N/A	No	29058	
62.81	124.69	-3035.16	26.72	145 N/	N/A	No	29058	
138.75	59.06	-3388.18	66.09	151 N/	N/A	No	29058	
98.44	10.31	-3388.18	82.97	149 N/	N/A	No	29058	
93.75	-63.75	-3388.18	123.75	146 N/	N/A	No	29058	
80.62	-72.19	-3388.18	130.78	145 N/	N/A	No	29058	
45.94	-131.25	-14370.1	146.25	147 N/	N/A	No	29058	
N/A	N/A	-14370.1	N/A	N/A	N/	N/A	No	N/A
-164.06	-55.31	-14370.1	191.25	156 N/	N/A	No	29058	
-83.44	141.56	-7051.76	251.72	163 N/	N/A	No	29058	
-59.06	128.44	-7051.76	279.84	162 N/	N/A	No	29058	
N/A	N/A	-7051.76	N/A	N/A	N/	N/A	No	N/A
-59.06	128.44	-7051.76	279.84	162 N/	N/A	No	29058	
-59.06	128.44	-7051.76	279.84	162 N/	N/A	No	29058	
-75	156.56	0	345.94	184 N/	N/A	No	29313	
-75	156.56	0	345.94	184 N/	N/A	No	29313	
-75	156.56	0	345.94	184 N/	N/A	No	29313	
-75	156.56	0	345.94	184 N/	N/A	No	29313	

N/A	N/A	N/A	N/A	N/A	N/	N/A	Yes	N/A
-----	-----	-----	-----	-----	----	-----	-----	-----

MSAW Inhi	Aircraft ID	Track ID	CA Inhibit	I Altitude	Target Add	Target Ider	Smoothed Altitude
N	N/A	3981	N-N	N/A	N/A	N/A	323
N	N/A	3981	N-N		8	N/A	423
N	N/A	3981	N-N		9	N/A	465
N	N/A	3981	N-N		10	N/A	513
N	N/A	3981	N-N		10	N/A	517
N	N/A	3981	N-N		11	N/A	553
N	N/A	3981	N-N		12	N/A	607
N	N/A	3981	N-N		12	N/A	626
N	N/A	3981	N-N		12	N/A	630
N	N/A	3981	N-N		13	N/A	630
N	N/A	3981	N-N		13	N/A	666
N	N/A	3981	N-N		13	N/A	679
N	N/A	3981	N-N		14	N/A	711
N	N/A	3981	N-N		14	N/A	729
N	N/A	3981	N-N		15	N/A	760
N	N/A	3981	N-N		15	N/A	778
N	N/A	3981	N-N		15	N/A	780
N	N/A	3981	N-N		16	N/A	807
N	N/A	3981	N-N		16	N/A	810
N	N/A	3981	N-N		16	N/A	828
N	N/A	3981	N-N		16	N/A	832
N	N/A	3981	N-N		16	N/A	833
N	N/A	3981	N-N		16	N/A	843
N	N/A	3981	N-N		17	N/A	848
N	N/A	3981	N-N		17	N/A	867
N	N/A	3981	N-N		17	N/A	873
N	N/A	3981	N-N		17	N/A	885
N	N/A	3981	N-N		18	N/A	898
N	N/A	3981	N-N		18	N/A	910
N	N/A	3981	N-N		18	N/A	918
N	N/A	3981	N-N		18	N/A	930
N	N/A	3981	N-N		19	N/A	948
N	N/A	3981	N-N		19	N/A	961
N	N/A	3981	N-N		19	N/A	982
