

[Printer-friendly version](#)



# IAU Minor Planet Center

## MPC Operations Status

Processing ([Info](#))

ECS: Accessible

## Observer Services (NEOs)

- NEO Services Overview
- NEO Confirmation
- NEO Confirmation (RA order)
- NEO Ratings
- NEO Page
- NEO Observation Planning Aid
- NEOChecker
- NEOCMTChecker

## Observer Services

- Services Overview
- IAUMail
- Minor Planet & Comet Ephem.
- Natural Satellite Ephemerides
- New Object Ephemerides
- MPCChecker
- CMTChecker
- Distant Artificial Satellites
- Observing List Customizer
- Sky Coverage

## Orbital Elements

- Orbital Elements Overview
- MPCORB
- Orbital Elements for Programs
- MPCAT
- MPCUPDATE

## Astrometric Observations

- MPCAT-OBS
- MPCOBS

## Publications

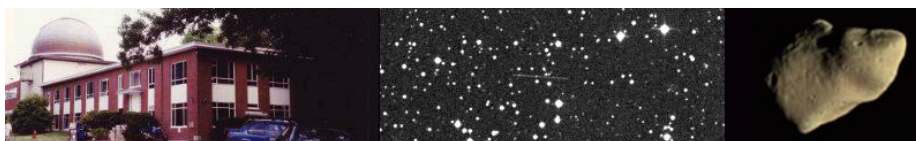
- Publications Overview
- MPECs
- MPC Archive
- MPC RSS Feeds
- CBAT RSS Feeds

## Documentation

- Documentation Overview
- Minor Body Astrometry
- MPC Status Page
- What's New

## Lists and Plots

- Lists and Plots Overview
- Minor Planets



## MPEC 2010-K13 : DAILY ORBIT UPDATE (2010 MAY 18 UT)

The following [Minor Planet Electronic Circular](#) may be linked-to from your own Web pages, but must **not** otherwise be [redistributed electronically](#).  
A form allowing access to any MPEC is at [the bottom of this page](#).



M.P.E.C. 2010-K13

Issued 2010 May 18, 06:10 UT

**The Minor Planet Electronic Circulars contain information on unusual minor planets and routine data on comets. They are published on behalf of Commission 20 of the International Astronomical Union by the Minor Planet Center, Smithsonian Astrophysical Observatory, Cambridge, MA 02138, U.S.A.**

Prepared using the [Tamkin Foundation Computer Network](#)

MPC@CFA.HARVARD.EDU

URL <http://www.minorplanetcenter.org/iau/mpc.html> ISSN 1523-6714

**DAILY ORBIT UPDATE (2010 MAY 18 UT)**

Update to [MPEC 2010-K09](#)

Full-precision elements for the objects listed here are available at <ftp://cfa-ftp.harvard.edu/pub/MPCORB/>

### New identification:

J93T37R	K07X57C	K10H46R	MPCW
J99V57P	K07Y72Q		MPCW
K01A12L	K10C00O		MPCW
K01Q46K	K07Y73U		MPCW
K02L02Y	J98D38N	K05C79N	K07X57J
K02Q98T	K07W62Q		MPCW
K03T09B	K08D27Z		MPCW
K03Uc0O	K07Y71M		MPCW
K04G40L	K08AD6V		MPCW
K04XC9O	K06H86J	K10J75E	MPCW
K05EE5Q	K07Y71U		MPCW
K05G10U	K07W62T		MPCW
K05VC0Q	K10J14Z		MPCW
K06KB9X	K10E43Z		MPCW
K06U89E	K08AD5P	K10J96Y	MPCW
K06Ua0T	K08AD6N		MPCW
K06VF0Z	K08AD5Q		MPCW
K07P49F	K10C68N		MPCW
K07R04D	K10C60R		MPCW
K10C20W	K06F16V		MPCW
K10C60O	K00J67J		MPCW
K10C74X	J95W20R	K04X45K	MPCW
K10CA8V	K06DB2C		MPCW
K10CC0J	K06E59J		MPCW
K10CC9J	K08SH7Z		MPCW
K10CG9Y	K04C10B		MPCW
K10D19A	K09BF4M		MPCS
K10D28Y	J99K17A		MPCW

Comets  
 Animations  
**General Information**  
 Astronomical Headlines  
 Press Information Sheets  
**General**  
 Contact Us  
 Index  
 Site Map  
 Search Site  
 Tech Info  
 Documentation  
**Links**  
 Minor Planet Center  
 Central Bureau for Astro. Tel.  
*International Comet Quarterly*  
 Smithsonian Astro. Obs.

K10D34G	K04G27Z	MPCS
K10H23R	K01W97N	MPCW
K10J29R	K06L06A	MPCW
K10J30W	K08V35C	MPCS
New double designation:		
K07P49F	K07RN3T	MPCW

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J93O09U	15.7	0.15	K107N	283.805	215.090	116.087	8.788	0.16715	2.68854	5	X
J93T37R	17.0	0.15	K107N	351.896	172.645	154.583	4.462	0.26055	2.27749	5	X
J94S05F	16.3	0.15	K107N	317.072	127.559	184.656	14.555	0.10442	2.60800	6	X
J96G09A	17.5	0.15	K107N	322.511	216.222	73.026	3.631	0.16766	2.29813	4	X
J97E26C	16.9	0.15	K107N	129.575	306.333	155.163	0.481	0.15340	2.57001	6	X
J97G01G	16.5	0.15	K107N	315.657	68.850	185.818	19.257	0.13803	2.68241	6	X
J97S11C	17.2	0.15	K107N	282.493	149.463	177.894	3.456	0.15931	2.28517	4	X
J97W26U	16.2	0.15	K107N	229.662	303.067	66.920	17.349	0.03637	2.93446	5	X
J98B05J	17.1	0.15	K107N	354.076	134.404	114.831	2.019	0.18376	2.45049	5	X
J98H49G	21.9	0.15	K107N	312.797	324.167	44.894	4.195	0.11313	1.20123	4	X
J98O02A	16.8	0.15	K107N	19.551	298.513	298.459	1.993	0.16150	2.58504	6	X
J98R47X	17.0	0.15	K107N	308.667	69.812	252.347	2.371	0.18979	2.13657	5	X
J98SD3O	17.5	0.15	K107N	293.819	316.302	7.302	4.584	0.26732	2.15632	4	X
J98T16J	15.5	0.15	K107N	273.360	329.926	49.170	13.698	0.29911	2.64016	4	W
J98W36Y	16.6	0.15	K107N	250.838	298.144	48.064	9.279	0.16303	2.74018	4	X
J99T51R	17.0	0.15	K107N	138.129	250.585	212.622	12.342	0.14289	2.60448	4	X
J99TC7D	16.3	0.15	K107N	166.829	228.478	193.870	12.979	0.23494	2.62096	5	X
J99TE6T	17.0	0.15	K107N	294.815	276.783	69.577	2.373	0.28393	2.47143	5	X
J99V57P	17.7	0.15	K107N	311.134	340.035	52.313	3.310	0.20752	2.41659	3	X
J99V84R	16.2	0.15	K107N	57.530	314.803	226.423	11.213	0.11212	2.62883	5	X
J99VB6F	17.6	0.15	K107N	110.604	235.094	218.950	8.299	0.09569	2.70813	5	X
J99VI8V	15.8	0.15	K107N	241.587	306.174	78.468	9.310	0.11481	2.56484	5	X
J99X74J	15.6	0.15	K107N	140.770	214.307	250.776	13.937	0.08254	2.65871	4	X
J99XN2L	17.9	0.15	K107N	168.166	236.239	200.180	1.079	0.05084	2.62399	6	X
J99Y15A	16.2	0.15	K107N	100.127	51.060	82.674	14.915	0.14897	2.67962	4	X
K00B48Q	16.7	0.15	K107N	341.107	144.152	136.227	5.566	0.11855	2.71943	5	X
K00C64T	16.0	0.15	K107N	108.489	142.309	341.529	5.760	0.13139	2.76208	6	X
K00G53D	16.7	0.15	K107N	9.986	41.585	216.073	3.831	0.19162	2.20957	5	X
K00H52U	16.5	0.15	K107N	11.003	36.445	215.201	6.564	0.09809	2.22261	6	X
K00H74D	18.0	0.15	K107N	2.032	223.693	55.301	49.239	0.59377	2.92621	3	X
K00J46C	15.9	0.15	K107N	7.891	25.135	226.364	11.012	0.22498	2.91358	5	X
K00O36G	16.6	0.15	K107N	282.626	70.017	281.218	6.698	0.20141	2.30948	4	X
K00Q92S	16.7	0.15	K107N	250.860	151.884	201.956	4.062	0.21959	2.37128	4	X
K00QG0W	17.1	0.15	K107N	299.952	94.327	230.388	5.303	0.14377	2.30360	8	X
K00SB5B	16.6	0.15	K107N	335.577	355.738	19.181	6.710	0.18593	2.23875	3	X
K00SD9D	16.8	0.15	K107N	285.653	133.255	214.168	6.581	0.13004	2.34089	6	X
K00SG8O	16.3	0.15	K107N	314.993	60.072	255.996	5.366	0.13701	2.34164	4	X
K00SN3N	15.4	0.15	K107N	327.189	199.070	107.956	7.881	0.28340	3.06592	6	X
K00SO0Q	15.7	0.15	K107N	282.714	134.260	226.624	23.072	0.21167	2.32734	4	X
K00Y58Q	15.8	0.15	K107N	50.336	261.755	281.278	8.249	0.14724	2.58718	5	X
K00YD5T	16.6	0.15	K107N	139.160	359.726	101.970	9.122	0.14913	2.53230	5	X
K01A12L	16.6	0.15	K107N	44.630	17.568	116.568	17.145	0.19193	2.68513	3	X
K01A19V	15.6	0.15	K107N	45.242	80.273	93.088	28.219	0.37499	2.61749	2	S
K01A25O	16.0	0.15	K107N	30.482	86.638	88.345	28.275	0.36566	2.67250	3	X
K01F20G	16.2	0.15	K107N	57.710	332.863	199.994	13.336	0.18696	2.67096	4	X
K01F88G	15.7	0.15	K107N	286.122	307.406	17.127	15.007	0.10346	2.66809	6	X
K01FH1P	15.4	0.15	K107N	79.961	9.530	157.385	13.759	0.09955	2.65195	6	X
K01FH9A	15.8	0.15	K107N	57.919	103.300	63.729	13.168	0.11597	2.67873	6	X
K01G01D	14.8	0.15	K107N	114.005	36.061	82.292	33.346	0.19464	2.63832	4	X
K01H00C	19.0	0.15	K107N	224.883	28.159	32.634	23.744	0.49928	0.87458	4	X
K01H61J	16.2	0.15	K107N	10.493	175.645	44.501	8.953	0.16840	2.75423	4	X
K01K01B	14.5	0.15	K107N	5.735	88.110	245.866	26.401	0.41144	2.63285	5	X
K01K64F	16.6	0.15	K107N	26.373	353.872	225.789	8.146	0.25399	2.72345	4	X
K01M11K	15.3	0.15	K107N	325.648	38.722	258.691	7.701	0.26860	2.80280	3	X
K01M25S	15.6	0.15	K107N	316.730	51.576	259.096	7.153	0.18706	2.81085	4	X
K01P33W	17.0	0.15	K107N	261.443	301.123	61.840	6.465	0.11754	2.16490	6	X
K01Q46K	15.8	0.15	K107N	16.044	7.505	318.419	13.414	0.08199	2.67151	2	W
K01QQ9S	17.0	0.15	K107N	208.988	122.319	228.542	3.336	0.17163	2.27664	5	X
K01R13X	17.7	0.15	K107N	251.039	202.141	177.656	3.362	0.11413	2.17441	5	X
K01R94H	17.2	0.15	K107N	229.928	180.386	190.215	6.823	0.18070	2.23380	3	X
K01S18Q	16.1	0.15	K107N	228.486	253.210	145.464	2.534	0.27822	3.00801	4	X
K01S94C	16.9	0.15	K107N	271.514	125.462	227.764	1.985	0.22972	2.93710	4	X
K01SL2N	16.3	0.15	K107N	277.802	161.564	175.176	9.621	0.15938	2.97463	4	X
K01T10Y	15.7	0.15	K107N	294.588	168.177	214.845	10.212	0.13613	2.86593	5	X
K01T13L	17.0	0.15	K107N	307.943	90.140	228.146	5.333	0.34279	2.16119	4	X
K01TA9W	15.8	0.15	K107N	229.890	353.056	1.487	5.367	0.28189	3.12144	5	X
K01TE3F	15.8	0.15	K107N	204.619	340.849	62.122	6.391	0.16154	3.08168	5	X

K01TF4F	15.3	0.15	K107N	198.055	354.117	51.259	11.014	0.17427	3.07339	6 X
K01TG3E	15.5	0.15	K107N	343.839	69.590	208.438	11.077	0.09487	2.97410	6 X
K01TG8T	16.2	0.15	K107N	115.661	101.398	7.124	12.738	0.12255	2.33163	4 X
K01TJ9K	16.3	0.15	K107N	251.620	219.025	147.038	8.643	0.25258	2.99420	3 X
K01TK1E	16.2	0.15	K107N	243.626	273.461	109.068	8.377	0.21616	2.99841	4 X
K01U41A	15.2	0.15	K107N	233.668	324.784	52.452	8.888	0.10904	3.07823	2 X
K01U97L	16.2	0.15	K107N	264.412	294.156	63.344	2.319	0.19040	3.01204	6 X
K01UE3V	15.9	0.15	K107N	266.599	301.455	48.539	11.101	0.15475	3.05534	5 X
K01UK1U	15.4	0.15	K107N	201.905	191.874	217.774	17.746	0.07991	3.08950	4 X
K01UM4V	15.0	0.15	K107N	356.381	193.529	31.739	16.724	0.05413	3.14921	5 X
K01W00V	14.8	0.15	K107N	273.112	108.338	239.894	8.533	0.08112	3.10817	9 X
K01W16H	15.9	0.15	K107N	262.560	297.065	43.093	11.274	0.21641	3.09189	5 X
K01W32Q	15.4	0.15	K107N	205.489	302.914	105.429	4.906	0.06747	3.14883	7 X
K01X55Y	17.7	0.15	K107N	143.898	356.708	86.670	10.207	0.18727	2.33617	3 X
K02AC0J	16.6	0.15	K107N	212.367	274.636	120.048	7.573	0.20521	2.32877	4 X
K02AK6K	15.6	0.15	K107N	153.849	236.198	201.805	20.641	0.09122	3.21817	5 X
K02C08W	17.1	0.15	K107N	48.507	252.888	290.019	5.154	0.13033	2.41944	4 X
K02C33F	16.0	0.15	K107N	6.473	128.184	109.311	12.795	0.24062	2.44629	4 X
K02C96E	17.0	0.15	K107N	47.557	61.721	141.448	2.874	0.10000	2.41703	5 X
K02C96P	16.4	0.15	K107N	27.905	100.371	124.210	3.468	0.12843	2.42394	6 X
K02CF6S	16.7	0.15	K107N	141.524	359.761	113.656	6.183	0.00548	2.34471	2 X
K02D20F	16.7	0.15	K107N	356.320	308.793	303.205	6.910	0.14988	2.43024	5 X
K02E25B	17.8	0.15	K107N	1.216	24.527	228.157	2.042	0.17782	2.45815	5 X
K02EA3D	18.2	0.15	K107N	106.033	339.120	155.101	2.510	0.15369	2.42023	5 X
K02EE8Y	17.4	0.15	K107N	50.166	159.938	358.782	20.471	0.03605	1.94006	3 X
K02G04M	17.5	0.15	K107N	274.027	150.990	207.072	20.635	0.07462	1.88595	5 X
K02G06K	15.4	0.15	K107N	87.415	60.667	30.186	22.429	0.04122	2.64395	4 X
K02G93D	16.2	0.15	K107N	39.762	209.437	355.316	5.867	0.08872	2.47790	6 X
K02GA0M	16.4	0.15	K107N	44.630	152.081	357.583	13.573	0.09246	2.54725	4 X
K02GE4Q	16.3	0.15	K107N	357.257	103.551	146.357	10.621	0.19836	2.51995	5 X
K02GH9F	17.1	0.15	K107N	26.247	153.184	64.369	4.990	0.12148	2.43712	4 X
K02J21V	16.1	0.15	K107N	27.626	344.704	212.746	13.170	0.21494	2.54649	5 X
K02J51G	15.9	0.15	K107N	0.472	198.659	45.087	14.911	0.14276	2.54381	5 X
K02J56T	17.4	0.15	K107N	53.225	336.466	232.915	19.125	0.04734	1.91361	3 X
K02J78U	16.8	0.15	K107N	341.581	358.434	229.686	3.210	0.17708	2.58429	4 X
K02JB0S	16.2	0.15	K107N	53.623	131.233	55.000	8.123	0.09154	2.54096	4 X
K02K16L	16.6	0.15	K107N	10.631	282.113	299.486	14.743	0.25353	2.61133	2 X
K02L02Y	17.0	0.15	K107N	197.298	263.309	258.402	4.727	0.12600	2.28901	5 X
K02L18S	16.4	0.15	K107N	297.232	81.269	230.856	4.833	0.28108	2.62147	7 X
K02L43Y	15.7	0.15	K107N	314.632	101.075	226.466	10.360	0.29302	2.60827	5 X
K02L62C	16.0	0.15	K107N	341.039	22.993	256.705	12.576	0.23404	2.60883	5 X
K02M05J	16.5	0.15	K107N	327.869	210.551	109.354	6.685	0.29678	2.57525	5 X
K02N22Z	15.9	0.15	K107N	274.672	229.379	130.110	15.292	0.18570	2.62244	5 X
K02N37J	16.2	0.15	K107N	348.165	109.889	168.553	7.700	0.17658	2.60284	7 X
K02N55N	16.1	0.15	K107N	242.383	212.053	165.059	8.289	0.31231	2.71606	5 X
K02P05F	15.9	0.15	K107N	325.394	48.896	216.798	7.468	0.13495	2.71125	5 X
K02P31T	16.5	0.15	K107N	313.993	166.694	152.577	13.680	0.17467	2.62598	4 X
K02P32X	16.5	0.15	K107N	15.020	65.705	169.951	5.557	0.32762	2.59640	2 X
K02P40D	15.4	0.15	K107N	7.204	78.909	170.121	26.789	0.46288	2.59625	3 X
K02P86R	15.8	0.15	K107N	301.076	209.161	130.379	15.146	0.26506	2.63068	5 X
K02P90F	16.0	0.15	K107N	296.418	71.035	258.733	10.980	0.22817	2.65923	3 X
K02PB2P	15.3	0.15	K107N	303.419	320.016	6.008	12.698	0.31137	2.65948	7 X
K02PC8M	16.4	0.15	K107N	330.892	77.209	226.682	1.725	0.20361	2.60965	5 X
K02PI0C	16.6	0.15	K107N	184.926	55.774	306.927	3.379	0.05592	2.88859	6 X
K02PI8K	17.0	0.15	K107N	353.790	138.541	124.368	7.704	0.04531	2.63521	6 X
K02Q18B	16.0	0.15	K107N	257.717	199.733	159.374	6.281	0.03408	2.71710	5 X
K02Q33H	16.5	0.15	K107N	358.646	179.699	83.996	3.875	0.18826	2.63328	6 X
K02Q35F	16.6	0.15	K107N	322.100	156.508	148.332	14.463	0.14991	2.65791	2 X
K02Q62X	16.6	0.15	K107N	277.119	341.943	135.874	2.287	0.21063	2.77792	4 X
K02Q92Q	15.4	0.15	K107N	119.690	126.907	347.004	13.228	0.04988	2.78472	5 X
K02Q98T	17.0	0.15	K107N	99.949	149.833	72.102	5.508	0.08602	2.52268	5 X
K02QC6Y	16.9	0.15	K107N	327.250	164.486	134.806	12.873	0.11850	2.65482	3 S
K02QC9S	16.6	0.15	K107N	190.161	272.814	136.964	6.584	0.02961	2.74485	4 X
K02R75N	15.4	0.15	K107N	352.891	273.839	332.099	8.232	0.10484	2.73925	5 X
K02RC4W	14.9	0.15	K107N	325.630	225.272	90.445	6.833	0.25943	2.62008	7 X
K02RC7N	16.3	0.15	K107N	323.564	85.980	226.611	10.592	0.20028	2.62420	3 X
K02RM6T	15.9	0.15	K107N	255.212	178.671	182.031	5.986	0.03981	2.73173	5 X
K02RO3E	16.6	0.15	K107N	303.834	91.207	229.047	3.439	0.08045	2.66639	5 X
K02RP1B	16.4	0.15	K107N	288.586	170.369	155.491	6.550	0.02695	2.70159	3 X
K02RP5H	16.8	0.15	K107N	221.155	242.282	144.897	8.414	0.22355	2.77466	4 X
K02S04E	15.5	0.15	K107N	298.205	120.273	227.125	10.120	0.25304	2.64202	4 X
K02T30J	16.1	0.15	K107N	243.692	157.985	220.131	3.561	0.21334	2.79521	4 X
K02T35M	15.5	0.15	K107N	110.790	237.149	186.445	8.263	0.12464	3.13366	6 X
K02T38H	16.1	0.15	K107N	266.789	203.994	207.274	10.842	0.17795	2.67875	3 X
K02T50D	15.2	0.15	K107N	303.048	132.110	212.439	12.055	0.27332	2.69542	5 X
K02T77Q	15.1	0.15	K107N	161.899	187.576	211.214	12.692	0.17007	3.01974	6 X
K02TH6T	14.8	0.15	K107N	202.731	176.685	230.088	15.678	0.30912	2.87221	4 X

K02TP2F	16.2	0.15	K107N	321.490	129.423	172.188	9.569	0.15005	2.72317	6 X
K02TS8M	15.2	0.15	K107N	245.255	95.152	263.929	10.571	0.25366	2.85083	3 X
K02TX9W	16.4	0.15	K107N	288.851	197.287	132.658	5.309	0.06660	2.77003	7 X
K02TZ4D	17.0	0.15	K107N	286.433	104.742	220.639	5.174	0.04614	2.74542	3 X
K02TZ5N	16.8	0.15	K107N	239.207	167.975	209.501	5.392	0.03287	2.74804	4 X
K02U08S	14.7	0.15	K107N	124.535	309.888	88.755	18.053	0.12810	3.21389	4 X
K02U14H	15.8	0.15	K107N	278.378	172.427	168.819	10.868	0.26215	2.78965	4 X
K02U27H	16.3	0.15	K107N	220.025	60.917	37.605	12.292	0.08457	2.68257	5 X
K02U54Z	15.5	0.15	K107N	86.653	266.187	179.264	13.256	0.10108	3.16468	6 X
K02U59Q	16.8	0.15	K107N	350.248	182.594	91.357	9.620	0.19170	2.74390	2 X
K02U73C	16.4	0.15	K107N	244.691	283.757	95.645	5.566	0.12049	2.81022	5 X
K02X20H	14.4	0.15	K107N	53.851	267.938	251.827	23.886	0.25131	3.19174	4 X
K02X45E	15.3	0.15	K107N	297.967	209.408	130.679	10.781	0.21624	2.80055	5 X
K03A16Q	15.1	0.15	K107N	154.147	185.103	283.062	16.611	0.20745	3.08485	2 W
K03C11V	15.2	0.15	K107N	248.316	244.139	122.815	17.194	0.02220	3.15316	6 X
K03D10B	14.9	0.15	K107N	137.563	67.567	70.564	27.271	0.17607	3.11033	3 W
K03E46P	17.4	0.15	K107N	42.856	289.388	265.478	5.995	0.10546	2.25033	7 X
K03E51Y	17.3	0.15	K107N	9.925	149.357	81.832	3.841	0.18706	2.27867	5 X
K03F54G	16.7	0.15	K107N	12.481	355.480	194.865	7.043	0.11949	2.35902	4 X
K03F84S	16.6	0.15	K107N	45.499	313.924	221.388	6.259	0.10545	2.29382	4 X
K03FA8S	17.5	0.15	K107N	36.354	52.327	165.068	4.863	0.18701	2.25447	5 X
K03H46B	16.6	0.15	K107N	328.602	228.343	72.734	7.173	0.12627	2.28311	7 X
K03J04E	18.1	0.15	K107N	3.832	175.121	87.888	10.051	0.31993	2.31134	2 X
K03J16X	16.1	0.15	K107N	254.786	130.226	188.194	9.885	0.30408	2.47791	4 X
K03K09O	16.8	0.15	K107N	0.684	344.528	268.641	7.585	0.16710	2.32687	5 X
K03M02O	16.6	0.15	K107N	337.391	159.233	147.761	6.947	0.29500	2.35864	6 X
K03M05Q	15.7	0.15	K107N	325.492	242.905	129.138	22.043	0.27638	2.29643	2 X
K03N04V	17.0	0.15	K107N	334.704	292.503	4.493	2.697	0.19451	2.35947	5 X
K03O27H	17.2	0.15	K107N	324.049	104.036	199.664	1.028	0.18546	2.39693	5 X
K03Q24Q	16.8	0.15	K107N	342.856	102.342	191.733	3.492	0.22504	2.39940	5 X
K03Q94A	17.0	0.15	K107N	282.620	204.373	152.499	2.327	0.18769	2.41794	7 X
K03S05T	16.2	0.15	K107N	228.873	140.800	187.423	11.357	0.18913	2.65043	6 X
K03S22R	16.0	0.15	K107N	174.129	153.616	214.711	4.214	0.16692	2.78252	4 X
K03S39Y	15.8	0.15	K107N	140.518	88.528	308.595	3.424	0.13603	2.80741	4 X
K03S57E	17.3	0.15	K107N	297.331	123.721	211.846	1.759	0.22307	2.44258	4 X
K03S60R	17.3	0.15	K107N	338.773	300.424	345.466	10.188	0.25248	2.42422	4 X
K03S63Y	16.3	0.15	K107N	145.753	220.773	195.225	8.922	0.31964	2.73664	7 X
K03SG9F	16.8	0.15	K107N	273.848	306.343	45.312	6.646	0.18417	2.48673	5 X
K03SO2T	17.1	0.15	K107N	15.301	209.318	29.662	3.148	0.17278	2.54673	6 X
K03SO5T	16.9	0.15	K107N	338.219	105.449	193.057	4.770	0.22899	2.41409	7 X
K03SO8P	15.9	0.15	K107N	102.130	248.750	208.166	13.371	0.15510	2.74219	5 X
K03SV9U	16.8	0.15	K107N	186.400	333.086	93.358	4.265	0.20436	2.61653	7 X
K03SX9V	16.1	0.15	K107N	183.323	328.710	84.732	12.201	0.12686	2.66279	4 X
K03Sd4Y	17.3	0.15	K107N	94.739	33.224	123.162	6.546	0.02179	2.58231	4 X
K03T09B	16.8	0.15	K107N	356.031	339.672	33.767	7.686	0.17870	2.27351	2 W
K03U67D	16.7	0.15	K107N	110.666	254.975	208.040	13.004	0.03656	2.67712	4 X
K03U91T	16.2	0.15	K107N	168.989	13.546	62.452	4.610	0.20288	2.65488	6 X
K03UA5F	15.7	0.15	K107N	204.619	3.854	341.330	13.190	0.00998	2.79647	5 X
K03UA7P	16.3	0.15	K107N	180.283	174.426	221.915	5.686	0.03413	2.71008	7 X
K03UB2Y	17.2	0.15	K107N	274.470	287.776	135.390	4.579	0.23549	2.39893	3 X
K03UD8N	16.1	0.15	K107N	110.362	262.143	195.704	9.217	0.15680	2.80849	4 X
K03UH5F	16.0	0.15	K107N	135.754	6.517	66.478	5.350	0.19199	2.78377	5 X
K03UQ1T	15.9	0.15	K107N	5.414	212.104	34.870	12.829	0.13550	2.57379	3 X
K03Uc0O	17.6	0.15	K107N	153.935	178.317	66.976	3.542	0.10979	2.18582	5 X
K03V08V	16.3	0.15	K107N	340.997	211.085	40.792	11.368	0.06999	2.65484	3 X
K03W09U	15.9	0.15	K107N	326.604	267.126	25.339	14.928	0.15576	2.58779	5 X
K03W82R	16.0	0.15	K107N	223.117	280.890	117.955	17.733	0.20911	2.61752	4 X
K03WA2G	17.8	0.15	K107N	324.677	231.795	60.585	20.808	0.05277	1.89534	2 X
K03WD5U	15.5	0.15	K107N	257.144	121.351	249.667	12.798	0.15064	2.59609	5 X
K03WF1V	15.5	0.15	K107N	341.087	216.824	71.428	16.816	0.17796	2.61524	6 X
K03WI3C	16.3	0.15	K107N	303.082	230.090	74.902	14.753	0.07287	2.65462	4 X
K03X15L	15.6	0.15	K107N	32.668	259.307	251.741	24.030	0.26724	3.08919	3 X
K03X40X	16.4	0.15	K107N	242.553	310.510	56.615	7.705	0.02744	2.69030	6 X
K03Y09B	16.6	0.15	K107N	189.917	321.056	107.456	23.798	0.06328	1.93120	6 X
K03Y12E	16.2	0.15	K107N	217.245	342.563	54.207	15.201	0.18881	2.65973	4 X
K03Y18K	16.5	0.15	K107N	111.923	14.908	79.736	2.741	0.16999	2.87865	6 X
K03Y33P	15.5	0.15	K107N	181.183	199.349	231.176	15.040	0.13749	2.68447	4 X
K03Y74B	16.0	0.15	K107N	224.895	322.902	74.348	11.855	0.11648	2.65099	5 X
K03YB3C	14.9	0.15	K107N	156.372	284.319	79.803	15.918	0.23910	3.05539	6 X
K04B86V	16.4	0.15	K107N	213.722	227.339	253.203	6.592	0.16758	2.58767	2 W
K04B88K	15.6	0.15	K107N	268.355	164.232	214.269	5.231	0.34857	2.59381	4 X
K04BB0H	15.0	0.15	K107N	17.698	103.052	118.537	23.689	0.13083	3.08211	4 X
K04C45E	15.8	0.15	K107N	233.792	268.677	95.388	10.660	0.06344	2.93009	5 X
K04C51E	15.2	0.15	K107N	63.330	244.489	275.616	9.015	0.10823	3.02556	6 X
K04C88X	16.6	0.15	K107N	239.001	11.307	51.991	4.999	0.19001	2.62370	4 X
K04CA6Q	16.1	0.15	K107N	45.744	306.400	235.820	8.742	0.21863	3.11500	2 S
K04D49Y	16.4	0.15	K107N	33.552	58.340	147.928	8.444	0.23218	3.07152	3 S

