

2023.11.10 - Laramie County 4H Robotics Cheyenne - SatCom Data PROCESSED (Flight Only)

Date	Time(UTC)	Time(Local)	Time(s)	Flight Time(s)	Running Time(s)	Latitude	Longitude	Altitude(m)	Altitude(ft)	Speed(kn)	Speed(mph)	Heading(deg)	Avg Rate(ft/min)	Avg Rate(m/s)	Rel Humidity(%)	RH Radioonde(%)	Temp(C)	Temp(F)	Temp Radioonde(C)	Temp Radioonde(F)	Pressure(mBar)	Pressure(PSI)	Accel-X (G)	Accel-Y (G)	Accel-Z (G)
11/10/2023	17:21:05	10:21:05	62465	0	0	41.1718	-104.7616	1866	6120.5	0	0	0	0	0	14	14	57.2	8	46.4	816	11.84	0	0	0	
11/10/2023	17:21:17	10:21:17	62477	12	12	41.172	-104.761	1937.9	6356.3	10.69	12.3	104.12	1179.1	5.99	13.98	12	13.06	55.51	7	44.6	810.29	11.75	0.12	-0.04	-1.04
11/10/2023	17:21:22	10:21:22	62482	17	17	41.1719	-104.7605	1969.5	6490	18.64	21.45	89.93	1244.09	6.32	13.91	12	12.81	55.06	6.6	43.88	807.26	11.71	0.09	-0.07	-0.96
11/10/2023	17:21:27	10:21:27	62487	22	22	41.172	-104.7601	2003.4	6571.2	7.04	8.1	67.34	1334.65	6.78	13.86	12	12.81	55.06	6.1	42.98	803.91	11.66	0.12	-0.04	-0.96
11/10/2023	17:21:32	10:21:32	62492	27	27	41.172	-104.7597	2039.3	6688.9	17.01	19.57	98.08	1413.39	7.18	13.83	13	12.56	54.61	5.5	41.9	800.41	11.61	0.1	0.01	-0.97
11/10/2023	17:21:37	10:21:37	62497	32	32	41.1719	-104.7592	2079.2	6818.8	11.25	12.94	96.84	1570.86	7.98	13.76	13	12.06	53.71	5.3	41.54	796.47	11.55	-0.06	0.04	-0.94
11/10/2023	17:21:42	10:21:42	62502	37	37	41.172	-104.7589	2111.4	6925.4	15.93	18.33	74.1	1267.73	6.44	13.7	13	11.94	53.49	5.1	41.18	793.44	11.51	0.04	-0.11	-0.92
11/10/2023	17:21:47	10:21:47	62507	42	42	41.1721	-104.7584	2144.8	7034.9	18	20.72	76.82	1314.96	6.68	13.69	14	11.94	53.49	4.6	40.28	790.17	11.46	0.04	0.01	-0.94
11/10/2023	17:21:52	10:21:52	62512	47	47	41.1721	-104.7578	2180.9	7153.4	19.48	22.41	66.02	1421.26	7.22	13.73	14	11.5	52.7	4.2	39.56	786.76	11.41	0.05	-0.12	-0.93
11/10/2023	17:21:57	10:21:57	62517	52	52	41.1722	-104.7574	2212.3	7256.3	12.66	14.57	92.63	1236.22	6.28	13.73	14	11.88	53.38	3.9	39.02	783.75	11.37	0.03	-0.14	-1.01
11/10/2023	17:22:02	10:22:02	62522	57	57	41.1722	-104.757	2245.6	7365.6	16.41	18.88	98.19	1311.03	6.66	13.77	15	11.31	52.36	3.5	38.3	780.46	11.32	0.04	-0.06	-0.93
11/10/2023	17:22:07	10:22:07	62527	62	62	41.1722	-104.7564	2279	7475.1	16.83	19.37	68.75	1314.96	6.68	13.78	15	11.5	52.7	3.1	37.58	777.25	11.27	0.09	-0.12	-1.03
11/10/2023	17:22:12	10:22:12	62532	67	67	41.1723	-104.756	2316.4	7597.8	10.76	12.38	83.26	1472.45	7.48	13.8	15	10.94	51.69	2.7	36.86	773.73	11.22	0	-0.01	-0.95
11/10/2023	17:22:17	10:22:17	62537	72	72	41.1723	-104.7556	2356.2	7728.3	17.11	19.7	77.11	1566.92	7.96	13.81	15	10.25	50.45	2.4	36.32	769.86	11.17	0.09	-0.18	-1
11/10/2023	17:22:22	10:22:22	62542	77	77	41.1724	-104.7552	2397.4	7863.5	9.43	10.85	59.75	1622.06	8.24	13.84	16	9.94	49.89	2	35.6	766.05	11.11	0.02	-0.12	-0.92
11/10/2023	17:22:27	10:22:27	62547	82	82	41.1725	-104.7549	2430.1	7970.7	12.64	14.54	91.15	1287.4	6.54	13.91	16	9.69	49.44	1.7	35.06	762.87	11.06	-0.03	-0.1	-1
11/10/2023	17:22:32	10:22:32	62552	87	87	41.1725	-104.7544	2467.7	8094.1	16.28	18.73	73.53	1480.31	7.52	13.99	17	9.75	49.55	1.3	34.34	759.26	11.01	0.18	-0.06	-1
11/10/2023	17:22:37	10:22:37	62557	92	92	41.1726	-104.754	2511.3	8237.1	11.57	13.31	72	1716.54	8.72	14.08	17	10.19	50.34	0.9	33.62	755.21	10.95	0.09	-0.19	-0.9
11/10/2023	17:22:42	10:22:42	62562	97	97	41.1726	-104.7536	2548.9	8360.4	18.02	20.74	87.94	1480.31	7.52	14.18	17	10.19	50.34	0.5	32.9	751.68	10.9	0.01	-0.14	-1.01
11/10/2023	17:22:47	10:22:47	62567	102	102	41.1726	-104.753	2588.9	8491.6	17.37	19.99	76.07	1574.8	8	14.27	18	9.06	48.31	0.1	32.18	747.82	10.85	-0.12	-0.11	-0.96
11/10/2023	17:22:52	10:22:52	62572	107	107	41.1728	-104.7525	2632.2	8633.6	18.15	18.59	54.29	1704.73	8.86	14.32	18	8.88	47.88	-0.3	31.46	743.94	10.79	0.12	-0.13	-0.91
11/10/2023	17:22:57	10:22:57	62577	112	112	41.173	-104.7522	2668.9	8754	15	17.26	78.66	1444.89	7.34	14.39	19	7.31	45.16	-0.7	30.74	740.52	10.74	-0.02	-0.08	-1.02
11/10/2023	17:23:02	10:23:02	62582	117	117	41.173	-104.7517	2712.3	8896.3	14.69	16.91	83.85	1708.65	8.68	14.55	19	8.25	46.85	-1.1	30.02	736.44	10.68	0.11	-0.05	-0.96
11/10/2023	17:23:07	10:23:07	62587	122	122	41.1731	-104.7512	2753.9	9032.8	18.14	20.87	62.31	1637.8	8.32	14.71	18	8.06	46.51	-1.3	29.66	732.61	10.63	0.2	-0.15	-0.93
11/10/2023	17:23:12	10:23:12	62592	127	127	41.1732	-104.7507	2792.9	9160.7	12.64	14.55	74.75	1535.44	7.8	14.71	19	8	46.4	-1.8	28.76	729.03	10.57	0.06	-0.19	-1.02
11/10/2023	17:23:17	10:23:17	62597	132	132	41.1732	-104.7501	2827.4	9273.9	18.99	21.85	94.44	1358.26	6.9	14.74	19	8.06	46.51	-2.1	28.22	725.95	10.53	0.08	0.09	-0.91
11/10/2023	17:23:22	10:23:22	62602	137	137	41.1731	-104.7494	2855.1	9364.7	26.28	30.24	91.28	1090.55	5.54	14.83	18	6.69	44.04	-2	28.4	723.45	10.49	0.03	-0.06	-1.05
11/10/2023	17:23:27	10:23:27	62607	142	142	41.1731	-104.7488	2882.6	9454.9	20.82	23.96	93.42	1082.68	5.5	14.77	17	6.38	43.48	-2.2	28.04	720.96	10.46	-0.03	-0.19	-0.95
11/10/2023	17:23:32	10:23:32	62612	147	147	41.1731	-104.7481	2912	9551.4	19.38	22.31	80.15	1157.47	5.88	14.6	17	5.63	42.13	-2.5	27.5	718.3	10.42	0.05	-0.05	-0.95
11/10/2023	17:23:37	10:23:37	62617	152	152	41.1732	-104.7476	2943.9	9656	16.98	19.55	102.2	1255.91	6.38	14.51	17	5.25	41.45	-2.8	26.96	715.35	10.38	0.08	-0.09	-0.96
11/10/2023	17:23:42	10:23:42	62622	157	157	41.1731	-104.747	2977.2	9765.2	22.61	26.02	81.82	1311.02	6.68	14.47	18	6	42.8	-3.1	26.42	712.42	10.33	0.01	-0.02	-0.93
11/10/2023	17:23:47	10:23:47	62627	162	162	41.1732	-104.7465	3006.7	9862	14.46	16.84	87.97	1161.41	5.9	14.44	18	6.5	43.7	-3.4	25.88	709.82	10.3	0.06	-0.1	-1.02
11/10/2023	17:23:52	10:23:52	62632	167	167	41.1731	-104.746	3040.4	9972.5	17.62	20.28	113.12	1326.79	6.74	14.43	18	5.81	42.46	-3.7	25.34	706.84	10.25	0	-0.03	-0.99
11/10/2023	17:23:57	10:23:57	62637	172	172	41.173	-104.7454	3068.7	10065.3	21.77	25.05	90.63	1114.16	6.66	14.46	18	5.31	41.56	-3.9	24.88	704.26	10.21	0.03	-0.11	-0.99
11/10/2023	17:24:02	10:24:02	62642	177	177	41.173	-104.7448	3100.2	10168.7	15.29	17.6	96.87	1240.16	6.3	14.5	18	5.63	42.13	-4.2	24.44	701.27	10.17	0	-0.13	-0.98
11/10/2023	17:24:07	10:24:07	62647	182	182	41.1729	-104.7442	3132.5	10274.6	22.5	25.89	107.71	1271.66	6.46	14.52	18	5.81	42.46	-4.4	24.08	698.63	10.13	0.05	-0.11	-0.91
11/10/2023	17:24:12	10:24:12	62652	187	187	41.1728	-104.7436	3160.1	10365.1	20.3	23.36	93.01	1086.61	5.52	14.53	18	6.31	43.36	-4.5	23.9	696.16	10.1	0.08	-0.09	-0.98
11/10/2023	17:24:17	10:24:17	62657	192	192	41.1728	-104.7431	3192.7	10472.1	13.94	16.05	104.24	1283.46	6.52	14.51	18	6	42.8	-4.6	23.72	693.34	10.06	0.09	-0.18	-0.98
11/10/2023	17:24:22	10:24:22	62662	197	197	41.1726	-104.7425	3224	10574.7	22.16	25.5	113.63	1232.29	6.26	14.46	18	5.69	42.24	-4.9	23.18	690.59	10.02	-0.04	-0.12	-0.91
11/10/2023	17:24:27	10:24:27	62667	202	202	41.1725	-104.7418	3251.8	10665.9	22.72	26.15	94.31	1094.5	5.56	14.41	18	5.38	41.68	-5.2	22.64	688.18	9.98	0.12	-0.02	-1
11/10/2023	17:24:32	10:24:32	62672	207	207	41.1724	-104.7413	3282.4	10768.3	17.91	20.61	116.86	1204.72	6.12	14.35	17	5.31	41.56	-5.5	22.1	685.24	9.94	0.16	-0.07	-1
11/10/2023	17:24:37	10:24:37	62677	212	212	41.1723	-104.7406	3312.9	10863.3	25.05	28.83	96.94	1200.79	6.1	14.27	18	4.69	40.44	-5.7	21.74	682.86	9.9	0.06	-0.04	-0.89
11/10/2023	17:24:42	10:24:42	62682	217	217	41.1722	-104.7398	3338.2	10943.3	22.14	25.47	90.72	996.06	5.06	14.21	18	4.31	39.76	-6	21.2	680.67	9.87	-0.09	-0.13	-0.98
11/10/2023	17:24:47	10:24:47	62687	222	222	41.1721	-104.7392	3367.7	11046.1	23.08	26.56	111.9	1161.42	5.9	14.16	18	2.81	37.06	-6.3	20.66	678.1	9.84	-0.01	-0.06	-0.92
11/10/2023	17:24:52	10:24:52	62692	227	227	41.1719	-104.7386	3399.1	11149	27.42	31.55	110.8	1236.22	6.28	14.14	18	2.89	36.84	-6.6	20.12	675.43	9.8	0.08	-0.08	-

11/10/2023	17:31:42	10:31:42	63102	637	637	41.1695	-104.6797	5902.1	19358.9	36.05	41.49	70.44	1397.65	7.1	9.78	4	-8.31	17.04	-21.7	-7.06	486.6	7.06	0.05	-0.13	-0.96
11/10/2023	17:31:47	10:31:47	63107	642	642	41.1698	-104.6788	5933.4	19461.6	28.97	33.34	63.01	1232.27	6.26	9.7	3	-8.63	16.47	-21.7	-7.06	484.58	7.03	-0.02	-0.13	-0.99
11/10/2023	17:31:52	10:31:52	63112	647	647	41.1701	-104.6779	5966.2	19569.1	30.68	35.31	73.92	1291.36	6.56	9.61	2	-8.63	16.47	-21.8	-7.24	482.34	7	0.1	-0.09	-0.99
11/10/2023	17:31:57	10:31:57	63117	652	652	41.1703	-104.6769	6005	19696.4	35.01	40.28	70.02	1527.54	7.76	9.51	2	-8.13	17.37	-22	-7.6	479.88	6.96	0.08	-0.08	-0.85
11/10/2023	17:32:02	10:32:02	63122	657	657	41.1706	-104.676	6033.8	19790.9	27.83	32.03	71.38	1133.88	5.76	9.39	2	-8.31	17.04	-22.1	-7.78	478.13	6.93	-0.03	-0.15	-0.93
11/10/2023	17:32:07	10:32:07	63127	662	662	41.1707	-104.6752	6059.5	19875.2	28.82	33.16	72.64	1011.8	5.14	9.32	2	-9.56	14.79	-22	-7.6	476.3	6.91	0.08	-0.1	-0.98
11/10/2023	17:32:12	10:32:12	63132	667	667	41.171	-104.6744	6090.8	19977.8	35.15	40.45	67.45	1232.3	6.26	9.21	1	-8.13	17.37	-21.8	-7.24	474.22	6.88	0.02	-0.07	-0.95
11/10/2023	17:32:17	10:32:17	63137	672	672	41.1712	-104.6733	6119	20070.3	36.78	42.32	82.24	1110.21	5.64	9.11	1	-7.13	19.17	-21.7	-7.06	472.58	6.85	0.05	-0.06	-0.94
11/10/2023	17:32:22	10:32:22	63142	677	677	41.1713	-104.6722	6142.2	20146.4	35.52	40.87	87.12	913.41	4.84	9.01	1	-9.25	15.35	-21.7	-7.06	471.06	6.83	-0.01	-0.06	-0.99
11/10/2023	17:32:27	10:32:27	63147	682	682	41.1713	-104.6711	6166.6	20228.4	39.44	45.39	82.35	980.61	4.88	8.92	1	-10.81	12.54	-21.7	-7.06	469.53	6.81	0	-0.09	-0.94
11/10/2023	17:32:32	10:32:32	63152	687	687	41.1715	-104.6699	6190.5	20304.8	35.49	40.84	75.17	940.95	4.78	8.82	1	-11.69	10.96	-21.8	-7.24	468.06	6.79	0.03	-0.12	-0.95
11/10/2023	17:32:37	10:32:37	63157	692	692	41.1717	-104.6689	6216.7	20390.8	31.58	36.34	88.38	1031.51	5.24	8.71	1	-11.88	10.62	-21.9	-7.42	466.34	6.76	0.05	-0.08	-0.95
11/10/2023	17:32:42	10:32:42	63162	697	697	41.1716	-104.6679	6239.9	20466.9	37.26	42.87	92.81	913.38	4.64	8.6	1	-10.44	13.21	-22	-7.6	464.96	6.74	0.09	-0.08	-0.96
11/10/2023	17:32:47	10:32:47	63167	702	702	41.1716	-104.6667	6261.9	20539	36.86	42.42	94.21	866.13	4.4	8.52	1	-9.75	14.45	-22.2	-7.96	463.51	6.72	0.06	-0.09	-0.99
11/10/2023	17:32:52	10:32:52	63172	707	707	41.1716	-104.6657	6291.7	20636.8	30.68	35.31	86.92	1173.23	5.96	8.44	1	-10.13	13.77	-22.4	-8.32	461.67	6.7	0.11	0	-0.96
11/10/2023	17:32:57	10:32:57	63177	712	712	41.1717	-104.6647	6316.6	20718.4	32.65	37.57	79.58	980.32	4.98	8.35	1	-10.13	13.77	-22.6	-8.68	460.1	6.67	0.11	-0.03	-1.01
11/10/2023	17:33:02	10:33:02	63182	717	717	41.1718	-104.6637	6346.8	20817.5	37.43	43.07	84.66	1188.98	6.04	8.31	1	-10.13	13.77	-22.7	-8.86	458.18	6.65	0.02	-0.13	-0.98
11/10/2023	17:33:07	10:33:07	63187	722	722	41.1718	-104.6625	6382.4	20934.3	36.73	42.27	96.8	1401.56	7.12	8.23	1	-9.56	14.79	-22.9	-9.22	455.97	6.61	0.03	-0.11	-0.94
11/10/2023	17:33:12	10:33:12	63192	727	727	41.1716	-104.6614	6408.3	21019.2	39.92	45.94	97.52	1019.7	5.18	8.16	1	-11.25	11.75	-23.1	-9.58	454.49	6.59	0.06	-0.05	-1.01
11/10/2023	17:33:17	10:33:17	63197	732	732	41.1715	-104.6603	6437.3	21114.3	34.44	39.63	95.88	1141.73	5.8	8.09	1	-11.63	11.07	-23.3	-9.94	452.67	6.57	0.04	-0.05	-0.99
11/10/2023	17:33:22	10:33:22	63202	737	737	41.1715	-104.6592	6469.9	21213.3	41.75	48.04	87.8	1283.44	6.52	8.02	1	-11.06	12.09	-23.6	-10.48	450.54	6.53	0.05	-0.11	-0.93
11/10/2023	17:33:27	10:33:27	63207	742	742	41.1715	-104.6578	6497.4	21311.5	44.95	51.73	93.26	1082.7	5.5	7.98	1	-11.06	12.09	-23.8	-10.84	449.07	6.51	0.02	-0.02	-0.96
11/10/2023	17:33:32	10:33:32	63212	747	747	41.1714	-104.6565	6521.6	21390.8	37.92	43.64	97.69	952.76	4.84	7.91	1	-9.81	14.34	-24.1	-11.38	447.6	6.49	0.1	-0.07	-0.99
11/10/2023	17:33:37	10:33:37	63217	752	752	41.1714	-104.6555	6548.5	21479.1	34.81	40.06	87.13	1059.05	5.38	7.88	1	-10.81	12.54	-24.3	-11.74	445.87	6.47	0.07	-0.12	-1
11/10/2023	17:33:42	10:33:42	63222	757	757	41.1715	-104.6543	6580.7	21584.7	41.9	48.22	87.61	1267.73	6.44	7.81	2	-11.38	11.62	-24.7	-12.48	443.97	6.44	0.14	-0.08	-0.93
11/10/2023	17:33:47	10:33:47	63227	762	762	41.1714	-104.653	6612.8	21690	39.6	45.57	89.76	1263.77	6.42	7.76	2	-12.06	10.29	-24.9	-12.82	441.97	6.41	0.07	0.01	-0.99
11/10/2023	17:33:52	10:33:52	63232	767	767	41.1714	-104.652	6646.9	21801.8	33.04	38.03	85.32	1342.5	6.82	7.75	3	-12.13	10.17	-25.2	-13.36	439.99	6.38	0.06	-0.09	-0.85
11/10/2023	17:33:57	10:33:57	63237	772	772	41.1715	-104.6509	6670.7	21879.9	34.58	39.79	94.64	937.03	4.76	7.69	4	-13.81	7.14	-25.5	-13.9	438.55	6.36	0.07	-0.08	-1.01
11/10/2023	17:34:02	10:34:02	63242	777	777	41.1715	-104.6498	6701.2	21979.9	41.47	47.72	93.46	1200.77	6.1	7.65	4	-14.06	6.69	-25.8	-14.44	436.66	6.33	0.1	-0.13	-0.93
11/10/2023	17:34:07	10:34:07	63247	782	782	41.1715	-104.6485	6729.1	22071.4	43.13	49.84	82.33	1098.42	5.58	7.62	4	-13.94	6.91	-26.1	-14.98	435.02	6.31	0.02	-0.01	-1.01
11/10/2023	17:34:12	10:34:12	63252	787	787	41.1716	-104.6473	6759	22169.5	34.38	39.56	79.42	1177.17	5.98	7.62	4	-12.94	8.71	-26.4	-15.52	433.23	6.28	0.05	-0.04	-0.99
11/10/2023	17:34:17	10:34:17	63257	792	792	41.1717	-104.6462	6789.8	22270.5	35.77	41.17	92.2	1212.61	6.16	7.61	5	-12.31	9.84	-26.7	-16.06	431.34	6.26	0.05	-0.1	-0.91
11/10/2023	17:34:22	10:34:22	63262	797	797	41.1716	-104.645	6817.3	22367.7	41.78	48.08	86.05	1082.67	5.5	7.61	6	-12	10.4	-27	-16.6	429.78	6.23	0.05	-0.1	-1.02
11/10/2023	17:34:27	10:34:27	63267	802	802	41.1718	-104.6438	6853.4	22479.2	34.61	39.83	78.45	1421.25	7.22	7.61	7	-11.88	10.62	-27.3	-17.14	427.85	6.2	0.11	-0.1	-0.94
11/10/2023	17:34:32	10:34:32	63272	807	807	41.1718	-104.6428	6888.7	22594.9	38.32	44.1	88.02	1397.77	7.06	7.59	8	-11.25	11.75	-27.6	-17.68	425.56	6.17	0.01	-0.13	-0.97
11/10/2023	17:34:37	10:34:37	63277	812	812	41.1719	-104.6415	6923.4	22708.8	31.98	47.62	74.62	1366.13	6.94	7.59	9	-10.81	12.54	-27.9	-18.22	423.64	6.14	0.09	-0.05	-0.91
11/10/2023	17:34:42	10:34:42	63282	817	817	41.1722	-104.6404	6951.5	22800.9	38.33	44.8	74.05	1106.3	6.82	7.62	11	-11.69	10.96	-28.1	-18.58	421.95	6.12	0.01	-0.11	-0.97
11/10/2023	17:34:47	10:34:47	63287	822	822	41.1724	-104.6394	6981.3	22898.7	32.2	37.06	82.97	1173.26	5.96	7.65	12	-12.63	9.27	-28.3	-18.94	420.2	6.09	0.02	-0.05	-0.97
11/10/2023	17:34:52	10:34:52	63292	827	827	41.1725	-104.6383	7005.9	22979.4	38.02	43.76	88.3	968.48	4.92	7.62	14	-13.63	7.47	-28.6	-19.48	418.67	6.07	0.05	-0.1	-0.99
11/10/2023	17:34:57	10:34:57	63297	832	832	41.1725	-104.6372	7030.3	23059.4	33.68	38.76	87.58	960.63	4.88	7.69	14	-13.81	7.14	-28.8	-19.84	417.31	6.05	0.08	-0.13	-0.98
11/10/2023	17:35:02	10:35:02	63302	837	837	41.1726	-104.6362	7058.3	23151.2	32.8	37.52	73.21	1102.38	5.6	7.72	14	-13.69	7.36	-29.1	-20.38	415.7	6.03	0.06	-0.09	-1
11/10/2023	17:35:07	10:35:07	63307	842	842	41.1729	-104.6351	7089.6	23253.9	40.27	46.34	79.38	1232.27	6.26	7.76	14	-12.75	9.05	-29.3	-20.74	413.87	6	0.09	-0.04	-0.95
11/10/2023	17:35:12	10:35:12	63312	847	847	41.1729	-104.6339	7119.5	23352	40.2	46.26	88.66	1177.15	5.98	7.81	14	-13.56	7.59	-29.6	-21.28	412.2	5.98	0.02	-0.02	-0.95
11/10/2023	17:35:17	10:35:17	63317	852	852	41.173	-104.6326	7147	23442.2	39.53	45.49	83.64	1082.67	5.5	7.89	13	-14.13	6.57	-29.8	-21.84	410.6	5.96	0.05	-0.12	-0.99
11/10/2023	17:35:22	10:35:22	63322	857	857	41.1731	-104.6315	7179.1	23547.4	35.52	40.87	73.95	1263.8	6.42	7.93	13	-14.75	5.45	-30.1	-22.18	408.78	5.93	0.08	-0.11	-0.9
11/10/2023	17:35:27	10:35:27	63327	862	862	41.1733	-104.6305	7204.2	23629.8	36.78	42.33	73.93	988.2	6.02	8.01	13	-16.44	2.41	-30.4	-22.72	407.39	5.91	0.09	-0.	

