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## MPEC 2023-L14 : DAILY ORBIT UPDATE (2023 June 4)

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M.P.E.C. 2023-L14

Issued 2023 June 4, 12:06 UT

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Prepared using the Tamkin Foundation Computer Network

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

DAILY ORBIT UPDATE (2023 June 4)

Update to 2023-L13

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

New identifications:

K10E01V	K17K47C	VanWylen
K10KB2Y	K18PA6G	VanWylen
K10O22M	K19SK7V	VanWylen

New old-numbered orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
00039	6.2	0.15	K232P	240.348	209.701	156.936	10.370	0.11195	2.76933	91	X
00042	7.6	0.15	K232P	205.085	237.237	84.177	8.511	0.22236	2.44276	80	X
00064	7.7	0.15	K232P	350.598	180.905	308.992	1.306	0.12582	2.68063	77	X
00084	9.3	0.15	K232P	127.531	15.048	327.515	9.316	0.23612	2.36206	60	X
00110	7.8	0.15	K232P	153.431	282.185	56.774	5.960	0.07992	2.73249	71	X
00155	11.1	0.15	K232P	29.329	46.701	40.548	11.362	0.27250	2.76041	34	X
00165	7.8	0.15	K232P	196.423	345.001	302.453	11.236	0.08400	3.12459	72	X
00183	9.5	0.15	K232P	81.889	263.995	141.876	26.396	0.34843	2.79463	42	X
00185	7.7	0.15	K232P	129.810	223.765	153.762	23.254	0.12732	2.73890	75	X
00197	9.4	0.15	K232P	182.797	245.990	81.576	8.789	0.16324	2.73954	70	X
00214	9.2	0.15	K232P	3.089	136.060	341.926	3.438	0.03043	2.61069	64	X
00221	7.7	0.15	K232P	160.441	192.518	141.736	10.892	0.10192	3.01138	73	X
00223	9.9	0.15	K232P	20.374	65.407	47.537	1.924	0.12007	3.09128	56	X
00261	9.4	0.15	K232P	339.173	66.822	96.584	3.634	0.08988	2.33139	58	X
00325	8.7	0.15	K232P	55.551	70.738	344.210	8.575	0.15128	3.21536	60	X
00328	8.8	0.15	K232P	33.333	107.265	351.891	16.135	0.10733	3.10829	50	X
00359	9.3	0.15	K232P	129.622	337.917	6.004	6.774	0.15672	2.72800	54	X
00426	8.6	0.15	K232P	10.298	221.638	311.324	19.496	0.10597	2.88882	57	X
00445	9.2	0.15	K232P	243.318	81.780	291.977	21.309	0.19782	3.19659	50	X
00449	9.8	0.15	K232P	350.902	48.732	85.771	3.079	0.17299	2.55049	55	X
00454	9.3	0.15	K232P	293.463	177.293	32.169	6.293	0.11147	2.62713	60	X
00464	9.8	0.15	K232P	103.852	257.921	102.341	10.163	0.20472	2.80157	44	X
00484	9.7	0.15	K232P	169.565	189.578	127.246	12.514	0.05753	2.66713	52	X
00494	9.1	0.15	K232P	244.708	215.388	38.073	7.079	0.06436	2.98499	68	X
00505	8.7	0.15	K232P	37.464	336.990	90.774	9.822	0.24258	2.68621	59	X
00530	9.3	0.15	K232P	148.569	199.551	129.112	8.565	0.21776	3.18851	62	X
00546	9.7	0.15	K232P	352.878	110.258	21.586	14.869	0.11550	2.59679	49	X
00551	9.7	0.15	K232P	46.656	70.607	5.704	0.395	0.11869	2.96764	64	X

