K04E19E	15.7	0.15	K107N	7.641	65.812	167.261	26.315	0.25023	3.15657	3 X
K04E46F	15.2	0.15	K107N	10.804	220.874	9.520	15.765	0.17621	3.12538	5 X
K04E54D	15.7	0.15	K107N	346.423	79.810	172.205	11.416	0.10377	3.10228	6 X
K04E63V	15.3	0.15	K107N	310.158	118.374	179.437	10.451	0.09522	3.12471	7 X
K04E90A	16.2	0.15	K107N	355.190	160.573	99.825	3.646	0.09361	3.10225	6 X
K04F04L	14.7	0.15	K107N	57.098	98.038	71.758	14.502	0.26966	3.16908	4 X
K04F46D	15.0	0.15	K107N	57.973	25.626	162.063	17.242	0.06279	3.06670	6 X
K04F92U	14.8	0.15	K107N	39.229	184.029	7.042	17.253	0.07795	3.18007	4 X
K04G02R	15.2	0.15	K107N	48.598	96.289	78.098	31.605	0.28553	3.18792	3 X
K04G15H	14.9	0.15	K107N	79.790	79.292	71.990	26.687	0.19091	3.11562	6 X
K04G40L	16.2	0.15	K107N	113.763	48.502	182.871	5.708	0.19105	2.76827	2 W
K04G77N	15.3	0.15	K107N	87.901	26.138	118.885	17.790	0.14752	3.13395	4 X
K04J39A	15.1	0.15	K107N	199.714	348.006	84.913	20.456	0.16669	3.08033	4 W
K04N27C	16.9	0.15	K107N	350.777	322.605	295.439	5.562	0.10234	2.19533	5 X
K04P45B	16.9	0.15	K107N	204.981	306.388	80.056	3.603	0.16490	2.31881	6 X
K04R36D	17.2	0.15	K107N	290.042	296.285	17.977	6.732	0.16078	2.25196	4 X
K04R76D	17.3	0.15	K107N	303.720	183.133	145.984	7.094	0.22069	2.20479	2 X
K04RA3X	16.9	0.15	K107N	263.678	108.072	230.042	5.126	0.21874	2.28138	4 X
K04RH8N	17.1	0.15	K107N	264.532	97.388	236.539	4.609	0.18730	2.28293	5 X
K04RI4U	14.3	0.15	K107N	69.027	285.895	312.399	12.939	0.18696	3.44178	5 W
K04RJ2B	16.3	0.15	K107N	263.329	328.047	337.486	6.034	0.10936	2.37502	5 X
K04RM7P	16.6	0.15	K107N	60.810	202.969	287.174	2.302	0.07674	2.52113	5 X
K04RN2Y	16.8	0.15	K107N	132.646	290.599	189.775	4.242	0.05445	2.32876	6 X
K04RV6O	17.1	0.15	K107N	332.985	37.362	267.921	6.663	0.21984	2.16470	3 X
K04S15P	16.9	0.15	K107N	246.811	261.716	100.977	5.966	0.13457	2.28684	5 X
K04S54G	17.0	0.15	K107N	272.406	304.213	51.741	6.039	0.19003	2.26043	5 X
K04T09Z	17.2	0.15	K107N	332.022	254.396	51.257	6.458	0.25546	2.18555	4 X
K04T17X	17.4	0.15	K107N	263.946	129.892	227.654	6.697	0.14284	2.29940	5 X
K04T18B	17.8	0.15	K107N	74.525	13.038	121.058	13.208	0.45071	1.81474	3 M
K04T33T	17.1	0.15	K107N	320.334	6.307	249.704	1.593	0.16547	2.37570	5 X
K04TA3D	17.2	0.15	K107N	231.480	164.764	222.070	1.622	0.16793	2.31925	4 X
K04TD1Y	16.9	0.15	K107N	269.409	164.245	178.262	5.321	0.21269	2.29819	3 X
K04TF7K	16.8	0.15	K107N	329.117	60.530	236.698	6.727	0.12503	2.27331	3 X
K04TK3M	17.2	0.15	K107N	256.459	157.288	223.489	7.413	0.23136	2.27629	2 S
K04TP0L	16.8	0.15	K107N	171.801	214.305	217.323	2.683	0.14888	2.40818	6 X
K04TS8E	17.2	0.15	K107N	317.386	120.992	208.812	0.624	0.24164	2.20513	5 X
K04TY6X	17.6	0.15	K107N	287.398	113.552	237.259	5.935	0.18936	2.23633	3 X
K04V25Z	17.2	0.15	K107N	242.759	140.925	242.930	1.606	0.17115	2.31767	5 X
K04V91W	16.3	0.15	K107N	157.770	190.373	193.860	8.641	0.17206	2.56542	4 X
K04X06M	15.8	0.15	K107N	257.509	152.808	222.585	24.312	0.19049	2.30946	4 X
K04X07F	15.8	0.15	K107N	123.618	206.453	256.422	11.484	0.21054	2.53924	4 X
K04X70R	16.5	0.15	K107N	86.300	27.328	113.761	8.476	0.07810	2.58626	5 X
K04X77Z	16.2	0.15	K107N	180.241	71.642	298.571	2.475	0.09307	2.59911	3 X
K04XC9O	16.9	0.15	K107N	168.360	7.538	72.329	5.412	0.05580	2.45315	4 X
K04XE7V	16.8	0.15	K107N	257.979	291.450	85.075	4.947	0.18627	2.29139	6 X
K04XH9H	16.8	0.15	K107N	209.822	279.351	127.583	5.583	0.10670	2.38009	5 X
K05A17X	16.0	0.15	K107N	64.015	241.545	284.502	6.423	0.13819	2.62446	3 X
K05A18N	16.7	0.15	K107N	129.220	344.191	118.516	6.904	0.24771	2.59321	3 X
K05A35N	16.7	0.15	K107N	84.063	359.134	151.181	5.034	0.16600	2.62135	6 X
K05A70M	16.1	0.15	K107N	120.483	49.656	51.834	13.767	0.23450	2.63970	3 X
K05B00A	17.0	0.15	K107N	144.859	318.632	135.137	15.116	0.15819	2.54272	5 X
K05C15U	16.8	0.15	K107N	56.267	40.201	139.953	14.028	0.18889	2.67773	2 S
K05C17V	16.8	0.15	K107N	89.559	346.630	153.340	2.837	0.23047	2.65085	5 X
K05C23C	15.1	0.15	K107N	65.995	331.339	130.125	28.550	0.17437	2.92781	6 X
K05C37M	16.3	0.15	K107N	51.641	40.119	132.861	15.021	0.12799	2.71200	2 S
K05D03F	16.1	0.15	K107N	11.088	320.824	279.800	4.357	0.13595	2.98264	7 X
K05E05X	15.5	0.15	K107N	38.863	45.484	163.076	14.282	0.11022	2.74231	5 X
K05E12Q	16.4	0.15	K107N	105.376	24.153	77.376	3.786	0.15308	2.78163	5 X
K05E14S	16.2	0.15	K107N	40.236	45.099	160.834	14.816	0.13587	2.72696	3 X
K05E35V	16.0	0.15	K107N	68.018	313.889	203.572	7.272	0.15737	2.78391	6 X
K05E66E	15.9	0.15	K107N	36.605	158.832	46.729	17.346	0.12956	2.75974	2 S
K05E83R	15.9	0.15	K107N	48.720	197.311	345.678	11.091	0.10723	2.79467	4 X
K05E95B	16.2	0.15	K107N	186.253	282.853	144.599	12.147	0.04878	2.65380	5 X
K05EA7G	16.1	0.15	K107N	15.548	36.963	195.919	11.904	0.27655	2.76314	3 X
K05EB9X	16.2	0.15	K107N	98.938	284.786	191.517	12.555	0.22261	2.69088	4 X
K05EC0J	15.7	0.15	K107N	156.967	278.303	171.869	22.107	0.03297	2.60817	6 X
K05ED2D	16.4	0.15	K107N	29.818	93.414	108.522	10.936	0.16738	2.76300	5 X
K05EE5Q	17.6	0.15	K107N	288.914	56.979	13.996	6.336	0.17077	2.28219	2 W
K05EG1K	16.9	0.15	K107N	57.366	357.294	161.591	2.631	0.11873	2.89709	2 X
K05EL3F	16.5	0.15	K107N	308.160	139.035	171.763	5.543	0.06274	2.70114	2 X
K05EL9Q	16.1	0.15	K107N	72.529	263.191	199.069	4.262	0.10666	3.10875	6 X
K05F11L	15.9	0.15	K107N	28.889	324.099	217.912	9.123	0.03034	3.03339	6 X
K05G07Y	16.0	0.15	K107N	347.086	64.682	212.279	12.701	0.13760	2.78797	4 X
K05G08M	16.3	0.15	K107N	56.704	283.775	233.488	23.047	0.39520	2.78711	3 X
K05G10U	17.3	0.15	K107N	212.357	53.781	79.247	3.382	0.12557	2.37442	6 X
K05G17J	17.1	0.15	K107N	211.422	197.574	177.091	6.319	0.04422	2.77570	3 X
K05G23P	15.1	0.15	K107N	297.669	126.793	133.593	27.054	0.15022	3.08165	5 X

K05G35Z	16.8	0.15	K107N	128.422	267.876	185.580	5.790	0.03545	2.80388	3 X
K05G48H	15.9	0.15	K107N	260.736	309.607	43.973	5.052	0.11900	2.81143	5 X
K05G65C	16.6	0.15	K107N	55.456	41.765	139.212	14.176	0.14740	2.78973	2 X
K05G68E	16.6	0.15	K107N	0.125	75.494	119.381	15.929	0.25233	3.05056	2 X
K05GF3A	15.1	0.15	K107N	13.504	331.445	196.353	16.145	0.15493	3.15300	4 X
K05GH1P	16.5	0.15	K107N	348.631	11.628	217.985	9.337	0.10130	3.01500	4 X
K05GJ8F	17.0	0.15	K107N	232.457	213.286	204.482	4.431	0.21825	2.59518	2 W
K05J61A	16.5	0.15	K107N	69.818	60.809	95.053	11.024	0.07201	3.02437	3 X
K05J72O	16.4	0.15	K107N	276.288	188.604	156.691	2.486	0.07511	2.86408	7 X
K05JB1M	14.9	0.15	K107N	288.974	231.198	47.371	16.435	0.04721	3.11310	4 X
K05JB2Y	16.2	0.15	K107N	319.392	56.280	241.024	2.800	0.05496	2.75153	7 X
K05JD1G	16.0	0.15	K107N	233.032	280.188	100.854	10.444	0.03673	2.90815	6 X
K05JD1R	15.9	0.15	K107N	189.759	230.691	177.547	10.427	0.03720	3.01127	5 X
K05JD4A	15.7	0.15	K107N	160.771	323.197	120.411	6.180	0.10548	2.91919	6 X
K05JD5A	15.9	0.15	K107N	313.029	48.487	213.065	9.752	0.02408	3.13928	4 X
K05JH8D	15.5	0.15	K107N	344.073	18.513	214.362	8.826	0.05265	3.09757	7 X
K05N37E	16.4	0.15	K107N	320.771	175.964	134.977	18.550	0.18585	3.14937	2 S
K05N87O	16.1	0.15	K107N	278.081	200.154	142.301	1.567	0.15420	3.23390	7 X
K05NC2Z	15.9	0.15	K107N	322.809	239.996	67.714	19.972	0.32502	3.15880	2 S
K05Q43C	15.1	0.15	K107N	336.905	133.032	167.695	26.272	0.20869	3.16619	6 X
K05SC6L	15.6	0.15	K107N	311.331	202.421	171.968	11.056	0.23121	3.13347	6 X
K05U75R	15.1	0.15	K107N	332.967	82.142	237.899	24.168	0.36874	3.19360	2 X
K05VC0Q	14.6	0.15	K107N	4.471	42.471	264.728	25.946	0.15552	3.21543	2 W
K05W55Q	16.3	0.15	K107N	65.483	267.022	246.848	22.334	0.26862	2.27843	2 X
K05WK4E	17.3	0.15	K107N	84.925	37.733	106.325	7.730	0.13409	2.32347	2 W
K05Y16N	17.0	0.15	K107N	13.227	310.754	289.390	6.291	0.14400	2.26007	4 X
K05Y42G	17.8	0.15	K107N	26.939	216.614	317.196	1.614	0.13226	2.41328	2 X
K05Y48B	17.5	0.15	K107N	50.692	260.183	242.415	2.696	0.10181	2.34399	5 X
K05Y52Y	18.1	0.15	K107N	73.131	67.302	77.258	3.090	0.15619	2.33630	5 X
K05Y82Z	17.3	0.15	K107N	73.837	42.504	123.888	7.293	0.02908	2.25286	7 X
K05Y83D	17.5	0.15	K107N	20.174	94.110	131.825	5.020	0.07583	2.24842	3 X
K05Y96P	17.6	0.15	K107N	72.880	55.081	87.715	3.164	0.16172	2.34859	3 X
K05YH9S	17.8	0.15	K107N	85.042	22.206	130.676	6.244	0.18694	2.28809	5 X
K05YN0W	16.2	0.15	K107N	8.560	291.241	302.710	6.651	0.13450	2.32135	7 X
K06A15L	17.6	0.15	K107N	32.772	80.160	129.960	3.206	0.14405	2.31173	5 X
K06A16N	16.0	0.15	K107N	37.971	251.271	133.263	4.884	0.17496	2.37797	6 X
K06A69K	17.6	0.15	K107N	59.235	227.725	262.300	2.047	0.14633	2.41169	5 X
K06AA2K	16.7	0.15	K107N	44.904	50.329	153.095	11.519	0.05676	2.37026	3 X
K06B16Z	16.9	0.15	K107N	52.224	93.262	99.536	3.338	0.17391	2.31895	6 X
K06B19W	16.7	0.15	K107N	65.081	27.815	145.937	7.276	0.12447	2.31685	7 X
K06B26D	16.2	0.15	K107N	11.543	322.323	280.567	3.787	0.20775	2.32805	5 X
K06B41Q	17.4	0.15	K107N	242.117	219.112	152.312	7.631	0.10957	2.28537	5 X
K06BC9Q	17.8	0.15	K107N	85.274	40.233	117.760	0.451	0.13823	2.31112	5 X
K06BD1E	16.8	0.15	K107N	307.990	173.864	152.582	5.200	0.16316	2.25782	5 X
K06BD6V	16.9	0.15	K107N	312.974	277.911	335.777	5.741	0.08519	2.44771	5 X
K06BF8B	17.4	0.15	K107N	350.035	270.688	353.447	4.239	0.19054	2.38114	5 X
K06BG8O	16.5	0.15	K107N	313.075	332.643	328.286	6.805	0.12329	2.33329	5 X
K06BG8V	17.3	0.15	K107N	64.413	30.968	143.122	4.034	0.17148	2.37106	4 X
K06BP4J	17.2	0.15	K107N	3.451	304.618	312.424	4.594	0.21639	2.32824	2 X
K06BP4U	17.0	0.15	K107N	347.597	323.997	308.512	4.398	0.22748	2.32891	6 X
K06C57S	17.6	0.15	K107N	48.272	99.960	85.260	3.271	0.13946	2.40553	5 X
K06D11E	16.8	0.15	K107N	52.208	48.477	150.639	20.584	0.16934	2.35023	2 X
K06D13W	17.0	0.15	K107N	59.625	206.439	342.428	2.953	0.09975	2.30641	6 X
K06D27O	17.1	0.15	K107N	110.493	330.625	158.361	5.812	0.16587	2.34134	6 X
K06D32C	17.1	0.15	K107N	340.765	293.881	344.004	6.349	0.10704	2.35393	5 X
K06D32V	16.8	0.15	K107N	6.981	205.890	347.824	11.688	0.11439	2.56578	3 X
K06D35Q	16.9	0.15	K107N	292.475	166.768	179.135	6.469	0.17821	2.29114	6 X
K06D37N	17.1	0.15	K107N	29.418	221.718	358.384	4.604	0.14123	2.40161	4 X
K06D61J	17.2	0.15	K107N	315.113	22.127	230.060	1.606	0.11698	2.61854	4 X
K06D69E	16.8	0.15	K107N	12.266	177.485	54.291	8.601	0.06243	2.32975	4 X
K06D71T	17.5	0.15	K107N	12.371	126.984	119.711	2.017	0.19832	2.40520	5 X
K06D86F	17.4	0.15	K107N	295.956	197.856	121.181	2.268	0.19850	2.38723	5 X
K06D97R	17.4	0.15	K107N	25.931	41.314	187.541	2.360	0.11481	2.39798	7 X
K06D97V	15.9	0.15	K107N	334.148	61.563	185.530	30.900	0.26278	2.62833	5 X
K06DB0K	17.3	0.15	K107N	344.462	93.234	180.537	4.501	0.14669	2.41225	7 X
K06DJ3G	16.4	0.15	K107N	8.588	234.133	12.042	5.994	0.07228	2.39134	4 X
K06E14A	18.1	0.15	K107N	7.365	83.019	167.772	2.757	0.18979	2.39412	2 S
K06E32K	16.8	0.15	K107N	102.192	248.858	189.087	7.011	0.11142	2.56520	4 X
K06E42V	16.0	0.15	K107N	142.096	59.124	334.459	7.805	0.19630	2.62562	5 X
K06E43R	15.6	0.15	K107N	328.107	133.044	110.152	13.924	0.22456	2.66011	5 X
K06E65Z	16.9	0.15	K107N	30.100	326.850	193.858	6.890	0.12791	2.62133	3 X
K06F04N	17.4	0.15	K107N	320.811	52.772	189.160	12.058	0.10616	2.65051	4 X
K06F10B	16.6	0.15	K107N	16.002	322.473	260.285	9.555	0.19277	2.47831	5 X
K06F30X	16.9	0.15	K107N	18.816	71.245	165.436	6.006	0.08871	2.36135	3 X
K06F31T	17.4	0.15	K107N	330.195	206.240	65.412	2.293	0.12966	2.54102	7 X
K06F41W	17.8	0.15	K107N	346.595	115.572	138.312	2.193	0.13174	2.53236	5 X
K06F49W	16.8	0.15	K107N	14.469	55.586	192.132	3.004	0.15167	2.40383	6 X

K06G08F	17.8	0.15	K107N	40.399	85.313	170.021	8.986	0.07028	2.26437	6 X
K06G34M	16.6	0.15	K107N	346.695	181.957	99.382	3.185	0.17267	2.44401	7 X
K06H10X	16.7	0.15	K107N	324.121	53.690	185.856	12.147	0.10626	2.69870	5 X
K06H13N	16.1	0.15	K107N	287.879	89.249	187.494	11.564	0.10199	2.72335	6 X
K06H17T	17.3	0.15	K107N	349.089	99.760	174.791	5.503	0.11485	2.37752	4 X
K06H21K	17.5	0.15	K107N	359.953	154.684	109.630	3.498	0.17188	2.45638	4 X
K06H23Z	16.5	0.15	K107N	65.110	106.543	51.898	7.771	0.06357	2.58210	3 X
K06H35F	16.7	0.15	K107N	299.788	268.330	52.712	6.831	0.28339	2.60990	3 X
K06H47B	17.3	0.15	K107N	72.214	326.225	177.749	4.409	0.12982	2.54260	5 X
K06H50D	17.1	0.15	K107N	114.022	52.980	63.897	3.452	0.15989	2.41602	5 X
K06H53V	16.0	0.15	K107N	312.156	53.814	197.285	11.492	0.10405	2.73406	5 X
K06H68Q	17.2	0.15	K107N	340.366	39.484	231.600	5.257	0.06984	2.52936	4 X
K06H79D	17.0	0.15	K107N	345.693	205.955	45.073	7.424	0.10478	2.57847	2 X
K06HA6C	16.5	0.15	K107N	72.802	280.497	185.038	8.913	0.12292	2.76253	6 X
K06J02K	16.0	0.15	K107N	137.300	0.675	85.667	9.865	0.09913	2.62812	6 X
K06J14O	17.0	0.15	K107N	254.372	217.628	130.666	2.387	0.18167	2.61618	6 X
K06J21M	17.0	0.15	K107N	6.988	84.454	152.854	7.050	0.07303	2.55351	2 X
K06J26K	15.9	0.15	K107N	55.506	160.626	11.577	8.188	0.13716	2.54967	6 X
K06J40J	17.0	0.15	K107N	108.665	70.171	55.823	7.110	0.15055	2.42300	4 X
K06J45C	15.9	0.15	K107N	181.308	5.577	57.511	15.164	0.14913	2.55478	5 X
K06J57B	14.8	0.15	K107N	261.249	252.565	86.174	25.440	0.18037	2.72058	4 X
K06K11Q	16.6	0.15	K107N	0.321	21.559	231.375	13.223	0.12147	2.55299	4 X
K06K47A	17.3	0.15	K107N	352.728	53.168	217.798	3.935	0.23070	2.53634	4 X
K06K60B	16.6	0.15	K107N	107.221	320.375	165.058	6.741	0.18384	2.54201	5 X
K06K62M	16.9	0.15	K107N	2.415	40.892	205.686	7.963	0.12633	2.56251	4 X
K06K62R	16.6	0.15	K107N	355.364	46.505	193.820	6.530	0.11033	2.62030	4 X
K06K72O	15.1	0.15	K107N	76.287	263.595	236.847	21.148	0.14999	2.64821	6 X
K06K74H	17.0	0.15	K107N	92.940	8.772	133.334	8.368	0.02031	2.62873	4 X
K06K77T	16.6	0.15	K107N	347.296	200.433	70.900	13.594	0.23146	2.57777	2 X
K06K79U	15.7	0.15	K107N	303.538	232.800	93.443	12.526	0.20164	2.58229	3 X
K06K89R	16.2	0.15	K107N	320.346	217.740	101.565	14.115	0.29678	2.58101	3 X
K06KA0P	16.4	0.15	K107N	189.742	269.650	154.010	14.722	0.05061	2.44786	5 X
K06KB2Z	16.7	0.15	K107N	26.850	358.161	166.283	37.802	0.88719	2.52388	3 X
K06KB9X	16.4	0.15	K107N	192.144	212.165	135.831	10.343	0.03150	2.98538	4 X
K06KC1G	16.3	0.15	K107N	4.816	236.254	2.326	12.253	0.12620	2.55614	4 X
K06L05E	15.8	0.15	K107N	60.604	46.398	134.384	5.848	0.14450	2.55538	6 X
K06N00U	17.6	0.15	K107N	359.739	38.348	223.098	8.959	0.25701	2.61918	3 X
K06O17W	16.4	0.15	K107N	329.166	242.783	64.600	13.723	0.26415	2.69304	2 S
K06O18O	16.0	0.15	K107N	333.117	257.915	40.346	17.711	0.24978	2.63214	3 X
K06P22D	15.5	0.15	K107N	264.623	227.831	97.358	3.479	0.06731	3.07366	7 X
K06P22Z	16.0	0.15	K107N	339.280	202.221	101.386	15.215	0.23936	2.69153	5 X
K06P34S	16.8	0.15	K107N	341.642	114.311	172.200	6.787	0.22801	2.67083	7 X
K06P36H	16.4	0.15	K107N	300.717	189.284	134.568	7.422	0.09900	2.78391	6 X
K06Q29S	16.1	0.15	K107N	320.658	233.324	79.356	4.419	0.17682	2.75411	7 X
K06Q47F	15.3	0.15	K107N	181.304	303.239	102.997	10.910	0.07764	3.20352	5 X
K06Q99E	15.0	0.15	K107N	320.834	297.420	323.601	9.175	0.09386	3.19608	5 X
K06QA9B	15.6	0.15	K107N	120.191	306.287	174.778	16.757	0.12628	3.19554	7 X
K06QB5C	16.4	0.15	K107N	324.612	86.746	224.844	9.521	0.25617	2.74249	2 S
K06QB7G	16.9	0.15	K107N	264.771	176.827	174.277	10.342	0.17915	3.00353	3 X
K06QD6J	15.7	0.15	K107N	328.395	51.340	253.334	6.936	0.22218	2.80516	5 X
K06R29W	16.2	0.15	K107N	264.585	162.828	179.402	9.414	0.07531	2.97483	4 X
K06R38Q	15.5	0.15	K107N	261.203	116.477	208.820	10.005	0.14853	3.21229	8 X
K06R78R	15.6	0.15	K107N	231.592	195.270	177.463	11.307	0.13102	3.22301	5 X
K06S33R	15.9	0.15	K107N	271.128	104.507	211.302	9.602	0.15212	3.23086	4 X
K06S42R	15.4	0.15	K107N	282.964	204.312	129.761	10.188	0.13913	3.17121	7 X
K06S43A	15.3	0.15	K107N	325.385	194.918	171.216	11.178	0.31596	2.71087	6 X
K06S54G	16.6	0.15	K107N	340.128	81.096	231.721	11.806	0.38029	2.65680	4 X
K06S95V	16.4	0.15	K107N	332.959	250.495	32.621	5.630	0.12783	3.15293	2 S
K06SA7L	16.0	0.15	K107N	244.050	181.924	185.755	1.752	0.09497	3.16172	6 X
K06SC6G	15.3	0.15	K107N	310.667	178.783	117.373	10.542	0.06620	3.10793	6 X
K06SF3P	15.2	0.15	K107N	235.043	291.041	93.071	10.753	0.09569	3.01594	5 X
K06SL2H	16.4	0.15	K107N	339.071	89.567	216.739	18.372	0.32339	2.77567	4 X
K06SL7L	15.2	0.15	K107N	270.398	167.198	172.691	11.478	0.07023	3.18597	9 X
K06SP5E	15.8	0.15	K107N	270.352	285.284	43.088	8.193	0.16826	3.14838	5 X
K06SV5E	16.1	0.15	K107N	285.645	257.740	74.061	2.711	0.08769	3.13838	5 X
K06SY7P	15.9	0.15	K107N	255.189	158.068	204.289	13.853	0.06783	3.21656	4 X
K06Sc6Z	16.0	0.15	K107N	339.801	210.803	59.048	2.586	0.04497	3.11505	7 X
K06Sc7F	16.4	0.15	K107N	306.465	135.805	172.381	9.592	0.14206	3.05231	5 X
K06Se2W	15.5	0.15	K107N	310.997	98.508	208.291	9.301	0.20786	3.15886	5 X
K06Se6D	16.2	0.15	K107N	358.438	67.677	191.413	10.236	0.09137	3.12987	2 S
K06T15W	15.2	0.15	K107N	27.159	20.991	205.714	15.078	0.00598	3.22638	2 S
K06T16G	15.9	0.15	K107N	322.979	87.484	203.247	9.365	0.05001	3.23288	2 X
K06T28M	15.5	0.15	K107N	295.598	116.548	210.109	13.585	0.19716	3.11511	3 X
K06T66R	16.0	0.15	K107N	288.682	111.562	218.662	13.158	0.10480	3.06996	2 S
K06T69J	15.0	0.15	K107N	319.633	188.090	101.286	13.116	0.04508	3.19907	6 X
K06TB9G	16.3	0.15	K107N	9.658	130.407	111.157	7.256	0.22097	3.13848	5 X
K06U07C	16.5	0.15	K107N	271.154	264.779	101.927	3.290	0.27083	3.04444	3 W