11/10/2023	17:42:27	10:42:27	63747	1282	1282	41.1707	-104.5439	9686.3	31777.6	27.01	31.09	73.32	1330.71	6.76	11.95	55	-32.06	-25.71	-50.6	-59.08	293.91	4.12	0	-0.12	-0.99
11/10/2023	17:42:32	10:42:32	63752	1287	1287	41.1709	-104.543	9722.1	31888.5	35.33	40.65	79.12	1330.73	6.76	11.95	55	-33.06	-27.51	-50.8	-59.44	282.47	4.1	0.1	-0.1	-0.9
11/10/2023	17:42:37	10:42:37	63757	1292	1292	41.1711	-104.5419	9751.4	31984.6	36.24	41.71	81.86	1153.52	5.86	11.98	55	-32.25	-26.05	-51.1	-59.98	281.22	4.08	0.02	-0.13	-1.01
11/10/2023	17:42:42	10:42:42	63762	1297	1297	41.1711	-104.5408	9789.6	32109.9	33.03	38.01	77.1	1503.96	7.64	11.97	54	-33.19	-27.74	-51.4	-60.52	279.56	4.05	-0.05	-0.11	-0.86
11/10/2023	17:42:47	10:42:47	63767	1302	1302	41.1713	-104.54	9824.6	32224.7	24.35	28.02	84.29	1377.94	7	12.01	53	-33.06	-27.51	-51.7	-61.06	278.08	4.03	0.05	-0.08	-0.97
11/10/2023	17:42:52	10:42:52	63772	1307	1307	41.1713	-104.5393	9855.3	32325.4	22.52	25.92	93.37	1208.63	6.14	12.04	52	-31.38	-24.48	-52	-61.8	276.75	4.01	0.08	-0.17	-0.99
11/10/2023	17:42:57	10:42:57	63777	1312	1312	41.1713	-104.5385	9885.6	32424.8	31.98	36.8	90.5	1192.95	6.06	12.07	53	-32.31	-26.16	-52.3	-62.14	275.53	4	0.03	0.03	-0.94
11/10/2023	17:43:02	10:43:02	63782	1317	1317	41.1714	-104.5375	9918	32531	32.49	37.38	77.79	1275.59	6.48	12.11	53	-31.75	-25.15	-52.6	-62.68	274.12	3.98	0.01	0.02	-0.88
11/10/2023	17:43:07	10:43:07	63787	1322	1322	41.1716	-104.5366	9949.6	32634.7	25.54	29.39	72.18	1244.11	6.32	12.17	53	-32.19	-25.94	-52.9	-63.22	272.78	3.96	0.06	-0.14	-1.01
11/10/2023	17:43:12	10:43:12	63792	1327	1327	41.1717	-104.5359	9983.3	32745.2	23.37	26.9	95.02	1326.75	6.74	12.22	52	-30.19	-22.34	-53.2	-63.76	271.4	3.94	0.01	-0.06	-1
11/10/2023	17:43:17	10:43:17	63797	1332	1332	41.1716	-104.535	10018.4	32860.4	31.24	35.95	90.27	1381.92	7.02	12.27	52	-31.88	-25.38	-53.5	-64.3	269.92	3.91	0.03	-0.05	-0.87
11/10/2023	17:43:22	10:43:22	63802	1337	1337	41.1717	-104.534	10050.3	32965	32.84	37.8	77.86	1255.88	6.38	12.34	52	-30.63	-23.13	-53.9	-65.02	268.62	3.9	-0.01	-0.06	-1.01
11/10/2023	17:43:27	10:43:27	63807	1342	1342	41.1719	-104.5331	10085.6	33080.8	25.22	29.02	68.84	1389.8	7.06	12.4	53	-29.19	-20.54	-54.2	-65.56	267.19	3.88	0.02	-0.13	-0.97
11/10/2023	17:43:32	10:43:32	63812	1347	1347	41.172	-104.5324	10121.2	33197.5	28.27	32.54	86.36	1401.56	7.12	12.43	53	-32.13	-25.83	-54.5	-66.1	265.72	3.85	-0.03	-0.07	-0.87
11/10/2023	17:43:37	10:43:37	63817	1352	1352	41.172	-104.5314	10152.4	33299.9	33.01	37.99	83.55	1228.36	6.24	12.48	52	-33.75	-28.75	-54.9	-66.82	264.43	3.84	0.01	-0.08	-1.04
11/10/2023	17:43:42	10:43:42	63822	1357	1357	41.1722	-104.5304	10187.5	33415	30.53	35.14	66.56	1381.88	7.02	12.52	51	-35.06	-31.11	-55.1	-67.18	263.03	3.81	0.09	-0.23	-1.03
11/10/2023	17:43:47	10:43:47	63827	1362	1362	41.1724	-104.5295	10224.8	33537.3	34.49	39.69	78.91	1468.45	7.46	12.57	49	-33.69	-28.64	-55.3	-67.54	261.4	3.79	0.16	-0.08	-0.96
11/10/2023	17:43:52	10:43:52	63832	1367	1367	41.1725	-104.5284	10260.1	33653.1	36.67	42.2	92.72	1389.8	7.6	12.62	48	-31.5	-24.7	-55.5	-67.9	260.07	3.77	0.09	-0.08	-0.97
11/10/2023	17:43:57	10:43:57	63837	1372	1372	41.1725	-104.5274	10283.1	33728.6	36.66	42.19	83.37	905.53	4.6	12.69	46	-32.06	-25.71	-55.7	-68.26	259.12	3.76	0.05	-0.05	-1
11/10/2023	17:44:02	10:44:02	63842	1377	1377	41.1727	-104.5264	10309.8	33816.1	32.48	37.38	70.07	1051.17	5.34	12.75	46	-31.44	-24.59	-55.8	-68.44	258.08	3.74	-0.02	-0.17	-1
11/10/2023	17:44:07	10:44:07	63847	1382	1382	41.1728	-104.5254	10341.9	33921.4	35.33	40.66	85.39	1263.8	6.42	12.81	45	-32.06	-25.71	-56.1	-68.98	256.76	3.72	0.05	-0.13	-0.94
11/10/2023	17:44:12	10:44:12	63852	1387	1387	41.1728	-104.5244	10369.7	34012.6	29.66	34.14	94.22	1094.48	5.56	12.85	44	-32.81	-27.06	-56.3	-69.34	255.65	3.71	0.06	-0.14	-0.99
11/10/2023	17:44:17	10:44:17	63857	1392	1392	41.1728	-104.5237	10397.8	34104.8	23.15	26.63	84.95	1106.25	5.82	12.93	43	-34.75	-30.55	-56.4	-69.52	254.57	3.69	0.04	-0.06	-0.95
11/10/2023	17:44:22	10:44:22	63862	1397	1397	41.1728	-104.523	10424.7	34193	22.21	25.56	82.9	1059.09	5.38	12.98	42	-34.94	-30.89	-56.6	-69.88	253.5	3.68	0.04	-0.07	-1.01
11/10/2023	17:44:27	10:44:27	63867	1402	1402	41.173	-104.5222	10457.1	34293.3	30.48	35.08	71.21	1275.61	6.48	13.01	42	-34.75	-30.55	-56.8	-70.24	252.22	3.66	0.12	-0.09	-0.94
11/10/2023	17:44:32	10:44:32	63872	1407	1407	41.1731	-104.5213	10489.9	34406.9	28.97	33.34	82.55	1291.31	6.56	13.08	41	-34.44	-29.99	-57	-70.6	250.9	3.64	0.1	-0.03	-0.92
11/10/2023	17:44:37	10:44:37	63877	1412	1412	41.1731	-104.5204	10526.6	34527.2	25.49	29.33	93.66	1444.88	7.34	13.15	40	-34.63	-30.33	-57.1	-70.78	249.48	3.62	0.04	-0.07	-0.85
11/10/2023	17:44:42	10:44:42	63882	1417	1417	41.1731	-104.5197	10555.8	34623	23.84	27.44	85.43	1419.61	5.84	13.21	39	-33.81	-28.86	-57.3	-71.14	248.26	3.6	0.1	-0.03	-0.96
11/10/2023	17:44:47	10:44:47	63887	1422	1422	41.1731	-104.519	10584	34715.5	21.2	24.39	87.56	1110.23	5.84	13.23	39	-35.13	-31.23	-57.6	-71.68	247.25	3.59	-0.01	-0.11	-0.95
11/10/2023	17:44:52	10:44:52	63892	1427	1427	41.1732	-104.5184	10609.7	34798.8	22.37	25.75	76.89	1011.8	5.14	13.33	38	-32.94	-27.29	-57.8	-72.04	246.05	3.57	0.08	-0.04	-0.95
11/10/2023	17:44:57	10:44:57	63897	1432	1432	41.1734	-104.5176	10637.8	34892	27.6	31.76	72.87	1106.3	5.82	13.38	38	-32.69	-26.84	-58	-72.4	245.17	3.56	0.01	-0.13	-0.95
11/10/2023	17:45:02	10:45:02	63902	1437	1437	41.1736	-104.5167	10668	34991	30.04	40.33	79.43	1188.98	6.04	13.42	39	-35.94	-32.69	-58.2	-72.76	244.04	3.54	0	-0.07	-0.96
11/10/2023	17:45:07	10:45:07	63907	1442	1442	41.1737	-104.5156	10696.2	35083.5	35.86	41.27	91.29	1110.23	5.84	13.45	40	-35	-31	-58.5	-73.3	242.97	3.52	0.01	-0.03	-0.95
11/10/2023	17:45:12	10:45:12	63912	1447	1447	41.1736	-104.5146	10720.8	35164.2	31.1	35.79	98.55	968.48	4.92	13.52	39	-33.06	-27.51	-58.8	-73.84	242.06	3.51	0.05	-0.02	-0.95
11/10/2023	17:45:17	10:45:17	63917	1452	1452	41.1735	-104.5138	10747.7	35252.5	28.17	32.42	96.85	1059.09	5.38	13.56	39	-33.81	-28.86	-59.1	-74.38	240.99	3.5	0.03	-0.04	-1
11/10/2023	17:45:22	10:45:22	63922	1457	1457	41.1734	-104.5129	10783.1	35366.6	27.25	31.36	104.83	1393.69	7.08	13.61	39	-36.63	-33.93	-59.4	-74.92	239.45	3.47	0.04	-0.08	-0.87
11/10/2023	17:45:27	10:45:27	63927	1462	1462	41.1732	-104.512	10813.3	35467.6	34.14	39.29	91.91	1188.98	6.04	13.61	39	-36.94	-34.49	-59.7	-75.46	238.5	3.46	0	-0.12	-0.98
11/10/2023	17:45:32	10:45:32	63932	1467	1467	41.1733	-104.511	10842.5	35563.4	32.28	37.15	76.08	1149.61	5.84	13.64	39	-35.69	-32.24	-60	-76	237.42	3.44	0.05	-0.09	-1.04
11/10/2023	17:45:37	10:45:37	63937	1472	1472	41.1735	-104.51	10879.8	35665.7	30.61	35.23	79.5	1468.5	7.46	13.69	38	-35.81	-32.46	-60.2	-76.36	235.84	3.42	0.06	-0.1	-1.02
11/10/2023	17:45:42	10:45:42	63942	1477	1477	41.1736	-104.5091	10928.5	35845.5	30.48	35.07	80.95	1917.33	9.74	13.72	37	-35.44	-31.79	-60.5	-76.9	234.12	3.4	0.15	-0.1	-0.98
11/10/2023	17:45:47	10:45:47	63947	1482	1482	41.1736	-104.5083	10971	35984.9	19.26	22.17	84.64	1673.2	8.5	13.76	37	-34.56	-31.21	-60.7	-77.26	232.61	3.37	-0.04	-0.08	-0.87
11/10/2023	17:45:52	10:45:52	63952	1487	1487	41.1737	-104.5077	10996.1	36067.2	22.81	26.25	81.9	988.22	5.02	13.78	36	-35.88	-32.58	-61	-77.8	231.7	3.36	0.1	-0.05	-1.02
11/10/2023	17:45:57	10:45:57	63957	1492	1492	41.1739	-104.507	11029.9	36178.1	29.35	33.78	67.99	1330.69	6.76	13.79	34	-36.63	-35.53	-61.2	-78.16	230.25	3.34	0.01	-0.06	-1
11/10/2023	17:46:02	10:46:02	63962	1497	1497	41.1742	-104.5061	11068.1	36303.4	31.65	36.42	76.71	1503.98	7.84	13.78	33	-37.81	-36.06	-61.4	-78.52	228.97	3.32	-0.03	-0.1	-0.99
11/10/2023	17:46:07	10:46:07	63967	1502	1502	41.1743	-104.5054	11109	36437.5	21.21	24.4	62.61	1610.2	6.18	13.8	32	-37.75	-35.95	-61.6	-78.88	227.54	3.3	0.01	-0.04	-0.86
11/10/2023	17:46:12	10:46:																							

