

- [Preparation \(Info\)](#)

MPEC 2020-T13 : DAILY ORBIT UPDATE (2020 October 6)

The following [Minor Planet Electronic Circular](#) may be linked-to from your own Web pages, but must not otherwise be [redistributed electronically](#).

A form allowing access to any MPEC is at [the bottom of this page](#).

◀ [Read MPEC 2020-T12](#) ▶ [Read MPEC 2020-T14](#)

M.P.E.C. 2020-T13

Issued 2020 October 6, 12:22 UT

The Minor Planet Electronic Circulars contain information on unusual minor planets and routine data on comets. They are published on behalf of Division F of the International Astronomical Union by the Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.

Prepared using the Tamkin Foundation Computer Network

MPC@CFA.HARVARD.EDU
 URL <https://www.minorplanetcenter.net/> ISSN 1523-6714

DAILY ORBIT UPDATE (2020 October 6)

Update to 2020-T08

Full-precision elements for the objects listed here are available at <https://www.minorplanetcenter.net/iau/MPCORB.html>

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
G0091	6.9	0.15	K20CH	70.952	315.862	322.457	1.974	0.11281	45.37288	6	V
J95G10D	15.5	0.15	K20CH	63.705	38.664	243.747	11.913	0.06920	3.21433	11	X
J95U66D	17.6	0.15	K20CH	27.427	20.516	308.965	1.931	0.30139	2.60444	7	X
J97M00N	15.4	0.15	K20CH	194.672	252.136	265.802	18.020	0.09128	3.17436	9	X
J97T11W	16.1	0.15	K20CH	15.810	173.360	181.877	12.453	0.30105	3.22985	7	X
J98S12T	16.8	0.15	K20CH	11.276	80.981	291.904	16.049	0.38286	3.13355	4	X
J99R65X	17.5	0.15	K20CH	25.008	162.763	189.248	4.773	0.30877	2.59776	5	X
J99RN3N	16.7	0.15	K20CH	37.477	213.335	124.818	6.151	0.24085	2.59361	9	X
J99T04R	18.3	0.15	K20CH	16.244	11.868	11.116	22.415	0.17236	1.90409	4	X
K00E99M	17.1	0.15	K20CH	18.549	97.073	348.957	28.057	0.35988	2.60857	6	X
K00J97P	17.3	0.15	K20CH	42.367	182.966	149.379	9.555	0.22248	2.44566	10	X
K00Sc2Z	16.6	0.15	K20CH	17.808	88.054	237.581	10.935	0.15463	2.96047	8	X
K00T33Y	18.1	0.15	K20CH	21.762	314.135	52.607	5.207	0.19142	2.23049	6	X
K00T72R	17.9	0.15	K20CH	50.095	178.925	144.434	7.156	0.22287	2.23650	10	X
K00WK2J	16.2	0.15	K20CH	118.402	289.247	302.561	17.195	0.06824	3.08769	5	X
K01FJ8K	17.6	0.15	K20CH	18.685	343.427	358.999	8.378	0.26324	2.69075	4	X
K01OB5N	17.1	0.15	K20CH	12.004	244.646	94.423	16.181	0.32692	2.83843	6	X
K01Q92R	17.5	0.15	K20CH	33.846	99.156	254.599	14.569	0.21003	2.42210	6	X
K01QFOY	15.3	0.15	K20CH	356.460	130.094	263.043	24.112	0.08500	2.81162	8	X
K01QM6Y	18.1	0.15	K20CH	57.301	3.703	324.631	17.483	0.09666	1.94370	5	X
K01RC1T	18.0	0.15	K20CH	45.700	289.299	34.281	2.713	0.22526	2.43152	5	X
K01SB6R	18.4	0.15	K20CH	18.354	51.917	331.944	19.045	0.10074	1.93923	7	X
K01SV8O	18.3	0.15	K20CH	32.219	185.320	163.786	5.802	0.23660	2.43332	3	X
K01TN5Q	17.3	0.15	K20CH	26.993	183.932	158.694	9.422	0.32737	2.83884	6	X
K01UA5O	16.6	0.15	K20CH	11.115	147.079	207.823	15.793	0.24967	2.85738	6	X
K01UD2H	16.5	0.15	K20CH	22.490	298.240	59.115	16.237	0.33916	2.85014	6	X
K01VC4H	17.1	0.15	K20CH	12.460	320.012	50.110	13.986	0.21183	2.84846	7	X
K01Y94C	16.0	0.15	K20CH	17.473	37.129	296.863	7.692	0.04761	2.98260	12	X
K01YG3H	17.0	0.15	K20CH	358.100	337.412	61.521	9.207	0.16688	2.47110	8	X
K01YG3Q	18.2	0.15	K20CH	37.214	8.828	316.759	6.465	0.11990	2.21679	7	X
K02EG5N	16.5	0.15	K20CH	17.424	149.929	177.252	18.442	0.10143	3.08482	8	X
K02GI2U	16.2	0.15	K20CH	108.017	25.212	206.506	11.671	0.01576	3.11445	9	X
K02GJ1D	16.9	0.15	K20CH	71.634	52.241	201.357	13.290	0.24381	2.67335	10	X
K02GJ1Y	16.0	0.15	K20CH	338.284	151.173	217.303	11.022	0.09060	3.10071	9	X

