iHAB-5 Flight Data

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
23:26:04		41.024500	-92.408830	22	25	292	295	968	08.4V 30C HDOP01.1 SATS08								
23:26:36	32	41.025670	-92.411500	30	35	301	421	1381	08.4V 30C HDOP01.1 SATS08	236	236	3.93	3.93	774	774.36	12.91	12.91
23:26:53	17	41.026500	-92.413000	33	38	309	484	1589	08.4V 30C HDOP01.1 SATS08	224	334	3.73	5.57	734	754.25	12.24	12.57
23:27:09	16	41.027500	-92.414500	38	44	0	538	1765	08.4V 30C HDOP00.8 SATS10	201	304	3.35	5.06	660	722.81	11.00	12.05
23:27:42	33	41.029330	-92.417330	39	45	311	655	2149	08.4V 30C HDOP00.8 SATS10	213	164	3.55	2.73	698	716.66	11.64	11.94
23:27:59	17	41.030170	-92.419000	37	43	306	707	2320	08.4V 30C HDOP00.8 SATS10	184	291	3.07	4.85	604	694.04	10.06	11.57
23:28:15	16	41.031330	-92.420500	30	35	317	757	2485	08.4V 30C HDOP00.8 SATS10	189	289	3.14	4.82	619	681.48	10.31	11.36
23:28:31	16	41.032170	-92.421670	28	32	316	822	2698	08.3V 30C HDOP00.8 SATS10	243	282	4.06	4.71	799	698.23	13.31	11.64
23:28:47	16	41.033000	-92.422670	22	25	319	882	2893	08.3V 30C HDOP00.8 SATS10	223	275	3.72	4.58	731	702.37	12.19	11.71
23:28:57	10	41.033670	-92.423170	26	30	323	917	3009	08.3V 30C HDOP00.8 SATS10	212	415	3.54	6.91	696	701.64	11.60	11.69
23:29:02	5	41.033830	-92.423500	28	32	322	938	3076	08.3V 30C HDOP00.8 SATS10	245	771	4.08	12.85	804	711.87	13.40	11.86
23:29:07	5	41.034170	-92.423670	31	36	319	945	3101	08.3V 30C HDOP00.8 SATS10	91	709	1.52	11.82	300	674.43	5.00	11.24
23:29:12	5	41.034500	-92.424000	31	36	311	977	3205	08.3V 30C HDOP00.8 SATS10	380	682	6.34	11.36	1248	722.23	20.80	12.04
23:29:19	7	41.034830	-92.424670	34	39	0	1017	3337	08.3V 30C HDOP00.8 SATS10	345	476	5.75	7.93	1132	753.72	18.86	12.56
23:29:26	7	41.035330	-92.425170	39	45	314	1034	3393	08.3V 30C HDOP00.8 SATS10	146	453	2.44	7.54	480	734.17	8.00	12.24
23:29:33	7	41.035830	-92.425830	39	45	316	1075	3527	08.3V 30C HDOP00.8 SATS10	350	446	5.83	7.43	1148	761.79	19.14	12.70
23:29:38	5	41.036000	-92.426170	35	40	311	1083	3552	08.3V 30C HDOP00.8 SATS10	91	591	1.52	9.85	300	732.93	5.00	12.22
23:29:45	7	41.036500	-92.427000	41	47	316	1130	3708	08.3V 30C HDOP00.8 SATS10	408	421	6.79	7.02	1337	768.47	22.29	12.81
23:29:52	7	41.037000	-92.427500	41	47	320	1155	3788	08.3V 30C HDOP00.8 SATS10	209	409	3.48	6.82	686	763.87	11.43	12.73
23:30:11	19	41.038330	-92.429670	46	53	304	1216	3990	08.3V 30C HDOP00.8 SATS10	194	153	3.24	2.55	638	757.24	10.63	12.62
23:30:16	5	41.038670	-92.430170	41	47	0	1236	4055	08.3V 30C HDOP00.8 SATS10	238	565	3.96	9.41	780	758.37	13.00	12.64
23:30:23	7	41.039000	-92.431000	48	55	301	1252	4106	08.3V 30C HDOP00.9 SATS09	133	390	2.22	6.51	437	743.08	7.29	12.38
23:30:30	7	41.039500	-92.432000	44	51	303	1287	4224	08.3V 30C HDOP00.8 SATS10	308	387	5.14	6.44	1012	755.29	16.86	12.59
23:30:38	8	41.039830	-92.432830	43	49	302	1311	4301	08.3V 30C HDOP00.8 SATS10	176	331	2.93	5.52	577	747.55	9.62	12.46
23:30:44	6	41.040330	-92.433670	44	51	301	1335	4379	08.3V 30C HDOP00.9 SATS09	238	433	3.96	7.22	780	748.91	13.00	12.48
23:30:52	8	41.040670	-92.434670	43	49	302	1362	4469	08.3V 30C HDOP00.9 SATS09	206	320	3.43	5.34	675	745.95	11.25	12.43
23:30:57	5	41.041000	-92.435330	46	53	304	1376	4515	08.3V 30C HDOP00.9 SATS09	168	499	2.80	8.32	552	738.49	9.20	12.31
23:31:03	6	41.041330	-92.436000	41	47	303	1393	4570	08.3V 30C HDOP00.8 SATS10	168	407	2.80	6.78	550	731.51	9.17	12.19
23:31:08	5	41.041670	-92.436500	41	47	307	1399	4590	08.3V 30C HDOP00.8 SATS10	73	473	1.22	7.89	240	713.95	4.00	11.90
23:31:16	8	41.042170	-92.437330	43	49	309	1430	4690	08.3V 30C HDOP00.8 SATS10	229	293	3.81	4.89	750	715.19	12.50	11.92
23:31:21	5	41.042670	-92.438170	39	45	308	1450	4756	08.3V 30C HDOP00.8 SATS10	241	462	4.02	7.70	792	717.76	13.20	11.96
23:31:42	21	41.044000	-92.440170	35	40	309	1521	4991	08.3V 30C HDOP00.8 SATS10	205	113	3.41	1.88	671	716.26	11.19	11.94
23:31:47	5	41.044330	-92.440670	31	36	315	1537	5044	08.3V 30C HDOP00.8 SATS10	194	466	3.23	7.76	636	713.75	10.60	11.90
23:31:52	5	41.044670	-92.441000	35	40	316	1543	5061	08.3V 30C HDOP00.8 SATS10	62	454	1.04	7.56	204	698.30	3.40	11.64
23:32:01	9	41.045330	-92.441830	39	45	319	1582	5190	08.3V 30C HDOP00.9 SATS09	262	252	4.37	4.21	860	703.06	14.33	11.72
23:32:06	5	41.045670	-92.442330	35	40	317	1597	5239	08.3V 30C HDOP00.8 SATS10	179	446	2.99	7.44	588	699.78	9.80	11.66
23:32:13	7	41.046170	-92.442830	37	43	318	1618	5310	08.3V 30C HDOP00.8 SATS10	185	315	3.09	5.25	609	697.24	10.14	11.62
23:32:18	5	41.046500	-92.443330	40	46	0	1636	5366	08.3V 30C HDOP00.8 SATS10	205	435	3.41	7.25	672	696.56	11.20	11.61
23:32:27	9	41.047170	-92.444000	35	40	322	1662	5454	08.3V 30C HDOP00.8 SATS10	179	240	2.98	4.00	587	693.67	9.78	11.56
23:32:33	6	41.047500	-92.444500	37	43	324	1681	5514	08.3V 30C HDOP00.8 SATS10	183	355	3.05	5.92	600	691.27	10.00	11.52
23:32:38	5	41.047830	-92.444670	39	45	321	1688	5539	08.3V 30C HDOP00.8 SATS10	91	418	1.52	6.97	300	681.49	5.00	11.36
23:32:45	7	41.048500	-92.445330	35	40	322	1723	5653	08.3V 30C HDOP00.8 SATS10	298	299	4.96	4.98	977	688.69	16.28	11.48
23:32:50	5	41.048830	-92.445670	33	38	0	1741	5712	08.3V 30C HDOP00.8 SATS10	216	413	3.60	6.89	708	689.16	11.80	11.49
23:32:59	9	41.049500	-92.446170	37	43	327	1775	5824	08.3V 30C HDOP00.8 SATS10	228	229	3.79	3.82	747	690.50	12.45	11.51
23:33:04	5	41.049830	-92.446500	31	36	329	1794	5887	08.3V 30C HDOP00.8 SATS10	230	409	3.84	6.82	756	691.98	12.60	11.53
23:33:11	7	41.050330	-92.446830	33	38	331	1817	5961	08.3V 30C HDOP00.8 SATS10	193	290	3.22	4.83	634	690.70	10.57	11.51
23:33:16	5	41.050830	-92.447170	39	45	332	1836	6023	08.3V 30C HDOP00.8 SATS10	227	402	3.78	6.70	744	691.86	12.40	11.53
23:33:23	7	41.051330	-92.447670	36	41	0	1861	6105	08.3V 30C HDOP00.8 SATS10	214	286	3.57	4.76	703	692.09	11.71	11.53
23:33:30	7	41.051830	-92.448000	31	36	325	1886	6187	08.3V 30C HDOP00.8 SATS10	214	284	3.57	4.73	703	692.32	11.72	11.54
23:33:35	5	41.052170	-92.448330	33	38	328	1903	6243	08.3V 30C HDOP00.8 SATS10	205	394	3.41	6.56	672	691.91	11.20	11.53
23:33:40	5	41.052500	-92.448500	35	40	330	1909	6264	08.3V 30C HDOP00.8 SATS10	77	387	1.28	6.46	252	683.11	4.20	11.39
23:33:47	7	41.053000	-92.449000	35	40	326	1940	6366	08.3V 30C HDOP00.9 SATS09	266	277	4.44	4.61	874	686.86	14.57	11.45
23:33:54	7	41.053500	-92.449500	35	40	326	1964	6442	08.3V 28C HDOP00.8 SATS10	199	275	3.31	4.58	651	686.17	10.85	11.44
23:34:15	21	41.055000	-92.451000	31	36	321	2048	6718	08.3V 28C HDOP00.8 SATS10	240	94	4.01	1.57	789	688.10	13.14	11.47
23:34:22	7	41.055500	-92.451500	31	36	318	2072	6799	08.3V 28C HDOP00.8 SATS10	212	282	3.53	4.70	694	688.22	11.57	11.47
23:34:29	7	41.055830	-92.452000	30	35	318	2098	6883	08.3V 28C HDOP00.9 SATS09	219	281	3.66	4.68	720	688.80	12.00	11.48
23:34:34	5	41.056170	-92.452330	33	38	323	2116	6941	08.3V 28C HDOP00.8 SATS10	212	390	3.54	6.50	696	688.93	11.60	11.48
23:34:43	9	41.056670	-92.452670	28	32	320	2139	7019	08.3V 28C HDOP00.8 SATS10	158	216	2.64	3.60	520	685.96	8.67	11.43
23:34:53	10	41.057330	-92.453500	30	35	321	2174	7134	08.3V 28C HDOP00.8 SATS10	210	194	3.51	3.24	690	686.03	11.50	11.43
23:35:01	8	41.057830	-92.453830	30	35	324	2201	7221	08.3V 28C HDOP00.8 SATS10	199	242	3.32	4.04	653	685.46	10.88	11.42
23:35:07	6	41.058170	-92.454330	24	28	317	2230	7316	08.3V 28C HDOP00.8 SATS10	290	322	4.83	5.37	950	689.87	15.84	11.50
23:35:12	5	41.058330	-92.454670	30	35	315	2249	7377	08.3V 28C HDOP00.9 SATS09	223	384	3.72	6.40	732	690.56	12.20	11.51
23:35:20	8	41.058670	-92.455170	26	30	312	2275	7465	08.3V 28C HDOP00.8 SATS10	201	240	3.35	3.99	660	690.07	11.00	11.50

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
23:35:25	5	41.059000	-92.455500	19	22	310	2302	7551	08.3V 28C HDOP00.9 SATS10	315	382	5.24	6.37	1032	695.49	17.20	11.59
23:35:32	7	41.059170	-92.455830	31	36	315	2319	7608	08.3V 28C HDOP00.9 SATS10	149	271	2.48	4.52	489	692.26	8.15	11.54
23:35:41	9	41.059670	-92.456500	24	28	308	2352	7718	08.3V 28C HDOP00.9 SATS09	224	211	3.73	3.52	733	692.90	12.22	11.55