K15Pa5V	20.0	0.15	K232P	4.730	247.765	108.006	4.178	0.22297	2.36800	27 V
K15Pa5W	18.7	0.15	K232P	240.994	182.739	165.051	34.032	0.20495	2.69470	32 V
K15Pa5X	18.9	0.15	K232P	238.276	210.489	133.168	12.983	0.17126	2.69814	26 V
K15Pa5Y	18.9	0.15	K232P	213.855	249.417	101.671	8.747	0.23965	2.78776	25 V
K15Pa5Z	18.3	0.15	K232P	307.118	283.464	359.498	12.394	0.19686	2.64335	27 V
K15Pa6A	20.3	0.15	K232P	73.873	267.870	54.745	1.183	0.23453	2.27816	26 V
K15Pa6B	19.8	0.15	K232P	37.401	264.926	66.495	3.451	0.19702	2.34191	26 V
K15Pa6C	18.8	0.15	K232P	251.855	293.634	79.595	5.709	0.21775	2.63053	23 V
K15Pa6D	18.2	0.15	K232P	273.185	312.197	347.270	13.361	0.10806	2.72590	26 V
K15Pa6E	20.3	0.15	K232P	99.205	220.413	112.659	2.981	0.21140	2.21724	26 V
K15Pa6F	17.3	0.15	K232P	130.486	176.656	136.127	10.103	0.08343	3.20847	26 V
K15Pa6G	19.8	0.15	K232P	109.184	212.915	126.167	3.467	0.19691	2.19406	26 V
K15Pa6H	18.0	0.15	K232P	109.793	254.919	100.849	2.512	0.18740	3.16110	26 V
K15Pa6J	20.0	0.15	K232P	16.367	281.566	43.709	1.694	0.19900	2.39491	26 V
K15Pa6K	19.7	0.15	K232P	62.381	262.792	121.876	4.623	0.13576	2.21418	26 V
K15Pa6L	19.4	0.15	K232P	353.624	352.167	1.024	3.851	0.22587	2.40450	26 V
K15Pa6M	19.7	0.15	K232P	23.112	228.443	108.079	3.582	0.14703	2.36471	26 V
K15Pa6N	18.2	0.15	K232P	240.933	260.182	55.421	5.159	0.06542	2.78832	26 V
K15Pa6O	19.4	0.15	K232P	280.758	282.330	53.068	4.422	0.29251	2.61181	26 V
K15Pa6P	18.8	0.15	K232P	118.607	9.711	344.803	11.567	0.29573	3.13403	35 V
K15Pa6Q	20.4	0.15	K232P	124.797	264.917	66.392	3.036	0.20340	2.17524	26 V
K15Pa6R	19.4	0.15	K232P	296.223	190.062	146.827	10.951	0.22043	2.56898	26 V
K15Pa6S	18.3	0.15	K232P	145.564	206.787	139.268	8.005	0.16841	3.03271	26 V
K15Pa6T	18.2	0.15	K232P	228.891	331.792	357.101	6.770	0.08763	2.79236	29 V
K15Q42D	18.7	0.15	K232P	253.228	146.534	153.482	19.268	0.32724	2.74502	20 V
K15Q42E	19.2	0.15	K232P	282.718	347.795	328.939	12.938	0.23685	2.63118	22 V
K15Q42F	19.8	0.15	K232P	308.440	355.157	324.038	8.606	0.19034	2.56094	22 V
K15Q42G	19.0	0.15	K232P	233.773	247.930	165.584	6.896	0.32040	2.63511	22 V
K15Q42H	18.3	0.15	K232P	172.177	320.979	325.316	9.710	0.20997	3.10099	22 V
K15Q42J	20.3	0.15	K232P	38.326	36.358	290.085	1.249	0.23855	2.35428	22 V
K15Q42K	18.3	0.15	K232P	141.046	191.085	153.945	3.583	0.18962	3.05255	19 V