K02GJ6K	18.3	0.15	K20CH	74.267	307.810	30.515	4.676	0.23470	2.26191	6 X
K02L65P	16.4	0.15	K20CH	63.055	13.941	266.224	12.720	0.13344	2.69964	8 X
K02N07S	16.7	0.15	K20CH	79.196	5.220	286.312	25.085	0.21474	2.32151	6 X
K02N81U	17.0	0.15	K20CH	46.048	20.649	287.641	11.830	0.15557	2.71746	9 X
K02P87T	17.8	0.15	K20CH	37.280	33.238	325.212	19.151	0.10936	1.86851	6 X
K02PJ3D	16.7	0.15	K20CH	72.946	355.027	274.891	12.031	0.15336	2.72063	7 X
K02PK6C	17.5	0.15	K20CH	359.982	67.785	303.826	21.234	0.26868	2.36164	5 X
K02Q85M	20.3	0.15	K20CH	19.024	217.081	156.558	6.920	0.40306	2.34411	2 X
K02QF2F	17.7	0.15	K20CH	24.267	54.517	317.446	11.767	0.20436	2.69475	2 X
K02R36J	17.6	0.15	K20CH	10.361	170.498	189.216	6.353	0.19667	2.35399	11 X
K02RG4O	18.0	0.15	K20CH	8.759	200.249	164.637	2.577	0.21175	2.35567	8 X
K02RN1J	17.1	0.15	K20CH	3.969	210.029	177.048	12.083	0.16133	2.71184	7 X
K02RQ7A	18.4	0.15	K20CH	8.083	98.533	268.327	7.576	0.29299	2.72509	5 X
K02RT0G	18.1	0.15	K20CH	251.601	174.410	321.765	20.642	0.09363	1.87511	7 X
K02RTO9	16.5	0.15	K20CH	358.440	21.194	17.123	12.936	0.20072	2.33792	11 X
K02S33Q	17.6	0.15	K20CH	25.321	18.800	341.048	2.327	0.22190	2.35258	11 X
K02S35C	18.1	0.15	K20CH	7.423	7.627	20.928	9.983	0.35371	2.72633	5 X
K02S37J	17.7	0.15	K20CH	33.589	305.888	38.306	5.478	0.25658	2.35367	10 X
K02S64A	15.9	0.15	K20CH	25.818	115.248	304.678	25.315	0.24432	3.20345	8 X
K02T58T	17.5	0.15	K20CH	352.932	169.623	197.508	19.824	0.27360	2.75867	4 X
K02TZ0Y	17.2	0.15	K20CH	21.422	143.809	212.067	9.385	0.28256	2.71713	6 X
K02V51Y	17.3	0.15	K20CH	27.782	253.401	96.191	4.665	0.22274	2.36255	9 X
K02X40K	17.7	0.15	K20CH	344.088	143.482	265.842	12.070	0.38090	2.75717	4 X
K03N03M	17.6	0.15	K20CH	46.173	76.818	248.544	11.050	0.35733	2.25448	7 X
K03N13F	17.2	0.15	K20CH	18.797	221.155	143.925	6.578	0.27514	2.60178	8 X
K03O15G	16.2	0.15	K20CH	39.654	34.855	302.588	15.720	0.21748	3.14264	5 X
K03O34R	17.7	0.15	K20CH	25.768	260.940	87.586	4.116	0.27416	2.61106	4 X
K03O35S	18.0	0.15	K20CH	41.826	195.730	140.890	2.582	0.18925	2.24589	8 X
K03O35T	18.4	0.15	K20CH	52.128	220.568	97.108	4.703	0.26789	2.25194	6 X
K03Q28O	16.7	0.15	K20CH	20.839	39.954	326.882	32.324	0.23823	2.60808	6 X
K03Q45N	15.3	0.15	K20CH	29.818	152.751	156.854	20.147	0.10569	3.20160	9 X
K03QA8A	16.7	0.15	K20CH	41.450	275.313	35.731	15.232	0.39543	2.62398	6 X
K03QB5F	17.6	0.15	K20CH	15.127	136.684	206.257	12.945	0.28778	2.62967	4 X
K03S50D	16.6	0.15	K20CH	47.183	118.585	195.546	12.594	0.18708	2.62117	9 X
K03S96B	17.3	0.15	K20CH	21.637	113.720	214.815	11.944	0.28118	2.64413	6 X
K03S96N	16.7	0.15	K20CH	42.016	69.785	236.562	10.607	0.16169	2.64698	7 X
K03SC6S	16.7	0.15	K20CH	37.691	56.659	251.527	11.756	0.24926	2.62882	7 X
K03SJ7C	17.5	0.15	K20CH	24.106	71.250	248.945	11.739	0.30485	2.64164	4 X
K03SL6O	17.6	0.15	K20CH	17.062	338.170	28.433	8.223	0.35472	2.63416	4 X
K03SQ1O	17.6	0.15	K20CH	357.062	186.756	224.743	6.868	0.35969	2.63054	3 X
K03SR8B	17.3	0.15	K20CH	332.806	181.727	219.160	13.246	0.24397	2.65837	3 X
K03ST8Q	17.2	0.15	K20CH	345.777	162.195	234.792	12.101	0.28482	2.64498	3 X
K03SW9V	17.7	0.15	K20CH	0.539	239.060	164.905	7.065	0.32635	2.62644	6 X
K03SY1R	17.3	0.15	K20CH	43.715	28.952	270.904	12.560	0.18468	2.62929	7 X
K03SZ4V	17.4	0.15	K20CH	32.543	211.926	119.090	6.071	0.33091	2.62832	7 X
K03T60J	16.0	0.15	K20CH	51.452	52.898	230.714	9.439	0.02310	3.25061	8 X
K03U00F	17.8	0.15	K20CH	6.663	315.064	69.197	6.844	0.34166	2.63232	4 X
K03U11P	18.0	0.15	K20CH	344.409	227.306	200.995	22.419	0.29274	2.26775	6 X
K03UA5M	17.1	0.15	K20CH	64.871	263.976	31.076	6.089	0.25564	2.63512	8 X
K03UE9A	16.3	0.15	K20CH	310.600	21.028	70.687	12.852	0.15543	2.64893	11 X
K03UH3B	17.0	0.15	K20CH	0.447	155.774	233.147	4.951	0.26983	2.63993	6 X
K03UM9A	17.8	0.15	K20CH	12.381	24.280	355.838	3.927	0.30396	2.63670	5 X
K03UV6X	17.2	0.15	K20CH	42.223	120.565	213.045	10.928	0.17656	2.60715	6 X
K03UW5E	16.9	0.15	K20CH	357.206	156.364	212.535	14.407	0.27313	3.18815	4 X
K03Ub1E	17.4	0.15	K20CH	359.716	75.477	280.280	12.240	0.19340	2.63175	6 X
K03Uh0Q	16.1	0.15	K20CH	358.757	94.453	265.995	14.320	0.10745	3.21337	7 X
K03W32D	18.0	0.15	K20CH	7.890	122.791	245.007	10.816	0.31073	2.65385	4 X
K03WE3L	17.5	0.15	K20CH	4.311	200.973	172.950	8.237	0.21286	2.28765	10 X
K03WJ8G	16.6	0.15	K20CH	221.349	213.939	270.282	10.390	0.03801	2.72344	7 X
K03WK0M	18.3	0.15	K20CH	21.559	240.731	130.449	3.856	0.19119	2.28078	8 X
K03Y68E	17.0	0.15	K20CH	16.673	294.645	80.635	16.005	0.21997	2.65260	6 X
K04CD1L	16.3	0.15	K20CH	32.582	11.446	329.910	14.294	0.21686	2.75361	11 X
K04E20U	16.4	0.15	K20CH	8.590	74.904	22.213	29.307	0.53918	3.19075	4 X
K04L03U	18.4	0.15	K20CH	32.787	224.669	113.674	9.810	0.53152	2.17574	5 X
K04P30M	18.4	0.15	K20CH	43.391	15.862	302.435	18.773	0.07222	1.92236	4 X
K04R38S	17.1	0.15	K20CH	49.142	104.184	164.038	25.745	0.37672	3.06064	5 X
K04RD9B	16.0	0.15	K20CH	352.735	121.438	237.938	10.769	0.10809	3.08398	8 X
K04RL9F	17.2	0.15	K20CH	25.767	98.811	221.164	12.021	0.20539	2.54599	5 X
K04RP8D	19.2	0.15	K20CH	30.446	112.637	219.253	6.199	0.30304	2.18145	3 X
K04RX8Y	18.3	0.15	K20CH	28.734	178.812	182.949	6.292	0.19494	2.17192	8 X
K04RY2R	17.1	0.15	K20CH	36.685	100.172	213.028	13.382	0.22284	2.52358	7 X
K04S04X	17.4	0.15	K20CH	23.859	248.010	138.115	22.981	0.11657	1.91579	8 X
K04TB8G	18.4	0.15	K20CH	20.727	285.486	87.627	3.601	0.21016	2.17330	6 X
K04TK9E	17.1	0.15	K20CH	43.391	108.609	192.674	25.445	0.19469	3.09103	5 X
K04TM6V	15.9	0.15	K20CH	325.967	176.146	217.094	14.971	0.08915	3.12810	9 X
K04TS1F	18.3	0.15	K20CH	50.747	272.240	57.886	6.477	0.17121	2.18705	6 X
K04TZ0U	16.2	0.15	K20CH	352.127	146.374	219.521	16.760	0.10287	3.15750	7 X
K04Tb2T	18.2	0.15	K20CH	40.735	314.492	33.484	4.910	0.14518	2.18620	9 X
K04Tb6H	17.3	0.15	K20CH	24.456	59.047	273.237	12.755	0.19592	2.54952	7 X
K04U00B	20.4	0.15	K20CH	78.527	36.836	242.899	6.376	0.61821	1.36659	4 X
K04U05K	17.0	0.15	K20CH	348.593	156.316	229.977	12.316	0.25506	3.11711	6 X
K04V11T	16.0	0.15	K20CH	5.299	127.303	253.403	19.976	0.26613	3.09541	5 X
K04XC7L	16.8	0.15	K20CH	325.932	139.129	258.069	14.873	0.14766	2.59889	7 X
K04XD3R	16.5	0.15	K20CH	10.672	112.640	271.700	13.859	0.33747	3.08159	4 X
K04XE2R	17.1	0.15	K20CH	0.986	84.160	273.703	11.836	0.17586	2.59199	8 X
K04XJ3K	17.3	0.15	K20CH	24.754	231.412	111.169	5.553	0.33695	2.57283	8 X
K04XJ9C	17.5	0.15	K20CH	54.670	32.115	262.996	11.061	0.15940	2.61424	7 X
K04Y28B	18.2	0.15	K20CH	1.860	349.068	52.323	4.793	0.18301	2.19280	5 X
K05B00Y	16.6	0.15	K20CH	310.944	119.059	301.599	21.150	0.07658	2.64132	6 X
K05G46D	15.7	0.15	K20CH	332.309	130.421	7.005	16.960	0.18653	3.14174	9 X
K05O16U	16.7	0.15	K20CH	45.808	77.782	212.300	8.547	0.14988	2.92277	13 X
K05O31C	17.2	0.15	K20CH	359.577	247.525	147.824	8.115	0.11672	2.38526	12 X
K05Q83G	17.6	0.15	K20CH	29.562	18.236	335.286	15.622	0.23906	2.40536	5 X

K20S06R	25.7	0.15	K20CH	326.436	278.942	233.685	1.203	0.23718	0.87644	18	X
K20S06T	24.5	0.15	K20CH	38.162	143.192	191.724	12.722	0.49128	1.94124	8	X
K20S06Y	24.3	0.15	K20CH	74.248	314.282	0.575	20.639	0.31691	1.43381	21	X
K20T00A	25.5	0.15	K20CH	75.608	299.807	8.322	12.420	0.36986	1.37069	2	V
K20T00B	24.7	0.15	K20CH	25.664	205.082	188.813	10.609	0.37339	1.59986	2	V
K20T00C	24.2	0.15	K20CH	74.860	268.991	356.763	7.964	0.63183	1.42112	1	B

New observations:

K04L03U	C2020	10	05.54644604	34	34.52	-36	52	56.0	17.320VET013T08		
K04L03U	C2020	10	05.55092604	34	34.01	-36	52	45.9	17.340VET013T08		
K04L03U	C2020	10	05.55368704	34	33.72	-36	52	39.0	17.180VET013T08		
K04L03U	C2020	10	05.55922404	34	33.10	-36	52	25.3	17.190VET013T08		
K04U00B	C2020	10	05.41079807	09	56.73	+37	47	27.7	20.95GVET013G96		
K04U00B	C2020	10	05.41543507	09	54.34	+37	47	28.3	20.12GVET013G96		
K04U00B	C2020	10	05.42007007	09	52.07	+37	47	29.6	19.81GVET013G96		
K04U00B	C2020	10	05.42470307	09	49.71	+37	47	31.2	20.70GVET013G96		
K07VD7X	C2020	10	05.44041000	53	04.22	+08	13	34.3	17.000VET013T05		
K07VD7X	C2020	10	05.45338100	53	03.58	+08	13	45.4	16.930VET013T05		
K07VD7X	C2020	10	05.45658300	53	03.44	+08	13	48.1	16.780VET013T05		
K07VD7X	C2020	10	05.47014600	53	02.79	+08	13	59.9	16.910VET013T05		
K08SF0W	*C2020	10	05.22380	04	25	56.34	-37	48	42.2	18.2	GVET013W88
K08SF0W	*C2020	10	05.22899	04	25	58.82	-37	48	47.8	18.2	GVET013W88
K08SF0W	*C2020	10	05.24294	04	26	05.36	-37	49	03.5	18.1	GVET013W88
K10A78B	S2020	10	02.26068	19	49	16.43	+02	39	30.8	LET013C51	
K10A78B	S2020	10	02.26068	1	+ 4402.0617	-	5219.2688	+ 593.7032	ET013C51		
K10A78B	S2020	10	02.52236	19	49	41.73	+02	43	29.2	LET013C51	
K10A78B	S2020	10	02.52236	1	+ 4413.3849	-	5200.2618	+ 670.1038	ET013C51		
K10A78B	S2020	10	02.65314	19	49	54.37	+02	45	27.9	LET013C51	
K10A78B	S2020	10	02.65314	1	+ 4425.5931	-	5190.2921	+ 666.8360	ET013C51		
K10A78B	S2020	10	02.78391	19	50	06.92	+02	47	26.7	LET013C51	
K10A78B	S2020	10	02.78391	1	+ 4437.7629	-	5180.2919	+ 663.6507	ET013C51		
K11G27O	C2020	10	05.33831506	03	08.36	+43	22	31.5	18.54GVET013G96		
K11G27O	C2020	10	05.34302006	03	11.11	+43	22	37.1	18.67GVET013G96		
K11G27O	C2020	10	05.34772906	03	13.91	+43	22	42.8	18.78GVET013G96		
K11G27O	C2020	10	05.35243706	03	16.72	+43	22	49.0	VET013G96		
K12F62P	5C2020	09	14.46925906	42	15.989	+47	21	09.50	24.3	GVET013G37	
K12F62P	5C2020	09	14.47930506	42	17.684	+47	21	18.84	VET013G37		
K13P06Y	C2020	10	05.45887501	14	04.65	+08	48	39.0	17.010VET013T05		
K13P06Y	C2020	10	05.47151901	14	05.79	+08	48	34.6	16.900VET013T05		
K13P06Y	C2020	10	05.48291401	14	06.82	+08	48	30.3	17.140VET013T05		
K13P06Y	C2020	10	05.48766601	14	07.25	+08	48	28.5	17.000VET013T05		
K13TD2R	KC2020	10	05.49393708	07	17.00	+20	45	59.2	21.15GVET013I52		
K13TD2R	KC2020	10	05.49648608	07	17.60	+20	46	11.7	20.28GVET013I52		
K13TD2R	KC2020	10	05.49774608	07	17.80	+20	46	18.3	22.09GVET013I52		
K13TE4V	C2020	10	05.32405323	31	09.00	-10	56	08.5	19.68GVET013703		
K13TE4V	C2020	10	05.32968123	31	09.11	-10	56	01.9	20.02GVET013703		
K13TE4V	C2020	10	05.34093523	31	09.45	-10	55	49.7	20.16GVET013703		
K13TE4V	C2020	10	05.37457	23	31	11.677	-10	55	11.77	19.0	iUET013F51
K13TE4V	C2020	10	05.38568	23	31	11.939	-10	55	00.51	19.0	iUET013F51
K13TE4V	C2020	10	05.40801	23	31	12.520	-10	54	37.93	19.0	iUET013F51
K15P57S	KC2020	10	05.03482722	11	44.70	+31	15	06.7	22.1	VuET013H21	
K15P57S	KC2020	10	05.04299922	11	44.98	+31	14	59.9	22.0	VuET013H21	
K15P57S	KC2020	10	05.04815222	11	45.16	+31	14	55.3	22.6	VuET013H21	
K16E85D	C2020	10	05.35677505	40	19.28	+40	31	56.6	16.33GVET013G96		
K16E85D	C2020	10	05.36169405	40	23.96	+40	32	14.8	16.37GVET013G96		
K16E85D	C2020	10	05.36661305	40	28.63	+40	32	32.9	16.38GVET013G96		
K16E85D	C2020	10	05.37153805	40	33.33	+40	32	51.0	16.39GVET013G96		
K16E85D	C2020	10	05.49152005	42	29.74	+40	40	01.8	16.290VET013T05		
K16E85D	C2020	10	05.49847005	42	36.38	+40	40	27.2	16.280VET013T05		
K16E85D	C2020	10	05.50445105	42	42.10	+40	40	48.9	16.320VET013T05		
K16E85D	C2020	10	05.50950705	42	46.91	+40	41	07.3	16.420VET013T05		
K16E85D	C2020	10	05.51043405	42	47.77	+40	41	10.3	16.340VET013T05		
K16E85D	C2020	10	05.51641205	42	53.49	+40	41	32.2	16.380VET013T05		
K16E85D	C2020	10	05.52998205	43	06.40	+40	42	21.0	16.230VET013T05		
K16L10Z	KC2016	09	27.89475221	57	25.27	+04	31	57.4	17.4	RVET013160	
K16L10Z	KC2016	09	27.89739721	57	25.85	+04	31	55.6	17.5	RVET013160	
K16L10Z	KC2016	09	27.90002921	57	26.47	+04	31	54.0	17.1	RVET013160	
K16N38V	C2020	10	05.55784404	56	58.13	-27	13	16.1	17.630VET013T08		
K16N38V	C2020	10	05.56014404	56	58.77	-27	13	26.1	17.610VET013T08		
K16N38V	C2020	10	05.56337004	56	59.69	-27	13	40.1	17.660VET013T08		
K16N38V	C2020	10	05.56844004	57	01.12	-27	14	01.2	17.880VET013T08		
K16R33P	KC2016	09	27.91726223	30	29.77	+10	37	55.5	16.6	RVET013160	
K16R33P	KC2016	09	27.91876023	30	29.61	+10	38	04.5	16.7	RVET013160	
K16R33P	KC2016	09	27.92025523	30	29.44	+10	38	12.9	16.7	RVET013160	
K17B93Q	5C2020	09	14.44888704	22	17.323	+72	43	03.78	VET013G37		
K17B93Q	5C2020	09	14.45020104	22	17.703	+72	43	04.99	22.8	GVET013G37	
K17Q34Y	KC2020	10	06.12458719	56	56.67	+62	55	55.1	21.58GVET013I52		
K17Q34Y	KC2020	10	06.13909019	56	52.74	+62	55	18.8	20.80GVET013I52		
K17Q34Y	KC2020	10	06.14412819	56	51.35	+62	55	06.2	22.27GVET013I52		
K18G04X	HC2020	10	05.50260008	20	02.77	-05	51	52.8	VET013I52		
K18G04X	HC2020	10	05.51139708	20	02.32	-05	51	24.0	20.72GVET013I52		
K18G04X	HC2020	10	05.51389708	20	02.16	-05	51	15.3	19.96GVET013I52		
K20D05B	KC2020	10	06.40761701	42	33.14	-12	51	45.8	21.18GVET013I52		
K20D05B	KC2020	10	06.41192401	42	32.72	-12	51	45.8	20.73GVET013I52		
K20F01A	5C2020	09	14.46221505	15	27.294	+16	37	05.80	23.6	GVET013G37	
K20F01A	5C2020	09	14.46448005	15	27.301	+16	36	56.11	23.4	GVET013G37	
K20H08P	C2020	10	05.29568	00	11	57.896	+33	47	40.15	19.2	iUET013F52
K20H08P	C2020	10	05.30421	00	11	57.551	+33	47	21.64	19.4	iUET013F52
K20H08P	C2020	10	05.31275	00	11	57.189	+33	47	02.45	19.1	iUET013F52
K20H08P	C2020	10	05.32112	00	11	56.834	+33	46	43.53	19.2	iUET013F52
K20H10U	KC2020	10	06.10523422	08	20.18	+42	56	20.1	20.39GVET013I52		
K20H10U	KC2020	10	06.10691322	08	20.60	+42	56	11.5	21.12GVET013I52		
K20L03B	C2020	10	05.23705522	32	11.52	-01	48	05.0	19.36GVET013703		

