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## MPEC 2014-G36 : DAILY ORBIT UPDATE (2014 APR. 7 UT)

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M.P.E.C. 2014-G36

Issued 2014 Apr. 7, 14:03 UT

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URL <http://www.minorplanetcenter.net/> ISSN 1523-6714

DAILY ORBIT UPDATE (2014 APR. 7 UT)

Update to [MPEC 2014-G29](#)

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

### New identification:

K02AK9Y	K14F56S	MPCW
K03SP1F	K14G30L	MPCW
K03SW4P	K14G17S	MPCW
K05SB5F	K10KB4J	MPCW
K05X54P	K14G26T	MPCW
K05YD6R	K14G19G	MPCW
K06H74K	K14G29X	MPCW
K06H98Z	K14G27T	MPCW
K07O04N	K14G21P	MPCW
K07TP5Q	K14G25K	MPCW
K07V47S	K14G24C	MPCW
K07V51V	K14G22U	MPCW
K08A37O	K14G18A	MPCW
K08C11W	K14G27B	MPCW
	K14G28Z	

K08D75C	K14G18Y	MPCW
K08FC2B	K14G34B	MPCW
K08SJ1C	K14G23C	MPCW
K08UN4T	K14G22H	MPCW
K08W28S	K14G17Y	MPCW
K08W65K	K14G31G	MPCW
K09B68G	K14G24S	MPCW
K09BC9H	K14G18B	MPCW
K09HA4H	K14G18Q	MPCW
K09Y04N	K14G31Y	MPCW
K09Y12J	K14G32R	MPCW
K10RA1T	K14G27R	MPCW
K10T97O	K14G31P	MPCW
K11O16K	K14G18X	MPCW
K11Q22C	K14G21Q	MPCW
K11UC6W	K14G29O	MPCW
K11Ua3A	K14G28S	MPCW
K12TI0K	K14G24Z	MPCW
K12X64N	K14G28C	MPCW
K13AE9T	K14G34A	MPCW

## New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J95S06Z	17.0	0.15	K145N	83.235	75.684	354.436	11.411	0.18118	2.62322	6	X
J98M03E	19.2	0.15	K145N	334.252	165.362	129.526	6.000	0.48369	2.17671	4	X
J99VD6X	17.8	0.15	K145N	285.269	260.718	58.173	6.857	0.13682	2.15812	6	X
K00E36J	17.0	0.15	K145N	4.239	131.801	76.333	6.867	0.17888	2.29599	4	X
K00E98T	18.6	0.15	K145N	9.496	14.540	186.728	1.856	0.14732	2.29146	4	X
K00H03Q	18.8	0.15	K145N	3.232	190.416	41.132	7.327	0.38710	2.30074	3	X
K00J11G	18.3	0.15	K145N	17.251	331.279	230.029	4.748	0.17999	2.30925	5	X
K00WF5O	16.7	0.15	K145N	238.765	333.181	30.757	10.698	0.21449	2.43022	5	X
K01A45L	17.6	0.15	K145N	70.563	20.657	95.872	6.270	0.26798	2.58590	7	X
K01C49P	18.1	0.15	K145N	16.326	58.518	110.276	2.395	0.20931	2.18954	4	X
K01H21J	18.0	0.15	K145N	319.183	83.687	194.137	3.899	0.25561	2.20337	5	X
K01M21Q	16.8	0.15	K145N	301.655	218.393	83.548	8.685	0.32384	2.73071	4	X
K01P52F	17.2	0.15	K145N	227.547	232.863	119.162	7.107	0.16623	2.28871	5	X
K01QP6H	16.4	0.15	K145N	282.552	179.209	144.242	7.005	0.27293	2.77985	6	X
K01SZ5J	17.6	0.15	K145N	103.865	25.859	68.706	6.885	0.17988	2.37549	4	X
K01T89B	16.8	0.15	K145N	228.729	141.107	221.467	5.642	0.12400	2.30662	5	X
K01TG3O	17.2	0.15	K145N	124.271	36.254	25.572	6.490	0.10266	2.37482	6	X
K02AK9Y	16.4	0.15	K145N	274.464	169.094	127.752	7.029	0.12230	2.45892	7	X
K02D09Y	15.6	0.15	K145N	60.541	33.069	113.817	27.612	0.10205	3.17615	5	X
K02J14G	17.2	0.15	K145N	5.696	305.553	237.647	12.828	0.48746	3.36701	3	X
K02J93G	17.2	0.15	K145N	347.872	182.787	53.664	9.584	0.17397	2.53871	4	X
K02L64A	17.4	0.15	K145N	286.381	202.709	115.728	7.173	0.33377	2.57069	5	X
K02N60B	18.4	0.15	K145N	278.105	184.197	129.282	7.210	0.17419	2.13170	4	X
K02P32H	17.3	0.15	K145N	308.087	128.760	177.200	4.650	0.22436	2.58829	6	X
K02PJ4Q	16.6	0.15	K145N	330.345	115.416	132.003	10.360	0.08011	2.63303	7	X
K02PK0M	17.5	0.15	K145N	310.569	264.519	14.257	4.031	0.21763	2.60459	4	X
K02QC6Y	16.9	0.15	K145N	286.040	164.725	134.641	12.881	0.12131	2.65378	6	X
K02QE6A	18.2	0.15	K145N	114.070	260.246	162.391	23.662	0.08595	1.88695	2	X
K02RT2F	16.8	0.15	K145N	322.716	73.714	209.756	12.748	0.25863	2.61780	6	X
K02S55N	16.3	0.15	K145N	166.367	207.060	169.546	10.101	0.22877	2.80823	7	X
K02T07O	16.7	0.15	K145N	316.283	237.868	11.574	8.149	0.05858	2.20745	9	X
K02TO1E	17.7	0.15	K145N	270.846	293.952	27.358	4.938	0.20236	2.16842	4	X
K02TU6H	16.8	0.15	K145N	30.022	126.186	57.931	10.271	0.09377	2.75950	6	X
K02Tc4C	16.8	0.15	K145N	279.017	152.870	140.360	3.461	0.08933	2.76174	6	X
K02U44R	16.6	0.15	K145N	248.043	141.910	211.107	12.330	0.26382	2.68098	5	X
K02U74Q	17.7	0.15	K145N	105.145	44.114	61.623	7.977	0.16786	2.24859	5	X
K02XB5B	17.5	0.15	K145N	173.838	316.066	86.393	23.666	0.08822	1.88899	4	X
K03B31F	16.9	0.15	K145N	23.830	357.278	167.846	1.465	0.29338	3.06571	4	X
K03E11Z	17.5	0.15	K145N	26.729	79.307	99.451	6.238	0.20642	2.35113	5	X
K03F00G	19.7	0.15	K145N	339.153	312.800	7.076	15.655	0.71513	1.24160	4	X
K03F40G	16.9	0.15	K145N	6.499	276.622	296.602	1.981	0.19115	3.06720	3	X
K03G07M	16.0	0.15	K145N	316.829	241.823	15.477	16.642	0.19593	3.12033	7	X
K03H23H	18.3	0.15	K145N	24.869	147.420	22.925	3.303	0.16367	2.38349	3	X
K03J12B	15.9	0.15	K145N	40.658	331.500	204.905	10.058	0.04581	3.08387	6	X
K03Q79R	20.8	0.15	K145N	89.726	103.143	333.082	17.166	0.30559	1.27866	2	W
K03Q84B	17.3	0.15	K145N	91.367	300.258	154.181	13.487	0.23452	2.62101	6	X
K03SP1F	16.4	0.15	K145N	140.146	28.817	33.454	7.320	0.18782	2.65052	7	X
K03SW4P	17.6	0.15	K145N	127.618	70.138	353.938	10.974	0.11499	2.62317	2	X
K03T19R	16.5	0.15	K145N	218.866	336.602	20.738	14.850	0.18028	2.57223	7	X

K03T38T	16.9	0.15	K145N	9.154	168.828	355.460	15.213	0.06590	2.68449	5	X
K03UE9A	16.2	0.15	K145N	123.799	19.831	70.747	12.856	0.15450	2.64996	7	W
K03WD0G	16.4	0.15	K145N	116.978	9.499	57.268	10.736	0.22204	2.73384	4	X
K03X24A	17.3	0.15	K145N	102.306	21.013	72.715	10.039	0.09743	2.71425	4	X
K03Y77W	16.4	0.15	K145N	82.802	27.543	85.199	10.408	0.11258	2.76960	5	X
K04B47H	17.0	0.15	K145N	52.506	29.452	114.690	9.094	0.16445	2.80500	5	X
K04E58G	17.4	0.15	K145N	10.779	191.438	21.744	6.742	0.10714	2.20274	3	X
K04F28V	17.9	0.15	K145N	241.702	141.282	194.384	21.326	0.03251	1.84374	3	X
K04G32X	16.9	0.15	K145N	50.137	274.599	205.413	23.137	0.23941	2.25936	5	X
K04G63E	17.9	0.15	K145N	314.755	242.699	21.013	7.428	0.17891	2.24695	4	X
K04H57G	17.2	0.15	K145N	8.801	145.038	59.642	7.278	0.16593	2.95211	3	X
K04Q28V	17.6	0.15	K145N	64.919	321.838	179.129	18.899	0.03955	2.40179	4	X
K04R51P	17.2	0.15	K145N	257.786	176.349	156.780	7.280	0.14248	2.35699	4	X
K04R71J	17.3	0.15	K145N	257.368	300.579	25.058	6.077	0.15065	2.37187	8	X
K04RG5B	17.5	0.15	K145N	254.177	121.443	220.414	6.537	0.14171	2.33366	6	X
K04RI3D	17.6	0.15	K145N	304.658	102.803	199.509	5.073	0.23509	2.31473	4	X
K04TH7P	18.6	0.15	K145N	348.625	41.302	193.590	22.927	0.03746	1.92595	3	X
K04X18C	16.4	0.15	K145N	145.196	246.021	175.512	13.853	0.12546	2.51457	4	X
K05C28W	17.0	0.15	K145N	47.076	29.270	131.943	10.875	0.05578	2.63340	7	X
K05EA0V	15.7	0.15	K145N	6.330	62.871	149.976	13.620	0.20571	2.69614	5	X
K05EH9E	17.2	0.15	K145N	328.824	53.607	177.552	12.548	0.08899	2.71716	5	X
K05EI7U	17.8	0.15	K145N	38.676	162.977	1.467	2.733	0.20395	2.71293	4	X
K05EO7G	16.7	0.15	K145N	55.443	354.920	148.772	10.443	0.11005	2.66739	5	X
K05EQ6Z	17.1	0.15	K145N	48.051	303.553	195.989	15.723	0.20346	2.73493	5	X
K05G19W	17.3	0.15	K145N	48.217	288.608	201.731	8.315	0.24329	2.75774	3	X
K05G87A	16.9	0.15	K145N	351.509	178.471	31.657	7.346	0.11853	2.76853	4	X
K05GC9N	17.0	0.15	K145N	41.012	82.651	89.220	5.515	0.04485	2.73594	3	X
K05GH0N	16.8	0.15	K145N	3.832	340.453	225.781	5.567	0.23579	2.74647	3	X
K05GH6J	16.9	0.15	K145N	343.224	98.593	129.435	5.819	0.09700	2.76552	6	X
K05J48Q	16.9	0.15	K145N	222.848	161.540	171.885	6.351	0.07697	2.85960	5	X
K05Q76M	15.9	0.15	K145N	255.412	137.132	151.672	17.922	0.20293	3.05638	5	X
K05QA1Z	15.9	0.15	K145N	202.022	189.515	179.131	10.950	0.04084	3.06925	8	X
K05QD2S	16.1	0.15	K145N	57.874	117.294	11.376	8.947	0.02911	3.16064	6	X
K05QF1Z	20.3	0.15	K145N	54.694	62.998	20.906	4.856	0.58015	1.93686	4	X
K05QJ0E	16.3	0.15	K145N	286.059	108.269	172.564	8.828	0.05418	3.06118	3	X
K05S27P	16.1	0.15	K145N	186.769	178.674	214.611	10.584	0.08661	3.12680	5	X
K05S76K	17.8	0.15	K145N	96.735	72.294	7.330	6.943	0.17142	2.33661	4	X
K05S97A	16.1	0.15	K145N	273.390	299.130	23.234	10.531	0.11616	3.01291	6	X
K05SA9M	18.1	0.15	K145N	50.420	312.214	201.016	3.208	0.05957	2.28344	4	X
K05SB5F	16.1	0.15	K145N	246.921	146.288	196.986	7.010	0.08870	3.06230	6	X
K05SE6K	17.1	0.15	K145N	113.859	72.011	337.506	5.534	0.12938	2.35648	5	X
K05SG0B	16.0	0.15	K145N	205.619	186.961	166.332	23.157	0.08055	3.10181	5	X
K05SJ9O	16.3	0.15	K145N	285.551	107.459	176.778	11.928	0.06686	3.06236	6	X
K05SN3J	15.8	0.15	K145N	265.103	287.629	35.925	11.589	0.08963	3.12229	7	X
K05SN5E	17.3	0.15	K145N	165.206	30.598	23.502	7.279	0.08676	2.26463	4	X
K05SN6G	18.2	0.15	K145N	302.656	340.301	320.561	1.773	0.17676	2.18973	7	X
K05SR0V	15.8	0.15	K145N	214.695	223.884	133.839	8.737	0.17516	3.11121	6	X
K05T20X	16.2	0.15	K145N	274.375	105.208	193.400	8.478	0.08425	3.07825	5	X
K05T89V	18.2	0.15	K145N	294.176	127.206	157.666	3.170	0.17175	2.20422	4	X
K05UB4D	18.0	0.15	K145N	74.105	72.667	28.805	2.676	0.17795	2.39821	4	X
K05UH7H	17.6	0.15	K145N	263.124	302.149	23.293	3.327	0.20568	2.23321	5	X
K05UU0K	15.4	0.15	K145N	318.602	191.161	72.661	20.640	0.08283	3.21039	6	X
K05UW5V	18.0	0.15	K145N	322.477	54.698	198.472	7.539	0.10252	2.25095	3	X
K05Ua4T	15.7	0.15	K145N	216.333	299.069	62.782	9.911	0.04279	3.21280	4	X
K05Ua7F	17.5	0.15	K145N	350.605	152.421	73.128	8.485	0.10554	2.28580	5	X
K05Ud3T	17.2	0.15	K145N	79.531	64.373	44.600	12.016	0.25204	2.35974	4	X
K05U18O	15.6	0.15	K145N	62.973	285.194	228.680	10.076	0.03714	3.24867	5	X
K05Up8F	16.2	0.15	K145N	231.388	179.897	164.546	13.327	0.12573	3.16264	4	X
K05V01F	17.7	0.15	K145N	103.226	280.592	173.480	4.151	0.09196	2.32215	5	X
K05W86S	17.3	0.15	K145N	120.128	3.966	75.956	7.035	0.08895	2.34293	3	X
K05X54P	17.6	0.15	K145N	296.302	22.792	274.383	2.891	0.09923	2.27187	6	X
K05Y11K	18.0	0.15	K145N	39.104	127.487	32.154	1.842	0.12669	2.40426	5	X
K05YA9T	18.1	0.15	K145N	30.674	7.492	152.875	2.805	0.13811	2.44515	4	X
K05YD6R	18.6	0.15	K145N	45.541	177.353	332.824	2.819	0.15956	2.43246	2	X
K06A69N	17.7	0.15	K145N	21.507	159.915	23.046	3.594	0.12701	2.42506	7	X
K06B65M	18.0	0.15	K145N	345.181	197.794	27.053	1.405	0.13377	2.43107	6	X
K06E34O	17.1	0.15	K145N	285.927	244.773	19.105	9.666	0.07948	2.55894	3	X
K06G19N	15.4	0.15	K145N	312.443	192.673	81.464	4.054	0.14120	4.00864	3	X
K06H28H	17.1	0.15	K145N	316.182	107.814	155.710	14.707	0.09532	2.58422	3	X
K06H61S	16.5	0.15	K145N	43.049	63.121	26.108	28.974	0.41152	2.59140	3	X
K06H74K	17.1	0.15	K145N	147.577	216.714	200.627	9.765	0.17237	2.57324	3	X
K06H98Z	18.1	0.15	K145N	29.397	124.246	64.107	3.206	0.13097	2.53444	3	X