11/10/2023	17:53:12	10:53:12	64392	1927	1927	41.1969	-104.4071	13337.4	43746.7	42.9	49.37	72.61	787.41	4	12.75	20	-38.5	-37.3	-82.1	-79.78	159.12	2.31	0.08	-0.04	-0.9
11/10/2023	17:53:17	10:53:17	64397	1932	1932	41.1971	-104.4057	13356.6	43809.6	43.83	50.44	76.34	755.91	3.84	12.75	20	-39	-38.2	-82.2	-79.96	158.62	2.3	0.05	-0.06	-0.95
11/10/2023	17:53:22	10:53:22	64402	1937	1937	41.1974	-104.4046	13371.9	43858.8	38.19	43.94	73.19	602.39	3.06	12.73	19	-37.69	-35.84	-82.2	-79.96	158.24	2.3	0.12	-0.05	-1.01
11/10/2023	17:53:27	10:53:27	64407	1942	1942	41.1976	-104.4034	13391.7	43924.8	40.95	47.13	76.13	779.48	3.96	12.69	19	-36.81	-34.26	-82.3	-80.14	157.72	2.29	0.16	-0.05	-0.89
11/10/2023	17:53:32	10:53:32	64412	1947	1947	41.1979	-104.4021	13412	43991.4	40.89	47.05	76.13	799.22	4.06	12.69	19	-37.56	-31.64	-82.4	-80.32	157.03	2.28	-0.04	-0.08	-1
11/10/2023	17:53:37	10:53:37	64417	1952	1952	41.1983	-104.401	13438.7	44078.9	36.83	42.38	61.46	1051.17	5.34	12.65	18	-36.69	-34.04	-82.4	-80.32	156.55	2.27	0.04	-0.09	-1.03
11/10/2023	17:53:42	10:53:42	64422	1957	1957	41.1987	-104.4	13469.2	44179	42.24	48.6	58.64	1200.8	6.1	12.64	18	-36.69	-34.04	-82.4	-80.32	155.73	2.26	0.05	-0.07	-1.03
11/10/2023	17:53:47	10:53:47	64427	1962	1962	41.1993	-104.3988	13498.5	44275.1	48.03	55.27	61.53	1153.55	5.86	12.64	18	-36.81	-34.26	-82.3	-80.14	154.99	2.25	0.06	-0.02	-0.88
11/10/2023	17:53:52	10:53:52	64432	1967	1967	41.1997	-104.3975	13518.5	44340.7	43.99	50.82	63.08	787.41	4	12.62	18	-36.94	-34.49	-82.2	-79.96	154.53	2.24	0.06	-0.02	-0.88
11/10/2023	17:53:57	10:53:57	64437	1972	1972	41.2002	-104.3965	13538.1	44405	41.81	48.12	61.1	771.66	3.92	12.59	17	-36	-32.8	-82.2	-79.96	154.05	2.23	0.08	-0.08	-0.95
11/10/2023	17:54:02	10:54:02	64442	1977	1977	41.2006	-104.3953	13556.1	44464	43.82	50.42	70.16	708.66	3.6	12.59	17	-35.31	-31.56	-82.1	-79.78	153.64	2.23	0.08	-0.01	-1
11/10/2023	17:54:07	10:54:07	64447	1982	1982	41.2009	-104.3941	13575.1	44526.3	36.74	42.29	66.09	748.03	3.8	12.57	17	-35.38	-31.68	-82.1	-79.6	153.11	2.22	0.07	-0.01	-0.92
11/10/2023	17:54:12	10:54:12	64452	1987	1987	41.2013	-104.3931	13592.8	44584.4	39.47	45.42	70.13	696.84	3.54	12.56	16	-36.56	-33.81	-81.9	-79.42	152.73	2.22	0.1	-0.07	-0.94
11/10/2023	17:54:17	10:54:17	64457	1992	1992	41.2016	-104.3919	13611.4	44645.4	39.57	45.54	74.7	732.28	3.72	12.53	16	-35.69	-32.24	-81.8	-79.24	152.3	2.21	0.03	-0.05	-0.98
11/10/2023	17:54:22	10:54:22	64462	1997	1997	41.2019	-104.3907	13630	44706.4	37.7	43.38	67.48	732.28	3.72	12.51	16	-35.63	-32.13	-81.7	-79.06	151.81	2.2	0.06	-0.15	-0.94
11/10/2023	17:54:27	10:54:27	64467	2002	2002	41.2022	-104.3896	13647.8	44764.8	44.76	51.51	71.44	700.78	3.56	12.5	16	-35.13	-31.23	-81.6	-78.88	151.4	2.2	0.02	-0.05	-0.93
11/10/2023	17:54:32	10:54:32	64472	2007	2007	41.2025	-104.3883	13664.4	44819.2	43.33	49.86	73.52	653.58	3.32	12.48	16	-34.25	-29.65	-81.4	-78.52	150.99	2.19	0.03	-0.04	-0.98
11/10/2023	17:54:37	10:54:37	64477	2012	2012	41.2028	-104.3871	13684.1	44883.8	41.53	47.8	69.23	775.59	3.94	12.46	15	-34.38	-29.88	-81.1	-77.98	150.49	2.18	0.02	-0.04	-1.07
11/10/2023	17:54:42	10:54:42	64482	2017	2017	41.2031	-104.3858	13718.8	44957.7	50.02	57.56	70.12	1366.13	6.94	12.43	15	-34.13	-29.43	-80.8	-77.44	149.88	2.17	0.14	-0.08	-0.85
11/10/2023	17:54:47	10:54:47	64487	2022	2022	41.2035	-104.3843	13743.4	45028.4	51.56	59.34	70.92	968.53	4.92	12.4	14	-34.31	-29.76	-80.4	-76.72	149.09	2.16	0.06	0	-0.98
11/10/2023	17:54:52	10:54:52	64492	2027	2027	41.2039	-104.3828	13762.9	45142.3	46.49	53.5	69	767.67	3.9	12.39	14	-34.19	-29.54	-80	-76	148.58	2.15	0.1	-0.08	-0.92
11/10/2023	17:54:57	10:54:57	64497	2032	2032	41.2043	-104.3815	13783.6	45210.2	50.54	58.17	67.63	814.97	4.14	12.38	14	-34.06	-29.31	-80.7	-75.46	148.12	2.15	0.1	-0.05	-0.94
11/10/2023	17:55:02	10:55:02	64502	2037	2037	41.2048	-104.38	13809.5	45296.2	52.13	59.99	67.85	1019.67	5.18	12.36	14	-34.75	-30.55	-80.5	-75.1	147.44	2.14	0.08	-0.05	-1
11/10/2023	17:55:07	10:55:07	64507	2042	2042	41.2053	-104.3786	13845.3	45412.6	55.94	64.37	62.88	1409.44	7.16	12.31	14	-35.88	-32.58	-80.3	-74.74	146.65	2.13	-0.03	-0.11	-0.88
11/10/2023	17:55:12	10:55:12	64512	2047	2047	41.206	-104.3771	13869.6	45482.3	54.77	63.03	64.6	956.72	6.6	12.3	14	-36	-32.8	-80.2	-74.74	146.15	2.12	0.16	-0.17	-0.95
11/10/2023	17:55:17	10:55:17	64517	2052	2052	41.2065	-104.3757	13892.3	45566.7	47.82	55.03	62.25	893.67	4.54	12.27	14	-35.44	-31.79	-80.3	-74.74	145.59	2.11	0.05	-0.15	-0.88
11/10/2023	17:55:22	10:55:22	64522	2057	2057	41.207	-104.3743	13913.9	45637.6	48.85	56.21	61.02	850.45	4.32	12.25	14	-34.56	-30.21	-80.3	-74.74	145.11	2.1	0.02	0.01	-0.98
11/10/2023	17:55:27	10:55:27	64527	2062	2062	41.2075	-104.3728	13935.9	45708.8	52.39	60.29	61.83	866.11	4.4	12.21	14	-33.94	-29.09	-80.3	-74.74	144.63	2.1	0.09	-0.17	-0.97
11/10/2023	17:55:32	10:55:32	64532	2067	2067	41.208	-104.3714	13957.3	45779.9	52.88	60.85	69.83	842.53	4.28	12.18	14	-33.25	-27.85	-80.3	-74.74	144.15	2.09	0.08	-0.14	-0.92
11/10/2023	17:55:37	10:55:37	64537	2072	2072	41.2085	-104.3699	13975.8	45846.6	54.96	63.25	67.3	728.34	3.7	12.18	13	-32.69	-26.84	-80.4	-74.92	143.74	2.08	0.1	-0.04	-0.95
11/10/2023	17:55:42	10:55:42	64542	2077	2077	41.209	-104.3685	13995.3	45904.6	50.04	57.59	67.96	787.72	3.9	12.17	13	-33	-27.4	-80.4	-74.92	143.22	2.08	-0.02	-0.08	-0.95
11/10/2023	17:55:47	10:55:47	64547	2082	2082	41.2094	-104.3672	14016	45975.2	48.11	55.36	67.43	814.97	4.14	12.15	13	-33.38	-28.08	-80.4	-74.92	142.81	2.07	-0.02	0	-0.99
11/10/2023	17:55:52	10:55:52	64552	2087	2087	41.2099	-104.3657	14035.3	46035.8	54.49	62.7	63.2	759.8	3.86	12.1	13	-33.31	-27.96	-80.3	-74.74	142.39	2.07	0.01	-0.02	-1
11/10/2023	17:55:57	10:55:57	64557	2092	2092	41.2104	-104.3642	14055.1	46100.7	50.8	58.46	62.64	779.58	3.96	12.07	13	-33.19	-27.74	-80.3	-74.74	141.9	2.06	0.09	-0.03	-0.94
11/10/2023	17:56:02	10:56:02	64562	2097	2097	41.2109	-104.3627	14073.5	46161.1	54.91	63.19	67.93	724.41	3.68	12.05	13	-32.63	-26.73	-80.3	-74.74	141.23	2.05	0.03	-0.05	-0.9
11/10/2023	17:56:07	10:56:07	64567	2102	2102	41.2113	-104.3612	14090.7	46217.5	53.57	61.65	67.31	677.16	3.44	12.04	13	-32.31	-26.16	-80.2	-74.56	141.15	2.05	0.12	-0.03	-0.91
11/10/2023	17:56:12	10:56:12	64572	2107	2107	41.2118	-104.3597	14109.1	46277.8	52.68	60.63	68.69	724.41	3.68	12	13	-32.63	-26.73	-80.2	-74.56	140.7	2.04	0.02	0	-0.95
11/10/2023	17:56:17	10:56:17	64577	2112	2112	41.2122	-104.3581	14125.6	46332	57.55	66.22	69.91	649.64	3.3	11.97	13	-32.44	-26.39	-80.1	-74.38	140.39	2.04	0.06	-0.1	-0.94
11/10/2023	17:56:22	10:56:22	64582	2117	2117	41.2128	-104.3564	14142.4	46387.1	55.23	63.56	65.11	661.41	3.36	11.96	12	-32.38	-26.28	-80.1	-74.38	140.02	2.03	-0.02	-0.07	-0.94
11/10/2023	17:56:27	10:56:27	64587	2122	2122	41.2133	-104.3549	14158.4	46439.6	54.34	62.53	68.75	629.91	3.2	11.94	12	-31.88	-25.38	-80.1	-74.38	139.65	2.03	-0.03	0	-1.01
11/10/2023	17:56:32	10:56:32	64592	2127	2127	41.2137	-104.3532	14180.2	46511.1	60.05	69.11	72.37	858.28	4.36	11.9	12	-31.44	-24.59	-80.1	-74.38	139.19	2.02	0.06	0	-0.96
11/10/2023	17:56:37	10:56:37	64597	2132	2132	41.2142	-104.3515	14205	46592.4	66.19	76.17	72.77	976.36	4.96	11.88	12	-32.56	-26.61	-80.1	-74.38	138.61	2.01	0.05	-0.2	-0.97
11/10/2023	17:56:42	10:56:42	64602	2137	2137	41.2146	-104.3496	14223.9	46654.4	62.69	72.14	73.58	744.09	3.78	11.82	12	-32.75	-26.95	-80.2	-74.56	138.19	2	0.09	-0.11	-1.04
11/10/2023	17:56:47	10:56:47	64607	2142	2142	41.2151	-104.348	14251	46733.3	55.76	64.16	68.95	1066.92	5.42	11.8	11	-32.94	-27.29	-80.2	-74.56	137.57	2	-0.01	-0.12	-0.7
11/10/2023	17:56:52	10:56:52	64612	2147	2147	41.2156	-104.3464	14269.4	46803.6	59.21	68.14	68.66	724.41	3.68	11.79	11	-33.13	-27.63	-80.2	-74.56	137.23	1.99	0.08	-0.04	-0.93
11/10/2023	17:56:57	10:56:57	64617	2152	21																				

11/10/2023	18:03:57	11:03:57	65037	2572	2572	41.2408	-104.234	15851.9	51994.2	29.43	33.87	64.77	818.86	4.16	9.21	5	-25.56	-14.01	-57.1	-70.78	107.3	1.56	0.05	-0.1	-0.99
11/10/2023	18:04:02	11:04:02	65042	2577	2577	41.2412	-104.2331	15873.2	52064.1	34.01	39.13	55.54	838.59	4.26	9.18	5	-25.25	-13.45	-57.2	-70.96	106.87	1.55	0	-0.09	-1
11/10/2023	18:04:07	11:04:07	65047	2582	2582	41.2416	-104.2323	15895	52135.6	26.46	30.45	61.76	858.23	4.36	9.16	4	-25	-13	-57.3	-71.14	106.56	1.55	0	-0.12	-0.95
11/10/2023	18:04:12	11:04:12	65052	2587	2587	41.2419	-104.2316	15917.2	52206.4	31.36	36.09	57.25	874.03	4.44	9.13	4	-26	-14.8	-57.5	-71.5	106.11	1.54	0.03	-0.04	-0.89
11/10/2023	18:04:17	11:04:17	65057	2592	2592	41.2423	-104.2308	15938.9	52279.6	30.59	35.2	56.74	884.34	4.34	9.13	4	-25.31	-13.56	-57.6	-71.68	105.82	1.53	0.04	0	-0.94
11/10/2023	18:04:22	11:04:22	65062	2597	2597	41.2426	-104.2301	15961.8	52354.7	25.77	29.66	57.79	901.55	4.58	9.08	4	-25.81	-14.46	-57.7	-71.86	105.4	1.53	-0.01	-0.12	-1
11/10/2023	18:04:27	11:04:27	65067	2602	2602	41.243	-104.2293	15988.3	52441.6	33.69	38.77	56.09	914.3	4.5	9.07	4	-26.88	-16.38	-57.8	-72.04	105.01	1.52	0.06	-0.03	-0.94
11/10/2023	18:04:32	11:04:32	65072	2607	2607	41.2434	-104.2284	16008	52506.2	33.36	38.39	61.93	927.59	3.94	9	4	-26.75	-16.15	-57.8	-72.04	104.7	1.52	0.02	-0.1	-0.99
11/10/2023	18:04:37	11:04:37	65077	2612	2612	41.2438	-104.2276	16030.6	52580.4	29.29	33.71	56.8	939.83	4.52	8.99	4	-25.94	-14.69	-57.9	-72.22	104.35	1.51	0.05	-0.01	-0.99
11/10/2023	18:04:42	11:04:42	65082	2617	2617	41.2442	-104.2268	16054.7	52659.4	34.8	40.05	54.55	948.8	4.82	8.96	4	-26	-14.8	-57.8	-72.04	103.9	1.51	0.04	-0.03	-0.93
11/10/2023	18:04:47	11:04:47	65087	2622	2622	41.2448	-104.226	16077.4	52733.9	34.91	40.17	45.83	953.72	4.54	8.94	4	-25.25	-13.45	-57.8	-72.04	103.57	1.5	0.03	-0.05	-0.9
11/10/2023	18:04:52	11:04:52	65092	2627	2627	41.2454	-104.2253	16098.8	52804.1	34.69	39.92	43.95	942.48	4.28	8.92	4	-25	-13	-57.6	-71.68	103.24	1.5	0.04	-0.05	-0.98
11/10/2023	18:04:57	11:04:57	65097	2632	2632	41.2459	-104.2244	16121.3	52877.9	38.59	44.41	53.72	985.8	4.5	8.89	4	-24.88	-12.78	-57.5	-71.5	102.86	1.49	0.12	-0.11	-0.99
11/10/2023	18:05:02	11:05:02	65102	2637	2637	41.2465	-104.2235	16147.4	52963.5	40.41	46.5	46.84	1027.59	5.22	8.85	4	-25.06	-13.11	-57.4	-71.32	101.89	1.48	0.04	-0.18	-1
11/10/2023	18:05:07	11:05:07	65107	2642	2642	41.2472	-104.2225	16178	53063.8	46.09	53.04	49.37	1204.73	6.12	8.84	4	-24.56	-12.21	-57.4	-71.32	101.96	1.48	0.07	0.01	-1
11/10/2023	18:05:12	11:05:12	65112	2647	2647	41.2477	-104.2216	16205.3	53153.4	37.5	43.16	50.25	1074.8	5.46	8.82	4	-25.19	-13.34	-57.3	-71.14	101.53	1.47	0.08	-0.09	-0.97
11/10/2023	18:05:17	11:05:17	65117	2652	2652	41.2483	-104.2205	16231.1	53238	45.69	52.58	58.34	1015.78	5.16	8.79	4	-25.06	-13.11	-57.3	-71.14	101.12	1.47	0.06	-0.05	-0.95
11/10/2023	18:05:22	11:05:22	65122	2657	2657	41.2489	-104.2193	16255.8	53319	41.01	47.19	56.98	972.38	4.94	8.77	4	-24.88	-12.78	-57.3	-71.14	100.73	1.46	0.06	-0.14	-0.91
11/10/2023	18:05:27	11:05:27	65127	2662	2662	41.2494	-104.2183	16283.1	53408.1	40.44	46.54	59.36	1074.84	5.46	8.72	4	-24.94	-12.89	-57.4	-71.32	100.27	1.45	0.01	-0.1	-0.97
11/10/2023	18:05:32	11:05:32	65132	2667	2667	41.2498	-104.2173	16314.5	53511.6	42.15	48.51	68.43	1236.19	6.28	8.69	4	-25.25	-13.45	-57.5	-71.5	99.81	1.45	0.08	-0.11	-0.89
11/10/2023	18:05:37	11:05:37	65137	2672	2672	41.2502	-104.216	16340.2	53595.9	47.68	54.87	62.52	1011.84	5.14	8.68	4	-24.63	-12.33	-57.6	-71.68	99.42	1.44	0.1	-0.13	-0.92
11/10/2023	18:05:42	11:05:42	65142	2677	2677	41.2507	-104.2147	16365.6	53679.2	45.44	52.29	61.55	999.98	5.08	8.64	4	-24.69	-12.44	-57.7	-71.86	99.01	1.44	0.06	0	-0.86
11/10/2023	18:05:47	11:05:47	65147	2682	2682	41.2512	-104.2135	16390.1	53759.5	46.75	53.8	62.55	984.55	4.9	8.63	4	-24.25	-11.65	-57.8	-72.04	98.66	1.43	0.05	-0.1	-0.88
11/10/2023	18:05:52	11:05:52	65152	2687	2687	41.2517	-104.2122	16413.5	53838.3	49.52	56.98	63.38	921.28	4.68	8.58	4	-24.13	-11.43	-57.9	-72.22	98.28	1.43	-0.01	-0.08	-0.9
11/10/2023	18:05:57	11:05:57	65157	2692	2692	41.2521	-104.2109	16433.9	53903.2	45.48	52.34	68.15	803.16	4.08	8.56	4	-23.75	-10.75	-58	-72.4	97.99	1.42	0.14	-0.1	-1.02
11/10/2023	18:06:02	11:06:02	65162	2697	2697	41.2526	-104.2095	16458.3	53983.2	51.26	58.99	66.43	960.66	4.88	8.54	4	-23.75	-10.75	-58.1	-72.58	97.59	1.42	0.1	-0.1	-0.96
11/10/2023	18:06:07	11:06:07	65167	2702	2702	41.253	-104.2081	16482.8	54063.6	44.59	51.31	70.97	964.55	4.9	8.49	4	-23.81	-10.86	-58.2	-72.76	97.22	1.41	0.04	-0.1	-0.95
11/10/2023	18:06:12	11:06:12	65172	2707	2707	41.2534	-104.2068	16506.7	54142	47.77	54.97	68.65	940.97	4.78	8.48	3	-23.75	-10.75	-58.2	-72.76	96.87	1.4	0.04	-0.11	-0.9
11/10/2023	18:06:17	11:06:17	65177	2712	2712	41.2537	-104.2054	16529.8	54217.7	44.07	50.72	73.82	909.42	4.62	8.45	3	-23.25	-9.85	-58.3	-72.94	96.38	1.4	0.12	-0.09	-0.93
11/10/2023	18:06:22	11:06:22	65182	2717	2717	41.254	-104.2041	16551.8	54289.9	45.66	52.54	75.59	886.16	4.4	8.42	3	-23.25	-9.85	-58.3	-72.94	95.86	1.39	0.12	-0.09	-0.92
11/10/2023	18:06:27	11:06:27	65187	2722	2722	41.2543	-104.2027	16572.5	54357.8	47.94	55.17	71.94	814.92	4.14	8.39	3	-23.06	-9.51	-58.3	-72.94	95.79	1.39	0.12	-0.12	-0.92
11/10/2023	18:06:32	11:06:32	65192	2727	2727	41.2547	-104.2014	16593.9	54428	44.25	50.92	76.35	842.53	4.28	8.36	3	-22.75	-8.95	-58.2	-72.76	95.58	1.39	0.02	-0.12	-1
11/10/2023	18:06:37	11:06:37	65197	2732	2732	41.255	-104.2001	16615.8	54498.8	48.25	55.53	76.08	862.22	4.38	8.35	3	-23.38	-10.08	-58.2	-72.76	95.26	1.38	0.07	-0.14	-1
11/10/2023	18:06:42	11:06:42	65202	2737	2737	41.2553	-104.1988	16636.4	54567.4	45.26	52.08	67.59	811.03	4.12	8.34	3	-23.06	-9.51	-58.1	-72.58	94.94	1.38	0.1	-0.07	-0.98
11/10/2023	18:06:47	11:06:47	65207	2742	2742	41.2557	-104.1974	16656.2	54633.3	49	56.39	74.91	779.53	3.96	8.3	3	-22.94	-9.29	-58	-72.4	94.65	1.37	0.02	-0.13	-0.96
11/10/2023	18:06:52	11:06:52	65212	2747	2747	41.256	-104.196	16676.6	54699.2	48.75	56.1	68.66	803.11	4.08	8.27	3	-22.75	-8.95	-58	-72.4	94.34	1.37	0.03	-0.07	-0.94
11/10/2023	18:06:57	11:06:57	65217	2752	2752	41.2564	-104.1946	16696.8	54765.5	49.5	56.96	74.74	795.33	4.04	8.25	3	-22.63	-8.73	-57.9	-72.22	94.04	1.36	0.09	-0.09	-0.9
11/10/2023	18:07:02	11:07:02	65222	2757	2757	41.2567	-104.1931	16716.8	54831.1	50.52	58.14	71.94	787.41	4	8.23	3	-22.75	-8.95	-57.8	-72.04	93.73	1.36	0.04	-0.07	-0.9
11/10/2023	18:07:07	11:07:07	65227	2762	2762	41.2571	-104.1916	16736.8	54896.7	50.26	57.84	72.58	787.41	4	8.2	3	-22.63	-8.73	-57.8	-71.68	93.15	1.35	0.06	-0.08	-0.89
11/10/2023	18:07:12	11:07:12	65232	2767	2767	41.2573	-104.1901	16754.8	54955.7	51.81	59.62	76.21	708.66	3.6	8.17	3	-22.31	-8.16	-57.4	-71.32	93.21	1.35	0.11	-0.08	-0.91
11/10/2023	18:07:17	11:07:17	65237	2772	2772	41.2577	-104.1886	16770.8	55028.2	52.43	60.33	71.26	629.91	3.2	8.16	3	-22	-7.6	-57.3	-71.14	92.97	1.35	0.08	-0.09	-0.99
11/10/2023	18:07:22	11:07:22	65242	2777	2777	41.258	-104.1871	16787.1	55061.7	50.88	58.55	79.02	641.67	3.26	8.13	3	-22.25	-8.05	-57.1	-70.78	92.73	1.34	0	0	-0.99
11/10/2023	18:07:27	11:07:27	65247	2782	2782	41.2583	-104.1856	16804.8	55119.7	48.68	56.02	73.6	696.89	3.54	8.11	3	-22.56	-8.61	-57	-70.6	92.48	1.34	0.07	-0.14	-0.92
11/10/2023	18:07:32	11:07:32	65252	2787	2787	41.2586	-104.1842	16822.9	55179.1	49.31	56.74	73.04	712.59	3.62	8.09	3	-22.81	-9.06	-56.8	-70.24	91.83	1.33	0.11	-0.01	-0.87
11/10/2023	18:07:37	11:07:37	65257	2792	2792	41.2589	-104.1826	16842.3	55242.7	51.45	59.21	76.31	763.83	3.88	8.07	3	-22.56	-8.61	-56.7	-70.06	91.86	1.33	0.08	-0.09	-0.9
11/10/2023	18:07:42	11:07:42	65262	2797	2797	41.2592	-104.1811	16859.9	55300.5	53.69	61.79	74.31	692.86	3.52	8.06	3	-22.31	-8.16	-5						