K20L03B	C2020	10	05.24813222	32	11.89	-01	47	56.1	19.37GVET013703
K20L03B	C2020	10	05.25366822	32	11.99	-01	47	52.8	18.91GVET013703
K20M050	KC2020	10	05.06127120	38	27.38	+06	25	38.2	22.3 VuET013H21
K20M050	KC2020	10	05.07006720	38	30.02	+06	25	38.3	22.6 VuET013H21
K20M050	KC2020	10	05.07680920	38	32.03	+06	25	38.3	22.4 VuET013H21
K20M050	KC2020	10	05.07985120	38	32.91	+06	25	38.1	22.1 VuET013H21
K20N01M	KC2020	10	06.15664320	40	15.11	+06	02	37.3	VET013I52
K20N01M	KC2020	10	06.17293520	40	18.10	+06	02	42.6	20.32GVET013I52
K20N01M	KC2020	10	06.17419420	40	18.35	+06	02	43.3	20.27GVET013I52
K20004G	KC2020	10	06.13885702	49	17.73	+35	25	03.8	18.9 GVET013W33
K20004G	KC2020	10	06.14604802	49	17.32	+35	25	04.7	19.5 GVET013W33
K20004G	KC2020	10	06.15324102	49	16.91	+35	25	05.4	19.3 GVET013W33
K20007K	KC2020	10	06.22136300	42	30.22	+12	39	57.7	20.12GVET013I52
K20007K	KC2020	10	06.23063700	42	30.32	+12	39	54.8	20.56GVET013I52
K20007K	KC2020	10	06.24136500	42	30.29	+12	39	48.9	20.36GVET013I52
K20007K	KC2020	10	06.25061000	42	30.30	+12	39	45.6	21.00GVET013I52
K20P00T	KC2020	08	12.08539423	13	02.57	+33	47	28.2	20.0 GVET013C95
K20P00T	KC2020	08	12.12025523	12	58.16	+33	57	33.4	19.8 GVET013C95
K20P01D	KC2020	10	06.18558401	28	39.08	+09	10	02.6	17.6 GVET013W33
K20P01D	KC2020	10	06.19277301	28	39.91	+09	09	40.3	17.6 GVET013W33
K20P01D	KC2020	10	06.19995901	28	40.73	+09	09	17.9	17.6 GVET013W33
K20P05C	C2020	10	05.34752823	54	13.33	+06	43	20.0	18.78GVET013703
K20P05C	C2020	10	05.35293223	54	13.35	+06	43	08.4	18.38GVET013703
K20P05C	C2020	10	05.35833523	54	13.24	+06	42	55.5	18.45GVET013703
K20P05C	C2020	10	05.36374623	54	13.19	+06	42	45.0	18.41GVET013703
K20P05C	KC2020	10	06.02088 23	54	12.05	+06	18	48.4	18.2 VqET013W46
K20P05C	KC2020	10	06.06023 23	54	11.73	+06	17	22.3	17.8 VqET013W46
K20P05C	KC2020	10	06.09042 23	54	11.47	+06	16	16.3	18.3 VqET013W46
K20P05S	KC2020	10	06.35127523	34	54.96	+15	38	19.3	20.29GVET013I52
K20P05S	KC2020	10	06.35691423	34	54.94	+15	38	24.1	VET013I52
K20P05S	KC2020	10	06.36264923	34	54.87	+15	38	29.9	20.19GVET013I52
K20P05S	KC2020	10	06.36814823	34	54.81	+15	38	35.9	20.41GVET013I52
K20P07M	C2020	10	05.46715505	25	02.20	-19	43	39.8	17.10oVET013T08
K20P07M	C2020	10	05.47455305	25	09.12	-19	42	43.1	17.21oVET013T08
K20P07M	C2020	10	05.48015405	25	14.33	-19	42	00.2	17.18oVET013T08
K20P07M	C2020	10	05.49483905	25	27.87	-19	40	07.2	17.56oVET013T08
K20Q03P	C2020	10	06.15529223	42	38.11	+19	08	57.9	20.01GVET013I52
K20Q03P	C2020	10	06.16068723	42	38.74	+19	09	08.3	VET013I52
K20Q03P	C2020	10	06.17158623	42	40.08	+19	09	30.6	19.73GVET013I52
K20Q04E	C2020	10	06.30263501	19	06.03	-03	06	46.4	20.01GVET013I52
K20Q04E	C2020	10	06.30471001	19	06.71	-03	06	44.4	20.01GVET013I52
K20Q04E	C2020	10	06.30678201	19	07.41	-03	06	42.6	20.73GVET013I52
K20Q04E	C2020	10	06.30885301	19	08.03	-03	06	40.3	19.62GVET013I52
K20Q04U	S2020	10	04.14999 20	38	00.61	-35	00	31.2	19 RLET013C51
K20Q04U	s2020	10	04.14999 1 +	4221.9391 -	3879.0015 -	3763.6014			ET013C51
K20Q04U	S2020	10	04.54232 20	38	49.84	-35	16	07.1	LET013C51
K20Q04U	s2020	10	04.54232 1 +	4245.2900 -	3846.0636 -	3771.0501			ET013C51
K20Q04U	S2020	10	04.60764 20	38	58.15	-35	18	41.0	LET013C51
K20Q04U	s2020	10	04.60764 1 +	4236.4314 -	3820.5431 -	3806.8245			ET013C51
K20Q04U	S2020	10	04.67310 20	39	06.52	-35	21	17.4	LET013C51
K20Q04U	s2020	10	04.67310 1 +	4253.0201 -	3835.0588 -	3773.5188			ET013C51
K20Q04U	S2020	10	04.73842 20	39	14.95	-35	23	51.8	LET013C51
K20Q04U	s2020	10	04.73842 1 +	4244.0931 -	3809.5517 -	3809.2782			ET013C51
K20Q04U	S2020	10	05.13075 20	40	05.52	-35	39	20.8	LET013C51
K20Q04U	s2020	10	05.13075 1 +	4266.9925 -	3776.6166 -	3816.4041			ET013C51
K20Q05P	KC2020	10	05.03334522	05	45.09	+14	00	44.8	22.4 VuET013H21
K20Q05P	KC2020	10	05.04445422	05	44.09	+14	00	43.1	22.3 VuET013H21
K20Q05P	KC2020	10	05.05246722	05	43.35	+14	00	41.5	22.1 VuET013H21
K20Q05R	5C2020	09	14.38490423	05	47.630-16	53	10.30		22.8 GVET013G37
K20Q05R	5C2020	09	14.38728623	05	47.540-16	53	10.10		22.5 GVET013G37
K20Q06F	HC2020	10	05.49245208	29	55.52	-02	22	49.8	19.76GVET013I52
K20Q06F	HC2020	10	05.49542208	29	55.68	-02	23	02.5	20.10GVET013I52
K20Q06L	C2020	10	06.48918801	41	53.82	+40	59	46.5	19.29GVET013I52
K20Q06L	C2020	10	06.49131501	41	53.24	+40	59	49.0	19.79GVET013I52
K20Q06L	C2020	10	06.49344701	41	52.75	+40	59	52.6	20.09GVET013I52
K20Q06Q	KC2020	10	06.10220100	11	10.16	+11	18	26.6	19.0 GVET013W33
K20Q06Q	KC2020	10	06.10938700	11	09.91	+11	18	26.5	19.0 GVET013W33
K20Q06Q	KC2020	10	06.11657400	11	09.67	+11	18	26.7	19.0 GVET013W33
K20Q06Q	C2020	10	06.19253200	11	07.67	+11	18	24.5	18.88GVET013I52
K20Q06Q	C2020	10	06.20033400	11	07.44	+11	18	24.0	19.18GVET013I52
K20Q06Q	C2020	10	06.20691800	11	07.22	+11	18	24.5	19.86GVET013I52
K20Q06Q	C2020	10	06.21598000	11	06.92	+11	18	24.5	19.17GVET013I52
K20Q06U	C2020	10	05.19306721	47	28.92	-07	45	48.9	17.80GVET013703
K20Q06U	C2020	10	05.19839821	47	29.15	-07	45	26.4	17.78GVET013703
K20Q06U	C2020	10	05.20905821	47	29.67	-07	44	41.4	VET013703
K20Q06U	KC2020	10	06.05630621	48	17.21	-06	45	42.2	17.8 GVET013W33
K20Q06U	KC2020	10	06.06349221	48	17.56	-06	45	12.8	17.8 GVET013W33
K20Q06U	KC2020	10	06.07068321	48	17.90	-06	44	43.3	17.8 GVET013W33
K20Q06U	C2020	10	06.22311521	48	25.88	-06	34	18.0	17.72GVET013I52
K20Q06U	C2020	10	06.22522321	48	25.98	-06	34	09.3	17.74GVET013I52
K20Q06U	C2020	10	06.24256021	48	26.81	-06	32	58.6	17.66GVET013I52
K20Q06U	C2020	10	06.24333621	48	26.86	-06	32	55.1	17.61GVET013I52
K20R00B	KC2020	10	06.12193418	03	58.60	+36	43	25.0	19.84GVET013I52
K20R00B	KC2020	10	06.12723318	03	59.01	+36	43	30.8	20.06GVET013I52
K20R00B	KC2020	10	06.13000118	03	59.24	+36	43	34.1	20.27GVET013I52
K20R00B	KC2020	10	06.13541518	03	59.68	+36	43	39.6	20.13GVET013I52
K20R00E	C2020	10	06.22350322	11	07.37	-06	15	33.0	19.49GVET013I52
K20R00E	C2020	10	06.22560922	11	07.75	-06	15	38.3	19.69GVET013I52
K20R00E	C2020	10	06.24294722	11	10.69	-06	16	24.5	19.98GVET013I52
K20R00E	C2020	10	06.24658122	11	11.35	-06	16	34.1	20.01GVET013I52
K20R00K	5C2020	09	14.37496523	16	40.041+20	49	29.76		21.2 GVET013G37
K20R00K	5C2020	09	14.37542523	16	40.069+20	49	29.84		21.4 GVET013G37
K20R00K	5C2020	09	14.37588523	16	40.109+20	49	29.90		21.6 GVET013G37

