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MPEC 2013-L42 : DAILY ORBIT UPDATE (2013 JUNE 9 UT)

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M.P.E.C. 2013-L42

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DAILY ORBIT UPDATE (2013 JUNE 9 UT)

Update to [MPEC 2013-L37](#)

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

New identification:

K02TA4E	K08UV2C									MPCW
K06KA8D	K07Tj3R									MPCW
K10P63T	K03T44S									MPCW
K11X03H	K13AD9C									MPCW
K13A85K	K07X13E									MPCW
K13AG3C	K09BE7T									MPCW
K13B28U	K06W67O	K09H33O	K11UZ1Q							MPCW
K13C86V	K08EB4O									MPCW
K13C95N	K04F59Y	K09K10G								MPCW
K13CI1E	K00E71U	K05J56Q								MPCW
K13E33N	K06B07S									MPCW
K13E51L	K07B61G									MPCW
K13EA6Y	K05J71L									MPCW
K13F14M	K08Y82A									MPCW
K13G26M	K02TU4K									MPCW
K13G26R	K07C24T									MPCW
K13GB1G	K07E14G									MPCW
K13H21V	K04FB4H									MPCW
K13H23M	K10O43U									MPCW
K13J01U	K00J80C									MPCW
K13J05K	K08K03O									MPCW
K13J08S	K06UD0R									MPCW
K13J24X	K06J54H									MPCW
K13J43Z	K08B39S									MPCW
K13J55L	K02G86F									MPCW
K13K03Z	K09U75Z									MPCW
K13L00H	K12C35W									MPCW

New double designation:

K07Tj3R	K07Tj3S									MPCW
K10O43U	K10VL2W									MPCW

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J93V06M	15.4	0.15	K134I	158.129	210.467	232.263	25.900	0.12311	3.12473	4	X
J97E29K	16.0	0.15	K134I	139.878	335.090	125.339	12.912	0.02275	2.98415	5	X
J99T03Y	16.8	0.15	K134I	336.618	116.290	222.160	7.314	0.29869	2.78910	6	X
K00QE7D	20.3	0.15	K134I	2.430	182.188	357.467	7.093	0.54890	1.89337	6	X
K00Q00K	17.8	0.15	K134I	312.407	177.259	151.540	1.335	0.19689	2.20494	7	X
K00R98M	15.8	0.15	K134I	295.265	59.279	297.258	13.171	0.21839	2.71579	4	X
K00SL6U	16.3	0.15	K134I	275.859	289.781	60.675	8.174	0.33358	2.76645	4	X
K01L05N	15.9	0.15	K134I	272.740	242.491	109.945	15.033	0.22895	2.56291	7	X
K01QA8U	17.0	0.15	K134I	307.256	73.046	210.272	28.625	0.36281	2.60455	4	X
K01QI9S	15.8	0.15	K134I	285.726	85.167	243.662	12.436	0.22736	2.60337	6	X
K01QX3H	16.0	0.15	K134I	334.125	232.627	69.371	13.178	0.30182	2.55381	5	X
K01R72W	16.8	0.15	K134I	278.615	148.966	196.368	13.359	0.27849	2.61905	3	X
K01T06A	17.5	0.15	K134I	324.995	209.065	114.316	4.304	0.27984	2.55772	4	X
K01T27U	16.9	0.15	K134I	292.423	119.362	222.323	12.236	0.30430	2.60265	4	X
K01V75M	16.3	0.15	K134I	82.244	227.763	232.068	22.897	0.33915	2.30694	5	X
K01V81X	17.0	0.15	K134I	28.665	275.376	239.303	20.436	0.36033	2.32031	4	X
K01VC2E	16.2	0.15	K134I	275.545	204.200	162.886	15.726	0.31519	2.61126	6	X
K02CK0T	17.6	0.15	K134I	9.616	81.071	134.603	3.280	0.19203	2.31698	5	X
K02EF0L	17.4	0.15	K134I	3.798	123.004	99.098	1.027	0.12568	2.33602	5	X