K15Rb7E	17.8	0.15	K232P	108.726	47.602	327.248	15.955	0.24455	3.11157	6 V
K15Rb7F	20.0	0.15	K232P	14.158	13.722	305.329	4.399	0.24789	2.40236	6 V
K15Rb7G	18.3	0.15	K232P	219.951	155.941	188.126	17.669	0.17818	2.85749	36 V
K15Rb7H	19.5	0.15	K232P	93.624	131.562	163.131	13.130	0.17877	2.29585	11 V
K15Rb7J	19.9	0.15	K232P	127.224	146.608	179.297	5.512	0.13817	2.19225	11 V
K15Rb7K	18.1	0.15	K232P	189.217	252.349	106.664	3.254	0.08181	2.86290	11 V
K15Rb7L	18.1	0.15	K232P	107.892	17.770	8.740	2.695	0.21064	3.10833	22 V
K15Rb7M	17.9	0.15	K232P	163.282	123.888	169.249	11.186	0.21846	3.12725	9 V
K15Rb7N	18.8	0.15	K232P	177.773	80.437	210.513	5.465	0.36457	3.00918	37 V
K15Rb7O	18.9	0.15	K232P	282.168	86.021	241.140	4.130	0.21295	2.61931	37 V
K15Rb7P	19.9	0.15	K232P	74.132	28.116	318.482	4.563	0.22806	2.24479	37 V
K15Rb7Q	18.3	0.15	K232P	223.000	60.261	282.775	4.010	0.07118	2.76998	37 V
K15Rb7R	19.1	0.15	K232P	136.442	1.671	348.801	3.193	0.29802	3.07247	22 V
K15Rb7S	18.0	0.15	K232P	236.387	313.094	32.074	10.540	0.13568	2.81596	35 V
K15Rb7T	19.9	0.15	K232P	356.244	256.404	102.817	10.616	0.30405	2.41806	33 V
K15Rb7U	18.6	0.15	K232P	223.990	274.536	94.412	14.725	0.22846	2.76515	33 V
K15Rb7V	18.5	0.15	K232P	205.372	293.781	108.294	13.864	0.19165	2.75671	33 V
K15Rb7W	18.3	0.15	K232P	253.364	20.970	351.084	13.469	0.18867	2.64093	13 V
K15Rb7X	18.7	0.15	K232P	209.372	9.923	358.188	4.027	0.11111	2.79543	30 V
K15Rb7Y	19.4	0.15	K232P	31.639	141.522	176.362	4.917	0.24697	2.39292	30 V
K15Rb7Z	19.2	0.15	K232P	221.999	28.923	3.106	8.512	0.19317	2.69684	13 V
K15Rb8A	19.4	0.15	K232P	350.733	211.364	184.975	10.257	0.15741	2.36247	29 V
K15Rb8B	18.6	0.15	K232P	259.884	166.443	165.885	14.867	0.29572	2.73806	34 V
K15Rb8C	18.2	0.15	K232P	99.678	212.563	191.938	26.385	0.20211	3.13725	36 V
K15Rb8D	19.6	0.15	K232P	262.516	203.913	161.006	4.438	0.19655	2.64726	31 V
K15Rb8E	19.9	0.15	K232P	13.654	262.406	145.767	1.577	0.17666	2.31439	37 V
K15S56M	18.2	0.15	K232P	230.978	178.019	165.191	9.728	0.29981	2.79582	22 V
K15T18Q	19.1	0.15	K232P	118.983	193.686	207.493	10.349	0.33105	3.07688	31 V
K15T18R	17.9	0.15	K232P	125.697	244.002	128.394	18.964	0.35353	3.11941	30 V
K15T18S	18.6	0.15	K232P	244.754	304.775	54.053	19.277	0.31818	2.72222	25 V
K15T18T	20.6	0.15	K232P	81.144	308.347	39.578	23.238	0.28893	2.25847	3 V