K20R00K	5C2020	09	14.37634423	16	40.144+20	49	29.95	21.4	GVET013G37
K20R00P	KC2020	10	05.18418922	22	59.66 +13	05	32.5	22.2	VuET013H21
K20R00P	KC2020	10	05.19311122	23	00.54 +13	05	44.5	22.2	VuET013H21
K20R00P	KC2020	10	05.19919422	23	01.16 +13	05	52.0	22.5	VuET013H21
K20R00Z	KC2020	10	06.19413100	48	38.47 +23	53	49.5	20.71	GVET013I52
K20R00Z	KC2020	10	06.19647700	48	38.96 +23	53	47.2		VET013I52
K20R00Z	KC2020	10	06.19924400	48	39.46 +23	53	45.4	20.58	GVET013I52
K20R010	mc2020	10	06.40223123	25	17.03 +26	21	55.3	19.62	GVET013I52
K20R010	mc2020	10	06.40265023	25	16.95 +26	21	58.7	19.54	GVET013I52
K20R010	mc2020	10	06.40307023	25	16.81 +26	22	01.2	19.51	GVET013I52
K20R010	mc2020	10	06.40349023	25	16.67 +26	22	04.8	20.51	GVET013I52
K20R02J	5C2020	09	14.36783523	37	58.179+18	46	57.08	19.6	GVET013G37
K20R02J	5C2020	09	14.36801523	37	58.607+18	47	01.32	19.0	GVET013G37
K20R02J	5C2020	09	14.36819523	37	59.024+18	47	05.45	18.6	GVET013G37
K20R02J	5C2020	09	14.36837423	37	59.458+18	47	09.75	18.9	GVET013G37
K20R02J	5C2020	09	14.36855423	37	59.875+18	47	13.82	19.9	GVET013G37
K20R02K	C2020	10	05.47647301	05	19.50 +41	12	47.6	17.69	oVET013T05
K20R02K	C2020	10	05.47971401	05	25.38 +41	13	45.0	18.02	oVET013T05
K20R02K	C2020	10	05.48537601	05	35.60 +41	15	23.2	17.77	oVET013T05
K20R02K	C2020	10	05.50081201	05	51.14 +41	17	07.8	17.56	GVET013I52
K20R02K	C2020	10	05.50094201	05	51.37 +41	17	10.1	17.81	GVET013I52
K20R02K	C2020	10	05.50107301	05	51.60 +41	17	12.0	17.68	GVET013I52
K20R02K	C2020	10	05.50120401	05	51.90 +41	17	14.6	17.45	GVET013I52
K20R02K	C2020	10	05.52100701	06	40.70 +41	25	38.6	17.78	oVET013T05
K20R02K	KC2020	10	06.12401301	28	40.71 +44	18	45.9	17.9	GVET013W33
K20R02K	KC2020	10	06.12481101	28	44.95 +44	16	12.5	18.1	GVET013U55
K20R02K	KC2020	10	06.12797501	28	49.34 +44	19	56.2	18.1	GVET013W33
K20R02K	KC2020	10	06.12865401	28	53.60 +44	17	20.7	18.1	GVET013U55
K20R02K	KC2020	10	06.13193401	28	57.94 +44	21	06.5	18.1	GVET013W33
K20R02K	KC2020	10	06.13260301	29	02.64 +44	18	31.7	17.8	GVET013U55
K20R02K	C2020	10	06.45984001	41	19.98 +45	51	54.3	18.15	GVET013I52
K20R02K	C2020	10	06.45997101	41	20.27 +45	51	56.3	18.10	GVET013I52
K20R02K	C2020	10	06.46010001	41	20.55 +45	51	58.3	17.98	GVET013I52
K20R02K	C2020	10	06.46023001	41	20.89 +45	52	00.3	17.98	GVET013I52
K20R02O	5C2020	09	14.39543522	51	48.449+05	25	09.73	21.4	GVET013G37
K20R02O	5C2020	09	14.39578122	51	48.519+05	25	10.51	21.9	GVET013G37
K20R02O	5C2020	09	14.39612622	51	48.583+05	25	11.01	21.7	GVET013G37
K20R02O	5C2020	09	14.39647222	51	48.658+05	25	11.63	22.0	GVET013G37
K20R02R	C2020	10	06.40422601	16	16.29 -15	43	56.3	19.02	GVET013I52
K20R02R	C2020	10	06.40447201	16	16.46 -15	43	56.8	18.79	GVET013I52
K20R02R	C2020	10	06.40471901	16	16.63 -15	43	58.2	18.91	GVET013I52
K20R02R	C2020	10	06.40496501	16	16.78 -15	43	59.2	18.70	GVET013I52
K20R02V	mc2020	10	06.41617502	49	56.77 -23	43	10.1	20.23	GVET013I52
K20R02V	mc2020	10	06.41659502	49	57.08 -23	43	10.0	20.23	GVET013I52
K20R02V	mc2020	10	06.41701502	49	57.50 -23	43	11.4	19.14	GVET013I52
K20R02V	mc2020	10	06.41743502	49	57.88 -23	43	12.0	18.84	GVET013I52
K20R02Z	KC2020	10	05.02908820	36	55.49 +11	58	23.8	22.1	VuET013H21
K20R02Z	KC2020	10	05.03517120	36	56.70 +11	58	16.2	22.0	VuET013H21
K20R02Z	KC2020	10	05.04510620	36	58.64 +11	58	03.3	22.2	VuET013H21
K20R02Z	KC2020	10	05.04814720	36	59.23 +11	57	58.9	22.3	VuET013H21
K20R03M	KC2020	10	06.33494023	49	07.68 +10	42	22.4	22.06	GVET013I52
K20R03M	KC2020	10	06.33936023	49	07.74 +10	42	26.5	22.56	GVET013I52
K20R03M	KC2020	10	06.34272023	49	07.81 +10	42	28.9	22.22	GVET013I52
K20R03R	C2020	10	06.19295900	21	26.35 +22	36	22.8	20.30	GVET013I52
K20R03R	C2020	10	06.19530500	21	25.75 +22	36	29.6	20.57	GVET013I52
K20R03R	C2020	10	06.19765100	21	25.15 +22	36	37.0		VET013I52
K20R03R	C2020	10	06.19807100	21	25.06 +22	36	38.1	20.57	GVET013I52
K20R03X	HC2020	10	06.22229901	02	10.70 +08	27	31.2	19.03	GVET013I52
K20R03X	HC2020	10	06.22650901	02	10.97 +08	27	36.4	19.81	GVET013I52
K20R03X	HC2020	10	06.23706801	02	11.69 +08	27	53.2	20.28	GVET013I52
K20R08X	KC2020	10	06.11406516	40	58.74 +13	30	43.0	20.77	GVET013I52
K20R08X	KC2020	10	06.11616516	40	58.83 +13	30	47.7	20.14	GVET013I52
K20R08X	KC2020	10	06.11826416	40	58.93 +13	30	51.6	20.64	GVET013I52
K20R09E	KC2020	10	06.26416201	07	24.17 +02	39	08.4	21.33	GVET013I52
K20R09E	KC2020	10	06.26668101	07	24.27 +02	39	15.4	21.27	GVET013I52
K20R09E	KC2020	10	06.27172001	07	24.33 +02	39	26.8	22.54	GVET013I52
K20R09Z	C2020	10	06.29601501	34	49.21 +02	52	06.5	19.97	GVET013I52
K20R09Z	C2020	10	06.29643501	34	49.11 +02	52	07.6	19.85	GVET013I52
K20R09Z	C2020	10	06.29819301	34	48.92 +02	52	12.9	21.14	GVET013I52
K20S00B	C2020	10	06.11959817	36	23.08 +34	50	38.7	19.01	GVET013I52
K20S00B	C2020	10	06.12111317	36	23.30 +34	50	31.1	18.45	GVET013I52
K20S00B	C2020	10	06.12276017	36	23.50 +34	50	22.9	18.83	GVET013I52
K20S00B	C2020	10	06.12641417	36	23.98 +34	50	05.6	18.61	GVET013I52
K20S000	ZC2020	08	29.42563601	03	52.533+03	41	43.03	21.7	GVET013G96
K20S000	1C2020	10	05.85835101	48	12.042+03	32	41.50	20.4	GVET013Z84
K20S000	1C2020	10	05.88757401	48	11.048+03	32	37.49	20.4	GVET013Z84
K20S000	1C2020	10	05.91679301	48	09.373+03	32	33.28	20.4	GVET013Z84
K20S00Y	mc2020	10	06.32006600	14	38.13 -13	11	01.9	20.49	GVET013I52
K20S00Y	mc2020	10	06.32083300	14	38.21 -13	11	06.9		VET013I52
K20S00Y	mc2020	10	06.32160000	14	38.20 -13	11	11.9	21.06	GVET013I52
K20S00Y	mc2020	10	06.32236700	14	38.27 -13	11	16.8	20.46	GVET013I52
K20S01W	KC2020	10	06.36023923	55	31.79 +14	38	00.4	20.98	GVET013I52
K20S01W	KC2020	10	06.36573723	55	32.15 +14	37	54.3	20.77	GVET013I52
K20S01W	KC2020	10	06.37122523	55	32.49 +14	37	47.5	21.74	GVET013I52
K20S01W	KC2020	10	06.37458423	55	32.79 +14	37	43.2	21.30	GVET013I52
K20S02H	KC2020	10	06.24488922	04	36.52 +16	54	34.7	20.49	GVET013I52
K20S02H	KC2020	10	06.24827422	04	35.82 +16	54	42.5	20.64	GVET013I52
K20S02H	KC2020	10	06.25861322	04	33.57 +16	55	08.0	21.01	GVET013I52
K20S02H	KC2020	10	06.26113422	04	33.04 +16	55	14.5	21.14	GVET013I52
K20S02S	mc2020	10	06.30367722	45	26.54 +02	30	09.8	20.03	GVET013I52
K20S02S	mc2020	10	06.30574922	45	26.49 +02	30	01.2	20.72	GVET013I52
K20S02S	mc2020	10	06.30782122	45	26.40 +02	29	52.0	21.24	GVET013I52
K20S02S	mc2020	10	06.30989222	45	26.33 +02	29	44.1	20.98	GVET013I52