K02GA7J	17.4	0.15	K134I	355.817	84.675	153.389	7.171	0.20159	2.34083	5 X
K02GF3W	16.2	0.15	K134I	42.581	52.355	124.546	9.424	0.20846	3.05416	4 X
K02GI4T	16.0	0.15	K134I	49.984	54.041	124.227	10.433	0.13348	3.04356	4 X
K02NT70X	15.9	0.15	K134I	285.862	244.148	144.209	10.625	0.13309	3.07702	5 X
K02NT74U	17.9	0.15	K134I	295.875	161.809	160.248	4.330	0.23649	2.42019	4 X
K02PC2Y	15.9	0.15	K134I	3.203	26.596	285.268	9.295	0.07688	3.07164	9 X
K02Q01Q	15.4	0.15	K134I	304.672	230.741	135.762	18.321	0.14871	3.12197	7 X
K02TA4E	15.5	0.15	K134I	33.872	326.448	336.673	7.297	0.11030	3.09167	7 W
K02TH9N	16.3	0.15	K134I	307.484	77.184	281.806	9.290	0.20821	2.42542	6 X
K02TZ0D	15.6	0.15	K134I	350.941	51.150	274.770	9.205	0.11246	3.09760	7 X
K03M03F	15.8	0.15	K134I	314.584	244.137	83.864	15.266	0.44477	2.94485	4 X
K03Q23U	17.6	0.15	K134I	323.949	52.160	274.171	3.866	0.16921	2.23143	6 X
K03Q87M	16.1	0.15	K134I	292.093	258.419	78.707	11.923	0.28018	3.05207	3 X
K03SD3Q	15.6	0.15	K134I	290.671	75.500	238.526	8.724	0.22782	3.14686	4 X
K03SN8N	16.2	0.15	K134I	278.786	35.830	286.699	3.184	0.17813	3.16524	5 X
K03SO6N	16.3	0.15	K134I	308.062	119.583	194.133	17.204	0.22221	3.10252	3 X
K03SS3P	15.9	0.15	K134I	312.171	101.622	245.241	8.624	0.13096	2.99663	6 X
K03SU8S	17.3	0.15	K134I	297.364	99.817	223.474	21.801	0.21525	2.30361	4 X
K03SH2S	16.6	0.15	K134I	272.899	155.902	191.176	10.814	0.15330	3.11105	4 X
K03T00P	17.8	0.15	K134I	293.509	120.129	214.784	24.080	0.32243	2.29530	4 X
K03T12H	16.4	0.15	K134I	311.810	188.695	177.305	4.657	0.24441	2.98834	5 X
K03T26W	15.8	0.15	K134I	350.474	31.650	223.256	14.506	0.23763	3.15264	5 X
K03U64A	15.7	0.15	K134I	279.307	174.200	168.418	15.960	0.26270	3.16035	6 X
K03UY1D	16.3	0.15	K134I	237.964	130.305	238.296	14.111	0.15350	3.12097	5 X
K03V09X	17.0	0.15	K134I	109.417	220.470	245.764	19.379	0.10062	1.96675	7 X
K03W24V	17.6	0.15	K134I	268.055	270.799	57.549	23.418	0.09174	1.93187	4 X
K03W39V	16.3	0.15	K134I	306.776	86.209	283.490	5.278	0.21100	3.03983	6 X
K03W50O	15.6	0.15	K134I	309.043	70.026	240.107	24.583	0.22585	3.18150	3 X
K03W93C	17.1	0.15	K134I	308.709	294.663	44.379	6.832	0.25184	2.29315	5 X
K03YB5M	17.3	0.15	K134I	225.331	141.816	298.000	19.508	0.08934	1.89268	4 X
K04A08H	15.7	0.15	K134I	293.112	134.981	287.184	13.258	0.34258	3.05520	4 X
K04BF9E	17.3	0.15	K134I	322.151	296.997	349.771	2.814	0.23077	2.62206	5 X
K04E86M	16.8	0.15	K134I	12.427	51.437	165.743	12.181	0.14293	2.64974	4 X
K04FD7A	16.7	0.15	K134I	2.457	109.177	112.556	8.585	0.19942	2.69730	4 X
K04R18G	15.7	0.15	K134I	240.701	119.715	232.816	13.100	0.15009	3.01109	4 X
K04RL6L	15.9	0.15	K134I	322.061	102.466	256.362	8.467	0.18807	2.75093	4 X
K04T22P	15.9	0.15	K134I	169.768	216.202	208.675	8.848	0.04387	3.04531	8 X
K04T97Z	16.1	0.15	K134I	244.111	308.120	30.505	7.336	0.13809	3.08174	5 X
K04TE8D	16.2	0.15	K134I	64.534	313.167	214.376	10.793	0.03258	3.07264	6 X
K04TH7H	18.1	0.15	K134I	275.640	147.088	192.227	5.473	0.20141	2.15626	4 X
K04TZ1C	16.6	0.15	K134I	270.641	134.557	210.925	9.023	0.13516	3.01730	4 X
K04U05P	15.6	0.15	K134I	210.782	134.467	242.104	10.888	0.12692	3.11466	4 X
K04X96A	15.2	0.15	K134I	231.173	287.298	91.644	25.101	0.34330	3.11314	5 X
K05A68T	17.0	0.15	K134I	112.625	3.518	108.108	6.990	0.08363	2.36759	3 X
K05EE3X	18.0	0.15	K134I	333.277	234.235	21.471	2.546	0.17977	2.46330	5 X
K05EU5C	17.7	0.15	K134I	334.490	293.187	359.474	4.013	0.22883	2.41309	4 X
K05G29A	16.8	0.15	K134I	308.307	227.391	19.885	14.418	0.07957	2.55680	3 X
K05J46E	17.7	0.15	K134I	314.115	114.543	238.546	8.262	0.55218	1.90408	3 X
K05L12C	16.4	0.15	K134I	352.935	323.714	271.736	5.137	0.14951	2.58681	5 X
K05M29N	16.4	0.15	K134I	261.760	217.809	142.203	15.042	0.19969	2.62296	5 X
K05M50A	17.2	0.15	K134I	338.313	184.324	113.689	6.463	0.22573	2.52820	6 X
K05N50T	16.5	0.15	K134I	358.641	104.867	133.607	14.990	0.04114	2.62186	6 X
K05O03O	17.0	0.15	K134I	316.310	222.192	108.531	15.189	0.27236	2.53814	6 X
K05P06Q	16.4	0.15	K134I	287.340	238.878	116.230	31.701	0.37600	2.59988	7 X
K05Q01F	16.2	0.15	K134I	277.739	190.413	151.458	13.752	0.18019	2.62712	6 X
K05Q65G	17.0	0.15	K134I	261.211	255.904	98.935	4.476	0.10659	2.68971	7 X
K05Q77J	17.0	0.15	K134I	280.321	16.415	310.143	2.307	0.23436	2.66886	4 X
K05QF4A	16.3	0.15	K134I	21.186	130.081	133.983	14.017	0.07001	2.58267	6 X
K05SS53M	17.2	0.15	K134I	314.135	95.939	208.663	12.286	0.28435	2.65069	2 X
K05SS54D	16.9	0.15	K134I	307.766	294.242	21.860	5.301	0.29478	2.64245	3 X
K05SI2Y	17.1	0.15	K134I	289.782	33.778	273.007	1.786	0.05695	2.79356	5 X
K05SI9T	17.3	0.15	K134I	321.708	86.314	199.395	11.425	0.11660	2.74240	4 X
K05TB9G	16.6	0.15	K134I	306.793	85.955	207.670	7.799	0.06722	2.76736	5 X
K05U24G	16.8	0.15	K134I	283.665	292.679	21.977	4.716	0.15583	2.79090	5 X
K05U75Z	16.0	0.15	K134I	243.250	123.441	243.716	23.683	0.16056	2.76905	3 X
K05UC6Y	16.0	0.15	K134I	72.929	280.648	227.856	12.273	0.11649	2.98678	5 X
K05V00R	20.8	0.15	K134I	314.032	270.792	50.084	34.950	0.52200	1.92707	2 X
K05VD2K	16.9	0.15	K134I	336.364	118.612	150.186	9.620	0.13164	2.76249	4 X
K05W35D	15.9	0.15	K134I	26.071	291.050	251.144	12.023	0.24949	3.16574	6 X
K05WC6V	17.1	0.15	K134I	231.270	296.694	96.779	8.767	0.22930	2.78513	3 X
K05WF2K	15.5	0.15	K134I	27.610	288.051	261.407	14.671	0.16783	3.08706	4 X
K05WG2C	16.2	0.15	K134I	80.701	269.280	234.615	4.189	0.11118	3.04385	4 X
K05Y20M	16.3	0.15	K134I	272.935	227.296	103.341	12.272	0.10556	3.00053	3 X
K05Y64L	15.7	0.15	K134I	342.142	155.940	99.676	10.833	0.03845	3.08552	4 X
K05Y81S	16.1	0.15	K134I	20.695	108.652	114.775	10.604	0.03607	3.06435	5 X
K05Y96V	15.5	0.15	K134I	325.591	71.552	280.978	10.365	0.17970	2.60824	6 X
K05YN4J	15.8	0.15	K134I	311.194	191.527	99.428	12.013	0.07235	3.03430	4 X
K06AA5X	16.3	0.15	K134I	96.364	356.939	132.419	17.816	0.15043	3.17725	3 X
K06B37Q	16.3	0.15	K134I	261.190	235.211	124.084	11.744	0.16274	2.97443	3 X
K06BH4R	16.3	0.15	K134I	231.782	302.419	115.580	12.204	0.08683	2.91227	6 X
K06DI9D	17.5	0.15	K134I	2.802	221.941	3.423	5.008	0.10678	2.23862	4 X
K06F43N	17.1	0.15	K134I	351.929	197.015	1.128	5.071	0.06516	2.30762	5 X
K06G40X	17.1	0.15	K134I	345.503	193.946	51.250	8.658	0.13816	2.25741	4 X
K06H13J	17.3	0.15	K134I	324.028	205.278	68.180	6.782	0.14306	2.27870	6 X
K06H27Y	17.4	0.15	K134I	130.395	346.369	110.292	7.441	0.06476	2.29032	3 X
K06J03Q	17.4	0.15	K134I	303.954	256.708	55.063	12.053	0.24497	2.29434	4 X
K06K14B	18.1	0.15	K134I	333.747	144.129	121.278	8.499	0.22640	2.29086	3 X
K06K32X	18.5	0.15	K134I	309.194	215.494	79.584	2.901	0.17580	2.30458	2 X
K06KA8D	17.1	0.15	K134I	194.541	326.018	39.829	8.163	0.13950	2.35821	4 W
K06P21K	17.3	0.15	K134I	275.087	275.021	112.802	3.542	0.24719	2.32893	6 X
K06Q43N	17.3	0.15	K134I	305.763	166.284	141.783	5.775	0.23716	2.40727	5 X
K06Q48R	18.0	0.15	K134I	294.755	192.525	136.528	6.417	0.20332	2.38240	4 X
K06S73N	17.5	0.15	K134I	258.378	285.970	49.006	4.761	0.09721	2.55406	4 X
K06SS3Z	17.1	0.15	K134I	326.821	256.234	49.448	10.078	0.20084	2.39565	4 X
K06U14A	16.4	0.15	K134I	144.167	234.870	215.507	16.757	0.12745	2.65164	4 X
K06UA0D	16.8	0.15	K134I	28.327	356.753	198.744	13.392	0.10181	2.66006	5 X
K06UB5Z	16.9	0.15	K134I	95.498	272.799	206.354	20.310	0.15953	2.69580	4 X
K06UE9D	16.5	0.15	K134I	46.539	323.280	210.326	12.855	0.19650	2.68821	5 X
K06UG6R	16.7	0.15	K134I	0.945	84.247	144.916	3.988	0.17238	2.57033	6 X