K06U40C	16.4	0.15	K107N	327.190	75.286	232.227	2.176	0.22156	2.98711	3 X
K06U80U	15.3	0.15	K107N	320.693	99.931	203.321	10.902	0.10399	3.16859	4 X
K06U89E	15.7	0.15	K107N	88.114	179.844	39.924	8.915	0.05109	2.99704	5 X
K06UA7C	16.4	0.15	K107N	286.266	210.567	136.551	2.647	0.17352	3.11351	4 X
K06UE3E	16.5	0.15	K107N	339.416	87.510	213.672	18.281	0.34979	2.77372	2 X
K06UH8M	15.3	0.15	K107N	335.040	224.626	67.306	12.403	0.17047	3.02978	5 X
K06UM2V	14.9	0.15	K107N	345.066	43.234	228.272	12.286	0.04214	3.14880	5 X
K06UX0A	16.5	0.15	K107N	320.369	69.044	189.140	12.707	0.28307	3.14402	4 X
K06UX0D	16.8	0.15	K107N	348.689	97.119	167.485	5.625	0.08114	3.09767	3 X
K06Ua0T	15.7	0.15	K107N	181.283	176.195	304.387	9.129	0.05991	3.06044	2 X
K06V73N	15.6	0.15	K107N	307.093	266.508	62.981	26.579	0.25233	3.11688	2 X
K06VE2J	16.0	0.15	K107N	327.968	71.334	228.561	12.093	0.17225	3.16876	2 X
K06VF0Z	15.4	0.15	K107N	252.224	32.541	7.437	9.368	0.06813	3.09574	4 X
K06WE6H	14.3	0.15	K107N	6.507	326.193	270.345	8.034	0.17300	3.96507	7 X
K06WG2J	16.4	0.15	K107N	289.903	113.450	230.657	5.434	0.21903	3.15387	3 W
K06Y39M	15.5	0.15	K107N	290.668	247.203	96.380	10.990	0.22140	3.14769	4 X
K07B00E	17.4	0.15	K107N	12.707	140.517	104.286	24.225	0.02435	1.86592	4 X
K07EI4Q	17.3	0.15	K107N	121.177	65.647	41.262	23.740	0.11028	1.97461	4 X
K07F37E	18.0	0.15	K107N	333.082	82.989	188.319	4.632	0.07234	2.09868	6 X
K07M04A	15.7	0.15	K107N	217.440	124.345	215.528	5.353	0.20102	2.55526	5 X
K07M10U	17.2	0.15	K107N	36.620	282.339	285.411	4.992	0.23360	2.20519	5 X
K07N01R	16.9	0.15	K107N	340.289	106.129	167.158	7.869	0.12502	2.28465	4 X
K07O03U	16.7	0.15	K107N	302.497	84.031	221.594	7.548	0.23169	2.40016	4 X
K07O05G	16.1	0.15	K107N	248.636	215.580	154.658	7.755	0.24479	2.39621	6 X
K07P00K	16.8	0.15	K107N	358.984	6.648	256.451	5.300	0.14605	2.21824	6 X
K07P15B	16.0	0.15	K107N	276.132	213.530	125.509	7.844	0.13905	2.40457	5 X
K07P19A	17.1	0.15	K107N	311.056	318.125	315.994	4.070	0.23817	2.39595	7 X
K07P37W	17.3	0.15	K107N	346.141	120.068	164.767	5.448	0.17739	2.23402	5 X
K07P42S	17.6	0.15	K107N	322.869	179.479	147.538	6.580	0.27778	2.22413	2 S
K07P49F	15.5	0.15	K107N	159.038	219.989	156.275	16.627	0.05807	3.09285	4 X
K07Q00C	18.2	0.15	K107N	318.807	142.106	158.609	2.955	0.22490	2.32655	4 X
K07Q03H	16.0	0.15	K107N	345.418	331.681	289.121	5.665	0.08203	2.39387	4 X
K07Q05T	18.2	0.15	K107N	329.691	159.163	151.445	4.502	0.23001	2.24621	2 X
K07Q09E	17.3	0.15	K107N	347.737	284.375	350.709	5.198	0.17792	2.28089	3 X
K07Q10N	16.0	0.15	K107N	132.756	69.914	336.626	10.974	0.04771	3.12910	3 X
K07Q15F	15.4	0.15	K107N	55.316	323.975	158.126	13.769	0.16679	3.12595	4 X
K07R04D	14.9	0.15	K107N	126.141	72.266	331.922	26.653	0.09048	3.13688	2 W
K07R06A	17.3	0.15	K107N	355.092	72.079	202.010	6.518	0.18754	2.27842	3 X
K07R07A	16.2	0.15	K107N	305.555	22.135	292.944	6.529	0.16107	2.38701	7 X
K07R10G	16.4	0.15	K107N	326.140	88.641	214.025	5.971	0.11828	2.34162	6 X
K07R14L	16.7	0.15	K107N	223.974	209.599	170.833	11.528	0.16083	2.63896	2 S
K07R20Y	17.5	0.15	K107N	290.954	182.914	140.279	3.055	0.20292	2.39505	4 X
K07R23W	16.6	0.15	K107N	288.929	58.841	278.801	2.825	0.13908	2.38718	5 X
K07R24E	16.6	0.15	K107N	285.492	114.325	203.271	5.842	0.13061	2.47846	2 X
K07R30R	17.1	0.15	K107N	312.433	138.989	190.353	7.919	0.21078	2.26299	5 X
K07R32P	17.0	0.15	K107N	336.442	190.163	102.857	3.879	0.13018	2.33688	4 X
K07R38V	15.4	0.15	K107N	222.796	145.962	179.772	21.564	0.05659	3.05549	5 X
K07R48Q	15.4	0.15	K107N	136.588	49.499	12.401	19.854	0.12770	3.22779	4 X
K07R71U	17.6	0.15	K107N	16.073	183.717	49.762	3.422	0.17889	2.39768	5 X
K07R72P	17.8	0.15	K107N	320.168	136.336	152.842	2.581	0.16322	2.39191	3 X
K07RA3H	17.6	0.15	K107N	325.999	123.280	192.018	3.784	0.31521	2.25762	4 X
K07RA6D	16.5	0.15	K107N	311.384	290.877	21.058	7.613	0.12324	2.44244	5 X
K07RC7S	15.8	0.15	K107N	58.074	145.227	23.389	6.749	0.21743	2.93241	6 X
K07RD5L	16.9	0.15	K107N	274.287	168.732	192.427	4.039	0.16110	2.39105	4 X
K07RE00	17.7	0.15	K107N	351.960	78.289	202.177	3.038	0.22041	2.26817	5 X
K07RE0W	17.0	0.15	K107N	326.241	134.310	171.453	6.077	0.15007	2.32725	5 X
K07RE2B	16.7	0.15	K107N	304.114	339.760	359.739	6.234	0.25365	2.34474	3 X
K07RE4C	17.4	0.15	K107N	310.737	133.304	189.198	6.123	0.14272	2.33707	4 X
K07RE7L	16.2	0.15	K107N	235.301	331.102	16.679	14.572	0.10354	2.71194	3 X
K07RE8G	17.1	0.15	K107N	290.464	225.797	101.722	6.918	0.13660	2.44663	5 X
K07RH3V	16.2	0.15	K107N	151.366	13.491	43.838	6.597	0.18953	3.12198	4 X
K07RH5X	16.0	0.15	K107N	236.652	166.018	190.922	9.697	0.13962	2.79667	4 X
K07RH9J	15.5	0.15	K107N	177.527	10.721	48.240	8.122	0.21805	3.05850	5 X
K07RL2C	16.8	0.15	K107N	5.270	43.309	213.461	4.847	0.15112	2.40538	5 X
K07RM8Z	18.1	0.15	K107N	307.717	187.760	145.455	6.995	0.20021	2.26969	2 S
K07RN4K	16.7	0.15	K107N	344.659	163.046	119.425	5.825	0.14831	2.38443	7 X
K07RN9T	16.2	0.15	K107N	346.812	181.793	95.123	7.882	0.10743	2.38110	4 X
K07RR1F	16.2	0.15	K107N	66.371	303.089	201.141	21.618	0.12279	3.08650	2 X
K07RS5D	17.2	0.15	K107N	309.570	112.444	170.147	3.650	0.05878	2.80868	3 X
K07RS8K	16.9	0.15	K107N	231.560	239.920	157.820	13.873	0.19110	2.54323	7 X
K07RT0H	16.0	0.15	K107N	295.789	316.013	1.268	14.814	0.13155	2.63163	4 X
K07RW4K	16.7	0.15	K107N	297.394	117.415	207.182	24.911	0.09685	2.61930	3 X
K07RW4Z	16.9	0.15	K107N	199.733	150.111	234.380	1.229	0.08388	2.87543	5 X
K07S09N	16.8	0.15	K107N	316.508	212.823	85.193	3.638	0.20268	2.46105	6 X
K07S19E	15.3	0.15	K107N	298.718	209.176	97.070	12.122	0.02247	2.99753	4 X
K07T04V	16.8	0.15	K107N	209.460	167.159	228.162	3.515	0.07449	2.78505	2 S
K07T05R	17.7	0.15	K107N	287.494	121.735	224.795	1.486	0.22702	2.39553	3 X



K07T20E	16.1	0.15	K107N	257.659	318.022	31.107	14.148	0.27269	2.66776	4 X
K07T45V	15.8	0.15	K107N	259.409	305.804	49.271	12.308	0.11201	2.69338	6 X
K07T66P	17.7	0.15	K107N	312.483	111.851	207.608	1.834	0.19692	2.39271	5 X
K07T67K	15.9	0.15	K107N	160.040	255.317	179.637	9.945	0.08016	2.90816	7 X
K07T68E	17.3	0.15	K107N	311.697	231.639	96.899	3.866	0.18901	2.38045	7 X
K07T68G	17.7	0.15	K107N	355.301	74.590	231.077	2.261	0.18970	2.29243	5 X
K07T70V	15.4	0.15	K107N	286.570	323.055	7.357	11.700	0.13823	2.60323	7 X
K07T86C	16.5	0.15	K107N	308.208	142.480	163.016	3.647	0.21118	2.56371	4 X
K07T87Q	16.6	0.15	K107N	283.085	230.520	107.016	3.327	0.05334	2.66834	5 X
K07T89F	16.2	0.15	K107N	236.713	213.451	168.780	5.629	0.09113	2.70331	5 X
K07T91J	17.2	0.15	K107N	316.739	89.246	234.936	8.425	0.23789	2.35346	3 X
K07T98L	16.5	0.15	K107N	24.352	182.442	45.471	3.290	0.07525	2.63599	6 X
K07TB3H	16.2	0.15	K107N	193.885	353.415	58.041	8.959	0.17604	2.77352	4 X
K07TB3N	16.5	0.15	K107N	267.164	287.966	132.219	5.973	0.12597	2.24772	6 X
K07TC1J	15.9	0.15	K107N	332.081	233.560	13.897	12.203	0.06403	3.00581	4 X
K07TC3S	16.0	0.15	K107N	262.357	278.592	56.357	6.516	0.11603	2.78227	6 X
K07TC7T	16.1	0.15	K107N	351.323	194.606	63.188	4.777	0.04895	2.76537	2 S
K07TD3J	17.1	0.15	K107N	310.502	250.373	52.219	3.058	0.08016	2.72142	2 X
K07TD4Z	17.1	0.15	K107N	343.069	297.956	335.157	5.604	0.10392	2.41496	7 X
K07TD9V	14.8	0.15	K107N	145.496	203.337	238.638	21.134	0.22045	3.16864	5 X
K07TD9W	15.5	0.15	K107N	180.774	135.520	264.208	11.324	0.15290	3.08292	6 X
K07TF7O	16.8	0.15	K107N	347.721	78.350	210.770	9.790	0.19859	2.33456	3 X
K07TG1D	16.1	0.15	K107N	166.852	7.454	44.973	2.565	0.06291	2.87879	5 X
K07TG3J	16.7	0.15	K107N	240.334	305.931	66.703	2.817	0.09396	2.67553	4 X
K07TG9G	16.6	0.15	K107N	225.330	161.921	229.234	7.385	0.22614	2.68905	3 W
K07TH2J	16.6	0.15	K107N	247.573	233.117	143.323	6.186	0.11756	2.56392	7 X
K07TH7D	16.6	0.15	K107N	273.132	137.420	179.668	5.974	0.06459	2.86350	2 X
K07TI8D	16.5	0.15	K107N	238.696	256.382	129.376	5.779	0.18336	2.62402	3 X
K07TK0N	16.5	0.15	K107N	182.298	234.069	182.890	14.497	0.09087	2.61748	3 X
K07TK3Y	16.6	0.15	K107N	297.347	262.852	53.635	10.590	0.07170	2.75374	2 X
K07TK8C	16.6	0.15	K107N	241.787	217.354	144.264	6.899	0.05036	2.71178	6 X
K07TL3Y	16.4	0.15	K107N	315.835	74.264	230.387	10.070	0.10763	2.61468	2 W
K07TM9G	16.3	0.15	K107N	279.034	265.102	43.841	2.360	0.05170	2.95145	4 X
K07TN5E	15.5	0.15	K107N	88.033	94.064	30.679	16.247	0.06165	3.17892	3 X
K07TO6C	16.9	0.15	K107N	335.861	62.257	229.002	22.326	0.26651	2.36474	2 S
K07TS7V	16.4	0.15	K107N	227.313	255.297	126.159	7.845	0.20909	2.66073	5 X
K07TS8S	15.9	0.15	K107N	223.080	294.513	85.415	11.562	0.07461	2.66829	5 X
K07TV7G	15.7	0.15	K107N	121.515	58.658	63.937	9.623	0.08350	3.00453	3 X
K07Ta2C	15.0	0.15	K107N	23.454	353.744	229.919	12.607	0.14573	3.04180	2 S
K07Ta6X	17.8	0.15	K107N	332.159	80.649	231.503	12.852	0.26981	2.35377	2 S
K07Ta7A	16.3	0.15	K107N	330.789	268.043	25.605	11.774	0.18650	2.56202	3 X
K07Tc7Y	17.8	0.15	K107N	272.217	291.420	40.614	4.521	0.17290	2.57910	3 X
K07Tf4G	16.1	0.15	K107N	269.696	307.798	55.230	14.224	0.20385	2.58898	3 X
K07Tf4H	15.5	0.15	K107N	351.413	90.049	188.588	5.169	0.16172	2.55528	6 X
K07Ti2P	16.2	0.15	K107N	319.429	100.453	199.259	14.436	0.15498	2.59496	4 X
K07Ti6Y	17.0	0.15	K107N	334.904	236.925	69.857	10.703	0.24930	2.34029	2 X
K07Ti9J	16.3	0.15	K107N	330.658	245.549	32.790	5.365	0.12499	2.80047	4 X
K07U11L	15.3	0.15	K107N	264.723	220.931	146.227	12.997	0.17539	2.59974	7 X
K07U13H	16.8	0.15	K107N	263.345	222.205	119.860	0.789	0.00432	2.89552	6 X
K07U14L	16.1	0.15	K107N	226.502	308.027	88.232	7.576	0.12996	2.64516	6 X
K07U44M	16.6	0.15	K107N	176.278	204.501	221.179	3.626	0.05513	2.78751	6 X
K07U59U	16.4	0.15	K107N	251.594	150.518	225.929	13.243	0.13510	2.63916	3 X
K07U60N	16.1	0.15	K107N	145.540	290.353	162.574	0.284	0.12942	3.12728	7 X
K07U60T	15.6	0.15	K107N	101.151	82.027	55.919	16.968	0.06931	3.11777	2 S
K07U64O	17.2	0.15	K107N	338.078	71.424	209.327	8.007	0.14633	2.56708	2 S
K07U84U	16.0	0.15	K107N	347.224	77.612	207.612	2.697	0.19233	2.54807	4 X
K07UA2A	16.9	0.15	K107N	267.628	152.379	194.438	1.528	0.08188	2.83549	7 X
K07UB4U	17.0	0.15	K107N	236.167	144.900	240.397	8.663	0.14934	2.71706	3 W
K07UB8Q	16.4	0.15	K107N	237.558	131.507	248.150	1.948	0.09489	2.72828	6 X
K07UD6F	15.9	0.15	K107N	349.927	190.428	85.174	14.189	0.12998	2.57564	4 X
K07V29Y	16.9	0.15	K107N	196.047	194.075	224.868	1.927	0.02204	2.65649	6 X
K07V41U	16.7	0.15	K107N	168.107	295.694	147.997	2.589	0.04478	2.84242	3 X
K07V57F	16.9	0.15	K107N	213.896	316.179	89.536	7.404	0.12145	2.80400	4 X
K07V87Z	15.8	0.15	K107N	304.124	358.130	323.204	6.534	0.22648	2.56022	6 X
K07V94Q	15.5	0.15	K107N	27.368	164.654	49.429	10.536	0.03784	3.02326	6 X
K07V98H	16.6	0.15	K107N	5.787	40.549	222.280	10.284	0.23398	2.39351	6 X
K07VA5T	15.7	0.15	K107N	133.252	51.895	53.377	11.387	0.10358	3.16448	5 X
K07VA6N	16.9	0.15	K107N	266.584	122.355	232.539	11.872	0.07275	2.72999	2 S
K07VE6L	15.1	0.15	K107N	4.073	332.913	269.971	9.928	0.11091	3.07530	5 X
K07VF2K	16.7	0.15	K107N	347.706	15.555	268.769	6.907	0.27282	2.54460	2 X
K07VF3K	16.2	0.15	K107N	152.998	230.161	197.690	8.924	0.05307	2.96543	4 X
K07VI5K	15.6	0.15	K107N	172.992	255.315	160.259	9.493	0.22434	3.15159	6 X
K07VO1J	16.1	0.15	K107N	341.300	156.701	120.864	8.968	0.14008	2.65113	5 X
K07VO5T	14.8	0.15	K107N	14.723	300.569	274.007	11.949	0.11304	3.12617	4 X
K07VP7N	15.8	0.15	K107N	319.028	271.158	37.805	10.031	0.17374	2.61067	3 X
K07VV1C	15.7	0.15	K107N	118.934	19.625	101.309	4.584	0.10083	3.98074	5 X
K07VV9F	16.2	0.15	K107N	26.488	157.029	56.284	12.089	0.10407	3.10720	2 X

K07W19S	16.3	0.15	K107N	288.543	220.924	115.838	4.276	0.09537	2.77016	6 X
K07W22P	16.6	0.15	K107N	323.703	54.166	247.473	12.447	0.16477	2.57189	4 X
K07W56B	15.5	0.15	K107N	175.971	353.822	74.490	18.552	0.13593	3.06846	3 X
K07X33Z	15.7	0.15	K107N	192.793	339.895	76.556	17.078	0.14780	3.11443	3 S
K07Y02H	15.2	0.15	K107N	221.384	294.996	97.916	9.976	0.06093	3.07435	7 X
K07Y04A	14.2	0.15	K107N	354.685	308.254	282.531	23.321	0.13509	3.17442	4 X
K07Y67S	16.8	0.15	K107N	245.488	46.872	55.973	6.016	0.14433	2.43141	3 W
K08A06M	16.2	0.15	K107N	186.090	322.397	80.972	14.186	0.09793	3.18367	3 X
K08A76B	16.2	0.15	K107N	193.808	97.923	7.090	9.196	0.20482	2.97911	4 X
K08C32D	15.7	0.15	K107N	304.910	230.528	141.646	15.886	0.16501	2.85354	4 X
K08C77X	15.8	0.15	K107N	181.600	307.993	156.511	17.112	0.26024	3.14602	4 W
K08CA8K	17.2	0.15	K107N	254.845	215.910	266.516	4.032	0.17147	2.40828	4 W
K08CF8L	17.1	0.15	K107N	232.272	272.069	249.795	4.020	0.17027	2.36624	2 W
K08K43B	17.4	0.15	K107N	43.262	57.593	139.834	22.216	0.05937	1.83340	6 X
K08R88S	16.2	0.15	K107N	82.536	112.452	340.469	11.286	0.14055	2.67306	3 X
K08S01V	17.5	0.15	K107N	193.063	204.383	225.647	20.439	0.08073	1.90051	4 X
K08SA2K	16.0	0.15	K107N	105.529	321.251	114.669	5.071	0.12620	2.70664	2 X
K08SF5M	17.5	0.15	K107N	167.918	17.745	38.327	6.552	0.15237	2.19696	2 S
K08SM5C	17.5	0.15	K107N	48.355	287.961	210.331	3.541	0.11499	2.65554	5 X
K08SO3P	17.5	0.15	K107N	90.560	62.036	66.071	5.712	0.10443	2.40984	4 X
K08SQ7Y	17.3	0.15	K107N	152.917	241.349	188.038	5.192	0.10909	2.35400	4 X
K08SR3F	15.7	0.15	K107N	103.348	139.490	334.265	7.924	0.14508	2.54628	6 X
K08SS1F	15.2	0.15	K107N	10.184	99.334	69.689	19.721	0.05511	3.13974	2 X
K08SS8V	17.3	0.15	K107N	49.573	351.661	166.218	1.666	0.11493	2.42908	3 X
K08SU6O	18.1	0.15	K107N	288.750	110.641	212.382	20.132	0.08423	1.94780	2 X
K08TC9D	16.7	0.15	K107N	81.413	110.420	350.571	11.413	0.09916	2.60877	3 X
K08TG9F	16.4	0.15	K107N	178.012	183.403	187.558	14.403	0.10815	2.58624	3 X
K08U04B	16.8	0.15	K107N	276.961	290.703	70.628	23.725	0.09848	1.88940	4 X
K08U04J	17.1	0.15	K107N	270.630	293.646	64.731	24.316	0.05757	1.94053	3 X
K08U75S	15.8	0.15	K107N	83.367	250.766	248.210	12.416	0.13140	2.58277	4 X
K08U98K	16.5	0.15	K107N	146.992	38.215	56.729	24.631	0.14985	2.26146	2 W
K08UD4A	16.7	0.15	K107N	94.375	273.393	228.070	6.313	0.18603	2.37811	5 X
K08UI6S	17.4	0.15	K107N	163.380	241.284	208.874	4.678	0.11740	2.20683	7 X
K08UJ1H	16.8	0.15	K107N	61.871	99.253	47.545	13.387	0.21925	2.61086	4 X
K08UM0T	16.6	0.15	K107N	338.556	278.351	297.263	1.685	0.01685	2.61518	5 X
K08UM4G	16.8	0.15	K107N	44.582	274.624	263.210	11.834	0.20515	2.61068	2 X
K08UW5J	16.7	0.15	K107N	227.925	53.367	280.192	1.437	0.11058	2.52263	5 X
K08UX7M	16.6	0.15	K107N	37.408	291.690	211.008	4.140	0.11374	3.11684	4 X
K08UY9D	16.1	0.15	K107N	62.356	274.961	200.781	4.721	0.11138	3.10637	5 X
K08V60Z	16.6	0.15	K107N	60.143	283.757	204.004	4.338	0.06889	2.78511	4 X
K08W60D	15.7	0.15	K107N	117.366	199.920	226.674	4.779	0.29027	2.98427	4 X
K08W61U	16.6	0.15	K107N	158.037	357.112	76.709	14.244	0.11053	2.38886	4 X
K08W87O	17.3	0.15	K107N	41.958	126.261	77.532	4.833	0.03871	2.16486	4 X
K08W90G	16.6	0.15	K107N	147.444	357.388	83.143	14.352	0.14332	2.64093	4 X
K08W94P	16.1	0.15	K107N	157.271	359.455	87.198	5.785	0.19991	2.59854	6 X
K08W96N	17.7	0.15	K107N	230.059	250.979	115.453	6.038	0.12006	2.20871	5 X
K08W98M	15.3	0.15	K107N	108.277	280.937	147.624	10.515	0.09583	3.08148	3 X
K08WC6N	17.1	0.15	K107N	112.496	53.208	85.225	7.703	0.07581	2.28391	3 X
K08WD4G	17.9	0.15	K107N	184.332	342.128	80.931	7.201	0.13180	2.24518	3 X
K08WD4R	16.4	0.15	K107N	23.758	100.695	115.539	16.876	0.19351	3.12907	3 X
K08WD7M	14.9	0.15	K107N	80.044	165.756	281.104	15.578	0.07718	3.23841	6 X
K08X21H	16.8	0.15	K107N	98.084	41.337	96.400	12.150	0.15806	2.72398	4 X
K08Y04K	16.9	0.15	K107N	205.191	141.461	264.452	5.526	0.12235	2.37013	5 X
K08Y14F	16.2	0.15	K107N	151.811	318.656	119.187	7.294	0.13107	2.66256	5 X
K08Y31Y	17.2	0.15	K107N	253.184	303.826	116.275	27.744	0.14651	1.90046	4 X
K08Y32J	16.9	0.15	K107N	7.260	147.092	93.391	3.739	0.12747	2.61093	2 S
K08Y35T	16.9	0.15	K107N	195.517	298.095	105.917	8.975	0.12059	2.59107	3 X
K08Y50S	16.8	0.15	K107N	106.697	54.080	72.546	4.163	0.10366	2.99604	3 X
K08Y79M	17.4	0.15	K107N	251.631	217.785	144.764	6.703	0.13700	2.46606	4 X
K08Y83Z	16.2	0.15	K107N	73.864	59.670	97.644	10.254	0.07170	2.83945	2 S
K08YA5N	16.6	0.15	K107N	74.288	36.703	119.649	18.586	0.17372	3.12681	2 X
K08YC3G	17.0	0.15	K107N	22.486	38.122	162.301	3.170	0.07881	3.07863	4 X
K08YE8X	16.5	0.15	K107N	119.383	12.907	87.913	9.449	0.17289	2.77832	2 X
K08YH1A	15.8	0.15	K107N	57.635	78.567	101.511	12.413	0.07971	3.00179	3 X
K09A22C	17.0	0.15	K107N	321.220	189.095	119.507	7.914	0.17311	2.23949	6 X
K09A30V	17.2	0.15	K107N	311.169	197.173	110.981	7.255	0.13715	2.29041	3 X
K09A44E	16.7	0.15	K107N	135.475	309.732	147.725	7.586	0.05588	3.06040	4 X
K09A50N	17.3	0.15	K107N	245.793	275.919	103.345	8.021	0.11632	2.21312	4 X
K09B01D	17.0	0.15	K107N	82.206	23.338	133.188	6.140	0.00647	2.72270	5 X
K09B10L	17.1	0.15	K107N	179.310	307.318	111.153	7.405	0.08450	2.64813	4 X
K09B13T	16.7	0.15	K107N	212.811	247.863	147.336	7.034	0.17625	2.42708	4 X
K09B17P	15.7	0.15	K107N	72.324	232.090	285.597	7.400	0.07869	3.08214	7 X
K09B21R	15.6	0.15	K107N	161.659	287.249	108.387	14.106	0.07025	2.76745	4 X
K09B45H	16.7	0.15	K107N	255.622	227.370	144.285	14.985	0.09044	2.58206	4 X
K09B56V	15.6	0.15	K107N	341.173	283.028	324.118	8.174	0.03264	3.03655	7 X
K09B57H	16.8	0.15	K107N	2.449	167.800	77.756	1.959	0.13182	3.05135	5 X
K09B63B	16.2	0.15	K107N	316.393	333.338	328.513	5.519	0.15884	2.61762	5 X