K06J14A	16.9	0.15	K145N	86.103	171.433	321.867	0.917	0.02270	2.54174	6 X
K06J35U	18.1	0.15	K145N	4.912	18.131	174.007	3.698	0.14241	2.59287	3 X
K06J81B	16.6	0.15	K145N	82.760	273.519	213.877	14.790	0.11208	2.57150	6 X
K06K13N	17.4	0.15	K145N	313.402	81.605	178.432	12.317	0.16852	2.57799	5 X
K06M04U	17.9	0.15	K145N	315.899	80.808	183.227	12.451	0.15259	2.59521	3 X
K06Q58Q	16.0	0.15	K145N	294.587	261.183	8.888	16.803	0.09854	2.81289	3 X
K06R70O	15.7	0.15	K145N	111.750	49.172	359.618	9.544	0.06941	3.07348	4 X
K06R87M	17.3	0.15	K145N	306.899	263.010	15.330	6.204	0.27626	2.73479	3 X
K06RB6L	16.9	0.15	K145N	35.746	181.201	331.362	1.318	0.20360	3.05369	3 X
K06S17C	16.8	0.15	K145N	324.615	87.162	205.347	12.918	0.27921	2.66213	4 X
K06S66H	16.5	0.15	K145N	150.341	204.756	200.070	1.293	0.10782	2.94875	7 W
K06SL9Q	16.3	0.15	K145N	132.590	35.911	351.337	15.223	0.07339	3.03474	6 X
K06SV3F	16.7	0.15	K145N	67.108	71.138	28.519	10.772	0.07406	3.11051	2 X
K06Sd8Y	16.6	0.15	K145N	53.473	285.810	193.476	22.611	0.28707	3.16909	3 X
K06Se7E	17.1	0.15	K145N	80.455	11.870	94.214	2.723	0.04110	3.04906	4 X
K06T42Y	16.4	0.15	K145N	87.734	248.735	220.497	9.111	0.19884	3.13260	4 X
K06TA3C	16.3	0.15	K145N	356.858	188.592	23.163	9.319	0.03280	2.97077	5 X
K06TB2U	16.5	0.15	K145N	250.751	187.367	127.731	10.346	0.09817	2.93546	7 X
K06TC0M	16.6	0.15	K145N	227.645	206.409	139.650	9.100	0.07095	2.91471	5 X
K06TC1V	16.2	0.15	K145N	120.590	15.055	56.688	18.256	0.15531	3.12702	4 X
K06UM8Y	15.5	0.15	K145N	170.022	188.458	217.299	17.405	0.19288	3.00004	5 X
K06UU6S	16.4	0.15	K145N	191.949	198.863	160.059	2.378	0.04907	2.90357	7 X
K06VE6L	16.0	0.15	K145N	108.025	245.262	201.327	9.319	0.07323	3.13322	7 X
K06W21S	16.2	0.15	K145N	208.951	278.781	85.127	11.895	0.12127	3.01215	5 X
K06W33Z	16.3	0.15	K145N	169.200	317.604	76.824	10.476	0.08731	3.04828	5 X
K06W75R	16.0	0.15	K145N	273.888	208.898	74.591	2.002	0.17318	3.03479	7 X
K06W83N	16.6	0.15	K145N	177.422	298.155	91.123	10.433	0.07714	3.06586	4 X
K06WA8S	16.6	0.15	K145N	118.974	356.380	73.875	8.405	0.15582	3.17502	4 X
K06WD2S	16.6	0.15	K145N	270.147	58.237	236.421	0.565	0.05704	3.03908	5 X
K06WD4G	16.7	0.15	K145N	216.297	319.130	23.193	10.167	0.11419	2.98583	6 X
K06WH1D	16.3	0.15	K145N	78.623	44.629	74.820	10.719	0.05616	3.14459	6 X
K07B08W	17.8	0.15	K145N	359.726	178.399	24.508	2.511	0.11415	2.24477	6 X
K07B37K	17.8	0.15	K145N	327.643	121.527	132.035	1.549	0.13868	2.20474	7 X
K07DA9D	17.7	0.15	K145N	322.804	73.803	165.516	6.292	0.19900	2.32318	6 X
K07E12C	17.9	0.15	K145N	54.006	81.699	51.524	3.435	0.16332	2.28423	5 X
K07E69X	17.5	0.15	K145N	286.769	131.291	159.071	5.779	0.16871	2.31296	4 X
K07EE7E	17.8	0.15	K145N	159.974	255.067	143.083	5.654	0.11137	2.28111	5 X
K07EK6Z	16.9	0.15	K145N	74.448	5.604	125.892	7.607	0.03402	2.26365	6 X
K07F03U	17.4	0.15	K145N	17.332	50.818	124.129	8.123	0.17865	2.31012	2 X
K07G20Z	18.5	0.15	K145N	350.847	19.837	202.166	3.252	0.18235	2.33902	2 X
K07G62F	17.3	0.15	K145N	31.490	162.977	11.397	7.650	0.04447	2.33467	5 X
K07H26O	18.1	0.15	K145N	321.844	184.272	72.555	2.240	0.15666	2.33889	4 X
K07J11Q	16.9	0.15	K145N	111.148	39.784	45.146	22.711	0.12089	2.37003	4 X
K07J17B	18.0	0.15	K145N	349.580	63.505	155.390	2.542	0.16671	2.36228	6 X
K07O04N	16.6	0.15	K145N	210.318	126.945	232.794	7.808	0.11781	2.53150	4 X
K07O10V	17.5	0.15	K145N	332.790	319.504	309.813	4.083	0.20793	2.40260	5 X
K07P45U	17.0	0.15	K145N	277.676	133.935	142.778	8.397	0.19168	2.54618	6 X
K07RC3Y	17.2	0.15	K145N	253.049	63.992	249.546	6.025	0.20981	2.57330	4 X
K07RJ2H	17.2	0.15	K145N	309.342	94.809	212.124	12.003	0.30770	2.39671	5 X
K07RM2A	17.5	0.15	K145N	236.328	320.615	8.359	23.431	0.04659	1.90037	4 X
K07RT6Q	17.0	0.15	K145N	172.237	3.609	16.140	5.878	0.06335	2.70927	5 X
K07RU9P	17.6	0.15	K145N	182.645	193.780	169.019	23.150	0.02680	1.91341	6 X
K07T13R	15.9	0.15	K145N	236.576	314.504	53.148	14.609	0.18826	2.60551	4 X
K07T58B	16.7	0.15	K145N	46.486	114.433	36.679	5.600	0.09712	2.79454	3 X
K07TAlL	17.4	0.15	K145N	349.194	183.449	30.864	12.395	0.04669	2.67365	3 X
K07TC9H	16.9	0.15	K145N	302.916	264.347	38.098	16.142	0.17296	2.54718	4 X
K07TF4T	16.1	0.15	K145N	172.892	191.640	212.432	14.242	0.11008	2.65330	5 X
K07TJ8U	16.4	0.15	K145N	307.399	234.132	17.412	10.784	0.04998	2.70238	4 X
K07TP5Q	16.6	0.15	K145N	164.498	165.195	228.942	8.742	0.10309	2.71945	4 X
K07TY8R	17.1	0.15	K145N	175.368	235.098	152.511	12.034	0.21426	2.60757	7 X
K07U25F	16.8	0.15	K145N	308.731	238.282	45.754	17.616	0.19873	2.58994	5 X
K07U43B	17.2	0.15	K145N	121.794	233.545	195.793	3.512	0.08207	2.77039	6 W
K07V47S	17.3	0.15	K145N	189.563	77.298	299.427	5.205	0.02345	2.74471	6 X
K07V51V	17.0	0.15	K145N	248.121	39.402	281.840	4.156	0.02482	2.73812	4 X
K07V54E	16.3	0.15	K145N	242.538	136.770	217.510	12.922	0.17580	2.60960	4 X
K07VF2R	16.8	0.15	K145N	251.301	245.418	77.875	12.179	0.06364	2.71030	5 X
K07VF9Z	16.6	0.15	K145N	332.307	145.482	87.906	7.192	0.00680	2.76618	7 X
K07VJ2N	16.3	0.15	K145N	94.661	357.629	90.414	9.503	0.21153	3.01011	3 X
K07VS2F	16.1	0.15	K145N	312.133	38.584	238.369	13.064	0.07755	2.67603	5 X
K07VS4S	17.1	0.15	K145N	291.731	216.255	68.875	7.308	0.02211	2.74869	4 X
K07VV4Q	16.3	0.15	K145N	238.130	236.380	99.589	7.214	0.06850	2.69635	6 X
K07W52O	16.5	0.15	K145N	109.944	304.468	132.736	9.233	0.17687	3.05746	5 X

K07X53E	15.5	0.15	K145N	330.423	287.272	305.480	12.815	0.17405	3.07276	4	X
K07Y63A	16.9	0.15	K145N	115.516	320.188	122.257	10.191	0.12115	3.00952	5	X
K08A01L	16.1	0.15	K145N	37.869	83.113	85.234	10.786	0.02985	2.96291	5	X
K08A28F	15.9	0.15	K145N	335.208	103.100	151.197	13.841	0.26226	3.17719	6	X
K08A37O	17.1	0.15	K145N	77.331	154.273	310.125	2.553	0.17777	3.08865	3	X
K08A48V	16.5	0.15	K145N	105.510	344.774	106.616	12.550	0.11138	2.96341	4	X
K08A94F	16.3	0.15	K145N	258.570	210.562	116.581	9.889	0.16952	2.86130	7	X
K08B11Y	16.7	0.15	K145N	37.496	48.606	111.929	8.750	0.17854	3.08447	5	X
K08B20U	16.2	0.15	K145N	135.096	274.837	148.302	11.113	0.10959	3.07551	5	X
K08C11W	15.9	0.15	K145N	78.263	346.813	131.868	10.159	0.01985	3.12381	4	X
K08C19D	16.4	0.15	K145N	337.888	85.583	157.555	16.314	0.18197	3.16442	6	X
K08C50A	15.7	0.15	K145N	103.796	312.452	126.038	9.767	0.20045	3.08969	7	X
K08CA5W	15.6	0.15	K145N	84.944	104.824	3.052	9.144	0.04637	3.12764	7	X
K08CH4U	16.8	0.15	K145N	320.567	72.662	184.686	8.687	0.13523	3.08776	5	X
K08CI3V	15.4	0.15	K145N	62.542	27.006	116.338	10.510	0.01916	3.17729	4	X
K08CJ1L	16.6	0.15	K145N	77.824	326.321	159.324	13.553	0.06822	3.09626	4	X
K08CJ2D	16.4	0.15	K145N	116.209	285.078	148.415	11.534	0.22294	3.13728	7	X
K08CJ2H	16.5	0.15	K145N	5.395	35.696	166.869	15.022	0.19158	3.21175	3	X
K08D56K	16.0	0.15	K145N	77.235	86.856	20.107	18.093	0.16508	3.17382	4	X
K08D62Y	16.1	0.15	K145N	130.748	286.788	146.102	10.610	0.05714	3.12494	7	X
K08D75C	16.2	0.15	K145N	33.656	166.500	355.264	10.253	0.15271	3.16416	2	X
K08D88X	15.7	0.15	K145N	242.658	172.886	160.410	14.528	0.15504	3.11518	6	X
K08E07K	16.2	0.15	K145N	27.644	120.802	47.727	14.844	0.20654	3.19822	3	X
K08E56N	16.6	0.15	K145N	325.812	104.663	151.796	10.802	0.17065	3.08415	4	X
K08F10O	16.4	0.15	K145N	95.704	276.370	180.083	9.144	0.07379	3.17157	5	X
K08F25J	16.9	0.15	K145N	345.234	190.803	57.321	2.633	0.17176	3.11731	4	X
K08FA5J	16.9	0.15	K145N	349.352	126.497	116.438	3.685	0.09260	3.18453	5	X
K08FC2B	16.7	0.15	K145N	12.538	41.187	176.620	17.109	0.18433	3.16920	3	X
K08G94P	17.1	0.15	K145N	29.714	17.841	170.965	0.688	0.11178	3.17755	3	W
K08GA4Y	15.6	0.15	K145N	245.226	280.534	47.809	15.665	0.14389	3.38405	4	X
K08R43U	13.8	0.15	K145N	151.399	18.758	5.643	6.778	0.10155	5.30324	6	X
K08SB8B	17.1	0.15	K145N	231.794	338.676	14.934	4.197	0.06618	2.34104	6	X
K08SJ1C	18.3	0.15	K145N	323.174	273.615	340.629	7.306	0.07846	2.31176	2	X
K08ST4B	17.7	0.15	K145N	283.323	192.269	127.337	6.958	0.28150	2.21535	5	X
K08T05Y	17.5	0.15	K145N	235.584	333.481	8.685	6.821	0.13075	2.33993	2	X
K08T48K	17.6	0.15	K145N	279.285	294.610	7.460	6.869	0.21386	2.23599	4	X
K08TF8R	14.0	0.15	K145N	68.944	284.792	196.075	24.511	0.08356	5.19159	3	X
K08U91A	16.7	0.15	K145N	108.959	287.924	140.300	10.238	0.32436	2.60313	4	X
K08U92K	16.4	0.15	K145N	88.012	32.718	65.140	13.305	0.22742	2.54546	6	X
K08UI2T	17.6	0.15	K145N	316.811	156.938	78.348	2.625	0.13903	2.45168	7	X
K08UN4T	17.5	0.15	K145N	247.398	86.276	235.941	6.642	0.02985	2.38151	6	X
K08UQ4B	17.2	0.15	K145N	201.122	331.008	39.465	5.295	0.18774	2.30175	5	X
K08UT2V	17.0	0.15	K145N	259.376	63.135	241.811	6.134	0.13412	2.31013	5	X
K08UZ1V	16.6	0.15	K145N	92.318	1.105	89.889	10.130	0.22886	2.70712	4	X
K08V34D	17.4	0.15	K145N	86.903	264.504	185.421	4.777	0.23156	2.61691	5	X
K08V79U	16.5	0.15	K145N	94.285	27.227	56.896	13.154	0.28117	2.65993	4	X
K08W13G	16.9	0.15	K145N	192.278	295.415	83.359	12.961	0.24187	2.43280	3	X
K08W28S	17.9	0.15	K145N	257.016	110.933	221.208	3.991	0.25102	2.31753	3	X
K08W65K	17.8	0.15	K145N	311.033	248.719	31.371	7.489	0.12275	2.33631	3	X
K08WD6A	17.1	0.15	K145N	76.785	15.186	94.029	7.946	0.17597	2.65153	4	X
K08Y00K	16.9	0.15	K145N	172.074	324.915	67.394	7.974	0.08145	2.60787	5	X
K09B16Z	16.7	0.15	K145N	112.684	9.334	92.850	3.290	0.11922	2.61797	7	X
K09B68G	17.5	0.15	K145N	86.033	135.153	322.751	7.162	0.18512	2.78786	2	X
K09BB0T	16.8	0.15	K145N	272.647	272.554	31.099	3.965	0.08162	2.76511	4	X
K09BC9H	17.1	0.15	K145N	157.853	47.965	351.573	5.435	0.12583	2.71861	4	X
K09BH1L	17.1	0.15	K145N	5.307	207.556	10.993	2.686	0.12105	2.72182	4	X
K09D11T	16.3	0.15	K145N	53.054	355.961	148.218	10.989	0.14255	2.76700	5	X
K09D59Y	16.6	0.15	K145N	39.965	27.310	140.858	8.370	0.00607	2.81335	6	X
K09D64W	16.6	0.15	K145N	66.216	297.347	178.817	12.095	0.10494	2.93932	4	X
K09DA9B	16.7	0.15	K145N	92.769	318.010	141.946	14.102	0.15581	2.79207	4	X
K09DC4E	17.2	0.15	K145N	34.474	135.732	347.244	10.195	0.21852	3.00321	3	X
K09DD4N	15.8	0.15	K145N	18.866	315.604	204.288	29.224	0.23053	3.07855	5	X
K09DE1P	17.0	0.15	K145N	12.266	153.913	10.754	11.444	0.12541	3.00974	2	X
K09F13L	16.1	0.15	K145N	322.018	211.263	357.586	10.136	0.01502	3.04048	5	X
K09F26C	17.2	0.15	K145N	42.479	356.507	151.221	10.052	0.24604	2.79427	5	X
K09F72W	16.6	0.15	K145N	83.101	54.243	49.365	2.240	0.03319	3.02381	4	X
K09G06E	16.5	0.15	K145N	39.104	89.132	67.611	8.940	0.13590	2.98030	5	X
K09G06F	15.9	0.15	K145N	281.589	212.105	109.979	10.067	0.32780	3.04708	6	X
K09H15W	15.7	0.15	K145N	96.671	269.442	156.025	12.092	0.05418	3.12229	5	X
K09H22R	15.9	0.15	K145N	212.682	164.821	175.321	11.116	0.07777	3.11434	5	X
K09H32A	16.4	0.15	K145N	88.402	29.237	81.714	6.751	0.13763	2.93803	4	X
K09H39C	16.3	0.15	K145N	343.803	121.803	119.552	7.906	0.23484	2.96942	7	X