K15T18U	18.8	0.15	K232P	233.039	1.369	356.176	8.147	0.20461	2.74807	23 V
K15T18V	16.8	0.15	K232P	323.992	269.065	131.404	5.106	0.17577	4.00198	19 V
K15T18W	20.5	0.15	K232P	90.960	278.240	75.637	8.222	0.31195	2.23559	25 V
K15T18X	19.0	0.15	K232P	251.094	3.595	53.943	14.898	0.23572	2.60407	26 V
K15T18Y	19.5	0.15	K232P	254.163	359.385	52.566	9.993	0.28318	2.60682	22 V
K15T18Z	19.4	0.15	K232P	255.463	354.188	67.166	7.392	0.28748	2.59089	21 V
K15T19A	18.0	0.15	K232P	113.766	339.945	51.052	13.496	0.21733	3.14132	22 V
K15T19B	19.9	0.15	K232P	5.565	258.972	93.483	6.372	0.25305	2.42191	25 V
K15T19C	18.6	0.15	K232P	253.971	284.501	47.847	13.752	0.21914	2.75830	19 V
K15T19D	19.7	0.15	K232P	325.840	5.911	41.273	11.962	0.15704	2.42522	19 V
K15T19E	18.2	0.15	K232P	100.609	283.242	133.624	4.537	0.18677	3.11146	19 V
K15T19F	18.4	0.15	K232P	271.942	248.445	80.463	5.974	0.13432	2.73229	7 V
K15T19G	19.2	0.15	K232P	351.086	277.378	100.432	5.256	0.12695	2.41689	7 V
K15T19H	18.4	0.15	K232P	96.765	355.404	36.768	22.011	0.18884	3.21387	19 V
K15T19J	18.8	0.15	K232P	354.175	298.194	74.090	6.129	0.12397	2.42532	19 V
K15T19K	18.6	0.15	K232P	276.002	277.365	83.265	4.649	0.12076	2.64375	19 V
K15T19L	17.8	0.15	K232P	104.582	357.935	58.523	18.396	0.08416	3.11414	29 V
K15T19M	19.9	0.15	K232P	357.834	72.100	336.558	0.869	0.18523	2.36768	29 V
K15T19N	18.7	0.15	K232P	205.669	241.761	175.972	9.198	0.16136	2.75731	39 V
K15T19O	19.3	0.15	K232P	212.242	198.417	150.138	6.568	0.34747	2.85873	12 V
K15T19P	18.1	0.15	K232P	107.975	191.089	211.357	15.056	0.24111	3.15732	29 V
K15T19Q	19.2	0.15	K232P	229.669	12.737	8.991	19.312	0.32331	2.71393	11 V
K15T19R	19.8	0.15	K232P	135.819	15.808	299.788	3.312	0.21917	2.19144	22 V
K15T19S	19.0	0.15	K232P	213.562	172.103	219.393	8.779	0.20538	2.74014	5 V
K15T19T	18.2	0.15	K232P	153.083	282.692	57.500	10.617	0.22073	3.10837	22 V
K15T19U	18.8	0.15	K232P	234.081	300.219	46.299	15.560	0.28334	2.78237	22 V
K15UB0P	19.4	0.15	K232P	334.719	266.079	141.982	6.913	0.16253	2.42904	30 V
K15UB0Q	18.2	0.15	K232P	334.530	195.863	188.209	11.451	0.37922	3.96468	16 V
K15VL7D	19.7	0.15	K232P	9.689	98.268	265.669	1.344	0.23295	2.40305	32 V
K15VL7E	19.4	0.15	K232P	258.564	304.140	103.752	13.036	0.29716	2.63536	33 V
K15W40Q	19.0	0.15	K232P	210.735	204.129	210.016	3.080	0.16102	2.77369	20 V