K06V48C	16.3	0.15	K134I	329.285	50.307	222.960	10.813	0.16000	2.57403	7	X
K06V53N	17.4	0.15	K134I	356.268	19.336	270.865	6.462	0.11539	2.45224	5	X
K06V60N	17.5	0.15	K134I	337.158	53.961	210.863	9.674	0.11002	2.51990	5	X
K06V79U	17.1	0.15	K134I	238.660	157.984	210.556	7.149	0.05484	2.59481	4	X
K06V92H	16.7	0.15	K134I	267.305	192.260	163.290	4.766	0.18267	2.51256	6	X
K06VE0H	17.0	0.15	K134I	261.924	106.897	239.147	9.970	0.11290	2.59193	3	X
K06W04F	16.8	0.15	K134I	326.295	93.482	250.978	6.266	0.20032	2.38061	6	X
K06WE2P	17.0	0.15	K134I	316.358	65.361	221.092	13.287	0.12339	2.59163	4	X
K06W66U	16.6	0.15	K134I	312.853	220.620	67.907	16.623	0.16250	2.60524	3	X
K06W16Q	16.4	0.15	K134I	285.072	117.345	211.895	11.686	0.11942	2.54653	4	X
K06X31Y	17.4	0.15	K134I	215.669	301.563	81.410	24.081	0.12336	1.90150	3	X
K06X52N	18.8	0.15	K134I	59.239	46.940	91.532	20.742	0.30825	2.00564	2	X
K06X62U	16.4	0.15	K134I	247.410	271.237	92.021	8.373	0.05907	2.71210	5	X
K06Y15Z	18.4	0.15	K134I	269.642	248.196	83.578	23.449	0.08472	1.88082	2	X
K06Y41B	17.2	0.15	K134I	323.144	88.730	261.020	8.202	0.17069	2.43132	4	X
K07D11K	16.3	0.15	K134I	340.944	92.398	163.842	11.539	0.13646	3.09394	6	X
K07DB7D	16.2	0.15	K134I	31.951	29.449	157.943	15.504	0.14220	3.09009	3	X
K07E66B	16.0	0.15	K134I	302.736	151.741	162.312	9.779	0.15557	3.00535	4	X
K07E11L	16.4	0.15	K134I	37.053	349.053	201.739	11.733	0.17004	3.15880	3	X
K07G32H	15.7	0.15	K134I	11.041	50.029	172.681	27.992	0.23051	3.15248	2	X
K07H12H	16.1	0.15	K134I	217.590	175.575	215.010	14.943	0.06629	3.09768	6	X
K07R52W	17.7	0.15	K134I	298.957	28.235	278.776	3.817	0.14456	2.20183	7	X
K07RB9J	17.5	0.15	K134I	271.605	317.920	13.361	4.337	0.21090	2.20156	6	X
K07RE1E	17.9	0.15	K134I	237.484	209.338	166.763	5.418	0.18157	2.21658	3	X
K07RQ7J	17.7	0.15	K134I	300.605	157.376	149.343	4.241	0.17215	2.19233	5	X
K07RW5K	17.5	0.15	K134I	332.952	228.571	39.581	7.289	0.21772	2.23503	5	X
K07T12O	16.4	0.15	K134I	251.410	309.649	36.382	6.849	0.18438	2.26473	5	X
K07T14H	17.3	0.15	K134I	238.084	309.854	42.322	7.694	0.13580	2.28673	5	X
K07TA9Y	17.4	0.15	K134I	295.641	262.923	58.330	7.320	0.25324	2.19200	6	X
K07TF2Q	17.0	0.15	K134I	134.676	192.743	239.201	5.030	0.16878	2.39850	5	X
K07TN9Y	17.9	0.15	K134I	272.419	286.115	40.335	7.114	0.18071	2.24145	5	X
K07Tg6P	18.0	0.15	K134I	290.732	78.005	239.359	9.196	0.25295	2.22345	3	X
K07Th2U	17.8	0.15	K134I	271.504	139.458	203.776	4.373	0.20277	2.22574	3	X
K07V52X	16.8	0.15	K134I	333.550	196.725	67.559	12.143	0.17528	2.31674	4	X
K07V73H	17.1	0.15	K134I	306.256	241.923	54.612	7.722	0.12579	2.32387	6	X
K07VL2V	18.2	0.15	K134I	285.902	243.021	119.463	3.388	0.18937	2.17665	7	X
K07VS5L	17.1	0.15	K134I	343.694	177.315	71.034	8.315	0.11465	2.39289	3	X
K07V99M	17.0	0.15	K134I	307.901	359.358	291.554	4.185	0.15795	2.27914	5	X
K08B06H	16.9	0.15	K134I	350.180	100.937	135.069	12.163	0.14251	2.62331	4	X
K08B16C	17.0	0.15	K134I	117.242	147.521	303.337	3.430	0.12896	2.60660	5	X
K08B42L	16.5	0.15	K134I	77.253	64.879	75.848	8.848	0.14883	2.62405	4	X
K08C02B	16.1	0.15	K134I	2.124	309.745	265.729	12.729	0.15529	2.67907	6	X
K08C14V	16.8	0.15	K134I	71.902	25.741	133.108	10.213	0.08786	2.63392	4	X
K08C61L	16.4	0.15	K134I	60.427	26.462	130.192	9.094	0.14478	2.69276	5	X
K08CF2X	16.9	0.15	K134I	97.748	244.255	240.825	8.600	0.16767	2.61112	3	X
K08CF7Q	16.8	0.15	K134I	84.573	316.459	169.142	11.956	0.19298	2.65654	6	X
K08CI2J	16.9	0.15	K134I	72.579	20.211	133.117	14.066	0.10036	2.65168	3	X
K08CJ2A	17.5	0.15	K134I	30.889	317.586	232.537	1.930	0.11733	2.71129	4	X
K08D21Q	16.3	0.15	K134I	69.601	290.347	214.098	12.124	0.20827	2.69758	4	X
K08D70F	15.9	0.15	K134I	30.935	106.252	84.767	15.761	0.13728	2.73392	4	X
K08E44C	17.8	0.15	K134I	45.400	115.294	23.002	19.379	0.06437	1.86528	3	X
K08EF8Q	17.4	0.15	K134I	18.589	63.297	151.836	5.162	0.10755	2.77637	3	X
K08FC4K	16.2	0.15	K134I	299.957	109.972	215.443	7.583	0.27088	2.79028	6	X
K08G20A	16.7	0.15	K134I	274.940	152.860	183.528	10.001	0.09381	2.83788	4	X
K08H14P	17.1	0.15	K134I	27.041	319.334	245.330	4.405	0.11447	2.78249	3	X
K08H66B	16.1	0.15	K134I	336.988	40.171	227.863	14.557	0.11364	2.86317	6	X
K08J12T	16.5	0.15	K134I	329.582	165.235	108.326	10.910	0.06255	2.88424	5	X
K08K03E	16.1	0.15	K134I	254.837	242.227	107.897	11.339	0.12533	2.96750	4	X
K08O02X	20.2	0.15	K134I	33.017	251.827	220.309	6.641	0.60200	1.04779	4	X
K08O06Y	16.0	0.15	K134I	328.018	32.960	254.323	9.015	0.31638	3.10737	4	X
K08P06Y	17.6	0.15	K134I	161.049	284.896	145.610	25.647	0.13560	1.94931	3	X
K08Q44J	15.4	0.15	K134I	315.770	260.500	74.334	17.533	0.21910	3.09412	5	X
K08TG7H	16.0	0.15	K134I	26.582	18.894	267.052	8.774	0.07072	3.07962	5	X
K09B02L	19.4	0.15	K134I	359.252	55.916	148.686	7.161	0.59337	2.48982	2	X
K09B85D	17.7	0.15	K134I	9.422	287.649	287.026	2.977	0.19081	2.30842	3	X
K09BF0F	17.8	0.15	K134I	56.548	338.911	177.618	2.438	0.07226	2.34750	4	X
K09BF7Q	17.9	0.15	K134I	7.383	74.400	143.545	5.396	0.18752	2.36904	5	X
K09BH6W	17.2	0.15	K134I	356.662	89.956	140.415	22.109	0.29223	2.39616	2	X
K09BI2K	17.6	0.15	K134I	350.772	220.628	8.664	2.696	0.12150	2.34469	6	X
K09BI8H	17.3	0.15	K134I	11.308	230.655	9.755	5.683	0.16219	2.28222	6	X
K09C63R	17.4	0.15	K134I	25.189	122.271	71.986	3.184	0.14047	2.36679	3	X
K09D50W	17.8	0.15	K134I	343.841	71.573	185.123	1.333	0.15883	2.38019	3	X
K09D52G	18.5	0.15	K134I	46.426	87.043	93.646	4.679	0.10031	2.26423	4	X
K09D55Y	17.2	0.15	K134I	8.394	182.797	23.473	2.875	0.15088	2.39927	6	X
K09D64L	16.9	0.15	K134I	28.731	78.562	124.785	6.865	0.05897	2.33987	5	X
K09DA2U	17.4	0.15	K134I	189.854	284.157	126.761	6.878	0.06939	2.26715	5	X
K09DE0J	16.6	0.15	K134I	151.950	35.154	29.989	6.822	0.07317	2.32460	5	X
K09F35H	17.5	0.15	K134I	13.261	136.612	73.303	3.476	0.12363	2.37259	7	X
K09F76B	17.1	0.15	K134I	77.783	6.247	146.025	6.948	0.06111	2.38558	6	X
K09H84W	16.9	0.15	K134I	48.645	92.158	93.778	15.278	0.02663	2.46189	5	X
K09K23N	16.9	0.15	K134I	79.425	28.338	114.942	7.398	0.09219	2.48760	6	X
K09L00C	16.0	0.15	K134I	321.415	103.287	264.256	20.668	0.31823	2.44868	4	X
K09M04R	17.1	0.15	K134I	326.927	148.234	141.873	13.615	0.21382	2.61487	6	X
K09M08Q	16.1	0.15	K134I	276.370	232.493	107.661	15.139	0.22698	2.70556	3	X
K09P02X	17.4	0.15	K134I	300.655	209.758	104.180	3.721	0.24240	2.73149	3	X
K09Q08J	17.1	0.15	K134I	311.792	135.569	178.138	7.788	0.27635	2.68979	2	X
K09Q60G	16.7	0.15	K134I	278.436	141.385	201.994	9.091	0.23568	2.79056	4	X
K09R27S	15.3	0.15	K134I	243.738	104.952	249.049	9.222	0.17295	3.11116	6	X
K09R34E	16.5	0.15	K134I	292.076	108.713	203.526	10.196	0.08154	3.16079	4	X
K09R46J	15.8	0.15	K134I	289.225	122.370	199.524	8.519	0.12612	3.02453	4	X
K09S55P	15.4	0.15	K134I	250.785	142.093	218.168	15.710	0.11885	3.08311	7	X
K09S59R	16.0	0.15	K134I	347.360	17.945	230.834	9.275	0.07090	3.21030	4	X
K09S70B	16.6	0.15	K134I	274.785	140.783	194.901	8.113	0.06087	2.97607	4	X
K09SA4Q	21.0	0.15	K134I	29.981	95.486	56.592	4.016	0.27967	1.28460	2	X
K09SD7Y	16.1	0.15	K134I	284.578	296.239	17.246	4.601	0.15722	3.14215	6	X
K09SL1B	16.4	0.15	K134I	274.388	142.488	194.279	10.621	0.06588	3.07061	5	X
K09SM0Z	15.2	0.15	K134I	212.467	162.396	228.663	21.780	0.08335	3.13772	3	X
K09S00H	16.5	0.15	K134I	268.230	225.443	150.107	16.582	0.32557	2.80768	5	X
K09S2ZD	16.4	0.15	K134I	294.460	225.363	116.948	9.849	0.32593	2.77248	7	X