K09H49O	17.1	0.15	K145N	57.879	22.404	100.272	7.744	0.18669	2.93965	5	X
K09H82Q	17.8	0.15	K145N	158.899	15.761	33.257	22.127	0.07117	1.87209	3	X
K09H83J	16.3	0.15	K145N	295.014	161.127	122.368	11.246	0.06866	2.99691	5	X
K09H99R	16.6	0.15	K145N	302.721	63.924	217.722	10.517	0.13097	2.98879	4	X
K09HA0G	17.0	0.15	K145N	15.629	74.764	111.950	8.029	0.20590	3.02814	3	X
K09HA4H	16.5	0.15	K145N	330.968	128.659	131.626	10.754	0.21239	2.98417	5	X
K09J01L	21.0	0.15	K145N	221.465	289.518	69.607	11.508	0.17086	1.17998	2	X
K09J08H	16.2	0.15	K145N	324.656	171.969	80.287	13.621	0.09070	3.01767	4	X
K09J17Z	16.6	0.15	K145N	26.114	87.506	92.172	10.058	0.07445	3.05757	6	X
K09K14G	16.5	0.15	K145N	276.087	151.300	156.014	14.394	0.13305	3.07930	6	X
K09K24C	16.2	0.15	K145N	140.619	253.902	165.945	15.183	0.11837	3.10418	4	X
K09Q21R	15.7	0.15	K145N	334.099	137.476	148.807	28.682	0.23874	3.17006	5	X
K09S08D	14.4	0.15	K145N	67.206	319.798	143.426	4.006	0.10588	5.31193	4	X
K09ST9Z	13.7	0.15	K145N	166.307	260.433	96.548	6.117	0.08478	5.22989	5	X
K09U82P	13.4	0.15	K145N	187.831	293.991	70.071	11.609	0.02745	5.19771	5	X
K09W37J	17.7	0.15	K145N	53.083	102.049	54.550	8.043	0.10420	2.21540	4	X
K09Y04N	18.0	0.15	K145N	31.835	91.237	86.618	5.224	0.18321	2.35014	3	X
K09Y12J	18.2	0.15	K145N	18.513	124.531	78.527	5.979	0.15961	2.28137	3	X
K10A49U	17.2	0.15	K145N	342.965	44.513	177.700	5.211	0.18050	2.41406	4	X
K10A53J	18.0	0.15	K145N	70.770	309.992	159.462	5.119	0.15474	2.41845	5	X
K10A62H	17.7	0.15	K145N	122.537	324.719	103.780	5.104	0.17479	2.28613	5	X
K10A70F	16.9	0.15	K145N	87.849	83.008	359.441	5.978	0.12096	2.41822	7	X
K10A80R	17.4	0.15	K145N	37.491	345.147	174.521	1.307	0.12863	2.37232	7	X
K10CB4X	17.7	0.15	K145N	51.072	147.631	15.445	2.872	0.12590	2.36437	7	X
K10CG1S	17.5	0.15	K145N	39.444	143.665	343.133	9.329	0.14676	2.58487	5	X
K10CI2B	17.9	0.15	K145N	343.219	61.302	171.570	2.586	0.14817	2.41560	5	X
K10CI3M	17.7	0.15	K145N	20.017	3.497	150.937	6.474	0.22889	2.58421	3	X
K10DI2H	16.6	0.15	K145N	35.835	44.931	134.622	21.463	0.15107	2.38534	5	X
K10E20H	18.0	0.15	K145N	315.971	207.648	120.782	23.888	0.52356	2.62112	3	X
K10E68S	17.5	0.15	K145N	357.404	161.475	71.748	2.429	0.14248	2.43697	6	X
K10E80T	16.7	0.15	K145N	276.784	155.952	165.715	12.781	0.27477	2.41364	5	X
K10ED5W	17.5	0.15	K145N	341.906	59.252	172.909	7.632	0.12609	2.56364	2	X
K10ED8J	16.9	0.15	K145N	6.093	166.310	34.080	16.075	0.05857	2.56935	4	X
K10G25M	16.6	0.15	K145N	342.624	71.957	149.430	7.764	0.16498	2.60214	5	X
K10G32N	17.1	0.15	K145N	5.023	111.412	95.942	7.482	0.15773	2.54839	6	X
K10G32Q	17.7	0.15	K145N	336.879	147.237	102.348	3.979	0.13166	2.51830	4	X
K10G65F	7.2	0.15	K145N	333.135	284.817	0.435	12.410	0.33561	33.27258	2	W
K10GB5A	17.7	0.15	K145N	52.474	124.978	24.539	5.808	0.19055	2.53535	5	X
K10GB7G	16.9	0.15	K145N	28.549	45.550	143.938	6.804	0.01535	2.57551	9	X
K10GE7B	17.2	0.15	K145N	288.986	170.590	127.763	6.669	0.17323	2.54343	9	X
K10H78K	16.5	0.15	K145N	117.614	232.582	218.823	21.255	0.14114	2.57436	5	X
K10JB4V	16.8	0.15	K145N	332.969	189.764	56.205	15.321	0.12768	2.58506	4	X
K10JF4E	17.2	0.15	K145N	44.041	101.147	44.923	13.819	0.19984	2.60078	4	X
K10K81Z	16.2	0.15	K145N	256.266	154.026	157.766	5.442	0.18059	3.15953	6	X
K10L15R	15.7	0.15	K145N	173.763	197.459	153.409	23.121	0.10403	3.09094	6	X
K10L34W	16.7	0.15	K145N	25.272	345.566	206.902	11.766	0.05847	2.62691	6	X
K10L67Q	16.7	0.15	K145N	357.148	123.116	101.283	5.022	0.17033	2.58562	6	X
K10LD0Z	15.5	0.15	K145N	278.794	292.825	4.396	25.922	0.24249	3.08246	4	X
K10NO3G	17.0	0.15	K145N	349.417	194.382	64.122	26.957	0.56704	2.60466	2	X
K10O06N	16.0	0.15	K145N	300.711	271.476	17.477	25.757	0.22060	3.12139	2	X
K10R96Q	16.0	0.15	K145N	277.572	314.219	14.606	4.543	0.19249	3.06146	4	X
K10RA1T	16.5	0.15	K145N	317.785	78.824	203.023	11.782	0.17461	3.06265	6	X
K10RC4A	16.1	0.15	K145N	280.336	130.344	180.734	26.715	0.17877	3.12374	4	X
K10T97O	16.8	0.15	K145N	313.716	252.922	20.023	12.855	0.11364	3.20951	3	X
K11C02K	17.2	0.15	K145N	56.146	57.547	88.529	23.982	0.08788	1.91677	4	X
K11C50H	21.8	0.15	K145N	15.734	269.171	282.409	1.751	0.48463	2.09557	2	X
K11C66B	17.1	0.15	K145N	357.754	226.022	6.888	31.557	0.24951	2.00017	5	X
K11E12A	17.0	0.15	K145N	187.723	274.905	121.294	23.292	0.11987	1.92989	6	X
K11G69F	18.3	0.15	K145N	293.628	141.439	157.028	1.765	0.20524	2.11474	4	X
K11H22C	18.1	0.15	K145N	25.489	37.642	114.965	3.787	0.10377	2.23969	4	X
K11H70H	18.3	0.15	K145N	305.858	251.540	21.278	3.253	0.17375	2.15799	2	X
K11O16K	16.9	0.15	K145N	254.412	232.475	94.052	5.315	0.17496	2.42260	8	X
K11O17K	16.1	0.15	K145N	295.145	286.139	339.773	12.629	0.21111	2.42719	7	X
K11O20R	18.0	0.15	K145N	321.569	155.210	116.947	5.547	0.22774	2.24604	6	X
K11O23S	18.2	0.15	K145N	341.155	173.267	77.484	4.434	0.18233	2.22747	4	X
K11O27S	17.0	0.15	K145N	294.528	278.731	343.275	5.985	0.18467	2.42984	6	X
K11P11E	17.3	0.15	K145N	307.897	160.984	137.401	9.246	0.29598	2.27014	4	X
K11Q22C	18.4	0.15	K145N	287.572	358.094	309.454	4.704	0.24115	2.35101	2	X
K11Q34V	17.2	0.15	K145N	252.477	148.483	184.779	4.483	0.18873	2.42618	6	X
K11Q42W	17.9	0.15	K145N	337.608	263.663	347.484	3.010	0.09555	2.39152	6	X
K11R10Z	17.2	0.15	K145N	214.055	166.008	186.661	6.429	0.08014	2.72710	5	X
K11R11P	16.9	0.15	K145N	207.970	164.642	192.999	6.030	0.06209	2.81386	6	X