K15Xo1A	18.2	0.15	K232P	230.662	324.621	94.739	27.388	0.20459	2.71833	35 V
K15Xo1B	18.3	0.15	K232P	129.809	270.681	185.463	11.784	0.24385	2.99738	29 V
K15Xo1C	19.8	0.15	K232P	54.651	236.455	146.960	7.973	0.29803	2.29503	29 V
K15Xo1D	20.1	0.15	K232P	208.845	27.038	82.945	23.938	0.10571	1.94216	8 V
K15Xo1E	18.2	0.15	K232P	94.096	240.815	264.514	25.177	0.33367	3.12225	37 V
K15Xo1F	18.9	0.15	K232P	174.108	350.780	97.144	7.464	0.25771	2.84239	32 V
K15Xo1G	19.0	0.15	K232P	229.480	188.126	259.175	13.028	0.21439	2.65754	32 V
K15Xo1H	18.0	0.15	K232P	104.053	277.770	142.757	16.837	0.16261	3.15169	24 V
K15Xo1J	18.7	0.15	K232P	302.420	276.972	247.781	21.449	0.24661	2.34374	24 V
K15Xo1K	18.9	0.15	K232P	228.354	305.070	145.804	15.409	0.17633	2.63746	24 V
K15Xo1L	19.4	0.15	K232P	323.547	349.635	108.340	5.787	0.14997	2.41097	37 V
K15Xo1M	20.1	0.15	K232P	213.716	7.219	79.891	24.368	0.08844	1.96678	26 V
K15Xo1N	20.4	0.15	K232P	270.188	240.431	229.599	19.507	0.18313	1.86497	28 V
K15Xo1O	19.2	0.15	K232P	44.205	212.989	217.645	8.897	0.15166	2.31436	30 V
K15Xo1P	18.1	0.15	K232P	339.296	246.474	102.276	13.249	0.36794	2.53887	24 V
K15Xo1Q	18.6	0.15	K232P	222.607	339.132	110.372	10.175	0.15808	2.70438	31 V
K15Xo1R	17.8	0.15	K232P	121.993	160.447	256.788	9.625	0.21213	3.14924	31 V
K15Xo1S	19.9	0.15	K232P	269.751	290.453	174.476	3.053	0.23272	2.54432	31 V
K15Xo1T	18.9	0.15	K232P	210.845	218.500	264.931	11.823	0.20147	2.67795	24 V
K15Xo1U	17.5	0.15	K232P	115.040	230.380	256.897	7.818	0.16264	2.98955	31 V
K170G9L	18.3	0.15	K232P	6.630	350.673	15.889	21.966	0.27212	3.09407	90 V
K17QH3P	17.7	0.15	K232P	3.413	349.660	350.132	27.346	0.16082	3.15106	60 V
K17SZ5E	19.7	0.15	K232P	199.750	24.484	345.853	8.215	0.14188	2.31695	34 V
K17SZ5F	20.4	0.15	K232P	230.823	344.599	22.270	4.153	0.18531	2.23227	34 V
K17SZ5G	18.8	0.15	K232P	207.907	351.492	3.271	10.719	0.13871	2.31198	34 V
K17SZ5H	20.6	0.15	K232P	216.272	333.278	30.265	4.556	0.24974	2.26912	29 V
K17SZ5J	19.8	0.15	K232P	146.682	186.508	228.923	1.747	0.17385	2.36564	34 V
K17SZ5K	18.8	0.15	K232P	19.567	67.028	3.998	8.078	0.19486	2.79788	34 V
K17SZ5L	19.3	0.15	K232P	172.152	255.977	101.105	0.425	0.13123	2.43176	30 V
K17SZ5M	19.3	0.15	K232P	103.737	350.688	8.493	4.900	0.17392	2.65513	34 V
K17T47M	18.8	0.15	K232P	72.430	323.534	52.421	2.969	0.14363	2.73985	8 V
K17T51L	19.2	0.15	K232P	78.823	219.600	195.922	17.202	0.18325	2.62714	41 V
K17T51M	20.2	0.15	K232P	329.762	197.092	227.772	18.854	0.23850	1.93094	26 V
K17T51N	18.5	0.15	K232P	97.638	347.676	355.629	3.840	0.08665	2.74236	8 V
K17UK9G	19.1	0.15	K232P	191.542	154.808	230.280	4.165	0.15914	2.32794	24 V
K22003J	24.9	0.15	K232P	49.353	220.080	139.546	3.243	0.60207	2.25285	7 X
K23H01W	24.8	0.15	K232P	318.684	242.337	19.377	4.059	0.48368	1.75004	8 X
K23H02Q	16.2	0.15	K232P	328.163	135.907	232.181	67.252	0.79790	3.36907	47 X
K23H06O	20.8	0.15	K232P	298.283	199.505	99.364	8.348	0.42023	1.74829	39 X
K23H18O	25.4	0.15	K232P	268.107	194.761	73.306	7.543	0.11324	1.14389	43 X
K23J00J	26.8	0.15	K232P	65.122	198.734	228.624	6.443	0.17431	0.88028	13 X
K23J01M	26.0	0.15	K232P	266.516	60.058	230.486	3.819	0.22786	1.25454	24 X
K23J02O	21.3	0.15	K232P	340.252	349.774	216.880	30.105	0.29769	1.62149	22 X
K23J03B	24.2	0.15	K232P	151.738	289.735	88.838	5.449	0.25225	0.94002	21 X
K23J16N	15.4	0.15	K232P	209.851	353.058	11.900	3.705	0.14695	2.69656	24 X
K23K00N	27.0	0.15	K232P	286.338	274.276	60.748	24.178	0.60216	1.51310	2 X
K23K02W	23.6	0.15	K232P	319.110	46.197	241.017	6.483	0.54518	2.11559	49 X