K20S03X	C2020	10	05.17627521	00	51.15	+21	24	11.8	18.80GVET013703
K20S03X	C2020	10	05.18165421	00	44.38	+21	26	07.0	18.26GVET013703
K20S03X	C2020	10	05.18703821	00	37.53	+21	28	01.3	18.48GVET013703
K20S03Y	,C2020	10	05.42872 01	16	32.21	-41	06	16.1	22.1 GVET013E10
K20S03Y	,C2020	10	05.42960 01	16	33.30	-41	06	25.1	22.3 GVET013E10
K20S03Y	,C2020	10	05.43048 01	16	34.70	-41	06	35.4	22.7 GVET013E10
K20S03Y	,C2020	10	05.43136 01	16	36.09	-41	06	48.6	22.3 GVET013E10
K20S06C	KC2020	10	05.06603022	29	28.91	+25	53	09.4	22.2 VuET013H21
K20S06C	KC2020	10	05.07273322	29	24.67	+25	53	31.1	22.2 VuET013H21
K20S06C	KC2020	10	05.07953422	29	20.38	+25	53	53.2	22.4 VuET013H21
K20S06R	C2020	10	05.20595022	06	24.13	+36	29	13.3	18.62GVET013G96
K20S06R	C2020	10	05.21230622	06	08.39	+36	28	46.1	VET013G96
K20S06R	C2020	10	05.21866522	05	52.67	+36	28	18.8	18.62GVET013G96
K20S06R	C2020	10	05.22503122	05	36.90	+36	27	50.8	VET013G96
K20S06R	KC2020	10	06.01872621	34	44.89	+35	14	27.3	18.5 GVET013W33
K20S06R	KC2020	10	06.02267121	34	34.63	+35	14	01.9	18.2 GVET013W33
K20S06R	KC2020	10	06.02661721	34	24.28	+35	13	36.4	18.6 GVET013W33
K20S06T	C2020	10	06.29951101	08	30.78	+00	35	54.8	18.66GVET013I52
K20S06T	C2020	10	06.30079501	08	31.55	+00	35	42.8	19.39GVET013I52
K20S06T	C2020	10	06.30207901	08	32.32	+00	35	30.9	18.95GVET013I52
K20S06T	C2020	10	06.30226701	08	32.44	+00	35	29.6	19.11GVET013I52
K20S06Y	KC2020	10	05.16220400	42	39.68	+49	02	57.3	22.1 VuET013H21
K20S06Y	KC2020	10	05.18068700	42	31.52	+49	03	41.5	22.4 VuET013H21
K20S06Y	KC2020	10	05.20650200	42	20.17	+49	04	41.5	22.0 VuET013H21
00433	C2020	10	05.49581009	33	10.07	+18	58	22.7	13.09GVET013703
00433	C2020	10	05.50101909	33	11.19	+18	58	15.2	13.03GVET013703
00433	C2020	10	05.50622509	33	12.30	+18	58	08.6	12.97GVET013703
00433	C2020	10	05.51143309	33	13.41	+18	58	00.3	12.95GVET013703
00433	C2020	10	05.61557309	33	35.96	+18	55	29.3	12.65oVET013T05
00433	C2020	10	05.62106909	33	37.12	+18	55	21.5	12.60oVET013T05
00433	C2020	10	05.63905909	33	40.98	+18	54	55.4	12.67oVET013T05
00433	C2020	10	05.64557909	33	42.36	+18	54	46.0	12.75oVET013T05
00887	C2020	10	05.41569 23	58	54.251	-20	53	02.51	15.3 iUET013F51
00887	C2020	10	05.41994923	58	53.88	-20	53	05.2	15.35oVET013T08
00887	C2020	10	05.42365023	58	53.58	-20	53	07.5	15.38oVET013T08
00887	C2020	10	05.42641 23	58	53.350	-20	53	09.49	15.2 iUET013F51
00887	C2020	10	05.42917423	58	53.11	-20	53	11.1	15.41oVET013T08
00887	C2020	10	05.43714 23	58	52.461	-20	53	16.53	15.2 iUET013F51
00887	C2020	10	05.44789 23	58	51.543	-20	53	23.70	15.2 iUET013F51
00887	C2020	10	05.46280623	58	50.29	-20	53	33.3	15.34oVET013T08
01685	C2020	10	05.49798409	44	21.85	+18	03	46.7	16.55GVET013703
01685	C2020	10	05.50319209	44	22.88	+18	03	36.9	16.47GVET013703
01685	C2020	10	05.50840109	44	23.87	+18	03	27.0	16.11GVET013703
01685	C2020	10	05.51360909	44	24.86	+18	03	16.8	16.25GVET013703
01685	C2020	10	05.61557309	44	44.73	+18	00	00.0	15.73oVET013T05
01685	C2020	10	05.62106909	44	45.82	+17	59	49.4	15.71oVET013T05
01685	C2020	10	05.63905909	44	49.23	+17	59	15.0	16.05oVET013T05
01685	C2020	10	05.64557909	44	50.50	+17	59	02.0	16.31oVET013T05
02368	C2020	10	03.43038006	19	15.54	+28	32	36.1	18.97gUET013I41
02368	C2020	10	03.44559006	19	16.51	+28	32	36.2	18.63gUET013I41
02368	C2020	10	03.48370006	19	18.92	+28	32	35.6	17.83rUET013I41
02368	C2020	10	03.49855006	19	19.86	+28	32	35.3	18.10rUET013I41
02368	C2020	10	04.38637006	20	17.29	+28	32	12.2	18.76rUET013I41
02368	C2020	10	04.39301006	20	17.70	+28	32	12.1	18.44rUET013I41
02368	C2020	10	05.52906306	21	28.14	+28	31	44.2	17.66oVET013T05
02368	C2020	10	05.53226906	21	28.35	+28	31	44.2	17.80oVET013T05
02368	C2020	10	05.53781706	21	28.66	+28	31	44.5	17.69oVET013T05
02368	C2020	10	05.55343206	21	29.59	+28	31	44.1	18.07oVET013T05
03200	C2020	10	05.43487708	08	22.86	+25	27	12.3	17.43GVET013703
03200	C2020	10	05.44013008	08	23.95	+25	27	07.6	17.35GVET013703
03200	C2020	10	05.44884908	08	25.74	+25	26	59.9	17.27GVET013703
03200	C2020	10	05.45409408	08	26.83	+25	26	55.2	17.41GVET013703
03200	C2020	10	05.57915608	08	52.99	+25	25	06.3	17.08oVET013T05
03200	C2020	10	05.58330608	08	53.86	+25	25	02.8	17.06oVET013T05
03200	C2020	10	05.58881008	08	55.00	+25	24	58.2	17.13oVET013T05
03200	C2020	10	05.60261308	08	57.85	+25	24	46.1	17.10oVET013T05
03288	C2020	10	05.23705522	29	16.71	-02	12	32.3	18.49GVET013703
03288	C2020	10	05.24259322	29	16.52	-02	12	33.6	19.20GVET013703
03288	C2020	10	05.24813222	29	16.38	-02	12	35.2	19.81GVET013703
03288	C2020	10	05.25366822	29	16.13	-02	12	38.3	18.68GVET013703
03691	C2020	10	05.30808321	40	58.32	-15	53	20.0	17.57oVET013T08
03691	C2020	10	05.31176421	40	58.24	-15	53	17.2	17.44oVET013T08
03691	C2020	10	05.31728621	40	58.15	-15	53	12.9	17.50oVET013T08
03691	C2020	10	05.32834221	40	57.96	-15	53	04.3	17.44oVET013T08
04055	C2020	10	05.51241103	53	24.29	-20	11	52.6	15.26oVET013T08
04055	C2020	10	05.51425303	53	24.27	-20	11	56.1	15.23oVET013T08
04055	C2020	10	05.51747603	53	24.20	-20	12	02.3	15.19oVET013T08
04055	C2020	10	05.52662903	53	24.05	-20	12	20.1	15.16oVET013T08
04953	C2020	10	05.50591203	21	18.77	-25	41	58.2	17.16oVET013T08
04953	C2020	10	05.50821203	21	18.66	-25	42	01.4	16.94oVET013T08
04953	C2020	10	05.51102703	21	18.51	-25	42	05.0	17.03oVET013T08
04953	C2020	10	05.51701603	21	18.18	-25	42	12.3	16.96oVET013T08
05143	C2020	10	05.30251423	10	40.09	+04	59	04.3	19.30GVET013703
05143	C2020	10	05.31376823	10	39.51	+04	59	00.0	18.52GVET013703
05143	C2020	10	05.31939623	10	39.12	+04	58	56.1	18.96GVET013703
05836	C2020	10	05.50307705	50	49.66	+23	34	51.5	17.96oVET013T05
05836	C2020	10	05.50628205	50	49.74	+23	34	51.2	18.30oVET013T05
05836	C2020	10	05.51227605	50	49.89	+23	34	49.6	18.29oVET013T05
05836	C2020	10	05.52628405	50	50.13	+23	34	46.6	17.82oVET013T05
06053	C2020	10	05.22389718	25	53.09	-17	07	23.6	16.66oVET013T08
06053	C2020	10	05.22714418	25	53.40	-17	07	18.9	16.69oVET013T08
06053	C2020	10	05.23268918	25	53.93	-17	07	11.1	16.73oVET013T08
06569	KC2020	10	06.40037 21	41	24.05	-54	43	32.3	18.7 RqET013E89