11/10/2023	18:14:42	11:14:42	65682	3217	3217	41.2962	-104.0928	18649.4	61170	47.16	54.27	57.16	759.89	3.86	6.63	3	-17.5	0.5	-57.3	-71.14	69.68	1.01	0.01	-0.05	-0.94
11/10/2023	18:14:47	11:14:47	65687	3222	3222	41.2968	-104.0815	18669.9	61237.3	45.81	52.72	59.71	807.05	4.1	6.63	3	-17.88	-0.18	-57.3	-71.14	69.52	1.01	0.07	-0.07	-0.93
11/10/2023	18:14:52	11:14:52	65692	3227	3227	41.2873	-104.0804	18687.1	61293.7	42.79	49.24	55.78	677.16	3.44	6.61	3	-17.5	0.5	-57.3	-71.14	69.32	1.01	0.04	-0.09	-0.95
11/10/2023	18:14:57	11:14:57	65697	3232	3232	41.2888	-104.0792	18705.8	61355	47.05	54.15	55.28	736.27	3.74	6.59	3	-17.56	0.39	-57.3	-71.14	69.11	1	0.02	-0.1	-0.95
11/10/2023	18:15:02	11:15:02	65702	3237	3237	41.2888	-104.0779	18722.9	61411.1	51.48	59.24	60.96	873.22	3.42	6.59	3	-17.5	0.5	-57.3	-71.14	68.93	1	0.05	-0.07	-0.98
11/10/2023	18:15:07	11:15:07	65707	3242	3242	41.2892	-104.0766	18740.9	61470.2	49.4	56.84	61.54	708.66	3	6.57	3	-17.19	1.06	-57.3	-71.14	68.76	1	0.05	0	-0.88
11/10/2023	18:15:12	11:15:12	65712	3247	3247	41.2897	-104.0753	18755.9	61519.4	49.13	56.54	62.52	590.53	3	6.56	2	-16.94	1.51	-57.3	-71.14	68.57	0.99	0.08	-0.03	-1.02
11/10/2023	18:15:17	11:15:17	65717	3252	3252	41.2902	-104.074	18779.1	61595.4	49.4	56.84	57.05	913.36	4.64	6.55	2	-17	1.44	-57.3	-71.14	68.35	0.99	0.12	-0.06	-0.98
11/10/2023	18:15:22	11:15:22	65722	3257	3257	41.2907	-104.0727	18796.5	61652.5	49.56	57.04	64.91	685.08	3.48	6.54	2	-17.25	0.95	-57.3	-71.14	68.16	0.99	0.06	-0.12	-0.89
11/10/2023	18:15:27	11:15:27	65727	3262	3262	41.2912	-104.0713	18814.3	61710.9	48.83	56.19	65.31	700.83	3.56	6.53	2	-17.19	1.06	-57.1	-70.78	67.96	0.99	0.16	-0.1	-0.88
11/10/2023	18:15:32	11:15:32	65732	3267	3267	41.2917	-104.0699	18832.3	61769.9	47.18	54.29	65.43	708.66	3.6	6.53	2	-17	1.44	-57.1	-70.78	67.77	0.98	0.12	-0.05	-0.98
11/10/2023	18:15:37	11:15:37	65737	3272	3272	41.2921	-104.0685	18853.6	61830.5	50.71	58.36	74.19	838.5	4.26	6.5	2	-17.38	0.72	-57	-70.6	67.55	0.98	0.04	-0.07	-0.99
11/10/2023	18:15:42	11:15:42	65742	3277	3277	41.2925	-104.0671	18874.6	61908.7	46.14	53.09	68	828.78	4.2	6.5	2	-17	1.44	-56.9	-70.42	67.29	0.98	0.02	-0.13	-1
11/10/2023	18:15:47	11:15:47	65747	3282	3282	41.2928	-104.0657	18894.5	61974	52.3	60.18	75.27	783.47	3.98	6.5	2	-16.88	1.62	-56.8	-70.24	67.12	0.97	0.12	-0.04	-1
11/10/2023	18:15:52	11:15:52	65752	3287	3287	41.2931	-104.0642	18915.2	62041.9	46.8	53.85	70.13	815.02	4.14	6.48	2	-16.94	1.51	-56.7	-70.06	66.84	0.97	0.15	-0.09	-0.9
11/10/2023	18:15:57	11:15:57	65757	3292	3292	41.2935	-104.0628	18934.8	62106.1	50.33	57.92	73.92	771.66	3.92	6.49	2	-16.88	1.62	-56.6	-69.88	66.7	0.97	0.05	-0.05	-0.91
11/10/2023	18:16:02	11:16:02	65762	3297	3297	41.2937	-104.0613	18956.2	62176.3	48.76	56.12	77.3	842.53	4.28	6.47	2	-17	1.44	-56.5	-69.7	66.43	0.96	0.05	0	-0.87
11/10/2023	18:16:07	11:16:07	65767	3302	3302	41.294	-104.0599	18978.4	62242.6	47.49	54.85	78.47	795.23	4.04	6.47	2	-16.89	1.96	-56.4	-69.52	66.3	0.96	0	-0.11	-0.95
11/10/2023	18:16:12	11:16:12	65772	3307	3307	41.2942	-104.0584	18999.5	62318.4	52.58	60.51	81.54	909.42	4.62	6.45	2	-16.96	2.19	-56.4	-69.52	65.9	0.96	0.02	-0.04	-0.99
11/10/2023	18:16:17	11:16:17	65777	3312	3312	41.2943	-104.057	19023.1	62395.8	43.7	50.29	81.44	929.16	4.72	6.44	2	-16.5	2.3	-56.4	-69.52	65.81	0.95	0.08	-0.09	-0.96
11/10/2023	18:16:22	11:16:22	65782	3317	3317	41.2945	-104.0555	19044.1	62464.6	49.81	57.32	82.45	828.73	4.2	6.44	2	-16.44	2.41	-56.3	-69.34	65.61	0.95	0.06	-0.06	-0.98
11/10/2023	18:16:27	11:16:27	65787	3322	3322	41.2946	-104.0541	19065.5	62534.8	44.75	51.5	83.01	842.53	4.28	6.44	3	-16.25	2.75	-56.3	-69.34	65.42	0.95	0.11	-0.09	-0.88
11/10/2023	18:16:32	11:16:32	65792	3327	3327	41.2947	-104.0528	19086.6	62604	41.17	47.38	83.03	830.72	4.22	6.42	3	-16.25	2.75	-56.3	-69.34	64.97	0.94	0.08	-0.09	-0.97
11/10/2023	18:16:37	11:16:37	65797	3332	3332	41.2949	-104.0514	19108.7	62676.5	47.54	54.71	82.39	870.14	4.42	6.42	2	-16.13	2.97	-56.3	-69.34	64.93	0.94	0.1	-0.12	-0.99
11/10/2023	18:16:42	11:16:42	65802	3337	3337	41.295	-104.0501	19133.2	62756.9	42.28	48.66	85.61	964.55	4.9	6.4	2	-16.06	3.09	-56.4	-69.52	64.73	0.94	0.11	-0.07	-0.96
11/10/2023	18:16:47	11:16:47	65807	3342	3342	41.2951	-104.0487	19157.2	62835.6	48.52	55.83	82.13	944.91	4.8	6.39	3	-16	3.2	-56.5	-69.7	64.44	0.93	0.1	-0.07	-0.97
11/10/2023	18:16:52	11:16:52	65812	3347	3347	41.2952	-104.0473	19181.9	62916.6	40.29	46.36	84.47	972.42	4.94	6.4	3	-16	3.2	-56.5	-69.7	64.25	0.93	0.07	-0.13	-0.95
11/10/2023	18:16:57	11:16:57	65817	3352	3352	41.2953	-104.046	19206.1	62996	46.01	52.95	82.44	952.69	4.84	6.39	3	-16	3.2	-56.6	-69.88	63.99	0.93	0.04	-0.07	-0.92
11/10/2023	18:17:02	11:17:02	65822	3357	3357	41.2955	-104.0447	19229.8	63073.7	40	46.03	81.75	933.14	4.74	6.38	3	-15.94	3.31	-56.6	-69.88	63.79	0.93	0.06	-0.13	-0.88
11/10/2023	18:17:07	11:17:07	65827	3362	3362	41.2956	-104.0435	19253.8	63152.5	42.11	48.46	80.8	944.86	4.8	6.37	3	-15.94	3.31	-56.7	-69.88	63.56	0.92	0.08	-0.08	-0.88
11/10/2023	18:17:12	11:17:12	65832	3367	3367	41.2958	-104.0421	19277.5	63230.2	44.16	50.81	78.93	933.05	4.74	6.39	3	-15.69	3.76	-56.7	-70.06	63	0.91	0.04	-0.05	-0.99
11/10/2023	18:17:17	11:17:17	65837	3372	3372	41.296	-104.0409	19300.8	63306.6	36.82	42.37	80.76	917.34	4.86	6.38	3	-15.63	3.87	-56.8	-70.24	63.12	0.92	-0.02	-0.16	-1
11/10/2023	18:17:22	11:17:22	65842	3377	3377	41.2961	-104.0398	19326.3	63390.3	41.69	47.98	78.98	1003.97	5.1	6.36	3	-15.5	4.1	-56.8	-70.24	62.87	0.91	0.1	-0.05	-0.93
11/10/2023	18:17:27	11:17:27	65847	3382	3382	41.2963	-104.0386	19351.4	63472.6	35.6	40.97	78.45	988.17	5.02	6.37	3	-15.44	4.21	-56.8	-70.24	62.61	0.91	0.02	-0.09	-0.94
11/10/2023	18:17:32	11:17:32	65852	3387	3387	41.2965	-104.0375	19376	63553.3	38.62	44.44	80.14	988.48	4.92	6.37	3	-15.56	3.99	-56.8	-70.24	62.36	0.9	0.09	-0.02	-0.89
11/10/2023	18:17:37	11:17:37	65857	3392	3392	41.2966	-104.0362	19399.6	63637.0	41.35	47.59	81.38	929.11	4.72	6.36	3	-15.31	4.44	-56.9	-70.42	62.16	0.9	0.1	0	-0.97
11/10/2023	18:17:42	11:17:42	65862	3397	3397	41.2968	-104.0351	19424.1	63711	34.17	39.32	79.87	964.59	4.9	6.34	3	-15.25	4.55	-56.9	-70.42	61.92	0.9	0.04	-0.02	-0.97
11/10/2023	18:17:47	11:17:47	65867	3402	3402	41.2969	-104.0339	19448.6	63791.4	42.06	48.41	80.64	964.55	4.9	6.36	3	-15.13	4.77	-57	-70.6	61.68	0.89	-0.05	-0.03	-0.98
11/10/2023	18:17:52	11:17:52	65872	3407	3407	41.2971	-104.0327	19473.5	63873.1	35.16	40.46	75.87	980.34	4.98	6.36	3	-15.06	4.89	-57	-70.8	61.48	0.89	-0.01	-0.08	-0.96
11/10/2023	18:17:57	11:17:57	65877	3412	3412	41.2973	-104.0317	19498.5	63955.1	41.69	47.98	77.84	984.23	5	6.36	3	-15.5	4.1	-57.1	-70.78	61.23	0.89	0.07	-0.07	-0.95
11/10/2023	18:18:02	11:18:02	65882	3417	3417	41.2975	-104.0304	19523	64035.4	38.01	41.44	74.46	964.55	4.9	6.36	3	-15.31	4.44	-57.2	-70.96	61.02	0.89	0.02	-0.05	-0.92
11/10/2023	18:18:07	11:18:07	65887	3422	3422	41.2977	-104.0294	19546.5	64112.5	36.33	41.81	76.53	925.22	4.7	6.36	3	-15.06	4.89	-57.3	-71.14	60.77	0.88	0.1	-0.04	-0.91
11/10/2023	18:18:12	11:18:12	65892	3427	3427	41.2979	-104.0282	19570	64189.6	39.14	45.05	81.64	925.22	4.7	6.32	3	-15.06	4.89	-57.5	-71.5	60.5	0.88	0.07	-0.07	-0.95
11/10/2023	18:18:17	11:18:17	65897	3432	3432	41.298	-104.0271	19593.2	64265.7	33.45	38.49	75.27	913.41	4.64	6.36	3	-15.06	4.89	-57.6	-71.68	60.35	0.88	0.02	-0.09	-0.97
11/10/2023	18:18:22	11:18:22	65902	3437	3437	41.2982	-104.0261	19616.4	64341.8	34.27	39.44	84.64	913.36	4.64	6.31	3	-15.13	4.77	-57.7	-71.86	60.13	0.87	0.07	-0.02	-0.95
11/10/2023	18:18:27	11:18:27	65907	3442	3442	41.2983	-104.0251	19640.2	64419.9	33.18	38.18	74.21	937.03	4.76	6.31	3	-15.06	4.89	-57.8	-72.04	59.79	0.87	0.08	-0.03	-0.91