K09T36U	15.7	0.15	K134I	266.757	249.132	104.474	12.543	0.17817	2.98450	5 X
K09UD0G	15.7	0.15	K134I	237.014	277.310	89.441	9.980	0.08549	3.16555	4 X
K09UE1X	16.0	0.15	K134I	306.820	216.644	105.094	9.548	0.32210	2.87180	4 X
K09V49W	16.1	0.15	K134I	280.194	124.709	217.982	16.376	0.13693	3.03643	4 X
K09VA8M	15.4	0.15	K134I	303.702	89.154	216.377	14.334	0.07030	3.16762	5 X
K09WQ1D	15.5	0.15	K134I	223.379	166.050	230.853	16.143	0.18466	3.13739	4 X
K10A79X	17.6	0.15	K134I	353.987	107.370	125.324	24.353	0.07276	1.94339	6 X
K10F05E	17.6	0.15	K134I	38.120	10.562	180.416	22.390	0.06069	1.97235	6 X
K10LC7Q	17.9	0.15	K134I	289.847	172.916	155.669	8.522	0.22728	2.28773	4 X
K10N21V	17.5	0.15	K134I	282.981	95.153	233.339	4.307	0.12722	2.39405	5 X
K10O00J	16.8	0.15	K134I	277.905	265.066	88.586	23.299	0.31039	2.30378	3 X
K10O99R	16.8	0.15	K134I	231.822	350.991	357.504	4.180	0.08795	2.78621	6 X
K10P41E	15.3	0.15	K134I	79.711	253.908	230.843	13.281	0.11524	3.23789	5 X
K10P63T	17.0	0.15	K134I	276.089	343.396	313.092	5.825	0.11947	2.39510	6 W
K10Q00U	18.0	0.15	K134I	314.327	249.659	31.892	3.075	0.20193	2.27912	3 X
K10R11O	16.9	0.15	K134I	111.626	220.403	253.810	10.183	0.13640	2.57906	4 X
K10RC4P	17.8	0.15	K134I	302.922	141.864	167.233	5.660	0.15854	2.35162	3 X
K10RE2E	16.7	0.15	K134I	100.818	283.840	203.389	14.731	0.10086	2.68818	4 X
K10S18E	18.7	0.15	K134I	305.865	107.687	200.967	1.399	0.23095	2.27011	3 X
K10TL2B	17.0	0.15	K134I	126.585	251.333	213.927	6.912	0.18413	2.79431	4 S
K10T79H	17.1	0.15	K134I	242.271	161.995	204.326	16.855	0.16541	2.53869	3 X
K10T85T	17.5	0.15	K134I	303.298	244.066	38.291	4.909	0.07596	2.54903	6 X
K10TB7E	17.1	0.15	K134I	282.269	138.050	247.964	6.954	0.06168	2.21298	4 X
K10TE9D	15.5	0.15	K134I	210.579	141.755	200.483	10.525	0.09041	3.08279	5 X
K10TI4G	17.2	0.15	K134I	35.167	318.635	285.821	5.395	0.07917	2.30350	8 X
K10U44J	16.6	0.15	K134I	251.517	107.052	233.844	13.527	0.12845	2.62866	6 X
K10U81B	16.3	0.15	K134I	262.692	288.977	46.218	12.715	0.17442	2.60899	2 X
K10V25G	14.9	0.15	K134I	348.689	183.804	61.936	25.060	0.18770	2.97176	6 X
K10V76Q	15.5	0.15	K134I	92.248	274.120	216.137	15.286	0.19465	3.16337	4 X
K10VA6F	16.6	0.15	K134I	325.576	66.889	211.512	10.436	0.16734	2.63690	5 X
K10VD7D	17.7	0.15	K134I	255.965	257.810	99.675	0.994	0.12795	2.57265	4 X
K10VD7S	15.4	0.15	K134I	138.084	341.372	111.058	18.415	0.16604	3.12391	4 X
K10VH0B	15.7	0.15	K134I	64.661	100.265	62.134	17.358	0.03174	3.09205	2 X
K10VH7A	16.0	0.15	K134I	47.490	287.658	238.941	9.253	0.04646	3.15223	5 X
K10X03R	17.3	0.15	K134I	249.200	191.130	173.513	2.279	0.10915	2.61629	4 X
K10X04P	16.4	0.15	K134I	190.711	196.458	217.104	15.138	0.09771	2.78360	4 X
K10X23G	16.9	0.15	K134I	251.810	110.902	245.348	5.452	0.07200	2.71296	4 X
K10X30M	16.1	0.15	K134I	94.164	65.406	73.274	12.131	0.01472	2.98949	3 X
K10X49R	17.7	0.15	K134I	283.278	263.217	111.122	7.945	0.24020	2.26450	4 X
K10X74B	16.6	0.15	K134I	197.233	187.519	219.244	12.232	0.07800	2.77142	5 X
K10X86T	15.4	0.15	K134I	169.930	188.017	247.321	12.966	0.14195	2.97729	3 X
K10Y03V	15.6	0.15	K134I	283.451	243.855	83.507	16.833	0.14109	3.08005	3 X
K11A08X	15.9	0.15	K134I	286.286	222.724	105.584	13.103	0.12741	3.06018	3 X
K11A54S	16.1	0.15	K134I	259.177	248.356	101.077	13.260	0.15328	3.09961	4 X
K11C03H	15.5	0.15	K134I	24.049	327.328	287.872	8.701	0.04348	3.13788	5 X
K11C22X	16.3	0.15	K134I	293.674	65.966	286.622	7.116	0.05085	3.03609	5 X
K11D50M	15.3	0.15	K134I	141.604	257.781	276.544	9.367	0.06039	2.97728	7 X
K11S19Q	18.6	0.15	K134I	46.937	336.620	205.118	21.438	0.08386	1.88846	3 X
K11U91Z	17.6	0.15	K134I	354.656	334.305	255.180	19.035	0.04175	1.92470	3 X
K11UA6M	18.1	0.15	K134I	177.962	192.852	224.616	19.464	0.09853	1.96797	2 X
K11UC8H	16.8	0.15	K134I	108.249	208.843	245.896	5.641	0.14990	2.35526	6 X
K11UG0Z	17.4	0.15	K134I	64.884	217.507	280.021	2.541	0.15351	2.52651	5 X
K11UV5E	16.7	0.15	K134I	74.318	279.795	218.775	22.667	0.21123	2.40361	6 X
K11W01K	17.2	0.15	K134I	349.159	170.130	69.545	7.467	0.16962	2.20516	6 X
K11WF1J	16.4	0.15	K134I	217.796	14.285	274.843	16.737	0.12966	2.75783	3 X
K11X03H	17.0	0.15	K134I	165.870	72.240	248.443	19.032	0.23012	2.80350	3 W
K12B48L	16.8	0.15	K134I	106.926	350.200	124.059	14.685	0.01369	2.68632	3 X
K12B70O	17.4	0.15	K134I	16.785	92.058	118.277	10.188	0.09546	3.05918	4 X
K12B73W	16.2	0.15	K134I	0.467	317.060	259.707	3.341	0.07203	3.10284	4 X
K12B75N	16.5	0.15	K134I	17.391	93.438	125.480	10.884	0.07384	2.83329	6 X
K12B91E	16.1	0.15	K134I	12.652	86.130	131.407	12.458	0.03360	2.86053	4 X
K12BC8K	16.2	0.15	K134I	67.425	352.699	169.502	7.272	0.04311	3.12608	5 X
K12BD0C	16.7	0.15	K134I	132.484	300.201	154.030	6.467	0.10724	2.67769	6 X
K12C13H	16.7	0.15	K134I	41.900	74.476	112.606	6.305	0.09128	3.20727	3 X
K12C43E	16.0	0.15	K134I	68.506	76.630	74.642	10.658	0.12712	3.12390	4 X
K12C52G	16.2	0.15	K134I	43.066	25.982	157.327	10.762	0.07434	3.16585	5 X
K12D07R	15.9	0.15	K134I	97.132	6.047	129.001	11.492	0.02760	3.05495	4 X
K12D23E	15.6	0.15	K134I	115.322	299.972	173.798	16.299	0.10991	3.08070	7 X
K12D26J	15.6	0.15	K134I	53.840	8.408	174.575	16.777	0.12250	3.10418	5 X
K12D60B	16.2	0.15	K134I	32.399	52.710	151.756	10.342	0.04001	3.07835	3 X
K12D75F	16.8	0.15	K134I	242.842	193.995	165.552	5.688	0.08756	2.79273	8 X
K12D90J	16.3	0.15	K134I	281.463	182.389	147.915	14.584	0.10729	2.68947	6 X
K12E02V	15.6	0.15	K134I	85.619	351.973	158.858	10.436	0.05294	3.03520	6 X
K12E11H	16.2	0.15	K134I	114.862	307.825	174.365	17.934	0.15390	3.11583	5 X
K12F25U	16.4	0.15	K134I	318.986	296.771	18.722	4.424	0.10124	2.78763	9 X
K12F34Q	15.0	0.15	K134I	239.944	201.373	169.664	12.428	0.08517	3.35537	8 X
K12F75Y	15.2	0.15	K134I	169.816	234.095	197.471	8.774	0.05181	3.14307	6 X
K12H05W	16.1	0.15	K134I	42.239	100.899	141.288	13.055	0.13520	3.20374	5 X
K12H27J	16.2	0.15	K134I	288.446	230.080	139.628	12.523	0.04101	2.79347	5 X
K12H42R	16.8	0.15	K134I	98.359	31.698	156.686	5.266	0.07240	2.67370	6 X
K12H53J	16.7	0.15	K134I	351.256	143.592	171.830	11.108	0.13528	2.68341	6 X
K12J26L	14.8	0.15	K134I	343.209	185.566	131.026	29.113	0.16181	3.16424	9 X
K13A85K	17.6	0.15	K134I	48.430	99.477	338.024	1.703	0.12078	2.75927	5 W
K13AG3C	18.8	0.15	K134I	353.057	356.373	157.271	12.926	0.11466	2.62561	2 W
K13B28U	16.0	0.15	K134I	140.943	132.128	214.872	8.848	0.09153	3.05497	6 W
K13C08L	17.5	0.15	K134I	303.165	64.941	157.618	2.860	0.10315	2.31160	7 X
K13C86V	16.7	0.15	K134I	307.861	359.627	223.644	7.220	0.10193	3.07902	4 W
K13C95N	17.0	0.15	K134I	342.399	29.138	160.624	2.324	0.17247	2.74961	6 W
K13CI1E	16.6	0.15	K134I	9.307	11.684	156.438	11.898	0.06993	2.63421	5 W
K13E33N	19.0	0.15	K134I	38.895	118.018	348.899	5.379	0.41458	2.27837	2 W
K13E51L	17.4	0.15	K134I	30.637	67.266	79.231	3.140	0.15526	3.08341	3 W
K13E92T	17.1	0.15	K134I	8.449	316.049	214.230	11.960	0.26966	2.72261	3 X
K13EA6Y	16.4	0.15	K134I	280.250	165.702	117.959	11.681	0.13794	2.61483	3 W
K13F14M	18.1	0.15	K134I	3.196	107.297	82.398	5.738	0.15170	2.34385	4 W
K13G26M	17.4	0.15	K134I	291.414	115.745	165.558	10.198	0.10652	2.55504	4 W
K13G26R	16.4	0.15	K134I	45.390	7.540	129.002	13.097	0.11906	3.09878	4 W
K13G81W	16.5	0.15	K134I	355.533	174.834	57.504	18.058	0.19402	2.78808	5 X
K13GA7Y	17.4	0.15	K134I	329.396	214.183	49.935	12.126	0.22281	2.43800	2 X
K13GB1G	15.6	0.15	K134I	10.118	42.080	161.466	11.428	0.09000	3.09267	6 W