06569	KC2020	10	06.41096	21	41	25.26	-54	43	21.8	18.3 RqET013E89
06569	KC2020	10	06.42259	21	41	26.60	-54	43	10.4	17.8 RqET013E89
08567	C2020	10	05.46039708	12	39.88	+11	35	31.6	18.76GVET013703	
08567	C2020	10	05.46580308	12	40.49	+11	35	28.0	18.53GVET013703	
08567	C2020	10	05.47121208	12	40.95	+11	35	25.5	18.56GVET013703	
08567	C2020	10	05.47662208	12	41.52	+11	35	23.6	18.47GVET013703	
08567	C2020	10	05.58284408	12	52.26	+11	34	31.0	18.45oVET013T05	
08567	C2020	10	05.58650808	12	52.57	+11	34	28.8	18.19oVET013T05	
08567	C2020	10	05.59202708	12	53.24	+11	34	27.4	18.34oVET013T05	
08567	C2020	10	05.60539608	12	54.50	+11	34	20.1	18.29oVET013T05	
15817	C2020	10	05.44464102	15	19.00	-14	16	26.0	17.95oVET013T08	
15817	C2020	10	05.44787902	15	18.72	-14	16	32.6	17.94oVET013T08	
15817	C2020	10	05.45155702	15	18.44	-14	16	39.2	17.75oVET013T08	
15817	C2020	10	05.45892702	15	17.94	-14	16	53.0	17.83oVET013T08	
16834	KC2016	09	27.77937719	48	45.32	+15	23	16.5	17.7 RVET013160	
16834	KC2016	09	27.78086119	48	45.53	+15	23	14.8	17.5 RVET013160	
16834	KC2016	09	27.78230619	48	45.78	+15	23	13.4	17.7 RVET013160	
17182	C2020	10	05.37071900	08	13.39	+12	17	05.9	20.23GVET013703	
17182	C2020	10	05.37636300	08	12.69	+12	17	03.7	19.44GVET013703	
17182	C2020	10	05.38201200	08	12.03	+12	17	00.6	20.08GVET013703	
17182	C2020	10	05.38765700	08	11.36	+12	16	57.5	19.31GVET013703	
19764	C2020	10	05.34795823	52	37.24	+02	53	45.5	16.72GVET013703	
19764	C2020	10	05.35336123	52	37.02	+02	53	43.7	16.64GVET013703	
19764	C2020	10	05.35876523	52	36.81	+02	53	42.1	16.72GVET013703	
19764	C2020	10	05.36417623	52	36.58	+02	53	39.9	16.68GVET013703	
19764	1C2020	10	05.79784	23	52	22.28	+02	51	13.7	16.8 GVET013C40
19764	1C2020	10	05.79891	23	52	22.25	+02	51	13.3	16.8 GVET013C40
19764	1C2020	10	05.80534	23	52	22.00	+02	51	11.2	16.9 GVET013C40
19764	1C2020	10	05.80747	23	52	21.91	+02	51	10.5	16.8 GVET013C40
19764	1C2020	10	05.80961	23	52	21.83	+02	51	09.6	16.8 GVET013C40
19764	1C2020	10	05.81175	23	52	21.75	+02	51	09.1	16.8 GVET013C40
19764	1C2020	10	05.81389	23	52	21.67	+02	51	08.3	16.9 GVET013C40
19764	1C2020	10	05.81603	23	52	21.59	+02	51	07.5	16.8 GVET013C40
19764	1C2020	10	05.82138	23	52	21.39	+02	51	05.9	16.9 GVET013C40
19764	1C2020	10	05.82352	23	52	21.31	+02	51	05.2	16.8 GVET013C40
19764	1C2020	10	05.82779	23	52	21.13	+02	51	03.7	16.9 GVET013C40
19764	1C2020	10	05.82993	23	52	21.06	+02	51	03.0	16.8 GVET013C40
19764	1C2020	10	05.83207	23	52	20.97	+02	51	02.2	16.9 GVET013C40
19764	1C2020	10	05.83314	23	52	20.93	+02	51	01.9	16.8 GVET013C40
19764	1C2020	10	05.83848	23	52	20.73	+02	51	00.2	16.9 GVET013C40
19764	1C2020	10	05.83956	23	52	20.68	+02	50	59.9	16.8 GVET013C40
20826	C2020	10	05.28770721	02	36.99	-32	21	05.1	18.11oVET013T08	
20826	C2020	10	05.29094521	02	36.89	-32	21	03.8	18.28oVET013T08	
20826	C2020	10	05.29649521	02	36.86	-32	20	59.2	18.02oVET013T08	
20826	C2020	10	05.30670321	02	36.73	-32	20	52.7	18.06oVET013T08	
21088	C2020	10	05.62156708	49	56.93	+35	30	15.2	18.22oVET013T05	
21088	C2020	10	05.62708908	49	57.45	+35	30	11.6	18.10oVET013T05	
21088	C2020	10	05.63282208	49	57.94	+35	30	07.9	17.88oVET013T05	
21088	C2020	10	05.64098508	49	58.67	+35	30	02.3	17.94oVET013T05	
23187	C2020	08	11.32578	21	50	11.09	+22	11	00.6	19.2 GVET013U63
23187	C2020	08	11.32943	21	50	10.69	+22	10	56.8	19.2 GVET013U63
23187	C2020	08	11.35265	21	50	08.49	+22	10	33.3	19.1 GVET013U63
23187	C2020	08	11.35630	21	50	08.11	+22	10	29.1	19.1 GVET013U63
24445	KC2016	09	27.76544018	42	41.87	+05	40	16.5	18.0 RVET013160	
24445	KC2016	09	27.76739518	42	41.96	+05	40	15.0	18.2 RVET013160	
24445	KC2016	09	27.76905118	42	42.01	+05	40	13.6	17.7 RVET013160	
53430	C2020	10	05.09960516	52	31.27	+46	16	16.0	19.76GVET013G96	
53430	C2020	10	05.10479416	52	31.85	+46	16	14.3	20.07GVET013G96	
53430	C2020	10	05.10999716	52	32.38	+46	16	12.8	19.95GVET013G96	
53430	C2020	10	05.11518816	52	33.00	+46	16	11.0	20.25GVET013G96	
53435	C2020	10	05.49522605	53	52.64	+11	52	07.8	15.19oVET013T05	
53435	C2020	10	05.50032505	53	53.67	+11	52	17.8	15.18oVET013T05	
53435	C2020	10	05.50216305	53	54.06	+11	52	21.2	15.17oVET013T05	
53435	C2020	10	05.51319005	53	56.30	+11	52	42.7	15.18oVET013T05	
66008	C2020	10	05.17317221	15	09.17	-03	45	50.1	18.91GVET013703	
66008	C2020	10	05.17855421	15	09.18	-03	46	02.5	19.15GVET013703	
66008	C2020	10	05.18393421	15	09.10	-03	46	15.5	18.56GVET013703	
66008	C2020	10	05.18931521	15	08.97	-03	46	28.2	18.45GVET013703	
69230	C2020	10	05.37205800	20	58.25	-06	56	43.6	16.98GVET013703	
69230	C2020	10	05.37703000	20	57.19	-06	56	49.1	17.00GVET013703	
69230	C2020	10	05.38334800	20	56.12	-06	56	54.2	16.89GVET013703	
69230	C2020	10	05.38899500	20	55.05	-06	56	59.7	16.98GVET013703	
87684	C2020	10	05.51241103	36	49.97	-18	22	46.8	16.44oVET013T08	
87684	C2020	10	05.51425303	36	49.67	-18	22	51.9	16.34oVET013T08	
87684	C2020	10	05.51747603	36	49.15	-18	23	00.5	16.41oVET013T08	
87684	C2020	10	05.52662903	36	47.70	-18	23	25.5	16.30oVET013T08	
88188	C2020	10	05.34018006	15	22.80	+37	41	40.2	19.67GVET013G96	
88188	C2020	10	05.34488106	15	23.26	+37	41	42.3	19.92GVET013G96	
88188	C2020	10	05.34959106	15	23.72	+37	41	43.7	19.95GVET013G96	
99935	C2020	10	05.48111209	15	20.30	+27	12	07.8	18.22GVET013703	
99935	C2020	10	05.48542709	15	20.75	+27	12	07.8	18.43GVET013703	
99935	C2020	10	05.48974209	15	21.29	+27	12	08.1	18.64GVET013703	
99935	C2020	10	05.49406609	15	21.93	+27	12	07.6	18.86GVET013703	
E5656	C2020	10	05.37162500	32	28.45	-03	07	48.3	18.25GVET013703	
E5656	C2020	10	05.37727200	32	28.09	-03	07	52.2	18.02GVET013703	
E5656	C2020	10	05.38291900	32	27.73	-03	07	57.2	18.13GVET013703	
E5656	C2020	10	05.38856600	32	27.50	-03	08	01.2	17.76GVET013703	
E5656	C2020	10	05.51613	00	32	20.375	-03	09	38.69	17.8 iUET013F51
E5656	C2020	10	05.52710	00	32	19.741	-03	09	47.29	17.9 iUET013F51
E5656	C2020	10	05.53804	00	32	19.085	-03	09	55.78	17.7 iUET013F51
F2978	S2020	10	03.21495	06	31	13.66	-33	09	20.3	20 RLET013C51
F2978	s2020	10	03.21495	1	-	3149.7463	+ 4348.5654	-	4272.7162	ET013C51
F2978	S2020	10	03.54195	06	30	39.00	-33	01	26.0	LET013C51