K11R17Z	16.4	0.15	K145N	75.003	258.088	205.474	12.180	0.04584	3.21453	7	X
K11S04W	17.9	0.15	K145N	284.336	128.090	196.570	4.400	0.24286	2.36472	6	X
K11S43Z	18.2	0.15	K145N	307.524	47.586	251.278	1.709	0.24365	2.32553	4	X
K11S51B	17.7	0.15	K145N	297.055	289.242	17.003	1.408	0.19606	2.39277	4	X
K11S74C	16.4	0.15	K145N	217.329	162.139	209.827	14.986	0.15714	2.61880	4	X
K11S89R	16.3	0.15	K145N	161.767	27.044	6.468	11.549	0.06113	3.10540	4	X
K11S95H	17.3	0.15	K145N	138.765	108.869	314.699	1.133	0.05510	2.89981	3	X
K11SA8X	16.3	0.15	K145N	278.659	278.311	344.994	8.540	0.09448	2.84480	5	X
K11SB0X	16.7	0.15	K145N	259.302	294.081	14.732	3.549	0.16738	2.72347	6	X
K11SB6Q	16.8	0.15	K145N	257.652	295.852	23.392	8.869	0.11338	2.62362	6	X
K11SG9T	15.9	0.15	K145N	73.179	105.506	21.880	11.435	0.04311	3.08141	3	X
K11SI8U	15.5	0.15	K145N	330.218	223.124	26.669	34.742	0.17270	2.77930	6	X
K11SP0C	16.4	0.15	K145N	307.476	255.687	13.379	15.143	0.12229	2.66511	5	X
K11SQ5C	17.2	0.15	K145N	217.974	165.717	193.157	6.295	0.06573	2.75484	8	X
K11SQ8W	16.2	0.15	K145N	162.310	1.979	28.583	11.190	0.11094	3.07309	7	X
K11TI13C	16.3	0.15	K145N	295.798	295.341	336.114	2.816	0.07828	2.98691	7	X
K11U30F	16.5	0.15	K145N	268.659	275.923	55.163	12.704	0.19581	2.67352	5	X
K11UC6W	16.8	0.15	K145N	293.649	265.009	35.716	11.980	0.17748	2.69116	3	X
K11UD5N	17.9	0.15	K145N	317.050	79.364	209.254	15.258	0.25529	2.41614	5	X
K11UE0Z	15.8	0.15	K145N	175.065	324.612	62.216	11.193	0.02563	3.14829	5	X
K11UG2A	16.0	0.15	K145N	240.582	269.397	80.550	13.156	0.26146	2.76544	7	X
K11UI5Q	15.7	0.15	K145N	107.720	48.783	66.598	22.240	0.11605	3.19684	5	X
K11UJ6T	16.1	0.15	K145N	225.252	332.659	22.210	10.690	0.05188	3.00918	5	X
K11UK5W	16.9	0.15	K145N	270.524	232.572	94.714	10.254	0.24407	2.47066	5	X
K11UL1S	16.5	0.15	K145N	343.992	247.202	358.276	9.297	0.11223	2.71908	6	X
K11US3Y	16.5	0.15	K145N	255.908	268.616	63.507	12.090	0.19595	2.71012	4	X
K11UT0V	16.0	0.15	K145N	191.289	243.736	123.368	9.809	0.07962	3.10914	7	X
K11UU5V	16.4	0.15	K145N	248.146	252.944	79.375	14.046	0.12057	2.72999	5	X
K11UW6L	16.5	0.15	K145N	188.241	231.209	144.504	11.035	0.11520	2.99390	4	X
K11UZ9A	15.9	0.15	K145N	302.126	257.472	28.755	11.023	0.07369	2.98843	5	X
K11Ua3A	16.9	0.15	K145N	261.165	296.211	36.329	5.084	0.10203	2.76737	7	X
K11Ue6P	17.0	0.15	K145N	274.099	218.680	101.638	9.368	0.21207	2.54886	7	X
K11W54R	15.6	0.15	K145N	351.018	161.395	55.409	13.920	0.02410	3.13148	8	X
K11W95M	16.0	0.15	K145N	267.256	260.317	48.843	13.471	0.10910	3.09724	5	X
K11WD0R	15.9	0.15	K145N	252.436	240.779	76.727	11.696	0.04419	3.22704	4	X
K11Y21G	14.8	0.15	K145N	289.991	214.557	95.713	29.780	0.18034	3.16880	4	X
K11Y62A	15.7	0.15	K145N	212.915	298.034	65.920	17.460	0.23397	3.12014	4	X
K12G17X	7.8	0.15	K145N	40.159	243.809	209.220	32.545	0.54243	37.21044	2	W
K12K11E	17.8	0.15	K145N	179.255	198.422	164.020	23.847	0.07680	1.88290	5	X
K12O05T	21.8	0.15	K145N	338.767	147.740	129.204	5.753	0.25961	1.60192	2	X
K12P16U	17.6	0.15	K145N	207.801	19.024	331.822	20.326	0.04525	1.92240	5	X
K12S23D	16.9	0.15	K145N	75.236	274.340	178.485	9.679	0.22122	2.73628	3	X
K12S54Q	16.7	0.15	K145N	95.734	72.261	30.280	12.422	0.21814	2.55692	4	X
K12T06D	17.2	0.15	K145N	125.052	50.036	4.413	12.586	0.15879	2.45398	4	X
K12T15Q	17.7	0.15	K145N	257.180	307.591	28.312	22.176	0.08741	1.89092	5	X
K12T47B	17.6	0.15	K145N	84.945	186.913	268.994	5.300	0.09483	2.39934	4	X
K12T60G	17.3	0.15	K145N	106.817	50.788	30.586	9.002	0.18235	2.43749	4	X
K12TI0K	17.4	0.15	K145N	47.513	143.355	354.150	12.599	0.24431	2.59351	3	X
K12TQ8N	17.5	0.15	K145N	35.988	345.691	155.683	14.140	0.09861	2.60091	2	X
K12TT0Y	16.8	0.15	K145N	58.971	78.796	46.125	13.164	0.16339	2.75000	5	X
K12U05W	17.8	0.15	K145N	343.337	36.691	173.293	3.790	0.14064	2.25221	4	X
K12U28Y	16.0	0.15	K145N	149.645	16.519	12.911	13.236	0.22473	2.56189	4	X
K12U41G	17.7	0.15	K145N	169.535	215.977	182.770	3.175	0.04854	2.17638	6	X
K12U59Y	16.8	0.15	K145N	66.040	92.367	24.840	13.029	0.15771	2.72553	4	X
K12U60T	17.1	0.15	K145N	2.371	159.293	58.543	8.206	0.06392	2.23264	6	X
K12U67O	17.5	0.15	K145N	142.444	210.119	189.230	14.084	0.25793	2.60859	3	X
K12UA5C	15.8	0.15	K145N	72.332	100.417	341.212	15.240	0.14751	3.07086	4	X
K12UF1U	17.2	0.15	K145N	105.301	32.484	56.367	13.818	0.12925	2.57466	4	X
K12UF9C	17.7	0.15	K145N	213.279	325.101	22.985	8.073	0.10123	2.24676	3	X
K12UG1X	15.3	0.15	K145N	357.175	132.405	40.590	28.457	0.21710	3.18889	5	X
K12V21H	16.4	0.15	K145N	48.382	98.251	45.239	12.533	0.17189	2.65438	4	X
K12V26V	17.3	0.15	K145N	121.143	36.041	28.531	5.556	0.09229	2.44850	3	X
K12V51P	17.5	0.15	K145N	4.764	67.772	124.586	3.059	0.01961	2.65900	8	X
K12V60P	17.6	0.15	K145N	53.779	84.056	68.321	6.583	0.12145	2.48485	4	X
K12V61G	17.1	0.15	K145N	52.462	36.541	90.158	1.048	0.19843	3.00884	4	X
K12V61S	16.4	0.15	K145N	107.438	358.144	68.450	6.921	0.16577	2.78838	6	X
K12V86X	16.5	0.15	K145N	34.141	123.793	41.386	14.847	0.13257	2.66092	4	X
K12V88Q	16.7	0.15	K145N	58.101	82.532	73.496	7.854	0.04982	2.35345	5	X
K12V90F	17.5	0.15	K145N	18.252	113.296	72.913	7.896	0.09606	2.53204	6	X
K12V92S	16.5	0.15	K145N	44.633	68.607	75.084	10.197	0.20143	3.04980	5	X
K12V97X	16.3	0.15	K145N	142.858	244.535	133.337	8.469	0.24593	2.75784	6	X
K12VB2S	16.7	0.15	K145N	120.881	300.523	128.641	9.966	0.25162	2.65656	6	X

K12W18Y	15.6	0.15	K145N	76.608	56.869	55.165	22.511	0.04166	2.67429	4	X
K12W29Z	17.7	0.15	K145N	46.184	310.047	215.410	5.098	0.09319	2.39708	5	X
K12X34H	16.7	0.15	K145N	58.328	252.799	246.740	4.385	0.21570	2.98313	6	X
K12X64N	16.9	0.15	K145N	39.228	328.569	206.335	9.184	0.13876	2.58910	5	X
K12X80N	17.1	0.15	K145N	164.382	281.382	114.853	7.459	0.17408	2.40296	4	X
K12XD0T	16.8	0.15	K145N	66.081	32.893	110.276	5.015	0.06708	2.57651	10	X
K12XF7R	5.9	0.15	K145N	44.249	143.030	223.647	30.030	0.23747	48.32193	2	W
K12Y04E	16.6	0.15	K145N	261.312	288.167	37.069	7.151	0.19157	2.48378	5	X
K12Y04V	16.6	0.15	K145N	125.358	340.357	108.414	5.316	0.03249	2.78380	7	X
K13A07U	16.2	0.15	K145N	155.276	275.782	130.151	11.850	0.16257	3.06522	6	X
K13A18A	15.6	0.15	K145N	110.217	343.344	114.104	10.485	0.02360	3.15296	9	X
K13A49V	17.0	0.15	K145N	291.619	281.210	25.668	7.616	0.11682	2.42890	4	X
K13A74D	16.5	0.15	K145N	169.321	24.926	24.020	8.904	0.20042	2.56271	4	X
K13A75B	15.8	0.15	K145N	300.678	240.087	42.302	13.490	0.15649	2.70626	6	X
K13A75F	16.0	0.15	K145N	317.246	244.515	29.216	9.264	0.07738	2.72462	8	X
K13A83J	16.3	0.15	K145N	68.332	71.865	69.409	9.763	0.02694	3.00229	6	X
K13A83P	16.4	0.15	K145N	41.039	299.401	234.778	6.967	0.07051	3.05621	7	X
K13A92M	15.9	0.15	K145N	130.589	303.267	127.033	11.040	0.09271	3.16370	7	X
K13AA1V	16.2	0.15	K145N	183.206	315.393	74.780	7.771	0.06953	2.86198	8	X
K13AA3J	15.8	0.15	K145N	232.288	246.496	95.580	10.741	0.09498	3.12944	5	X
K13AA9C	16.6	0.15	K145N	294.330	151.790	133.250	7.280	0.13152	3.02220	6	X
K13AB8M	16.0	0.15	K145N	227.510	256.034	85.862	9.447	0.08809	3.14687	6	X
K13AC4D	15.6	0.15	K145N	281.354	187.346	110.200	11.607	0.07973	3.11664	10	X
K13AD3L	13.6	0.15	K145N	107.041	258.184	166.192	9.949	0.08584	5.24778	6	X
K13AE9T	16.9	0.15	K145N	353.220	50.970	185.767	9.913	0.23830	3.12996	3	X
K13AG0K	17.1	0.15	K145N	324.054	66.980	204.120	7.459	0.19016	2.79300	6	X
K13B05S	16.1	0.15	K145N	2.671	61.408	144.621	11.790	0.02681	3.11937	6	X
K13B09U	16.3	0.15	K145N	182.431	288.331	92.875	9.058	0.06596	3.00913	5	X
K13B30U	16.3	0.15	K145N	293.898	201.130	83.239	6.789	0.04068	2.95104	5	X
K13B50U	16.0	0.15	K145N	149.195	316.511	93.447	10.336	0.08652	3.16021	8	X
K13B80J	16.4	0.15	K145N	126.774	289.113	141.697	10.337	0.08819	3.16901	4	X
<b>K13C32W</b>	<b>21.9</b>	<b>0.15</b>	<b>K145N</b>	<b>285.716</b>	<b>228.841</b>	<b>132.125</b>	<b>26.055</b>	<b>0.37848</b>	<b>0.90454</b>	<b>2</b>	<b>W</b>
K13C40V	16.5	0.15	K145N	214.019	207.827	151.138	10.950	0.09573	2.99182	5	X
K13CB5F	13.5	0.15	K145N	126.826	279.979	142.250	12.929	0.09972	5.27798	5	X
K13CD2V	16.5	0.15	K145N	240.786	155.015	191.064	1.460	0.10652	2.75386	6	X
K13CD5N	14.9	0.15	K145N	24.860	169.106	25.192	5.332	0.09341	3.92876	8	X
K13CE9M	13.7	0.15	K145N	129.068	283.506	142.295	10.682	0.05773	5.19740	6	X
K13CI0E	15.3	0.15	K145N	111.803	49.132	48.354	28.225	0.20235	3.12633	7	X
K13E00Y	15.7	0.15	K145N	119.387	54.979	37.045	17.609	0.08235	3.04574	6	X
K13E17D	15.6	0.15	K145N	149.728	262.774	150.627	11.538	0.11105	3.37719	5	X
K13N00X	22.1	0.15	K145N	177.284	312.663	112.731	6.322	0.16985	1.03233	2	W
K13T05V	19.2	0.15	K145N	132.208	69.776	351.250	18.777	0.25256	1.33347	2	X
K13X22F	19.2	0.15	K145N	14.104	259.162	272.470	6.139	0.54293	2.55794	2	X
K13Y66G	16.8	0.15	K145N	94.997	134.427	290.385	28.772	0.16307	2.55721	2	X
K14B33D	17.2	0.15	K145N	52.819	237.505	141.492	65.971	0.72685	2.74785	2	X
K14B35W	17.9	0.15	K145N	61.193	332.826	127.459	4.409	0.16204	2.32030	5	X
K14B46Z	17.3	0.15	K145N	29.617	292.659	192.135	1.242	0.32691	3.01609	3	X
K14B47B	17.9	0.15	K145N	53.996	327.848	148.308	6.155	0.11842	2.21431	7	X
K14B47E	17.9	0.15	K145N	357.685	40.383	144.879	2.413	0.07669	2.21932	7	X
K14B63W	17.4	0.15	K145N	46.195	285.568	195.632	1.912	0.14114	2.46896	6	X
K14B64M	16.6	0.15	K145N	41.085	138.420	347.940	12.149	0.07110	2.67319	4	X
K14C03Y	18.0	0.15	K145N	350.800	141.637	52.104	3.094	0.13556	2.35689	5	X
K14C15Q	16.2	0.15	K145N	43.885	311.149	159.336	19.174	0.18939	3.07741	4	X
K14C16F	16.0	0.15	K145N	32.125	155.897	330.755	6.717	0.20652	3.15634	5	X
K14C17B	16.0	0.15	K145N	1.526	8.130	162.670	11.434	0.14811	3.18450	5	X
K14C20H	16.1	0.15	K145N	317.021	71.188	162.936	18.719	0.17246	2.87795	2	X
K14C22M	17.6	0.15	K145N	13.628	349.390	177.125	6.711	0.14771	2.38922	5	X
K14D07X	16.6	0.15	K145N	6.039	187.113	342.203	8.571	0.11922	2.79369	5	X
K14D18M	16.9	0.15	K145N	60.229	119.616	336.677	12.545	0.16849	2.79205	4	X
K14D18V	15.8	0.15	K145N	14.982	352.305	161.871	16.284	0.01898	3.08586	3	X
K14D19J	17.9	0.15	K145N	41.854	296.230	188.903	1.617	0.16819	2.46705	4	X
K14D19Y	18.1	0.15	K145N	34.160	15.455	139.996	1.724	0.12999	2.38224	9	X
K14D20E	17.2	0.15	K145N	76.782	318.217	156.248	4.611	0.03166	2.55748	5	X
K14D20F	18.1	0.15	K145N	351.208	165.417	47.681	1.699	0.12632	2.32246	4	X
K14D23V	16.5	0.15	K145N	202.017	182.110	146.307	14.609	0.07323	2.70724	5	X
K14D27G	18.5	0.15	K145N	15.727	337.566	188.892	1.374	0.15701	2.21143	3	X
K14D42M	16.9	0.15	K145N	293.657	192.281	61.873	4.538	0.06116	2.62938	5	X
K14D54M	16.8	0.15	K145N	59.596	109.309	14.597	3.213	0.07996	2.96339	5	X
K14D55L	16.3	0.15	K145N	308.446	95.884	153.919	4.175	0.06894	3.05420	7	X
K14D55U	16.9	0.15	K145N	327.346	228.833	5.220	8.865	0.10006	2.79227	4	X
K14D64J	17.6	0.15	K145N	138.909	26.331	27.467	6.945	0.05176	2.35634	3	X
K14D87W	15.8	0.15	K145N	93.129	267.516	150.828	18.536	0.12016	3.17578	8	X