N	N/A	3981	N-N		20	N/A	998
N	N/A	3981	N-N		20	N/A	1011
N	N/A	3981	N-N		20	N/A	1024
N	N/A	3981	N-N		20	N/A	1033
N	N/A	3981	N-N		21	N/A	1050
N	N/A	3981	N-N		21	N/A	1059
N	N/A	3981	N-N		21	N/A	1074
N	N/A	3981	N-N		21	N/A	1074
N	N/A	3981	N-N		21	N/A	1083
N	N/A	3981	N-N		22	N/A	1102
N	N/A	3981	N-N		22	N/A	1109
N	N/A	3981	N-N		22	N/A	1126

N	N/A	3981 N-N	22	N/A	N/A	1133
N	N/A	3981 N-N	23	N/A	N/A	1155
N	N/A	3981 N-N	23	N/A	N/A	1159
N	N/A	3981 N-N	23	N/A	N/A	1163
N	N/A	3981 N-N	23	N/A	N/A	1181
N	N/A	3981 N-N	23	N/A	N/A	1186
N	N/A	3981 N-N	24	N/A	N/A	1209
N	N/A	3981 N-N	24	N/A	N/A	1212
N	N/A	3981 N-N	25	N/A	N/A	1248
N	N/A	3981 N-N	25	N/A	N/A	1248
N	N/A	3981 N-N	25	N/A	N/A	1267
N	N/A	3981 N-N	25	N/A	N/A	1268
N	N/A	3981 N-N	25	N/A	N/A	1291
N	N/A	3981 N-N	26	N/A	N/A	1315
N	N/A	3981 N-N	26	N/A	N/A	1337
N	N/A	3981 N-N	26	N/A	N/A	1339
N	N/A	3981 N-N	27	N/A	N/A	1363
N	N/A	3981 N-N	27	N/A	N/A	1366
N	N/A	3981 N-N	27	N/A	N/A	1385
N	N/A	3981 N-N	27	N/A	N/A	1389
N	N/A	3981 N-N	28	N/A	N/A	1389
N	N/A	3981 N-N	28	N/A	N/A	1413
N	N/A	3981 N-N	28	N/A	N/A	1419
N	N/A	3981 N-N	28	N/A	N/A	1436
N	N/A	3981 N-N	28	N/A	N/A	1442
N	N/A	3981 N-N	29	N/A	N/A	1462
N	N/A	3981 N-N	29	N/A	N/A	1470
N	N/A	3981 N-N	29	N/A	N/A	1485
N	N/A	3981 N-N	29	N/A	N/A	1494
N	N/A	3981 N-N	30	N/A	N/A	1511
N	N/A	3981 N-N	30	N/A	N/A	1521
N	N/A	3981 N-N	30	N/A	N/A	1523
N	N/A	3981 N-N	30	N/A	N/A	1534
N	N/A	3981 N-N	30	N/A	N/A	1544
N	N/A	3981 N-N	30	N/A	N/A	1543
N	N/A	3981 N-N	30	N/A	N/A	1548
N	N/A	3981 N-N	31	N/A	N/A	1565
N	N/A	3981 N-N	31	N/A	N/A	1567
N	N/A	3981 N-N	31	N/A	N/A	1587
N	N/A	3981 N-N	31	N/A	N/A	1596
N	N/A	3981 N-N	31	N/A	N/A	1598
N	N/A	3981 N-N	32	N/A	N/A	1615
N	N/A	3981 N-N	32	N/A	N/A	1628
N	N/A	3981 N-N	32	N/A	N/A	1629
N	N/A	3981 N-N	32	N/A	N/A	1637
N	N/A	3981 N-N	32	N/A	N/A	1647
N	N/A	3981 N-N	32	N/A	N/A	1648

N	N/A	3981 N-N	33	N/A	N/A	1671
N	N/A	3981 N-N	33	N/A	N/A	1673
N	N/A	3981 N-N	33	N/A	N/A	1678
N	N/A	3981 N-N	33	N/A	N/A	1692