K09B71F	15.7	0.15	K107N	108.023	261.214	225.256	3.074	0.12195	2.96921	4 X
K09B71N	17.0	0.15	K107N	242.075	155.588	219.960	4.911	0.10745	2.39663	6 X
K09B82T	16.1	0.15	K107N	89.179	72.432	69.016	7.174	0.17398	3.07319	2 S
K09B85X	16.1	0.15	K107N	253.159	200.967	141.253	10.649	0.06161	2.92508	4 X
K09B88N	16.5	0.15	K107N	221.265	244.469	137.567	7.035	0.05161	2.76255	5 X
K09B91V	15.9	0.15	K107N	342.745	246.398	26.297	0.801	0.19924	3.05601	5 X
K09BA1E	16.3	0.15	K107N	137.346	24.191	80.102	13.395	0.11310	2.72458	5 X
K09BA2B	16.3	0.15	K107N	139.254	316.414	145.807	15.529	0.07159	3.22412	3 X
K09BA5C	16.2	0.15	K107N	12.641	85.020	156.154	12.535	0.12361	3.14285	2 X
K09BC6X	16.7	0.15	K107N	77.431	322.928	208.883	1.246	0.03921	2.89605	3 X
K09BC7W	15.7	0.15	K107N	340.751	125.962	144.734	9.711	0.09839	3.07822	6 X
K09BE2E	16.3	0.15	K107N	58.318	87.590	100.545	3.848	0.07105	3.01644	5 X
K09BF3H	16.9	0.15	K107N	13.620	175.249	53.744	0.716	0.12388	3.10217	5 X
K09BF3O	17.3	0.15	K107N	141.763	36.910	74.351	0.756	0.02899	2.66759	6 X
K09BG0M	16.1	0.15	K107N	275.840	149.620	159.584	9.296	0.05632	3.16754	6 X
K09BG1Q	15.5	0.15	K107N	307.078	138.036	174.544	12.734	0.14092	3.15332	2 S
K09BH2V	15.8	0.15	K107N	106.186	211.717	277.917	5.394	0.03168	3.22507	5 X
K09BH8H	15.9	0.15	K107N	186.042	265.649	142.150	8.703	0.01659	3.25622	4 X
K09BI5J	16.1	0.15	K107N	349.501	111.802	147.912	12.591	0.09889	3.14023	2 X
K09BI8O	15.7	0.15	K107N	269.553	191.270	154.686	16.606	0.05283	3.07505	3 X
K09C03D	16.2	0.15	K107N	185.304	331.925	78.191	14.425	0.27874	2.56065	3 X
K09C35B	16.6	0.15	K107N	135.413	20.062	92.038	6.204	0.08260	2.73070	6 X
K09C42N	14.9	0.15	K107N	6.674	149.722	101.556	11.691	0.07905	3.07456	8 X
K09C42W	16.1	0.15	K107N	72.216	32.197	126.307	16.893	0.16378	3.18256	2 X
K09C45R	16.7	0.15	K107N	307.969	221.695	96.952	7.346	0.10319	2.37550	5 X
K09C53G	15.9	0.15	K107N	70.783	115.312	64.012	9.248	0.11306	3.18203	3 X
K09D15Z	15.4	0.15	K107N	73.621	15.905	154.052	16.592	0.03963	3.18606	5 X
K09D48G	15.8	0.15	K107N	350.080	200.616	65.634	6.458	0.08090	3.17539	6 X
K09D89U	16.3	0.15	K107N	245.416	217.292	141.487	6.761	0.04867	2.73086	4 X
K09DC4L	15.9	0.15	K107N	282.452	349.783	18.020	6.349	0.27336	2.57716	4 W
K09E21G	15.3	0.15	K107N	152.557	318.331	140.973	9.489	0.10331	3.16061	5 X
K09H00Y	15.5	0.15	K107N	27.034	245.347	32.658	15.560	0.13472	3.13902	4 X
K09K03O	16.1	0.15	K107N	176.633	47.568	97.198	15.169	0.05082	2.73356	3 W
K09K19N	15.6	0.15	K107N	67.599	126.440	120.280	17.121	0.12452	3.11687	2 W
K09SA3O	17.5	0.15	K107N	49.717	304.594	194.786	29.463	0.66391	2.00353	2 M
K09Sa0N	14.7	0.15	K107N	60.304	309.937	58.905	30.043	0.25972	3.16653	4 X
K09Y00D	16.9	0.15	K107N	51.579	336.838	127.919	4.367	0.14482	2.58711	4 X
K09Y25P	16.4	0.15	K107N	349.006	231.833	314.729	11.855	0.04613	2.56181	4 X
K10A32F	17.8	0.15	K107N	91.917	138.242	297.516	2.530	0.17384	2.40391	4 X
K10A50P	15.8	0.15	K107N	351.785	295.589	254.827	4.841	0.14921	2.90330	3 X
K10A75E	17.3	0.15	K107N	56.301	195.457	259.727	4.331	0.19345	2.39602	4 X
K10B06M	17.1	0.15	K107N	11.086	47.167	130.605	1.982	0.12696	2.41493	5 X
K10C09K	16.1	0.15	K107N	335.458	132.383	156.392	7.223	0.19675	2.72626	7 X
K10C10A	14.8	0.15	K107N	344.286	203.108	57.047	3.595	0.13951	3.95505	8 X
K10C10B	15.8	0.15	K107N	349.941	248.937	23.917	9.084	0.27877	3.11969	4 X
K10C18Y	16.1	0.15	K107N	50.919	167.645	330.484	5.261	0.05025	2.61220	4 X
K10C20W	17.1	0.15	K107N	347.856	48.787	150.169	4.095	0.03688	2.73631	4 X
K10C52N	16.5	0.15	K107N	5.021	158.759	98.346	10.618	0.22599	2.60054	2 X
K10C60L	17.0	0.15	K107N	51.214	319.061	178.068	4.011	0.18184	2.40327	5 X
K10C60O	16.3	0.15	K107N	9.324	19.301	154.271	12.623	0.12220	3.07699	4 X
K10C74X	16.7	0.15	K107N	337.636	70.857	145.254	3.379	0.10088	2.66508	8 X
K10C84X	17.7	0.15	K107N	65.237	138.345	350.941	5.829	0.11415	2.30277	5 X
K10C98M	16.8	0.15	K107N	88.384	126.148	321.493	5.683	0.02020	2.78539	3 X
K10CA7T	15.3	0.15	K107N	47.579	332.341	162.817	11.807	0.25868	3.13551	5 X
K10CA8V	17.3	0.15	K107N	75.748	142.638	322.082	4.741	0.05439	2.57272	3 X
K10CC0J	16.8	0.15	K107N	66.945	128.306	340.651	11.281	0.13136	2.61224	3 X
K10CC0L	16.4	0.15	K107N	17.581	46.514	125.001	7.844	0.08049	2.58821	4 X
K10CC9J	15.6	0.15	K107N	19.809	123.061	34.228	15.597	0.18463	3.19170	4 X
K10CD3V	16.2	0.15	K107N	312.229	151.992	157.570	16.539	0.13822	3.15054	5 X
K10CD7Z	16.3	0.15	K107N	125.461	70.240	347.656	12.532	0.08289	2.71437	4 X
K10CD9K	16.5	0.15	K107N	113.610	139.453	283.971	2.667	0.06203	2.73823	2 X
K10CE6P	17.1	0.15	K107N	325.731	264.033	339.917	5.612	0.07320	2.29377	3 X
K10CF9S	16.7	0.15	K107N	36.807	331.694	189.026	4.332	0.19673	3.00682	3 X
K10CG9Y	16.3	0.15	K107N	127.648	72.691	323.550	17.610	0.13492	3.21099	3 X
K10CH0V	16.7	0.15	K107N	189.397	19.567	344.094	5.673	0.04160	2.71455	3 X
K10CH5B	15.9	0.15	K107N	105.269	94.644	349.000	7.873	0.04964	2.65514	4 X
K10CI0Q	15.6	0.15	K107N	25.809	34.453	116.460	17.710	0.23872	3.09500	2 X
K10D03G	16.6	0.15	K107N	13.395	298.225	246.330	4.238	0.12544	2.43745	3 X
K10D08Q	16.6	0.15	K107N	34.313	357.748	170.847	11.221	0.04636	2.58088	4 X
K10D14E	16.2	0.15	K107N	283.629	133.281	203.250	11.632	0.07785	2.77346	3 X
K10D16U	16.4	0.15	K107N	18.307	93.524	135.095	7.026	0.12671	3.11895	4 X
K10D18Q	15.5	0.15	K107N	43.901	97.229	95.778	23.395	0.11893	3.10871	3 X
K10D19A	15.8	0.15	K107N	18.881	99.163	128.117	22.479	0.10726	3.05875	2 S
K10D21X	17.0	0.15	K107N	101.438	127.816	303.987	5.443	0.12697	2.23155	4 X
K10D22F	15.5	0.15	K107N	349.329	146.994	117.716	10.871	0.09429	3.09557	2 X
K10D28Y	15.2	0.15	K107N	67.594	286.559	235.532	14.938	0.18644	3.10984	5 H
K10D34C	17.1	0.15	K107N	203.479	297.331	85.558	23.341	0.11675	1.89482	5 X

K10D34G	15.4	0.15	K107N	60.072	108.624	57.293	26.870	0.22969	3.13122	2 S
K10D55G	15.2	0.15	K107N	332.775	118.209	180.917	15.956	0.20325	3.15320	3 X
K10D78D	16.6	0.15	K107N	335.255	324.834	281.770	5.793	0.06293	2.41360	4 X
K10E21R	16.6	0.15	K107N	62.571	123.303	11.132	12.238	0.21417	2.66177	2 X
K10E30E	16.3	0.15	K107N	341.512	197.244	50.930	6.364	0.20398	2.39152	6 X
K10E34U	16.3	0.15	K107N	352.495	93.314	130.924	4.220	0.03631	2.76812	4 X
K10E38G	17.5	0.15	K107N	340.609	90.386	175.993	3.489	0.13065	2.19150	4 X
K10E39X	15.2	0.15	K107N	327.098	268.536	6.693	24.974	0.28466	3.18257	5 X
K10E40G	17.5	0.15	K107N	357.132	44.820	183.510	2.154	0.17453	2.35589	6 X
K10E42Y	16.9	0.15	K107N	51.915	134.383	17.755	25.392	0.18813	2.43645	2 X
K10E45T	15.5	0.15	K107N	46.517	132.552	15.188	11.391	0.09457	3.10876	2 X
K10E77N	16.8	0.15	K107N	100.741	288.115	182.199	22.252	0.10291	1.99407	4 X
K10E87S	16.5	0.15	K107N	346.855	65.044	201.839	12.646	0.17947	2.65932	4 X
K10EA5A	16.0	0.15	K107N	59.863	15.722	141.479	12.140	0.05322	2.55289	3 X
K10EA8Z	17.2	0.15	K107N	17.873	152.331	64.087	3.098	0.17130	2.38530	3 X
K10EA9B	17.1	0.15	K107N	345.407	193.733	63.815	5.201	0.17409	2.60638	4 X
K10EA9X	16.5	0.15	K107N	252.607	152.789	164.865	5.476	0.07458	2.73837	3 X
K10EB2X	18.2	0.15	K107N	13.506	57.984	165.072	1.665	0.13964	2.31748	3 X
K10EC1E	16.6	0.15	K107N	43.220	95.568	76.184	9.260	0.12456	2.40781	4 X
K10EC4M	16.7	0.15	K107N	11.511	172.914	19.483	10.069	0.14042	2.74953	3 X
K10ED5R	17.9	0.15	K107N	96.666	47.266	74.100	3.625	0.12828	2.39181	2 X
K10EE0Q	17.3	0.15	K107N	121.397	64.536	32.668	20.770	0.13089	1.92359	4 X
K10F28V	17.1	0.15	K107N	0.307	127.359	107.914	2.946	0.17280	2.40160	6 X
K10F31P	16.6	0.15	K107N	14.432	358.266	177.245	4.795	0.20979	3.12876	5 X
K10F56A	17.2	0.15	K107N	333.372	276.186	355.252	2.658	0.15556	2.38248	4 X
K10F56X	17.5	0.15	K107N	325.228	139.781	137.316	3.244	0.20455	2.28053	7 X
K10F84R	16.1	0.15	K107N	24.802	169.829	47.190	13.513	0.05068	2.77647	3 X
K10F85F	15.4	0.15	K107N	41.288	119.561	57.235	9.822	0.07811	3.04371	3 X
K10F86A	16.0	0.15	K107N	160.817	34.707	12.085	18.281	0.08971	3.12115	3 X
K10F90W	17.7	0.15	K107N	8.440	72.814	169.289	6.212	0.14733	2.26202	2 X
K10F92J	16.7	0.15	K107N	38.970	130.423	40.734	28.080	0.29096	2.71605	2 X
K10G26M	17.2	0.15	K107N	344.780	210.875	65.367	2.275	0.16807	2.44402	5 X
K10G27A	15.5	0.15	K107N	90.369	311.887	177.491	13.044	0.12042	3.04607	2 X
K10G28M	16.4	0.15	K107N	50.821	75.277	118.695	6.841	0.09387	2.45531	5 X
K10G30Q	16.4	0.15	K107N	331.348	234.447	32.294	10.417	0.18926	3.15509	2 X
K10G33K	17.5	0.15	K107N	29.510	33.755	161.060	8.590	0.16695	2.58831	4 X
K10G96Z	15.8	0.15	K107N	324.511	85.544	217.237	12.720	0.22690	2.69548	3 X
K10G97F	17.1	0.15	K107N	336.568	93.628	193.441	11.447	0.18053	2.54997	5 X
K10G97W	16.3	0.15	K107N	317.430	227.966	41.914	17.692	0.04159	3.07449	2 X
K10G97X	15.9	0.15	K107N	0.021	187.011	40.986	17.707	0.13121	3.15532	2 X
K10G99W	16.8	0.15	K107N	345.674	187.440	75.593	7.077	0.10415	2.40341	4 X
K10GA0K	16.9	0.15	K107N	339.862	203.124	72.727	3.021	0.10549	2.36452	5 X
K10GA1M	17.3	0.15	K107N	308.035	219.252	97.016	6.610	0.17920	2.27381	5 X
K10GA5L	16.1	0.15	K107N	31.969	42.331	158.633	7.344	0.10064	3.18303	2 X
K10GB3X	17.4	0.15	K107N	9.027	0.707	236.388	1.533	0.17055	2.35930	6 X
K10GC6Z	17.4	0.15	K107N	322.417	206.763	99.910	7.991	0.21430	2.31976	2 X
K10GF8S	17.9	0.15	K107N	351.512	90.428	178.464	5.121	0.23966	2.31665	4 X
K10H23R	15.3	0.15	K107N	328.040	213.296	63.538	24.253	0.13347	3.16334	2 W
K10J29R	16.3	0.15	K107N	356.322	152.143	105.985	12.215	0.13755	2.68849	4 X
K10J30W	16.0	0.15	K107N	30.658	334.463	219.840	11.726	0.23354	2.76566	2 S
K10J34X	15.9	0.15	K107N	28.033	216.784	0.011	4.897	0.21347	2.57159	2 X
T2S5002	15.1	0.15	K107N	317.625	104.466	215.441	16.702	0.24618	3.07973	5 X
T3S2320	16.0	0.15	K107N	306.848	302.990	4.867	11.045	0.10625	2.63051	4 X
T3S4192	16.2	0.15	K107N	274.420	288.652	44.608	10.709	0.21117	2.63188	5 X

## New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K08D51X	16.7	0.15	K107N	244.803	3.706	72.766	7.037	0.22749	2.61004	108 W
K10C57A	16.6	0.15	K107N	21.334	181.319	352.820	8.899	0.14231	2.63842	93 X
K10F81C	21.8	0.15	K107N	19.974	63.245	144.626	1.685	0.62834	2.66502	48 X
K10H00C	21.3	0.15	K107N	9.974	246.559	20.780	6.886	0.52033	2.13042	30 X
K10J00F	19.4	0.15	K107N	103.140	260.131	221.178	43.674	0.30585	1.65947	13 X
K10J00G	20.9	0.15	K107N	339.806	292.120	49.790	23.233	0.31909	1.18937	13 X
K10J01K	24.4	0.15	K107N	334.087	135.180	203.635	0.170	0.15020	1.02612	37 X
K10J33K	21.0	0.15	K107N	356.728	289.144	29.052	3.997	0.60859	2.20841	11 X
K10J33L	17.6	0.15	K107N	336.604	307.723	53.697	5.115	0.72595	2.57642	11 X
K10J34S	20.8	0.15	K107N	353.832	262.580	36.340	25.412	0.48851	2.19478	10 X
K10J34T	18.7	0.15	K107N	286.754	326.425	58.701	44.407	0.40346	1.48418	10 X
K10J34U	22.2	0.15	K107N	339.965	78.215	223.875	29.180	0.06344	1.29499	9 X
K10J34V	20.9	0.15	K107N	4.939	86.815	225.540	7.219	0.54444	1.72432	10 X
K10J35A	20.6	0.15	K107N	351.236	277.509	48.695	29.400	0.58415	2.19890	9 X
K10J39W	24.5	0.15	K107N	49.733	36.622	157.834	3.004	0.39068	1.63783	7 X
K10J41J	21.8	0.15	K107N	133.876	29.165	50.331	3.269	0.67245	1.07309	7 X
K10J41K	20.0	0.15	K107N	16.704	144.425	72.239	25.676	0.57954	2.80818	7 X
K10J71N	21.4	0.15	K107N	14.697	185.267	62.585	17.601	0.58059	2.37854	7 X
K10J80H	24.6	0.15	K107N	41.047	252.675	228.244	21.617	0.77712	2.07654	4 X
K10J88E	21.5	0.15	K107N	39.611	258.128	226.600	10.807	0.76459	2.11786	3 X

K10J88F	18.5	0.15	K107N	353.612	211.413	114.915	17.031	0.63670	2.13784	2 X
K10J88H	18.0	0.15	K107N	41.970	354.933	103.038	21.118	0.77728	2.19545	2 X
K10J88L	26.8	0.15	K107N	7.428	45.710	274.500	0.106	0.50243	1.42116	2 W
K10JB0H	26.2	0.15	K107N	18.111	165.541	71.929	0.765	0.56056	2.34380	2 X
K10K00C	24.1	0.15	K107N	342.367	295.487	96.667	2.183	0.61765	0.77753	1 W
K10K00D	21.8	0.15	K107N	84.295	92.207	79.534	17.573	0.22015	1.36298	1 W
K10K00E	26.6	0.15	K107N	16.952	224.874	56.436	5.241	0.24511	1.29746	1 X

## New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K07M27P	15.8	0.15	K078S	14.569	342.790	315.607	13.832	0.08931	2.56956	131	W
K07RE0L	18.1	0.15	K07A7	9.482	143.927	204.806	1.478	0.23731	2.34558	66	W
K07RR0R	16.8	0.15	K07AR	54.788	115.766	228.364	3.774	0.19685	2.20761	94	W
K07RW5V	17.0	0.15	K079H	343.635	14.078	24.408	4.708	0.13583	3.11659	37	W
K07RW5W	17.8	0.15	K07A7	15.810	330.164	10.130	6.809	0.19043	2.39787	66	W
K07RW5X	18.2	0.15	K079H	10.361	227.262	125.469	2.230	0.16826	2.82361	35	W
K07RW5Y	17.1	0.15	K07AR	50.631	306.178	39.340	9.627	0.17720	2.73211	94	W
K07RW5Z	16.2	0.15	K07A7	104.218	56.171	219.822	16.839	0.19535	2.58418	60	W
K07RW6A	15.7	0.15	K07AR	351.580	24.024	44.301	11.712	0.10876	3.19529	91	W
K07S23Y	16.3	0.15	K07BG	336.742	256.150	202.763	28.547	0.31471	2.62579	138	S
K07S24G	15.8	0.15	K07AR	39.543	138.889	239.694	8.891	0.07914	3.01518	91	W
K07S24H	16.1	0.15	K07BG	40.945	319.878	88.371	18.645	0.15197	3.02490	114	W
K07TA9X	17.4	0.15	K07AR	28.540	302.096	53.002	11.056	0.20277	2.41278	60	S
K07Ta4E	15.2	0.15	K07C6	85.714	265.241	108.640	22.609	0.13153	3.14704	139	W
K07Th1Y	15.8	0.15	K07AR	30.911	292.529	60.959	16.991	0.23121	3.04987	59	W
K07Tj0X	17.5	0.15	K07A7	334.334	317.405	108.211	3.304	0.16208	2.37933	29	S
K07Tj2K	15.9	0.15	K07BG	36.236	140.398	231.041	4.763	0.29309	2.57159	97	W
K07Tj2L	16.4	0.15	K07AR	46.422	325.469	23.369	5.597	0.12950	2.90845	59	W
K07Tj2M	17.5	0.15	K07A7	36.876	352.967	329.318	5.422	0.18798	2.33537	4	W
K07Tj2N	15.4	0.15	K07C6	344.680	60.133	33.341	15.938	0.20700	3.07669	143	W
K07Tj2O	17.0	0.15	K07AR	311.714	203.053	269.622	6.668	0.18482	2.75366	57	W
K07Tj2P	18.2	0.15	K07A7	3.893	315.980	55.540	6.288	0.30790	2.81309	8	W
K07Tj2Q	18.4	0.15	K07A7	9.253	320.284	45.560	7.753	0.18032	2.18288	8	W
K07Tj2R	17.6	0.15	K07BG	14.712	311.759	73.269	8.959	0.23160	2.73775	92	W
K07Tj2S	15.9	0.15	K07AR	356.962	333.219	73.957	10.005	0.15950	3.10672	32	W
K07Tj2T	17.5	0.15	K07AR	106.427	148.583	140.067	5.675	0.10205	2.36425	36	W
K07Tj2U	17.1	0.15	K07AR	249.754	97.396	79.559	9.194	0.20246	2.50502	39	W
K07Tj2V	15.4	0.15	K07C6	198.187	177.361	106.174	18.030	0.00743	3.05869	141	W
K07Tj2W	18.6	0.15	K07A7	357.777	216.475	161.211	3.464	0.16649	2.25216	20	W
K07Tj2X	16.5	0.15	K07AR	357.420	206.616	215.433	13.107	0.23790	2.67491	66	W
K07Tj2Y	16.9	0.15	K07BG	103.062	152.471	144.783	5.844	0.13435	2.33826	65	W
K07Tj2Z	17.0	0.15	K07BG	329.983	242.345	226.353	9.001	0.19689	3.14110	65	W
K07Tj3A	15.5	0.15	K07BG	177.584	22.077	225.102	8.258	0.14227	3.07251	88	W
K07Tj3B	17.1	0.15	K07BG	50.564	282.276	54.633	15.653	0.14847	2.56852	89	W
K07Tj3C	15.2	0.15	K07BG	57.197	310.451	47.145	13.828	0.20205	2.58831	90	W
K07Tj3D	16.7	0.15	K07BG	102.733	247.173	66.775	5.036	0.03830	2.76671	77	W
K07Tj3E	17.6	0.15	K07BG	344.457	20.192	63.989	2.112	0.14927	2.35310	77	W
K07Tj3F	15.3	0.15	K07BG	88.543	278.718	84.736	11.033	0.06534	3.04127	87	W
K07UA1V	17.3	0.15	K07AR	76.866	231.554	80.663	1.489	0.21173	2.25915	106	W
K07UD4C	15.3	0.15	K07BG	15.925	236.783	162.337	16.109	0.10027	3.11531	57	W
K07UD7P	16.6	0.15	K07A7	267.670	251.639	233.735	9.878	0.08604	2.61813	56	S
K07UE1O	18.0	0.15	K07BG	354.594	179.039	240.975	7.994	0.26346	2.77762	76	W
K07UE1P	15.2	0.15	K07AR	265.606	59.705	98.707	10.220	0.07025	2.97028	48	W
K07UE1Q	16.2	0.15	K07BG	144.589	231.063	28.002	13.674	0.13720	2.61198	59	W
K07UE1R	16.7	0.15	K07BG	93.478	247.696	68.278	12.177	0.11647	2.63503	56	W
K07UE1S	16.8	0.15	K07BG	334.763	22.930	71.012	8.332	0.10639	2.58373	56	W
K07UE1T	17.4	0.15	K07BG	331.892	244.711	215.462	5.829	0.09200	2.33474	59	W
K07UE1U	16.4	0.15	K07AR	82.589	292.955	21.531	7.452	0.12347	2.56957	30	W
K07UE1V	16.1	0.15	K07BG	217.180	319.613	248.636	11.491	0.10804	2.53821	83	W
K07UE1W	15.7	0.15	K07BG	312.822	88.486	18.655	8.194	0.02759	3.09760	57	W
K07UE1X	16.5	0.15	K07C6	34.785	113.764	255.961	9.632	0.27360	3.02982	110	W
K07UE1Y	15.3	0.15	K07C6	159.369	11.845	253.409	13.476	0.11503	2.58723	106	W
K07UE1Z	15.2	0.15	K07BG	27.394	23.098	355.887	2.326	0.26122	3.95987	52	W
K07UE2A	18.1	0.15	K07BG	358.010	346.222	74.763	2.711	0.17417	2.39190	52	W
K07UE2B	16.0	0.15	K07C6	31.220	328.013	61.932	3.037	0.07834	2.85678	108	W
K07UE2C	16.4	0.15	K07C6	19.513	359.390	77.734	15.548	0.23006	2.58482	107	W
K07UE2D	15.8	0.15	K07AR	57.285	237.249	102.728	7.089	0.08467	2.79678	16	W
K07UE2E	17.0	0.15	K07C6	356.923	344.096	92.926	4.160	0.17988	2.63548	73	W
K07UE2F	17.0	0.15	K07C6	304.732	45.302	86.529	7.060	0.07360	2.38888	102	W
K07V42V	16.6	0.15	K07C6	51.647	355.541	35.333	5.174	0.19964	2.54213	95	W
K07VD5L	17.4	0.15	K07C6	0.893	156.361	263.390	11.048	0.26072	2.62327	99	W
K07VE3U	16.3	0.15	K07BG	20.436	316.830	76.661	9.493	0.13330	3.02599	56	W
K07VH4N	17.4	0.15	K07BG	13.570	151.127	242.037	23.488	0.17278	2.34001	46DW	
K07VJ3J	16.6	0.15	K07C6	14.774	177.880	267.654	5.854	0.07455	2.42501	126	W
K07VJ4N	15.4	0.15	K07BG	53.191	302.298	89.409	12.448	0.10087	3.12333	42	W
K07VM6Z	15.7	0.15	K081F	102.090	83.973	308.955	12.079	0.11403	2.65762	150	W
K07VO4D	16.6	0.15	K07AR	122.110	221.727	61.994	12.319	0.08218	2.59105	46	W

K07VO4P	15.5	0.15	K081F	343.236	181.090	287.851	24.905	0.19207	2.30296	134 W
K07VQ9J	16.6	0.15	K07AR	197.746	147.553	62.255	6.929	0.03762	2.39582	66 W
K07VV4B	17.3	0.15	K07BG	2.603	2.444	58.091	5.565	0.15002	2.22551	43 W
K07VW0C	17.2	0.15	K07AR	41.958	10.622	332.217	6.095	0.15638	2.22109	98 W
K07VW4W	17.6	0.15	K07C6	13.037	316.691	98.460	3.439	0.14857	2.18147	83 S
K07VW7Z	16.2	0.15	K07BG	323.713	194.467	255.455	21.286	0.04212	2.60124	38 S
K07VW9Q	16.6	0.15	K07C6	320.026	247.482	229.061	5.430	0.06110	2.46207	70 W
K07VW9R	16.3	0.15	K07BG	344.510	27.948	67.549	18.278	0.17983	3.11317	47 W
K07VW9S	18.1	0.15	K07AR	311.366	106.949	14.874	4.370	0.22103	2.24620	16 W
K07VW9T	16.2	0.15	K07BG	35.534	27.180	331.460	6.362	0.30081	2.97579	56 W
K07VW9U	16.1	0.15	K07BG	195.452	326.480	263.906	7.362	0.04893	2.98779	59 W
K07VW9V	16.8	0.15	K07C6	45.555	100.264	255.083	3.116	0.28247	2.56679	101 W
K07VW9W	16.7	0.15	K07BG	100.580	250.778	52.721	3.909	0.20966	2.56726	43 W
K07VW9X	16.3	0.15	K07AR	11.579	196.722	199.281	8.952	0.15825	2.80641	16 W
K07VW9Y	15.6	0.15	K07BG	15.963	121.977	289.779	13.194	0.28616	3.05405	64 W
K07VW9Z	15.5	0.15	K07BG	225.173	311.650	288.660	9.375	0.08471	3.17452	60 W
K07VX0A	16.5	0.15	K07C6	58.091	300.696	85.164	16.254	0.12848	2.72566	69 W
K07VX0B	15.9	0.15	K07C6	296.279	90.707	86.925	15.644	0.14794	3.12266	69 W
K07VX0C	16.5	0.15	K07BG	5.893	237.453	182.030	1.989	0.17676	3.15245	46 W
K07VX0D	18.4	0.15	K07BG	24.568	245.589	122.824	1.885	0.27259	2.38009	32 W
K07VX0E	15.9	0.15	K07C6	30.761	101.396	260.277	25.928	0.31153	2.62740	99 W
K07VX0F	16.3	0.15	K07BG	41.469	255.182	120.681	3.468	0.09182	3.04389	45 W
K07VX0G	16.3	0.15	K07C6	292.055	324.060	181.924	2.045	0.07830	2.63455	100 W
K07VX0H	15.3	0.15	K07CQ	356.135	345.856	93.466	14.004	0.09766	3.22881	116 W
K07VX0J	17.7	0.15	K07BG	53.334	353.727	16.420	2.776	0.22978	2.30333	57 W
K07VX0K	16.0	0.15	K07BG	68.813	314.407	65.553	7.069	0.07924	2.80915	58 W
K07VX0L	17.8	0.15	K07C6	5.044	32.946	57.473	6.392	0.29025	2.69381	102 W
K07VX0M	17.7	0.15	K081F	353.786	123.426	1.009	3.778	0.13650	2.32904	152 W
K07VX0N	16.3	0.15	K07C6	181.298	353.402	288.126	12.805	0.09254	2.65573	76 W
K07VX0O	17.7	0.15	K07C6	44.801	109.973	267.535	6.962	0.13265	2.23563	69 W
K07VX0P	14.7	0.15	K07C6	165.230	3.712	263.559	16.621	0.16552	3.17321	70 W
K07VX0Q	16.0	0.15	K07C6	23.004	315.772	82.498	9.751	0.11049	2.75737	97 W
K07VX0R	16.6	0.15	K07BG	70.787	261.490	64.281	12.786	0.18837	2.75804	57 W
K07VX0S	15.6	0.15	K07C6	31.092	304.215	80.667	19.861	0.10259	3.18875	98 W
K07VX0T	18.1	0.15	K07BG	310.269	47.227	69.614	6.669	0.05957	2.21931	57 W
K07VX0U	16.0	0.15	K07BG	339.561	5.461	82.200	7.006	0.15124	3.06943	56 W
K07VX0V	17.7	0.15	K07BG	0.494	48.483	14.373	5.237	0.24570	2.38000	30 W
K07VX0W	17.0	0.15	K081F	344.742	66.277	77.225	2.252	0.24233	3.06218	151 W
K07VX0X	17.3	0.15	K07C6	39.617	281.387	94.371	3.548	0.19558	2.38922	68 W
K07VX0Y	16.7	0.15	K07BG	16.663	325.464	81.312	17.712	0.16155	3.07628	42 W
K07VX0Z	15.8	0.15	K07BG	325.827	229.789	237.804	4.208	0.13251	3.07903	40 W
K07VX1A	17.7	0.15	K07BG	6.192	173.354	238.644	0.649	0.27595	2.99844	30 W
K07VX1B	17.2	0.15	K07C6	37.397	322.325	81.861	8.234	0.15643	2.26671	66 W
K07VX1C	16.6	0.15	K07C6	56.400	280.436	107.714	3.145	0.13712	2.94135	69 W
K07VX1D	17.2	0.15	K07C6	5.372	210.542	238.924	0.615	0.15600	2.39253	86 W
K07VX1E	17.0	0.15	K07BG	32.356	301.624	100.784	5.123	0.14318	2.20329	56 W
K07VX1F	16.6	0.15	K07C6	16.844	183.036	260.774	3.853	0.02628	2.78109	97 W
K07VX1G	16.7	0.15	K07CQ	355.021	350.341	99.508	3.025	0.14880	2.57544	125 W
K07VX1H	16.2	0.15	K07BG	217.930	302.435	271.411	4.102	0.09265	2.64982	55 W
K07VX1J	17.0	0.15	K07BG	32.334	117.340	261.593	2.572	0.16654	2.60957	54 W
K07VX1K	15.6	0.15	K07BG	292.995	279.688	248.938	23.206	0.30329	3.11461	29 W
K07VX1L	16.4	0.15	K07C6	38.078	133.260	249.536	10.037	0.12409	2.99730	66 W
K07VX1M	16.3	0.15	K07BG	63.264	277.637	60.126	5.867	0.22271	2.61240	39 W
K07VX1N	17.2	0.15	K07BG	41.109	115.339	246.460	6.504	0.24676	2.73078	29 W
K07VX1O	16.9	0.15	K07BG	346.454	9.934	75.264	5.425	0.08516	2.72246	29 W
K07VX1P	16.0	0.15	K07C6	43.811	262.252	117.660	3.171	0.07917	2.86601	96 W
K07VX1Q	17.6	0.15	K07AR	23.022	9.248	10.067	3.379	0.18380	2.42892	11 W
K07VX1R	16.6	0.15	K07C6	15.030	304.462	106.737	4.959	0.09493	2.77018	96 W
K07VX1S	16.0	0.15	K07C6	266.743	79.634	87.738	10.279	0.04385	3.01716	65 W
K07VX1T	15.6	0.15	K07C6	26.403	288.520	110.066	4.712	0.09798	2.80228	96 W
K07VX1U	16.3	0.15	K07C6	60.765	278.412	85.161	10.035	0.05974	2.93918	65 W
K07VX1V	15.9	0.15	K081F	296.242	231.851	315.728	2.117	0.11324	3.13856	149 W
K07VX1W	16.8	0.15	K07CQ	22.677	15.085	65.893	4.340	0.06918	2.76803	97 W
K07VX1X	16.3	0.15	K07BG	332.659	205.433	287.567	9.732	0.11468	3.01818	51 W
K07VX1Y	17.0	0.15	K07C6	349.721	33.725	88.755	13.740	0.23637	3.04637	73 W
K07VX1Z	15.1	0.15	K082A	294.761	93.099	93.343	17.426	0.01189	3.13165	203 W
K07VX2A	16.5	0.15	K07C6	47.093	327.846	88.467	15.345	0.04711	2.72299	72 W
K07VX2B	16.4	0.15	K07C6	37.763	35.999	333.561	4.164	0.30450	2.58506	59 W
K07VX2C	16.8	0.15	K07CQ	352.127	67.935	24.153	8.003	0.22350	2.68693	111 W
K07VX2D	16.4	0.15	K07C6	36.781	127.207	259.450	10.688	0.13670	2.62613	96 W
K07VX2E	15.7	0.15	K07C6	249.507	310.395	298.234	8.316	0.12786	2.92403	93 W
K07VX2F	17.1	0.15	K07CQ	23.119	156.077	297.871	5.053	0.20459	2.54773	124 W
K07VX2G	16.1	0.15	K07C6	53.777	101.834	276.105	10.683	0.07885	2.95009	65 W
K07VX2H	16.3	0.15	K07C6	26.544	141.068	311.502	12.436	0.14934	3.12844	96 W
K07VX2J	15.7	0.15	K07CQ	27.643	153.074	309.756	10.546	0.06107	2.99081	122 W
K07VX2K	15.4	0.15	K07C6	294.311	237.698	267.133	14.960	0.01317	3.12577	66 W
K07VX2L	17.2	0.15	K07BG	0.626	335.411	83.023	4.424	0.13143	2.58282	52 W