K14DE0W	15.9	0.15	K145N	348.303	316.530	247.373	3.509	0.11083	3.01918	9	X
K14E30X	16.7	0.15	K145N	54.648	123.105	11.151	15.299	0.05669	2.64718	2	X

## New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13P21D	19.5	0.15	K145N	60.482	289.430	135.805	34.956	0.55986	1.95230	214	X
K13T05R	19.1	0.15	K145N	341.877	277.779	344.903	46.697	0.12741	0.93141	169	X
K13W44T	19.4	0.15	K145N	25.769	325.774	182.764	12.205	0.56836	2.25959	131	X
K13X21Y	18.9	0.15	K145N	19.920	121.177	11.233	25.014	0.52654	2.68276	104	X
K13X24M	19.0	0.15	K145N	5.900	118.179	99.490	38.348	0.42476	1.66725	87	X
K14A15O	17.1	0.15	K145N	41.343	115.578	350.173	29.624	0.36600	2.61296	96	X
K14A28Y	21.8	0.15	K145N	30.748	22.606	169.629	5.708	0.28254	1.42545	87	X
K14A52Z	18.4	0.15	K145N	25.554	17.615	121.959	18.721	0.56109	3.34283	88	X
K14C13S	24.0	0.15	K145N	109.565	14.397	58.549	0.613	0.32693	1.25538	28	X
K14D00A	22.7	0.15	K145N	82.670	110.142	313.707	2.466	0.48480	1.50587	21	X
K14D07N	20.7	0.15	K145N	7.687	110.732	145.053	23.877	0.65248	1.70460	22	X
K14D07O	23.7	0.15	K145N	24.685	35.149	154.398	13.563	0.40080	1.68521	15	X
K14D07P	20.3	0.15	K145N	57.974	283.213	155.322	23.152	0.48825	2.13655	46	X
K14D10C	20.1	0.15	K145N	7.661	42.135	153.167	13.476	0.65797	2.84144	31	X
K14E12Q	21.1	0.15	K145N	1.331	92.318	178.028	11.016	0.74393	2.63736	30	X
K14E45L	19.9	0.15	K145N	10.161	22.786	174.924	30.867	0.61850	2.85212	27	X
K14E48Z	18.8	0.15	K145N	354.010	82.064	178.821	25.514	0.56406	2.25589	26	X
K14E49D	18.6	0.15	K145N	76.833	2.689	57.919	8.322	0.47036	2.30491	26	X
K14E49R	18.3	0.15	K145N	352.783	160.084	100.296	13.672	0.64203	2.82280	30	X
K14F00F	24.2	0.15	K145N	14.437	22.682	179.368	9.877	0.50323	2.04992	17	X
K14F33C	23.3	0.15	K145N	0.947	58.674	180.416	33.206	0.31392	1.58937	11	X
K14F33H	19.0	0.15	K145N	337.007	176.663	145.959	8.180	0.67950	1.91608	14	X
K14F33K	20.6	0.15	K145N	280.228	328.151	15.796	26.964	0.50358	0.97545	12	X
K14F33L	20.1	0.15	K145N	343.284	169.574	125.573	11.923	0.56754	1.86446	13	X
K14F33N	21.0	0.15	K145N	0.766	116.654	124.543	6.065	0.49610	2.20319	14	X
K14F37Q	21.8	0.15	K145N	49.404	104.953	18.106	27.267	0.46292	1.72115	12	X
K14F38Q	25.1	0.15	K145N	87.794	255.608	187.200	21.131	0.50589	1.20872	9	X
K14F43Y	21.5	0.15	K145N	356.572	51.159	194.746	16.516	0.46545	2.15856	10	X
K14F44B	25.6	0.15	K145N	36.393	344.554	188.789	10.836	0.32438	1.48931	5	X
K14F47N	20.5	0.15	K145N	21.142	359.347	186.674	30.998	0.28161	1.75072	8	X
K14F47P	22.3	0.15	K145N	320.963	271.614	28.889	5.051	0.26074	1.16731	7	X
K14F52R	23.7	0.15	K145N	5.852	196.733	29.092	4.848	0.49172	2.05536	7	X
K14F52S	24.5	0.15	K145N	0.183	133.677	128.175	0.808	0.58582	2.00922	6	X
K14F54H	22.2	0.15	K145N	23.137	48.620	13.997	15.306	0.86994	2.71291	7	X
K14G01G	26.3	0.15	K145N	43.482	335.897	183.001	5.013	0.34479	1.48488	6	X
K14G01J	24.2	0.15	K145N	151.761	40.425	24.072	4.967	0.27323	0.94216	6	X
K14G01L	24.8	0.15	K145N	72.830	60.049	12.468	4.822	0.64715	1.33891	5	X
K14G01N	24.6	0.15	K145N	0.723	80.351	193.073	2.965	0.75011	2.66144	4	X
K14G17G	20.3	0.15	K145N	112.813	240.230	195.376	39.800	0.35487	1.37940	3	X
K14G17O	23.0	0.15	K145N	22.821	119.340	18.554	6.817	0.64577	2.44708	3	X
K14G17P	25.2	0.15	K145N	6.253	189.558	38.289	3.587	0.55665	2.21204	3	X
K14G17Q	27.2	0.15	K145N	186.129	331.799	78.082	0.091	0.24694	0.85416	2	X

## New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K13X24K	16.5	0.15	K141N	359.236	79.051	32.431	26.417	0.27337	2.60559	112	W
K13Y64S	18.8	0.15	K142C	332.692	82.704	97.892	23.608	0.34620	2.22848	96	W
K14D15N	17.8	0.15	K143A	355.029	124.786	43.595	5.307	0.07104	2.26179	44	X
K14D18N	15.8	0.15	K142C	84.678	261.654	149.543	15.938	0.12421	3.13582	85	X
K14D24L	16.9	0.15	K143A	358.042	174.314	341.701	9.866	0.16174	3.20197	56	X
K14D31U	16.4	0.15	K143A	326.904	118.415	101.983	6.882	0.08507	2.46970	45	X
K14D35D	16.1	0.15	K143A	68.803	286.754	151.012	13.749	0.14256	2.71850	44	X
K14D46S	17.6	0.15	K143A	42.561	284.917	180.751	9.432	0.25521	2.65574	40	X
K14D47D	16.7	0.15	K143A	311.434	76.589	179.223	20.110	0.28384	3.14777	40	X
K14D48D	17.3	0.15	K143A	225.229	141.730	176.703	6.294	0.08966	2.43135	40	X
K14D51R	13.8	0.15	K143A	97.650	265.575	163.242	9.602	0.08614	5.23982	40	X
K14D53U	16.2	0.15	K143A	106.943	249.358	170.203	9.661	0.08404	3.12238	40	X
K14D55O	17.9	0.15	K143A	295.043	246.925	9.780	4.684	0.16450	2.25479	40	X
K14D56C	16.4	0.15	K143A	39.688	56.715	67.903	2.455	0.13789	3.06613	40	X
K14D57J	18.0	0.15	K143A	21.959	128.815	16.601	6.176	0.09809	2.24172	56	X
K14D62U	18.0	0.15	K143A	10.824	96.732	62.986	2.303	0.13486	2.42544	40	X
K14D66D	16.7	0.15	K143A	331.957	201.808	12.259	16.250	0.16607	2.76532	40	X
K14D68W	17.7	0.15	K143A	327.970	86.692	155.206	12.211	0.35020	3.06456	39	W
K14D72U	16.6	0.15	K143A	321.133	145.506	84.510	6.081	0.17079	2.43605	38	X
K14D76O	18.2	0.15	K143A	322.862	201.976	16.112	5.205	0.10549	2.29564	40	X
K14D77Q	18.2	0.15	K143A	19.033	137.099	6.130	13.842	0.22083	2.62627	56	X
K14D79L	16.2	0.15	K143A	341.040	186.798	18.546	18.069	0.13330	3.11086	38	X

K14D79W	16.9	0.15	K1434	31.274	115.112	26.471	8.864	0.08409	3.01445	40	X
K14D85Q	17.8	0.15	K1434	343.367	16.777	177.279	7.720	0.12512	2.56240	40	X
K14D89R	17.4	0.15	K1434	53.365	103.772	14.616	13.261	0.12700	2.61186	40	X
K14D90L	17.7	0.15	K1434	49.423	345.977	146.496	6.879	0.04808	2.33175	40	X
K14DB0R	18.3	0.15	K1434	173.282	184.176	166.376	21.461	0.06941	1.85216	37	X
K14DB1Z	15.5	0.15	K1434	293.644	147.389	117.260	5.979	0.09229	3.11083	39	X
K14E11A	17.0	0.15	K1434	316.695	223.629	9.050	16.639	0.16408	3.10508	40	X
K14E21T	16.7	0.15	K1434	285.427	308.874	312.928	6.532	0.17574	2.74635	30	X
K14E27W	16.4	0.15	K1434	12.150	338.121	160.806	13.748	0.12761	3.19565	57	X
K14E39T	17.6	0.15	K1434	329.660	138.000	75.577	8.236	0.08139	2.22618	29	X
K14E40R	17.3	0.15	K1434	313.246	144.107	97.452	6.889	0.18856	2.39126	28	X
K14E45O	17.5	0.15	K1434	338.125	217.930	17.491	7.037	0.33294	2.38236	28	W
K14E49Y	15.9	0.15	K1434	9.954	161.317	25.614	8.390	0.09958	2.57141	30	X
K14E50W	17.3	0.15	K1434	351.137	151.981	36.745	13.192	0.21700	2.64445	28	X
K14E51L	17.6	0.15	K1430	318.495	97.293	137.853	6.690	0.12471	2.30460	25	X
K14E51N	15.7	0.15	K1430	321.718	101.527	141.722	11.660	0.21635	3.13117	25	X
K14F06B	16.3	0.15	K1430	309.639	61.327	180.816	14.227	0.13384	2.78214	17	X
K14F06C	18.4	0.15	K1430	340.736	36.768	168.237	1.452	0.14228	2.35959	17	X
K14F07N	18.3	0.15	K1434	90.234	269.295	176.707	22.666	0.10741	1.96326	39	X
K14F08Y	16.5	0.15	K1430	80.492	266.665	174.947	14.070	0.15748	3.19561	18	X
K14F11E	15.9	0.15	K1430	286.294	264.460	343.326	13.433	0.13586	2.84667	18	X
K14F17N	17.2	0.15	K1434	12.446	212.331	301.756	1.789	0.15709	2.32541	38	X
K14F21A	16.4	0.15	K1430	345.913	51.967	157.401	9.306	0.06089	2.70705	15	X
K14F34F	17.8	0.15	K1430	0.195	108.152	72.698	2.005	0.16250	2.36108	18	X
K14F35X	17.6	0.15	K1430	293.403	220.265	65.929	10.859	0.20536	2.37615	14	X
K14F36K	17.2	0.15	K1430	224.903	300.730	45.692	10.117	0.09657	2.21942	12	X
K14F36S	16.7	0.15	K1430	278.346	271.021	29.688	3.810	0.12316	2.67236	12	X
K14F37G	16.6	0.15	K1430	34.665	323.828	201.655	5.227	0.06743	2.59324	11	X
K14F39L	15.8	0.15	K1430	90.228	33.658	70.203	12.795	0.04031	2.96950	14	X
K14F46P	16.3	0.15	K1430	334.773	203.982	35.372	13.579	0.10668	2.55666	9	X
K14F46Q	17.4	0.15	K1430	324.014	221.008	22.895	24.186	0.26696	2.36578	9	X
K14F47W	15.7	0.15	K1430	353.698	89.542	105.590	10.908	0.15776	3.17824	13	X
K14F48E	18.1	0.15	K1430	340.163	41.677	164.867	5.259	0.13986	2.39186	25	X
K14F48N	16.5	0.15	K1430	5.413	104.781	70.163	15.571	0.17786	3.18346	14	X
K14F48Q	17.5	0.15	K1430	32.234	213.185	289.382	5.161	0.18936	2.39254	13	X
K14F48S	17.4	0.15	K1430	342.049	295.254	278.790	4.112	0.16548	2.36450	13	X
K14F49C	17.1	0.15	K1430	6.316	194.412	347.317	10.664	0.14838	2.56952	13	X
K14F50X	16.8	0.15	K1430	349.973	153.890	47.268	14.462	0.18827	2.64518	11	X
K14F52Q	17.8	0.15	K1430	26.571	137.436	28.422	6.580	0.21343	2.61376	7	X
K14F53Q	16.1	0.15	K1430	53.977	75.651	59.327	7.079	0.12973	3.01771	9	X
K14F54Q	16.5	0.15	K1430	353.753	90.764	124.955	5.419	0.15795	2.59222	7	W
K14F55Q	15.5	0.15	K1430	19.374	117.831	54.193	18.445	0.14366	3.24305	8	X
K14F56E	17.9	0.15	K1430	15.045	29.831	143.280	6.423	0.09891	2.21554	7	X
K14F56F	16.7	0.15	K1430	354.125	266.067	336.890	20.399	0.30489	2.25432	6	X
K14G06V	15.9	0.15	K1430	11.643	158.629	14.547	29.284	0.15894	3.13738	6	X
K14G11H	17.1	0.15	K1430	45.685	330.197	170.149	7.208	0.05459	2.37005	3	X
K14G11V	17.6	0.15	K1430	355.191	11.289	183.588	26.759	0.20199	2.42701	3	X
K14G13J	17.6	0.15	K1430	335.438	200.001	25.064	2.339	0.17675	2.42363	5	X
K14G13M	16.5	0.15	K1430	309.509	289.358	316.905	0.169	0.05109	2.70480	5	X
K14G13N	16.4	0.15	K1430	87.028	249.526	198.381	6.182	0.14583	2.76540	5	X
K14G14E	16.9	0.15	K1430	72.316	83.495	38.122	12.256	0.07706	3.11524	4	W
K14G16N	16.8	0.15	K1430	43.349	352.529	146.224	5.073	0.19418	2.57519	5	X
K14G16P	16.2	0.15	K1430	310.326	217.305	52.910	8.927	0.19480	2.80349	5	X
K14G17C	16.3	0.15	K1430	322.413	260.250	8.709	10.976	0.23194	3.09300	3	X
K14G17J	18.1	0.15	K1430	310.605	180.154	54.095	21.297	0.03677	1.89446	5	X
K14G17L	19.3	0.15	K1430	174.374	180.789	196.406	24.071	0.10777	1.86102	2	X
K14G17M	18.5	0.15	K1430	189.947	161.077	207.406	22.347	0.11317	1.94588	2	X
K14G17N	15.7	0.15	K1430	32.284	123.242	62.192	31.903	0.07306	2.50577	2	W
K14G18F	17.6	0.15	K1430	316.089	257.316	6.722	1.253	0.16650	2.34121	6	X
K14G18H	16.3	0.15	K1430	315.022	234.259	30.346	19.200	0.08923	3.04019	6	X
K14G27D	17.0	0.15	K1430	42.672	13.768	111.874	15.333	0.20569	2.69209	2	W
K14G31S	17.4	0.15	K1430	300.365	215.387	71.804	4.721	0.24267	2.37816	3	X
K14G32B	16.9	0.15	K1430	48.828	69.223	68.805	7.399	0.17357	2.73119	3	X