N	N/A	3981 N-N	33	N/A	N/A	1693
N	N/A	3981 N-N	33	N/A	N/A	1697
N	N/A	3981 N-N	33	N/A	N/A	1698
N	N/A	3981 N-N	34	N/A	N/A	1711
N	N/A	3981 N-N	34	N/A	N/A	1715
N	N/A	3981 N-N	34	N/A	N/A	1731
N	N/A	3981 N-N	34	N/A	N/A	1734
N	N/A	3981 N-N	34	N/A	N/A	1748
N	N/A	3981 N-N	34	N/A	N/A	1748
N	N/A	3981 N-N	34	N/A	N/A	1748
N	N/A	3981 N-N	35	N/A	N/A	1771
N	N/A	3981 N-N	35	N/A	N/A	1772
N	N/A	3981 N-N	35	N/A	N/A	1790
N	N/A	3981 N-N	35	N/A	N/A	1791
N	N/A	3981 N-N	36	N/A	N/A	1813
N	N/A	3981 N-N	36	N/A	N/A	1815
N	N/A	3981 N-N	36	N/A	N/A	1833
N	N/A	3981 N-N	36	N/A	N/A	1834
N	N/A	3981 N-N	36	N/A	N/A	1836
N	N/A	3981 N-N	36	N/A	N/A	1848
N	N/A	3981 N-N	36	N/A	N/A	1848
N	N/A	3981 N-N	36	N/A	N/A	1848
N	N/A	3981 N-N	37	N/A	N/A	1864
N	N/A	3981 N-N	37	N/A	N/A	1865
N	N/A	3981 N-N	37	N/A	N/A	1880
N	N/A	3981 N-N	37	N/A	N/A	1884
N	N/A	3981 N-N	37	N/A	N/A	1885
N	N/A	3981 N-N	37	N/A	N/A	1896
N	N/A	3981 N-N	38	N/A	N/A	1900
N	N/A	3981 N-N	38	N/A	N/A	1902
N	N/A	3981 N-N	38	N/A	N/A	1916
N	N/A	3981 N-N	38	N/A	N/A	1922
N	N/A	3981 N-N	38	N/A	N/A	1923
N	N/A	3981 N-N	38	N/A	N/A	1934
N	N/A	3981 N-N	38	N/A	N/A	1940
N	N/A	3981 N-N	38	N/A	N/A	1942
N	N/A	3981 N-N	38	N/A	N/A	1948
N	N/A	3981 N-N	38	N/A	N/A	1948
N	N/A	3981 N-N	39	N/A	N/A	1957
N	N/A	3981 N-N	39	N/A	N/A	1969
N	N/A	3981 N-N	39	N/A	N/A	1977
N	N/A	3981 N-N	39	N/A	N/A	1978
N	N/A	3981 N-N	39	N/A	N/A	1985

N	N/A	3981 N-N	39	N/A	N/A	1991
N	N/A	3981 N-N	39	N/A	N/A	1992
N	N/A	3981 N-N	40	N/A	N/A	2004
N	N/A	3981 N-N	40	N/A	N/A	2014
N	N/A	3981 N-N	40	N/A	N/A	2015
N	N/A	3981 N-N	40	N/A	N/A	2024
N	N/A	3981 N-N	40	N/A	N/A	2033
N	N/A	3981 N-N	40	N/A	N/A	2034
N	N/A	3981 N-N	40	N/A	N/A	2039
N	N/A	3981 N-N	40	N/A	N/A	2048
N	N/A	3981 N-N	40	N/A	N/A	2048
N	N/A	3981 N-N	41	N/A	N/A	2056
N	N/A	3981 N-N	41	N/A	N/A	2068
N	N/A	3981 N-N	41	N/A	N/A	2069
N	N/A	3981 N-N	41	N/A	N/A	2074
N	N/A	3981 N-N	41	N/A	N/A	2085
N	N/A	3981 N-N	41	N/A	N/A	2087
N	N/A	3981 N-N	41	N/A	N/A	2091
N	N/A	3981 N-N	41	N/A	N/A	2098
N	N/A	3981 N-N	41	N/A	N/A	2098