K07VX2M	16.4	0.15	K07BG	10.377	181.568	228.095	14.173	0.08273	2.60463	26 W
K07VX2N	16.5	0.15	K07BG	39.166	98.762	248.723	28.006	0.30514	2.60506	52 W
K07VX2O	16.4	0.15	K07BG	272.571	144.745	15.751	8.449	0.10781	2.29830	54 W
K07VX2P	15.8	0.15	K07C6	13.359	317.044	93.788	10.409	0.07984	3.01892	63 W
K07VX2Q	16.3	0.15	K07C6	30.453	88.163	293.622	11.486	0.20446	2.33130	63 W
K07VX2R	16.6	0.15	K07C6	303.558	47.033	97.744	4.497	0.12595	2.62791	64 W
K07VX2S	17.5	0.15	K07BG	48.610	238.764	121.916	5.312	0.19096	2.21368	40 W
K07VX2T	16.4	0.15	K07CQ	49.172	306.242	104.110	6.877	0.12857	2.59570	96 W
K07VX2U	16.9	0.15	K07CQ	8.475	180.796	282.478	8.215	0.03814	2.47002	95 W
K07VX2V	16.1	0.15	K07C6	83.562	266.481	110.037	20.065	0.10624	3.08671	91 W
K07VX2W	16.8	0.15	K07C6	75.566	268.231	106.854	14.376	0.17829	2.61723	93 W
K07VX2X	17.3	0.15	K07C6	7.148	84.138	323.019	6.220	0.11429	2.38802	53 W
K07VX2Y	16.4	0.15	K07BG	20.229	66.588	323.574	5.608	0.07053	2.72108	37 W
K07VX2Z	16.1	0.15	K07C6	349.683	128.880	316.150	8.379	0.26008	2.91422	53 W
K07VX3A	17.7	0.15	K07BG	290.726	70.953	68.699	7.794	0.04449	2.30498	36 W
K07VX3B	18.0	0.15	K07BG	3.084	346.519	72.201	5.565	0.08307	2.31413	52 W
K07VX3C	15.5	0.15	K07C6	234.055	159.609	46.826	2.899	0.03823	3.09225	92 W
K07VX3D	15.4	0.15	K07C6	23.479	149.727	258.094	9.083	0.11379	3.35915	67 W
K07VX3E	16.6	0.15	K07BG	53.155	107.407	249.317	7.876	0.20863	2.57943	37 W
K07VX3F	16.5	0.15	K07C6	354.625	3.370	79.764	11.225	0.09535	3.06366	64 W
K07VX3G	16.3	0.15	K07C6	335.359	285.207	179.967	1.674	0.06653	3.10768	67 W
K07VX3H	16.9	0.15	K07CQ	48.703	311.473	95.990	8.154	0.23471	2.53924	114 W
K07VX3J	17.1	0.15	K07C6	331.706	61.841	67.727	30.086	0.38412	2.58279	62 W
K07VX3K	17.3	0.15	K07C6	353.007	313.719	126.696	5.435	0.16782	2.36706	50 W
K07VX3L	16.9	0.15	K07C6	31.709	228.446	143.349	6.530	0.31144	2.63100	50 W
K07VX3M	17.1	0.15	K07C6	348.097	297.153	151.751	5.498	0.10630	2.28542	63 W
K07VX3N	16.7	0.15	K07C6	312.904	257.088	282.290	14.151	0.30895	3.05247	83 W
K07VX3O	16.0	0.15	K07C6	186.781	204.984	66.338	5.335	0.02506	2.76988	51 W
K07VX3P	15.7	0.15	K07CQ	280.397	234.810	315.981	5.035	0.06800	2.94005	93 W
K07VX3Q	17.5	0.15	K07CQ	293.170	79.627	108.026	2.623	0.12661	2.41901	122 W
K07VX3R	17.5	0.15	K07C6	297.871	102.636	82.309	3.092	0.15078	2.37352	88 W
K07VX3S	16.5	0.15	K07CQ	29.818	13.852	69.651	2.885	0.03525	2.72670	90 W
K07VX3T	17.2	0.15	K081F	8.438	158.380	316.132	2.075	0.08990	2.62292	136 W
K07VX3U	16.2	0.15	K07CQ	67.386	122.487	272.985	9.119	0.09152	3.07610	93 W
K07VX3V	16.9	0.15	K07CQ	41.322	312.955	110.059	12.618	0.10330	2.52489	93 W
K07VX3W	15.8	0.15	K07CQ	31.324	328.688	110.409	16.404	0.11089	2.84387	94 W
K07VX3X	15.0	0.15	K07CQ	12.009	330.883	90.843	11.460	0.09403	3.00340	107 W
K07VX3Y	16.1	0.15	K07CQ	41.403	299.568	86.257	12.393	0.12530	2.55011	88 W
K07VX3Z	14.9	0.15	K07BG	58.339	272.686	93.527	13.685	0.03762	3.20534	23 W
K07VX4A	16.9	0.15	K07C6	344.675	49.061	65.487	10.650	0.15341	2.60498	60 W
K07VX4B	17.0	0.15	K07C6	29.467	4.880	47.959	5.779	0.17758	2.70089	59 W
K07VX4C	16.2	0.15	K07BG	41.463	113.573	289.579	12.742	0.08458	2.68355	35 W
K07VX4D	17.1	0.15	K07CQ	27.020	134.405	284.870	13.871	0.33127	2.75092	90 W
K07VX4E	16.9	0.15	K081F	299.744	232.355	316.261	5.336	0.08496	2.55321	166 W
K07VX4F	16.4	0.15	K07C6	51.950	304.840	92.916	16.684	0.19246	2.59714	80 W
K07VX4G	16.1	0.15	K07CQ	334.862	11.471	102.990	25.383	0.26437	2.43979	116 W
K07VX4H	17.5	0.15	K07C6	8.755	21.446	39.181	2.743	0.19584	2.36983	48 W
K07VX4J	16.0	0.15	K07C6	193.247	335.330	264.811	3.125	0.03690	2.78348	48 W
K07VX4K	16.0	0.15	K07BG	313.191	226.730	254.848	7.995	0.05933	2.64909	33 W
K07VX4L	15.7	0.15	K07C6	54.654	281.552	78.133	16.644	0.21455	3.14307	48 W
K07VX4M	17.5	0.15	K07C6	65.586	219.373	140.923	1.220	0.10483	2.22262	80 W
K07VX4N	15.4	0.15	K07CQ	8.214	225.434	203.969	2.945	0.22385	2.96707	89 W
K07VX4O	16.6	0.15	K07BG	137.173	208.851	69.154	10.058	0.12059	2.81030	31 W
K07VX4P	16.2	0.15	K07C6	20.610	335.704	70.380	10.778	0.07495	3.13374	47 W
K07VX4Q	15.9	0.15	K07BG	106.236	230.892	80.700	5.328	0.09316	2.80597	31 W
K07VX4R	16.2	0.15	K07BG	66.110	101.260	241.491	3.263	0.16464	2.58498	31 W
K07VX4S	16.9	0.15	K07C6	19.907	341.593	67.022	7.393	0.10512	2.64045	47 W
K07VX4T	19.0	0.15	K07BG	15.112	154.971	242.480	3.944	0.26580	2.33467	31 W
K07VX4U	17.6	0.15	K07C6	106.648	246.169	64.192	2.477	0.15700	2.20023	47 W
K07VX4V	15.8	0.15	K07CQ	318.111	50.187	76.203	10.365	0.06323	3.17082	87 W
K07VX4W	17.3	0.15	K07C6	25.032	43.871	17.246	4.977	0.15114	2.80928	57 W
K07VX4X	15.7	0.15	K07BG	69.259	213.828	134.795	2.408	0.10861	3.04705	21 W
K07VX4Y	16.4	0.15	K07C6	81.833	2.254	3.845	5.841	0.07037	2.66807	57 W
K07VX4Z	17.0	0.15	K07C6	134.057	187.012	102.832	2.841	0.14562	2.35744	58 W
K07VX5A	15.9	0.15	K07BG	65.475	263.497	78.101	14.750	0.21683	3.21642	32 W
K07VX5B	15.9	0.15	K07C6	117.208	225.867	86.377	8.622	0.06315	3.05542	58 W
K07VX5C	18.2	0.15	K07BG	351.293	276.238	163.292	1.114	0.15338	2.34453	21 W
K07VX5D	16.3	0.15	K07C6	131.083	20.991	274.554	5.401	0.12923	2.71369	59 W
K07VX5E	17.8	0.15	K07BG	47.006	299.507	65.229	2.524	0.18497	2.14917	31 W
K07VX5F	16.0	0.15	K07CQ	112.392	48.807	264.747	5.365	0.13160	2.42804	85 W
K07W21E	17.0	0.15	K081F	22.642	185.652	287.156	5.729	0.07090	2.46087	115 W
K07W59P	17.8	0.15	K07BG	64.617	258.673	72.756	3.339	0.19072	2.37978	56 W
K07W61R	15.6	0.15	K07C6	16.103	79.330	331.860	8.330	0.13725	2.84795	57 W
K07W61S	15.4	0.15	K07CQ	6.293	48.035	53.331	13.532	0.12533	2.88805	86 W
K07W61T	17.3	0.15	K07BG	328.639	215.680	247.880	10.689	0.14134	2.67100	28 W
K07W61U	17.3	0.15	K07BG	43.894	62.822	300.116	5.686	0.14558	2.28326	29 W
K07W61V	16.2	0.15	K07CQ	359.999	155.554	286.511	11.163	0.12418	2.51932	84 W

K07W61W	16.3	0.15	K07BG	51.995	116.981	250.381	11.912	0.06749	2.76171	31 W
K07W61X	17.0	0.15	K07BG	346.452	61.939	20.395	6.181	0.13141	2.29789	29 W
K07W61Y	16.8	0.15	K07C6	25.481	106.286	277.686	10.122	0.31613	2.64293	60 W
K07W61Z	16.9	0.15	K07BG	256.473	290.950	252.645	5.562	0.13348	2.29634	28 W
K07W62A	17.5	0.15	K07BG	71.098	61.540	270.404	1.665	0.19329	2.25628	28 W
K07W62B	17.7	0.15	K07BG	21.737	56.814	332.362	4.748	0.26095	2.27330	29 W
K07W62C	16.2	0.15	K07CQ	15.149	154.132	256.568	10.867	0.09968	2.74249	85 W
K07W62D	16.9	0.15	K07C6	24.057	331.600	75.616	13.790	0.15839	2.78628	55 W
K07W62E	17.7	0.15	K07BG	344.563	199.030	244.912	9.342	0.17229	2.38377	17 W
K07W62F	18.2	0.15	K07BG	355.112	305.438	124.671	0.779	0.18553	2.35541	17 W
K07W62G	15.9	0.15	K07C6	6.616	7.887	54.604	22.048	0.02961	2.62190	44 W
K07W62H	16.7	0.15	K07C6	44.219	312.480	57.985	9.261	0.23009	2.31165	40 W
K07W62J	16.6	0.15	K07CQ	61.253	93.117	269.810	9.461	0.13447	2.52916	82 W
K07W62K	16.9	0.15	K07C6	35.994	137.732	274.842	20.898	0.05806	1.93757	42 W
K07W62L	16.2	0.15	K07CQ	35.558	117.987	274.604	6.051	0.16887	3.14690	81 W
K07W62M	16.5	0.15	K07C6	258.976	115.352	71.261	12.840	0.04827	2.66731	43 W
K07W62N	17.7	0.15	K07C6	102.420	275.816	51.225	3.701	0.10064	2.45107	54 W
K07W62O	17.3	0.15	K081F	323.673	153.540	11.968	3.545	0.12657	2.34093	137 W
K07W62P	17.2	0.15	K07CQ	62.795	348.720	40.265	4.437	0.17606	2.21638	85 W
K07W62R	16.3	0.15	K081F	292.783	287.155	297.790	12.589	0.14064	2.73321	115 W
K07W62S	16.0	0.15	K07C6	35.785	349.231	74.805	10.115	0.12312	3.03916	73 W
K07W62U	17.1	0.15	K07CQ	282.683	87.188	75.791	7.464	0.06944	2.33147	85 W
K07W62V	16.7	0.15	K07CQ	23.041	323.785	87.561	4.321	0.06691	2.62067	86 W
K07W62W	16.5	0.15	K07CQ	305.170	240.805	261.717	14.097	0.14089	2.58079	80 W
K07W62X	16.7	0.15	K07BG	33.573	301.804	74.146	15.814	0.21614	2.71666	16 W
K07W62Y	17.4	0.15	K07C6	353.796	47.475	52.570	3.952	0.05100	2.19370	41 W
K07W62Z	16.8	0.15	K07C6	139.378	25.263	285.764	13.967	0.09010	2.58044	53 W
K07W63A	15.8	0.15	K07C6	146.248	205.087	100.336	12.360	0.10954	2.89453	55 W
K07W63B	17.5	0.15	K07BG	20.812	77.376	321.732	3.740	0.21960	2.54939	29 W
K07W63C	16.2	0.15	K07BG	347.991	27.598	61.301	13.130	0.17219	3.10041	29 W
K07W63D	15.9	0.15	K07C6	246.658	273.008	282.767	7.999	0.02896	3.19178	55 W
K07W63E	15.8	0.15	K081F	320.313	244.492	297.953	9.982	0.08336	2.99351	113 W
K07W63F	18.1	0.15	K081F	353.939	200.483	298.132	1.809	0.17796	2.30758	130 W
K07W63G	17.3	0.15	K07BG	344.337	134.296	309.717	5.194	0.13056	2.28508	26 W
K07W63H	15.7	0.15	K07BG	23.023	124.039	275.584	10.351	0.09284	3.03401	27 W
K07W63J	17.3	0.15	K07C6	88.074	277.439	86.425	15.305	0.14706	2.68784	59 W
K07W63K	17.3	0.15	K07C6	20.220	325.054	84.544	10.399	0.15815	2.71520	53 W
K07W63L	16.6	0.15	K07BG	345.635	4.370	88.207	10.892	0.10126	2.75459	15 W
K07W63M	11.6	0.15	K07C6	359.989	306.768	334.519	9.893	0.99880	706.34733	59 W
K07W63N	15.6	0.15	K07CQ	359.205	158.642	270.944	20.064	0.30156	3.15548	97 W
K07W63O	15.6	0.15	K07C6	40.609	86.715	276.855	15.999	0.20558	2.77444	45 W
K07W63P	15.8	0.15	K081F	326.994	213.301	259.052	24.737	0.12982	2.71041	110 W
K07W63Q	15.8	0.15	K07CQ	37.876	304.208	92.180	10.464	0.04631	3.01100	97 W
K07W63R	17.0	0.15	K07BG	4.617	316.586	105.964	5.422	0.02764	2.28517	27 W
K07W63S	16.1	0.15	K07BG	48.687	258.112	118.802	6.230	0.06692	2.86283	15 W
K07W63T	18.3	0.15	K07CQ	38.403	345.634	69.480	3.620	0.18675	2.13540	78 W
K07X04P	16.3	0.15	K07BG	21.159	306.307	81.256	8.925	0.29008	2.71994	80 W
K07X19F	15.9	0.15	K07AR	338.394	37.648	46.324	10.250	0.16746	3.11852	98 S
K07X32L	17.0	0.15	K07C6	241.811	283.338	292.959	20.120	0.02027	2.00823	87 W
K07X55W	16.4	0.15	K07C6	338.492	202.501	249.414	8.466	0.14820	2.90316	112 W
K07X56D	15.0	0.15	K07C6	50.116	81.511	293.268	24.439	0.27601	3.20174	39 W
K07X56E	16.7	0.15	K07C6	33.173	353.562	46.181	9.399	0.27377	2.59461	40 W
K07X56F	16.9	0.15	K07CQ	353.609	10.296	76.200	8.448	0.24173	2.66498	71 W
K07X56G	16.3	0.15	K07C6	310.643	66.875	86.504	14.751	0.14270	2.53121	38 W
K07X56H	17.3	0.15	K07C6	349.036	239.844	208.340	0.576	0.16999	2.26951	12 W
K07X56J	15.9	0.15	K07C6	25.401	140.098	278.338	9.501	0.13675	2.96172	16 W
K07X56K	17.4	0.15	K07C6	334.395	228.013	271.935	10.477	0.32509	2.66334	28 W
K07X56L	16.8	0.15	K07C6	51.275	286.912	74.944	4.657	0.21398	2.57299	28 W
K07X56M	16.8	0.15	K07C6	348.562	15.499	91.178	3.343	0.15129	2.39973	28 W
K07X56N	14.8	0.15	K07CQ	294.203	247.998	301.086	24.831	0.23140	3.19045	65 W
K07X56O	16.1	0.15	K07C6	27.823	69.859	339.097	11.832	0.19236	2.61228	40 W
K07X56P	18.0	0.15	K081F	14.928	255.161	198.733	3.588	0.20700	2.38539	99 W
K07X56Q	18.0	0.15	K07C6	20.546	45.729	6.213	7.249	0.26060	2.22751	27 W
K07X56R	16.3	0.15	K07C6	39.859	90.820	298.622	22.565	0.28112	2.73741	38 W
K07X56S	15.2	0.15	K07C6	20.384	116.167	307.234	23.342	0.24851	3.15951	39 W
K07X56T	15.6	0.15	K07C6	44.481	304.131	104.210	10.595	0.10251	3.14351	40 W
K07X56U	17.0	0.15	K07CQ	59.241	116.555	281.365	0.887	0.08795	2.55013	67 W
K07X56V	17.1	0.15	K07C6	347.133	18.370	73.735	6.651	0.15939	2.30272	27 W
K07X56W	16.6	0.15	K07C6	357.635	0.123	78.193	6.140	0.14640	2.75129	27 W
K07X56X	17.6	0.15	K07CQ	28.120	141.777	259.857	1.489	0.19418	2.36308	65 W
K07X56Y	17.5	0.15	K07C6	31.794	147.629	240.694	4.491	0.21545	2.53954	12 W
K07X56Z	17.5	0.15	K07C6	6.521	146.402	275.767	1.898	0.16137	2.40968	27 W
K07X57A	16.5	0.15	K07CQ	36.302	289.235	98.726	8.692	0.17746	2.58243	71 W
K07X57B	16.2	0.15	K07C6	74.427	238.374	90.400	8.884	0.21256	2.57156	37 W
K07X57D	18.0	0.15	K07C6	346.765	331.020	128.971	4.132	0.27816	2.59788	27 W
K07X57E	17.2	0.15	K07C6	39.239	282.374	75.692	10.173	0.34115	2.77191	27 W
K07X57F	18.7	0.15	K07C6	3.343	206.237	225.003	3.180	0.21609	2.20931	11 W



K07X57G	15.8	0.15	K07C6	12.147	218.821	205.112	4.451	0.08816	2.76826	26 W
K07X57H	15.1	0.15	K07C6	9.084	208.341	221.224	7.916	0.05314	3.01984	15 W
K07X57K	16.8	0.15	K07C6	37.417	313.594	69.090	15.915	0.13990	2.52947	12 W
K07X57L	17.1	0.15	K07CQ	342.601	8.039	104.452	4.491	0.15078	2.30550	65 W
K07X57M	16.9	0.15	K07CQ	16.839	273.990	149.943	2.999	0.14537	2.31211	69 W
K07X57N	16.3	0.15	K07C6	68.841	265.130	79.165	20.655	0.20553	2.68084	27 W
K07X57O	16.9	0.15	K07C6	340.087	233.928	228.554	2.101	0.12364	2.47291	24 W
K07X57P	16.4	0.15	K07C6	329.535	217.046	275.503	8.967	0.05084	3.14711	28 W
K07X57Q	16.1	0.15	K07C6	41.374	294.810	99.243	9.915	0.19620	2.57835	27 W
K07X57R	15.5	0.15	K07C6	12.630	340.021	103.990	11.312	0.09905	3.15652	38 W
K07X57S	15.3	0.15	K07CQ	0.625	206.062	257.562	10.834	0.14062	2.68007	59 W
K07X57T	16.6	0.15	K07CQ	240.110	137.032	95.671	12.581	0.06256	3.06533	65 W
K07X57U	17.4	0.15	K081F	353.538	238.885	264.488	1.759	0.10496	2.41231	99 W
K07X57V	16.8	0.15	K07C6	304.023	83.905	71.157	9.587	0.16830	2.53224	13 W
K07X57W	17.1	0.15	K07C6	20.621	349.798	65.083	5.645	0.12597	2.25404	15 W
K07X57X	16.6	0.15	K07C6	33.312	327.663	67.011	12.531	0.19006	2.59326	10 W
K07X57Y	15.5	0.15	K07CQ	54.969	123.258	254.503	8.610	0.09669	3.13267	68 W
K07X57Z	16.5	0.15	K07C6	347.004	49.148	59.975	5.393	0.11810	2.56143	36 W
K07X58A	16.7	0.15	K07C6	196.564	210.420	50.705	6.669	0.02255	2.91992	36 W
K07X58B	16.3	0.15	K07C6	123.870	248.118	77.413	14.262	0.10301	3.05124	36 W
K07X58C	17.3	0.15	K07C6	53.265	332.750	44.976	5.375	0.19965	2.21349	12 W
K07X58D	15.4	0.15	K07C6	14.550	127.910	312.651	9.348	0.07611	3.12020	36 W
K07X58E	13.7	0.15	K07C6	227.891	323.015	288.014	23.286	0.31827	3.01211	12 W
K07X58F	16.5	0.15	K07C6	280.203	240.437	306.184	5.200	0.09817	2.55020	39 W
K07X58G	16.6	0.15	K07C6	32.510	323.475	86.821	14.131	0.17294	2.63252	25 W
K07X58H	17.0	0.15	K07C6	214.897	195.507	51.373	4.808	0.06905	2.20017	25 W
K07X58J	17.3	0.15	K07CQ	18.343	185.242	261.310	4.229	0.09828	2.69653	67 W
K07X58K	16.2	0.15	K07CQ	6.108	147.703	314.685	9.244	0.01057	3.10679	64 W
K07X58L	15.7	0.15	K07CQ	219.994	288.417	324.976	8.448	0.04678	3.12555	68 W
K07X58M	17.9	0.15	K07CQ	9.069	77.384	16.506	5.118	0.17242	2.37283	42 W
K07X58N	17.5	0.15	K07C6	8.585	29.681	38.565	4.915	0.16040	2.42918	12 W
K07X58O	17.6	0.15	K07C6	22.428	134.936	279.727	5.239	0.20535	2.24077	25 W
K07X58P	16.9	0.15	K07CQ	30.182	151.839	289.915	9.969	0.10029	2.62466	55 W
K07X58Q	17.1	0.15	K07C6	28.897	328.890	70.182	8.905	0.18424	2.19752	10 W
K07X58R	16.4	0.15	K07CQ	287.632	243.708	279.572	8.401	0.10861	2.43531	57 W
K07X58S	16.2	0.15	K07C6	27.950	121.343	290.753	14.177	0.18889	2.75988	4 W
K07X58T	17.7	0.15	K081F	324.127	267.625	266.295	2.317	0.36137	2.01218	74 W
K07X58U	15.6	0.15	K07CQ	43.149	303.883	85.269	16.380	0.24249	3.16480	27 W
K07X58V	16.1	0.15	K07CQ	80.561	280.226	107.562	9.253	0.06406	3.01266	55 W
K07X58W	16.4	0.15	K07CQ	157.641	204.890	113.750	12.612	0.08647	3.00351	58 W
K07X58X	17.5	0.15	K07CQ	103.229	248.400	108.669	7.644	0.12445	2.42707	55 W
K07X58Y	17.3	0.15	K081F	79.340	76.087	309.685	5.968	0.12819	2.39259	72 W
K07X58Z	16.5	0.15	K07CQ	54.985	307.249	90.169	6.062	0.23141	3.16108	57 W
K07X59A	18.1	0.15	K081F	353.921	182.388	310.758	4.974	0.20796	2.61848	74 W
K07X59B	16.7	0.15	K07CQ	51.572	136.860	296.628	5.383	0.04263	2.76919	55 W
K07X59C	17.8	0.15	K081F	39.195	247.763	189.282	1.108	0.16142	2.33422	91 W
K07X59D	15.8	0.15	K081F	242.733	293.390	277.250	13.406	0.06933	2.63371	84 W
K07X59E	15.9	0.15	K07C6	55.417	305.221	68.669	13.645	0.09325	2.84062	13 W
K07X59F	16.8	0.15	K07C6	61.216	30.145	333.198	3.390	0.13366	2.52210	13 W
K07X59G	16.9	0.15	K07CQ	28.836	117.464	274.549	10.429	0.30888	2.64353	55 W
K07X59H	17.1	0.15	K07CQ	58.834	281.144	110.875	9.678	0.22612	2.73065	56 W
K07X59J	16.6	0.15	K07CQ	40.604	347.953	61.311	8.379	0.22719	2.58359	60 W
K07X59K	17.7	0.15	K07CQ	24.979	359.664	70.684	10.238	0.27406	2.54534	27 W
K07X59L	16.9	0.15	K07CQ	74.107	252.013	116.724	17.876	0.25716	2.58939	56 W
K07X59M	16.7	0.15	K07CQ	45.464	287.668	116.696	27.085	0.23777	3.15641	54 W
K07X59N	15.6	0.15	K0824	273.478	321.765	308.129	12.489	0.17579	2.79706	112 W
K07Y27B	16.8	0.15	K081F	347.981	92.811	44.186	5.789	0.14753	2.61208	56 W
K07Y34V	16.6	0.15	K07C6	100.283	58.024	300.239	5.339	0.02304	2.68786	70 W
K07Y40E	14.5	0.15	K07C6	37.144	118.683	294.277	13.121	0.12031	3.20945	78 W
K07Y61M	16.3	0.15	K07BG	344.611	155.224	300.039	10.213	0.30996	2.72998	165 W
K07Y70Y	16.5	0.15	K07C6	353.153	71.809	6.999	6.370	0.08089	2.30703	16 W
K07Y70Z	16.5	0.15	K07CQ	347.563	348.264	122.120	25.900	0.27837	2.35411	55 W
K07Y71A	14.9	0.15	K0824	66.232	93.072	276.656	20.204	0.08543	3.21962	112 W
K07Y71B	16.9	0.15	K07CQ	12.907	116.734	324.149	11.917	0.21934	2.69482	26 W
K07Y71C	16.1	0.15	K07CQ	347.579	97.281	22.626	13.106	0.06888	2.75418	54 W
K07Y71D	17.0	0.15	K07CQ	10.822	33.819	55.205	14.256	0.24538	2.58450	47 W
K07Y71E	15.4	0.15	K07CQ	342.451	180.046	307.065	13.967	0.19652	3.11525	25 W
K07Y71F	17.5	0.15	K07CQ	353.686	173.705	292.778	16.925	0.08630	1.97728	20 W
K07Y71G	16.5	0.15	K07CQ	348.933	47.549	71.606	13.716	0.16778	2.77961	26 W
K07Y71H	16.5	0.15	K07CQ	43.607	25.662	25.762	6.819	0.13830	2.68228	31 W
K07Y71J	16.2	0.15	K07CQ	59.035	316.457	81.710	12.940	0.16297	2.70637	53 W
K07Y71K	16.0	0.15	K081F	18.801	18.030	96.254	14.264	0.10238	2.57013	88 W
K07Y71L	16.1	0.15	K0824	43.707	297.073	154.959	14.082	0.27922	3.16117	120 W
K07Y71N	16.8	0.15	K07CQ	248.524	229.946	351.874	3.226	0.03410	2.80752	53 W
K07Y71O	17.0	0.15	K07CQ	128.259	27.887	307.202	8.508	0.04639	3.01361	29 W
K07Y71P	16.7	0.15	K07CQ	35.348	123.426	293.981	28.195	0.14975	3.23840	56 W
K07Y71Q	16.6	0.15	K081F	40.253	233.497	196.914	5.498	0.14092	2.48714	74 W