F9402	1C2020	10	05.76309	22	32	03.07	+10	36	54.0	13.3	GVET013C40
F9402	1C2020	10	05.76394	22	32	02.99	+10	37	00.0	13.2	GVET013C40
F9402	1C2020	10	05.76477	22	32	02.90	+10	37	06.1	13.2	GVET013C40
F9402	1C2020	10	05.76561	22	32	02.81	+10	37	12.3	13.2	GVET013C40
F9402	1C2020	10	05.76645	22	32	02.73	+10	37	18.4	13.2	GVET013C40
F9402	1C2020	10	05.76729	22	32	02.64	+10	37	24.4	13.3	GVET013C40
F9402	1C2020	10	05.76813	22	32	02.55	+10	37	30.6	13.3	GVET013C40
F9402	1C2020	10	05.76896	22	32	02.46	+10	37	36.7	13.2	GVET013C40
F9402	1C2020	10	05.76980	22	32	02.38	+10	37	42.8	13.2	GVET013C40
F9402	1C2020	10	05.77064	22	32	02.29	+10	37	48.8	13.2	GVET013C40
F9402	1C2020	10	05.77148	22	32	02.21	+10	37	55.0	13.2	GVET013C40
F9402	1C2020	10	05.77231	22	32	02.12	+10	38	01.2	13.2	GVET013C40
F9402	1C2020	10	05.77316	22	32	02.03	+10	38	07.3	13.2	GVET013C40
F9402	1C2020	10	05.77399	22	32	01.94	+10	38	13.3	13.2	GVET013C40
F9402	1C2020	10	05.77484	22	32	01.86	+10	38	19.3	13.2	GVET013C40
F9402	1C2020	10	05.77567	22	32	01.76	+10	38	25.5	13.2	GVET013C40
F9402	1C2020	10	05.77650	22	32	01.68	+10	38	31.6	13.2	GVET013C40
F9402	KC2020	10	06.19181722	31	29.50	+11	29	25.2		12.8	VqET013U55
F9402	KC2020	10	06.19711222	31	28.95	+11	30	04.8		12.8	VqET013U55
F9402	KC2020	10	06.20263022	31	28.39	+11	30	46.1		12.9	VqET013U55
F9929	C2020	10	05.16127318	05	46.39	+45	35	00.1		20.72	GVET013G96
F9929	C2020	10	05.16650418	05	47.50	+45	34	54.4		20.85	GVET013G96
F9929	C2020	10	05.17175018	05	48.70	+45	34	48.9		21.07	GVET013G96
F9929	C2020	10	05.17700318	05	49.87	+45	34	43.0		20.74	GVET013G96
G2173	C2020	10	05.30594323	28	43.96	+34	51	21.0		17.29	GVET013703
G2173	C2020	10	05.31157023	28	43.06	+34	51	19.4		17.28	GVET013703
G2173	C2020	10	05.31719823	28	42.16	+34	51	17.6		17.19	GVET013703
G2173	C2020	10	05.32282223	28	41.35	+34	51	16.1		17.11	GVET013703
G2173	C2020	10	05.40629923	28	30.90	+34	51	08.8		16.82	oVET013T05
G2173	C2020	10	05.41962623	28	28.80	+34	51	05.0		16.93	oVET013T05
G2173	C2020	10	05.42284423	28	28.27	+34	51	04.1		17.02	oVET013T05
G2173	C2020	10	05.42844223	28	27.45	+34	51	02.4		16.93	oVET013T05
G2173	C2020	10	05.44221	23	28	25.284	+34	50	58.31	16.7	iUET013F52
G2173	C2020	10	05.45566	23	28	23.198	+34	50	54.05	16.8	iUET013F52
G2980	C2020	10	06.24776	20	33	49.512	-00	13	45.99	20.4	wUET013F51
G2980	C2020	10	06.26024	20	33	49.743	-00	13	58.07	20.4	wUET013F51
G2980	C2020	10	06.27266	20	33	49.965	-00	14	10.12	20.5	wUET013F51
G3014	C2020	10	05.33203022	40	59.61	-33	37	14.7		18.07	oVET013T08
G3014	C2020	10	05.33539422	40	59.27	-33	37	13.3		18.02	oVET013T08
G3014	C2020	10	05.34059222	40	58.73	-33	37	12.0		18.34	oVET013T08
G3014	C2020	10	05.37252122	40	55.34	-33	37	04.7		17.96	oVET013T08
G3014	KC2020	10	05.42848	22	40	50.10	-33	36	37.2	18.2	RqET013E89
G3014	KC2020	10	05.43745	22	40	49.19	-33	36	35.1	18.8	RqET013E89
G3692	KC2020	10	06.31627	19	33	48.08	-44	53	27.9	17.5	RqET013E89
G3692	KC2020	10	06.32483	19	33	53.46	-44	53	21.5	17.8	RqET013E89
G9675	C2020	10	05.37482722	51	23.74	-38	42	14.6		17.32	oVET013T08
G9675	C2020	10	05.37805522	51	23.96	-38	42	07.3		17.39	oVET013T08
G9675	C2020	10	05.38820422	51	24.53	-38	41	44.8		17.21	oVET013T08
G9675	C2020	10	05.40934722	51	25.78	-38	40	58.9		17.56	oVET013T08
O1596	C2020	10	05.37458206	43	58.67	+35	44	23.6		19.59	GVET013G96
O1596	C2020	10	05.37927706	43	59.03	+35	44	17.7		19.59	GVET013G96
O1596	C2020	10	05.38398006	43	59.39	+35	44	11.7		19.62	GVET013G96
O1596	C2020	10	05.38867706	43	59.76	+35	44	05.7		19.78	GVET013G96
P0458	KC2016	09	27.75938819	12	52.96	+33	02	59.4		17.3	RVET013160
P0458	KC2016	09	27.76095319	12	53.38	+33	02	57.9		17.1	RVET013160
P0458	KC2016	09	27.76245819	12	53.77	+33	02	56.9		16.9	RVET013160
P3106	C2020	10	05.41102107	16	03.91	+25	54	15.9		19.53	GVET013703
P3106	C2020	10	05.41628007	16	05.50	+25	54	24.5		18.44	GVET013703
P3106	C2020	10	05.42154607	16	07.04	+25	54	31.8		18.36	GVET013703
P3106	C2020	10	05.42680307	16	08.61	+25	54	40.5		19.23	GVET013703
P3106	C2020	10	05.56034707	16	49.04	+25	58	00.0		18.39	oVET013T05
P3106	C2020	10	05.56404707	16	50.12	+25	58	06.6		18.55	oVET013T05
P3106	C2020	10	05.57131007	16	52.27	+25	58	16.6		18.29	oVET013T05
P3106	C2020	10	05.58422007	16	56.14	+25	58	36.4		18.15	oVET013T05
P7838	KC2016	09	27.90344722	24	47.12	-04	49	07.6		17.2	RVET013160
P7838	KC2016	09	27.90539222	24	47.21	-04	49	08.8		17.6	RVET013160
P7838	KC2016	09	27.90733122	24	47.30	-04	49	10.6		17.4	RVET013160
S3729	C2020	10	05.39294306	48	59.01	+42	18	55.8		20.08	GVET013G96
S3729	C2020	10	05.39763206	48	59.58	+42	18	52.0		20.17	GVET013G96
S3729	C2020	10	05.40231606	49	00.23	+42	18	48.5			VET013G96
S3729	C2020	10	05.40700706	49	00.85	+42	18	45.4			VET013G96
S5990	C2020	10	05.32620523	41	51.85	+09	32	41.0		18.35	GVET013703
S5990	C2020	10	05.33183423	41	51.28	+09	32	25.4		18.16	GVET013703
S5990	C2020	10	05.33745923	41	50.70	+09	32	09.3		18.47	GVET013703
S5990	C2020	10	05.34308623	41	50.18	+09	31	53.4		18.10	GVET013703
S5990	KC2020	10	06.22420123	40	25.64	+08	51	08.5		19.2	GVET013U55
S5990	KC2020	10	06.22958523	40	25.11	+08	50	53.9		18.5	GVET013U55
S5990	KC2020	10	06.23529823	40	24.56	+08	50	38.3		18.4	GVET013U55
U2830	*C2020	10	05.30244	06	27	37.21	-24	34	45.9	17.3	GVET013W88
U2830	*C2020	10	05.30569	06	27	39.67	-24	34	32.9	17.3	GVET013W88
U2830	*C2020	10	05.32780	06	27	56.35	-24	33	04.1	17.2	GVET013W88
U2830	*C2020	10	05.33279	06	28	00.10	-24	32	43.7	17.1	GVET013W88
U3262	C2020	10	05.32706423	34	39.02	+19	03	04.9			VET013703
U3262	C2020	10	05.33269323	34	37.89	+19	03	03.9		18.28	GVET013703
U3262	C2020	10	05.33832023	34	36.67	+19	03	03.5		18.29	GVET013703
U3262	C2020	10	05.34394623	34	35.63	+19	03	02.5		17.99	GVET013703
V6695	C2020	10	05.34151322	47	14.54	-25	50	07.9		17.65	oVET013T08
V6695	C2020	10	05.37344422	47	10.51	-25	47	29.7		17.49	oVET013T08
V6695	C2020	10	05.37666922	47	10.09	-25	47	13.8		17.43	oVET013T08
V6695	C2020	10	05.38498122	47	09.03	-25	46	32.5		17.84	oVET013T08
W5395	C2020	10	05.49494909	39	24.28	+28	47	13.5		18.97	GVET013703
W5395	C2020	10	05.51057409	39	27.17	+28	46	34.6		18.95	GVET013703
Y7813	KC2016	09	27.86355220	42	01.24	+28	43	02.8		17.4	RVET013160