N	N/A	3981 N-N	42	N/A	N/A	2105
N	N/A	3981 N-N	42	N/A	N/A	2121
N	N/A	3981 N-N	42	N/A	N/A	2123
N	N/A	3981 N-N	42	N/A	N/A	2125
N	N/A	3981 N-N	42	N/A	N/A	2138
N	N/A	3981 N-N	42	N/A	N/A	2139
N	N/A	3981 N-N	42	N/A	N/A	2141
N	N/A	3981 N-N	43	N/A	N/A	2159
N	N/A	3981 N-N	43	N/A	N/A	2161
N	N/A	3981 N-N	43	N/A	N/A	2162
N	N/A	3981 N-N	43	N/A	N/A	2177
N	N/A	3981 N-N	43	N/A	N/A	2178
N	N/A	3981 N-N	43	N/A	N/A	2179
N	N/A	3981 N-N	43	N/A	N/A	2193
N	N/A	3981 N-N	43	N/A	N/A	2194
N	N/A	3981 N-N	43	N/A	N/A	2198
N	N/A	3981 N-N	43	N/A	N/A	2198
N	N/A	3981 N-N	44	N/A	N/A	2220
N	N/A	3981 N-N	44	N/A	N/A	2222
N	N/A	3981 N-N	44	N/A	N/A	2235
N	N/A	3981 N-N	44	N/A	N/A	2237
N	N/A	3981 N-N	44	N/A	N/A	2238
N	N/A	3981 N-N	45	N/A	N/A	2255
N	N/A	3981 N-N	45	N/A	N/A	2257
N	N/A	3981 N-N	45	N/A	N/A	2259
N	N/A	3981 N-N	45	N/A	N/A	2272
N	N/A	3981 N-N	45	N/A	N/A	2276

N	N/A	3981 N-N	45	N/A	N/A	2276
N	N/A	3981 N-N	45	N/A	N/A	2288
N	N/A	3981 N-N	45	N/A	N/A	2289
N	N/A	3981 N-N	45	N/A	N/A	2291
N	N/A	3981 N-N	45	N/A	N/A	2298
N	N/A	3981 N-N	45	N/A	N/A	2298
N	N/A	3981 N-N	45	N/A	N/A	2298
N	N/A	3981 N-N	45	N/A	N/A	2273
N	N/A	3981 N-N	45	N/A	N/A	2273
N	N/A	3981 N-N	45	N/A	N/A	2273
N	N/A	3981 N-N	46	N/A	N/A	2298
N	N/A	3981 N-N	46	N/A	N/A	2306
N	N/A	3981 N-N	47	N/A	N/A	2364
N	N/A	3981 N-N	47	N/A	N/A	2384
N	N/A	3981 N-N	47	N/A	N/A	2380
N	N/A	3981 N-N	47	N/A	N/A	2387
N	N/A	3981 N-N	47	N/A	N/A	2390
N	N/A	3981 N-N	47	N/A	N/A	2392
N	N/A	3981 N-N	47	N/A	N/A	2393
N	N/A	3981 N-N	47	N/A	N/A	2393
N	N/A	3981 N-N	47	N/A	N/A	2395
N	N/A	3981 N-N	47	N/A	N/A	2393
N	N/A	3981 N-N	48	N/A	N/A	2409
N	N/A	3981 N-N	48	N/A	N/A	2410
N	N/A	3981 N-N	48	N/A	N/A	2420
N	N/A	3981 N-N	48	N/A	N/A	2429
N	N/A	3981 N-N	48	N/A	N/A	2431
N	N/A	3981 N-N	48	N/A	N/A	2437
N	N/A	3981 N-N	49	N/A	N/A	2457
N	N/A	3981 N-N	49	N/A	N/A	2459
N	N/A	3981 N-N	49	N/A	N/A	2465
N	N/A	3981 N-N	49	N/A	N/A	2477
N	N/A	3981 N-N	49	N/A	N/A	2479
N	N/A	3981 N-N	49	N/A	N/A	2483
N	N/A	3981 N-N	49	N/A	N/A	2490