New observations:

K11E78D	KB2023	06	03.98139818	46	15.140+06	38	29.71		16.1	GXEL014B72	
K11E78D	KB2023	06	03.98540918	46	15.850+06	38	28.24		16.1	GXEL014B72	
K11E78D	KB2023	06	03.98895518	46	16.456+06	38	26.89		16.7	GXEL014B72	
K16S01G	KB2023	06	03.95910120	51	34.191+58	40	40.28		18.9	GXEL014B72	
K16S01G	KB2023	06	03.96584420	51	32.812+58	40	38.04		18.9	GXEL014B72	
K16S01G	KB2023	06	03.97222820	51	31.578+58	40	35.75		19.3	GXEL014B72	
K20D05B	V2023	06	02.90215913	20	47.65 +22	03	46.4		15.5	VVEL014270	
K20D05B	V2023	06	02.90215911	002.98110	+50.46697			0		EL014270	
K20D05B	V2023	06	02.90604313	20	47.19 +22	03	20.2		15.7	VVEL014270	
K20D05B	V2023	06	02.90604311	002.98110	+50.46697			0		EL014270	
K20D05B	V2023	06	02.91941813	20	45.65 +22	02	03.7		15.6	VVEL014270	
K20D05B	V2023	06	02.91941811	002.98110	+50.46697			0		EL014270	
K20D05B	V2023	06	02.92851813	20	44.50 +22	01	06.9		15.7	VVEL014270	
K20D05B	V2023	06	02.92851811	002.98110	+50.46697			0		EL014270	
K20D05B	V2023	06	03.52138613	19	52.35 +21	00	00.7		15.4	VVEL014270	
K20D05B	V2023	06	03.52138611	134.35900	+35.08986			0		EL014270	
K20D05B	V2023	06	03.52956813	19	51.18 +20	59	07.5		15.7	VVEL014270	
K20D05B	V2023	06	03.52956811	134.35900	+35.08986			0		EL014270	
K20D05B	V2023	06	03.53866813	19	49.99 +20	58	06.7		15.9	VVEL014270	
K20D05B	V2023	06	03.53866811	134.35900	+35.08986			0		EL014270	
K20D05B	V2023	06	03.54809013	19	48.76 +20	57	06.2		15.4	VVEL014270	
K20D05B	V2023	06	03.54809011	134.35900	+35.08986			0		EL014270	
K20D05B	KC2023	06	03.85705	13	19	21.08 +20	22	07.3		15.7	GXEL014G02
K20D05B	KC2023	06	03.85917	13	19	20.81 +20	21	52.6		15.4	GXEL014G02
K20D05B	KC2023	06	03.86129	13	19	20.53 +20	21	38.0		15.4	GXEL014G02
K20D05B	KC2023	06	03.89400	13	19	17.002+20	17	48.88		15.5	GXEL014G19
K20D05B	KC2023	06	03.89553	13	19	16.795+20	17	38.11		15.5	GXEL014G19
K20D05B	KC2023	06	03.89707	13	19	16.613+20	17	27.64		15.4	GXEL014G19
K20D05B	KC2023	06	03.89859	13	19	16.392+20	17	16.76		15.4	GXEL014G19
K20D05B	KC2023	06	03.89987	13	19	16.246+20	17	07.87		15.4	GXEL014G19
K20D05B	KC2023	06	03.90089	13	19	16.121+20	17	00.85		15.5	GXEL014G19
K20D05B	KC2023	06	03.91046613	19	14.83 +20	15	53.5		15.6	GVEL014G34	
K20D05B	KC2023	06	03.91227513	19	14.60 +20	15	40.8		15.6	GVEL014G34	
K20D05B	KC2023	06	03.91408513	19	14.37 +20	15	28.2		15.6	GVEL014G34	
K20D05B	KC2023	06	03.91589413	19	14.14 +20	15	15.5		15.5	GVEL014G34	
K20D05B	KC2023	06	03.91770313	19	13.91 +20	15	02.6		15.4	GVEL014G34	
K20D05B	KC2023	06	03.98645313	19	06.614+20	07	00.16		15.6	GVEL014Z80	
K20D05B	KC2023	06	03.98929413	19	06.298+20	06	40.00		15.6	GVEL014Z80	
K20D05B	KC2023	06	03.99206713	19	05.954+20	06	20.30		15.6	GVEL014Z80	
K21J01W	KC2023	06	03.02893616	49	59.56 +32	15	22.2		19.7	GXEL014C95	
K21J01W	KC2023	06	03.08659016	49	54.59 +32	15	53.3		19.6	GXEL014C95	
K22003J	KC2022	08	02.93151	21	16	38.60 +15	25	46.4		17.3	GVEL014K88
K22003J	KC2022	08	02.93397	21	16	45.75 +15	27	14.7		17.2	GVEL014K88
K22003J	KC2022	08	02.93642	21	16	52.91 +15	28	42.9		17.2	GVEL014K88