## New observations:

J98M03E	C2014	04	07.29750	13	52	32.22	+02	39	14.7	20.2	VqEG036G96
J98M03E	C2014	04	07.30632	13	52	31.71	+02	39	21.7	20.1	VqEG036G96
J98M03E	C2014	04	07.31515	13	52	31.22	+02	39	28.5	19.8	VqEG036G96
J98M03E	C2014	04	07.32396	13	52	30.72	+02	39	35.6	20.1	VqEG036G96
K03F00G	C2014	04	07.16513	09	49	41.39	+18	06	33.6	20.3	VqEG036G96
K03F00G	C2014	04	07.17293	09	49	38.92	+18	06	34.8	20.3	VqEG036G96
K03F00G	C2014	04	07.18075	09	49	36.38	+18	06	35.8	20.3	VqEG036G96

K03F00G	C2014	04	07.18855	09	49	33.88	+18	06	36.0	20.1	VqEG036G96
K03Q79R	S2014	04	02.29870	07	02	57.99	+14	27	47.1	19	RLEG036C51
K03Q79R	s2014	04	02.29870	1	-	1261.7578	+ 6563.2011	+	1655.2590		EG036C51
K03Q79R	S2014	04	02.43036	07	03	32.91	+14	23	23.2		LEG036C51
K03Q79R	s2014	04	02.43036	1	-	1276.9588	+ 6560.4759	+	1654.2750		EG036C51
K03Q79R	S2014	04	02.82537	07	05	17.01	+14	10	23.5		LEG036C51
K03Q79R	s2014	04	02.82537	1	-	1321.8536	+ 6551.4203	+	1655.3594		EG036C51
K03Q79R	S2014	04	02.95703	07	05	51.80	+14	06	05.0		LEG036C51
K03Q79R	s2014	04	02.95703	1	-	1336.8387	+ 6548.3339	+	1655.3894		EG036C51
K03Q79R	S2014	04	03.08870	07	06	26.32	+14	01	46.0		LEG036C51
K03Q79R	s2014	04	03.08870	1	-	1351.8665	+ 6545.2704	+	1655.1560		EG036C51
K03Q79R	S2014	04	03.35204	07	07	35.12	+13	53	09.6		LEG036C51
K03Q79R	s2014	04	03.35204	1	-	1381.8204	+ 6538.9485	+	1655.1131		EG036C51
K05QF1Z	C2014	04	07.19349	11	55	05.02	+03	16	04.1	20.9	VqEG036G96
K05QF1Z	C2014	04	07.20263	11	55	04.42	+03	16	02.4	20.7	VqEG036G96
K05QF1Z	C2014	04	07.21179	11	55	03.84	+03	16	00.9	20.6	VqEG036G96
K05QF1Z	C2014	04	07.22094	11	55	03.22	+03	15	59.5	20.6	VqEG036G96
K09J01L	KC2014	04	07.39780	11	13	04.85	+37	17	45.2	20.5	RoEG036291
K09J01L	KC2014	04	07.40213	11	13	04.42	+37	17	40.4	20.4	RoEG036291
K09J01L	KC2014	04	07.40647	11	13	04.03	+37	17	36.0		oEG036291
K10E20H	C2014	04	07.47201	15	25	36.51	+19	51	08.6	21.4	VqEG036G96
K10E20H	C2014	04	07.48148	15	25	36.21	+19	51	15.9	21.2	VqEG036G96
K10E20H	C2014	04	07.48622	15	25	36.02	+19	51	20.1	20.8	VqEG036G96
K10N03G	KC2014	04	01.88013	13	10	45.30	+52	35	29.6		tEG036204
K10N03G	KC2014	04	01.88533	13	10	44.70	+52	35	30.7		tEG036204
K10N03G	KC2014	04	01.89049	13	10	44.07	+52	35	32.5	18.6	RtEG036204
K11C50H	C2014	04	07.20540	10	30	08.01	-11	41	12.3	18.5	VqEG036703
K11C50H	C2014	04	07.21191	10	30	10.21	-11	41	31.0	18.2	VqEG036703
K11C50H	C2014	04	07.21841	10	30	12.51	-11	41	49.9	18.3	VqEG036703
K11C50H	C2014	04	07.22491	10	30	14.81	-11	42	09.3	18.3	VqEG036703
K12O05T	KC2014	04	06.36984915	40	55.35	-01	34	39.3		21.8	VuEG036H21
K12O05T	KC2014	04	06.38082015	40	55.99	-01	34	31.0		22.0	VuEG036H21
K12O05T	KC2014	04	06.39115415	40	56.64	-01	34	23.0		22.1	VuEG036H21
K13C32W	JC2014	04	04.46459	17	59	03.79	+45	03	18.0	22.3	RoEG036695
K13C32W	JC2014	04	04.47570	17	59	05.51	+45	03	44.3	22.7	RoEG036695
K13C32W	JC2014	04	04.49863	17	59	09.15	+45	04	40.8	22.4	RoEG036695
K13N00X	KC2014	04	04.36403	17	36	57.96	-02	04	16.1	21.4	RoEG036291
K13N00X	KC2014	04	04.37126	17	36	58.37	-02	04	11.0	21.7	RoEG036291
K13P21D	KC2014	02	25.11020	10	24	25.38	+49	42	53.6		tEG036204
K13P21D	KC2014	02	25.12044	10	24	24.58	+49	43	10.8	18.7	RtEG036204
K13P21D	KC2014	02	25.13056	10	24	23.82	+49	43	28.1		tEG036204
K13T05R	HC2014	02	24.78053	23	39	56.80	+68	16	01.6		qEG036204
K13T05R	FC2014	02	24.80086	23	40	17.58	+68	15	54.7	19.9	RqEG036204
K13T05V	C2014	04	07.20640	11	02	02.51	-11	35	07.2	19.4	VqEG036703
K13T05V	C2014	04	07.21291	11	02	01.72	-11	35	09.5	19.6	VqEG036703
K13T05V	C2014	04	07.21941	11	02	01.09	-11	35	12.0	19.3	VqEG036703
K13T05V	C2014	04	07.22591	11	02	00.42	-11	35	14.2	19.8	VqEG036703
K13W44T	C2014	03	29.87141	14	00	46.01	+09	49	11.8		tEG036204
K13W44T	C2014	03	29.87248	14	00	46.29	+09	49	16.5		tEG036204
K13W44T	C2014	03	29.87369	14	00	46.60	+09	49	22.1		tEG036204
K13W44T	C2014	03	29.87461	14	00	46.89	+09	49	25.8		tEG036204
K13W44T	C2014	03	29.87566	14	00	47.18	+09	49	31.0	14.3	RtEG036204
K13W44T	C2014	04	07.04695	14	24	19.50	+15	39	58.6	16.5	VqEG036C47
K13W44T	C2014	04	07.05027	14	24	19.76	+15	40	03.2	16.3	VqEG036C47
K13W44T	C2014	04	07.05396	14	24	20.04	+15	40	08.2	16.4	VqEG036C47
K13W44T	C2014	04	07.05765	14	24	20.33	+15	40	13.2	16.2	VqEG036C47
K13W44T	C2014	04	07.06170	14	24	20.65	+15	40	18.8	16.2	VqEG036C47
K13X21Y	KC2014	02	24.91802	05	11	07.85	+70	29	39.7	19.7	RqEG036204
K13X21Y	KC2014	02	24.93916	05	11	18.36	+70	29	09.0		qEG036204
K13X22F	KC2014	02	24.96070	06	58	18.95	+04	23	02.7		qEG036204
K13X22F	KC2014	02	24.96893	06	58	19.34	+04	22	55.3	18.4	RqEG036204
K13X22F	KC2014	02	24.97684	06	58	19.75	+04	22	48.0		qEG036204
K13X24M	KC2014	02	24.85691	03	49	52.30	+71	32	06.5		qEG036204
K13X24M	KC2014	02	24.88304	03	49	45.09	+71	32	17.4	20.5	RqEG036204
K14A28Y	KC2014	03	30.10072	16	51	37.48	+17	58	57.8	17.9	RqEG036160
K14A28Y	KC2014	03	30.10350	16	51	38.82	+17	59	01.5	18.0	RqEG036160
K14A28Y	KC2014	03	30.10625	16	51	40.08	+17	59	05.9	18.0	RqEG036160
K14B33D	KC2014	02	25.07404	08	58	52.85	+20	16	15.0		tEG036204
K14B33D	KC2014	02	25.08947	08	58	51.37	+20	16	40.6	19.9	RtEG036204
K14C13S	FC2014	02	25.14978	11	31	12.89	+10	16	31.5		tEG036204
K14C13S	FC2014	02	25.16543	11	31	09.08	+10	16	35.5	19.5	RtEG036204
K14D00A	KC2014	02	25.03265	09	04	17.12	+10	47	28.8		tEG036204

K14D00A	KC2014	02	25.05125	09	04	18.99	+10	47	21.2	19.4	RtEG036204
K14D07N	KC2014	02	24.99419	07	58	19.06	+25	13	48.1		tEG036204
K14D07N	FC2014	02	25.00598	07	58	14.71	+25	14	49.1	19.9	RtEG036204
K14D07O	KC2014	02	25.04106	08	39	17.13	+16	55	13.5		tEG036204
K14D07O	KC2014	02	25.05497	08	39	19.10	+16	57	35.3		tEG036204
K14D07O	KC2014	02	25.06921	08	39	21.17	+17	00	00.3	19.5	RtEG036204
K14D07P	KC2014	04	07.15132	10	49	16.66	+26	03	39.1	21.6	RoEG036291
K14D07P	KC2014	04	07.16867	10	49	16.81	+26	03	44.7	21.6	RoEG036291
K14D07P	KC2014	04	07.18604	10	49	16.96	+26	03	49.9	22.2	RoEG036291
K14D10C	FC2014	02	24.94731	05	49	34.01	+12	46	48.2	20	RqEG036204
K14D10C	FC2014	02	24.95903	05	49	33.47	+12	47	12.5		qEG036204
K14E12Q	KC2014	03	29.84165	13	22	42.10	+26	42	16.6	16.8	RtEG036204
K14E12Q	KC2014	03	29.84345	13	22	43.53	+26	42	58.8		tEG036204
K14E12Q	KC2014	03	29.84519	13	22	44.93	+26	43	40.1		tEG036204
K14E12Q	KC2014	03	29.84719	13	22	46.49	+26	44	26.9		tEG036204
K14E12Q	KC2014	03	29.84885	13	22	47.81	+26	45	06.2		tEG036204
K14E45L	KC2014	04	06.41165216	40	49.70	+55	03	49.3		19.6	VuEG036H21
K14E45L	KC2014	04	06.41335116	40	50.31	+55	03	52.9		19.7	VuEG036H21
K14E45L	KC2014	04	06.41531916	40	51.03	+55	03	56.8		19.7	VuEG036H21
K14E45L	KC2014	04	06.41701916	40	51.65	+55	04	00.1		19.6	VuEG036H21
K14E45L	KC2014	04	06.41898716	40	52.37	+55	04	04.1		19.7	VuEG036H21
K14E48Z	C2014	04	07.20435	11	50	37.46	+24	35	30.5	17.8	rEG036718
K14E48Z	C2014	04	07.20930	11	50	37.35	+24	35	57.3	17.7	rEG036718
K14E48Z	C2014	04	07.21425	11	50	37.13	+24	36	24.3	17.8	rEG036718
K14E49D	KC2014	04	06.17433011	32	36.52	+15	50	04.4		22.2	VuEG036H21
K14E49D	KC2014	04	06.19721511	32	35.32	+15	50	02.9		22.0	VuEG036H21
K14E49D	KC2014	04	06.21010911	32	34.61	+15	50	01.8		21.8	VuEG036H21
K14E49R	KC2014	04	07.38134	11	27	56.53	+41	13	31.0	18.5	RoEG036291
K14E49R	KC2014	04	07.38636	11	27	56.09	+41	13	34.3	18.4	RoEG036291
K14E49R	KC2014	04	07.39210	11	27	55.59	+41	13	38.1	18.3	RoEG036291
K14F00F	KC2014	04	06.38653317	10	29.71	+40	52	31.5		20.7	VuEG036H21
K14F00F	KC2014	04	06.39663817	10	38.35	+40	52	07.6		20.7	VuEG036H21
K14F00F	KC2014	04	06.40710717	10	47.35	+40	51	42.3		21.0	VuEG036H21
K14F33C	KC2014	04	06.32017013	37	56.91	+43	50	39.9		22.3	VuEG036H21
K14F33C	KC2014	04	06.33662613	37	59.29	+43	52	45.5		21.8	VuEG036H21
K14F33C	KC2014	04	06.35417613	38	01.94	+43	54	59.1			uEG036H21
K14F33H	KC2014	04	06.87822	13	45	35.23	+06	36	47.4	19.9	VqEG036A13
K14F33H	KC2014	04	06.90132	13	45	32.99	+06	37	22.2	20.3	VqEG036A13
K14F33H	KC2014	04	06.92504	13	45	30.67	+06	37	58.6	20.4	VqEG036A13
K14F33H	C2014	04	07.33774	13	44	51.23	+06	48	29.9	19.9	VqEG036G96
K14F33H	C2014	04	07.34597	13	44	50.40	+06	48	42.6	19.8	VqEG036G96
K14F33H	C2014	04	07.35419	13	44	49.57	+06	48	55.2	19.7	VqEG036G96
K14F33H	C2014	04	07.36243	13	44	48.75	+06	49	07.6	19.7	VqEG036G96
K14F33K	KC2014	04	06.20432811	16	51.96	+21	40	50.3		20.9	VuEG036H21
K14F33K	KC2014	04	06.20610311	16	51.43	+21	40	48.2		20.9	VuEG036H21
K14F33K	KC2014	04	06.20799011	16	50.87	+21	40	46.8		20.7	VuEG036H21
K14F33K	KC2014	04	06.20963511	16	50.35	+21	40	45.1		20.9	VuEG036H21
K14F33L	KC2014	04	06.35976713	41	00.29	+28	28	48.6		20.6	VuEG036H21
K14F33L	KC2014	04	06.36474513	40	59.97	+28	28	29	01.1	20.8	VuEG036H21
K14F33L	KC2014	04	06.36973313	40	59.70	+28	29	13.5		20.6	VuEG036H21
K14F33L	KC2014	04	07.30656	13	40	06.19	+29	08	21.2	20.3	RtEG036G58
K14F33L	KC2014	04	07.31303	13	40	05.83	+29	08	36.5	20.2	RtEG036G58
K14F33L	KC2014	04	07.31916	13	40	05.43	+29	08	52.7	20.1	RtEG036G58
K14F33N	KC2014	04	06.33937014	28	55.40	+17	04	58.6		19.6	VuEG036H21
K14F33N	KC2014	04	06.34436514	28	56.18	+17	05	06.0		19.6	VuEG036H21
K14F33N	KC2014	04	06.34696314	28	56.55	+17	05	09.9		19.2	VuEG036H21
K14F33N	KC2014	04	06.34976114	28	56.98	+17	05	13.9		19.4	VuEG036H21
K14F33N	KC2014	04	06.35307314	28	57.48	+17	05	18.4		19.3	VuEG036H21
K14F33N	KC2014	04	06.35646614	28	58.00	+17	05	23.4		19.4	VuEG036H21
K14F33N	KC2014	04	06.35948014	28	58.46	+17	05	27.9		19.4	VuEG036H21
K14F33N	KC2014	04	07.32814	14	31	40.43	+17	28	59.1	19.2	RtEG036G58
K14F33N	KC2014	04	07.33288	14	31	41.18	+17	29	06.3	19.0	RtEG036G58
K14F33N	KC2014	04	07.33788	14	31	41.94	+17	29	13.4	19.1	RtEG036G58
K14F37Q	KC2014	04	06.33292613	24	51.39	-05	47	25.6		19.6	VuEG036H21
K14F37Q	KC2014	04	06.33484713	24	50.61	-05	47	38.0		19.5	VuEG036H21
K14F37Q	KC2014	04	06.33707213	24	49.74	-05	47	52.6		19.4	VuEG036H21
K14F37Q	KC2014	04	06.33889213	24	49.01	-05	48	04.4		19.2	VuEG036H21
K14F37Q	KC2014	04	06.34131713	24	48.02	-05	48	20.1		19.2	VuEG036H21
K14F37Q	KC2014	04	07.29168	13	18	52.22	-07	27	58.5	18.8	RtEG036G58
K14F37Q	KC2014	04	07.29460	13	18	51.11	-07	28	16.3	18.6	RtEG036G58
K14F37Q	KC2014	04	07.29881	13	18	49.50	-07	28	41.7	18.9	RtEG036G58
K14F38Q	KC2014	04	06.27523213	13	22.30	+21	24	59.3		22.2	VuEG036H21