K07Y71R	15.7	0.15	K081F	108.458	215.779	166.842	18.698	0.16410	3.13035	84 W
K07Y71S	16.9	0.15	K07CQ	20.819	77.103	353.889	7.227	0.16268	2.57420	24 W
K07Y71T	15.7	0.15	K0824	358.490	116.634	353.921	8.885	0.08984	2.85373	130 W
K07Y71V	17.8	0.15	K07CQ	38.206	38.459	356.019	7.163	0.29146	2.31308	24 W
K07Y71W	16.6	0.15	K07CQ	60.004	49.969	330.564	12.105	0.19725	2.68777	24 W
K07Y71X	17.6	0.15	K07CQ	231.414	319.909	290.101	5.836	0.09225	2.31286	46 W
K07Y71Y	15.5	0.15	K07CQ	87.920	307.451	64.355	10.438	0.08883	3.17532	29 W
K07Y71Z	16.8	0.15	K07CQ	285.589	82.430	113.002	15.773	0.05474	2.53332	26 W
K07Y72A	15.7	0.15	K07CQ	304.789	182.483	341.559	10.285	0.03860	2.96264	24 W
K07Y72B	16.0	0.15	K081F	344.093	178.035	315.477	9.528	0.03942	3.17165	75 W
K07Y72C	15.2	0.15	K081F	333.460	251.731	261.569	7.885	0.03732	3.16338	73 W
K07Y72D	15.8	0.15	K081F	195.795	327.110	321.403	15.524	0.06871	3.18993	85 W
K07Y72E	16.0	0.15	K0824	57.855	85.017	337.448	8.516	0.08397	3.17138	110 W
K07Y72F	16.0	0.15	K081F	247.798	161.302	89.592	10.655	0.12395	2.60427	74 W
K07Y72G	16.6	0.15	K081F	39.696	333.980	98.331	13.020	0.16960	2.62515	74 W
K07Y72H	17.2	0.15	K081F	332.683	117.685	48.581	4.812	0.16695	2.54388	57 W
K07Y72J	17.2	0.15	K081F	262.980	161.981	71.139	6.897	0.06729	2.25274	73 W
K07Y72K	17.9	0.15	K081F	352.682	57.448	78.616	6.694	0.13533	2.24125	74 W
K07Y72L	17.4	0.15	K081F	356.249	141.872	351.902	5.252	0.02516	2.23369	56 W
K07Y72M	15.4	0.15	K081F	336.591	262.506	259.588	8.138	0.17330	3.18064	82 W
K07Y72N	16.4	0.15	K07CQ	85.401	66.936	304.146	11.242	0.08561	2.83093	52 W
K07Y72O	17.3	0.15	K081F	296.476	130.516	82.085	5.275	0.17519	2.58858	77 W
K07Y72P	17.4	0.15	K081F	304.396	103.495	98.678	5.884	0.17411	2.33346	77 W
K07Y72R	15.4	0.15	K07CQ	13.272	130.869	304.654	26.484	0.21391	3.12552	49 W
K07Y72S	15.5	0.15	K081F	3.432	341.831	103.128	15.017	0.04765	2.68445	70 W
K07Y72T	17.8	0.15	K0824	346.713	142.253	358.089	4.817	0.15740	2.31786	106 W
K07Y72U	16.4	0.15	K081F	51.480	87.540	316.516	16.106	0.18713	3.06053	54 W
K07Y72V	16.8	0.15	K081F	18.426	81.939	12.692	6.567	0.09313	2.39757	56 W
K07Y72W	15.2	0.15	K07CQ	32.175	292.531	104.135	15.630	0.22540	2.72325	51 W
K07Y72X	16.9	0.15	K081F	237.558	222.028	35.078	6.823	0.15405	2.21967	73 W
K07Y72Y	16.7	0.15	K081F	23.054	347.540	110.356	18.703	0.20076	3.10985	75 W
K07Y72Z	15.7	0.15	K081F	172.044	221.698	99.174	10.637	0.03736	2.90790	79 W
K07Y73A	16.5	0.15	K081F	280.505	231.398	347.279	11.498	0.03429	2.63815	54 W
K07Y73B	17.2	0.15	K081F	2.615	7.027	120.624	24.395	0.07152	1.95198	72 W
K07Y73C	16.1	0.15	K081F	313.896	260.685	301.480	8.580	0.21875	2.97621	81 W
K07Y73D	18.8	0.15	K07CQ	28.213	318.078	105.379	4.208	0.12568	2.14465	24 W
K07Y73E	17.8	0.15	K07CQ	301.755	62.536	106.580	5.669	0.04470	2.40058	50 W
K07Y73F	15.9	0.15	K081F	340.645	29.155	110.410	26.647	0.22523	2.63883	68 W
K07Y73G	17.5	0.15	K081F	303.468	266.326	284.020	7.825	0.16505	2.75328	42 W
K07Y73H	17.6	0.15	K081F	337.319	277.038	230.152	0.524	0.15402	2.31137	43 W
K07Y73J	16.0	0.15	K081F	326.984	38.465	120.172	18.307	0.12820	3.11674	43 W
K07Y73K	16.6	0.15	K081F	65.089	292.571	118.029	15.712	0.05699	3.12165	33 W
K07Y73L	17.0	0.15	K081F	296.487	247.365	303.490	5.783	0.05499	2.40350	58 W
K07Y73M	18.0	0.15	K081F	342.375	23.142	126.068	2.183	0.07475	2.63765	56 W
K07Y73N	17.4	0.15	K081F	259.038	269.616	327.897	4.439	0.11436	2.64753	32 W
K07Y73O	18.1	0.15	K081F	27.584	148.763	298.592	4.379	0.19880	2.38405	56 W
K07Y73P	16.9	0.15	K081F	23.824	156.407	296.352	4.009	0.09244	2.69508	58 W
K07Y73Q	17.5	0.15	K07CQ	14.236	45.562	44.221	3.638	0.14449	2.35514	19 W
K07Y73R	17.3	0.15	K081F	101.541	214.374	150.407	1.818	0.19241	2.41673	31 W
K07Y73S	16.7	0.15	K0824	279.000	292.485	307.176	13.793	0.15594	2.67836	72 W
K07Y73T	16.9	0.15	K0824	31.625	156.778	307.384	11.240	0.08092	2.72257	72 W
K07Y73V	17.4	0.15	K07CQ	343.987	32.440	100.221	14.672	0.20651	2.62629	16 W
K07Y73W	16.6	0.15	K0824	295.992	244.393	317.176	9.965	0.07243	2.76974	86 W
K07Y73X	16.2	0.15	K0824	36.418	312.282	125.588	10.576	0.16998	3.20927	97 W
K07Y73Y	17.1	0.15	K081F	87.517	132.982	257.266	4.786	0.03751	2.71862	41 W
K07Y73Z	17.7	0.15	K081F	322.915	53.470	130.659	10.716	0.18601	2.40727	40 W
K07Y74A	17.2	0.15	K081F	60.722	133.786	283.490	6.409	0.04337	2.23213	41 W
K07Y74B	16.1	0.15	K0824	354.411	343.624	147.166	8.565	0.22399	2.85762	88 W
K07Y74C	17.2	0.15	K081F	275.909	88.634	119.201	24.684	0.05479	1.90080	44 W
K07Y74D	17.5	0.15	K081F	16.708	305.048	144.348	9.493	0.24372	2.53064	42 W
K07Y74E	18.5	0.15	K081F	17.986	157.821	307.514	5.100	0.20263	2.20341	42 W
K07Y74F	16.6	0.15	K0824	347.267	23.400	143.205	9.803	0.17716	3.04122	72 W
K07Y74G	16.8	0.15	K081F	78.541	93.318	307.157	11.078	0.07330	3.10114	44 W
K07Y74H	16.9	0.15	K0824	49.407	268.193	159.069	7.098	0.10612	2.35891	70 W
K07Y74J	16.3	0.15	K081F	28.558	319.885	138.876	14.680	0.21371	2.65190	67 W
K07Y74K	16.7	0.15	K0820	9.469	45.305	103.143	3.398	0.13717	2.61277	129 W
K07Y74L	15.5	0.15	K081F	359.136	337.129	137.718	18.861	0.19434	3.14473	41 W
K08A04T	17.2	0.15	K07CQ	6.268	47.605	51.944	6.869	0.25996	2.62120	53 W
K08AD4G	17.4	0.15	K081F	332.637	86.872	64.373	2.148	0.13904	2.94407	39 W
K08AD4H	17.7	0.15	K081F	342.599	101.501	43.323	2.927	0.23118	2.63533	42 W
K08AD4J	17.3	0.15	K081F	72.139	328.037	54.812	3.633	0.19205	2.74814	39 W
K08AD4K	16.1	0.15	K081F	176.464	202.661	98.815	11.488	0.06581	2.99698	37 W
K08AD4L	15.8	0.15	K081F	19.936	113.393	336.615	9.672	0.08806	2.96235	43 W
K08AD4M	16.0	0.15	K081F	33.958	112.124	337.600	11.308	0.07656	3.11637	40 W
K08AD4N	16.8	0.15	K081F	51.709	10.650	42.912	7.005	0.19109	2.52133	58 W
K08AD4O	17.4	0.15	K081F	324.773	159.958	7.193	6.068	0.15117	2.29092	39 W
K08AD4P	15.7	0.15	K07CQ	269.545	122.489	88.814	12.633	0.07927	3.02233	11 W

K08AD4Q	16.9	0.15	K07CQ	322.282	82.773	85.079	15.299	0.15151	2.68464	7 W
K08AD4R	16.0	0.15	K081F	330.538	213.054	306.607	26.148	0.22776	3.10503	33 W
K08AD4S	16.4	0.15	K081F	18.689	120.751	323.551	13.275	0.25872	3.16351	32 W
K08AD4T	16.7	0.15	K081F	42.153	112.490	305.208	13.135	0.24917	3.16765	48 W
K08AD4U	17.3	0.15	K0824	11.411	149.567	315.191	13.383	0.17679	2.73659	76 W
K08AD4V	15.9	0.15	K0824	341.630	355.642	162.658	9.520	0.18873	3.16618	60 W
K08AD4W	17.3	0.15	K0824	48.037	49.839	21.369	3.467	0.18037	2.48784	59 W
K08AD4X	16.7	0.15	K0824	37.910	158.342	294.087	13.434	0.09943	2.57062	86 W
K08AD4Y	16.9	0.15	K0824	316.896	240.148	324.290	12.382	0.23540	3.18626	57 W
K08AD4Z	16.7	0.15	K081F	39.500	263.363	157.468	5.695	0.22357	2.80514	31 W
K08AD5A	16.2	0.15	K0824	254.821	172.162	97.314	3.209	0.17490	2.71559	86 W
K08AD5B	16.3	0.15	K0824	227.498	139.730	140.320	4.738	0.06380	3.04301	57 W
K08AD5C	16.0	0.15	K081F	326.558	9.675	124.149	9.257	0.10033	2.54929	33 W
K08AD5D	16.4	0.15	K081F	10.416	105.206	350.798	11.177	0.24158	3.05248	20 W
K08AD5E	17.5	0.15	K081F	47.576	96.454	318.182	15.604	0.12928	1.98426	32 W
K08AD5F	16.2	0.15	K081F	21.438	59.206	30.792	9.315	0.13684	2.79577	27 W
K08AD5G	15.6	0.15	K081F	252.272	253.048	344.884	11.768	0.11474	2.79122	33 W
K08AD5H	16.6	0.15	K0824	2.187	348.800	127.068	14.369	0.18454	2.67516	61 W
K08AD5J	15.4	0.15	K081F	288.130	188.055	22.012	12.907	0.12675	3.09802	30 W
K08AD5K	17.2	0.15	K0824	349.060	109.733	32.767	7.904	0.07250	2.46335	50 W
K08AD5L	16.4	0.15	K0824	341.455	111.246	44.453	8.315	0.14713	3.02530	50 W
K08AD5M	16.5	0.15	K081F	17.401	4.866	98.123	15.810	0.17869	3.06187	33 W
K08AD5N	15.7	0.15	K0824	42.594	350.611	88.210	10.790	0.10409	3.09510	50 W
K08AD5O	16.4	0.15	K0824	319.296	94.053	83.285	8.997	0.07823	2.57698	50 W
K08AD5R	15.4	0.15	K081F	287.332	150.457	59.235	7.759	0.11031	3.08461	33 W
K08AD5S	16.8	0.15	K081F	30.890	356.902	79.059	10.398	0.24021	2.80141	33 W
K08AD5T	17.9	0.15	K081F	358.499	103.189	23.948	6.529	0.17867	2.39406	27 W
K08AD5U	17.7	0.15	K0824	5.005	80.866	43.317	7.158	0.11556	2.44637	50 W
K08AD5V	15.6	0.15	K0824	76.293	314.756	88.530	11.924	0.11495	3.00955	50 W
K08AD5W	16.7	0.15	K081F	40.347	129.340	292.681	13.812	0.25520	3.18552	28 W
K08AD5X	16.1	0.15	K0824	62.316	348.026	73.750	11.662	0.17974	2.72762	48 W
K08AD5Y	15.5	0.15	K0824	341.155	65.405	94.798	12.070	0.03936	2.91780	51 W
K08AD5Z	17.7	0.15	K0824	317.546	228.341	318.710	3.472	0.08291	2.26665	63 W
K08AD6A	16.5	0.15	K0824	239.680	305.174	330.260	9.689	0.13464	3.13634	56 W
K08AD6B	16.3	0.15	K0820	47.477	330.553	134.545	3.544	0.15185	2.72198	93 W
K08AD6C	17.0	0.15	K0824	8.278	308.880	165.776	12.243	0.24973	2.64518	57 W
K08AD6D	16.0	0.15	K0824	20.047	304.324	142.685	28.504	0.31051	3.17212	58 W
K08AD6E	15.7	0.15	K0824	52.426	226.519	196.581	8.739	0.13728	2.80715	49 W
K08AD6F	16.1	0.15	K0824	47.602	170.018	259.864	10.888	0.15402	2.58462	48 W
K08AD6G	17.3	0.15	K081F	25.284	217.448	227.776	8.622	0.24407	2.65607	28 W
K08AD6H	16.9	0.15	K0824	11.002	84.603	30.599	8.448	0.17231	2.80442	49 W
K08AD6J	14.9	0.15	K081F	295.977	179.333	21.755	13.219	0.01867	3.13746	27 W
K08AD6K	15.1	0.15	K081F	198.039	272.130	22.320	10.551	0.08858	3.14288	26 W
K08AD6L	17.0	0.15	K081F	55.132	274.535	155.451	14.505	0.08615	2.47355	29 W
K08AD6M	16.2	0.15	K0824	1.750	218.013	289.472	7.102	0.12858	3.06181	60 W
K08AD6O	17.3	0.15	K0824	33.711	120.347	326.688	17.649	0.05729	1.97468	74 W
K08AD6P	14.9	0.15	K0824	10.872	111.074	9.844	23.733	0.09089	3.18725	79 W
K08AD6Q	16.8	0.15	K081F	306.248	275.336	259.360	4.790	0.04974	2.31390	30 W
K08AD6R	16.1	0.15	K0824	350.830	2.195	129.501	16.384	0.08519	3.00395	74 W
K08AD6S	16.6	0.15	K081F	357.841	342.236	136.633	10.335	0.15999	2.72798	28 W
K08AD6T	16.1	0.15	K0824	9.766	314.246	160.976	7.671	0.14323	3.17048	57 W
K08AD6U	17.3	0.15	K081F	4.383	265.465	211.445	4.062	0.10495	2.31341	28 W
K08AD6W	17.5	0.15	K081F	343.753	346.153	159.630	6.016	0.12980	2.46251	28 W
K08AD6X	15.5	0.15	K081F	272.546	124.554	123.155	20.673	0.21254	3.19182	31 W
K08AD6Y	16.0	0.15	K081F	28.061	28.888	72.479	5.219	0.09379	3.13388	31 W
K08AD6Z	16.1	0.15	K081F	269.316	190.516	63.603	5.453	0.24312	3.08321	29 W
K08AD7A	16.8	0.15	K0824	103.044	185.406	192.891	5.701	0.13412	2.39820	56 W
K08AD7B	17.4	0.15	K081F	331.868	141.112	13.556	1.977	0.16775	2.44335	28 W
K08AD7C	16.3	0.15	K0824	44.716	268.296	147.357	16.413	0.25266	2.80554	55 W
K08AD7D	16.5	0.15	K081F	326.403	323.907	192.178	5.881	0.06852	2.35955	29 W
K08AD7E	16.5	0.15	K081F	42.523	161.060	258.785	6.954	0.17837	2.68481	29 W
K08AD7F	15.9	0.15	K0824	291.629	292.637	289.536	18.042	0.10718	2.76389	46 W
K08AD7G	15.9	0.15	K081F	42.113	264.436	161.522	16.404	0.19853	3.08544	16 W
K08AD7H	14.8	0.15	K0824	84.456	235.039	172.527	16.088	0.08733	3.14498	46 W
K08AD7J	16.5	0.15	K081F	262.245	302.953	290.033	5.778	0.07741	2.33934	30 W
K08AD7K	17.6	0.15	K081F	46.244	152.765	281.168	5.422	0.09037	2.21810	26 W
K08AD7L	15.6	0.15	K0820	348.587	23.923	144.364	5.744	0.04579	2.89860	79 W
K08B40B	17.2	0.15	K0824	296.822	153.774	42.644	7.789	0.02382	2.27353	50 W
K08B41P	16.6	0.15	K081F	315.709	142.133	42.735	3.276	0.12544	2.42619	34 W
K08B44D	16.8	0.15	K07CQ	37.304	40.291	17.548	5.627	0.21776	2.54854	49 W
K08B45C	16.2	0.15	K0824	353.621	64.318	80.556	10.302	0.16393	3.12464	52 W
K08B51G	17.1	0.15	K0820	23.877	288.331	174.154	5.579	0.15054	2.29098	101 W
K08B51H	18.1	0.15	K081F	13.446	327.477	133.021	7.525	0.27394	2.57133	26 W
K08B51J	15.4	0.15	K0824	19.212	307.552	160.500	19.893	0.09120	3.04791	45 W
K08B51K	17.8	0.15	K0824	0.544	281.278	213.667	1.821	0.14229	2.39391	54 W
K08B51L	16.9	0.15	K0824	15.382	80.044	39.113	7.855	0.08467	2.48547	46 W
K08B51M	17.5	0.15	K081F	58.501	6.963	46.712	5.472	0.21410	2.25011	28 W

K08B51N	16.8	0.15	K0824	227.420	210.537	72.554	6.529	0.09417	2.17683	52 W
K08B51O	15.1	0.15	K081F	236.839	302.553	339.270	15.425	0.22858	3.02287	28 W
K08B51P	17.1	0.15	K0824	16.139	102.918	8.568	9.189	0.17503	2.73042	45 W
K08B51Q	15.8	0.15	K0824	81.203	314.073	88.302	12.511	0.10273	3.10083	44 W
K08B51R	15.8	0.15	K0824	42.464	359.871	81.271	10.053	0.13424	3.12322	44 W
K08B51S	18.4	0.15	K081F	355.888	107.675	23.703	5.852	0.17718	2.25131	27 W
K08B51T	17.2	0.15	K081F	286.042	203.786	17.869	7.427	0.16553	2.48190	21 W
K08B51U	16.4	0.15	K0824	320.166	226.308	317.349	26.381	0.18389	3.19011	54 W
K08B51V	16.9	0.15	K0824	220.087	301.268	330.184	13.341	0.06030	2.60551	54 W
K08B51W	17.7	0.15	K0824	5.327	341.572	143.656	3.732	0.19532	2.63681	46 W
K08B51X	17.7	0.15	K081F	61.424	44.937	9.453	6.073	0.14433	2.20967	26 W
K08B51Y	18.7	0.15	K081F	17.504	77.171	25.734	5.175	0.22940	2.58219	26 W
K08B51Z	17.9	0.15	K081F	332.027	76.017	102.443	12.327	0.22624	2.71134	20 W
K08B52A	15.9	0.15	K0824	310.725	277.738	292.962	12.541	0.23348	3.12447	46 W
K08B52B	17.3	0.15	K0824	15.770	278.329	195.776	3.605	0.18380	2.57396	52 W
K08B52C	18.1	0.15	K081F	339.815	162.650	350.674	6.407	0.14060	2.27681	22 W
K08B52D	15.6	0.15	K081F	86.001	290.378	109.822	13.201	0.04643	3.12655	18 W
K08B52E	16.9	0.15	K081F	46.160	332.433	91.657	7.004	0.19374	2.63220	25 W
K08B52F	16.5	0.15	K081F	341.066	158.545	357.915	6.966	0.14549	3.07449	25 W
K08B52G	16.7	0.15	K0824	357.268	223.579	284.152	11.949	0.14226	2.78388	42 W
K08B52H	16.1	0.15	K0824	59.082	127.558	311.731	12.788	0.13935	2.59533	52 W
K08B52J	15.9	0.15	K0820	330.599	33.789	131.767	21.943	0.12839	3.15754	73 W
K08B52K	18.2	0.15	K0824	273.201	264.042	321.374	18.942	0.06618	1.88111	48 W
K08B52L	16.6	0.15	K0820	99.948	271.663	131.141	3.550	0.10966	2.72116	74 W
K08B52M	15.1	0.15	K0824	176.927	213.908	109.751	10.108	0.07234	3.18052	50 W
K08B52N	17.1	0.15	K0824	313.870	99.350	100.399	6.154	0.12246	2.46717	47 W
K08B52O	16.4	0.15	K0824	69.696	58.572	358.038	13.093	0.12737	2.42203	17 W
K08B52P	15.4	0.15	K0824	59.022	272.207	153.711	18.391	0.11570	3.09164	11 W
K08B52Q	17.0	0.15	K0824	301.231	314.194	250.680	4.156	0.16751	2.36774	13 W
K08B52R	16.8	0.15	K0820	28.879	312.616	146.625	12.207	0.14118	2.53873	56 W
K08B52S	17.9	0.15	K0824	23.517	111.251	345.476	8.779	0.29074	2.47350	12 W
K08B52T	16.3	0.15	K0824	337.278	225.443	311.635	27.112	0.19904	3.07453	30 W
K08B52U	17.2	0.15	K0824	305.820	118.406	85.229	7.338	0.08069	2.37649	37 W
K08C62G	16.0	0.15	K07CQ	27.058	324.024	83.190	10.583	0.08429	3.16401	82 W
K08CI0C	14.6	0.15	K07CQ	297.280	81.754	106.494	22.194	0.05443	3.14642	93 W
K08CI6X	16.7	0.15	K0824	29.125	70.123	32.073	9.810	0.16895	2.57781	50 W
K08CI8U	15.9	0.15	K0820	318.312	234.195	335.322	30.769	0.25459	2.64579	77 W
K08CK9A	17.6	0.15	K0824	358.207	302.687	187.193	5.047	0.14857	2.31222	12 W
K08CK9B	14.6	0.15	K083F	43.196	292.806	165.622	22.604	0.13400	3.27632	85 W
K08CK9C	15.2	0.15	K0824	355.986	228.730	274.463	8.679	0.03692	2.96252	40 W
K08CK9D	16.6	0.15	K0824	40.075	317.197	147.257	13.633	0.19460	2.67175	41 W
K08CK9E	16.9	0.15	K0824	355.647	319.616	178.782	4.292	0.18103	2.60331	12 W
K08CK9F	17.7	0.15	K0824	2.185	294.572	196.162	3.358	0.10307	2.28900	8 W
K08CK9G	17.7	0.15	K0824	10.625	215.354	265.063	3.751	0.15419	2.34083	8 W
K08CK9H	17.0	0.15	K0824	327.913	44.843	134.828	28.535	0.22483	2.53550	23 W
K08CK9J	16.4	0.15	K0824	54.997	334.096	103.893	14.579	0.13665	2.57013	40 W
K08CK9K	17.5	0.15	K0824	15.832	19.685	97.160	11.133	0.22570	2.67639	31 W
K08CK9L	15.6	0.15	K0824	335.884	261.940	270.206	4.126	0.05703	2.96335	37 W
K08CK9M	16.4	0.15	K0824	37.569	337.418	121.305	12.542	0.15125	2.59793	24 W
K08CK9N	17.1	0.15	K0824	38.440	81.228	8.901	6.411	0.07490	2.38613	30 W
K08CK9O	16.6	0.15	K0824	49.722	217.149	225.745	6.133	0.12459	2.47216	35 W
K08CK9P	14.7	0.15	K0824	5.239	227.605	279.812	9.384	0.07364	3.17966	35 W
K08CK9Q	15.1	0.15	K0824	278.785	121.218	97.151	13.519	0.02798	3.20608	24 W
K08CK9R	17.0	0.15	K0824	354.438	162.356	336.793	12.472	0.12495	2.71529	5 W
K08CK9S	18.1	0.15	K0824	10.905	59.517	63.468	4.115	0.17664	2.27181	21 W
K08CK9T	17.3	0.15	K0820	12.319	148.705	341.960	5.536	0.23731	2.61027	49 W
K08CK9U	17.3	0.15	K0824	54.165	347.337	96.812	11.582	0.13242	2.28878	34 W
K08CK9V	17.0	0.15	K0820	56.890	279.010	155.300	9.339	0.16388	2.56995	34 W
K08CK9W	16.0	0.15	K0824	41.744	301.169	149.233	17.733	0.16116	3.11692	26 W
K08CK9X	16.2	0.15	K0820	8.455	348.829	153.606	17.841	0.14345	3.12196	58 W
K08CK9Y	15.6	0.15	K0820	61.132	266.042	168.216	10.706	0.13630	3.03301	29 W
K08CK9Z	17.5	0.15	K0824	27.167	271.052	200.308	3.240	0.20135	2.22319	21 W
K08CL0A	15.2	0.15	K0824	63.685	272.173	157.365	9.263	0.12341	3.12162	15 W
K08D23A	15.8	0.15	K0824	313.247	274.940	281.906	11.309	0.14990	2.79539	47 W
K08D49Q	16.5	0.15	K07CQ	278.883	99.285	112.309	15.713	0.06661	2.54401	115 W
K08E19J	16.0	0.15	K0824	34.984	102.598	345.913	11.775	0.09123	3.05731	53 W
K08E58W	17.2	0.15	K0824	3.238	309.022	182.439	6.621	0.26554	2.62467	38 W
K08E70C	17.9	0.15	K0824	25.391	190.791	274.061	4.734	0.14823	2.20999	56 W
K08EB3J	16.9	0.15	K081F	20.616	162.480	315.470	9.965	0.21662	2.55334	89 W
K10C02C	16.9	0.15	K1035	0.025	188.786	318.733	7.653	0.26915	2.84462	93 S
K10C02V	16.9	0.15	K103P	321.818	67.308	134.799	5.363	0.06423	2.62082	97 S
K10C02X	16.4	0.15	K102D	23.615	342.265	139.697	7.053	0.08137	3.07939	167 S
K10C17K	17.0	0.15	K103P	309.219	225.585	62.253	9.052	0.17243	2.76766	92 S
K10C20U	16.2	0.15	K103P	289.688	278.332	335.133	23.844	0.22726	3.16985	91 S
K10C28O	17.7	0.15	K103P	9.635	315.418	182.562	9.107	0.24885	2.70465	88 S
K10C31W	17.0	0.15	K1035	33.590	312.252	150.766	22.629	0.21046	2.33578	112 S
K10C37S	17.1	0.15	K103P	32.024	320.659	149.174	11.066	0.19126	3.13352	87 S