K23H01W 0C2023 04 22.23813810 24 13.518-08 22 01.55 20.24GVEL014T12  
K23H01W 0C2023 04 22.23853210 24 13.061-08 22 04.27 20.07GVEL014T12  
K23H01W 0C2023 04 22.23890010 24 12.639-08 22 06.86 19.78GVEL014T12  
K23H01W 0C2023 04 22.23935410 24 12.113-08 22 10.02 20.07GVEL014T12  
K23H02Q KC2023 06 02.97523 15 49 24.499+27 49 59.66 18.0 GXEL014G19  
K23H02Q KC2023 06 02.98755 15 49 22.049+27 50 36.02 18.6 GXEL014G19  
K23H02Q KC2023 06 02.99983 15 49 19.654+27 51 13.57 18.9 GXEL014G19  
K23H02Q KC2023 06 03.01211 15 49 17.210+27 51 50.51 18.9 GXEL014G19  
K23H02Q KC2023 06 03.02440 15 49 14.844+27 52 27.30 18.8 GXEL014G19  
K23H02Q KC2023 06 03.03663 15 49 12.372+27 53 03.91 18.0 GXEL014G19  
K23H02Q KB2023 06 03.93789215 46 16.859+28 38 03.61 18.0 GXEL014B72  
K23H02Q KC2023 06 03.93831 15 46 16.694+28 38 04.85 19.3 GXEL014G19  
K23H02Q KB2023 06 03.94285915 46 15.838+28 38 18.51 18.3 GXEL014B72  
K23H02Q KB2023 06 03.94746815 46 14.924+28 38 32.16 18.6 GXEL014B72  
K23H02Q KC2023 06 03.94973 15 46 14.462+28 38 39.30 18.6 GXEL014G19  
K23H02Q KC2023 06 03.96031 15 46 12.331+28 39 10.12 18.6 GXEL014G19  
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K23H06O KC2023 06 02.93744215 38 17.306+15 09 04.07 18.3 GVDEL014Z80  
K23H06O KC2023 06 03.90588 15 37 47.640+15 10 47.82 19.2 GXEL014G19  
K23H06O KC2023 06 03.91056 15 37 47.398+15 10 48.07 18.4 GXEL014G19  
K23H06O KC2023 06 03.91521 15 37 47.342+15 10 47.75 18.9 GXEL014G19  
K23H06O KC2023 06 03.91986 15 37 47.088+15 10 48.40 18.1 GXEL014G19  
K23H06O KC2023 06 03.92454 15 37 46.754+15 10 49.12 18.4 GXEL014G19  
K23H06O KB2023 06 03.92572315 37 46.952+15 10 49.54 18.4 GXEL014B72  
K23H06O KB2023 06 03.92856615 37 46.786+15 10 49.29 18.7 GXEL014B72  
K23H06O KC2023 06 03.92918 15 37 46.582+15 10 48.32 17.8 GXEL014G19  
K23H06O KB2023 06 03.93140315 37 46.688+15 10 49.95 18.1 GXEL014B72  
K23H06O KC2023 06 03.95918315 37 45.761+15 10 51.64 18.3 GVDEL014Z80  
K23H06O KC2023 06 03.96752915 37 45.322+15 10 51.82 19.2 GVDEL014Z80  
K23H18O KC2023 06 01.86721 15 42 27.46 +28 41 52.6 16.8 VZEL014M38  
K23H18O KC2023 06 01.87281 15 42 26.84 +28 39 28.7 16.8 VZEL014M38  
K23H18O KC2023 06 01.87745 15 42 26.29 +28 37 28.4 16.5 VZEL014M38  
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K23H18O KC2023 06 02.93450515 47 30.026+17 33 10.76 16.1 rZEL014L34  
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K23H18O KC2023 06 02.93874 15 47 32.705+17 24 07.70 15.6 GXEL014G19  
K23H18O KC2023 06 02.94264 15 47 32.561+17 20 34.73 15.6 GXEL014G19  
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K23H18O KC2023 06 02.95057 15 47 32.309+17 13 19.52 16.0 GXEL014G19  
K23H18O KC2023 06 02.95324 15 47 32.266+17 10 52.14 15.9 GXEL014G19  
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K23H18O KC2023 06 02.95597 15 47 32.189+17 08 21.05 16.1 GXEL014G19  
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K23H18O KC2023 06 02.96119 15 47 32.052+17 03 31.03 15.8 GXEL014G19  
K23H18O KC2023 06 03.02545715 47 20.479+16 07 02.82 17.3 rZEL014L34  
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K23H18O KB2023 06 03.74439 15 55 39.74 +00 26 10.4 15.0 gZEL014M44  
K23H18O KB2023 06 03.74469 15 55 39.72 +00 25 37.5 14.9 gZEL014M44  
K23H18O KB2023 06 03.74501 15 55 39.71 +00 25 04.0 15.4 gZEL014M44  
K23H18O KB2023 06 03.74532 15 55 39.70 +00 24 31.6 16.0 gZEL014M44  
K23H18O KB2023 06 03.74563 15 55 39.70 +00 23 58.8 15.2 gZEL014M44  
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K23H18O C2023 06 03.85059 15 56 41.14 -03 01 21.7 14.4 GXEL014G02  
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K23H18O KC2023 06 03.91315515 57 24.725-05 05 08.92 15.1 GVDEL014Z80  
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K23H18O KC2023 06 04.04713715 58 00.713-09 48 53.10 14.8 GVDEL014J95  
K23H18O KC2023 06 04.05214115 58 02.374-09 59 58.96 15.0 GVDEL014J95  
K23H18O KC2023 06 04.05628515 58 03.804-10 09 11.56 14.9 GVDEL014J95  
K23J00J 0C2023 05 22.34793012 46 59.243+27 21 26.43 22.17GVDEL014T12  
K23J00J 0C2023 05 22.36097112 46 58.737+27 22 02.80 22.19GVDEL014T12  
K23J01M 6C2023 06 03.21295 13 14 10.58 +69 40 37.1 22.2 GVDEL014Z90  
K23J01M 6C2023 06 03.23296 13 13 55.04 +69 47 50.9 22.6 GVDEL014Z90