23:35:51	10	41.060000	-92.457000	26	30	315	2388	7833	08.3V 28C HDOP00.9 SATS10	210	190	3.51	3.17	690	692.85	11.50	11.55
23:35:58	7	41.060330	-92.457500	28	32	321	2409	7902	08.3V 28C HDOP00.9 SATS10	180	270	3.00	4.51	591	691.34	9.86	11.52
23:36:09	11	41.061000	-92.458170	26	30	320	2446	8024	08.3V 28C HDOP00.9 SATS09	203	173	3.38	2.88	666	690.96	11.09	11.52
23:36:14	5	41.061170	-92.458330	17	20	0	2461	8075	08.3V 28C HDOP00.9 SATS10	186	377	3.11	6.28	612	689.81	10.20	11.50
23:36:20	6	41.061500	-92.458670	24	28	327	2472	8110	08.3V 28C HDOP01.0 SATS08	107	311	1.78	5.18	350	684.96	5.83	11.42
23:36:25	5	41.061670	-92.459000	24	28	318	2485	8153	08.3V 28C HDOP00.9 SATS10	157	370	2.62	6.17	516	682.57	8.60	11.38
23:36:30	5	41.062000	-92.459170	24	28	323	2502	8209	08.3V 28C HDOP00.9 SATS10	205	368	3.41	6.13	672	682.43	11.20	11.37
23:36:35	5	41.062170	-92.459500	22	25	320	2509	8230	08.3V 28C HDOP00.9 SATS10	77	364	1.28	6.06	252	676.53	4.20	11.28
23:36:40	5	41.062500	-92.459670	26	30	321	2532	8306	08.3V 28C HDOP00.9 SATS10	278	363	4.63	6.04	912	679.72	15.20	11.33
23:36:56	16	41.063170	-92.460500	20	23	319	2584	8477	08.3V 28C HDOP00.9 SATS10	195	114	3.26	1.91	641	679.20	10.69	11.32
23:37:03	7	41.063500	-92.460830	22	25	321	2608	8557	08.3V 28C HDOP00.9 SATS10	209	261	3.48	4.35	686	679.29	11.43	11.32
23:37:10	7	41.063830	-92.461170	20	23	321	2630	8627	08.3V 28C HDOP00.9 SATS10	183	260	3.05	4.33	600	678.26	10.00	11.30
23:37:15	5	41.064170	-92.461500	26	30	325	2653	8705	08.3V 28C HDOP00.9 SATS10	285	363	4.75	6.05	936	681.56	15.60	11.36
23:37:22	7	41.064500	-92.461830	26	30	325	2677	8783	08.3V 28C HDOP00.9 SATS10	204	258	3.40	4.31	669	681.40	11.15	11.36
23:37:32	10	41.065000	-92.462170	17	20	335	2708	8885	08.3V 28C HDOP00.9 SATS09	187	181	3.11	3.02	612	680.53	10.20	11.34
23:37:41	9	41.065330	-92.462330	20	23	335	2724	8938	08.3V 28C HDOP00.9 SATS10	108	200	1.79	3.33	353	676.49	5.89	11.27
23:37:57	16	41.066170	-92.462670	15	17	345	2790	9155	08.3V 28C HDOP00.9 SATS10	248	114	4.13	1.90	814	678.16	13.56	11.30
23:38:05	8	41.066330	-92.462670	13	15	349	2809	9216	08.3V 28C HDOP00.9 SATS10	139	227	2.32	3.79	458	675.51	7.63	11.26
23:38:10	5	41.066670	-92.462670	15	17	354	2832	9290	08.3V 28C HDOP00.9 SATS10	271	362	4.51	6.04	888	678.03	14.80	11.30
23:38:23	13	41.067000	-92.462670	13	15	0	2851	9355	08.3V 28C HDOP00.9 SATS09	91	139	1.52	2.31	300	673.59	5.00	11.23
23:38:43	20	41.067830	-92.462500	13	15	13	2938	9638	08.3V 28C HDOP00.9 SATS09	259	92	4.31	1.54	849	675.63	14.15	11.26
23:38:50	7	41.068170	-92.462330	13	15	21	2961	9716	08.3V 28C HDOP00.9 SATS09	204	263	3.40	4.38	669	675.55	11.15	11.26
23:38:59	9	41.068330	-92.462170	13	15	17	2978	9769	08.3V 28C HDOP00.9 SATS09	108	203	1.79	3.39	353	671.88	5.89	11.20
23:39:04	5	41.068500	-92.462170	11	13	32	3000	9841	08.3V 28C HDOP00.9 SATS09	263	365	4.39	6.08	864	674.05	14.40	11.23
23:39:11	7	41.068830	-92.462000	15	17	33	3021	9912	08.3V 28C HDOP00.9 SATS10	185	260	3.09	4.33	609	673.32	10.14	11.22
23:39:27	16	41.069170	-92.461500	15	17	43	3085	10122	08.3V 28C HDOP00.9 SATS09	240	115	4.00	1.92	788	674.57	13.13	11.24
23:39:35	8	41.069330	-92.461170	15	17	53	3110	10202	08.3V 28C HDOP00.9 SATS10	183	229	3.05	3.82	600	673.76	10.00	11.23
23:39:53	18	41.069670	-92.460500	17	20	60	3162	10373	08.3V 28C HDOP00.9 SATS10	174	103	2.90	1.71	570	672.65	9.50	11.21
23:39:58	5	41.069670	-92.460330	10	12	0	3179	10430	08.3V 28C HDOP00.9 SATS10	208	368	3.47	6.14	684	672.76	11.40	11.21
23:40:03	5	41.069830	-92.460000	17	20	81	3192	10471	08.3V 28C HDOP00.9 SATS10	150	366	2.50	6.10	492	670.86	8.20	11.18
23:40:10	7	41.069830	-92.459830	15	17	85	3208	10526	08.3V 26C HDOP01.1 SATS08	144	260	2.39	4.34	471	668.78	7.86	11.15
23:40:17	7	41.069830	-92.459330	17	20	91	3237	10620	08.3V 26C HDOP01.1 SATS08	246	260	4.09	4.33	806	670.20	13.43	11.17
23:40:23	6	41.069670	-92.458830	26	30	102	3259	10691	08.3V 28C HDOP00.9 SATS10	216	302	3.61	5.04	710	670.60	11.83	11.18
23:40:40	17	41.069330	-92.457330	28	32	107	3313	10868	08.3V 26C HDOP00.9 SATS10	190	108	3.17	1.79	625	670.14	10.41	11.17
23:40:48	8	41.069330	-92.456670	26	30	103	3336	10945	08.3V 26C HDOP00.9 SATS10	176	228	2.93	3.80	578	669.21	9.63	11.15
23:40:54	6	41.069170	-92.456000	24	28	102	3356	11009	08.3V 26C HDOP00.9 SATS10	195	303	3.25	5.05	640	668.92	10.66	11.15
23:40:59	5	41.069170	-92.455500	28	32	97	3373	11066	08.3V 26C HDOP00.9 SATS09	209	362	3.48	6.04	684	669.07	11.40	11.15
23:41:06	7	41.069000	-92.454830	28	32	102	3393	11131	08.3V 26C HDOP00.9 SATS10	170	258	2.83	4.30	557	667.99	9.28	11.13
23:41:25	19	41.068830	-92.453170	31	36	97	3448	11311	08.3V 26C HDOP00.9 SATS09	173	96	2.89	1.60	568	667.03	9.47	11.12
23:41:32	7	41.068830	-92.452330	31	36	98	3468	11379	08.3V 26C HDOP00.9 SATS10	178	259	2.96	4.32	583	666.23	9.72	11.10
23:41:52	20	41.068500	-92.450500	35	40	103	3523	11557	08.3V 26C HDOP00.9 SATS10	163	91	2.71	1.52	534	664.98	8.90	11.08
23:41:58	6	41.068330	-92.449500	37	43	104	3542	11621	08.3V 26C HDOP00.9 SATS10	195	303	3.25	5.06	640	664.75	10.67	11.08
23:42:05	7	41.068170	-92.448670	35	40	102	3559	11678	08.3V 26C HDOP00.9 SATS10	149	259	2.48	4.32	488	663.12	8.14	11.05
23:42:10	5	41.068170	-92.448000	39	45	102	3574	11727	08.3V 26C HDOP00.9 SATS09	179	361	2.99	6.02	588	662.43	9.80	11.04
23:42:20	10	41.068000	-92.446670	43	49	101	3604	11823	08.3V 26C HDOP00.9 SATS10	176	180	2.93	3.01	576	661.64	9.60	11.03
23:42:27	7	41.067830	-92.446000	39	45	100	3614	11858	08.3V 26C HDOP00.9 SATS10	91	256	1.52	4.27	300	658.38	5.00	10.97
23:42:32	5	41.067670	-92.445000	44	51	97	3632	11917	08.3V 26C HDOP00.9 SATS10	216	358	3.60	5.96	708	658.83	11.80	10.98
23:42:39	7	41.067670	-92.444170	43	49	98	3644	11957	08.3V 26C HDOP00.9 SATS09	104	254	1.74	4.23	343	656.03	5.71	10.93
23:42:47	8	41.067500	-92.442670	44	51	93	3662	12016	08.3V 26C HDOP00.9 SATS09	135	222	2.25	3.69	443	654.16	7.38	10.90
23:42:55	8	41.067500	-92.441670	43	49	94	3695	12123	08.3V 26C HDOP00.9 SATS10	245	222	4.08	3.70	802	655.45	13.37	10.92
23:43:02	7	41.067500	-92.440670	43	49	93	3714	12184	08.3V 26C HDOP01.0 SATS08	159	253	2.66	4.21	523	654.30	8.71	10.91
23:43:08	6	41.067330	-92.439500	44	51	92	3734	12250	08.3V 26C HDOP00.9 SATS10	201	294	3.35	4.90	660	654.35	11.00	10.91
23:43:13	5	41.067330	-92.438830	43	49	92	3747	12292	08.3V 26C HDOP00.9 SATS10	154	351	2.56	5.85	504	653.08	8.40	10.88
23:43:27	14	41.067330	-92.436670	43	49	92	3792	12442	08.3V 26C HDOP00.9 SATS09	196	126	3.27	2.10	643	652.99	10.71	10.88
23:43:32	5	41.067170	-92.436000	46	53	96	3797	12458	08.3V 26C HDOP00.9 SATS10	59	350	0.98	5.84	192	649.15	3.20	10.82
23:43:37	5	41.067170	-92.435170	48	55	98	3816	12520	08.3V 26C HDOP00.9 SATS09	227	349	3.78	5.82	744	649.94	12.40	10.83
23:43:43	6	41.067000	-92.434170	46	53	94	3835	12582	08.3V 26C HDOP00.9 SATS10	189	290	3.15	4.84	620	649.69	10.33	10.83
23:43:48	5	41.067000	-92.433330	51	59	0	3856	12650	08.3V 26C HDOP00.9 SATS10	249	347	4.15	5.79	816	651.04	13.60	10.85
23:43:58	10	41.066830	-92.432500	48	55	99	3865	12681	08.3V 26C HDOP00.9 SATS10	57	173	0.95	2.88	186	647.29	3.10	10.79
23:44:06	8	41.066670	-92.430830	43	49	98	3899	12791	08.3V 26C HDOP00.9 SATS10	251	216	4.19	3.60	825	648.71	13.75	10.81
23:44:13	7	41.066670	-92.429670	44	51	99	3913	12838	08.3V 26C HDOP00.9 SATS10	123	246	2.05	4.10	403	646.76	6.71	10.78
23:44:32	19	41.066330	-92.426830	44	51	99	3950	12959	08.3V 26C HDOP00.9 SATS10	116	91	1.94	1.51	382	644.68	6.37	10.74
23:44:39	7	41.066170	-92.425670	46	53	98	3962	12998	08.3V 26C HDOP00.9 SATS10	102	246	1.70	4.09	334	642.25	5.57	10.70
23:44:46	7	41.066000	-92.424670	44	51	100	3975	13040	08.3V 26C HDOP00.9 SATS10	110	244	1.83	4.07	360	640.07	6.00	10.67
23:44:51	5	41.066000	-92.423830	46	53	100	3982	13064	08.3V 26C HDOP00.9 SATS10	88	340	1.46	5.67	288	637.36	4.80	10.62
23:44:58	7	41.065830	-92.422830	46	53	97	3995	13106	08.3V 26C HDOP00.9 SATS09	110	242	1.83	4.03	360	635.24	6.00	10.59