K13GD0W	17.1	0.15	K134I	328.451	222.415	42.693	7.751	0.16545	2.19858	4	X
K13H21V	16.9	0.15	K134I	296.061	162.399	135.153	5.727	0.23095	2.69677	6	W
K13H23M	15.5	0.15	K134I	70.802	266.721	224.619	25.157	0.15710	3.14318	4	W
K13J00P	17.6	0.15	K134I	125.752	240.293	215.775	19.950	0.10556	1.97339	3	X
K13J01U	17.9	0.15	K134I	329.193	209.075	45.918	14.213	0.21963	2.67052	2	W
K13J05K	16.4	0.15	K134I	241.400	228.120	111.924	5.236	0.14756	3.13796	3	W
K13J08S	17.2	0.15	K134I	329.705	229.323	30.608	7.624	0.16374	2.56782	3	W
K13J24X	18.1	0.15	K134I	329.006	36.045	216.455	6.899	0.10027	2.30169	4	W
K13J43Z	16.4	0.15	K134I	39.922	313.850	221.426	5.221	0.05075	2.61838	5	W
K13J55L	16.4	0.15	K134I	347.231	167.510	80.051	5.684	0.15335	3.06729	6	W
K13K03Z	16.0	0.15	K134I	292.637	88.262	219.405	11.968	0.06826	3.22573	6	W
K13L00H	16.9	0.15	K134I	353.989	111.085	129.636	2.254	0.12350	3.11641	2	W

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13A27J	17.2	0.15	K134I	3.959	68.219	110.858	28.929	0.39829	2.66243	231	X
K13B18C	19.1	0.15	K134I	5.799	262.181	286.300	24.817	0.77005	2.75413	142	S
K13E09U	21.7	0.15	K134I	355.599	340.478	233.365	3.872	0.19311	1.36037	96	X
K13E40A	17.6	0.15	K134I	3.860	319.155	242.798	2.172	0.20236	2.63235	90	X
K13E55B	16.6	0.15	K134I	7.615	354.914	219.652	14.272	0.27064	2.57767	88	X
K13G00F	21.4	0.15	K134I	351.779	204.310	18.296	10.880	0.45166	1.88532	68	X
K13G68Q	18.6	0.15	K134I	346.366	79.362	196.508	16.222	0.56725	3.14705	59	X
K13G69G	18.6	0.15	K134I	319.021	143.226	184.388	9.087	0.67696	2.66911	59	X
K13G79U	21.5	0.15	K134I	356.442	51.446	170.397	2.185	0.39530	2.10143	56	X
K13G79Z	19.8	0.15	K134I	336.211	102.803	155.644	15.986	0.29066	1.67329	68	X
K13GA1U	17.8	0.15	K134I	353.222	166.914	65.629	4.757	0.18755	2.32751	82	X
K13J01F	24.9	0.15	K134I	5.284	108.128	83.719	1.458	0.40463	1.66308	37	X
K13J28R	21.5	0.15	K134I	328.686	229.953	103.967	6.567	0.65231	2.20732	27	X
K13J35Y	19.3	0.15	K134I	34.111	222.753	226.676	30.661	0.66872	1.38628	27	X
K13J36B	20.5	0.15	K134I	342.756	166.173	72.587	34.161	0.33941	1.61154	23	X
K13K01Z	21.5	0.15	K134I	301.843	104.614	236.119	29.219	0.50698	1.56412	22	X
K13K02B	24.1	0.15	K134I	346.743	355.304	229.825	3.404	0.20965	1.33180	20	X
K13K06H	23.6	0.15	K134I	115.418	195.582	246.352	15.567	0.16077	0.92274	9	X
K13K06N	18.5	0.15	K134I	10.521	232.316	229.652	23.590	0.85030	1.46412	10	X
K13L00B	22.8	0.15	K134I	47.693	109.270	17.285	2.165	0.34160	1.11625	7	X
K13L01B	17.5	0.15	K134I	10.408	313.097	262.667	31.733	0.52217	2.59797	7	X
K13L01C	23.7	0.15	K134I	48.805	47.269	80.153	5.309	0.32564	0.96826	6	X
K13L01D	22.4	0.15	K134I	343.608	198.427	69.876	6.469	0.55157	2.59806	5	X
K13L01E	22.7	0.15	K134I	256.569	304.032	66.121	8.703	0.44161	1.17838	5	S
K13L02D	24.8	0.15	K134I	340.335	199.206	61.542	1.729	0.47435	1.95471	4	X
K13L07E	27.1	0.15	K134I	334.250	34.092	205.200	1.739	0.10366	1.16062	2	X
K13L07F	22.0	0.15	K134I	330.645	185.729	128.177	5.372	0.58707	2.39443	2	u

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K12XB6B	18.2	0.15	K12CJ	7.621	186.210	272.344	19.149	0.04124	1.97067	31	S
K13AD9A	18.4	0.15	K12CJ	351.518	308.160	171.187	13.573	0.19795	2.64076	5	S
K13AB0J	17.8	0.15	K12CJ	40.145	226.441	179.493	11.160	0.23700	2.63711	5	S
K13AB4O	17.7	0.15	K1318	16.871	288.608	157.440	15.948	0.25869	3.04992	16	S
K13AB4W	15.3	0.15	K1318	36.143	189.822	247.255	17.331	0.10716	5.17502	16	S
K13AE7J	18.1	0.15	K12CJ	351.580	242.761	238.087	11.401	0.22530	2.70928	5	S
K13AE7Z	17.1	0.15	K1318	326.768	17.124	144.524	18.381	0.19477	3.12321	8	S
K13AE9H	17.9	0.15	K1318	13.358	237.003	221.440	8.809	0.10039	3.19696	12	S
K13AE9X	17.4	0.15	K1318	10.912	270.498	190.789	8.597	0.12307	3.43305	12	S
K13AF0D	19.0	0.15	K1318	44.524	170.300	217.346	7.414	0.38292	2.59661	12	S
K13AF0F	16.4	0.15	K1318	239.533	54.911	191.174	9.301	0.10387	3.23141	12	S
K13AF0Z	14.9	0.15	K1318	72.568	176.645	223.258	10.079	0.05318	5.29516	12	S
K13AF1Q	18.3	0.15	K1318	336.270	354.898	150.953	12.958	0.14914	2.60273	12	S
K13AF3E	18.0	0.15	K1318	2.796	290.247	179.535	9.073	0.22800	2.73578	9	S
K13AF4N	18.4	0.15	K1318	286.493	337.639	220.197	10.149	0.06532	2.54404	16	S
K13AF4R	18.2	0.15	K1318	11.185	231.655	233.503	11.061	0.03955	2.59458	16	S
K13AF4U	17.9	0.15	K1318	17.898	265.125	182.712	10.031	0.21220	3.17570	16	S
K13AF4W	17.9	0.15	K1318	60.853	210.347	193.954	9.776	0.10552	3.02785	16	S
K13AF4Z	19.2	0.15	K1318	8.000	284.435	178.649	9.729	0.20755	3.12906	16	S
K13AF5G	16.7	0.15	K1318	31.872	258.769	179.637	10.231	0.08882	3.01280	16	S
K13AF5P	17.7	0.15	K1318	83.514	149.719	231.462	10.633	0.11760	3.19196	16	S
K13AF6B	18.8	0.15	K1318	56.760	132.037	275.550	19.853	0.10046	1.90637	9	S
K13AF6H	17.7	0.15	K1318	351.243	253.858	234.238	9.894	0.12081	3.15755	16	S
K13AF6N	16.8	0.15	K1318	111.285	116.163	244.732	11.842	0.05583	3.10354	16	S
K13AF6Y	18.4	0.15	K1318	18.841	222.983	231.301	7.598	0.06473	2.37927	12	S
K13AF7A	18.3	0.15	K1318	293.416	19.372	171.974	9.894	0.07741	2.68566	17	S
K13AF7D	16.6	0.15	K1318	72.921	205.981	171.567	10.964	0.23127	3.14411	16	S
K13AF9N	17.8	0.15	K1318	84.545	157.781	232.150	9.212	0.02226	3.05582	12	S
K13AF9X	19.4	0.15	K1318	341.694	262.144	241.199	8.206	0.19116	2.63574	16	S
K13AG0E	19.3	0.15	K1318	6.429	293.033	169.806	6.552	0.26897	2.41046	12	S
K13AG0P	17.5	0.15	K1318	82.974	226.620	148.541	14.990	0.16429	2.77715	12	S
K13AG1B	18.5	0.15	K1318	89.891	186.100	198.967	8.552	0.01328	2.44324	16	S
K13AG1F	17.9	0.15	K1318	344.314	293.018	202.764	9.180	0.06961	3.13235	16	S
K13AG1L	18.8	0.15	K1318	20.745	200.462	244.406	9.330	0.20695	2.76931	16	S
K13AG1Q	14.6	0.15	K1318	99.555	108.496	267.756	20.601	0.05954	5.28268	16	S
K13AG1S	17.6	0.15	K1318	259.962	52.144	168.918	11.003	0.02980	3.04264	16	S
K13AG1U	18.2	0.15	K1318	61.492	195.893	191.367	9.063	0.25154	2.78252	16	S
K13AG1Y	18.8	0.15	K1318	58.427	176.667	222.848	8.637	0.18097	2.76691	16	S
K13AG2J	19.0	0.15	K1318	320.163	4.711	166.409	9.584	0.17485	2.44873	16	S
K13AG2O	17.3	0.15	K1318	131.230	164.872	176.277	10.603	0.07469	2.96807	16	S
K13AG2Z	18.8	0.15	K1318	21.450	237.047	201.571	8.332	0.26641	2.73637	16	S
K13AG3O	19.6	0.15	K1318	352.534	333.318	153.722	13.682	0.20423	2.60019	16	S
K13AG4C	17.8	0.15	K1318	117.424	114.465	237.329	11.709	0.10595	2.73575	16	S
K13AG4V	18.5	0.15	K1318	313.608	17.982	156.155	14.245	0.11413	2.89744	16	S
K13AG4Z	19.2	0.15	K1318	72.195	147.945	239.303	10.284	0.16149	2.41476	16	S
K13AG5B	19.0	0.15	K1318	359.582	321.425	155.782	11.797	0.13032	2.63269	37	S
K13AG6E	17.6	0.15	K1318	105.380	100.426	271.571	20.228	0.04145	3.21100	16	S
K13AG6K	18.0	0.15	K1318	38.072	239.506	187.574	8.514	0.15232	3.07302	16	S
K13AG6O	17.3	0.15	K1318	223.176	99.966	158.998	11.926	0.05406	2.98105	12	S
K13AG6T	18.6	0.15	K1318	316.153	4.186	165.655	9.654	0.10355	2.55576	16	S
K13AG6Y	19.0	0.15	K1318	2.635	271.869	199.197	5.539	0.22090	2.31847	37	S
K13AG6Z	18.2	0.15	K1318	213.891	7.772	260.924	12.178	0.06339	2.53296	16	S
K13AG7N	17.7	0.15	K1318	195.485	60.474	226.725	8.888	0.08076	3.15166	16	S
K13AG7O	17.7	0.15	K1318	65.396	139.578	266.949	14.827	0.08022	3.17390	16	S