K23J01M	6C2023	06	03.25868	13	13	35.39	+69	57	01.9	22.6	GVEL014290
K23J02O	6C2023	06	03.38253	17	24	13.52	+45	00	22.9	22.2	GVEL014290
K23J02O	6C2023	06	03.39218	17	24	12.93	+45	00	34.4	22.1	GVEL014290
K23J02O	6C2023	06	03.40010	17	24	12.44	+45	00	43.3	22.1	GVEL014290
K23J03B	KB2023	06	03.90005214	53	15.533+28	30			53.91	18.8	GXEL014B72
K23J03B	KB2023	06	03.90850814	53	05.385+28	31			45.12	19.0	GXEL014B72
K23J03B	KB2023	06	03.91696514	52	55.274+28	32			37.80	19.3	GXEL014B72
K23K00N	0C2023	05	22.32788612	20	40.577+27	06			38.10	18.47	GVEL014T12
K23K00N	0C2023	05	22.43986811	25	49.951+26	30			52.85	18.65	GVEL014T12
K23K02W	KC2023	06	02.97295014	03	18.446+20	47			44.99	19.0	GVEL014Z80
K23K02W	KC2023	06	02.98376014	03	20.510+20	52			26.26	18.3	GVEL014Z80
K23K02W	KC2023	06	03.83828114	07	31.78	+27	35		11.6	17.7	GXEL014595
K23K02W	KC2023	06	03.84277514	07	32.94	+27	37		27.9	18.4	GXEL014595
K23K02W	KC2023	06	03.84450514	07	33.31	+27	38		20.6		XEL014595
K23K02W	KC2023	06	03.93529414	07	59.441+28	24			08.57	18.2	GVEL014Z80
K23K02W	KC2023	06	03.94237314	08	01.289+28	27			45.25	18.2	GVEL014Z80
K23K02W	KC2023	06	03.94457614	07	59.12	+28	28		47.1	17.6	GVEL014G34
K23K02W	KC2023	06	03.94759914	07	59.96	+28	30		19.9	18.0	GVEL014G34
K23K02W	KC2023	06	03.94930614	08	03.156+28	31			17.47	18.2	GVEL014Z80
K23K02W	KC2023	06	03.95062314	08	00.77	+28	31		52.1	17.6	GVEL014G34
K23K02W	KC2023	06	03.95364714	08	01.64	+28	33		24.3	18.3	GVEL014G34
01627	KC2023	06	03.89070012	25	17.00	+14	17		01.7	15.3	GVEL014G33
01627	KC2023	06	03.89128512	25	17.02	+14	17		01.3	15.4	GVEL014G33
01627	KC2023	06	03.89362112	25	17.06	+14	16		59.9	15.2	GVEL014G33
i1825	C2023	06	03.33735312	59	22.819+38	46			12.80	19.67z	XEL014F52
i1825	C2023	06	03.34488512	59	23.172+38	46			14.62	19.69z	XEL014F52
i1825	C2023	06	03.35239812	59	23.541+38	46			16.03	19.42z	XEL014F52
m8453	KC2023	06	02.99313017	25	41.477-06	14			05.50	15.5	GVEL014Z80
m8453	KC2023	06	02.99667217	25	41.750-06	13			51.38	15.6	GVEL014Z80
m8453	KC2023	06	03.00015517	25	42.098-06	13			37.27	15.6	GVEL014Z80
m8453	V2023	06	03.49101317	26	41.36	-05	39		18.4	15.1	VVEL014270
m8453	v2023	06	03.4910131	134.35900	+35.08986					0	EL014270
m8453	V2023	06	03.50381217	26	43.00	-05	38		16.0	15.3	VVEL014270
m8453	v2023	06	03.5038121	134.35900	+35.08986					0	EL014270
m8453	V2023	06	03.51017417	26	43.68	-05	37		50.0	15.3	VVEL014270
m8453	v2023	06	03.5101741	134.35900	+35.08986					0	EL014270
m8453	V2023	06	03.51513717	26	44.25	-05	37		26.9	15.4	VVEL014270
m8453	v2023	06	03.5151371	134.35900	+35.08986					0	EL014270
m8453	V2023	06	03.57585817	26	50.33	-05	32		57.4	15.5	VVEL014270
m8453	v2023	06	03.5758581	134.17945	+34.51235					0	EL014270
m8453	V2023	06	03.58095917	26	50.88	-05	32		34.3	15.5	VVEL014270
m8453	v2023	06	03.5809591	134.17945	+34.51235					0	EL014270
m8453	V2023	06	03.58931317	26	51.72	-05	31		57.2	15.4	VVEL014270
m8453	v2023	06	03.5893131	134.17945	+34.51235					0	EL014270
m8453	V2023	06	03.60184417	26	52.93	-05	31		00.8	15.4	VVEL014270
m8453	v2023	06	03.6018441	134.17945	+34.51235					0	EL014270

A. U. Tomatic

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