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
23:45:04	6	41.065830	-92.422000	44	51	97	4006	13143	08.3V 26C HDOP00.9 SATS09	113	281	1.88	4.69	370	633.23	6.17	10.55
23:45:11	7	41.065670	-92.420830	44	51	99	4018	13184	08.3V 26C HDOP00.9 SATS09	107	240	1.78	4.00	351	631.11	5.85	10.52
23:45:30	19	41.065330	-92.418000	44	51	97	4049	13285	08.3V 26C HDOP00.9 SATS10	97	88	1.62	1.47	319	628.78	5.32	10.48
23:45:37	7	41.065330	-92.417000	44	51	97	4061	13322	08.3V 26C HDOP00.9 SATS10	97	239	1.61	3.98	317	626.47	5.29	10.44
23:45:44	7	41.065170	-92.415830	44	51	96	4072	13360	08.3V 24C HDOP00.9 SATS10	99	238	1.65	3.97	326	624.26	5.43	10.40
23:45:51	7	41.065000	-92.414830	44	51	98	4085	13401	08.3V 24C HDOP00.9 SATS10	107	237	1.78	3.95	351	622.27	5.85	10.37
23:45:56	5	41.065000	-92.414000	44	51	96	4094	13431	08.3V 24C HDOP00.9 SATS10	110	330	1.83	5.51	360	620.37	6.00	10.34
23:46:08	12	41.064830	-92.412500	43	49	99	4109	13482	08.3V 24C HDOP00.9 SATS10	78	137	1.30	2.29	255	617.74	4.25	10.30
23:46:15	7	41.064670	-92.411170	44	51	100	4122	13525	08.3V 24C HDOP00.9 SATS10	112	234	1.87	3.91	369	615.96	6.14	10.27
23:46:20	5	41.064500	-92.410500	43	49	100	4126	13536	08.3V 24C HDOP00.9 SATS09	40	326	0.67	5.43	132	612.53	2.20	10.21
23:46:27	7	41.064330	-92.409500	43	49	101	4143	13594	08.3V 24C HDOP00.9 SATS09	152	232	2.53	3.87	497	611.72	8.29	10.20
23:46:34	7	41.064170	-92.408500	44	51	103	4161	13653	08.3V 24C HDOP00.9 SATS09	154	232	2.57	3.86	506	610.98	8.43	10.18
23:46:39	5	41.064000	-92.407830	41	47	101	4169	13677	08.3V 24C HDOP01.1 SATS08	88	323	1.46	5.38	288	608.73	4.80	10.15
23:46:46	7	41.063830	-92.406830	39	45	104	4179	13712	08.3V 24C HDOP00.9 SATS09	91	230	1.52	3.83	300	606.60	5.00	10.11
23:46:58	12	41.063500	-92.405330	41	47	105	4198	13774	08.3V 24C HDOP00.9 SATS09	94	134	1.57	2.23	310	604.57	5.17	10.08
23:47:06	8	41.063330	-92.404170	41	47	104	4211	13816	08.3V 24C HDOP00.9 SATS10	96	200	1.60	3.33	315	602.60	5.25	10.04
23:47:18	12	41.063000	-92.402500	39	45	104	4237	13900	08.3V 24C HDOP00.9 SATS09	128	133	2.13	2.22	420	601.37	7.00	10.02
23:47:23	5	41.062830	-92.402000	39	45	106	4239	13909	08.3V 24C HDOP00.9 SATS09	33	318	0.55	5.29	108	598.06	1.80	9.97
23:47:28	5	41.062830	-92.401330	41	47	106	4257	13967	08.3V 24C HDOP00.9 SATS09	212	317	3.54	5.28	696	598.71	11.60	9.98
23:47:34	6	41.062670	-92.400500	41	47	105	4269	14006	08.2V 24C HDOP00.9 SATS10	119	263	1.98	4.39	390	597.33	6.50	9.96
23:47:40	6	41.062500	-92.400000	37	43	106	4281	14046	08.3V 24C HDOP00.9 SATS10	122	262	2.03	4.37	400	596.03	6.67	9.93
23:47:46	6	41.062330	-92.399000	41	47	105	4293	14084	08.3V 24C HDOP01.1 SATS08	116	261	1.93	4.35	380	594.62	6.33	9.91
23:48:02	16	41.061830	-92.397000	37	43	104	4313	14149	08.2V 24C HDOP00.9 SATS09	74	98	1.24	1.63	244	592.34	4.06	9.87
23:48:08	6	41.061830	-92.396330	34	39	0	4323	14182	08.3V 24C HDOP00.9 SATS09	101	260	1.68	4.33	330	590.65	5.50	9.84
23:48:15	7	41.061670	-92.395670	37	43	105	4331	14209	08.3V 24C HDOP01.1 SATS08	71	222	1.18	3.70	231	588.34	3.86	9.81
23:48:22	7	41.061330	-92.394670	35	40	105	4345	14255	08.3V 24C HDOP00.9 SATS09	120	221	2.00	3.69	394	587.11	6.57	9.79
23:48:30	8	41.061170	-92.393830	37	43	106	4357	14295	08.3V 24C HDOP00.9 SATS09	91	193	1.52	3.21	300	585.29	5.00	9.75
23:48:37	7	41.061000	-92.393000	33	38	107	4368	14331	08.2V 24C HDOP00.9 SATS09	94	220	1.57	3.66	308	583.55	5.14	9.73
23:48:43	6	41.060830	-92.392330	41	47	106	4373	14348	08.3V 24C HDOP00.9 SATS09	52	255	0.86	4.25	170	580.97	2.83	9.68
23:49:01	18	41.060330	-92.390170	37	43	107	4399	14432	08.2V 24C HDOP00.9 SATS09	85	85	1.42	1.42	280	579.10	4.67	9.65
23:49:08	7	41.060170	-92.389330	37	43	106	4411	14471	08.2V 24C HDOP01.1 SATS08	102	218	1.70	3.63	334	577.59	5.57	9.63
23:49:15	7	41.060000	-92.388500	35	40	105	4423	14512	08.2V 24C HDOP01.1 SATS08	107	217	1.79	3.62	352	576.20	5.86	9.60
23:49:20	5	41.059830	-92.388000	35	40	107	4432	14541	08.2V 24C HDOP00.9 SATS09	106	303	1.77	5.05	348	574.81	5.80	9.58
23:49:27	7	41.059670	-92.387170	33	38	105	4446	14586	08.2V	118	216	1.96	3.59	386	573.66	6.43	9.56
23:49:35	8	41.059500	-92.386330	30	35	105	4459	14629	08.2V 24C HDOP01.0 SATS08	98	188	1.64	3.14	323	572.15	5.38	9.54
23:49:40	5	41.059330	-92.385830	31	36	106	4468	14659	08.2V 24C HDOP00.9 SATS09	110	300	1.83	5.00	360	570.88	6.00	9.51
23:49:47	7	41.059170	-92.385000	35	40	107	4483	14707	08.2V 24C HDOP00.9 SATS09	125	214	2.09	3.56	411	569.93	6.86	9.50
23:50:06	19	41.058670	-92.383000	35	40	107	4515	14814	08.2V 24C HDOP00.9 SATS09	103	79	1.72	1.31	338	568.55	5.63	9.48
23:50:13	7	41.058500	-92.382170	37	43	0	4529	14858	08.2V 24C HDOP01.0 SATS08	115	213	1.92	3.56	377	567.43	6.29	9.46
23:50:18	5	41.058500	-92.381670	31	36	104	4535	14878	08.2V 24C HDOP00.9 SATS09	73	298	1.22	4.96	240	565.51	4.00	9.43
23:50:25	7	41.058330	-92.380830	31	36	106	4547	14917	08.2V 24C HDOP00.9 SATS09	102	212	1.70	3.53	334	564.17	5.57	9.40
23:50:34	9	41.058000	-92.379830	35	40	110	4560	14959	08.2V 24C HDOP00.9 SATS09	85	164	1.42	2.74	280	562.53	4.67	9.38
23:50:42	8	41.057670	-92.378830	35	40	108	4572	15001	08.2V 24C HDOP00.9 SATS09	96	184	1.60	3.07	315	561.10	5.25	9.35
23:50:50	8	41.057500	-92.378170	26	30	0	4585	15042	08.2V 24C HDOP00.9 SATS09	94	184	1.56	3.06	308	559.65	5.13	9.33
23:50:55	5	41.057330	-92.377500	35	40	112	4595	15074	08.2V 24C HDOP00.9 SATS09	117	293	1.95	4.89	384	558.66	6.40	9.31
23:51:02	7	41.057000	-92.376670	37	43	114	4606	15111	08.2V 24C HDOP01.0 SATS08	97	209	1.61	3.48	317	557.29	5.28	9.29
23:51:10	8	41.056670	-92.375830	33	38	114	4619	15154	08.2V 22C HDOP00.9 SATS09	98	182	1.64	3.04	323	555.97	5.38	9.27
23:51:17	7	41.056500	-92.375170	33	38	115	4630	15191	08.2V 22C HDOP00.9 SATS09	97	208	1.61	3.46	317	554.64	5.29	9.24
23:51:24	7	41.056170	-92.374330	33	38	118	4644	15236	08.2V 22C HDOP01.1 SATS08	118	207	1.96	3.45	386	553.70	6.43	9.23
23:51:29	5	41.056000	-92.373830	33	38	118	4651	15260	08.2V 22C HDOP01.0 SATS08	88	289	1.46	4.81	288	552.23	4.80	9.20
23:51:38	9	41.055500	-92.372830	40	46	0	4665	15304	08.2V 22C HDOP00.9 SATS09	89	160	1.49	2.67	293	550.81	4.89	9.18
23:51:46	8	41.055330	-92.372000	37	43	117	4678	15349	08.2V 22C HDOP01.0 SATS08	103	180	1.72	2.99	338	549.65	5.63	9.16
23:51:53	7	41.054830	-92.371170	39	45	120	4690	15388	08.2V 22C HDOP00.9 SATS09	102	205	1.70	3.41	334	548.47	5.57	9.14
23:51:58	5	41.054670	-92.370670	37	43	117	4697	15410	08.2V 22C HDOP00.9 SATS09	81	286	1.34	4.76	264	546.94	4.40	9.12
23:52:03	5	41.054500	-92.370170	33	38	0	4707	15442	08.2V 22C HDOP00.9 SATS09	117	285	1.95	4.74	384	546.06	6.40	9.10
23:52:09	6	41.054170	-92.369500	35	40	118	4714	15465	08.2V 22C HDOP00.9 SATS09	70	236	1.17	3.94	230	544.37	3.83	9.07
23:52:14	5	41.053830	-92.368830	49	56	0	4726	15506	08.2V 22C HDOP00.9 SATS09	150	283	2.50	4.71	492	544.09	8.20	9.07
23:52:19	5	41.053670	-92.368330	37	43	115	4735	15534	08.2V 22C HDOP01.0 SATS08	102	282	1.71	4.70	336	542.99	5.60	9.05
23:52:25	6	41.053500	-92.367830	39	45	120	4743	15562	08.2V 22C HDOP00.9 SATS09	85	234	1.42	3.90	280	541.61	4.67	9.03
23:52:40	15	41.052670	-92.366000	37	43	119	4763	15625	08.2V 22C HDOP00.8 SATS10	77	94	1.28	1.56	252	540.09	4.20	9.00
23:52:47	7	41.052330	-92.365330	37	43	119	4769	15645	08.2V 22C HDOP00.8 SATS10	52	200	0.87	3.33	172	538.17	2.86	8.97
23:52:57	10	41.051830	-92.364170	39	45	118	4791	15718	08.2V 22C HDOP00.8 SATS10	134	140	2.23	2.33	438	537.65	7.30	8.96
23:53:05	8	41.051500	-92.363170	37	43	118	4803	15759	08.2V 22C HDOP00.8 SATS10	94	174	1.56	2.90	307	536.46	5.12	8.94
23:53:12	7	41.051170	-92.362330	41	47	0	4816	15800	08.2V 22C HDOP00.8 SATS10	107	199	1.79	3.31	352	535.52	5.86	8.93
23:53:21	9	41.050830	-92.361330	35	40	112	4828	15840	08.2V 22C HDOP00.9 SATS09	81	154	1.35	2.57	267	534.14	4.44	8.90
23:53:29	8	41.050670	-92.360500	37	43	111	4839	15877	08.2V 22C HDOP00.9 SATS09	85	173	1.41	2.88	278	532.84	4.63	8.88
23:53:36	7	41.050330	-92.359670	37	43	107	4852	15917	08.2V 22C HDOP00.9 SATS09	104	197	1.74	3.29	343	531.88	5.71	8.86