11/10/2023	18:46:52	11:46:52	67612	5147	5147	41.353	-103.787	14772.9	48455.1	39.5	45.45	88.29	-3637.78	-18.48	5.7	1	-37.81	-36.06	-59	-74.2	126.99	1.84	0.34	0.06	-1.22
11/10/2023	18:46:57	11:46:57	67617	5152	5152	41.3532	-103.7857	14677.6	48142.5	39.87	45.88	83.57	-3751.92	-19.06	5.7	1	-39.69	-39.44	-59.1	-74.38	128.17	1.86	-0.05	-0.02	-1.18
11/10/2023	18:47:02	11:47:02	67622	5157	5157	41.3534	-103.7842	14586.7	47844.4	49.65	57.14	83.64	-3578.77	-18.18	5.71	1	-39.63	-39.33	-59.1	-74.38	130.46	1.89	-0.07	0.16	-1.08
11/10/2023	18:47:07	11:47:07	67627	5162	5162	41.3538	-103.7826	14495	47543.6	54.13	62.3	79.33	-3610.27	-18.34	5.7	1	-39.69	-39.44	-59	-74.2	132.52	1.92	0.05	-0.33	-0.82
11/10/2023	18:47:12	11:47:12	67632	5167	5167	41.3541	-103.7807	14401	47233.3	60.05	69.11	68.6	-3700.78	-18.8	5.73	1	-40.88	-41.58	-58.9	-74.02	134.35	1.95	0.24	-0.49	-1.09
11/10/2023	18:47:17	11:47:17	67637	5172	5172	41.3545	-103.7788	14309.9	46936.5	57.94	66.67	66.48	-3586.59	-18.22	5.73	1	-41.5	-42.7	-58.7	-73.66	136.29	1.98	-0.67	-0.2	-0.89
11/10/2023	18:47:22	11:47:22	67642	5177	5177	41.355	-103.777	14221.5	46646.5	59.79	68.81	66.35	-3480.33	-17.88	5.74	1	-41.06	-41.91	-58.6	-73.48	138.12	2	0.38	0.47	-0.67
11/10/2023	18:47:27	11:47:27	67647	5182	5182	41.3554	-103.7752	14132.6	46354.9	58.85	67.72	65.07	-3499.97	-17.78	5.74	1	-40.81	-41.46	-58.5	-73.3	140.14	2.03	-0.54	0.13	-0.83
11/10/2023	18:47:32	11:47:32	67652	5187	5187	41.3559	-103.7735	14040.1	46051.5	59.88	68.91	60.6	-3641.72	-18.5	5.74	1	-40.56	-41.01	-58.4	-73.12	142.35	2.06	0.42	-0.41	-1.05
11/10/2023	18:47:37	11:47:37	67657	5192	5192	41.3564	-103.7718	13950.9	45759	54.84	63.11	63.29	-3511.83	-17.84	5.73	1	-41.38	-42.48	-58.3	-72.94	143.91	2.09	0.13	-0.31	-0.88
11/10/2023	18:47:42	11:47:42	67662	5197	5197	41.3568	-103.7704	13865.3	45478.2	56.26	64.74	69.98	-3370.13	-17.12	5.73	1	-40.63	-41.13	-58.5	-73.3	146	2.12	0.24	-0.28	-0.91
11/10/2023	18:47:47	11:47:47	67667	5202	5202	41.3572	-103.769	13779.5	45196.8	55.83	64.25	69.56	-3377.95	-17.16	5.74	1	-40.44	-40.79	-58.8	-73.84	148.03	2.15	-0.24	0.02	-0.82
11/10/2023	18:47:52	11:47:52	67672	5207	5207	41.3576	-103.7677	13694.1	44916.6	52.06	59.91	80.84	-3362.16	-17.08	5.73	1	-40.69	-41.24	-59.3	-74.74	149.95	2.17	-0.24	-0.45	-1.06
11/10/2023	18:47:57	11:47:57	67677	5212	5212	41.3579	-103.7662	13610.6	44642.8	50.08	57.63	82.87	-3287.39	-16.7	5.73	1	-41.31	-42.36	-59.8	-75.64	152.19	2.21	0.05	-0.32	-0.88
11/10/2023	18:48:02	11:48:02	67682	5217	5217	41.3583	-103.7648	13529.1	44375.4	43.52	50.08	82.6	-3208.69	-16.3	5.74	1	-42.31	-44.16	-60.3	-76.54	154.18	2.24	-0.08	-0.11	-0.87
11/10/2023	18:48:07	11:48:07	67687	5222	5222	41.3586	-103.7634	13447.5	44107.8	39.85	45.86	76.47	-3212.63	-16.32	5.74	1	-43	-45.4	-60.9	-77.62	155.91	2.26	0.11	-0.01	-1.18
11/10/2023	18:48:12	11:48:12	67692	5227	5227	41.3591	-103.762	13364.6	43855.9	41.79	48.1	55.86	-3263.77	-16.58	5.76	1	-43.13	-45.63	-61.3	-78.34	158.21	2.29	0.92	0.03	-1.19
11/10/2023	18:48:17	11:48:17	67697	5232	5232	41.3595	-103.7606	13284.8	43574.1	45.67	52.55	68.51	-3141.75	-15.96	5.76	1	-43.06	-45.51	-61.6	-78.88	160.03	2.32	-0.35	0.18	-1.02
11/10/2023	18:48:22	11:48:22	67702	5237	5237	41.3598	-103.7591	13205.8	43315	50.75	58.4	68.78	-3110.25	-15.8	5.77	1	-42.69	-44.84	-61.6	-78.88	162.35	2.35	0.2	-0.28	-0.93
11/10/2023	18:48:27	11:48:27	67707	5242	5242	41.36	-103.7576	13127.9	43059.5	50.23	57.8	71.68	-3066.89	-15.58	5.77	1	-43.25	-45.85	-61.4	-78.52	164.35	2.38	-0.25	-0.61	-0.97
11/10/2023	18:48:32	11:48:32	67712	5247	5247	41.3603	-103.7561	13053.3	42814.8	57.01	65.61	70.59	-2937.05	-14.92	5.78	1	-44.44	-47.99	-61.1	-77.98	166.25	2.41	0.16	-0.05	-1.03
11/10/2023	18:48:37	11:48:37	67717	5252	5252	41.3606	-103.7546	12978.6	42569.8	57.28	65.92	71.04	-2940.89	-14.94	5.79	1	-44.88	-48.78	-60.9	-77.62	167.99	2.44	0.65	-0.21	-1.04
11/10/2023	18:48:42	11:48:42	67722	5257	5257	41.3609	-103.753	12902.6	42320.5	62.47	71.89	74.46	-2942.13	-15.2	5.79	1	-44.38	-47.88	-60.7	-77.26	170.05	2.47	0	0.13	-1.17
11/10/2023	18:48:47	11:48:47	67727	5262	5262	41.3614	-103.7515	12827	42072.6	55.91	64.34	75.47	-2976.42	-15.12	5.79	1	-44.19	-47.54	-60.5	-76.9	172.09	2.5	0.33	-0.17	-0.93
11/10/2023	18:48:52	11:48:52	67732	5267	5267	41.3619	-103.75	12753.8	41822.5	44.04	50.68	73.06	-2881.88	-14.64	5.78	1	-44.25	-47.65	-60.9	-77.62	174.09	2.52	0.41	-0.27	-1.03
11/10/2023	18:48:57	11:48:57	67737	5272	5272	41.3623	-103.7484	12681.2	41594.3	54.44	62.65	64.28	-2858.25	-14.52	5.79	1	-44.13	-47.43	-61.6	-78.88	176.39	2.56	0.19	-0.04	-0.94
11/10/2023	18:49:02	11:49:02	67742	5277	5277	41.3625	-103.747	12610.2	41361.5	55.55	63.93	68.11	-2795.3	-14.2	5.79	2	-44.88	-48.78	-62.4	-80.32	178.21	2.58	-0.1	-0.1	-0.89
11/10/2023	18:49:07	11:49:07	67747	5282	5282	41.3627	-103.7455	12538.1	41125	47.16	54.27	87.83	-2838.56	-14.42	5.79	3	-44.88	-48.78	-63.3	-81.94	180.44	2.62	-0.15	-0.27	-0.94
11/10/2023	18:49:12	11:49:12	67752	5287	5287	41.363	-103.7441	12467.5	40893.4	34.39	39.57	78.9	-2779.55	-14.12	5.79	3	-46.31	-51.36	-64.2	-83.56	182.51	2.65	0.15	-0.09	-1.22
11/10/2023	18:49:17	11:49:17	67757	5292	5292	41.3629	-103.7428	12396.4	40662.0	44.62	51.35	83.58	-2799.19	-14.22	5.83	4	-47.69	-53.84	-65	-85	184.61	2.68	0.34	-0.21	-1.06
11/10/2023	18:49:22	11:49:22	67762	5297	5297	41.3628	-103.7415	12324.2	40423.4	56.53	65.05	97.86	-2842.55	-14.44	5.82	5	-48.69	-56.64	-65.7	-86.26	186.79	2.71	-0.41	-0.16	-0.87
11/10/2023	18:49:27	11:49:27	67767	5302	5302	41.3627	-103.7399	12253.2	40190.5	55.53	63.91	99.94	-2785.25	-14.2	5.84	6	-49.31	-56.76	-66.1	-86.88	188.93	2.74	-0.05	-0.15	-0.86
11/10/2023	18:49:32	11:49:32	67772	5307	5307	41.3626	-103.7383	12181.4	39955	55.93	64.36	100.3	-2826.75	-14.36	5.86	7	-49.75	-57.55	-66.2	-87.16	191.19	2.77	0.32	-0.88	-0.83
11/10/2023	18:49:37	11:49:37	67777	5312	5312	41.3627	-103.7367	12108.6	39716.2	46.11	53.06	93.91	-2866.17	-14.56	5.84	8	-50.31	-58.56	-66.3	-87.34	193.29	2.8	-0.25	-0.2	-1
11/10/2023	18:49:42	11:49:42	67782	5317	5317	41.3628	-103.735	12037.9	39484.3	47.83	55.04	76.95	-2783.44	-14.14	5.86	9	-50.69	-59.24	-66.3	-87.34	195.72	2.84	0.23	-0.14	-1.01
11/10/2023	18:49:47	11:49:47	67787	5322	5322	41.3629	-103.7334	11969.3	39259.3	57.44	66.1	71.94	-2700.84	-13.72	5.84	10	-51.13	-60.03	-66.2	-87.16	197.96	2.87	0.26	-0.13	-1.07
11/10/2023	18:49:52	11:49:52	67792	5327	5327	41.3632	-103.7319	11899.2	39029.4	58.21	66.99	76.32	-2759.81	-14.02	5.87	11	-51.31	-60.36	-66	-86.8	200.19	2.9	0.21	-0.1	-0.92
11/10/2023	18:49:57	11:49:57	67797	5332	5332	41.3635	-103.7306	11827.6	38794.5	45.62	52.49	82.53	-2818.88	-14.32	5.86	12	-51.44	-60.59	-65.8	-86.44	202.55	2.94	0.19	-0.13	-0.99
11/10/2023	18:50:02	11:50:02	67802	5337	5337	41.364	-103.7291	11758.8	38572.1	42.06	48.41	56	-2669.34	-13.56	5.86	13	-51.63	-60.93	-65.5	-85.9	204.55	2.97	0.14	-0.06	-1.12
11/10/2023	18:50:07	11:50:07	67807	5342	5342	41.3643	-103.7278	11692.6	38351.7	52.91	60.89	64.57	-2645.63	-13.44	5.86	14	-50.63	-59.13	-65.2	-85.36	207.01	3	0.08	-0.22	-0.87
11/10/2023	18:50:12	11:50:12	67812	5347	5347	41.3647	-103.7266	11624	38126.7	40.44	46.54	83.02	-2700.8	-13.72	5.86	15	-50.19	-58.13	-64.8	-84.64	209.4	3.04	0.03	-0.23	-1.01
11/10/2023	18:50:17	11:50:17	67817	5352	5352	41.3651	-103.7255	11555.9	37903.4	26.04	29.97	65.49	-2681.11	-13.62	5.86	16	-50.94	-59.69	-64.5	-84.1	211.51	3.07	0.34	0.08	-1.12
11/10/2023	18:50:22	11:50:22	67822	5357	5357	41.3653	-103.7244	11486.5	37675.7	44.41	51.11	56.86	-2732.3	-13.88	5.86	17	-50.69	-59.24	-64.1	-83.38	214.12	3.11	-0.17	-0.1	-1.16
11/10/2023	18:50:27	11:50:27	67827	5362	5362	41.3656	-103.7235	11418.2	37451.7	38.96	44.83	66.87	-2688.98	-13.66	5.86	18	-50.88	-59.58	-63.7	-82.66	216.16	3.14	-0.06	-0.09	-1.16
11/10/2023	18:50:32	11:50:32	67832	5367	5367	41.3659	-103.7223	11354.2	37241.8	32.33	37.2	56.71	-2519.67	-12.8	5.86	20	-50.75	-59.35	-63.3	-81.94	218.66	3.17	0.14	-0.12	-0.99
11/10/2023	18:50:3																								