K10C37V	18.0	0.15	K103P	334.323	228.748	323.649	6.798	0.15394	2.76083	87 S
K10C37Z	16.4	0.15	K102D	328.280	214.159	329.578	8.362	0.08372	3.04037	141 S
K10C42Y	16.3	0.15	K103P	44.537	113.825	338.296	9.249	0.20627	3.14889	92 S
K10C47P	16.5	0.15	K103P	22.089	114.894	70.255	18.639	0.18126	2.59110	91 S
K10C51P	16.1	0.15	K103P	42.226	112.282	46.372	26.959	0.20966	3.19881	92 S
K10C51R	14.9	0.15	K103P	340.451	339.338	269.882	8.324	0.16498	3.03304	89 S
K10C52U	15.4	0.15	K103P	319.614	93.596	187.903	10.747	0.19902	3.15954	90 S
K10C56H	15.9	0.15	K101O	319.362	246.433	301.737	12.932	0.12285	2.58545	171 S
K10C58V	15.7	0.15	K1035	16.744	165.176	322.506	8.243	0.10963	3.19243	116 S
K10C59U	16.0	0.15	K102D	330.895	229.335	318.388	13.641	0.16972	3.05332	172 S
K10C60B	15.4	0.15	K103P	0.815	0.101	156.546	13.560	0.08610	3.03907	95 S
K10C67A	16.9	0.15	K1035	92.509	108.421	307.001	3.766	0.05251	2.80868	122 S
K10C68H	16.6	0.15	K103P	305.602	280.014	318.376	7.748	0.22945	3.10749	92 S
K10C74T	17.0	0.15	K1035	314.036	73.165	137.672	2.860	0.13846	2.64860	119 S
K10C77H	16.0	0.15	K103P	109.567	66.208	340.623	11.503	0.06304	3.03379	93 X
K10C79B	16.3	0.15	K103P	19.588	30.180	102.432	9.467	0.07147	2.58715	84 S
K10C91O	17.0	0.15	K103P	63.647	272.572	156.642	8.610	0.19811	2.77319	85 S
K10C91S	16.5	0.15	K103P	310.895	33.962	180.534	4.050	0.12451	3.09913	83 S
K10C95V	16.6	0.15	K103P	288.458	271.344	326.611	10.108	0.11635	3.09425	83 S
K10CA0L	17.4	0.15	K1035	49.510	318.380	137.941	5.421	0.04128	2.74622	117 S
K10CA7D	16.3	0.15	K103P	308.860	125.074	95.808	1.970	0.14361	3.15447	85 S
K10CA8Y	15.8	0.15	K103P	165.856	198.782	147.342	22.574	0.03616	3.13606	82 S
K10CB4D	16.7	0.15	K103P	321.319	121.447	83.623	2.654	0.12035	3.09147	87 S
K10CF0O	17.6	0.15	K103P	8.718	159.735	343.328	9.709	0.15569	2.67242	83 S
K10CF7A	17.0	0.15	K103P	32.174	311.635	162.174	15.521	0.13339	2.63379	83 S
K10CF8M	17.4	0.15	K103P	16.891	319.887	170.167	7.813	0.21957	2.78638	86 S
K10CF8Q	17.1	0.15	K103P	26.082	314.158	156.943	16.939	0.24497	3.17542	82 S
K10CG0R	16.7	0.15	K102D	353.236	11.877	145.077	11.410	0.03811	2.64805	167 S
K10CG7G	16.1	0.15	K1035	62.777	278.068	146.953	26.021	0.22029	3.20759	119 S
K10D04X	16.2	0.15	K1035	339.229	35.420	136.807	23.677	0.16087	3.10096	72 S
K10D10R	17.0	0.15	K103P	343.021	194.446	341.833	17.914	0.14073	3.10547	81 S
K10D23K	16.1	0.15	K103P	36.168	115.521	55.520	27.658	0.19850	3.11229	87 S
K10D26P	16.4	0.15	K103P	12.358	9.573	200.276	12.819	0.17828	3.11853	83 S
K10D31L	16.5	0.15	K103P	18.652	53.449	148.948	15.861	0.14648	3.01549	82 S
K10D33P	16.7	0.15	K103P	341.077	164.864	84.913	17.488	0.10947	3.07933	83 S
K10D33U	15.6	0.15	K103P	313.736	206.091	81.621	16.336	0.14860	3.19729	86 S
K10D33X	16.9	0.15	K103P	294.691	156.674	149.084	12.791	0.12244	2.56539	86 S
K10D36D	17.0	0.15	K1035	63.386	284.938	145.980	5.898	0.13895	2.62601	116 S
K10D53F	15.0	0.15	K103P	178.282	282.345	130.613	10.952	0.12068	3.07180	81 S
K10D55Q		0.15	K102D	173.232	263.284	146.479	17.142	0.05817	3.03675	1ES
K10D58J	16.1	0.15	K103P	335.039	88.232	189.292	24.764	0.28541	3.18104	82 S
K10E00M	16.1	0.15	K103P	39.112	62.026	119.089	24.720	0.11187	2.54478	77 S
K10E20U	16.1	0.15	K1035	0.527	194.890	332.923	11.780	0.10724	3.03596	52 S
K10E20Z	15.3	0.15	K103P	251.410	233.734	31.231	11.067	0.03459	3.09701	71 X
K10E83Z	15.4	0.15	K103P	259.985	130.087	133.281	5.487	0.05180	3.17385	97 S
K10E84T	16.4	0.15	K103P	323.635	45.493	153.538	20.252	0.09538	3.06081	58 S
K10E87T	15.5	0.15	K104E	21.401	162.587	26.261	14.522	0.10946	2.61983	63 S
K10E87U	16.6	0.15	K104E	9.593	172.649	37.526	14.415	0.18404	2.63665	65 X
K10E88S	16.7	0.15	K103P	10.080	350.302	145.225	29.180	0.14333	3.08745	75 S
K10E88W	16.2	0.15	K103P	336.916	210.992	328.293	26.336	0.14153	3.19657	57 S
K10EA6L	16.4	0.15	K104E	349.218	188.415	25.146	13.920	0.22062	2.64216	63 X
K10EC8Y	17.7	0.15	K104E	289.386	91.334	199.785	5.926	0.13877	2.31352	66 X
K10ED0T	17.7	0.15	K104E	332.249	92.722	147.494	2.233	0.11391	2.74884	65 X
K10ED4U	16.6	0.15	K104E	345.255	22.136	202.212	16.506	0.15780	3.18646	66 X
K10F05H	17.6	0.15	K103P	307.720	245.043	339.384	11.924	0.17705	2.58413	85 S
K10F05O	16.8	0.15	K103P	293.354	94.349	148.307	12.360	0.16242	2.60450	84 S
K10F13D	17.7	0.15	K103P	357.593	173.985	31.367	7.277	0.21136	2.68609	53 S
K10F28X	16.0	0.15	K104E	352.153	183.201	38.537	7.905	0.22139	3.06945	57 S
K10F57T	15.9	0.15	K104E	304.681	238.354	15.088	14.964	0.02822	2.60390	62 X
K10F88K	17.5	0.15	K103P	347.473	208.938	14.327	7.750	0.25307	2.36800	80 S
K10F88L	16.0	0.15	K103P	357.234	161.878	54.120	10.804	0.10925	2.68010	89 S
K10F92N	16.7	0.15	K103P	7.887	155.177	36.928	13.387	0.21904	2.62040	90 S
K10F97M	17.5	0.15	K103P	339.976	182.302	47.722	5.300	0.20662	2.65959	53 S
K10G23U	16.6	0.15	K104E	49.717	317.456	181.646	24.864	0.24465	2.32937	37 S
K10G27E	15.6	0.15	K104E	103.568	299.349	164.438	10.869	0.08515	2.99149	41 S
K10G31Y	17.4	0.15	K104E	315.211	175.313	105.040	4.294	0.19090	2.32049	40 S
K10G62S	16.5	0.15	K104E	350.045	4.184	208.236	12.971	0.18331	2.67373	36 S
K10G66H	15.6	0.15	K104E	330.853	27.238	211.884	17.377	0.14859	3.08796	37 S
K10G66N	16.0	0.15	K104E	30.010	139.858	39.717	13.620	0.11391	2.65139	37 S
K10G75L	17.2	0.15	K104E	341.588	144.464	96.787	7.402	0.21302	2.33121	35 S
K10G75M	17.2	0.15	K104E	317.533	154.950	115.991	6.317	0.20280	2.40909	60 S
K10G97N	16.8	0.15	K104E	0.422	166.961	40.026	5.619	0.05113	2.71328	45 S
K10G98A	15.9	0.15	K103P	43.714	118.940	31.151	16.117	0.16962	3.09255	52 S
K10G98D	17.5	0.15	K104E	340.223	226.589	16.340	4.680	0.22273	2.61791	40 S
K10GA6D	17.2	0.15	K104E	316.434	125.746	152.586	4.876	0.19439	2.36046	39 S
K10GA6F	17.0	0.15	K104E	309.541	202.462	74.803	7.117	0.10707	2.24367	39 S
K10GC0B	16.3	0.15	K104E	278.713	128.828	193.713	14.450	0.19916	2.57081	56 S

K10GC3L	16.9	0.15	K104E	39.461	103.717	38.326	25.565	0.31221	2.65566	36 S
K10GC7A	16.6	0.15	K104E	0.802	71.534	146.747	9.113	0.09547	2.76765	52 S
K10GE1F	17.9	0.15	K103P	282.199	89.773	191.869	5.963	0.13419	2.28077	60 S
K10GE5P	17.7	0.15	K104E	351.730	24.536	202.741	4.298	0.18136	2.35456	64 S
K10GE5Y	15.9	0.15	K104E	310.468	217.780	46.947	33.494	0.18422	2.63831	34 W
K10GE6E	15.5	0.15	K104E	31.332	48.197	119.580	17.579	0.16863	3.11745	39 S
K10GE6R	16.0	0.15	K104E	345.939	119.592	123.603	20.642	0.35197	3.15878	39 S
K10GF6R	17.8	0.15	K104E	58.872	296.150	209.537	20.891	0.08343	1.85832	39 X
K10GF8K	17.3	0.15	K104E	340.428	150.562	84.436	8.857	0.13058	2.34492	36 S
K10GG0H	17.0	0.15	K104E	332.060	5.639	240.279	23.701	0.11580	2.29005	32 S
K10GG0X	16.2	0.15	K104E	351.863	106.468	115.855	10.164	0.12021	2.69045	34 S
K10GG1D	18.0	0.15	K104E	359.990	54.773	159.555	6.042	0.12982	2.31044	40 X
K10GG1S	17.1	0.15	K104E	3.034	123.187	85.123	23.507	0.04675	1.93112	39 S
K10GG1T	15.2	0.15	K104E	313.672	211.750	71.587	20.825	0.13308	3.13746	32 X
K10GG1Y	17.4	0.15	K104E	2.907	103.288	80.973	30.170	0.30577	2.24779	33 S
K10GG2D	16.2	0.15	K104E	310.259	168.207	118.721	10.288	0.19221	3.12391	35 S
K10H78N	17.3	0.15	K104E	340.545	169.419	76.926	3.665	0.16139	2.34809	26 S
K10H78Q	17.4	0.15	K104E	24.233	10.460	181.609	3.863	0.08562	2.24811	26 S
K10H78U	16.9	0.15	K1054	320.261	154.063	132.108	10.876	0.13404	2.37916	27 X
K10HA4R	16.8	0.15	K104E	5.076	144.225	69.164	4.655	0.19936	2.65432	38 S
K10HA4S	17.1	0.15	K1054	27.521	105.238	70.126	28.953	0.36170	2.67782	27 S
K10HA6L	17.3	0.15	K1054	7.597	167.483	50.418	12.184	0.08966	2.73411	27 X
K10HA7Q	16.7	0.15	K103P	342.290	161.188	77.140	8.729	0.18794	2.75794	89 S
K10HA7T	16.1	0.15	K1054	291.086	269.106	51.434	15.426	0.21162	2.66078	22 X
K10HA7V	17.4	0.15	K104E	352.032	190.638	33.446	3.304	0.15059	2.75134	29 S
K10HA8X	16.8	0.15	K1054	359.381	143.466	80.168	14.364	0.20426	2.68496	27 S
K10HA8Y	15.9	0.15	K1054	34.394	99.439	92.557	14.152	0.10340	2.56048	18ES
K10J00B	15.9	0.15	K1054	318.249	241.998	68.121	8.617	0.34091	3.19868	14ES
K10J00C	17.9	0.15	K1054	331.074	222.280	54.284	17.994	0.32425	2.69264	13 S
K10J00L	15.9	0.15	K1054	336.009	179.326	71.459	15.410	0.08631	2.71582	14 X
K10J03L	15.7	0.15	K1054	343.262	1.571	249.513	20.724	0.22931	3.12428	12 X
K10J14E	16.2	0.15	K1054	232.568	83.320	347.679	28.183	0.27801	1.97705	5 S
K10J20S	17.0	0.15	K1054	338.358	11.943	313.656	3.808	0.31388	2.68807	6ES
K10J28X	18.2	0.15	K1054	50.940	303.132	227.024	21.366	0.04717	1.91203	10 S
K10J29F	17.0	0.15	K1054	344.473	185.327	61.958	0.521	0.14506	2.83541	14 X
K10J29G	17.2	0.15	K1054	248.000	294.012	52.783	4.188	0.07254	2.67158	14ES
K10J29N	17.3	0.15	K104E	303.853	211.388	98.444	15.451	0.26298	2.59748	36 S
K10J32Y	18.0	0.15	K1054	4.075	37.000	186.630	0.753	0.09233	2.55615	11 X
K10J32Z	17.9	0.15	K1054	183.462	177.623	228.081	6.423	0.06418	2.15550	11 X
K10J33Z	16.8	0.15	K104E	355.884	36.150	194.293	3.841	0.20098	2.57050	59 S
K10J34B	16.7	0.15	K1054	22.424	103.128	88.810	13.096	0.23049	2.57943	13 S
K10J34Q	18.2	0.15	K1054	333.925	82.728	178.988	3.214	0.14056	2.15063	10 S
K10J40D	18.2	0.15	K1054	13.440	337.010	231.296	6.332	0.16790	2.23202	10ES
K10J43U	18.7	0.15	K104E	342.742	107.522	141.112	4.525	0.19199	2.31242	38 S
K10J43X	16.9	0.15	K1054	252.216	251.609	103.900	7.678	0.13816	2.30916	13 X
K10J43Z	17.7	0.15	K1054	6.374	72.182	152.160	4.923	0.13181	2.63641	13 X
K10J44A	17.7	0.15	K1054	327.695	168.420	121.245	5.002	0.28551	2.85480	13 X
K10J46L	16.9	0.15	K1054	275.610	225.063	128.297	13.093	0.27960	2.58291	10 X
K10J48P	17.9	0.15	K1054	312.558	51.452	231.078	11.841	0.08738	2.27780	11 X
K10J52H	16.2	0.15	K1054	202.449	322.183	3.911	11.628	0.18637	2.35428	1 S
K10J53P	16.7	0.15	K1054	216.419	278.702	39.376	21.353	0.29430	2.49933	1 S
K10J54N	15.5	0.15	K1054	168.789	261.893	91.875	6.269	0.07399	2.40977	1 S
K10J56G	16.2	0.15	K1054	340.202	156.570	161.108	12.823	0.12139	3.06723	1 S
K10J57J	17.6	0.15	K1054	297.959	281.426	82.878	17.839	0.13079	2.29071	1 S
K10J59N	14.9	0.15	K1054	212.688	159.902	155.277	10.527	0.10410	2.71470	1 S
K10J61D	17.8	0.15	K1054	172.520	274.509	78.276	8.890	0.14730	2.09340	1 S
K10J61Q	17.5	0.15	K1054	337.295	75.773	252.436	14.383	0.22257	3.15696	1 S
K10J63N	16.8	0.15	K1054	54.349	311.952	151.089	9.446	0.09878	2.52695	1 S
K10J63U	17.8	0.15	K1054	322.593	315.844	287.236	10.673	0.31989	2.36524	2 S
K10J64Y	16.2	0.15	K1054	201.114	238.610	90.739	10.044	0.16969	2.38969	1 S
K10J65B	17.2	0.15	K1054	156.716	203.040	289.964	13.124	0.12077	2.43856	1 S
K10J65Y	17.2	0.15	K1054	187.957	252.572	85.069	13.934	0.03931	2.66565	1 S
K10J66D	16.6	0.15	K1054	334.609	105.982	218.542	8.700	0.23523	2.39077	2ES
K10J66X	14.4	0.15	K1054	275.220	171.840	248.254	27.787	0.30548	3.11559	1 S
K10J68L	17.6	0.15	K1054	290.245	314.876	57.990	15.404	0.12921	2.24743	1 S
K10J70G	17.6	0.15	K1054	356.327	127.564	51.322	8.076	0.21784	2.51437	2ES
K10J70L	15.2	0.15	K1054	322.808	307.731	27.041	13.073	0.04378	2.81729	1 S
K10J70U	17.8	0.15	K1054	336.577	103.270	116.902	5.160	0.31862	2.58147	2 S
K10J70W	16.0	0.15	K1054	302.201	144.377	81.746	9.504	0.08211	3.88196	1 S
K10J71C	15.2	0.15	K1054	222.566	234.267	71.856	14.086	0.09106	3.06069	6 S
K10J71L	16.1	0.15	K1054	286.764	173.133	101.532	28.106	0.27458	2.83480	1ES
K10J71U	17.0	0.15	K1054	319.731	223.387	46.513	1.686	0.05254	2.62166	14ES
K10J71W	18.2	0.15	K1054	298.698	193.582	119.190	5.980	0.17699	2.21813	13 X
K10J72O	17.0	0.15	K104E	340.358	154.431	94.620	12.938	0.14417	2.69912	33 S
K10J72S	16.0	0.15	K104E	292.667	141.335	175.001	13.031	0.17946	3.08618	31 S
K10J73E	16.5	0.15	K1054	292.671	84.695	220.545	3.109	0.07652	2.80955	11 X
K10J73N	16.2	0.15	K1054	347.174	17.032	223.260	2.434	0.05457	2.75783	9 X

K10J73O	16.6	0.15	K1054	233.229	313.681	47.544	3.244	0.09802	2.32516	9 X
K10J73P	18.6	0.15	K1054	344.437	198.488	47.499	6.494	0.12229	2.28757	9 X
K10J73S	17.0	0.15	K1054	329.652	45.295	213.653	2.521	0.02169	3.00051	9 X
K10J73U	17.9	0.15	K1054	354.436	14.724	219.590	1.836	0.14632	2.42159	9 X
K10J73V	17.6	0.15	K1054	326.338	214.907	57.124	3.360	0.14874	2.41363	9 X
K10J73X	16.5	0.15	K1054	278.398	259.941	60.407	4.628	0.09236	2.78575	9 X
K10J73Z	17.8	0.15	K1054	323.876	220.135	57.196	4.371	0.17759	2.59610	9 X
K10J74B	18.2	0.15	K1054	316.589	222.636	56.931	5.752	0.10490	2.12674	9 X
K10J74D	18.1	0.15	K1054	328.680	40.063	230.830	32.516	0.17572	2.65543	6 S
K10J74J	17.4	0.15	K1054	244.604	305.960	57.114	9.951	0.19395	2.34017	6 X
K10J74K	15.7	0.15	K1054	176.956	185.712	226.930	12.191	0.25670	2.63288	5 S
K10J74V	16.2	0.15	K1054	38.674	308.786	229.482	19.426	0.17970	3.14254	5 S
K10J75G	18.0	0.15	K1054	351.316	186.227	54.617	8.629	0.13839	2.73134	14 S
K10J76W	16.8	0.15	K104E	320.643	180.582	79.599	14.154	0.04446	2.72378	32 S
K10J77C	17.1	0.15	K1054	253.390	290.134	56.108	6.878	0.10458	2.35392	9 S
K10J77E	17.2	0.15	K1054	67.045	96.893	61.632	4.176	0.03339	2.34395	6 X
K10J77F	19.6	0.15	K1054	8.471	78.187	139.277	0.512	0.10961	2.02453	6ES
K10J77H	15.5	0.15	K1054	82.838	248.099	229.063	18.142	0.28259	3.17300	5 S
K10J77P	17.3	0.15	K1054	301.403	138.797	172.202	12.835	0.14683	2.62066	13 X
K10J79A	17.6	0.15	K1054	32.006	59.640	136.573	5.859	0.07092	2.60679	6 X
K10J79B	17.6	0.15	K1054	328.707	125.392	150.560	5.200	0.17666	2.44111	6 X
K10J79C	16.3	0.15	K1054	255.256	244.691	108.839	6.255	0.13996	2.72784	6 X
K10J79F	17.8	0.15	K1054	78.226	326.019	178.252	6.699	0.09260	2.35075	6 X
K10J79J	18.1	0.15	K1054	40.652	51.084	130.195	5.879	0.12767	2.46019	6 X
K10J79Z	15.9	0.15	K1054	331.531	192.861	82.722	18.915	0.15933	3.23750	5 X
K10J80K	15.6	0.15	K1054	35.331	129.454	56.493	16.322	0.04986	2.61786	12 S
K10J80M	15.4	0.15	K1054	2.903	172.853	52.602	32.453	0.18667	3.19078	9 S
K10J80O	17.7	0.15	K1054	298.986	240.727	52.970	21.315	0.05343	1.87011	10 X
K10J81B	14.7	0.15	K1054	71.566	110.257	310.479	24.572	0.29198	3.14402	1 S
K10J82R	16.3	0.15	K1054	18.332	120.731	83.195	12.091	0.11933	2.61374	5 X
K10J82X	17.5	0.15	K1054	7.394	117.661	108.979	7.389	0.05468	2.27653	13 S
K10J82Y	17.7	0.15	K1054	356.357	55.331	182.014	4.882	0.20452	2.35807	13 X
K10J83P	17.9	0.15	K104E	338.003	154.997	93.033	7.741	0.22610	2.26237	35 S
K10J83W	18.0	0.15	K1054	351.781	138.352	100.216	12.779	0.12243	2.50732	1 S
K10J84J	18.6	0.15	K1054	321.232	126.098	163.130	4.763	0.20830	2.14455	13 X
K10J85K	15.6	0.15	K1054	245.971	253.407	100.161	11.673	0.03674	3.08878	6 S
K10J85P	18.0	0.15	K1054	345.062	34.180	220.041	4.877	0.18140	2.21230	9 S
K10J86S	17.1	0.15	K1054	127.679	273.670	122.773	13.374	0.09786	2.08245	1 S
K10J86U	16.2	0.15	K1054	209.800	272.938	54.378	13.885	0.26787	2.38471	1 S
K10J86V	16.1	0.15	K1054	295.414	335.182	33.879	24.761	0.14005	2.27577	1 S
K10J87A	17.2	0.15	K1054	331.631	187.029	88.586	7.786	0.22027	2.38314	9 X
K10J87K	16.9	0.15	K1054	330.641	34.994	237.035	15.582	0.09539	2.62361	5 X
K10J88T	13.9	0.15	K1054	109.556	196.961	344.598	17.859	0.03619	2.86648	1 S
K10J90C	17.1	0.15	K1054	210.033	260.188	183.490	16.121	0.11997	1.96680	2 S
K10J90X	17.4	0.15	K1054	86.889	145.803	284.502	12.058	0.14280	2.01041	2 S
K10J91T	15.9	0.15	K1054	350.677	76.300	97.992	10.097	0.02869	3.04286	1 S
K10J91Z	14.9	0.15	K1054	211.791	55.692	260.236	6.213	0.06491	2.80532	1 S
K10J92A	16.8	0.15	K1054	173.327	1.835	351.565	16.317	0.11966	2.14746	1 S
K10J92F	16.9	0.15	K1054	146.974	286.387	218.913	18.115	0.08459	2.70585	1 S
K10J92V	16.4	0.15	K1054	157.924	140.425	347.025	15.268	0.21237	2.10733	1 S
K10J92X	16.4	0.15	K1054	267.752	41.214	23.574	17.693	0.31458	2.98847	1 S
K10J93Y	17.6	0.15	K1054	48.950	131.057	92.148	20.756	0.13368	2.03595	1 S
K10J94D	13.7	0.15	K1054	93.136	163.377	254.990	14.178	0.10637	3.05583	1 S
K10J94H	15.4	0.15	K1054	7.703	5.727	148.964	9.653	0.09603	3.26867	1 S
K10J96H	15.9	0.15	K1054	219.866	22.836	295.755	23.796	0.16332	2.61468	1 S
K10J96S	15.2	0.15	K1054	150.000	357.171	139.704	15.959	0.18476	2.32324	1 S
K10J97W	15.4	0.15	K1054	152.895	31.289	110.039	27.881	0.02493	2.47658	1 S
K10J98R	17.1	0.15	K1054	68.161	150.191	312.312	26.880	0.04908	2.25260	2 S
K10J99N	14.9	0.15	K1054	358.933	316.185	345.567	5.132	0.15417	3.88327	1 S
K10J99S	17.4	0.15	K1054	315.248	100.784	256.751	4.569	0.25543	2.34752	1 S
K10J99U	14.7	0.15	K1054	270.169	93.524	304.417	16.350	0.13829	2.34310	2 S
K10JA1A	16.7	0.15	K1054	281.800	204.660	174.196	10.703	0.07594	2.38036	1 S
K10JA1M	16.2	0.15	K1054	214.585	17.457	309.641	25.187	0.21443	2.34062	1 S
K10JA3V	15.8	0.15	K1054	43.316	269.196	204.900	8.270	0.13341	2.62653	1 S
K10JA6H	16.2	0.15	K1054	193.549	265.459	70.207	12.230	0.09450	2.53948	1 S
K10JB0L	19.6	0.15	K1054	1.296	346.942	236.624	11.110	0.48890	2.62228	4 W
K10JB1D	17.8	0.15	K1054	294.105	199.058	123.511	1.413	0.23200	2.28779	5 S
K10JB1E	16.3	0.15	K1054	133.205	224.150	226.425	14.322	0.10565	2.71719	5 S
K10JB1U	15.6	0.15	K1054	288.793	192.378	106.293	10.742	0.05157	3.14467	10 S
K10JB2K	16.9	0.15	K104E	342.495	175.577	75.999	2.706	0.14048	3.17699	31 S
K10JB5H	15.1	0.15	K1054	330.863	231.269	25.487	18.589	0.13431	3.05056	9 S
K10JB6A	16.2	0.15	K1054	324.252	53.883	224.205	8.908	0.09050	2.63614	10ES
K10K00B	13.5	0.15	K1054	358.965	30.318	269.132	21.903	0.02175	5.18958	1ES

## New observations:

J98H49G	2C2010	05	15.58610020	59	37.634-22	52	36.97	22.4	R	EK013568
J98H49G	2C2010	05	15.58981020	59	38.343-22	52	36.26	22.2	R	EK013568