23:53:41	5	41.050330	-92.359000	40	46	0	4859	15942	08.2V 22C HDOP00.8 SATS10	91	275	1.52	4.59	300	530.72	5.00	8.85
23:53:46	5	41.050170	-92.358500	33	38	0	4867	15967	08.2V 22C HDOP00.9 SATS09	91	274	1.52	4.57	300	529.56	5.00	8.83

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
23:53:52	6	41.050000	-92.357830	37	43	106	4874	15990	08.2V 22C HDOP00.9 SATS10	70	228	1.17	3.80	230	528.07	3.83	8.80
23:53:57	5	41.049830	-92.357170	35	40	107	4888	16038	08.2V 22C HDOP00.9 SATS10	176	273	2.93	4.55	576	528.31	9.60	8.81
23:54:02	5	41.049670	-92.356500	37	43	104	4898	16071	08.2V 22C HDOP00.9 SATS09	121	272	2.01	4.54	396	527.66	6.60	8.79
23:54:07	5	41.049500	-92.356000	37	43	103	4908	16103	08.2V 22C HDOP01.0 SATS08	117	271	1.95	4.52	384	526.95	6.40	8.78
23:54:12	5	41.049500	-92.355330	39	45	104	4918	16135	08.2V 22C HDOP00.9 SATS09	117	271	1.95	4.51	384	526.26	6.40	8.77
23:54:19	7	41.049330	-92.354500	39	45	102	4929	16172	08.2V 22C HDOP00.8 SATS11	97	193	1.61	3.21	317	525.24	5.29	8.75
23:54:26	7	41.049170	-92.353670	39	45	100	4936	16194	08.2V 22C HDOP00.8 SATS11	57	192	0.96	3.20	188	523.62	3.14	8.73
23:54:31	5	41.049170	-92.353000	40	46	0	4943	16218	08.2V 22C HDOP00.8 SATS11	88	268	1.46	4.47	288	522.48	4.80	8.71
23:54:38	7	41.049000	-92.352170	39	45	97	4952	16247	08.2V 22C HDOP00.9 SATS09	76	191	1.26	3.18	249	521.17	4.14	8.69
23:54:43	5	41.049000	-92.351670	37	43	97	4957	16262	08.2V 22C HDOP00.9 SATS09	55	266	0.91	4.44	180	519.55	3.00	8.66
23:54:53	10	41.048830	-92.350170	41	47	95	4976	16325	08.2V 22C HDOP00.8 SATS10	115	133	1.92	2.22	378	518.88	6.30	8.65
23:54:58	5	41.048830	-92.349670	41	47	96	4980	16338	08.2V 22C HDOP00.8 SATS11	48	265	0.79	4.42	156	517.16	2.60	8.62
23:55:03	5	41.048670	-92.348830	52	60	0	4995	16388	08.2V 22C HDOP00.9 SATS09	183	265	3.05	4.41	600	517.55	10.00	8.63
23:55:10	7	41.048670	-92.347830	43	49	93	5005	16420	08.2V 22C HDOP00.8 SATS10	84	189	1.39	3.14	274	516.42	4.57	8.61
23:55:15	5	41.048670	-92.347170	43	49	93	5014	16449	08.2V 22C HDOP01.1 SATS09	106	263	1.77	4.39	348	515.63	5.80	8.59
23:55:22	7	41.048670	-92.346170	43	49	93	5026	16491	08.2V 22C HDOP01.1 SATS09	110	188	1.83	3.13	360	514.91	6.00	8.58
23:55:31	9	41.048500	-92.345000	43	49	93	5044	16547	08.2V 22C HDOP01.0 SATS08	114	146	1.90	2.43	373	514.26	6.22	8.57
23:55:38	7	41.048500	-92.344000	43	49	93	5057	16591	08.2V 22C HDOP01.0 SATS08	115	187	1.92	3.12	377	513.63	6.29	8.56
23:55:43	5	41.048500	-92.343170	41	47	93	5064	16614	08.2V 22C HDOP01.0 SATS08	84	261	1.40	4.36	276	512.55	4.60	8.54
23:55:50	7	41.048330	-92.342170	41	47	95	5076	16655	08.2V 22C HDOP01.0 SATS08	107	186	1.78	3.10	351	511.81	5.85	8.53
23:55:55	5	41.048330	-92.341670	41	47	94	5079	16665	08.2V 22C HDOP01.1 SATS09	37	260	0.61	4.33	120	510.04	2.00	8.50
23:56:02	7	41.048330	-92.340500	43	49	94	5093	16709	08.2V 22C HDOP00.9 SATS10	115	185	1.92	3.09	377	509.44	6.29	8.49
23:56:07	5	41.048170	-92.339830	46	53	94	5097	16721	08.2V 22C HDOP01.0 SATS09	44	258	0.73	4.31	144	507.80	2.40	8.46
23:56:14	7	41.048170	-92.338670	44	51	96	5111	16767	08.2V 22C HDOP00.9 SATS10	120	184	2.00	3.07	394	507.30	6.57	8.45
23:56:22	8	41.048000	-92.337670	43	49	93	5127	16821	08.2V 22C HDOP00.8 SATS10	123	161	2.06	2.68	405	506.84	6.75	8.45
23:56:27	5	41.048000	-92.336830	43	49	92	5134	16843	08.2V 22C HDOP01.1 SATS08	81	257	1.34	4.28	264	505.77	4.40	8.43
23:56:32	5	41.048000	-92.336000	46	53	92	5143	16874	08.2V 22C HDOP00.8 SATS10	113	256	1.89	4.27	372	505.18	6.20	8.42
23:56:38	6	41.048000	-92.335170	41	47	92	5154	16910	08.2V 22C HDOP00.8 SATS10	110	213	1.83	3.55	360	504.54	6.00	8.41
23:56:43	5	41.048000	-92.334330	41	47	91	5167	16951	08.2V 22C HDOP01.1 SATS08	150	255	2.50	4.25	492	504.49	8.20	8.41
23:56:48	5	41.048000	-92.333670	44	51	94	5171	16964	08.2V 22C HDOP01.1 SATS07	48	254	0.79	4.24	156	502.97	2.60	8.38
23:56:53	5	41.048000	-92.333000	41	47	92	5186	17015	08.2V 20C HDOP01.0 SATS08	186	254	3.11	4.23	612	503.44	10.20	8.39
23:57:05	12	41.047830	-92.331170	43	49	94	5208	17087	08.2V 20C HDOP00.9 SATS09	110	106	1.83	1.76	360	502.83	6.00	8.38
23:57:10	5	41.047830	-92.330670	43	49	94	5217	17117	08.1V 20C HDOP00.8 SATS11	110	254	1.83	4.23	360	502.21	6.00	8.37
23:57:15	5	41.047830	-92.330000	43	49	96	5222	17132	08.1V 20C HDOP00.8 SATS11	55	253	0.91	4.21	180	500.84	3.00	8.35
23:57:20	5	41.047830	-92.329170	43	49	96	5228	17152	08.2V 20C HDOP00.8 SATS10	73	252	1.22	4.20	240	499.73	4.00	8.33
23:57:27	7	41.047670	-92.328330	41	47	95	5240	17193	08.2V 20C HDOP01.1 SATS07	107	180	1.79	2.99	352	499.10	5.86	8.32
23:57:32	5	41.047670	-92.327670	41	47	95	5249	17221	08.1V 20C HDOP01.0 SATS09	102	251	1.71	4.18	336	498.41	5.60	8.31
23:57:46	14	41.047500	-92.325670	39	45	95	5272	17295	08.1V 20C HDOP00.8 SATS10	97	90	1.61	1.49	317	497.65	5.29	8.29
23:57:55	9	41.047330	-92.324670	35	40	96	5287	17345	08.2V 20C HDOP00.8 SATS10	102	139	1.69	2.32	333	496.96	5.56	8.28
23:58:00	5	41.047330	-92.324170	37	43	96	5293	17367	08.2V 20C HDOP00.9 SATS09	80	250	1.34	4.17	264	495.99	4.40	8.27
23:58:10	10	41.047170	-92.322830	37	43	98	5307	17411	08.2V 20C HDOP00.9 SATS09	80	125	1.34	2.08	264	495.03	4.40	8.25
23:58:17	7	41.047170	-92.321830	43	49	0	5321	17457	08.2V 20C HDOP00.9 SATS09	120	178	2.00	2.97	394	494.61	6.57	8.24
23:58:22	5	41.047000	-92.321330	39	45	99	5326	17473	08.1V 20C HDOP00.9 SATS08	59	248	0.98	4.14	192	493.36	3.20	8.22
23:58:29	7	41.047000	-92.320330	37	43	98	5334	17500	08.1V 20C HDOP00.9 SATS09	71	177	1.18	2.95	231	492.29	3.86	8.20
23:58:36	7	41.046830	-92.319500	37	43	0	5349	17550	08.1V 20C HDOP00.9 SATS08	131	177	2.18	2.95	429	492.03	7.14	8.20
23:58:41	5	41.046670	-92.318830	35	40	97	5358	17578	08.1V 20C HDOP02.5 SATS04	102	247	1.71	4.12	336	491.40	5.60	8.19
23:58:48	7	41.046670	-92.318000	33	38	99	5367	17608	08.2V 20C HDOP00.8 SATS10	78	176	1.31	2.93	257	490.45	4.29	8.17
23:59:07	19	41.046330	-92.315670	37	43	101	5391	17687	08.2V 20C HDOP00.8 SATS10	76	65	1.27	1.08	249	489.48	4.16	8.16
23:59:12	5	41.046170	-92.315000	42	48	0	5401	17720	08.1V 20C HDOP00.8 SATS10	121	246	2.01	4.10	396	489.10	6.60	8.15
23:59:18	6	41.046000	-92.314330	39	45	103	5406	17737	08.1V 20C HDOP00.9 SATS09	52	204	0.86	3.41	170	487.83	2.83	8.13
23:59:26	8	41.045830	-92.313330	41	47	103	5421	17787	08.1V 20C HDOP00.8 SATS10	114	153	1.90	2.55	375	487.38	6.25	8.12
23:59:33	7	41.045670	-92.312500	39	45	104	5433	17824	08.1V 20C HDOP01.0 SATS08	97	175	1.61	2.91	317	486.70	5.29	8.11
23:59:38	5	41.045500	-92.311830	39	45	105	5439	17846	08.1V 20C HDOP01.0 SATS08	80	244	1.34	4.07	264	485.82	4.40	8.10
23:59:45	7	41.045330	-92.310830	35	40	104	5450	17882	08.1V 20C HDOP00.8 SATS10	94	174	1.57	2.90	308	485.12	5.14	8.09
00:00:04	19	41.045000	-92.308500	39	45	102	5475	17961	08.1V 20C HDOP00.8 SATS10	76	64	1.27	1.07	249	484.20	4.16	8.07
00:00:09	5	41.044830	-92.307830	43	49	0	5483	17989	08.1V 20C HDOP00.8 SATS10	102	243	1.71	4.05	336	483.62	5.60	8.06
00:00:16	7	41.044830	-92.307170	37	43	102	5493	18021	08.1V 20C HDOP00.9 SATS09	84	173	1.39	2.89	274	482.80	4.57	8.05
00:00:30	14	41.044500	-92.305330	35	40	100	5518	18103	08.1V 20C HDOP00.8 SATS10	107	87	1.78	1.45	351	482.29	5.86	8.04
00:00:43	13	41.044170	-92.303670	37	43	103	5532	18150	08.1V 20C HDOP00.8 SATS10	66	93	1.10	1.56	217	481.27	3.62	8.02
00:00:48	5	41.044170	-92.303000	35	40	102	5537	18167	08.1V 20C HDOP01.0 SATS07	62	242	1.04	4.03	204	480.20	3.40	8.00
00:00:53	5	41.044000	-92.302330	39	45	104	5548	18202	08.1V 20C HDOP00.8 SATS10	128	242	2.13	4.03	420	479.97	7.00	8.00
00:00:59	6	41.043830	-92.301670	37	43	105	5553	18217	08.1V 20C HDOP00.9 SATS09	46	201	0.76	3.34	150	478.71	2.50	7.98
00:01:05	6	41.043670	-92.300830	33	38	105	5563	18252	08.1V 20C HDOP00.8 SATS10	107	200	1.78	3.34	350	478.22	5.83	7.97
00:01:10	5	41.043500	-92.300170	39	45	103	5571	18278	08.1V 20C HDOP00.9 SATS09	95	240	1.58	4.00	312	477.59	5.20	7.96
00:01:17	7	41.043330	-92.299170	41	47	102	5582	18313	08.1V 20C HDOP00.9 SATS09	91	171	1.52	2.85	300	476.92	5.00	7.95