11/10/2023	18:57:37	11:57:37	68257	5792	5792	41.3695	-103.6252	6593.3	21626	49.05	56.44	98.88	-1952.74	-9.92	17.93	2	-26.5	-15.7	-24.3	-11.74	443.05	6.43	-0.02	-0.21	-1.03
11/10/2023	18:57:42	11:57:42	68262	5797	5797	41.3696	-103.624	6543.6	21463	28.88	33.23	84.37	-1956.7	-9.94	18.15	2	-26.31	-15.36	-24	-11.2	445.87	6.47	-0.13	0.05	-1
11/10/2023	18:57:47	11:57:47	68267	5802	5802	41.3695	-103.6227	6494	21300.3	46.51	53.53	81.54	-1952.74	-9.92	18.32	1	-26.13	-15.03	-23.6	-10.48	449.01	6.51	-0.13	-0.18	-0.95
11/10/2023	18:57:52	11:57:52	68272	5807	5807	41.3696	-103.6216	6444.2	21137	43.11	49.61	93.94	-1960.64	-9.96	18.52	1	-25.56	-14.01	-23.4	-10.12	451.92	6.55	0.04	0.15	-1.18
11/10/2023	18:57:57	11:57:57	68277	5812	5812	41.3697	-103.6205	6394.4	20973.6	27.24	31.35	82.91	-1960.64	-9.96	18.72	1	-25.31	-13.56	-23.3	-9.94	455.01	6.6	0.2	-0.08	-0.93
11/10/2023	18:58:02	11:58:02	68282	5817	5817	41.3697	-103.6193	6344.5	20810	44.78	51.53	74.4	-1964.55	-9.98	18.89	1	-25	-13	-23.2	-9.76	458.46	6.65	-0.14	-0.01	-0.94
11/10/2023	18:58:07	11:58:07	68287	5822	5822	41.3699	-103.6183	6294.3	20645.3	32.47	37.37	94.08	-1976.37	-10.04	19.06	1	-24.56	-12.21	-23.2	-9.76	461.58	6.69	0.18	-0.3	-0.96
11/10/2023	18:58:12	11:58:12	68292	5827	5827	41.3701	-103.6171	6244.7	20482.6	37.63	43.31	60.34	-1952.77	-9.92	19.17	1	-24.25	-11.65	-23.2	-9.76	464.71	6.74	0.01	-0.23	-0.95
11/10/2023	18:58:17	11:58:17	68297	5832	5832	41.3703	-103.6162	6195.3	20320.6	38.64	44.46	87.95	-1944.87	-9.88	19.24	1	-24	-11.2	-23.1	-9.58	467.73	6.78	0.33	-0.24	-0.94
11/10/2023	18:58:22	11:58:22	68302	5837	5837	41.3706	-103.6151	6144.3	20153.3	27.22	31.33	62.29	-2007.89	-10.2	19.24	1	-23.88	-10.98	-22.8	-9.04	471.04	6.83	0.03	-0.22	-0.99
11/10/2023	18:58:27	11:58:27	68307	5842	5842	41.3708	-103.6141	6092.9	19984.7	41.95	48.27	69.08	-2023.62	-10.28	19.22	1	-23.56	-10.41	-22.5	-8.5	474.36	6.88	0.26	-0.33	-1.12
11/10/2023	18:58:32	11:58:32	68312	5847	5847	41.371	-103.6131	6042.9	19820.7	39.67	45.65	81.91	-1968.52	-10	19.11	1	-23.25	-9.85	-22.1	-7.78	477.59	6.93	0.12	-0.41	-1.03
11/10/2023	18:58:37	11:58:37	68317	5852	5852	41.3713	-103.6122	5992.7	19656.1	23.06	26.54	70.34	-1978.37	-10.04	18.97	2	-23	-9.4	-21.8	-7.24	480.81	6.97	-0.02	-0.22	-0.98
11/10/2023	18:58:42	11:58:42	68322	5857	5857	41.3714	-103.6112	5945.5	19501.2	42.64	49.06	73.75	-1858.27	-9.44	18.81	2	-22.69	-8.84	-21.5	-6.7	483.87	7.02	0.14	-0.02	-1
11/10/2023	18:58:47	11:58:47	68327	5862	5862	41.3719	-103.6101	5900.2	19352.7	33.81	38.91	52.19	-1783.45	-9.06	18.64	3	-22.38	-8.28	-21.2	-6.16	486.55	7.06	0.26	-0.25	-0.92
11/10/2023	18:58:52	11:58:52	68332	5867	5867	41.3723	-103.6091	5855.6	19206.4	41.63	47.91	70.48	-1755.91	-8.92	18.42	3	-22.31	-8.16	-20.9	-5.62	489.8	7.1	0.04	-0.3	-0.9
11/10/2023	18:58:57	11:58:57	68337	5872	5872	41.3725	-103.6081	5806.2	19044.3	34.4	39.59	65.28	-1944.89	-9.88	18.22	3	-22.13	-7.83	-20.5	-4.9	492.86	7.15	0.69	0.02	-0.54
11/10/2023	18:59:02	11:59:02	68342	5877	5877	41.3726	-103.6071	5756.3	18880.7	28.59	32.9	61.47	-1964.55	-9.98	18.01	3	-21.88	-7.38	-20.1	-4.18	496.05	7.19	-0.06	-0.17	-1.06
11/10/2023	18:59:07	11:59:07	68347	5882	5882	41.3731	-103.6061	5708.8	18724.9	34.59	39.8	56.9	-1970.08	-9.5	17.81	3	-21.63	-6.93	-19.7	-3.46	499.21	7.24	-0.02	0.07	-0.72
11/10/2023	18:59:12	11:59:12	68352	5887	5887	41.3733	-103.6051	5660.2	18565.5	40.58	46.69	79.06	-1913.39	-9.72	17.6	3	-21.38	-6.48	-19.4	-2.92	502.61	7.29	0.04	0.1	-1.09
11/10/2023	18:59:17	11:59:17	68357	5892	5892	41.3736	-103.604	5614.5	18415.6	33.26	38.27	60.39	-1799.23	-9.14	17.42	3	-21	-5.8	-19.1	-2.38	505.77	7.34	0.52	-0.36	-0.97
11/10/2023	18:59:22	11:59:22	68362	5897	5897	41.3739	-103.6033	5568.5	18268	23.79	27.38	85.09	-1771.64	-9	17.26	4	-20.5	-4.9	-18.9	-2.02	508.74	7.38	0.28	-0.09	-0.89
11/10/2023	18:59:27	11:59:27	68367	5902	5902	41.374	-103.6023	5521.1	18102.2	37.28	42.91	68.36	-1905.52	-9.68	17.07	6	-20.25	-4.45	-18.8	-1.84	511.98	7.43	0.17	0.01	-1.03
11/10/2023	18:59:32	11:59:32	68372	5907	5907	41.3742	-103.6014	5476.1	17961.6	22.24	25.59	92.34	-1771.66	-9	16.92	7	-20	-4	-18.5	-1.3	515.25	7.47	0.17	-0.1	-0.96
11/10/2023	18:59:37	11:59:37	68377	5912	5912	41.3741	-103.6005	5428.7	17805.1	37.96	43.69	97.11	-1866.12	-9.48	16.74	7	-19.88	-3.78	-18.1	-0.58	518.39	7.52	0.13	0	-0.99
11/10/2023	18:59:42	11:59:42	68382	5917	5917	41.3741	-103.5993	5384.8	17662.1	37.75	43.44	79.97	-1728.35	-8.78	16.58	7	-19.63	-3.33	-17.7	0.14	521.52	7.56	0.03	0.12	-1.03
11/10/2023	18:59:47	11:59:47	68387	5922	5922	41.3742	-103.5982	5341.9	17521.4	35.34	40.67	81.62	-1689	-8.58	16.44	7	-19.5	-3.1	-17.3	0.86	524.49	7.61	0.21	0.05	-0.92
11/10/2023	18:59:52	11:59:52	68392	5927	5927	41.3742	-103.5972	5299.1	17381	29.41	33.84	100.26	-1685.02	-8.56	16.35	7	-19.44	-2.99	-16.9	1.58	527.66	7.65	0.19	-0.26	-0.86
11/10/2023	18:59:57	11:59:57	68397	5932	5932	41.3742	-103.5965	5254.8	17235.7	24.31	27.97	66.39	-1744.1	-8.86	16.26	6	-19.06	-2.31	-16.5	2.3	530.55	7.69	-0.09	-0.28	-1.04
11/10/2023	19:00:02	12:00:02	68402	5937	5937	41.3744	-103.5957	5213.9	17101.6	28.33	32.6	70.05	-1610.25	-8.18	16.19	6	-18.81	-1.86	-16.1	3.02	533.4	7.74	-0.2	-0.19	-1.01
11/10/2023	19:00:07	12:00:07	68407	5942	5942	41.3745	-103.5951	5172	16964.2	19.04	21.91	102.93	-1649.6	-8.38	16.12	5	-18.5	-1.3	-15.7	3.74	536.67	7.78	0.1	-0.05	-0.97
11/10/2023	19:00:12	12:00:12	68412	5947	5947	41.3743	-103.5943	5130	16828.4	33.32	38.34	105.11	-1653.54	-8.4	16.1	5	-18	-0.4	-15.3	4.46	539.39	7.82	-0.08	-0.03	-0.88
11/10/2023	19:00:17	12:00:17	68417	5952	5952	41.3743	-103.5933	5087.2	16686	24.83	28.58	73.03	-1685.04	-8.56	16.04	5	-17.69	0.16	-15	5	542.78	7.87	0.22	-0.25	-1
11/10/2023	19:00:22	12:00:22	68422	5957	5957	41.3743	-103.5928	5045.3	16548.6	25.56	29.42	117.46	-1649.6	-8.38	15.96	4	-17.19	1.06	-14.6	5.72	545.67	7.91	0.22	-0.25	-1.01
11/10/2023	19:00:27	12:00:27	68427	5962	5962	41.3741	-103.5918	5002.4	16407.9	33.08	38.06	85.36	-1688.98	-8.58	15.9	4	-16.81	1.74	-14.2	6.44	548.61	7.96	-0.19	-0.01	-0.95
11/10/2023	19:00:32	12:00:32	68432	5967	5967	41.3742	-103.591	4961.1	16272.4	18.53	21.32	86.02	-1625.99	-8.26	15.8	4	-16.69	1.96	-13.8	7.16	551.51	8	-0.09	-0.21	-1.01
11/10/2023	19:00:37	12:00:37	68437	5972	5972	41.3741	-103.5905	4920.6	16136.6	27.06	31.14	117.45	-1594.49	-8.1	15.69	4	-16.38	2.52	-13.4	7.88	554.43	8.04	0.02	0.1	-0.94
11/10/2023	19:00:42	12:00:42	68442	5977	5977	41.374	-103.5895	4878.3	16000.8	30.61	35.22	82.18	-1665.35	-8.46	15.6	4	-16.06	3.09	-13	8.6	557.82	8.09	0.16	-0.2	-0.94
11/10/2023	19:00:47	12:00:47	68447	5982	5982	41.3739	-103.5888	4835.9	15861.8	30.01	34.54	110.76	-1669.3	-8.48	15.48	4	-15.56	3.99	-12.6	9.32	560.62	8.13	0.33	0.49	-1.09
11/10/2023	19:00:52	12:00:52	68452	5987	5987	41.3739	-103.5879	4793.9	15724	19.89	22.88	87.08	-1653.54	-8.4	15.39	3	-15.38	4.32	-12.3	9.86	564.02	8.18	0	-0.2	-0.97
11/10/2023	19:00:57	12:00:57	68457	5992	5992	41.3737	-103.5871	4750.3	15581	37.8	43.27	93.3	-1716.53	-8.72	15.25	3	-14.94	5.11	-12.1	10.22	566.81	8.22	0.28	-0.16	-1.02
11/10/2023	19:01:02	12:01:02	68462	5997	5997	41.3738	-103.5861	4710.4	15450.1	22.13	25.46	102.58	-1570.88	-7.98	15.14	5	-14.81	5.34	-12.1	10.22	570.15	8.27	-0.19	-0.26	-0.94
11/10/2023	19:01:07	12:01:07	68467	6002	6002	41.3737	-103.5852	4667.6	15309.7	32.82	37.77	75.52	-1685.04	-8.56	14.99	8	-14.44	6.01	-12.1	10.22	573.08	8.31	-0.1	-0.21	-1.06
11/10/2023	19:01:12	12:01:12	68472	6007	6007	41.3737	-103.5845	4627.3	15177.5	29.85	34.35	106.88	-1586.6	-8.06	14.84	11	-14.06	6.69	-12	10.4	576.28	8.36	0.09	-0.23	-0.96
11/10/2023	19:01:17	12:01:17	68477	6012	6012	41.3737	-103.5835	4586.2	15042.7	23.58	27.13	75.38	-1618.11	-8.22	14.78	12	-13.75	7.25	-11.8	10.76	579.27	8.4	0.01	-0.24	-1.02
11/10/2023	19:01:22	12:01:22	68482	6017	6017	41.3736	-103.5827	4547.8	14916.8	37.63	43.3	102.19	-1511.81	-8.28	14.62										

11/10/2023	19:08:19	12:08:19	68899.5	6434.5	6434.5	41.367	-103.5364	1465.9	4808.2	6.32	7.27	27.25	-1526.4	-7.76	24.49	15	4	39.2	10.6	51.08	857.81	12.44	0.09	-0.2	-1
11/10/2023	19:08:20	12:08:20	68900	6434.5	6435	41.367	-103.5364	1465.9	4808.2	0	0	234.21	0	0	24.49	15	4	39.2	10.6	51.08	857.81	12.44	0	0.09	-0.94

Rot-X (deg/s)	Rot-Y (deg/s)	Rot-Z (deg/s)	Battery Voltage
0	0	0	8.6
7.6	-16	-158.9	8.6
10	-12.5	-111.8	8.6
14.9	-7.8	-68.1	8.6
5.8	-2.4	-41.1	8.6
5.4	4.7	-21.6	8.5
11.1	-8	-140.8	8.4
1.3	-12.7	22.1	8.4
4.7	-22.3	-133	8.4
-0.8	1.7	-84.2	8.4
5.7	-15.8	-97.3	8.4
-12.4	-11.6	-3.4	8.4
-12.2	0.7	-58.9	8.4
6.6	-7.5	-108.8	8.4
-5	-4	-12.5	8.4
-4.7	-4.8	-44.5	8.5
8	-6.8	-66	8.4
3.1	-18.1	-122.4	8.4
-6.4	3.2	4.7	8.4
-11.2	1.9	51.1	8.4
-3.1	0.2	11.8	8.5
-0.1	-5.4	-75.7	8.4
13.4	-6.1	-103.8	8.5
15.6	11.9	-38.3	8.4
-0.5	-36.2	-184.9	8.4
6.2	15.8	45.3	8.5
2.3	8.4	-43.7	8.4
-5.2	-0.2	-17.5	8.6
2.4	-4.8	-3	8.6
-6	-8.2	-56.7	8.5
2.2	3.7	-47.3	8.4
-1.2	7.8	9.2	8.4
-17.1	6.7	90.7	8.5
-2.8	6.5	41.8	8.5
2	-7.5	-50.3	8.4
-4.3	-7.4	-27.7	8.5
-1.4	-0.8	9.4	8.4
-6.4	-11.1	-19.7	8.4
-0.7	-7.6	-118.9	8.5
0.4	-4.7	-69.7	8.4
-4	-8.6	18.1	8.4
-0.3	3.4	-34.8	8.4
-6.6	5	-22.7	8.4
-2.5	-3.1	47.2	8.4
-12.7	2	112.2	8.4
-13.9	1.4	21.1	8.5
-5.9	2.8	-34.9	8.4
3.2	-3.9	48.2	8.4
2.6	-2.1	-61.1	8.4
-1.1	-9.2	-100	8.4
6.1	0.8	-51.5	8.5
5.5	-6.2	-35.1	8.6
6.8	-16	-52.2	8.6
-1.3	-9.8	-61.4	8.5
9.8	-8.9	-91.4	8.4
6.7	-5.6	-43.6	8.4
-0.4	-5.1	-14.3	8.5
-2.5	7.2	-71.6	8.4
-15.3	2.3	121.6	8.4
-0.9	0.3	77.6	8.4
-11.2	6.2	83.4	8.5
-6.4	5.4	82	8.4
-4.6	3.6	43.6	8.5
-5.1	1.5	11.3	8.4
-2.5	-1.9	-17.8	8.4
-0.3	-8.3	-32.9	8.4
-1.6	-6.3	-30	8.4
-2.7	3.9	-35.6	8.4
-4.8	-9.2	-28.2	8.4
1.9	-11.2	-73.3	8.4
12	-9.7	-50	8.4
2	-3.6	-28.7	8.4
-3.4	-2.8	-11.3	8.4
1.8	-6.5	-31.8	8.5
4.3	4	-20.2	8.4
-4	0.5	-31.2	8.6
0.6	-3.1	16.4	8.5
-3.4	4.3	-23.5	8.5
-6.2	3.3	-26.9	8.5
-1.9	-8.5	-45.2	8.5
2.5	-1.3	-40.3	8.4
-3.9	-5.6	-14.5	8.4
-1.2	-8.4	-7.5	8.4
1.4	-4.4	-23.5	8.5
-1.2	-2.9	-49.2	8.4
2.6	2.2	-21.8	8.4
-3.6	-1.3	-63.1	8.4
-0.9	-2.8	-66.9	8.5
-8	-3.7	-67.7	8.4
-0.8	-5.9	-74.4	8.5
2.6	-6.5	-83.2	8.5
-4.3	-2.1	-47	8.4
2.1	2.1	11.1	8.5
-2.5	0.2	0.9	8.5
-5.6	-3.6	7.7	8.4
2.6	2.3	26.1	8.4
4.6	-2.9	1.9	8.5
3.1	2	-44.9	8.5
-4.6	-3.9	-57.6	8.5
6	-9	-81.4	8.5
1.4	-2.9	-14.7	8.6
-4.3	-16.3	-106	8.4
6.7	8	-70.8	8.4
1.6	-3.9	114.3	8.4
-2.7	-0.7	112	8.4
-1.2	6.1	33.8	8.4
-8.7	-2.5	5.5	8.4
-6.6	1.2	16.8	8.4
5.2	-3.4	20.2	8.4
18.1	-23	-131.6	8.4
-5.9	-8.4	21.4	8.5
7.8	-12.2	-88.9	8.4
5.1	-14	-108.3	8.4
-2.8	-14.2	-118.3	8.4
5.8	-5.7	7.2	8.5
-2.7	-1.2	-97.1	8.4
5.9	-12.6	-97.6	8.4
-9.2	-5.3	1.1	8.4
-5	-14.8	-50.8	8.5
4.7	-4.7	-87.6	8.4
-5.5	-10.9	-57.6	8.4
1.4	-10.6	-70.5	8.5
-2.3	1.7	-42.3	8.4
-7.2	-0.7	-10.3	8.5
-2.1	1.3	-17.8	8.5
-11.7	-5.7	-0.9	8.5

-13.8	-2.3	31.8	8.5
-15	8.2	55.6	8.5
-2	1.5	57.7	8.5
-4.2	0.1	22.7	8.5
-1.6	4.7	-33.5	8.5
-1.4	0.3	-20.6	8.5
2.4	5.3	24	8.5
-1.2	-0.7	-15.8	8.5
-1.7	0.5	-9.5	8.5
-3.7	4	-36.3	8.4
-2.8	-4.7	-27.4	8.4
-3.5	-7.2	-48.9	8.4
0.4	-7.5	-71	8.4
-2.6	-6.7	-78.7	8.4
3.4	-0.4	45.4	8.4
-8.2	9	119.8	8.4
-0.4	3.6	82.2	8.4
-0.6	6.7	28	8.4
5.1	2.3	-2.8	8.4
-0.6	-5.5	-47.3	8.4
-0.3	2.1	-69.8	8.5
4	0.1	-6.4	8.5
-6.1	0.2	40.7	8.5
-4.6	5.9	64.7	8.5
-11.1	1.4	41.8	8.4
-11.1	7.8	66.1	8.4
-3.6	3.9	50.8	8.4
-5.3	2.6	-40.1	8.5
-2.9	-9	-41.7	8.4
1.7	-5.1	-47.9	8.4
-2.6	-9.9	-66.2	8.4
6.7	-10.6	-87.4	8.4
-6.4	-8.9	-42.7	8.4
9.8	-19.4	-121.4	8.4
-1.4	-5.7	-6.7	8.4
0.2	0.1	16.6	8.5
-7.2	-2.2	46.6	8.4
-1.2	14.8	43.2	8.4
-4.5	-3.8	-107.1	8.4
0.2	-10	-82	8.5
2.6	-0.4	-23.8	8.4
-2	5.7	9.1	8.4
-6.8	7.5	65.8	8.4
-0.5	-3.2	17.5	8.4
-2.2	-8.1	32.4	8.5
-10.9	-4.2	49	8.5
-8.9	-1	-19.3	8.5
-2.9	0.2	-14.5	8.4
0.9	-0.5	-39.5	8.4
0.2	-8.2	-73.7	8.4
0.6	1.3	-31.3	8.4
-5.1	1.7	41.5	8.4
-5.1	2.1	56.1	8.4
-7.6	-1.4	15.6	8.4
-2.8	-6.5	-33.4	8.4
-8.9	-1.6	-3.4	8.5
1.2	4.9	-2.5	8.4
1.6	-7.3	-45.9	8.4
-2.5	-1.6	2.1	8.5
-2.6	4.1	-12.4	8.4
-5.1	-0.6	-27.6	8.4
1	-3.4	28.2	8.4
-4.2	4.7	36.6	8.4
-10.7	4.7	79.3	8.4
-10.4	3	72.9	8.4
-10.7	2.4	69.6	8.4
-4.8	6.6	56.4	8.4
2.6	1.2	-40.4	8.4
-2.5	-6.7	-46.7	8.4
3.4	-2.4	-85	8.5
1.7	-6.2	-87.5	8.5
-0.8	-8.4	-99.5	8.4
4.2	-7.8	-12.3	8.4
5	-6.4	34.1	8.4
-7.2	-20.5	-127.2	8.4
1.7	0	-11.2	8.4
-0.4	3.2	60.8	8.4
4.6	0.8	-15.5	8.4
6.5	1.8	1.7	8.4
-5.9	0	-34.5	8.4
2	-2	-18.3	8.4
-3	3.5	-25.5	8.4
3.8	0.4	-3.2	8.4
2.9	-1.6	-53	8.4
-4.9	-0.4	-12.7	8.4
-1.8	-3.3	21.3	8.4
-4.7	-4.4	-6.1	8.4
-4.5	-5	35.7	8.4
-5.3	10.3	11.3	8.4
-0.3	0	19.6	8.4
1.2	3.1	-17.4	8.4
-6.6	-10.6	-72.6	8.4
1.7	-7.6	-87.5	8.4
7.3	-10.6	-43.4	8.5
3.5	1.7	-8.7	8.5
-4.2	2.8	1.3	8.4
-1.4	2.5	-8.1	8.4
-2.8	7.6	33.8	8.4
-4.8	-4.3	-49.3	8.4
2.9	-9.8	-72.3	8.4
-4.5	0.9	-33.2	8.4
4.7	-8.9	-121.5	8.4
5.4	-2	-43.5	8.5
-4.2	-1.8	-22.8	8.5
11.1	-11.1	-148.9	8.4
11.7	-5.6	-24.2	8.4
2.6	-7.6	-17.3	8.4
-5.6	-11.6	-82.5	8.4
6.5	-2.1	-0.2	8.4
4.3	1.2	14.3	8.4
-11.6	3.9	64.6	8.4
-3.3	8.3	64.9	8.4
-5.1	1.8	14.1	8.4
-0.9	5.8	17.7	8.4
-3.7	4.6	36.2	8.4
-1.3	1.2	-0.1	8.4
-3.7	-2	-6.1	8.4
-2	-5.2	-34.2	8.5
-4.3	1	9.5	8.5
-5.2	-4.8	-6.1	8.5
6.4	1.5	-17.2	8.5
0.1	5.6	-12.9	8.5
-1.5	-0.4	-35.4	8.5
-4.5	-6.9	-23	8.5
0	-5.7	-23.3	8.5
-1.7	1.1	4.3	8.5
-4.3	-2	26.9	8.5
-3.8	5.3	19.5	8.5
-3.9	2.3	31.2	8.5