K13AG7Z	17.5	0.15	K1318	19.847	210.194	247.855	10.269	0.05878	3.16668	16	S
K13AG8K	17.6	0.15	K1318	345.935	332.480	161.761	10.802	0.02751	3.06096	13	S
K13AG8O	17.0	0.15	K1318	335.582	263.528	245.533	8.194	0.09046	3.04472	13	S
K13AG8W	18.3	0.15	K1318	31.313	279.227	153.403	9.742	0.18701	2.57581	13	S
K13AG8X	18.3	0.15	K1318	103.106	184.072	187.251	7.312	0.04757	2.71002	12	S
K13AG8Y	17.1	0.15	K1318	167.231	173.969	135.381	28.968	0.13052	3.09628	13	S
K13AG9H	17.1	0.15	K1318	348.904	289.780	201.887	8.860	0.01773	3.20547	16	S
K13AH0Q	18.1	0.15	K1318	353.041	277.970	209.934	8.495	0.16144	2.66275	16	S
K13AH0Y	17.8	0.15	K1318	31.203	245.308	198.395	9.937	0.08577	3.19519	14	S
K13AH1C	17.5	0.15	K1318	246.805	9.080	229.115	11.000	0.03128	3.13881	14	S
K13AH1D	17.2	0.15	K1318	313.161	33.279	151.367	17.305	0.18905	3.13771	14	S
K13AH1N	18.9	0.15	K1318	60.329	179.195	227.297	9.492	0.10078	2.59248	16	S
K13AH1Y	17.7	0.15	K1318	357.453	296.220	185.309	10.797	0.07516	3.17555	16	S
K13AH3O	18.2	0.15	K1318	52.184	226.077	192.008	9.958	0.10122	3.00826	14	S
K13AH3P	17.7	0.15	K1318	69.002	231.690	164.361	14.699	0.13522	3.19561	13	S
K13AH4N	18.3	0.15	K1318	341.737	283.386	218.048	10.752	0.14199	2.66321	16	S
K13AH4O	17.1	0.15	K1318	73.581	233.433	154.431	19.419	0.13482	3.05074	16	S
K13AH4Q	17.9	0.15	K1318	24.339	229.806	221.346	10.318	0.04544	2.58897	16	S
K13AH4X	18.5	0.15	K1318	345.353	296.512	204.003	8.579	0.20914	2.44282	14	S
K13AH6F	15.2	0.15	K1318	22.249	265.221	187.121	15.632	0.08040	5.08651	15	S
K13AH8X	17.5	0.15	K12CJ	260.187	6.339	222.255	10.030	0.16256	2.39011	2	S
K13AI1E	17.9	0.15	K1318	105.849	206.282	159.001	12.419	0.08561	3.08126	12	S
K13AI1X	17.7	0.15	K1318	140.173	127.902	211.628	10.214	0.02391	3.10626	13	S
K13AI2D	18.3	0.15	K1318	342.561	344.624	159.143	11.137	0.15962	3.21602	12	S
K13AI2U	17.8	0.15	K1318	21.881	275.338	173.207	12.996	0.15790	3.02416	15	S
K13AI2X	17.5	0.15	K1318	22.732	228.218	222.930	11.287	0.11540	2.57103	8	S
K13B44S	17.3	0.15	K1318	78.540	141.733	253.840	13.063	0.04095	2.58467	17	S
K13CC9T	15.8	0.15	K133T	329.098	151.355	121.386	28.096	0.16482	3.19657	111	S
K13EE8S	16.2	0.15	K134I	307.648	229.682	15.947	21.320	0.07235	2.80661	87	X
K13EC1A	17.1	0.15	K1339	63.776	94.524	0.754	12.560	0.23883	2.66975	50	S
K13F25F	17.7	0.15	K133T	283.686	290.412	355.711	4.981	0.15607	2.19349	38	S
K13G68R	18.2	0.15	K134I	343.208	202.474	44.043	6.220	0.30729	2.13628	83	X
K13G70H	16.3	0.15	K1358	9.581	11.712	212.390	12.066	0.18560	3.16360	62	X
K13G70P	15.2	0.15	K134I	333.780	19.793	224.333	12.433	0.03411	3.18026	57	S
K13G90B	17.0	0.15	K134I	299.485	112.214	187.689	6.469	0.12635	2.36015	58	S
K13G99B	16.6	0.15	K1358	333.248	162.001	102.837	15.997	0.20931	2.76656	58	S
K13GA1X	17.8	0.15	K1358	345.014	184.846	68.458	6.229	0.17962	2.32729	50	S
K13GB0P	17.2	0.15	K133T	2.172	6.322	200.217	8.786	0.09519	2.35573	133	S
K13GC6A	16.4	0.15	K1358	323.006	213.454	65.108	13.787	0.12684	3.00266	54	S
K13GC8B	17.7	0.15	K1358	14.215	351.700	224.050	1.822	0.11622	2.39499	54	S
K13GD0L	16.4	0.15	K1358	329.971	170.295	106.276	14.296	0.19928	2.39869	58	X
K13GD5X	16.3	0.15	K1358	297.796	145.677	173.490	12.715	0.23794	2.57638	56	S
K13H07C	15.5	0.15	K1358	351.466	80.904	165.928	12.493	0.12169	3.13566	56	X
K13H11B	17.3	0.15	K1358	353.417	47.905	197.190	22.162	0.17010	2.24829	41	S
K13H18O	16.9	0.15	K1358	349.832	191.444	52.794	35.865	0.44983	3.26772	57	S
K13H23Z	15.4	0.15	K1358	225.473	318.474	40.244	10.841	0.02386	3.14343	47	X
K13H27V	16.9	0.15	K1358	17.832	342.439	229.882	9.760	0.13224	2.66036	49	S
K13H27W	17.6	0.15	K1358	336.490	39.288	227.318	4.405	0.14784	2.35934	51	S
K13J04A	15.8	0.15	K1358	28.661	350.500	198.852	17.198	0.17149	3.08390	41	S
K13J04J	17.7	0.15	K1358	336.721	9.727	248.117	4.960	0.17765	2.39877	57	X
K13J04S	16.3	0.15	K1358	93.499	253.978	225.230	14.010	0.10373	2.87086	34	S
K13J04T	18.3	0.15	K1358	355.486	212.980	17.119	1.069	0.13467	2.42061	38	X
K13J06U	17.7	0.15	K1358	19.545	109.299	88.328	23.295	0.05940	1.89409	41	S
K13J08B	17.6	0.15	K1358	337.417	194.590	69.540	7.347	0.17985	2.31451	53	S
K13J09E	16.5	0.15	K1358	58.658	286.398	217.217	10.716	0.21783	2.61606	31	S
K13J10M	18.0	0.15	K1358	324.939	218.606	47.174	5.524	0.13205	2.25218	52	S
K13J16D	17.3	0.15	K1358	57.349	290.671	229.949	24.561	0.19793	2.27486	32	X
K13J16G	17.0	0.15	K1358	327.972	186.060	84.712	15.214	0.22635	2.64023	33	S
K13J19C	18.1	0.15	K1358	349.759	180.626	66.802	4.362	0.18260	2.57723	27	S
K13J19K	15.8	0.15	K1358	302.776	75.400	233.621	7.170	0.16610	3.11536	47	X
K13J20L	16.8	0.15	K1358	42.356	341.483	182.222	12.457	0.27798	2.59660	56	X
K13J21P	16.0	0.15	K1358	354.742	133.153	100.204	14.821	0.09780	2.67856	50	S
K13J22C	16.6	0.15	K1358	29.790	28.667	166.936	8.119	0.13775	2.55530	59	X
K13J22X	15.5	0.15	K1358	314.182	227.379	42.390	17.029	0.06031	3.19862	52	S
K13J23E	18.1	0.15	K1358	16.728	123.087	86.274	2.322	0.12646	2.45351	44	S
K13J25C	16.9	0.15	K1358	353.831	58.651	185.808	11.574	0.21905	2.58601	59	X
K13J27Q	15.7	0.15	K1358	301.237	151.991	159.559	17.376	0.12906	3.05195	53	S
K13J28B	15.8	0.15	K134I	332.297	189.811	84.261	17.962	0.23508	3.16520	47	S
K13J30X	17.0	0.15	K1358	298.499	215.042	113.363	9.461	0.25112	2.33449	25	S
K13J31S	18.2	0.15	K1358	317.890	91.500	199.163	0.992	0.17668	2.40887	27	S
K13J32U	16.6	0.15	K133T	310.572	96.831	204.625	11.120	0.20262	2.62427	115	X
K13J33G	16.3	0.15	K1358	308.221	228.324	65.078	16.103	0.07439	3.20013	50	S
K13J33X	17.0	0.15	K1358	4.440	140.177	81.409	7.932	0.29975	2.61724	50	X
K13J34X	18.1	0.15	K1358	123.648	240.195	230.497	20.972	0.09803	1.91927	24	X
K13J35G	16.9	0.15	K1358	353.621	142.024	96.003	15.318	0.22538	2.64813	37	S
K13J36Z	15.9	0.15	K133T	317.376	196.333	87.215	13.493	0.14606	2.63302	114	S
K13J38G	16.0	0.15	K1358	351.826	164.418	83.649	15.344	0.15133	3.09073	29	X
K13J39A	17.8	0.15	K1358	9.109	119.971	105.599	9.732	0.17600	2.70234	28	X
K13J39J	17.6	0.15	K1358	1.071	165.168	66.081	7.677	0.23850	2.73567	37	X
K13J39M	18.1	0.15	K1358	0.395	167.894	62.253	0.936	0.17132	2.29161	52	X
K13J40R	15.5	0.15	K1358	72.809	32.882	114.617	9.414	0.13234	3.11622	59	X
K13J41C	16.5	0.15	K1358	17.602	95.307	113.536	1.877	0.07208	2.85480	51	S
K13J42E	16.0	0.15	K1358	315.897	218.926	81.242	15.872	0.16698	2.56735	37	X
K13J43R	15.8	0.15	K133T	350.053	50.792	193.548	10.968	0.08460	3.06714	112	S
K13J43V	16.8	0.15	K1358	313.101	9.794	268.669	1.696	0.10393	2.70547	61	X
K13J47R	16.1	0.15	K1358	317.620	188.827	102.424	12.496	0.16003	3.04881	59	X
K13J48Q	18.4	0.15	K1358	325.443	212.709	67.027	6.329	0.18641	2.20827	50	S
K13J49B	15.6	0.15	K1358	247.898	121.177	223.383	11.696	0.12615	3.45328	30	S
K13J49R	16.8	0.15	K1358	0.006	173.435	49.883	19.133	0.13190	3.07180	52	S
K13J53J	18.0	0.15	K1358	294.246	311.892	358.469	1.465	0.18828	2.36349	57	X
K13J53Y	16.1	0.15	K1358	259.437	306.815	47.204	17.139	0.30547	2.79336	52	S
K13J55A	17.3	0.15	K1358	25.384	133.248	69.162	6.572	0.06140	2.60409	44	S
K13J60B	17.1	0.15	K134I	344.211	190.602	52.196	6.671	0.23150	3.16211	57	S
K13J61M	16.2	0.15	K1358	352.844	175.129	70.674	3.739	0.14884	3.00279	29	S
K13J61Q	16.7	0.15	K1358	347.582	66.295	187.751	4.272	0.16683	2.97708	45	S
K13J61W	17.1	0.15	K1358	327.918	192.445	82.529	7.296	0.09846	2.39075	27	S
K13J62D	16.5	0.15	K1358	348.800	174.395	75.572	10.671	0.09150	2.73750	54	S
K13J63B	17.3	0.15	K1358	2.685	161.413	68.940	7.522	0.07820	2.43777	54	X
K13K02D	17.1	0.15	K1358	35							