K14F38Q	KC2014	04	06.28936513	13	19.24	+21	25	45.1	22.0	VuEG036H21	
K14F38Q	KC2014	04	06.30370113	13	16.15	+21	26	32.7		uEG036H21	
K14F43Y	KC2014	04	06.24355812	39	44.34	-04	05	55.3	19.7	VuEG036H21	
K14F43Y	KC2014	04	06.24621012	39	44.39	-04	05	46.7	19.9	VuEG036H21	
K14F43Y	C2014	04	07.16700	12	40	22.21	-03	14	28.2	19.8	VoEG036691
K14F43Y	C2014	04	07.18466	12	40	22.80	-03	13	29.1	19.9	VoEG036691
K14F43Y	C2014	04	07.20232	12	40	23.35	-03	12	29.5	19.7	VoEG036691
K14F44B	KC2014	04	02.02573	11	10	58.06	+27	21	43.9	18.5	RtEG036204
K14F44B	KC2014	04	02.03670	11	11	22.28	+27	24	56.7		tEG036204
K14F44B	KC2014	04	02.04248	11	11	35.06	+27	26	37.9		tEG036204
K14F47N	KC2014	04	01.99353	10	45	16.23	+03	48	46.8		tEG036204
K14F47N	KC2014	04	02.00381	10	45	17.19	+03	49	51.5	19.2	RtEG036204
K14F47N	KC2014	04	02.01455	10	45	18.27	+03	50	59.4		tEG036204
K14F47N	KC2014	04	06.12538210	52	51.46	+10	46	56.7	19.6	VuEG036H21	
K14F47N	KC2014	04	06.13048610	52	51.97	+10	47	26.5	19.4	VuEG036H21	
K14F47N	KC2014	04	06.13558310	52	52.53	+10	47	55.7	19.6	VuEG036H21	
K14F47N	KC2014	04	06.19011310	52	58.27	+10	53	10.3	19.5	VuEG036H21	
K14F47N	KC2014	04	06.19260010	52	58.52	+10	53	24.5	19.5	VuEG036H21	
K14F47N	KC2014	04	06.19496810	52	58.77	+10	53	38.3	19.5	VuEG036H21	
K14F47N	KC2014	04	06.19710010	52	59.00	+10	53	50.6	19.4	VuEG036H21	
K14F47N	KC2014	04	06.19982410	52	59.27	+10	54	06.3	19.6	VuEG036H21	
K14F47P	KC2014	04	06.28247012	41	39.49	+04	31	58.5	19.5	VuEG036H21	
K14F47P	KC2014	04	06.28468112	41	39.03	+04	31	59.2	19.1	VuEG036H21	
K14F47P	KC2014	04	06.28674212	41	38.60	+04	31	59.5	19.5	VuEG036H21	
K14F52R	KC2014	04	07.27328	11	57	05.37	+13	57	11.4	19.7	RtEG036G58
K14F52R	KC2014	04	07.27905	11	57	05.68	+13	56	56.8	19.4	RtEG036G58
K14F52R	KC2014	04	07.28421	11	57	05.97	+13	56	44.4	19.8	RtEG036G58
K14F52S	KC2014	04	06.38964915	15	37.43	-03	51	22.8	19.5	VuEG036H21	
K14F52S	KC2014	04	06.39331715	15	42.40	-03	51	23.1	19.6	VuEG036H21	
K14F52S	KC2014	04	06.39743115	15	48.02	-03	51	23.3	19.3	VuEG036H21	
K14F52S	KC2014	04	06.40101015	15	52.86	-03	51	23.3	19.4	VuEG036H21	
K14F52S	KC2014	04	06.40539315	15	58.83	-03	51	23.8	19.4	VuEG036H21	
K14F54H	KC2014	04	06.14931210	39	11.29	+17	15	07.5	21.8	VuEG036H21	
K14F54H	KC2014	04	06.16091610	39	12.17	+17	14	23.2	22.1	VuEG036H21	
K14F54H	KC2014	04	06.17231510	39	13.00	+17	13	39.4	21.6	VuEG036H21	
K14F54H	KC2014	04	07.12568	10	40	29.54	+16	15	57.3	21.5	RoEG036291
K14F54H	KC2014	04	07.13168	10	40	29.92	+16	15	36.7	21.2	RoEG036291
K14F54H	KC2014	04	07.13770	10	40	30.35	+16	15	16.4	21.6	RoEG036291
K14G01G	KC2014	04	06.36656515	08	48.77	+19	38	35.2	20.6	VuEG036H21	
K14G01G	KC2014	04	06.37010215	08	49.29	+19	38	21.3	20.5	VuEG036H21	
K14G01G	KC2014	04	06.38159415	08	50.96	+19	37	34.4	20.6	VuEG036H21	
K14G01G	C2014	04	07.47527	15	12	23.85	+18	31	37.6	21.4	VqEG036G96
K14G01G	C2014	04	07.48000	15	12	24.33	+18	31	21.7	20.7	VqEG036G96
K14G01G	C2014	04	07.48474	15	12	24.83	+18	31	04.6	21.6	VqEG036G96
K14G01G	C2014	04	07.48948	15	12	25.34	+18	30	47.6	21.1	VqEG036G96
K14G01J	KC2014	04	06.17260810	40	53.95	+22	57	44.3	20.1	VuEG036H21	
K14G01J	KC2014	04	06.17509710	40	54.02	+22	57	25.1	20.2	VuEG036H21	
K14G01J	KC2014	04	06.17841310	40	54.14	+22	56	59.7	20.3	VuEG036H21	
K14G01J	KC2014	04	06.18101910	40	54.23	+22	56	39.7	20.2	VuEG036H21	
K14G01J	KC2014	04	06.18433110	40	54.38	+22	56	14.2	20.3	VuEG036H21	
K14G01J	KC2014	04	07.23861	10	42	15.80	+20	50	04.6	20.0	RtEG036G58
K14G01J	KC2014	04	07.24208	10	42	16.04	+20	49	43.0	20.0	RtEG036G58
K14G01J	KC2014	04	07.24486	10	42	16.09	+20	49	22.5	19.3	RtEG036G58
K14G01L	KC2014	04	06.22523912	15	04.56	-02	45	18.4		uEG036H21	
K14G01L	KC2014	04	06.24148512	15	01.14	-02	45	15.7	22.4	VuEG036H21	
K14G01L	KC2014	04	06.25865812	14	57.58	-02	45	12.2	22.2	VuEG036H21	
K14G01N	C2014	04	06.07996109	45	39.90	+32	24	04.5	16.0	VuEG036H21	
K14G01N	C2014	04	06.08168809	45	10.15	+32	29	00.3	16.4	VuEG036H21	
K14G01N	C2014	04	06.08332509	44	41.75	+32	33	41.5	16.0	VuEG036H21	
K14G01N	C2014	04	06.16436009	18	21.62	+36	30	42.8	16.1	VuEG036H21	
K14G01N	C2014	04	06.16567309	17	52.91	+36	34	36.7	16.3	VuEG036H21	
K14G01N	C2014	04	06.16654609	17	33.76	+36	37	12.2	16.4	VuEG036H21	
K14G01N	C2014	04	06.16750809	17	12.64	+36	40	02.7	16.7	VuEG036H21	
K14G01N	C2014	04	06.16923809	16	34.51	+36	45	10.4	16.0	VuEG036H21	
K14G17G	KC2014	04	06.23009013	32	37.31	-02	11	49.0	21.0	VuEG036H21	
K14G17G	KC2014	04	06.23583013	32	36.63	-02	11	25.0	20.8	VuEG036H21	
K14G17G	KC2014	04	06.24266113	32	35.78	-02	10	56.6	20.8	VuEG036H21	
K14G17G	HC2014	04	07.31388	13	30	31.01	-00	57	25.5	19.5	RoEG036291
K14G17G	HC2014	04	07.31534	13	30	30.83	-00	57	19.6	19.5	RoEG036291
K14G17G	HC2014	04	07.31678	13	30	30.65	-00	57	13.6	19.4	RoEG036291
K14G17O	KC2014	04	06.14450711	56	17.77	+08	47	15.3	18.3	VuEG036H21	
K14G17O	KC2014	04	06.14773211	56	19.87	+08	46	22.1	18.3	VuEG036H21	