-7.9	-3	-7.3	8.5
-10.1	-2.8	6.8	8.5
-7.8	4.9	-2.9	8.5
-5.6	-3.4	-21.8	8.5
12.6	-9.2	-89.3	8.5
-8.7	-4.2	5.4	8.5
-1	7.5	44.3	8.4
-3.2	10.1	62.5	8.4
-1.8	-1.8	-6.7	8.4
-3.1	2	-57.7	8.4
3.2	1.5	-0.5	8.5
-1.5	1.9	-36.5	8.4
-6.7	-4.7	36.7	8.4
-2.8	-8	-5.8	8.4
4.6	7.2	-63.9	8.4
-9.4	-19.6	-111.4	8.3
5.8	-1.5	-13.2	8.4
1.7	-6.7	99.9	8.3
-2.5	16.3	70.9	8.5
-6	0.1	2.4	8.4
-16.3	2.3	100.7	8.4
-13.1	10.1	36.9	8.4
-8.4	-1.4	58.6	8.3
-10	7.4	93.6	8.3
-14.9	5	44.1	8.3
-15.4	1.5	38.3	8.3
-13.4	5.3	85.6	8.4
1.2	6.9	65.4	8.3
-2.6	-4	-4.3	8.3
-10.2	0.9	36	8.4
-1.4	10	54.5	8.4
2	-5	-24.7	8.3
1.6	1.1	15.4	8.4
-4.8	1.7	52.5	8.3
2.5	4	10.1	8.4
-2	-5.2	-38.4	8.3
0.2	-8.3	-79.3	8.3
-3.9	-7	-99.1	8.4
5.7	-9.4	-102.6	8.3
5.5	-14.4	-30.6	8.4
3.4	1.2	-37.8	8.3
-5.3	12.9	-18.9	8.4
-16.5	10.1	108.4	8.5
-3.1	14.1	30.3	8.5
-6.1	5.2	57.7	8.3
-2	7.2	69.8	8.3
-3	4.2	8.1	8.3
-3.5	1.7	38.2	8.4
-0.7	1.8	-7.5	8.3
-3.3	-0.7	-49	8.4
-0.7	-4.4	-7.5	8.4
-1.7	-1.8	-6.1	8.4
2.1	-0.7	-69.9	8.4
-6.2	-3.9	-25.8	8.4
-6.3	-1.9	7.4	8.4
-7	-3.7	-8	8.4
-10.9	-6.8	38.9	8.4
1.6	5.8	46	8.3
0.8	-1.2	7.7	8.3
-5.4	0.4	-43.3	8.3
-4.3	-5.8	-89.2	8.3
4.2	-14	-72.4	8.4
3.4	-4.4	-29.4	8.3
-1.4	-2.5	40.4	8.3
-0.4	3.7	17.3	8.4
-3.9	0.6	-33.2	8.4
-4.7	-1.2	9.2	8.5
-3.4	1.6	-19.6	8.5
-4	0.2	11	8.4
-2.9	2.2	2.8	8.3
-1.9	-1	52.6	8.3
-3.7	10.5	57.7	8.3
5	3.7	16.9	8.3
0.3	-1.8	23.9	8.4
-5.6	8.6	15.3	8.3
-4.1	2.5	42.2	8.3
-3.3	3.1	28.2	8.4
-4.6	1	20.5	8.3
-2.8	-2.3	-37.8	8.4
1.5	1.8	8.4	8.4
-0.7	3.6	24	8.4
-1.8	2.1	44.7	8.3
-5.2	7.2	46.7	8.3
4.3	-2	-23.1	8.4
8.7	-18.5	-76.8	8.3
8.1	-15.1	-66	8.4
8.4	-14.8	-50.1	8.3
4.5	-6	-69.4	8.3
2	-11.2	-40.1	8.4
1.5	-14.3	-1.7	8.4
-1	8.2	-46.9	8.5
-5.8	12.9	8.9	8.5
0.6	11	12	8.5
-2	1.5	74.3	8.5
-5.4	10.6	94.8	8.5
-1.7	11.1	55.5	8.4
-0.7	3.2	33.1	8.4
-10	6.6	130.2	8.4
-11.7	8.7	141.9	8.4
-0.3	3.1	12.8	8.4
-3.2	5.1	44.7	8.3
-0.8	2.2	19.8	8.3
-1.3	0.3	-15.2	8.3
1	-2.8	33.4	8.4
-1.4	-8.2	21.9	8.3
-0.3	-6.4	16	8.3
-0.7	6.9	42.4	8.4
-4	-5.4	25.4	8.3
-12	10.3	116.5	8.4
-8.1	5.6	46.9	8.3
-10.8	11.6	55.3	8.3
-6.2	1.7	27.9	8.4
-2.8	0.8	21.9	8.3
-1	9.7	7.6	8.3
3.9	5.8	16.3	8.4
-6.4	1	-15.8	8.4
1.3	-3.9	14.7	8.3
-1	-12.3	-69.5	8.3
9.2	-12.3	-107.1	8.3
-6.9	-4.5	9.6	8.3
-0.3	-0.1	23	8.3
3.7	-5.1	18.2	8.3
0.1	-3.1	-5.4	8.3
-10.8	1.4	18.5	8.3
-6.4	1.1	-0.7	8.3
-15.4	5.9	89.5	8.3
-13.8	7	6.5	8.3
-17.3	2.6	81.2	8.4
-11.3	0.3	86.1	8.3

-10.9	6.7	54.7	8.3
-8.4	-1	24.4	8.3
-18.3	14.7	127.8	8.4
-6.3	11.1	57.2	8.3
-3.5	-4	14.3	8.4
-12.6	-6.1	-62.1	8.3
-2.6	-3.4	-94.1	8.4
2.3	-4.3	-66.1	8.3
6.2	-5.6	-30.5	8.3
-2.5	-12.8	-76.3	8.4
9.8	3.4	-11.2	8.4
-2.6	-1.1	-16.9	8.4
-2.9	3.6	22.4	8.3
-6.2	3.3	-56.1	8.3
-6.1	-4.2	24.8	8.3
-0.7	-1.7	27.6	8.3
-0.7	-5.8	-21.8	8.4
3.8	-5.4	-49.3	8.3
-3.7	-3.5	-43.5	8.3
-7.2	-4.3	33.7	8.3
-9.7	0.8	107.6	8.4
-6.4	9.2	93.3	8.4
-14.2	11.1	47.3	8.4
-18.8	-1.7	6.2	8.3
-8.1	-14	-40.3	8.3
10	-11.9	-99.2	8.4
19	2.6	-6.5	8.3
-7.7	-13.8	-64.4	8.3
8.1	1.6	-81	8.3
-4.9	-4.4	124.2	8.4
-3.2	17.4	13.4	8.3
0.7	2.1	-2.3	8.3
0.5	-11.6	-41.8	8.3
3.3	-16.5	-52.3	8.4
10.6	-5.6	-103.2	8.4
-3.4	-3.2	11.1	8.3
-2.7	-7.4	-23.9	8.3
-4.3	9.7	7.3	8.3
6.2	3.8	4	8.3
6.2	1.7	-5.7	8.3
-8.1	-5.5	14.3	8.3
8.6	11.1	60.3	8.3
-11.4	-3.6	-64.5	8.3
-0.8	-1.7	-128	8.3
6.6	-0.9	-106.3	8.3
-10.9	4	-17.1	8.3
13	-11.7	-131.1	8.3
6.8	-13.9	-20.9	8.4
9.3	-11.3	-64.4	8.3
3.3	-7.4	-55.1	8.3
-3.2	6.1	26.5	8.4
7	-12.1	-63.4	8.4
-2.5	-14.4	-71.7	8.3
2.6	-1.2	-48.2	8.3
5.6	-8.1	-84.8	8.3
1.2	-5.5	3.6	8.4
-4.4	6.5	-13.4	8.3
2.1	6.5	10	8.4
-0.9	-6.7	-65.8	8.4
14	-0.1	-110.4	8.4
6.2	-5.1	13.3	8.4
4.4	9.7	-39.6	8.4
-12.1	7.7	124.8	8.3
-4.9	8.9	17.5	8.4
-14.3	2.4	65.6	8.3
-8.2	14.8	97.9	8.3
-4.7	6.2	12.9	8.3
-1.7	5.9	62.2	8.3
-8.4	-2.3	1.4	8.3
-8.7	0.4	10.4	8.4
-2.4	8.4	14.2	8.3
-0.7	8.3	13.8	8.3
-3.9	2.4	-17.1	8.3
-9.4	1.7	-7.8	8.4
-0.8	-2	-13.9	8.3
-4	-5	-3.6	8.3
-3.4	6.2	54.9	8.3
-10.1	4	8.1	8.4
-3.4	-4	-2.5	8.3
-8.2	-2.6	64.7	8.3
-5.8	4.3	81.7	8.3
-8	5.8	35.7	8.4
-1.3	3.2	12.6	8.4
-8.7	-6.5	27.1	8.4
-2.3	0.7	53.2	8.4
-4	0.8	48.1	8.4
-5	7.2	59.7	8.4
-5.4	-4.4	-22.5	8.4
1.7	2.6	31.2	8.4
-1.4	-6	-0.3	8.4
7.6	-11.9	-112.7	8.4
2.1	-8.8	-82.5	8.4
0.4	-5.4	-78.2	8.4
6.5	-7.7	-130.5	8.4
2.1	-11.6	-107.6	8.4
-3.1	1.7	-45.4	8.4
-2.3	-7.6	-85.6	8.4
-3.7	-2.6	10.7	8.4
-1	-10.8	-52.5	8.4
5.1	-9.4	-62.9	8.4
5.1	-3.9	-41	8.3
-2	-0.1	-21	8.3
-2.6	-5	8	8.3
-0.4	12.6	37	8.3
0.5	7.9	45.7	8.2
-5.7	10.9	93.4	8.3
-9.5	12	78.6	8.3
-7.5	13.2	77.5	8.3
-9.8	8.1	65.8	8.3
-10.2	-3	39.6	8.3
-9.5	7.1	101.9	8.3
-8.9	11.6	126.6	8.2
-4.5	7.2	48.3	8.3
-8.6	7.5	83.6	8.3
-0.7	-0.2	32.3	8.3
2.5	5.9	-16.7	8.3
3.4	2.9	-0.3	8.3
-3.3	5.3	5.4	8.4
4.3	0.1	22.8	8.4
1.4	3	-11.9	8.3
-1.6	-1.1	-6.2	8.2
-0.3	-2.7	-65.2	8.2
4.4	-1.2	-23.2	8.3
-7.8	-4	-39.4	8.3
3.8	3.1	-23.6	8.4
-2	-7.2	-17.6	8.2
0.6	5.2	-38.7	8.2
-0.4	-2	-46.1	8.3
-2.5	-3.4	17.8	8.4

-6.7	-3	21	8.3
4.2	8.9	43.2	8.3
-1.8	-0.3	-30.6	8.3
0.2	2.9	26.4	8.3
-0.5	-1.5	-14.3	8.3
0.3	-3.4	5.5	8.3
-3.4	6.5	-30.4	8.2
-0.7	-5.1	-19.4	8.3
3.4	-10.9	-30.2	8.3
-4	6.3	-38.4	8.3
-3.7	6.8	-37.9	8.3
-0.1	7.7	99.9	8.2
-11.9	3.9	88.7	8.4
-4.6	4.9	77	8.4
-13.1	6.1	68.7	8.3
-2.1	6.4	15.5	8.2
-4.9	0	42.5	8.2
-0.7	0.7	-55.6	8.3
3.3	6.2	13.5	8.2
-7.8	1.4	-23.8	8.2
-6.6	-0.9	-37.1	8.2
4.2	-2.5	-7.7	8.3
1.3	0.3	-15.8	8.2
0	-6	-46.4	8.2
6.7	-1.7	-100.2	8.2
3.7	1.9	-84.3	8.2
10.4	-6.6	-84.2	8.2
6.4	-2.6	-55.6	8.3
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5.3	-11.6	-128.6	8.2
3.5	1.2	-46.5	8.2
-1	-7.9	-36.4	8.2
7.6	-14.5	-108.1	8.2
-0.6	-8	-69.1	8.2
-3.3	-10.1	-89.7	8.2
4.3	0.2	-65	8.3
3.8	-1.5	-28.2	8.4
-7.1	3.9	59.7	8.4
-3.4	5.3	84	8.4
-3.3	5	32.7	8.4
-6.5	0.2	47.3	8.4
-6.8	-7.7	32.1	8.4
-4.5	6	25.3	8.4
-4.8	2.1	78.3	8.4
-9.9	13.1	127.2	8.4
-3	8	52.9	8.4
0.1	1	-20.6	8.4
-2	2.8	-15.4	8.4
0	-6.4	22.9	8.2
-1.4	4	20.2	8.2
-4.2	-8.3	-42.3	8.3
-7.6	1.4	35.6	8.3
-4.9	5.9	72.1	8.2
-8.2	13.9	127.6	8.3
-13.9	3.2	89.4	8.2
-6.5	0.4	34.3	8.2
-8.9	11.6	66.8	8.2
-11.7	4.8	94.9	8.2
-1.6	5.1	55.5	8.3
-2.6	-5	19.8	8.2
-9.1	-5.5	12.1	8.3
-7.6	-7.1	3.2	8.3
1.5	4.8	54	8.2
0.3	-3.2	-11.4	8.3
1.1	0.9	-15.6	8.2
-2	-2.5	-2.4	8.2
3.7	0.4	9	8.4
-3.5	-10	-123.9	8.4
2.6	-9.1	-60.3	8.4
5.5	2.6	36.8	8.4
-7.8	-5.7	-21.3	8.4
-4.7	-2.6	64.4	8.4
-10.1	5.2	70.2	8.4
-11.6	17.5	108.3	8.4
-12.2	-4.6	-15.9	8.4
-12	13.8	110.7	8.3
-7.7	-1.4	-5	8.3
-2.9	5.3	40.7	8.3
-3.3	-5.6	41.4	8.3
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4.4	-2.5	-98	8.3
2.9	-2.8	-36	8.3
-1.9	-5.4	-60.7	8.2
9.6	-10.3	-177.8	8.3
-0.1	-6.3	-84.5	8.3
0.7	-4	31.3	8.3
-1	8	2	8.2
-4.3	3.5	120.7	8.2
-3.9	11.8	34.8	8.3
-2	8.9	67.4	8.2
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-4.5	4.7	32.7	8.2
-4.3	11.2	53.8	8.3
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2.1	-5	-92.8	8.3
1.3	-5.2	-53.8	8.4
0.1	-2.8	-129.8	8.3
2	-10	-129	8.3
-1.7	-2.9	-40.8	8.2
3.4	2	-46.1	8.3
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4.7	-10.8	-75.5	8.3
3.6	-7.5	-91	8.2
-5.1	1.4	-9	8.2
-2.1	-3.2	-52.3	8.3
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-7.6	3.2	10.6	8.2
-2.9	-7.7	43.1	8.2
-11.6	10.5	79.7	8.2
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7.8	5.9	5.5	8.3
1.8	11	26.9	8.3
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0.7	8.6	114.2	8.3
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-5.1	-1.2	-16.6	8.2
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7	2	5.4	8.3
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4.8	-3.9	-33.3	8.3
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-10.6	4	52	8.3
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-13.7	11.9	107.1	8.3
-10	6.9	56.3	8.3
-11.9	9.6	85.7	8.3
-6	7.6	39	8.3
-8	0.3	44.2	8.3
-11.1	2.8	56.9	8.3
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2.1	-6	-104.8	8.3
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2	-6.2	-56.5	8.3
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5.1	-14.8	-117.8	8.3
2.9	-6	-79.7	8.3
3.4	-9.3	-90.5	8.3
8.1	-3.7	-93	8.3
11.7	-7.8	-96.3	8.2
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1.7	-5.8	-86.4	8.2
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2.8	-6.1	-93.9	8.2
7	-6.6	-137.7	8.3
5.3	-8.3	-61.3	8.2
4.8	-5	-55.1	8.2
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1.5	3.1	-12.7	8.3
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1.7	-1.7	38.2	8.3
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2.5	5	24.8	8.3
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-7.3	-2.7	72	8.3
-5.3	8.9	56.6	8.3
-7	6.6	127.7	8.3
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-6.2	10.2	58.6	8.2
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1.9	5.8	-32.9	8.2
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3.6	-5	-62.9	8.3
5.7	12	15.8	8.2
-23.3	8.8	71.2	8.3
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-36.3	9.4	10.6	8.2
-19.6	-5	1.5	8.3
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-30.1	5.3	9.1	8.2
-13.9	-1.5	39.3	8.2
-4.3	18.1	50.9	8.3
-22.5	-5.1	108	8.2
-8.3	-2	-15.3	8.2
6.6	3.1	-90.9	8.2
5.5	-20.6	-41.2	8.2
11.8	-7.5	-65.6	8.2
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14.8	-4.9	-10.4	8.2
11.9	-17.7	-89.2	8.3
0.3	-1.7	-11.9	8.2
-0.2	-18.9	-78.8	8.3
16.6	-6.2	-71	8.2
-3.4	-1.6	-36.3	8.2
-0.9	1.4	7.3	8.3
7.4	3.6	-0.6	8.2
2.2	-25.7	-144.1	8.3
-1.1	-4.2	10.8	8.3
1.5	-14.2	-126.7	8.2
15	-8.4	6.7	8.2
-4.2	-8.9	-99.2	8.2
10	-3.9	-103.6	8.3
-7.2	-10.3	13.3	8.3
13.3	-6.5	-132.6	8.3
-7.5	-10.8	21.4	8.2
-8.4	-0.1	-19.7	8.3
0.9	-3.9	-19.5	8.2
-4.5	-2.8	33.2	8.2
1.4	15.2	14.1	8.2
-2.1	5.8	-30.1	8.2
-3.2	-2.7	-26.7	8.2
-0.7	-2.6	-36.7	8.2
-5.2	-4.4	-10.7	8.2
7	-15.6	-143.3	8.2
2.4	2.5	-48.4	8.3
-5.1	-7.2	-13.6	8.3
5.7	-14.4	-131.6	8.2
3.1	-6.7	4.8	8.2
0.6	-1.1	-56.1	8.2
-4.7	10.1	71.8	8.2
-0.8	1.2	19.6	8.2
-5.6	5.9	36.1	8.2
-0.6	5.1	94.4	8.2
-6.1	0.9	74.8	8.2
-9.4	16	116.3	8.2
-5	-5.5	-41	8.3
-5.8	2.3	34.6	8.3
-1	-2	8.3	8.3
-5.1	-0.6	18.4	8.3
0.4	2.9	28.8	8.3
0.4	0.1	-11.9	8.3
-2.8	-6.1	-38.7	8.3
1.7	-1.4	7.4	8.3
-0.3	-5.1	-75.1	8.3
0.2	-9.7	-95.8	8.3
-0.1	-7.7	-106.5	8.3
5.1	-3.1	-104	8.3
-2.5	0.2	0.6	8.3
-0.3	-0.1	1.9	8.3
1.3	6.4	-7.4	8.3
-0.9	7.3	59.8	8.3
-3.1	3.4	2.8	8.3
-7.8	5	73.1	8.2