00:01:24	7	41.043170	-92.298330	43	49	105	5594	18354	08.1V 20C HDOP00.9 SATS09	107	171	1.79	2.85	352	476.45	5.86	7.94
00:01:43	19	41.042670	-92.295670	44	51	101	5618	18433	08.1V 20C HDOP00.8 SATS10	76	63	1.27	1.05	249	475.60	4.16	7.93
00:01:57	14	41.042330	-92.293500	43	49	100	5616	18426	08.1V 20C HDOP00.9 SATS09	-9	85	-0.15	1.42	-30	473.72	-0.50	7.90
00:02:03	6	41.042330	-92.292830	43	49	101	5607	18396	08.1V 20C HDOP00.8 SATS10	-91	197	-1.52	3.29	-300	470.84	-5.00	7.85

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
00:02:09	6	41.042170	-92.291830	44	51	102	5591	18344	08.1V 20C HDOP00.8 SATS10	-159	196	-2.64	3.27	-520	467.17	-8.67	7.79
00:02:27	18	41.041670	-92.289330	39	45	105	5543	18187	08.1V 20C HDOP00.8 SATS10	-160	65	-2.66	1.08	-523	463.52	-8.72	7.73
00:02:34	7	41.041500	-92.288670	30	35	0	5529	18140	08.1V 20C HDOP00.8 SATS10	-123	165	-2.05	2.75	-403	460.33	-6.72	7.67
00:02:39	5	41.041330	-92.288000	37	43	103	5521	18112	08.1V 20C HDOP00.8 SATS10	-102	230	-1.71	3.83	-336	457.41	-5.60	7.62
00:02:47	8	41.041170	-92.287000	41	47	102	5500	18045	08.1V 20C HDOP00.8 SATS10	-153	142	-2.55	2.37	-502	453.91	-8.37	7.57
00:02:54	7	41.041170	-92.286170	33	38	100	5481	17981	08.1V 19C HDOP00.9 SATS09	-167	162	-2.79	2.69	-549	450.26	-9.14	7.50
00:02:59	5	41.041000	-92.285500	39	45	103	5473	17957	08.1V 20C HDOP01.0 SATS08	-88	225	-1.46	3.75	-288	447.59	-4.80	7.46
00:03:06	7	41.040830	-92.284670	41	47	99	5458	17907	08.1V 20C HDOP00.9 SATS09	-131	160	-2.18	2.66	-429	444.43	-7.14	7.41
00:03:13	7	41.040670	-92.283830	37	43	102	5440	17849	08.1V 19C HDOP00.9 SATS08	-151	159	-2.52	2.64	-497	441.04	-8.28	7.35
00:03:18	5	41.040670	-92.283170	37	43	103	5427	17806	08.1V 19C HDOP01.0 SATS08	-157	221	-2.62	3.68	-516	437.61	-8.60	7.29
00:03:27	9	41.040330	-92.282170	33	38	105	5403	17728	08.1V 19C HDOP00.9 SATS09	-159	122	-2.64	2.03	-520	434.19	-8.67	7.24
00:03:32	5	41.040330	-92.281830	33	38	104	5397	17707	08.1V 19C HDOP00.9 SATS09	-77	218	-1.28	3.63	-252	431.75	-4.20	7.20
00:03:38	6	41.040170	-92.281000	37	43	103	5380	17651	08.1V 19C HDOP01.0 SATS08	-171	180	-2.84	3.01	-560	428.23	-9.33	7.14
00:03:44	6	41.040000	-92.280170	37	43	102	5363	17594	08.1V 19C HDOP00.9 SATS09	-174	179	-2.90	2.98	-570	424.70	-9.50	7.08
00:03:51	7	41.039830	-92.279330	33	38	100	5345	17535	08.1V 19C HDOP00.8 SATS10	-154	152	-2.57	2.54	-506	421.43	-8.43	7.02
00:03:56	5	41.039830	-92.278830	35	40	101	5331	17491	08.1V 19C HDOP00.8 SATS10	-161	212	-2.68	3.53	-528	418.10	-8.80	6.97
00:04:03	7	41.039670	-92.277830	35	40	101	5313	17430	08.1V 19C HDOP00.9 SATS09	-159	150	-2.66	2.51	-523	414.81	-8.72	6.91
00:04:09	6	41.039670	-92.277330	37	43	97	5308	17415	08.1V 19C HDOP01.0 SATS08	-46	175	-0.76	2.91	-150	412.84	-2.50	6.88
00:04:34	25	41.039170	-92.274500	37	43	96	5252	17230	08.1V 19C HDOP00.8 SATS09	-135	41	-2.26	0.69	-444	409.86	-7.40	6.83
00:04:41	7	41.039170	-92.273500	43	49	0	5237	17181	08.1V 19C HDOP00.8 SATS10	-128	147	-2.13	2.44	-420	406.99	-7.00	6.78
00:04:46	5	41.039170	-92.272670	39	45	95	5219	17122	08.1V 19C HDOP00.8 SATS10	-216	204	-3.60	3.40	-708	403.15	-11.80	6.72
00:04:51	5	41.039000	-92.272000	37	43	98	5206	17081	08.1V 19C HDOP00.9 SATS09	-150	203	-2.50	3.38	-492	400.07	-8.20	6.67
00:04:56	5	41.039000	-92.271330	41	47	95	5196	17048	08.1V 19C HDOP00.8 SATS10	-121	201	-2.01	3.36	-396	397.34	-6.60	6.62
00:05:05	9	41.038830	-92.270000	45	52	0	5174	16975	08.1V 19C HDOP00.8 SATS10	-148	111	-2.47	1.85	-487	394.33	-8.11	6.57
00:05:10	5	41.038830	-92.269330	44	51	93	5167	16953	08.1V 19C HDOP00.8 SATS10	-81	199	-1.34	3.31	-264	392.09	-4.40	6.53
00:05:15	5	41.038830	-92.268670	43	49	94	5154	16911	08.0V 19C HDOP00.8 SATS10	-154	198	-2.56	3.29	-504	389.05	-8.40	6.48
00:05:34	19	41.038500	-92.266000	44	51	98	5115	16780	08.1V 19C HDOP00.8 SATS10	-126	51	-2.10	0.86	-414	386.34	-6.89	6.44
00:05:41	7	41.038500	-92.265000	43	49	97	5099	16730	08.1V 19C HDOP00.9 SATS09	-131	139	-2.18	2.31	-429	383.59	-7.14	6.39
00:05:48	7	41.038330	-92.264000	41	47	99	5084	16679	08.0V 19C HDOP00.8 SATS10	-133	138	-2.22	2.30	-437	380.84	-7.28	6.35
00:05:55	7	41.038330	-92.263000	39	45	98	5068	16626	08.0V 19C HDOP01.0 SATS08	-139	137	-2.31	2.28	-454	378.05	-7.57	6.30
00:06:00	5	41.038170	-92.262330	43	49	98	5055	16586	08.0V 19C HDOP01.1 SATS08	-146	190	-2.44	3.17	-480	375.19	-8.00	6.25
00:06:07	7	41.038000	-92.261500	44	51	100	5036	16522	08.0V 19C HDOP01.1 SATS08	-167	135	-2.79	2.25	-548	372.12	-9.14	6.20
00:06:12	5	41.038000	-92.260670	41	47	101	5027	16493	08.0V 19C HDOP01.0 SATS08	-106	188	-1.77	3.13	-348	369.73	-5.80	6.16
00:06:19	7	41.037830	-92.259830	43	49	103	5012	16442	08.0V 19C HDOP00.8 SATS10	-133	133	-2.22	2.22	-437	367.07	-7.29	6.12
00:06:24	5	41.037670	-92.259000	52	60	0	5000	16405	08.0V 19C HDOP00.8 SATS10	-135	186	-2.26	3.10	-444	364.40	-7.40	6.07
00:06:29	5	41.037500	-92.258330	43	49	0	4988	16366	08.0V 19C HDOP00.8 SATS10	-143	185	-2.38	3.08	-468	361.67	-7.80	6.03
00:06:35	6	41.037330	-92.257500	44	51	103	4980	16340	08.0V 19C HDOP00.8 SATS10	-79	153	-1.32	2.55	-260	359.64	-4.34	5.99
00:06:40	5	41.037170	-92.257170	43	49	104	4967	16296	08.0V 19C HDOP00.8 SATS10	-161	183	-2.68	3.04	-528	356.75	-8.80	5.95
00:06:48	8	41.037000	-92.256000	41	47	107	4951	16243	08.0V 19C HDOP04.5 SATS05	-121	113	-2.02	1.89	-397	354.30	-6.62	5.91
00:07:08	20	41.036330	-92.253330	42	48	0	4893	16054	08.0V 19C HDOP00.8 SATS10	-173	45	-2.88	0.74	-567	351.32	-9.45	5.86
00:07:13	5	41.036170	-92.253000	24	28	0	4889	16040	08.0V 19C HDOP00.9 SATS09	-51	178	-0.85	2.96	-168	349.64	-2.80	5.83
00:07:19	6	41.036000	-92.252170	41	47	110	4874	15990	08.0V 19C HDOP00.8 SATS10	-152	147	-2.54	2.45	-500	346.91	-8.33	5.78
00:07:25	6	41.035670	-92.251170	39	45	114	4858	15937	08.0V 19C HDOP00.8 SATS10	-161	146	-2.69	2.44	-530	344.10	-8.83	5.74
00:07:32	7	41.035330	-92.250330	43	49	116	4840	15878	08.0V 19C HDOP00.8 SATS10	-154	124	-2.57	2.07	-506	341.39	-8.43	5.69
00:07:37	5	41.035000	-92.249670	46	53	116	4829	15843	08.0V 19C HDOP00.8 SATS10	-128	173	-2.13	2.89	-420	338.96	-6.99	5.65
00:07:44	7	41.034670	-92.248670	43	49	118	4814	15795	08.0V 19C HDOP00.8 SATS10	-125	123	-2.09	2.05	-411	336.58	-6.86	5.61
00:07:51	7	41.034330	-92.248000	41	47	119	4797	15739	08.0V 19C HDOP00.8 SATS10	-146	122	-2.44	2.04	-480	334.00	-8.00	5.57
00:07:57	6	41.034000	-92.247170	43	49	119	4779	15679	08.0V 19C HDOP00.9 SATS09	-183	141	-3.05	2.36	-600	331.05	-10.00	5.52
00:08:15	18	41.033000	-92.245000	41	47	119	4733	15528	08.0V 19C HDOP00.8 SATS10	-153	47	-2.56	0.78	-503	328.43	-8.39	5.47
00:08:22	7	41.032670	-92.244000	43	49	117	4707	15443	08.0V 19C HDOP00.8 SATS10	-222	119	-3.70	1.98	-728	325.11	-12.14	5.42
00:08:29	7	41.032330	-92.243170	39	45	118	4688	15382	08.0V 19C HDOP00.8 SATS10	-159	118	-2.66	1.96	-523	322.46	-8.72	5.37
00:08:34	5	41.032000	-92.242670	41	47	121	4674	15335	08.0V 19C HDOP00.8 SATS10	-172	164	-2.86	2.73	-564	319.70	-9.40	5.33
00:08:41	7	41.031670	-92.241830	44	51	120	4658	15283	08.0V 19C HDOP00.8 SATS10	-136	116	-2.26	1.94	-446	317.32	-7.43	5.29
00:08:46	5	41.031330	-92.241170	41	47	120	4644	15237	08.0V 19C HDOP00.8 SATS10	-168	162	-2.80	2.69	-552	314.63	-9.20	5.24
00:08:55	9	41.031000	-92.240170	41	47	119	4617	15148	08.0V 19C HDOP00.9 SATS09	-181	89	-3.01	1.48	-593	311.83	-9.89	5.20
00:09:12	17	41.030170	-92.238170	37	43	118	4566	14980	08.0V 19C HDOP00.8 SATS10	-181	46	-3.01	0.77	-593	309.05	-9.88	5.15
00:09:17	5	41.029830	-92.237670	41	47	0	4553	14937	08.0V 19C HDOP00.8 SATS10	-157	157	-2.62	2.61	-516	306.52	-8.60	5.11
00:09:23	6	41.029670	-92.237000	41	47	113	4545	14912	08.0V 19C HDOP00.8 SATS10	-76	130	-1.27	2.17	-250	304.82	-4.17	5.08
00:09:31	8	41.029330	-92.236000	33	38	116	4512	14804	08.0V 19C HDOP00.8 SATS10	-247	96	-4.12	1.61	-810	301.42	-13.50	5.02
00:09:40	9	41.029000	-92.235000	35	40	115	4487	14720	08.0V 19C HDOP00.9 SATS09	-171	85	-2.84	1.42	-560	298.80	-9.33	4.98