N	N/A	3981 N-N	49	N/A	N/A	2491
N	N/A	3981 N-N	49	N/A	N/A	2495
N	N/A	3981 N-N	50	N/A	N/A	2514
N	N/A	3981 N-N	50	N/A	N/A	2516
N	N/A	3981 N-N	50	N/A	N/A	2516
N	N/A	3981 N-N	50	N/A	N/A	2519
N	N/A	3981 N-N	50	N/A	N/A	2531
N	N/A	3981 N-N	50	N/A	N/A	2533
N	N/A	3981 N-N	50	N/A	N/A	2535
N	N/A	3981 N-N	51	N/A	N/A	2557
N	N/A	3981 N-N	51	N/A	N/A	2559
N	N/A	3981 N-N	51	N/A	N/A	2578

N	N/A	3981 N-N	51	N/A	N/A	2579
N	N/A	3981 N-N	52	N/A	N/A	2603
N	N/A	3981 N-N	52	N/A	N/A	2604
N	N/A	3981 N-N	52	N/A	N/A	2605
N	N/A	3981 N-N	52	N/A	N/A	2625
N	N/A	3981 N-N	52	N/A	N/A	2627
N	N/A	3981 N-N	52	N/A	N/A	2640
N	N/A	3981 N-N	52	N/A	N/A	2642
N	N/A	3981 N-N	53	N/A	N/A	2663
N	N/A	3981 N-N	53	N/A	N/A	2666
N	N/A	3981 N-N	53	N/A	N/A	2682
N	N/A	3981 N-N	53	N/A	N/A	2684
N	N/A	3981 N-N	53	N/A	N/A	2687
N	N/A	3981 N-N	53	N/A	N/A	2697
N	N/A	3981 N-N	53	N/A	N/A	2698
N	N/A	3981 N-N	53	N/A	N/A	2698
N	N/A	3981 N-N	53	N/A	N/A	2698
N	N/A	3981 N-N	53	N/A	N/A	2698
N	N/A	3981 N-N	53	N/A	N/A	2698
N	N/A	3981 N-N	53	N/A	N/A	2673
N	N/A	3981 N-N	52	N/A	N/A	2648
N	N/A	3981 N-N	52	N/A	N/A	2648
N	N/A	3981 N-N	52	N/A	N/A	2648
N	N/A	3981 N-N	51	N/A	N/A	2585
N	N/A	3981 N-N	50	N/A	N/A	2548
N	N/A	3981 N-N	50	N/A	N/A	2548
N	N/A	3981 N-N	48	N/A	N/A	2448
N	N/A	3981 N-N	47	N/A	N/A	2398
N	N/A	3981 N-N	47	N/A	N/A	2393
N	N/A	3981 N-N	45	N/A	N/A	2280
N	N/A	3981 N-N	45	N/A	N/A	2273
N	N/A	3981 N-N	41	N/A	N/A	2098
N	N/A	3981 N-N	41	N/A	N/A	2073
N	N/A	3981 N-N	41	N/A	N/A	2073
N	N/A	3981 N-N	41	N/A	N/A	2073
N	N/A	3981 N-N	26	N/A	N/A	1348
N	N/A	3981 N-N	26	N/A	N/A	1348
N	N/A	3981 N-N	26	N/A	N/A	1323
N	N/A	3981 N-N	21	N/A	N/A	1048
N	N/A	3981 N-N	21	N/A	N/A	1048
N	N/A	3981 N-N	21	N/A	N/A	1048
N	N/A	3981 N-N	21	N/A	N/A	1048
N	N/A	3981 N-N	21	N/A	N/A	1048
N	N/A	3981 N-N	N/A	N/A	N/A	N/A
N	N/A	3981 N-N	N/A	N/A	N/A	N/A
N	N/A	3981 N-N	N/A	N/A	N/A	N/A
N	N/A	3981 N-N	N/A	N/A	N/A	N/A

N	N/A	3981	N/A	N/A	N/A	N/A	N/A
---	-----	------	-----	-----	-----	-----	-----