-7.3	3.6	69.1	8.2
-9.2	13	130.9	8.2
-8.4	0.4	43.3	8.1
-5.1	3.7	26.9	8.2
-3.2	3.7	90.5	8.2
-0.7	0.4	48.8	8.1
-4	-1.2	26.4	8.2
-8.4	0.5	38.5	8.2
-15.8	9.2	110.9	8.1
-4	9.8	51.9	8.2
-3.4	9.2	56.8	8.2
-5	-3.7	49.6	8.1
-6.7	4.1	-27.8	8.3
-6.3	-5.6	12.6	8.3
-0.2	-4.2	-47.4	8.2
6.1	2.5	-14.1	8.2
3.6	-13.6	-110.5	8.1
1.5	-6.6	-37.3	8.1
2.3	-1.9	-55.1	8.1
0.3	7.3	21.6	8.1
3.7	1	21.6	8.1
1	0.6	-6.5	8.2
-3	-5.6	-20.5	8.2
1.4	-4.9	19.1	8.1
-1.6	2.9	16.3	8.3
7.8	2.9	-8.6	8.1
-0.3	5.6	-33.5	8.1
-6.5	3.6	90.1	8.1
-8	14.8	30.4	8.1
-8.3	1.1	0.4	8.2
-8.6	8.5	128.1	8.2
-3.5	4.5	86.5	8.1
-6.7	8.3	4.3	8.1
0.3	6.7	83.7	8.1
-6.7	3.7	78.7	8.1
-1.1	14.9	57.3	8.2
-4.2	-4.7	19.6	8.3
-8.6	-2.8	26.3	8.3
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-1.8	-3.3	-1	8.3
-5.2	-3.4	-19.4	8.3
-1.4	5.9	3.3	8.3
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-2.3	-1.7	-55.1	8.3
-2.1	-7.3	-33	8.3
0.7	-3.3	-101.7	8.3
2.1	-9.4	-110.9	8.3
6.7	-5.8	-103.5	8.3
-1.4	-5	-46.1	8.3
2.5	-11.4	-126.2	8.3
9	-6.2	-122	8.3
4	-7.5	-102.6	8.3
1.4	-5.6	-88	8.3
4.7	-3.2	-79.6	8.3
1.8	-9.6	-119.6	8.3
3.2	-7.8	-94.5	8.3
8.4	-0.4	-114.3	8.3
2.5	-6.5	-0.1	8.3
2.3	-5.6	-91.4	8.2
5.8	-1.6	-51.8	8.2
0.1	-3.1	-28.7	8.2
4.2	-7.2	-66.1	8.2
5.3	-4.8	-57.3	8.2
-4.4	-6.9	-34.4	8.2
6.8	-10	-96.4	8.2
1.5	-1.5	-12.3	8.2
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-3.5	1	37.3	8.2
-2.1	0.6	-23.8	8.2
-11.2	12.6	108.8	8.1
0.3	11.1	91.2	8.2
-4.3	7	61.1	8.1
1	9.8	94.4	8.2
-6.1	-8.3	-45.3	8.2
-3.2	-2.5	20.5	8.1
-3.9	-2.1	-29.1	8.1
-2.1	2.5	90.5	8.1
-11.4	12.1	119.2	8.1
6.9	0.7	54.1	8.2
-7.8	-4	41.4	8.1
-7.2	12.8	92	8.2
-10	3	22.8	8.1
1.5	-0.8	46.9	8.2
-6.2	5.5	23.3	8.2
-5	1.2	22.6	8.2
-3.8	-1.2	93.5	8.1
-2.6	1.1	92	8.1
1.5	8.6	69	8.2
-7	-1.4	8.1	8.2
-4.8	1.8	12.9	8.2
-0.8	-10.9	-28.2	8.2
9.6	-16.2	-94.4	8.1
-4.8	-5.6	21.1	8.2
-10.5	-5.3	20.3	8.1
-11.3	13	114.9	8.2
-3.1	8.6	64.4	8.1
0	-5.4	0.1	8.2
-3.7	0.6	45.3	8.2
-5.4	-1.7	2.1	8.2
-5.8	6.7	8.1	8.2
-3	-1.2	1.7	8.2
-2.5	-2.1	13.5	8.2
3.4	-1.7	-6.2	8.2
-1.2	3.7	-18.9	8.2
-2.5	0.1	-30	8.2
-4	-4.5	-11.1	8.2
0.9	-0.7	-29.6	8.2
-0.4	0.4	-22.1	8.2
-3.9	4.7	-24.5	8.2
-2	1	0	8.1
2.8	3.6	-4.8	8.1
-1.3	3.4	-7.9	8.2
-3	-8.5	-10.5	8.1
4.7	7.6	2.2	8.1
-2.8	0.1	-41.4	8.2
1.7	13.9	-18.6	8.1
-6.7	10.7	-16	8.2
-3.7	3.7	-22.7	8.1
-13.9	5.7	77.2	8.1
-14.7	6.5	19.6	8.1
-4.9	1.7	63.7	8.2
-21.1	10.8	132	8.1
-8.6	11.6	30.9	8.1
-1.8	1	10.8	8.1
-9.6	-12.3	-0.5	8.2
-9.7	-5.3	-59.1	8.2
0.1	-6.1	-102.9	8.2
2.8	0.8	-65.4	8.2
-4.3	-8.7	-25.7	8.1

5.9	-13.3	-96.3	8.2
2	-3.3	-56	8.2
0.3	-11	-42.3	8.2
6.3	-15.6	-107.1	8.1
1.2	-2	-51.6	8.2
-0.5	-10.6	-37.3	8.1
5.3	3.7	-13.8	8.1
-5.1	1.3	58.5	8.1
-8	16.3	99.2	8.1
-4.8	8.4	57.5	8.1
-3.6	-4.8	20.5	8.1
-7.6	10	75.7	8.2
-4.4	11.9	114.1	8.1
-4.2	3	79	8.1
-5.3	6.6	28.7	8.1
-6.4	2.2	45.6	8.2
-1.4	10.2	82.1	8.2
-3.7	9.1	76.3	8.2
-5	6.1	98.5	8.1
-6.5	3.8	34.6	8.1
-3.4	4	68.3	8.2
-7	7.3	81.3	8.2
-7.4	1	85.1	8.2
-5.4	8.6	91.2	8.2
-5.3	2.5	7.8	8.2
0.4	-2.8	16.4	8.2
-1.4	-3.3	42.2	8.2
-0.9	-9.1	-14.4	8.2
4.5	1	4.5	8.2
1.8	-5.8	-60.4	8.2
6.9	-6.1	-86.7	8.2
3.8	-0.1	-33.3	8.2
5.9	-14.5	-85.8	8.2
10.3	-1.2	-62.9	8.2
-1.4	-4.8	-28.3	8.2
3.4	-14.2	-124.5	8.2
4.4	-5.6	-104.7	8.2
-0.2	-3.2	-69.9	8.2
2	2.9	-92	8.2
0.4	-1.8	13.2	8.2
0.1	-4.5	-38.4	8.1
0	-2.5	-32.8	8.1
-2.9	-5	-46.1	8.1
-3.3	-4.5	-41.6	8.1
36.8	69.4	181.5	8.1
-53.8	21.3	0.9	8.1
28.8	-44.2	-64	8.1
5.3	98.4	374.9	8.1
-72.7	37.1	235.1	8.1
39.4	-36	-116.5	8.2
111.3	-315.2	502	8.2
61.8	58.6	1711.2	8.1
-31.1	-244	1692.9	8.1
-8.7	299.8	505.3	8.1
188	148.7	384.1	8.1
-441.7	125.9	902.4	8.2
-125.4	-240.3	-66.1	8.1
-21.4	-67.2	719.3	8.2
-45.6	-290.4	718.5	8.2
-241.8	-210.6	727.7	8.2
282.9	600	162.1	8.2
-317.1	-211.4	-58.5	8.2
329.8	449.7	472	8.2
-188.9	-310	34.1	8.2
93.5	166.4	1255.7	8.2
-153.9	162.5	130.8	8.2
309	250.8	312.4	8.2
-98.3	-256.1	-231.9	8.2
176.6	-107.7	317	8.2
66	291.6	832	8.2
-502.6	526.2	683.6	8.2
500.9	-162.2	-301.9	8.2
-577.7	269.8	1730.7	8.2
-118.7	-171	1090.5	8.2
57.2	44.4	247.8	8.2
-117.3	21.6	-67.4	8.2
-119.9	49.7	20.7	8.2
4.3	-68.7	-270.1	8.2
-97.2	-3.9	-475.7	8.2
-128	-32.4	143.4	8.2
-45	-21.6	159.5	8.2
0.4	-38.7	317.2	8.2
-22.8	15.9	-115.2	8.2
3.2	-49.7	-24.4	8.2
43	172.3	28	8.2
-5.3	58.6	-197.9	8.1
-19.2	10.7	214.1	8.1
26.8	43.3	-298.5	8.1
-8.7	-67.4	-46.2	8.1
-82.9	-52.8	-17.9	8.1
0.2	11.1	-236.8	8.1
7.8	33.3	19.2	8.1
-82.1	12.9	67.3	8.1
-84	13.9	-9.7	8.2
-24.4	-10.7	169.7	8.1
-16.4	44.9	113.5	8.1
-20.4	-23	5.4	8.1
24.9	-20.3	-98.3	8.1
16.4	-15	-299.9	8.1
-2.4	-64.2	4.8	8.2
43.1	4.7	34.4	8.2
16.8	-32.4	17.4	8.2
-12.3	-47.3	-323.7	8
-1.6	-77.6	-326.7	8.1
-43.2	24.9	-248.9	8.1
13.7	-24.9	295.1	8.1
42.9	51.4	-105.2	8.1
57.4	55.3	-36	8
-23.4	-12.8	-220.3	8.2
-6.2	9.4	-215.6	8.2
-41.8	-11.1	-89.8	8.1
-10.6	-14.6	201.8	8.1
21.3	-13.1	-90.5	8.1
-28	-24.9	194.1	8.1
-9.4	-21.8	-252.8	8.1
-66	-51.2	73.2	8.2
-47.7	74.4	128.1	8.1
33.7	50.1	-156.4	8.1
-33.9	-41.5	-91.8	8.2
36	-30.9	-276.3	8.1
53.3	21.1	161.2	8
2.1	-47.3	-246.6	8.1
-97	90	88	8.1
-45.9	35.8	159	8
9.8	-27.1	-44.5	8.2
2.5	-18.8	-119.7	8.2
19.3	-22.4	-41.8	8.2
24.2	48.6	-41.9	8.2
18.5	40.7	-49.6	8.2

11.3	-34.3	-134.2	8.2
-29.7	46.5	-143	8.2
-12.6	12.8	-96.7	8.2
-17.8	0.5	-31.3	8.2
10.3	-35.6	22	8.2
-23.3	-41.4	-139.5	8.2
56	17.7	-112.1	8.2
-54.9	-30.7	-212.3	8.2
-32.9	-40.5	-105.8	8.2
20.2	9.5	3.4	8.2
-25.6	21	-227.7	8.2
-65.4	20.7	49.2	8.2
-41.3	13.4	13.2	8.2
-48.1	-62.5	-216	8.2
-72.2	-16.6	115.4	8.2
12	-34.8	-33	8.2
-42.3	-40.2	221.6	8.1
-15.6	29.2	-160.4	8.2
-20.9	-29.3	84.8	8.2
3.1	-7.8	-43	8.2
20.9	-27.5	-63.6	8.2
-4.7	8.9	-202.3	8.2
36.2	-5.7	-208.5	8.2
28.8	7.6	-92	8.2
17	-7	78.5	8.1
-23	-24.2	86.9	8.1
-59	-1.3	112.4	8.2
19.5	-35.7	80.3	8.2
-18.5	-21.9	-11.2	8.2
0.4	-47.6	-42.9	8.2
-20.7	-25.6	-53.9	8.2
-39.6	-25.4	-98.4	8.1
9.1	-63.3	-31.6	8.1
-27.5	-30.1	-83.1	8
-12.6	-16.6	-16.8	8.1
-3.4	-34	33.5	8
-4.8	-26.7	42	8
16.1	-21.9	-24.2	8.1
-16	13.2	-17.4	8
-35.6	-3.1	119.9	8
-33.5	-6.2	-0.2	8
11.4	-30.7	-14.9	8.1
-22.7	-14.1	36.8	8.1
-17.7	18.8	-9.9	8.2
13.4	-28	-274.9	8.1
-16.8	-60.6	-156	8.1
-8.3	-13.6	-13.9	8.1
-15.2	-22.9	93	8.1
-21.1	-2.6	102.4	8.1
-30.9	-0.1	-27.6	8.1
-2.6	-30.8	-169.2	8.1
-23.5	-14.5	-24	8.1
-12.1	-43	-57.2	8.1
-14.7	-23	-103.2	8.1
-29.6	-5.6	52.2	8.2
13.6	-25.2	-134.2	8.1
25	-2.1	-22.2	8.1
-16.7	-17.5	97.3	8.1
-15.5	-0.8	-68.1	8.2
9.1	-25.4	-144	8.1
-29.3	-8.7	59.4	8.1
-1	-34.1	-213.1	8.1
-7	-20.2	4	8
-12.5	-32.8	9.4	8
-14.7	4	-18.5	8
-8.8	-10.6	-21.6	8
7.8	8.4	7.3	8
-39.5	-14.4	-18.6	8
-6	-20	-74.6	8.1
-17.6	-31	-85.3	8
-27	-3.2	5	8
8.9	-27.5	-45.5	8.1
15.2	-54.8	-155.1	8
8.1	-16.2	54.2	8
2.2	-21.2	-59.3	8.1
5.8	-28	-109	8.1
-22.6	-3.7	54.9	8
-31.2	0.4	-34.8	8
23.9	-31.1	-94.3	8
-22.3	-25.5	131.9	8.1
23.1	-18.8	-120.4	8.1
3.6	-27.4	30.9	8
-37	-28.8	9.1	8
33	-31.2	-184.6	8
5.5	17.2	73.5	8.1
-18.8	-30.2	37.1	8
-14.8	2.9	-29.2	8.1
29.1	-41.2	-203.6	8.1
-17.2	-28.6	78.5	8.1
-10.3	0.1	-45.9	8
-6.5	-5.8	-34	8
-18	-16	-10.1	8.1
-5.4	-33	-60.8	8
-14.3	-25.6	-45.1	8
-22.6	0.9	-54.7	8
43.1	-12	-95.1	8.1
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-18.8	-18.5	90.6	8.1
-20.3	-5.2	-77.5	8.1
6.1	-19.2	29.6	8.1
35	-8.7	-169.2	8.1
20.5	9.5	-55	8
-30.3	-10.6	94.5	8
-24.9	11.9	-1.7	8.1
-29.6	-5.1	-87.7	8.1
21.5	-35.4	-49.1	8.1
-23	-30.1	119.8	8.1
17.2	0.5	110.6	8.1
-32.2	-14.9	-110.2	8.1
16.4	14.4	-22.1	8.1
-34	-13.4	101.9	8.1
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21	-27.2	-233.8	8.1
8.2	33.7	-116	8.1
13.9	6.7	51.9	8.1
-48.9	-13.8	84.7	8.1
-5.3	-26.6	-109.4	8.1
-2	-30.3	24.2	8.1
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6.6	-27.6	-98	8.1
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-12.3	-27.1	-42.5	8
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-22.4	4.3	53	8.1
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26.1	-15.9	-72.7	8.1
5.1	-9.2	53.5	8
-33.6	-3.6	38.3	8
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-13.4	-13.6	-22.3	8.1
-1.4	-11.7	-84.5	8.1
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-88.2	-7.2	22.4	8.1
22.5	9	-67.6	8.1
43.5	28.6	3.7	8.1
-1.9	-13.5	26.3	8
15.6	4.6	-39.5	8.1
21.3	-8	-63.9	8.1
18.5	-13.9	-22.4	8.1
0.7	-22.7	-63.3	8
-21	-3.2	61.6	8
13.8	-17.3	-40.9	8.1
-22.4	-6.2	-29.1	8
-17.8	20.3	133.4	8
-7.3	20.9	133.3	8
-8	5.3	-22.6	8
-17	1.9	7	8.1
-7.3	1.4	2.5	8
2.3	-7	36	8.1
-4	-8.4	-32.4	8.1
0.4	9.8	-17.2	8
-4.9	6.2	100.7	8
13.6	14.7	0.3	8.1
-3.2	-22	-89.7	8
41.6	-1.3	-209.4	8
-17.3	-17.7	-71.6	8
-7.8	-19.6	-42.8	8.1
5.6	-48	-305.5	8.1
-15.5	-4.6	-23.6	8.1
-6.8	-34.9	-42.5	8
0.4	-13.5	-91.5	8
-7.5	-8	-90.8	8.1
-24	-16.5	-157.4	8.1
15.4	-5	48.4	8.1
15.3	-18.6	-44.6	8
24.1	-28.2	-63.1	8
5.3	-3.7	-43.2	8
17.7	0.7	-53.3	8.1
-34.9	15.2	24.1	8.1
1	7	-49.3	8
12.3	-13.9	-37	8
-2.7	-34.1	10.8	8
0.5	-22.5	-25.3	8.1
1.9	-28	-88.6	8
14.5	-22.8	-49.9	8
-15.3	-21.4	25.1	7.9
5.8	-25.2	-42.2	8
-1	-37.4	-113.8	8
16.2	-17.7	-24.6	8
16.9	-50.6	-45.8	7.9
27.9	-0.3	-129.9	8
24.7	-12.1	-77.3	8
-0.3	-13	-38.7	7.9
15.2	17.5	-44.8	8
13.7	11.6	-13.8	8
-6.3	3.1	-17.7	7.9
19.7	-18.5	-181.9	8.1
28.2	-8.5	-88.9	8.1
1.7	-34.7	-74.5	8
-10.9	-12.8	-52.9	8
19.6	-31.7	-137.4	8
-1.2	-31.8	-167.6	8
21.5	-22.7	-201.7	8
1.5	-23.8	6.2	7.9
7.7	1	103.8	8
24	-17	-68.8	7.9
6.6	-29.5	-10.2	7.9
11.2	17.4	-129.7	7.9
-21.8	12.8	166.5	8
7.3	-2.1	85.7	8
-4.5	-19.5	-6.2	8
-8	-14.6	8.6	8.1
-28	16.3	113.3	8
-32.2	-17.7	83	7.9
14.8	-33.6	-176	7.9
29	-22.7	-151.3	8
5.4	8.9	42.1	8
30.8	10.6	-145	8
-4.9	2.3	-83	8
4	-1.4	128.3	8
-5.4	-1.1	49.2	8.1
8.1	-4.8	-59.3	8.1
31.7	6.4	-125.8	7.9
15.9	13.6	-52.3	8
-20.4	-12.5	2.1	7.9
-23.4	-11.6	60.4	7.9
-20	-7.6	-45.7	8
10.8	-5.6	-139.3	8
-32.8	9.7	151.6	8
-9.3	13.3	-35.6	7.9
8.6	9.3	-195.4	7.9
-30.6	-4.5	-145	8.1
5.8	8.6	-38	8
20	-28.2	-74.5	8
2.6	-24.4	-85.6	8
-2.6	-22.5	1	8
1.2	-9.8	-154.3	8
8.9	-16	66.6	7.9
-20.3	-10.5	-86.6	8
24.3	-26.5	-106.5	7.9
19.2	-10.5	-86.2	7.9
19.6	-5.9	-25.5	8
19.9	4	0.3	7.9
15.1	11.9	-15	8
19.7	11.7	57.2	8.1
-12.7	-15.8	73.5	8.1
-19.7	-9	112	8.1
-18.6	1.4	2.1	8
-24.9	-6.3	-24	7.9
-11.2	15.2	45.8	7.9
-7.8	-10.3	43.6	8
-22.5	-4.7	123.1	8
-17.1	-14.1	49.2	7.9
-9.2	3.6	2	8
-11.8	-17.5	-147.9	7.9

-11.8	-17.5	-147.9	7.9
-1.1	0.5	-1	7.9