00:09:57	17	41.028330	-92.233330	31	36	112	4433	14545	08.0V 19C HDOP00.8 SATS10	-188	44	-3.14	0.74	-618	296.02	-10.29	4.93
00:10:07	10	41.028170	-92.232330	33	38	110	4406	14456	08.0V 19C HDOP00.9 SATS09	-163	75	-2.71	1.24	-534	293.51	-8.90	4.89
00:10:12	5	41.027830	-92.231670	33	38	113	4392	14408	08.0V 19C HDOP01.0 SATS08	-176	148	-2.93	2.47	-576	290.89	-9.60	4.85
00:10:17	5	41.027670	-92.231170	37	43	112	4379	14368	08.0V 19C HDOP00.9 SATS09	-146	147	-2.44	2.45	-480	288.58	-8.00	4.81
00:10:24	7	41.027500	-92.230500	30	35	0	4361	14308	08.0V 19C HDOP00.9 SATS09	-157	104	-2.61	1.74	-514	286.18	-8.57	4.77
00:10:29	5	41.027330	-92.230000	31	36	111	4355	14288	08.0V 19C HDOP00.8 SATS10	-73	145	-1.22	2.42	-240	284.60	-4.00	4.74
00:10:34	5	41.027170	-92.229330	42	48	0	4332	14214	08.0V 19C HDOP00.8 SATS10	-271	144	-4.51	2.40	-888	281.11	-14.80	4.69
00:10:40	6	41.027000	-92.228670	37	43	115	4322	14179	08.0V 19C HDOP00.9 SATS09	-107	119	-1.78	1.99	-350	279.24	-5.83	4.65
00:10:45	5	41.026830	-92.228170	33	38	112	4302	14113	08.0V 19C HDOP00.8 SATS10	-241	142	-4.02	2.37	-792	276.07	-13.20	4.60

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
00:11:02	17	41.026330	-92.226330	33	38	109	4250	13945	08.0V 19C HDOP00.8 SATS10	-181	41	-3.01	0.69	-593	273.51	-9.88	4.56
00:11:09	7	41.026170	-92.225500	37	43	108	4234	13892	08.0V 19C HDOP00.8 SATS10	-139	99	-2.31	1.66	-454	271.37	-7.57	4.52
00:11:16	7	41.026000	-92.224830	35	40	109	4213	13821	08.0V 19C HDOP00.8 SATS10	-185	98	-3.09	1.64	-609	268.79	-10.14	4.48
00:11:21	5	41.025830	-92.224170	35	40	108	4200	13778	08.0V 19C HDOP00.8 SATS10	-157	137	-2.62	2.28	-516	266.49	-8.60	4.44
00:11:28	7	41.025500	-92.223500	35	40	112	4184	13726	08.0V 19C HDOP00.8 SATS10	-136	97	-2.26	1.62	-446	264.42	-7.43	4.41
00:11:36	8	41.025170	-92.222330	37	43	111	4159	13646	08.0V 19C HDOP00.8 SATS10	-183	84	-3.05	1.40	-600	261.90	-10.00	4.37
00:11:41	5	41.025170	-92.221830	30	35	105	4155	13633	08.0V 19C HDOP00.8 SATS10	-48	134	-0.79	2.24	-156	260.69	-2.60	4.34
00:11:46	5	41.025000	-92.221330	41	47	109	4139	13578	08.0V 19C HDOP00.9 SATS09	-201	133	-3.35	2.22	-660	258.03	-11.00	4.30
00:11:53	7	41.024670	-92.220500	37	43	112	4120	13518	08.0V 19C HDOP00.8 SATS10	-157	94	-2.61	1.57	-514	255.81	-8.57	4.26
00:11:58	5	41.024500	-92.219830	37	43	109	4107	13473	08.0V 19C HDOP00.8 SATS10	-165	131	-2.74	2.19	-540	253.52	-9.00	4.23
00:12:04	6	41.024330	-92.219330	33	38	110	4102	13457	08.0V 19C HDOP00.8 SATS10	-49	109	-0.81	1.82	-160	252.33	-2.67	4.21
00:12:24	20	41.023670	-92.216670	39	45	108	4038	13248	08.0V 19C HDOP00.8 SATS10	-191	32	-3.18	0.53	-627	249.82	-10.45	4.16
00:12:31	7	41.023500	-92.215830	39	45	108	4023	13200	08.0V 19C HDOP01.0 SATS07	-125	91	-2.09	1.52	-411	247.94	-6.86	4.13
00:12:38	7	41.023330	-92.214830	41	47	108	4008	13150	08.0V 19C HDOP01.0 SATS08	-131	90	-2.18	1.51	-429	246.02	-7.14	4.10
00:12:45	7	41.023000	-92.214000	39	45	109	3992	13096	08.0V 19C HDOP00.8 SATS10	-141	90	-2.35	1.50	-463	244.01	-7.71	4.07
00:12:50	5	41.022830	-92.213330	41	47	111	3979	13053	08.0V 19C HDOP00.9 SATS09	-157	125	-2.62	2.08	-516	241.86	-8.60	4.03
00:12:57	7	41.022670	-92.212330	43	49	107	3961	12997	08.0V 19C HDOP00.9 SATS09	-146	89	-2.44	1.48	-480	239.83	-8.00	4.00
00:13:04	7	41.022330	-92.211500	43	49	106	3945	12944	08.0V 19C HDOP00.8 SATS10	-139	88	-2.31	1.46	-454	237.88	-7.57	3.96
00:13:23	19	41.021830	-92.208830	43	49	105	3895	12778	08.0V 19C HDOP00.8 SATS10	-160	32	-2.66	0.53	-524	235.74	-8.74	3.93
00:13:30	7	41.021670	-92.207830	43	49	106	3882	12737	08.0V 19C HDOP00.8 SATS10	-107	86	-1.78	1.43	-351	234.10	-5.85	3.90
00:13:37	7	41.021330	-92.206830	46	53	106	3865	12679	08.0V 19C HDOP00.8 SATS10	-152	85	-2.53	1.42	-497	232.07	-8.29	3.87
00:13:42	5	41.021170	-92.206170	46	53	106	3851	12635	08.0V 19C HDOP00.8 SATS10	-161	119	-2.68	1.98	-528	229.95	-8.80	3.83
00:13:49	7	41.021000	-92.205170	44	51	105	3832	12573	08.0V 19C HDOP00.8 SATS10	-162	84	-2.70	1.40	-531	227.85	-8.86	3.80
00:14:08	19	41.020500	-92.202330	48	55	106	3779	12399	08.0V 19C HDOP00.8 SATS10	-167	30	-2.79	0.51	-549	225.70	-9.16	3.76
00:14:15	7	41.020170	-92.201170	48	55	107	3766	12355	08.0V 19C HDOP02.9 SATS05	-115	82	-1.92	1.37	-377	224.04	-6.29	3.73
00:14:22	7	41.020000	-92.200170	46	53	110	3748	12296	08.0V 19C HDOP00.9 SATS09	-154	81	-2.57	1.36	-506	222.03	-8.43	3.70
00:14:27	5	41.019830	-92.199500	44	51	108	3735	12255	08.0V 19C HDOP00.8 SATS10	-150	113	-2.50	1.89	-492	220.08	-8.20	3.67
00:14:36	9	41.019500	-92.198000	46	53	105	3710	12173	08.0V 19C HDOP00.9 SATS09	-167	62	-2.78	1.04	-547	217.98	-9.11	3.63
00:14:53	17	41.019170	-92.195670	46	53	99	3666	12029	08.0V 19C HDOP00.8 SATS10	-155	32	-2.58	0.54	-508	216.00	-8.47	3.60
00:15:00	7	41.019000	-92.194500	44	51	100	3651	11979	08.0V 19C HDOP00.9 SATS09	-131	78	-2.18	1.30	-429	214.25	-7.14	3.57
00:15:05	5	41.018830	-92.194000	44	51	100	3646	11963	08.0V 19C HDOP00.8 SATS10	-59	109	-0.98	1.82	-192	213.15	-3.20	3.55
00:15:12	7	41.018670	-92.192670	44	51	103	3621	11881	08.0V 19C HDOP00.8 SATS10	-214	77	-3.57	1.28	-703	210.67	-11.71	3.51
00:15:19	7	41.018500	-92.191670	46	53	99	3605	11826	08.0V 19C HDOP00.8 SATS10	-144	76	-2.40	1.27	-472	208.83	-7.86	3.48
00:15:24	5	41.018500	-92.190830	43	49	96	3593	11787	08.0V 19C HDOP00.8 SATS10	-143	106	-2.38	1.77	-468	207.02	-7.80	3.45
00:15:31	7	41.018330	-92.189830	44	51	98	3576	11731	08.0V 19C HDOP00.8 SATS10	-146	75	-2.44	1.26	-480	205.17	-8.00	3.42
00:15:50	19	41.018000	-92.187330	43	49	103	3528	11574	08.0V 19C HDOP00.8 SATS10	-151	27	-2.52	0.45	-496	203.30	-8.26	3.39
00:15:56	6	41.017830	-92.186500	43	49	0	3512	11522	08.0V 19C HDOP00.8 SATS10	-159	86	-2.64	1.43	-520	201.37	-8.67	3.36
00:16:03	7	41.017670	-92.185670	41	47	105	3503	11494	08.0V 19C HDOP00.9 SATS09	-73	73	-1.22	1.22	-240	200.20	-4.00	3.34
00:16:10	7	41.017500	-92.184670	33	38	103	3477	11409	08.0V 19C HDOP00.8 SATS10	-222	72	-3.70	1.21	-729	197.73	-12.14	3.30
00:16:17	7	41.017330	-92.183830	33	38	102	3459	11348	08.0V 19C HDOP01.1 SATS08	-159	72	-2.66	1.20	-523	195.83	-8.71	3.26
00:16:27	10	41.017170	-92.182830	30	35	101	3432	11259	08.0V 19C HDOP00.9 SATS09	-163	50	-2.71	0.83	-534	193.90	-8.90	3.23
00:16:34	7	41.017000	-92.182000	28	32	101	3413	11199	08.0V 19C HDOP00.8 SATS10	-157	70	-2.61	1.17	-514	192.04	-8.57	3.20
00:16:39	5	41.017000	-92.181500	26	30	103	3400	11156	08.0V 19C HDOP00.9 SATS09	-157	98	-2.62	1.63	-516	190.18	-8.60	3.17
00:16:44	5	41.016830	-92.181170	24	28	0	3388	11116	08.0V 19C HDOP00.8 SATS10	-146	97	-2.44	1.62	-480	188.43	-8.00	3.14
00:16:49	5	41.016830	-92.180830	24	28	99	3379	11086	08.0V 19C HDOP00.9 SATS09	-110	97	-1.83	1.61	-360	186.99	-6.00	3.12
00:16:54	5	41.016830	-92.180330	24	28	103	3368	11049	08.0V 19C HDOP01.0 SATS08	-135	96	-2.25	1.60	-444	185.35	-7.40	3.09
00:17:01	7	41.016670	-92.179830	24	28	106	3352	10996	08.0V 19C HDOP00.8 SATS10	-139	68	-2.31	1.13	-454	183.69	-7.57	3.06
00:17:06	5	41.016500	-92.179330	26	30	106	3340	10959	08.0V 19C HDOP00.9 SATS08	-135	95	-2.26	1.58	-444	182.06	-7.40	3.03
00:17:13	7	41.016500	-92.178830	26	30	105	3322	10900	08.0V 19C HDOP00.9 SATS09	-154	67	-2.57	1.12	-506	180.28	-8.43	3.00
00:17:18	5	41.016330	-92.178330	22	25	106	3310	10859	08.0V 19C HDOP00.8 SATS10	-150	93	-2.50	1.55	-492	178.55	-8.20	2.98
00:17:23	5	41.016170	-92.178000	28	32	110	3306	10845	08.0V 19C HDOP00.8 SATS10	-51	93	-0.85	1.55	-168	177.66	-2.80	2.96
00:17:30	7	41.016000	-92.177500	26	30	109	3283	10770	08.0V 20C HDOP00.9 SATS09	-196	66	-3.27	1.09	-643	175.56	-10.71	2.93
00:17:37	7	41.015830	-92.176830	24	28	110	3267	10720	08.0V 19C HDOP00.8 SATS10	-131	65	-2.18	1.09	-429	174.01	-7.14	2.90
00:17:56	19	41.015500	-92.175500	17	20	105	3221	10566	08.0V 19C HDOP00.8 SATS10	-148	24	-2.47	0.39	-486	172.33	-8.11	2.87
00:18:03	7	41.015330	-92.175170	17	20	102	3211	10534	08.0V 20C HDOP00.9 SATS09	-84	64	-1.39	1.06	-274	171.19	-4.57	2.85
00:18:10	7	41.015330	-92.174830	15	17	0	3195	10483	08.0V 20C HDOP00.9 SATS09	-133	63	-2.22	1.05	-437	169.65	-7.28	2.83