K13K03N	16.6	0.15	K1358	326.888	211.973	62.352	13.889	0.12337	2.67465	27 S
K13K03R	15.5	0.15	K1358	290.816	225.083	109.736	18.572	0.23210	3.16092	15 S
K13K04C	17.2	0.15	K1358	22.856	350.824	215.670	3.742	0.13873	2.55151	28 S
K13K04L	18.0	0.15	K1358	351.618	182.738	59.768	7.884	0.16815	2.33743	32 S
K13K04P	18.4	0.15	K1358	282.024	95.057	232.123	19.894	0.10834	1.90487	23 S
K13K05D	17.5	0.15	K1358	326.506	221.320	55.737	6.236	0.15823	2.27327	54 X
K13K05S	16.9	0.15	K1358	6.083	329.253	254.923	6.468	0.16883	2.67056	46 S
K13K06Q	18.2	0.15	K1358	181.701	331.228	86.325	24.787	0.08230	1.95932	21 S
K13K06Z	15.8	0.15	K135S	325.995	39.954	239.818	13.818	0.08454	3.18845	10 X
K13K07K	16.3	0.15	K1358	4.823	143.994	83.493	29.798	0.26051	3.09710	23 S
K13K07N	15.6	0.15	K135S	302.777	246.773	60.335	17.199	0.18797	3.05165	6 S
K13K08E	17.6	0.15	K135S	358.068	1.306	245.841	8.844	0.21248	2.77527	4 S
K13K09W	16.9	0.15	K1358	317.556	43.300	239.844	8.946	0.10381	2.38080	26 S
K13K10A	17.7	0.15	K135S	343.052	130.226	139.243	4.725	0.21947	2.61112	8 S
K13L00D	18.1	0.15	K135S	124.008	249.931	226.858	19.439	0.07442	1.95462	5 S
K13L00J	15.7	0.15	K135S	170.133	331.510	100.054	3.133	0.01771	3.12658	6 S
K13L00N	17.9	0.15	K135S	294.014	84.714	244.343	4.979	0.19327	2.27814	19 S
K13L00O	16.3	0.15	K135S	87.649	262.758	241.548	13.708	0.07426	2.65648	10 S
K13L00Q	18.0	0.15	K135S	8.111	348.993	240.416	2.564	0.17411	2.23095	10 S
K13L01K	17.7	0.15	K135S	0.735	133.200	111.210	16.603	0.27426	2.75204	7 X
K13L01L	15.9	0.15	K135S	274.653	251.893	102.808	27.656	0.20753	3.06597	7 X
K13L02Z	16.2	0.15	K1358	94.369	58.099	76.276	15.019	0.10345	3.06069	19 W
K13L04T	17.8	0.15	K135S	27.035	356.675	210.577	5.990	0.12352	2.32716	2 S
K13L04W	16.3	0.15	K135S	22.035	122.187	91.674	7.640	0.11274	3.12230	7 S
K13L05C	16.3	0.15	K135S	313.639	213.999	101.518	6.118	0.24559	2.55744	9 S
K13L05S	17.3	0.15	K135S	322.082	221.081	88.355	5.886	0.22464	2.36193	4 S
K13L06K	16.4	0.15	K135S	351.062	181.328	71.806	3.981	0.21030	3.01117	3 X
K13L06P	16.5	0.15	K135S	318.710	93.272	214.112	9.066	0.17265	2.73335	2 S

New observations:

K00GE7D	C2013	06	06.95533	12	31	35.99	-52	11	04.3	18.7	VuEL042807
K00GE7D	C2013	06	06.95780	12	31	37.93	-52	11	05.4	18.8	VuEL042807
K05V00R	KC2013	06	09.16674	12	16	59.32	-22	31	53.9	21.0	RoEL042291
K05V00R	KC2013	06	09.17056	12	16	58.47	-22	32	01.3	20.6	RoEL042291
K05V00R	KC2013	06	09.17439	12	16	57.55	-22	32	10.5	20.4	RoEL042291
K13B18C	C2013	06	07.38137	22	33	27.88	-03	12	39.2	21.4	VuEL042807
K13B18C	C2013	06	07.38680	22	33	27.48	-03	12	33.0	21.3	VuEL042807
K13B18C	C2013	06	07.39224	22	33	27.10	-03	12	26.6	21.4	VuEL042807
K13G00F	C2013	06	07.94899	10	23	31.54	-67	27	10.2	20.2	VuEL042807
K13G00F	C2013	06	07.95143	10	23	32.43	-67	27	19.9	20.3	VuEL042807
K13G00F	C2013	06	07.95388	10	23	33.34	-67	27	29.7	19.9	VuEL042807
K13G00F	C2013	06	07.95633	10	23	34.23	-67	27	39.8	19.9	VuEL042807
K13G00F	C2013	06	07.95877	10	23	35.09	-67	27	49.5	19.9	VuEL042807
K13G79Z	C2013	06	07.34530	17	44	26.08	+44	48	49.7	19.6	VuEL042703
K13G79Z	C2013	06	07.35250	17	44	26.37	+44	48	49.5	19.9	VuEL042703
K13G79Z	C2013	06	07.35963	17	44	26.66	+44	48	47.4	20.1	VuEL042703
K13G79Z	C2013	06	07.36661	17	44	26.98	+44	48	46.4	20.2	VuEL042703
K13J01F	C2013	06	08.28462	16	59	19.98	-21	44	53.3	22.6	RoEL042695
K13J01F	C2013	06	08.30159	16	59	19.89	-21	45	02.7	22.8	RoEL042695
K13J01F	C2013	06	08.32529	16	59	19.76	-21	45	18.2	22.7	RoEL042695
K13J28R	C2013	06	08.24354717	16	25.25	+10	29	30.1	18.0	RqEL042W85	
K13J28R	C2013	06	08.24402517	16	25.29	+10	29	33.2	18.0	RqEL042W85	
K13J28R	C2013	06	08.24449317	16	25.32	+10	29	36.4	18.0	RqEL042W85	
K13J28R	C2013	06	08.24496117	16	25.36	+10	29	39.6	17.8	RqEL042W85	
K13J28R	C2013	06	08.24543117	16	25.39	+10	29	42.8	17.9	RqEL042W85	
K13J28R	C2013	06	08.35561	17	16	37.50	+10	40	50.5	17.8	RoEL042695
K13J28R	C2013	06	08.35713	17	16	37.62	+10	41	01.0	17.9	RoEL042695
K13J28R	C2013	06	08.35985	17	16	37.83	+10	41	19.7	17.8	RoEL042695
K13J28R	C2013	06	08.36126	17	16	37.94	+10	41	29.5	17.8	RoEL042695
K13J35Y	KC2013	06	09.19861	13	01	34.45	-02	45	03.1	20.8	RoEL042291
K13J35Y	KC2013	06	09.20295	13	01	34.77	-02	45	01.0	20.7	RoEL042291
K13J35Y	KC2013	06	09.20729	13	01	35.10	-02	44	58.5	20.4	RoEL042291
K13J36B	C2013	06	07.34019	13	47	24.25	-20	37	34.4	16.3	VoEL042474
K13J36B	C2013	06	07.34054	13	47	24.01	-20	37	43.6	16.1	VoEL042474
K13J36B	C2013	06	07.34093	13	47	23.81	-20	37	52.6	16.5	VoEL042474
K13J36B	C2013	06	07.34130	13	47	23.55	-20	38	01.7	16.0	VoEL042474
K13J36B	C2013	06	07.34164	13	47	23.32	-20	38	10.7	16.2	VoEL042474
K13J36B	C2013	06	07.34203	13	47	23.11	-20	38	20.0	16.1	VoEL042474
K13J36B	C2013	06	07.46924	13	46	02.64	-21	30	33.0	16.1	VoEL042474
K13J36B	C2013	06	07.46961	13	46	02.41	-21	30	42.0	16.4	VoEL042474
K13J36B	C2013	06	07.46998	13	46	02.16	-21	30	50.9	16.4	VoEL042474
K13J36B	C2013	06	07.47034	13	46	01.94	-21	30	59.8	16.3	VoEL042474
K13J36B	C2013	06	07.47069	13	46	01.70	-21	31	08.7	16.3	VoEL042474
K13J36B	C2013	06	07.47108	13	46	01.45	-21	31	17.3	16.8	VoEL042474
K13K06H	C2013	06	08.24945	15	55	51.26	+20	34	28.7	19.3	RoEL042695
K13K06H	C2013	06	08.25147	15	55	50.72	+20	34	42.9	19.3	RoEL042695
K13K06H	C2013	06	08.25447	15	55	49.90	+20	35	04.4	19.4	RoEL042695
K13K06H	C2013	06	08.25646	15	55	49.37	+20	35	18.4	19.4	RoEL042695
K13L00B	C2013	06	08.03032	15	26	06.48	-28	22	31.3	21.0	VuEL042807
K13L00B	C2013	06	08.03397	15	26	06.19	-28	22	28.8	21.1	VuEL042807
K13L00B	C2013	06	08.03762	15	26	05.87	-28	22	26.0	21.1	VuEL042807
K13L00B	C2013	06	08.04128	15	26	05.56	-28	22	23.2	21.1	VuEL042807
K13L01B	C2013	06	08.30329	20	47	24.94	+05	59	06.1	19.3	VuEL042807
K13L01B	C2013	06	08.30509	20	47	24.84	+05	59	09.9	19.5	VuEL042807
K13L01B	C2013	06	08.30690	20	47	24.74	+05	59	13.6	19.5	VuEL042807
K13L01B	C2013	06	08.30872	20	47	24.63	+05	59	17.5	19.5	VuEL042807
K13L01B	C2013	06	08.31052	20	47	24.54	+05	59	21.4	19.5	VuEL042807
K13L01C	C2013	06	08.28476	19	43	39.86	-22	15	24.7	20.8	VuEL042807
K13L01C	C2013	06	08.29000	19	43	37.45	-22	15	41.9	20.9	VuEL042807
K13L01C	C2013	06	08.29573	19	43	34.82	-22	16	00.5	20.9	VuEL042807
K13L01D	C2013	06	07.99544	14	14	10.44	-13	45	30.5	21.4	VuEL042807
K13L01D	C2013	06	08.00091	14	14	10.78	-13	45	44.8	21.1	VuEL042807
K13L01D	C2013	06	08.00638	14	14	11.10	-13	45	59.1	21.3	VuEL042807
K13L01E	KC2013	06	07.51473	15	32	53.37	-27	43	02.0	20.2	VoEL042474
K13L01E	KC2013	06	07.51714	15	32	52.23	-27	43	06.3	19.9	VoEL042474
K13L01E	KC2013	06	07.51955	15	32	51.06	-27	43	11.0	20.4	VoEL042474
K13L01E	KC2013	06	07.52196	15	32	49.94	-27	43	15.3	20.3	VoEL042474
K13L01E	C2013	06	07.97321	15	29	23.21	-27	57	27.3	20.4	VuEL042807
K13L01E	C2013	06	07.97569	15	29	22.01	-27	57	32.4	19.9	VuEL042807

K13L01E	C2013 06 07.97817 15 29 20.80 -27 57 37.2	19.7 VuEL042807
K13L01E	C2013 06 07.98065 15 29 19.61 -27 57 41.9	19.9 VuEL042807
K13L01E	C2013 06 07.98313 15 29 18.41 -27 57 47.0	20.3 VuEL042807
K13L02D	C2013 06 07.95291 13 59 47.20 -40 55 43.2	17.9 VuEL042807
K13L02D	C2013 06 07.95536 13 59 51.55 -40 56 58.1	18.0 VuEL042807
K13L02D	C2013 06 07.95658 13 59 53.74 -40 57 35.6	18.0 VuEL042807
K13L02D	C2013 06 07.96024 14 00 00.22 -40 59 26.7	17.7 VuEL042807
K13L02D	C2013 06 07.96268 14 00 04.57 -41 00 41.7	17.7 VuEL042807
01866	C2013 06 08.87836 12 44 15.57 +34 10 40.4	17.2 RaEL042233
01866	C2013 06 08.88338 12 44 15.49 +34 10 35.8	17.1 RaEL042233
01866	C2013 06 08.88840 12 44 15.43 +34 10 31.2	17.0 RaEL042233
05653	C2013 06 08.43725 22 09 34.77 -20 16 27.3	20.4 VuEL042807
05653	C2013 06 08.43968 22 09 34.82 -20 16 27.4	20.3 VuEL042807
05653	C2013 06 08.44212 22 09 34.87 -20 16 27.4	20.3 VuEL042807
05653	C2013 06 08.44455 22 09 34.94 -20 16 27.3	20.3 VuEL042807
07888	C2013 06 09.21670 14 22 12.63 +32 03 53.6	17.7 rEL042718
07888	C2013 06 09.22374 14 22 12.83 +32 03 43.2	17.6 rEL042718
07888	C2013 06 09.23077 14 22 13.06 +32 03 33.0	17.6 rEL042718
D7199	C2013 06 07.91517 18 14 19.18 +09 17 15.9	15.4 RqEL042K20
D7199	C2013 06 07.91997 18 14 18.61 +09 16 59.3	15.6 RqEL042K20
D7199	C2013 06 07.92439 18 14 18.06 +09 16 44.1	15.5 RqEL042K20
D7199	C2013 06 07.92756 18 14 17.68 +09 16 33.4	15.5 RqEL042K20
D7199	C2013 06 07.93101 18 14 17.28 +09 16 21.6	15.6 RqEL042K20
D7199	C2013 06 07.93442 18 14 16.84 +09 16 09.8	15.5 RqEL042K20
D7199	C2013 06 07.93789 18 14 16.41 +09 15 57.7	15.3 RqEL042K20
D7199	C2013 06 07.94178 18 14 15.96 +09 15 44.8	15.6 RqEL042K20
G3249	JC2013 06 08.36762 17 49 27.58 +25 39 47.0	15.8 RoEL042695
G3249	JC2013 06 08.36961 17 49 27.68 +25 39 59.5	15.9 RoEL042695
G3249	JC2013 06 08.37168 17 49 27.79 +25 40 12.5	15.9 RoEL042695
G3249	JC2013 06 08.37367 17 49 27.89 +25 40 25.0	15.9 RoEL042695
S5263	C2013 06 07.91070 17 21 59.25 +07 23 46.4	12.2 RweL042C23
S5263	C2013 06 07.91253 17 22 00.59 +07 24 01.9	12.2 RweL042C23
S5263	C2013 06 07.91504 17 22 02.44 +07 24 23.3	12.2 RweL042C23
S5263	C2013 06 07.91732 17 22 04.13 +07 24 42.6	12.2 RweL042C23
S5263	n2013 06 07.94433017 22 24.49 +07 28 26.4	11.7 RqEL042Z92
S5263	n2013 06 07.94451217 22 24.63 +07 28 27.9	11.7 RqEL042Z92
S5263	n2013 06 07.94470017 22 24.77 +07 28 29.4	11.7 RqEL042Z92
S5263	n2013 06 07.94490617 22 24.92 +07 28 31.0	11.7 RqEL042Z92
S5263	n2013 06 07.94505817 22 25.04 +07 28 32.3	11.7 RqEL042Z92
S5263	n2013 06 07.95829317 22 34.74 +07 30 24.2	11.8 RqEL042Z92
S5263	n2013 06 07.95851717 22 34.91 +07 30 26.0	11.8 RqEL042Z92
S5263	n2013 06 07.95867117 22 35.03 +07 30 27.2	11.8 RqEL042Z92
S5263	n2013 06 07.95887717 22 35.19 +07 30 28.8	11.8 RqEL042Z92
S5263	n2013 06 07.95901317 22 35.30 +07 30 29.9	11.8 RqEL042Z92
S5263	C2013 06 08.07594 17 23 59.27 +07 46 47.3	12.5 RweL042C23
S5263	C2013 06 08.07891 17 24 01.42 +07 47 11.6	12.4 RweL042C23
S5263	C2013 06 08.08187 17 24 03.56 +07 47 35.9	12.5 RweL042C23
S5263	C2013 06 08.08484 17 24 05.68 +07 48 00.2	12.4 RweL042C23

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