K14G17O	KC2014	04	06.15094611	56	21.98	+08	45	29.2	18.2	VuEG036H21	
K14G17O	KC2014	04	06.15419711	56	24.10	+08	44	35.7	18.3	VuEG036H21	
K14G17O	KC2014	04	06.15748411	56	26.24	+08	43	41.8	18.2	VuEG036H21	
K14G17O	C2014	04	07.19141	12	07	11.97	+04	28	39.5	18.1	VqEG036G96
K14G17O	C2014	04	07.20056	12	07	16.67	+04	26	38.1	18.1	VqEG036G96
K14G17O	C2014	04	07.20971	12	07	21.33	+04	24	37.1	18.4	VqEG036G96
K14G17O	C2014	04	07.21887	12	07	25.98	+04	22	36.2	18.1	VqEG036G96
K14G17P	KC2014	04	06.27530814	09	43.61	+24	23	40.2	19.7	VuEG036H21	
K14G17P	KC2014	04	06.27895114	09	48.32	+24	23	35.2	19.7	VuEG036H21	
K14G17P	KC2014	04	06.28337114	09	54.05	+24	23	29.0	19.6	VuEG036H21	
K14G17P	KC2014	04	07.34520	14	36	42.49	+23	46	30.0	19.6	RtEG036G58
K14G17P	KC2014	04	07.34798	14	36	46.89	+23	46	22.5	19.6	RtEG036G58
K14G17P	KC2014	04	07.35076	14	36	51.29	+23	46	14.9	19.9	RtEG036G58
K14G17P	KC2014	04	07.35389	14	36	56.27	+23	46	06.4	20.0	RtEG036G58
K14G17Q	C2014	04	06.21162112	59	58.71	+03	42	48.6	17.5	VuEG036H21	
K14G17Q	C2014	04	06.21377912	59	51.70	+03	43	05.4	17.7	VuEG036H21	
K14G17Q	C2014	04	06.21590912	59	44.81	+03	43	21.0	17.6	VuEG036H21	
K14G17Q	C2014	04	06.21806112	59	37.80	+03	43	38.0	17.5	VuEG036H21	
K14G17Q	C2014	04	06.22022712	59	30.82	+03	43	54.1	17.3	VuEG036H21	
K14G17Q	C2014	04	06.22242712	59	23.63	+03	44	11.0	17.3	VuEG036H21	
K14G17Q	KC2014	04	06.87330	12	33	22.47	+04	49	12.0	18.1	VqEG036C77
K14G17Q	KC2014	04	06.87538	12	33	17.77	+04	49	22.7	17.6	VqEG036C77
K14G17Q	KC2014	04	06.87746	12	33	13.13	+04	49	33.0	18.3	VqEG036C77
K14G17Q	KC2014	04	06.87953	12	33	08.45	+04	49	43.9	18.6	VqEG036C77
K14G17Q	KC2014	04	06.88154	12	33	03.94	+04	49	54.0	17.9	VqEG036C77
01862	C2014	04	07.26144	11	41	03.68	+09	57	03.4	17.3	VqEG036703
01862	C2014	04	07.26946	11	41	02.50	+09	57	07.6	17.4	VqEG036703
01862	C2014	04	07.27746	11	41	01.33	+09	57	12.4	17.4	VqEG036703
01862	C2014	04	07.28546	11	41	00.16	+09	57	16.7	17.2	VqEG036703
01943	C2014	04	04.85010	07	49	18.28	-07	13	44.0		qEG036I55
01943	C2014	04	04.88294	07	49	20.81	-07	13	25.6		qEG036I55
01943	C2014	04	04.94553	07	49	25.67	-07	12	50.8	15.4	RrEG036006
01943	C2014	04	04.95274	07	49	26.27	-07	12	46.6	15.6	RrEG036006
01943	C2014	04	04.96032	07	49	26.87	-07	12	42.7	15.5	RrEG036006
01943	C2014	04	05.83878	07	50	43.35	-07	04	35.0	15.5	RrEG036006
01943	C2014	04	05.84598	07	50	43.93	-07	04	30.8	15.6	RrEG036006
01943	C2014	04	05.85223	07	50	44.43	-07	04	27.4	15.6	RrEG036006
01943	C2014	04	05.86071	07	50	45.16	-07	04	22.1		qEG036I55
01943	C2014	04	05.88341	07	50	46.90	-07	04	09.9		qEG036I55
01980	C2014	04	07.13564	08	28	51.51	-19	42	05.0	17.4	RoEG036926
01980	C2014	04	07.15391	08	28	51.94	-19	41	50.0	17.5	RoEG036926
01980	C2014	04	07.17217	08	28	52.36	-19	41	34.9	17.6	RoEG036926
02061	C2014	04	07.29548	14	27	50.47	-14	09	13.1	21.1	VoEG036691
02061	C2014	04	07.31321	14	27	49.51	-14	09	07.2	21.0	VoEG036691
02061	C2014	04	07.33092	14	27	48.54	-14	09	02.0	20.8	VoEG036691
03103	C2014	04	06.92465	15	12	00.24	+23	11	08.5	17.5	woEG036C41
03103	C2014	04	06.92568	15	12	00.17	+23	11	10.0	17.6	woEG036C41
03103	C2014	04	06.96972	15	11	57.28	+23	11	57.3	17.3	woEG036C41
03103	C2014	04	07.40590	15	11	29.09	+23	19	50.6	18.0	VqEG036G96
03103	C2014	04	07.41577	15	11	28.42	+23	20	01.2	18.0	VqEG036G96
03103	C2014	04	07.42563	15	11	27.74	+23	20	11.9	18.0	VqEG036G96
03103	C2014	04	07.43551	15	11	27.07	+23	20	22.5	17.9	VqEG036G96
05626	C2014	04	07.17193	12	56	32.84	-03	38	23.6	18.4	VoEG036691
05626	C2014	04	07.18959	12	56	31.74	-03	38	15.8	18.4	VoEG036691
05626	C2014	04	07.20725	12	56	30.63	-03	38	08.2	18.4	VoEG036691
13651	KC2014	04	06.83046	11	52	18.11	+83	04	01.4	17.9	VqEG036C77
13651	KC2014	04	06.83407	11	52	18.49	+83	04	07.3	18.2	VqEG036C77
13651	KC2014	04	06.83712	11	52	18.80	+83	04	12.3	18.2	VqEG036C77
21374	C2014	04	07.39867	17	26	44.97	+25	04	20.5	17.4	VqEG036703
21374	C2014	04	07.40616	17	26	45.44	+25	04	12.9	17.4	VqEG036703
21374	C2014	04	07.41365	17	26	45.94	+25	04	05.8	17.3	VqEG036703
21374	C2014	04	07.42115	17	26	46.46	+25	03	58.9	17.4	VqEG036703
24445	C2014	04	05.90957	09	58	45.11	-10	08	05.1	17.2	RrEG036006
24445	C2014	04	05.91637	09	58	45.24	-10	07	54.7	17.0	RrEG036006
24445	C2014	04	05.92316	09	58	45.40	-10	07	45.6	16.9	RrEG036006
24445	C2014	04	07.17445	09	59	16.79	-09	39	11.1	17.1	VqEG036703
24445	C2014	04	07.18094	09	59	16.95	-09	39	02.3	17.1	VqEG036703
24445	C2014	04	07.18743	09	59	17.08	-09	38	53.6	17.1	VqEG036703
24445	C2014	04	07.19391	09	59	17.24	-09	38	44.7	17.1	VqEG036703
36183	C2014	04	07.44393	15	04	57.92	+21	48	41.0	19.1	VqEG036G96
36183	C2014	04	07.45120	15	04	57.15	+21	48	42.0	19.2	VqEG036G96
36183	C2014	04	07.45846	15	04	56.36	+21	48	43.0	19.0	VqEG036G96

36183	C2014	04	07.46572	15	04	55.59	+21	48	43.9	18.7	VqEG036G96
68031	C2014	04	06.59244	13	13	01.67	+53	24	33.2	18.1	woEG036D54
68031	C2014	04	06.62272	13	13	00.65	+53	24	24.1	18.5	woEG036D54
86039	C2014	04	05.85907	08	14	11.74	+09	09	24.2	17.1	RrEG036006
86039	C2014	04	05.86537	08	14	13.36	+09	09	18.1	17.1	RrEG036006
86039	C2014	04	05.87166	08	14	14.92	+09	09	13.2	17.0	RrEG036006
86878	C2014	04	05.36919	06	47	44.05	-48	56	59.6	15.7	RqEG036E89
86878	C2014	04	05.37066	06	47	47.35	-48	56	55.4	16.2	RqEG036E89
86878	C2014	04	05.37191	06	47	50.18	-48	56	52.2	15.8	RqEG036E89
86878	C2014	04	06.31537	07	22	36.05	-47	59	09.8	15.5	RqEG036E89
86878	C2014	04	06.31942	07	22	44.61	-47	58	49.4	15.5	RqEG036E89
86878	C2014	04	06.32403	07	22	54.28	-47	58	26.4	16.3	RqEG036E89
86878	C2014	04	06.32652	07	22	59.42	-47	58	14.9	16.3	RqEG036E89
86878	C2014	04	06.32824	07	23	02.95	-47	58	05.8	15.7	RqEG036E89
86878	C2014	04	06.32882	07	23	04.27	-47	58	03.1	15.3	RqEG036E89
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86878	C2014	04	06.33183	07	23	10.62	-47	57	48.3	15.7	RqEG036E89
86878	C2014	04	07.30826	07	56	24.03	-46	21	21.3	14.5	RqEG036E89
86878	C2014	04	07.30932	07	56	26.03	-46	21	14.1	15.1	RqEG036E89
86878	C2014	04	07.31353	07	56	33.99	-46	20	45.1	15.6	RqEG036E89
86878	C2014	04	07.31404	07	56	34.96	-46	20	41.6	15.4	RqEG036E89
86878	C2014	04	07.31510	07	56	36.99	-46	20	34.0	14.9	RqEG036E89
86878	C2014	04	07.31565	07	56	38.10	-46	20	30.3	14.9	RqEG036E89
86878	C2014	04	07.31618	07	56	39.10	-46	20	26.3	15.1	RqEG036E89
86878	C2014	04	07.31778	07	56	42.07	-46	20	15.4	15.1	RqEG036E89
86878	C2014	04	07.31831	07	56	43.05	-46	20	12.4	15.2	RqEG036E89
89355	4C2014	04	07.03591	18	30	40.86	+14	00	35.3	17.0	VqEG036G40
89355	4C2014	04	07.03671	18	30	40.94	+14	00	35.1	16.8	VqEG036G40
89355	4C2014	04	07.06998	18	30	44.17	+14	00	29.8	16.7	VqEG036G40
89355	4C2014	04	07.07065	18	30	44.22	+14	00	29.5	16.7	VqEG036G40
89355	4C2014	04	07.07146	18	30	44.29	+14	00	29.5	16.8	VqEG036G40
D6618	C2014	04	07.19349	11	53	27.93	+03	35	19.1	19.6	VqEG036G96
D6618	C2014	04	07.20263	11	53	27.16	+03	35	23.7	19.5	VqEG036G96
D6618	C2014	04	07.21179	11	53	26.42	+03	35	28.1	19.4	VqEG036G96
D6618	C2014	04	07.22094	11	53	25.64	+03	35	32.7	19.2	VqEG036G96
D6900	C2014	04	07.40472	15	00	12.00	-15	37	13.2	18.3	VoEG036691
D6900	C2014	04	07.42244	15	00	09.49	-15	36	50.2	19.5	VoEG036691
D6900	C2014	04	07.44016	15	00	06.94	-15	36	27.7	18.6	VoEG036691
E1495	C2014	04	07.17193	12	56	06.55	-02	55	10.3	20.5	VoEG036691
E1495	C2014	04	07.18959	12	56	03.72	-02	54	54.0	20.0	VoEG036691
E1495	C2014	04	07.20725	12	56	00.96	-02	54	37.3	20.3	VoEG036691
E3649	C2014	04	04.89282	06	46	18.29	-00	02	19.3	17.6	RrEG036006
E3649	C2014	04	04.89974	06	46	19.34	-00	03	31.1	17.3	RrEG036006
E3649	C2014	04	04.90652	06	46	20.37	-00	04	41.4	17.5	RrEG036006
E3649	C2014	04	05.83539	06	48	42.67	-02	35	28.5	16.0	RqEG036C23
E3649	C2014	04	05.83810	06	48	43.02	-02	35	52.8	15.9	RqEG036C23
E3649	C2014	04	05.84011	06	48	43.32	-02	36	11.7	16.1	RqEG036C23
E3649	C2014	04	05.84212	06	48	43.59	-02	36	29.7	15.8	RqEG036C23
E3649	C2014	04	05.84453	06	48	43.93	-02	36	51.2	16.0	RqEG036C23
G2157	KC2014	04	06.40081716	04	16.43	+10	25	04.0		22.2	VuEG036H21
G2157	KC2014	04	06.40946916	04	16.03	+10	25	13.0		21.9	VuEG036H21
G2157	KC2014	04	06.41769416	04	15.63	+10	25	21.3		22.0	VuEG036H21
G2566	C2014	04	05.88161	08	27	10.93	+08	15	28.0	16.9	RrEG036006
G2566	C2014	04	05.88838	08	27	12.26	+08	15	17.0	17.1	RrEG036006
G2566	C2014	04	05.89720	08	27	13.93	+08	15	02.1	17.0	RrEG036006
G3014	C2014	04	07.30060	13	52	04.56	+03	51	48.8	18.6	VqEG036G96
G3014	C2014	04	07.30943	13	52	03.54	+03	51	49.4	18.6	VqEG036G96
G3014	C2014	04	07.31825	13	52	02.53	+03	51	50.1	18.6	VqEG036G96
G3014	C2014	04	07.32708	13	52	01.51	+03	51	50.6	18.6	VqEG036G96
G3243	KC2014	04	06.80479	07	20	19.63	-02	17	58.3	18.1	VqEG036C77
G3243	KC2014	04	06.80935	07	20	20.19	-02	17	49.5	18.7	VqEG036C77
G3243	KC2014	04	06.81430	07	20	20.79	-02	17	40.7	17.8	VqEG036C77
G3243	KC2014	04	06.83598	07	20	23.48	-02	16	58.8	18.0	VqEG036K32
G3243	KC2014	04	06.84335	07	20	24.42	-02	16	44.5	17.9	VqEG036K32
G3243	KC2014	04	06.85072	07	20	25.31	-02	16	30.3	17.8	VqEG036K32
H3664	KC2014	04	06.86669	13	35	15.64	+00	25	18.9	20.2	VqEG036A13
H3664	KC2014	04	06.89022	13	35	13.49	+00	25	36.1	20.3	VqEG036A13
H3664	KC2014	04	06.91396	13	35	11.44	+00	25	49.7	20.6	VqEG036A13
K6359	C2014	04	07.37484	15	00	26.41	+38	21	04.9	20.4	VqEG036G96
K6359	C2014	04	07.38075	15	00	26.00	+38	21	11.4	20.3	VqEG036G96
K6359	C2014	04	07.38667	15	00	25.61	+38	21	18.1	20.3	VqEG036G96
K6359	C2014	04	07.39260	15	00	25.23	+38	21	24.8	20.3	VqEG036G96

O9595	C2014 04 07.12544 09 56 24.51 +12 09 18.2	19.1 VqEG036G96
O9595	C2014 04 07.13428 09 56 24.90 +12 09 11.5	19.2 VqEG036G96
O9595	C2014 04 07.14311 09 56 25.31 +12 09 04.9	19.1 VqEG036G96
O9595	C2014 04 07.15196 09 56 25.70 +12 08 58.3	19.1 VqEG036G96
P2793	C2014 04 06.91136 13 09 44.26 +36 14 50.4	17.9 RrEG036106
P2793	C2014 04 06.92549 13 09 35.23 +36 13 18.5	18.3 RrEG036106
P2793	C2014 04 06.93982 13 09 26.16 +36 11 45.9	17.5 RrEG036106
P2793	C2014 04 06.95392 13 09 17.17 +36 10 13.4	17.6 RrEG036106
Q7337	KC2014 04 06.84513 13 37 28.86 +38 03 53.3	18.0 VqEG036C77
Q7337	KC2014 04 06.84780 13 37 28.30 +38 03 57.4	18.1 VqEG036C77
Q7337	KC2014 04 06.85008 13 37 27.81 +38 04 00.8	17.6 VqEG036C77
R1480	C2014 04 07.45901 17 28 34.45 +20 18 39.5	18.7 VqEG036703
R1480	C2014 04 07.46525 17 28 34.18 +20 18 52.3	19.0 VqEG036703
R1480	C2014 04 07.47150 17 28 33.93 +20 19 06.1	18.6 VqEG036703
R1480	C2014 04 07.47779 17 28 33.63 +20 19 19.8	18.5 VqEG036703
R1480	C2014 04 07.48408 17 28 33.33 +20 19 33.6	18.6 VqEG036703
R4138	C2014 04 07.26294 11 30 17.52 +00 32 23.9	17.6 VqEG036703
R4138	C2014 04 07.27096 11 30 16.13 +00 32 41.5	17.7 VqEG036703
R4138	C2014 04 07.27896 11 30 14.75 +00 32 59.5	17.6 VqEG036703
R4138	C2014 04 07.28695 11 30 13.35 +00 33 16.6	17.6 VqEG036703
U4330	C2014 04 06.04230 22 15 16.22 +83 30 52.3	17.4 RqEG036C23
U4330	C2014 04 06.04604 22 15 21.88 +83 30 50.6	17.4 RqEG036C23
U4330	C2014 04 06.04979 22 15 27.16 +83 30 48.1	17.2 RqEG036C23
U4330	C2014 04 06.05279 22 15 31.61 +83 30 47.0	17.3 RqEG036C23
c7793	C2014 04 07.13788 08 27 52.96 -18 04 41.4	19.5 RoEG036926
c7793	C2014 04 07.15616 08 27 52.19 -18 04 26.4	19.7 RoEG036926
c7793	C2014 04 07.17442 08 27 51.42 -18 04 11.5	19.3 RoEG036926

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