00:18:28	18	41.015330	-92.174000	13	15	85	3147	10325	08.0V 20C HDOP00.8 SATS10	-161	24	-2.68	0.40	-527	167.88	-8.78	2.80
00:18:33	5	41.015330	-92.173830	10	12	0	3135	10286	08.0V 20C HDOP00.8 SATS10	-143	86	-2.38	1.43	-468	166.28	-7.80	2.77
00:18:38	5	41.015330	-92.173670	9	10	78	3125	10251	08.0V 20C HDOP00.8 SATS10	-128	86	-2.13	1.43	-420	164.80	-7.00	2.75
00:18:45	7	41.015330	-92.173500	11	13	79	3113	10214	08.0V 20C HDOP00.8 SATS10	-97	61	-1.61	1.01	-317	163.59	-5.28	2.73
00:18:50	5	41.015500	-92.173330	9	10	80	3092	10143	08.0V 20C HDOP00.8 SATS10	-260	84	-4.33	1.40	-852	161.05	-14.20	2.68
00:18:57	7	41.015500	-92.173000	6	7	71	3059	10037	08.0V 20C HDOP00.8 SATS10	-277	59	-4.62	0.99	-909	158.37	-15.14	2.64
00:19:07	10	41.015670	-92.172830	6	7	49	3033	9952	08.0V 20C HDOP00.8 SATS10	-155	41	-2.59	0.68	-510	156.71	-8.50	2.61
00:19:19	12	41.015830	-92.172670	7	8	42	3014	9887	08.0V 20C HDOP00.9 SATS09	-99	34	-1.65	0.56	-325	155.51	-5.42	2.59
00:19:38	19	41.016170	-92.172330	0	0	0	2961	9714	08.0V 20C HDOP00.8 SATS10	-167	21	-2.78	0.35	-546	153.77	-9.11	2.56
00:19:49	11	41.016330	-92.172330	9	10	15	2951	9683	08.0V 20C HDOP00.9 SATS09	-52	36	-0.86	0.60	-169	152.97	-2.82	2.55
00:19:54	5	41.016500	-92.172170	9	10	12	2926	9601	08.0V 20C HDOP00.9 SATS09	-300	78	-5.00	1.30	-984	150.16	-16.40	2.50
00:20:04	10	41.016830	-92.172170	9	10	2	2904	9527	08.0V 20C HDOP00.9 SATS09	-135	39	-2.26	0.64	-444	148.70	-7.40	2.48
00:20:23	19	41.017330	-92.172170	9	10	5	2858	9376	08.0V 20C HDOP00.8 SATS10	-145	20	-2.42	0.33	-477	147.16	-7.95	2.45

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
00:20:30	7	41.017670	-92.172170	11	13	356	2836	9306	08.0V 20C HDOP00.8 SATS10	-183	53	-3.05	0.89	-600	145.33	-10.00	2.42
00:20:42	12	41.018000	-92.172170	11	13	358	2807	9208	08.0V 20C HDOP00.8 SATS10	-149	31	-2.49	0.51	-490	143.77	-8.17	2.40
00:20:51	9	41.018170	-92.172170	11	13	351	2786	9142	07.9V 20C HDOP00.8 SATS10	-134	41	-2.24	0.68	-440	142.35	-7.33	2.37
00:20:56	5	41.018330	-92.172170	11	13	351	2773	9097	08.0V 20C HDOP00.9 SATS09	-165	72	-2.74	1.21	-540	140.69	-9.00	2.34
00:21:02	6	41.018500	-92.172330	9	10	341	2753	9032	07.9V 20C HDOP00.8 SATS10	-198	60	-3.30	0.99	-650	138.77	-10.84	2.31
00:21:20	18	41.019170	-92.172670	15	17	335	2708	8883	07.9V 20C HDOP00.8 SATS10	-151	19	-2.52	0.32	-497	137.23	-8.28	2.29
00:21:25	5	41.019330	-92.172670	13	15	0	2696	8844	07.9V 20C HDOP00.8 SATS10	-143	70	-2.38	1.16	-468	135.77	-7.80	2.26
00:21:32	7	41.019670	-92.172830	15	17	334	2672	8768	07.9V 20C HDOP00.9 SATS09	-199	49	-3.31	0.82	-651	133.87	-10.85	2.23
00:21:39	7	41.020000	-92.173000	20	23	335	2659	8725	07.9V 20C HDOP00.9 SATS09	-112	49	-1.87	0.81	-369	132.67	-6.14	2.21
00:21:46	7	41.020330	-92.173330	19	22	333	2637	8651	07.9V 20C HDOP00.8 SATS10	-193	48	-3.22	0.80	-634	130.83	-10.57	2.18
00:21:54	8	41.020670	-92.173500	20	23	321	2623	8605	07.9V 20C HDOP00.9 SATS09	-105	42	-1.75	0.70	-345	129.69	-5.75	2.16
00:21:59	5	41.020830	-92.173830	19	22	322	2604	8544	07.9V 20C HDOP00.9 SATS09	-223	66	-3.72	1.10	-732	127.63	-12.20	2.13
00:22:18	19	41.021670	-92.174670	24	28	323	2565	8416	07.9V 20C HDOP00.8 SATS10	-123	17	-2.05	0.28	-404	126.37	-6.74	2.11
00:22:25	7	41.022000	-92.175000	24	28	315	2548	8361	07.9V 20C HDOP00.9 SATS09	-144	46	-2.40	0.76	-472	124.94	-7.86	2.08
00:22:32	7	41.022330	-92.175500	22	25	315	2533	8309	07.9V 20C HDOP00.9 SATS09	-136	45	-2.26	0.76	-446	123.59	-7.43	2.06
00:22:37	5	41.022500	-92.175670	26	30	313	2526	8286	07.9V 20C HDOP00.9 SATS09	-84	63	-1.40	1.05	-276	122.65	-4.60	2.04
00:22:52	15	41.023170	-92.176670	24	28	308	2483	8145	07.9V 20C HDOP00.8 SATS10	-172	21	-2.86	0.34	-564	121.03	-9.40	2.02
00:22:59	7	41.023500	-92.177000	24	28	311	2465	8088	07.9V 20C HDOP00.9 SATS09	-149	44	-2.48	0.73	-489	119.59	-8.15	1.99
00:23:09	10	41.023830	-92.177500	24	28	307	2447	8029	07.9V 20C HDOP00.8 SATS10	-108	30	-1.80	0.51	-354	118.48	-5.90	1.97
00:23:15	6	41.024170	-92.178170	24	28	310	2423	7949	07.9V 20C HDOP00.8 SATS09	-244	50	-4.06	0.83	-800	116.33	-13.33	1.94
00:23:24	9	41.024500	-92.178670	28	32	309	2406	7893	07.9V 20C HDOP00.9 SATS09	-114	33	-1.90	0.55	-373	115.19	-6.22	1.92
00:23:29	5	41.024670	-92.179000	28	32	309	2395	7857	07.9V 20C HDOP00.8 SATS10	-132	59	-2.20	0.98	-432	113.91	-7.20	1.90
00:23:34	5	41.025000	-92.179500	31	36	307	2384	7820	07.9V 20C HDOP00.9 SATS08	-135	58	-2.25	0.97	-444	112.61	-7.40	1.88
00:23:40	6	41.025170	-92.179830	30	35	310	2378	7801	07.9V 20C HDOP00.9 SATS09	-58	48	-0.97	0.81	-190	111.91	-3.17	1.87
00:23:53	13	41.025830	-92.180830	28	32	308	2340	7677	07.9V 20C HDOP00.8 SATS10	-174	22	-2.91	0.36	-572	110.33	-9.54	1.84
00:24:00	7	41.026000	-92.181170	28	32	308	2330	7645	07.9V 20C HDOP00.9 SATS09	-84	40	-1.39	0.67	-274	109.44	-4.57	1.82
00:24:05	5	41.026330	-92.181670	24	28	305	2319	7607	08.0V 20C HDOP00.8 SATS10	-139	56	-2.32	0.93	-456	108.14	-7.60	1.80
00:24:11	6	41.026500	-92.182170	28	32	304	2305	7561	07.9V 20C HDOP00.9 SATS09	-140	46	-2.34	0.77	-460	106.83	-7.67	1.78
00:24:20	9	41.026830	-92.182670	26	30	313	2288	7506	07.9V 20C HDOP00.9 SATS09	-112	30	-1.86	0.51	-367	105.74	-6.11	1.76
00:24:25	5	41.027170	-92.183000	26	30	316	2277	7469	07.9V 20C HDOP00.9 SATS09	-135	54	-2.26	0.91	-444	104.49	-7.40	1.74
00:24:33	8	41.027330	-92.183500	26	30	306	2263	7425	08.0V 20C HDOP00.9 SATS09	-101	34	-1.68	0.56	-330	103.49	-5.50	1.72
00:24:39	6	41.027670	-92.184000	28	32	312	2245	7365	08.0V 20C HDOP00.9 SATS09	-183	44	-3.05	0.74	-600	101.89	-10.00	1.70
00:24:45	6	41.028000	-92.184500	26	30	312	2228	7309	07.9V 20C HDOP00.8 SATS10	-171	44	-2.84	0.73	-560	100.39	-9.33	1.67
00:24:50	5	41.028330	-92.184670	28	32	311	2223	7293	07.9V 20C HDOP00.9 SATS09	-58	52	-0.97	0.87	-192	99.73	-3.20	1.66
00:24:55	5	41.028500	-92.185170	33	38	0	2206	7237	07.9V 20C HDOP00.8 SATS10	-205	52	-3.41	0.86	-672	97.98	-11.20	1.63
00:25:00	5	41.028830	-92.185330	28	32	316	2198	7210	07.9V 20C HDOP00.8 SATS10	-99	52	-1.65	0.86	-324	97.03	-5.40	1.62
00:25:05	5	41.029000	-92.185830	28	32	313	2182	7158	07.9V 20C HDOP00.8 SATS10	-190	51	-3.17	0.85	-624	95.40	-10.40	1.59
00:25:10	5	41.029330	-92.186170	28	32	317	2178	7146	07.9V 20C HDOP01.0 SATS09	-44	51	-0.73	0.85	-144	94.86	-2.40	1.58
00:25:15	5	41.029670	-92.186500	34	39	0	2158	7081	07.9V 20C HDOP00.8 SATS10	-238	50	-3.96	0.84	-780	92.90	-13.00	1.55
00:25:20	5	41.029670	-92.186670	30	35	317	2153	7063	07.9V 20C HDOP00.9 SATS09	-66	50	-1.10	0.83	-216	92.21	-3.60	1.54
00:25:28	8	41.030330	-92.187330	31	36	319	2128	6983	07.9V 20C HDOP00.8 SATS10	-183	31	-3.05	0.51	-600	90.67	-10.00	1.51
00:25:33	5	41.030670	-92.187670	33	38	324	2125	6973	07.9V 20C HDOP00.8 SATS10	-37	49	-0.61	0.82	-120	90.20	-2.00	1.50
00:25:38	5	41.031000	-92.188000	33	38	0	2105	6907	07.9V 20C HDOP00.8 SATS10	-241	48	-4.02	0.80	-792	88.24	-13.20	1.47
00:25:47	9	41.031500	-92.188670	35	40	321	2088	6849	07.9V 20C HDOP00.8 SATS10	-118	26	-1.96	0.44	-386	87.18	-6.44	1.45
00:25:53	6	41.031830	-92.189000	31	36	318	2076	6812	08.0V 20C HDOP00.9 SATS09	-113	39	-1.88	0.66	-370	86.17	-6.17	1.44
00:26:00	7	41.032500	-92.189500	33	38	317	2060	6758	07.9V 20C HDOP00.9 SATS09	-141	33	-2.35	0.56	-463	84.96	-7.71	1.42
00:26:05	5	41.032670	-92.190000	33	38	0	2038	6687	07.9V 20C HDOP00.9 SATS09	-260	46	-4.33	0.77	-852	82.90	-14.20	1.38
00:26:10	5	41.032830	-92.190170	33	38	316	2033	6671	07.9V 20C HDOP00.9 SATS09	-59	46	-0.98	0.76	-192	82.29	-3.20	1.37
00:26:24	14	41.034000	-92.191330	33	38	321	1992	6534	07.9V 20C HDOP00.9 SATS09	-179	16	-2.98	0.27	-587	80.82	-9.79	1.35
00:26:29	5	41.034330	-92.191830	0	0	0	1983	6505	08.0V 20C HDOP01.1 SATS08	-106	44	-1.77	0.74	-348	79.89	-5.80	1.33
00:26:39	10	41.035000	-92.192500	35	40	320	1958	6424	07.9V 20C HDOP00.9 SATS09	-148	22	-2.47	0.36	-486	78.65	-8.10	1.31
00:26:59	20	41.036330	-92.194000	33	38	323	1903	6242	07.9V 20C HDOP00.9 SATS09	-166	11	-2.77	0.18	-546	77.29	-9.10	1.29
00:27:04	5	41.036670	-92.194330	34	39	0	1890	6201	07.9V 20C HDOP00.9 SATS09	-150	42	-2.50	0.69	-492	76.05	-8.20	1.27
00:27:14	10	41.037330	-92.194830	33	38	323	1872	6143	07.9V 20C HDOP00.9 SATS09	-106	21	-1.77	0.34	-348	75.13	-5.80	1.25
00:27:20	6	41.037670	-92.195330	33	38	320	1858	6095	07.9V 20C HDOP00.9 SATS09	-146	34	-2.44	0.56	-480	73.93	-8.00	1.23
00:27:25	5	41.038170	-92.195670	45	52	0	1840	6038	07.9V 20C HDOP00.9 SATS09	-209	40	-3.48	0.67	-684	72.29	-11.40	1.20
00:27:42	17	41.039170	-92.197170	33	38	313	1797	5895	07.9V 20C HDOP00.9 SATS09	-154	11	-2.56	0.19	-505	71.05	-8.41	1.18
00:27:50	8	41.039670	-92.197830	31	36	311	1779	5837	07.9V 20C HDOP01.1 SATS07	-133	24	-2.21	0.40	-435	69.96	-7.25	1.17
00:27:55	5	41.039830	-92.198170	35	40	313	1774	5820	07.9V 20C HDOP00.9 SATS09	-62	38	-1.04	0.63	-204	69.37	-3.40	1.16
00:28:10	15	41.040830	-92.199670	35	40	312	1726	5664	07.9V 20C HDOP00.9 SATS09	-190	12	-3.17	0.20	-624	67.89	-10.40	1.13
00:28:19	9	41.041330	-92.200500	37	43	312	1701	5581	07.9V 20C HDOP00.9 SATS09	-169	20	-2.81	0.33	-553	66.56	-9.22	1.11
00:28:25	6	41.041670	-92.200830	31	36	312	1689	5540	07.9V 20C HDOP00.9 SATS09	-125	30	-2.08	0.50	-410	65.54	-6.84	1.09
00:28:31	6	41.042000	-92.201500	33	38	307	1673	5489	07.9V 20C HDOP00.9 SATS09	-155	29	-2.59	0.49	-510	64.32	-8.50	1.07
00:28:38	7	41.042500	-92.202170	41	47	0	1654	5428	07.9V 20C HDOP00.9 SATS09	-159	25	-2.66	0.41	-523	63.07	-8.72	1.05
00:28:45	7	41.042830	-92.202830	34	39	0	1637	5370	07.9V 20C HDOP00.9 SATS09	-151	24	-2.52	0.41	-497	61.89	-8.28	1.03
00:28:50	5	41.043170	-92.203000	29	33	0	1631	5351	07.9V 20C HDOP00.9 SATS09	-70	34	-1.16	0.56	-228	61.27	-3.81	1.02
00:28:57	7	41.043500	-92.203830	37	43	309	1604	5261	07.9V 20C HDOP00.9 SATS09	-235	24	-3.92	0.39	-771	59.52	-12.86	0.99
00:29:02	5	41.043830	-92.204330	39	45	306	1590	5215	07.9V 20C HDOP00.9 SATS09	-168	33	-2.80	0.55	-552	58.23	-9.20	0.97
00:29:10	8	41.044170	-92.205170	41	47	305	1569	5146	07.9V 20C HDOP00.9 SATS09	-158	20	-2.63	0.33	-517	57.02	-8.62	0.95

Time	Reporting Period (s)	lat	lng	Speed (Kts)	Speed (MPH)	Course	Altitude (m)	Altitude (ft)	Comment	Ascent Rate (m/min)	AVG Ascent Rate (m/min)	Ascent Rate (m/sec)	AVG Ascent Rate (m/sec)	Ascent Rate (ft/min)	AVG Ascent Rate (ft/min)	Ascent Rate (ft/sec)	AVG Ascent Rate (ft/min)
00:29:28	18	41.045330	-92.207000	43	49	305	1521	4989	07.9V 20C HDOP00.9 SATS09	-160	9	-2.66	0.14	-523	55.80	-8.72	0.93
00:29:34	6	41.045670	-92.208000	41	47	302	1501	4924	07.9V 20C HDOP00.9 SATS08	-198	25	-3.30	0.42	-650	54.33	-10.83	0.91
00:29:39	5	41.046000	-92.208500	43	49	304	1496	4908	07.9V 20C HDOP00.9 SATS09	-59	30	-0.98	0.50	-192	53.81	-3.20	0.90
00:29:45	6	41.046330	-92.209330	41	47	303	1469	4819	07.9V 20C HDOP00.9 SATS09	-271	24	-4.52	0.41	-890	51.85	-14.83	0.86
00:29:50	5	41.046670	-92.210000	44	51	302	1464	4803	07.9V 20C HDOP00.9 SATS09	-59	29	-0.98	0.49	-192	51.34	-3.20	0.86
00:29:55	5	41.047000	-92.210500	46	53	302	1446	4745	07.9V 20C HDOP00.9 SATS09	-212	29	-3.53	0.48	-696	49.79	-11.59	0.83
00:30:11	16	41.048170	-92.212670	46	53	307	1398	4587	07.9V 22C HDOP00.9 SATS09	-181	9	-3.01	0.14	-593	48.46	-9.88	0.81
00:30:17	6	41.048500	-92.213170	33	38	0	1387	4552	07.9V 22C HDOP00.9 SATS09	-107	23	-1.78	0.38	-350	47.64	-5.83	0.79
00:30:24	7	41.048830	-92.214000	44	51	311	1379	4525	07.9V 22C HDOP00.9 SATS08	-71	19	-1.18	0.32	-231	47.06	-3.86	0.78
00:30:35	11	41.049830	-92.215330	48	55	311	1343	4405	07.9V 22C HDOP00.9 SATS09	-200	12	-3.33	0.20	-655	45.62	-10.91	0.76
00:30:42	7	41.050330	-92.216170	50	58	311	1328	4356	07.9V 22C HDOP00.9 SATS09	-128	18	-2.13	0.30	-420	44.66	-7.00	0.74
00:31:01	19	41.052000	-92.218500	52	60	315	1279	4197	07.9V 22C HDOP00.9 SATS09	-153	6	-2.55	0.11	-502	43.54	-8.37	0.73
00:31:08	7	41.052670	-92.219330	50	58	312	1263	4145	07.9V 22C HDOP00.9 SATS07	-136	17	-2.26	0.28	-446	42.54	-7.43	0.71
00:31:13	5	41.053000	-92.219830	50	58	312	1258	4126	07.9V 22C HDOP00.9 SATS08	-70	24	-1.16	0.39	-228	41.99	-3.81	0.70
00:31:18	5	41.053330	-92.220330	52	60	314	1242	4074	07.9V 22C HDOP00.9 SATS09	-190	23	-3.17	0.39	-624	40.63	-10.39	0.68
00:31:24	6	41.054170	-92.221330	50	58	315	1225	4019	07.9V 22C HDOP00.9 SATS09	-168	19	-2.80	0.32	-550	39.43	-9.17	0.66
00:31:30	6	41.054670	-92.221830	50	58	317	1208	3964	07.9V 22C HDOP00.9 SATS08	-168	19	-2.79	0.31	-550	38.24	-9.16	0.64
00:31:45	15	41.056170	-92.223830	48	55	318	1164	3820	07.9V 22C HDOP00.9 SATS09	-176	7	-2.93	0.12	-576	36.99	-9.60	0.62
00:31:52	7	41.056500	-92.224170	46	53	319	1160	3807	07.9V 22C HDOP01.1 SATS06	-34	15	-0.57	0.25	-112	36.69	-1.86	0.61
00:31:58	6	41.057330	-92.225000	44	51	321	1139	3736	07.9V 22C HDOP00.9 SATS08	-216	17	-3.61	0.28	-710	35.19	-11.83	0.59
00:32:03	5	41.057670	-92.225500	44	51	320	1131	3709	07.9V 22C HDOP00.9 SATS09	-99	20	-1.65	0.34	-324	34.46	-5.40	0.57
00:32:08	5	41.058170	-92.226000	43	49	317	1113	3653	07.9V 22C HDOP00.9 SATS09	-205	20	-3.41	0.33	-672	33.04	-11.20	0.55
00:32:13	5	41.058500	-92.226500	44	51	321	1105	3625	07.9V 22C HDOP00.9 SATS08	-102	19	-1.71	0.32	-336	32.31	-5.60	0.54
00:32:19	6	41.059000	-92.227000	41	47	317	1096	3595	07.9V 22C HDOP01.4 SATS07	-91	16	-1.52	0.27	-300	31.64	-5.00	0.53
00:32:25	6	41.059500	-92.227670	43	49	315	1077	3535	07.9V 22C HDOP00.9 SATS08	-183	16	-3.05	0.26	-600	30.38	-10.00	0.51
00:32:44	19	41.060830	-92.229500	41	47	312	1035	3395	07.9V 22C HDOP00.9 SATS09	-135	5	-2.25	0.08	-442	29.44	-7.37	0.49
00:32:49	5	41.061170	-92.230000	41	47	0	1023	3355	07.9V 22C HDOP00.9 SATS09	-146	17	-2.44	0.29	-480	28.43	-8.01	0.47
00:32:55	6	41.061500	-92.230500	43	49	314	1013	3324	07.9V 22C HDOP01.1 SATS08	-94	14	-1.57	0.24	-310	27.75	-5.16	0.46
00:33:00	5	41.061830	-92.231000	37	43	313	996	3268	07.9V 22C HDOP00.9 SATS09	-205	17	-3.41	0.28	-672	26.37	-11.20	0.44
00:33:17	17	41.063170	-92.232670	39	45	313	949	3115	07.9V 22C HDOP00.9 SATS09	-165	5	-2.74	0.08	-540	25.25	-9.00	0.42
00:33:24	7	41.063500	-92.233330	41	47	314	935	3067	07.9V 22C HDOP01.1 SATS08	-125	11	-2.09	0.18	-411	24.39	-6.86	0.41
00:33:29	5	41.064000	-92.233830	39	45	315	931	3054	07.9V 22C HDOP01.1 SATS08	-48	15	-0.79	0.25	-156	24.03	-2.60	0.40
00:33:50	21	41.065330	-92.235670	35	40	317	882	2893	07.9V 22C HDOP00.9 SATS09	-140	3	-2.34	0.05	-460	23.08	-7.67	0.38
00:34:06	16	41.066500	-92.237170	37	43	316	853	2800	07.9V 22C HDOP01.1 SATS08	-106	4	-1.77	0.07	-349	22.35	-5.81	0.37
00:34:23	17	41.067500	-92.238500	35	40	316	827	2712	07.9V 22C HDOP00.9 SATS09	-95	4	-1.58	0.06	-311	21.70	-5.18	0.36
00:34:39	16	41.068500	-92.240170	39	45	314	797	2616	07.9V 22C HDOP00.9 SATS09	-110	4	-1.83	0.06	-360	20.96	-6.00	0.35
00:35:03	24	41.069670	-92.241500	39	45	312	770	2527	07.9V 22C HDOP01.1 SATS08	-68	2	-1.13	0.04	-223	20.48	-3.71	0.34
00:35:12	9	41.070830	-92.243000	35	40	315	740	2428	07.9V 22C HDOP00.9 SATS09	-201	6	-3.35	0.10	-660	19.16	-11.00	0.32
00:35:28	16	41.072000	-92.244330	35	40	315	706	2317	07.9V 22C HDOP00.9 SATS09	-127	3	-2.11	0.05	-416	18.31	-6.94	0.31
00:35:44	16	41.073000	-92.245500	37	43	322	674	2210	07.9V 22C HDOP00.9 SATS09	-122	3	-2.04	0.05	-401	17.50	-6.69	0.29
00:36:01	17	41.074170	-92.246830	35	40	315	636	2085	07.9V 22C HDOP00.9 SATS09	-134	2	-2.24	0.04	-441	16.61	-7.35	0.28
00:36:19	18	41.075330	-92.248170	35	40	325	602	1976	07.9V 24C HDOP00.9 SATS09	-111	2	-1.85	0.03	-363	15.88	-6.06	0.26
00:36:34	15	41.076500	-92.249330	44	51	319	553	1815	07.9V 24C HDOP00.9 SATS09	-196	2	-3.27	0.03	-644	14.61	-10.73	0.24
00:36:51	17	41.077670	-92.250670	35	40	324	506	1660	07.9V 24C HDOP00.8 SATS10	-167	1	-2.78	0.02	-547	13.53	-9.12	0.23
00:37:06	15	41.079000	-92.251670	41	47	320	444	1456	07.9V 24C HDOP00.8 SATS10	-249	1	-4.15	0.02	-816	11.93	-13.60	0.20
00:37:39	33	41.081000	-92.254170	31	36	317	350	1149	07.9V 24C HDOP00.8 SATS10	-170	0	-2.84	0.00	-558	10.84	-9.30	0.18
00:37:56	17	41.082000	-92.255170	30	35	322	315	1033	07.9V 24C HDOP00.8 SATS10	-125	0	-2.08	0.00	-409	10.04	-6.82	0.17