K00H74D	C2010	05	16.57345	14	50	42.68	+01	07	01.1		
K00H74D	C2010	05	16.57568	14	50	41.89	+01	06	49.0	18.2	V
K00H74D	C2010	05	16.58240	14	50	39.45	+01	06	13.7		EK013379
K00H74D	C2010	05	16.58465	14	50	38.66	+01	06	01.8		EK013379
K00H74D	C2010	05	16.58692	14	50	37.87	+01	05	49.9		EK013379
K00H74D	C2010	05	16.60027	14	50	33.03	+01	04	38.9		EK013379
K00H74D	C2010	05	16.60251	14	50	32.21	+01	04	27.5		EK013379
K00H74D	C2010	05	16.85545	14	49	03.95	+00	42	00.2	17.0	V
K00H74D	C2010	05	16.86944	14	48	58.89	+00	40	45.7	16.9	V
K00H74D	C2010	05	16.88343	14	48	53.85	+00	39	31.0	17.1	V
K00H74D	C2010	05	17.59611	14	44	37.98	-00	24	51.8	18.1	V
K00H74D	C2010	05	17.61116	14	44	32.40	-00	26	15.2		EK013379
K00H74D	C2010	05	17.61936	14	44	29.39	-00	27	00.2		EK013379
K00H74D	C2010	05	17.64020	14	44	21.69	-00	28	54.3		EK013379
K00H74D	C2010	05	17.65062	14	44	17.82	-00	29	52.0		EK013379
K01H00C	C2010	05	17.19110	12	08	22.45	-23	48	26.1	18.6	V
K01H00C	C2010	05	17.19678	12	08	21.62	-23	48	25.8	18.4	V
K01H00C	C2010	05	17.20249	12	08	20.83	-23	48	27.2	18.5	V
K01H00C	C2010	05	17.20824	12	08	20.04	-23	48	27.0	18.8	V
K04T18B	C2010	05	15.00833	15	50	55.12	+13	52	39.3	17.8	R
K04T18B	C2010	05	15.01285	15	50	54.65	+13	52	36.2	18.0	R
K04T18B	C2010	05	15.01690	15	50	54.27	+13	52	32.5	17.9	R
K06KB2Z	KC2010	05	17.43407	23	12	57.17	+28	33	45.6	19.0	C
K06KB2Z	KC2010	05	17.44048	23	12	56.87	+28	33	47.6	18.9	C
K06KB2Z	KC2010	05	17.44761	23	12	56.53	+28	33	50.5	19.1	C
K06KB2Z	KC2010	05	17.45405	23	12	56.30	+28	33	52.7	19.5	C
K06KB2Z	KC2010	05	17.46083	23	12	55.98	+28	33	55.3	19.4	C
K07W63M*	C2007	11	20.47951	11	45	54.21	+00	19	01.7	17.9	V
K07W63M	C2007	11	20.48331	11	45	54.46	+00	18	59.7	18.1	V
K07W63M	C2007	11	20.48772	11	45	54.68	+00	18	57.3	18.0	V
K07W63M	C2007	11	20.48815	11	45	54.75	+00	18	57.6	18.2	V
K07W63M	C2007	11	20.49299	11	45	55.04	+00	18	55.4	18.2	V
K07W63M	C2007	11	20.49601	11	45	55.22	+00	18	53.7	18.0	V
K07W63M	C2007	11	20.49770	11	45	55.29	+00	18	53.2	18.1	V
K07W63M	C2007	11	20.50421	11	45	55.72	+00	18	49.7	17.9	V
K07W63M	C2007	12	05.45277	12	00	10.06	-01	37	02.7	18.0	
K07W63M	C2007	12	05.46566	12	00	10.72	-01	37	08.3	18.4	
K07W63M	C2007	12	05.47353	12	00	11.08	-01	37	13.0	17.5	V
K07W63M	C2007	12	05.47853	12	00	11.52	-01	37	15.1	18.5	
K07W63M	C2007	12	05.48016	12	00	11.41	-01	37	16.2	17.5	V
K07W63M	C2007	12	05.48671	12	00	11.84	-01	37	19.2	17.7	V
K07W63M	C2007	12	05.49140	12	00	12.14	-01	37	20.8	18.5	
K07W63M	C2007	12	05.49350	12	00	12.20	-01	37	22.2	17.4	V
K07W63M	C2007	12	05.50428	12	00	12.90	-01	37	27.0	18.2	
K07W63M	C2008	01	11.46453	12	31	10.96	-06	28	04.6	17.3	
K07W63M	C2008	01	11.47765	12	31	11.54	-06	28	11.1	17.3	
K07W63M	C2008	01	11.49111	12	31	12.08	-06	28	17.3	17.6	
K07W63M	C2008	01	11.50437	12	31	12.64	-06	28	24.5	17.4	
K07W63M	C2008	01	11.51768	12	31	13.21	-06	28	30.8	17.5	
K07W63M	C2008	01	16.40428	12	34	31.96	-07	06	58.4	17.4	
K07W63M	C2008	01	16.41733	12	34	32.56	-07	07	04.8	17.5	
K07W63M	C2008	01	16.43036	12	34	33.01	-07	07	10.5	17.8	
K07W63M	C2008	01	16.44342	12	34	33.52	-07	07	16.7	18.0	
K07W63M	C2008	01	16.45662	12	34	34.03	-07	07	24.1	17.0	
K07W63M	C2008	01	18.48691	12	35	51.64	-07	23	23.3	16.0	V
K07W63M	C2008	01	18.49203	12	35	51.82	-07	23	25.8	16.1	V
K07W63M	C2008	01	18.49721	12	35	51.97	-07	23	28.1	15.9	V
K07W63M	C2008	01	18.50242	12	35	52.18	-07	23	30.6	16.1	V
K07X58T*	C2007	12	14.26302	06	20	19.91	+23	15	51.1	19.6	
K07X58T	C2007	12	14.27613	06	20	18.95	+23	15	50.0	19.7	
K07X58T	C2007	12	14.28905	06	20	18.03	+23	15	48.9	19.9	
K07X58T	C2007	12	14.30198	06	20	17.04	+23	15	47.0	19.8	
K07X58T	C2007	12	14.31490	06	20	16.15	+23	15	45.7	19.5	
K07X58T	C2007	12	15.30474	06	19	08.61	+23	13	45.7	19.3	V
K07X58T	C2007	12	15.32239	06	19	07.31	+23	13	43.8	19.4	V
K07X58T	C2007	12	15.34003	06	19	06.01	+23	13	41.5	19.3	V
K07X58T	C2008	02	08.20504	05	27	24.48	+20	39	45.4	19.0	V
K07X58T	C2008	02	08.21322	05	27	24.58	+20	39	44.6	18.9	V
K07X58T	C2008	02	08.22137	05	27	24.73	+20	39	43.7	19.0	V
K07X58T	C2008	02	08.22951	05	27	24.84	+20	39	42.9	18.9	V
K07X58T	C2008	02	10.15272	05	28	07.63	+20	36	51.0	19.6	
K07X58T	C2008	02	10.16472	05	28	07.90	+20	36	49.9	19.8	
K07X58T	C2008	02	10.18886	05	28	08.46	+20	36	48.4	20.3	
K07X58T	C2008	02	10.20103	05	28	08.67	+20	36	46.7	19.8	
K07X58T	C2008	02	26.17671	05	42	31.14	+20	22	10.1	19.5	
K07X58T	C2008	02	26.19982	05	42	32.91	+20	22	08.2	20.0	
K07X58T	C2008	02	26.21145	05	42	33.81	+20	22	08.3	20.0	



K09SA3O	C2010	05	14.99051	17	23	38.24	+42	25	29.9	18.7	R	EK013561
K09SA3O	C2010	05	14.99479	17	23	37.26	+42	25	29.2	17.7	R	EK013561
K09SA3O	C2010	05	14.99942	17	23	36.28	+42	25	28.0	18.9	R	EK013561
K10F81C	KC2010	05	17.05104	13	08	39.50	+36	29	47.4			EK013115
K10F81C	KC2010	05	17.05450	13	08	45.98	+36	29	15.8			EK013115
K10F81C	KC2010	05	17.05706	13	08	50.78	+36	28	52.8			EK013115
K10F81C	C2010	05	17.31368	13	16	55.77	+35	48	15.3	17.4	V	EK013703
K10F81C	C2010	05	17.31941	13	17	06.43	+35	47	16.8	17.4	V	EK013703
K10F81C	C2010	05	17.32514	13	17	17.08	+35	46	18.6	17.0	V	EK013703
K10F81C	C2010	05	17.33087	13	17	27.81	+35	45	19.6	17.2	V	EK013703
K10F81C	JC2010	05	18.17614	13	44	09.15	+33	14	10.7	17.7	C	EK013695
K10F81C	JC2010	05	18.17685	13	44	10.38	+33	14	02.6	17.9	C	EK013695
K10F81C	JC2010	05	18.17754	13	44	11.61	+33	13	54.7	17.8	C	EK013695
K10F81C	JC2010	05	18.17825	13	44	12.85	+33	13	46.6	17.7	C	EK013695
K10H00C	KC2010	05	17.12932	11	07	23.85	-14	41	52.0	20.3	C	EK013448
K10H00C	KC2010	05	17.14567	11	07	21.50	-14	42	33.9	20.1	C	EK013448
K10H00C	KC2010	05	17.16281	11	07	19.06	-14	43	15.7	20.1	C	EK013448
K10J00F	C2010	05	17.29810	14	20	24.97	-00	08	47.6	20.3	V	EK013G96
K10J00F	C2010	05	17.30346	14	20	24.61	-00	08	33.7	20.3	V	EK013G96
K10J00F	C2010	05	17.30887	14	20	24.25	-00	08	19.5	20.2	V	EK013G96
K10J00F	C2010	05	17.31424	14	20	23.89	-00	08	05.6	20.3	V	EK013G96
K10J00F	C2010	05	17.36232	14	20	20.64	-00	06	00.9	21.1	V	EK013291
K10J00F	C2010	05	17.36996	14	20	20.12	-00	05	40.4	20.9	V	EK013291
K10J00G	C2010	05	17.25443	14	15	19.94	-25	19	33.1	18.0	V	EK013703
K10J00G	C2010	05	17.26138	14	15	16.20	-25	20	07.7	17.9	V	EK013703
K10J00G	C2010	05	17.26841	14	15	12.42	-25	20	45.4	17.8	V	EK013703
K10J00G	C2010	05	17.27530	14	15	08.78	-25	21	20.5	18.2	V	EK013703
K10J01K	tC2010	05	17.20598	11	40	17.42	+03	23	24.9	20.4	V	EK013291
K10J01K	tC2010	05	17.22477	11	40	11.27	+03	24	01.8	20.7	V	EK013291
K10J33K	KC2010	05	17.19309	14	11	35.64	-19	26	31.1	20.3	C	EK013448
K10J33K	KC2010	05	17.21628	14	11	31.62	-19	26	32.3	20.4	C	EK013448
K10J33K	IC2010	05	17.23918	14	11	27.53	-19	26	33.6	20.5	C	EK013448
K10J33L	C2010	05	17.26288	15	05	10.41	-17	07	05.2	20.9	V	EK013691
K10J33L	C2010	05	17.27556	15	05	09.03	-17	07	01.2	20.2	V	EK013691
K10J33L	C2010	05	17.28569	15	05	07.95	-17	06	58.5	20.4	V	EK013691
K10J34S	tC2010	05	17.22943	13	04	56.07	-19	45	00.0	21.1	V	EK013291
K10J34S	tC2010	05	17.23357	13	04	55.33	-19	45	06.0	21.5	V	EK013291
K10J34S	tC2010	05	17.23754	13	04	54.51	-19	45	13.9	21.0	V	EK013291
K10J34T	tC2010	05	17.39064	16	08	01.22	-23	49	06.4	20.5	V	EK013291
K10J34T	tC2010	05	17.39492	16	08	00.61	-23	49	12.1	19.9	V	EK013291
K10J34T	tC2010	05	17.39901	16	07	59.66	-23	49	18.4	19.8	V	EK013291
K10J34U	HC2010	05	17.37429	13	58	30.69	+03	32	47.2			EK013291
K10J34U	HC2010	05	17.37805	13	58	30.64	+03	33	06.2			EK013291
K10J34U	HC2010	05	17.38167	13	58	30.59	+03	33	27.3			EK013291
K10J34V	C2010	05	17.01006	14	54	32.41	+00	23	19.2	15.7	R	EK013J53
K10J34V	C2010	05	17.01053	14	54	32.36	+00	23	24.7	15.7	R	EK013J53
K10J34V	C2010	05	17.01233	14	54	32.19	+00	23	45.9	15.9	R	EK013J53
K10J34V	C2010	05	17.01256	14	54	32.16	+00	23	48.7	15.8	R	EK013J53
K10J34V	KC2010	05	17.08495	14	54	31.91	+00	37	59.2			EK013115
K10J34V	KC2010	05	17.08837	14	54	31.58	+00	38	39.9			EK013115
K10J34V	KC2010	05	17.09169	14	54	31.32	+00	39	20.0			EK013115
K10J34V	KC2010	05	17.86789	14	53	45.09	+03	25	08.9	15.6	C	EK013199
K10J34V	KC2010	05	17.87379	14	53	44.52	+03	26	29.9	15.8	C	EK013199
K10J34V	KC2010	05	17.88004	14	53	43.93	+03	27	56.2	15.8	C	EK013199
K10J34V	C2010	05	17.88490	14	53	42.87	+03	29	01.9	15.6	R	EK013213
K10J34V	C2010	05	17.88610	14	53	42.74	+03	29	18.6	15.8	R	EK013213
K10J34V	C2010	05	17.88700	14	53	42.64	+03	29	30.6	15.7	R	EK013213
K10J34V	JC2010	05	18.19134	14	53	23.14	+04	41	50.3	16.1	C	EK013695
K10J34V	JC2010	05	18.19200	14	53	23.07	+04	42	00.0	16.3	C	EK013695
K10J34V	JC2010	05	18.19267	14	53	23.00	+04	42	09.7	16.2	C	EK013695
K10J34V	JC2010	05	18.19334	14	53	22.93	+04	42	19.5	16.2	C	EK013695
K10J35A	HC2010	05	17.27153	14	40	32.63	-22	07	38.5			EK013291
K10J35A	HC2010	05	17.27593	14	40	31.50	-22	07	48.9			EK013291
K10J35A	C2010	05	17.27996	14	40	30.58	-22	07	56.2			EK013291
K10J39W	tC2010	05	17.41048	17	21	40.76	+14	26	19.2	21.9	V	EK013291
K10J39W	tC2010	05	17.41459	17	21	40.86	+14	26	01.6			EK013291
K10J39W	tC2010	05	17.41860	17	21	40.86	+14	25	43.9	21.7	V	EK013291
K10J41J	tC2010	05	17.24826	13	02	00.63	-05	34	58.8			EK013291
K10J41J	tC2010	05	17.25356	13	02	00.41	-05	34	59.8			EK013291
K10J41J	tC2010	05	17.25889	13	02	00.28	-05	35	02.3			EK013291
K10J41K	KC2010	05	17.26495	14	44	45.70	+34	21	20.6	19.6	C	EK013448
K10J41K	KC2010	05	17.27232	14	44	45.23	+34	20	36.2	19.5	C	EK013448
K10J41K	KC2010	05	17.28207	14	44	44.69	+34	19	38.0	19.1	C	EK013448
K10J41K	KC2010	05	17.28911	14	44	44.27	+34	18	55.5	19.2	C	EK013448
K10J71N	KC2010	05	17.14830	11	21	27.97	+57	21	46.5	18.9	C	EK013H13
K10J71N	KC2010	05	17.15390	11	21	23.24	+57	21	32.3	18.9	C	EK013H13
K10J71N	KC2010	05	17.15952	11	21	18.44	+57	21	18.1	18.6	C	EK013H13

K10J71N	KC2010	05	17.16512	11	21	13.70	+57	21	03.7	18.4	C	EK013H13
K10J71N	KC2010	05	17.27496	11	19	40.15	+57	15	45.6	19.0	C	EK013H10
K10J71N	KC2010	05	17.29256	11	19	25.68	+57	14	50.6	18.9	C	EK013H10
K10J71N	KC2010	05	17.92223	11	10	50.88	+56	44	37.0			EK013J95
K10J71N	KC2010	05	17.92565	11	10	47.73	+56	44	25.1			EK013J95
K10J71N	KC2010	05	17.92905	11	10	44.62	+56	44	13.4	18.4	R	EK013J95
K10J71N	JC2010	05	18.14439	11	07	37.84	+56	33	22.0	17.8	C	EK013695
K10J71N	JC2010	05	18.14551	11	07	36.72	+56	33	18.0	17.9	C	EK013695
K10J71N	JC2010	05	18.14644	11	07	35.80	+56	33	14.7	18.2	C	EK013695
K10J71N	JC2010	05	18.14737	11	07	34.88	+56	33	11.5	18.2	C	EK013695
K10J80H	HC2010	05	17.28846	14	30	09.92	-00	54	25.5			EK013291
K10J80H	C2010	05	17.29821	14	30	10.05	-00	54	04.9	22.4	V	EK013291
K10J88E	C2010	05	16.46243	14	01	28.85	-03	29	04.3	18.5	C	EK013D90
K10J88E	C2010	05	16.46734	14	01	29.96	-03	29	05.3	18.4	C	EK013D90
K10J88E	C2010	05	16.47217	14	01	31.09	-03	29	06.6	18.5	C	EK013D90
K10J88E	C2010	05	16.47713	14	01	32.22	-03	29	07.2	18.3	C	EK013D90
K10J88E	C2010	05	17.30446	14	04	40.37	-03	32	36.1	18.8	V	EK013291
K10J88E	C2010	05	17.30812	14	04	41.10	-03	32	36.7	18.6	V	EK013291
K10J88E	C2010	05	17.31180	14	04	41.81	-03	32	37.3	18.7	V	EK013291
K10J88F	C2010	05	15.25560	14	45	24.66	+30	27	02.1	19.1	V	EK013H26
K10J88F	C2010	05	15.25795	14	45	24.36	+30	27	04.1	19.1	V	EK013H26
K10J88F	C2010	05	15.26030	14	45	23.92	+30	27	06.3	19.4	V	EK013H26
K10J88H	C2010	05	15.22883	12	52	13.03	+45	33	50.8	19.2	V	EK013H26
K10J88H	C2010	05	15.23118	12	52	13.23	+45	33	41.7	19.2	V	EK013H26
K10J88L	C2010	05	17.18583	10	15	27.25	-17	57	04.8	16.1	V	EK013703
K10J88L	C2010	05	17.18583	10	15	27.25	-17	57	04.8	16.1	V	EK013703
K10J88L	C2010	05	17.18605	10	15	17.56	-17	56	29.7	15.9	V	EK013703
K10J88L	C2010	05	17.18605	10	15	17.56	-17	56	29.7	15.9	V	EK013703
K10J88L	C2010	05	17.18632	10	15	06.01	-17	55	47.1	16.0	V	EK013703
K10J88L	C2010	05	17.18632	10	15	06.01	-17	55	47.1	16.0	V	EK013703
K10J88L	C2010	05	17.18632	10	15	06.01	-17	55	47.1	16.0	V	EK013703
K10J88L	C2010	05	17.18655	10	14	55.93	-17	55	11.3	16.3	V	EK013703
K10J88L	C2010	05	17.18655	10	14	55.93	-17	55	11.3	16.3	V	EK013703
K10J88L	C2010	05	17.18681	10	14	44.66	-17	54	29.8	16.1	V	EK013703
K10J88L	C2010	05	17.18681	10	14	44.66	-17	54	29.8	16.1	V	EK013703
K10JB0H	C2010	05	17.31117	17	12	19.35	-12	50	28.9	19.3	R	EK013H01
K10JB0H	C2010	05	17.31833	17	12	38.01	-12	51	27.8	19.3	R	EK013H01
K10JB0H	C2010	05	17.32536	17	12	56.31	-12	52	25.5	18.9	R	EK013H01
K10JB0H	C2010	05	17.34007	17	13	34.59	-12	54	25.4	18.5	R	EK013H01
K10K00E	C2010	05	17.65825	16	06	29.90	-21	23	38.9	19.5	R	EK013D90
K10K00E	C2010	05	17.65903	16	06	31.55	-21	23	28.7			EK013D90
01627	S2010	05	06.81025	09	44	11.82	+20	04	57.3			EK013C51
01627	s2010	05	06.81025	1	-	3901.8975	+	4943.7690	+	2828.2732		EK013C51
01627	S2010	05	06.94256	09	44	16.95	+20	04	30.4			EK013C51
01627	s2010	05	06.94256	1	-	3914.8965	+	4936.0230	+	2824.0864		EK013C51
01627	S2010	05	07.07486	09	44	22.12	+20	04	03.3			EK013C51
01627	s2010	05	07.07486	1	-	3928.4796	+	4928.1358	+	2818.3059		EK013C51
01627	S2010	05	07.20716	09	44	27.32	+20	03	36.6			EK013C51
01627	s2010	05	07.20716	1	-	3941.4450	+	4920.5108	+	2813.4176		EK013C51
01627	S2010	05	07.27338	09	44	29.93	+20	03	22.5			EK013C51
01627	s2010	05	07.27338	1	-	3932.4827	+	4907.1514	+	2848.9914		EK013C51
01627	S2010	05	07.33947	09	44	32.54	+20	03	09.4			EK013C51
01627	s2010	05	07.33947	1	-	3954.2734	+	4912.7750	+	2809.2722		EK013C51
01627	S2010	05	07.40568	09	44	35.19	+20	02	55.4			EK013C51
01627	s2010	05	07.40568	1	-	3945.5807	+	4899.4378	+	2844.7837		EK013C51
01627	S2010	05	07.47177	09	44	37.79	+20	02	42.2			EK013C51
01627	s2010	05	07.47177	1	-	3967.6711	+	4905.1076	+	2804.3693		EK013C51
01627	S2010	05	07.53799	09	44	40.44	+20	02	28.1			EK013C51
01627	s2010	05	07.53799	1	-	3959.0959	+	4892.0237	+	2838.9783		EK013C51
01627	S2010	05	07.67029	09	44	45.74	+20	02	00.7			EK013C51
01627	s2010	05	07.67029	1	-	3972.3005	+	4884.3508	+	2833.4503		EK013C51
01627	S2010	05	07.80260	09	44	51.06	+20	01	32.8			EK013C51
01627	s2010	05	07.80260	1	-	3984.7945	+	4876.0654	+	2830.2770		EK013C51
01627	S2010	05	07.93490	09	44	56.41	+20	01	05.0			EK013C51
01627	s2010	05	07.93490	1	-	3997.5734	+	4868.0844	+	2826.2596		EK013C51
01627	S2010	05	08.06720	09	45	01.79	+20	00	37.2			EK013C51
01627	s2010	05	08.06720	1	-	4011.0138	+	4859.9254	+	2820.5751		EK013C51
01866	S2010	05	09.59577	11	21	17.86	+53	54	58.4			EK013C51
01866	s2010	05	09.59577	1	-	1666.5612	+	2847.1469	+	6058.9582		EK013C51
01866	S2010	05	09.72807	11	21	15.56	+53	52	53.1			EK013C51
01866	s2010	05	09.72807	1	-	1676.2758	+	2846.4874	+	6056.4090		EK013C51
01866	S2010	05	09.86038	11	21	13.23	+53	50	48.0			EK013C51
01866	s2010	05	09.86038	1	-	1685.7592	+	2845.1588	+	6054.4335		EK013C51
01866	S2010	05	09.99268	11	21	10.92	+53	48	42.7			EK013C51
01866	s2010	05	09.99268	1	-	1695.8733	+	2844.1042	+	6052.1836		EK013C51
01866	S2010	05	10.05877	11	21	09.87	+53	47	41.0			EK013C51
01866	s2010	05	10.05877	1	-	1729.1481	+	2868.2247	+	6031.2499		EK013C51
01866	S2010	05	10.12486	11	21	08.77	+53	46	37.9			EK013C51

01866	s2010	05	10.12486	1	-	1762.0202	+	2892.1827	+	6010.2472	EK013C51
01866	S2010	05	10.12499	11	21	08.72	+53	46	37.5		EK013C51
01866	s2010	05	10.12499	1	-	1706.2465	+	2843.6522	+	6049.2995	EK013C51
01866	S2010	05	10.19107	11	21	07.69	+53	45	35.0		EK013C51
01866	s2010	05	10.19107	1	-	1738.9776	+	2867.5762	+	6028.7131	EK013C51
01866	S2010	05	10.25716	11	21	06.60	+53	44	32.4		EK013C51
01866	s2010	05	10.25716	1	-	1771.6630	+	2891.2706	+	6007.9384	EK013C51
01866	S2010	05	10.32338	11	21	05.45	+53	43	29.7		EK013C51
01866	s2010	05	10.32338	1	-	1748.4895	+	2866.4946	+	6026.6091	EK013C51
01866	S2010	05	10.38947	11	21	04.44	+53	42	27.1		EK013C51
01866	s2010	05	10.38947	1	-	1781.4689	+	2889.8799	+	6005.8723	EK013C51
01866	S2010	05	10.45568	11	21	03.36	+53	41	23.9		EK013C51
01866	s2010	05	10.45568	1	-	1758.8608	+	2865.3776	+	6024.3488	EK013C51
03554	S2010	05	04.95417	09	10	01.40	+00	57	03.1		EK013C51
03554	s2010	05	04.95417	1	-	4364.5622	+	5329.9453	+	506.6253	EK013C51
03554	S2010	05	05.08648	09	10	07.51	+00	53	58.3		EK013C51
03554	s2010	05	05.08648	1	-	4377.6696	+	5319.4508	+	499.8970	EK013C51
03554	S2010	05	05.21878	09	10	13.64	+00	50	54.0		EK013C51
03554	s2010	05	05.21878	1	-	4390.4133	+	5309.3833	+	494.3817	EK013C51
03554	S2010	05	05.35108	09	10	19.80	+00	47	49.9		EK013C51
03554	s2010	05	05.35108	1	-	4403.1526	+	5299.4476	+	489.8225	EK013C51
03554	S2010	05	05.48339	09	10	26.01	+00	44	46.1		EK013C51
03554	s2010	05	05.48339	1	-	4416.0993	+	5289.4500	+	484.0408	EK013C51
03554	S2010	05	05.54948	09	10	29.12	+00	43	14.6		EK013C51
03554	s2010	05	05.54948	1	-	4428.5462	+	5282.9500	+	439.2189	EK013C51
03554	S2010	05	05.61569	09	10	32.23	+00	41	42.7		EK013C51
03554	s2010	05	05.61569	1	-	4428.9777	+	5279.1445	+	477.2576	EK013C51
03554	S2010	05	05.68178	09	10	35.36	+00	40	11.4		EK013C51
03554	s2010	05	05.68178	1	-	4441.3941	+	5272.5683	+	433.1568	EK013C51
03554	S2010	05	05.74800	09	10	38.48	+00	38	39.5		EK013C51
03554	s2010	05	05.74800	1	-	4441.8228	+	5268.8385	+	472.2970	EK013C51
03554	S2010	05	05.81409	09	10	41.64	+00	37	08.3		EK013C51
03554	s2010	05	05.81409	1	-	4454.1757	+	5262.2517	+	428.8134	EK013C51
03554	S2010	05	05.88030	09	10	44.77	+00	35	36.4		EK013C51
03554	s2010	05	05.88030	1	-	4454.4918	+	5258.7087	+	467.9725	EK013C51
03554	S2010	05	05.94639	09	10	47.94	+00	34	05.5		EK013C51
03554	s2010	05	05.94639	1	-	4466.7734	+	5252.0252	+	424.1677	EK013C51
03554	S2010	05	06.07869	09	10	54.27	+00	31	03.3		EK013C51
03554	s2010	05	06.07869	1	-	4479.6421	+	5241.2064	+	417.5937	EK013C51
03554	S2010	05	06.21100	09	11	00.63	+00	28	01.2		EK013C51
03554	s2010	05	06.21100	1	-	4492.1584	+	5230.8267	+	412.1302	EK013C51
03554	S2010	05	06.34330	09	11	07.02	+00	24	59.4		EK013C51
03554	s2010	05	06.34330	1	-	4504.6684	+	5220.6050	+	407.5297	EK013C51
03554	C2010	05	17.16891	09	21	19.36	-03	29	13.7	17.2 V	EK013703
03554	C2010	05	17.17404	09	21	19.69	-03	29	19.8	17.2 V	EK013703
03554	C2010	05	17.17919	09	21	19.98	-03	29	26.8	17.2 V	EK013703
03554	C2010	05	17.18435	09	21	20.34	-03	29	32.8	17.2 V	EK013703
05653	C2010	05	17.27888	14	35	20.07	-26	46	33.2	17.2 V	EK013703
05653	C2010	05	17.28644	14	35	19.50	-26	46	31.1	17.2 V	EK013703
05653	C2010	05	17.29413	14	35	18.88	-26	46	29.4	17.2 V	EK013703
05653	C2010	05	17.30303	14	35	18.13	-26	46	27.5	17.2 V	EK013703
07335	S2010	05	07.34163	10	05	21.15	+31	05	19.7		EK013C51
07335	s2010	05	07.34163	1	-	3354.9716	+	4492.0741	+	4025.1216	EK013C51
07335	S2010	05	07.60624	10	05	27.44	+31	01	25.7		EK013C51
07335	s2010	05	07.60624	1	-	3381.3324	+	4481.2946	+	4015.3921	EK013C51
07335	S2010	05	08.59859	10	05	52.37	+30	46	48.4		EK013C51
07335	s2010	05	08.59859	1	-	3455.8268	+	4421.9567	+	4017.8968	EK013C51
07335	S2010	05	08.73089	10	05	55.80	+30	44	51.7		EK013C51
07335	s2010	05	08.73089	1	-	3468.2750	+	4415.9348	+	4013.6665	EK013C51
11066	S2010	05	05.88234	09	27	23.15	+10	58	09.8		EK013C51
11066	s2010	05	05.88234	1	-	4178.7147	+	5203.9710	+	1773.7805	EK013C51
11066	S2010	05	06.01464	09	27	27.85	+10	56	05.7		EK013C51
11066	s2010	05	06.01464	1	-	4192.1636	+	5194.7800	+	1768.3135	EK013C51
11066	S2010	05	06.27925	09	27	37.35	+10	51	58.9		EK013C51
11066	s2010	05	06.27925	1	-	4218.4001	+	5176.9267	+	1757.5906	EK013C51
11066	S2010	05	06.41156	09	27	42.15	+10	49	55.3		EK013C51
11066	s2010	05	06.41156	1	-	4231.6298	+	5168.0435	+	1752.9980	EK013C51
11066	S2010	05	06.47764	09	27	44.56	+10	48	53.7		EK013C51
11066	s2010	05	06.47764	1	-	4249.3385	+	5168.1115	+	1709.9331	EK013C51
11066	S2010	05	06.54386	09	27	46.93	+10	47	50.7		EK013C51
11066	s2010	05	06.54386	1	-	4245.0259	+	5159.2265	+	1746.6950	EK013C51
11066	S2010	05	06.60995	09	27	49.40	+10	46	50.7		EK013C51
11066	s2010	05	06.60995	1	-	4262.7143	+	5159.1383	+	1703.3618	EK013C51
11066	S2010	05	06.67616	09	27	51.80	+10	45	48.5		EK013C51
11066	s2010	05	06.67616	1	-	4258.2861	+	5150.1716	+	1740.7544	EK013C51
11066	S2010	05	06.74225	09	27	54.24	+10	44	45.9		EK013C51
11066	s2010	05	06.74225	1	-	4275.8185	+	5149.9168	+	1698.4434	EK013C51

11066	S2010	05	06.80847	09	27	56.62	+10	43	45.0			EK013C51
11066	s2010	05	06.80847	1	-	4271.3425	+	5140.9206	+	1736.3744		EK013C51
11066	S2010	05	06.87456	09	27	59.14	+10	42	44.1			EK013C51
11066	s2010	05	06.87456	1	-	4288.7667	+	5140.7223	+	1694.1560		EK013C51
11066	S2010	05	07.00686	09	28	03.99	+10	40	41.4			EK013C51
11066	s2010	05	07.00686	1	-	4301.9625	+	5131.2343	+	1688.8628		EK013C51
11066	S2010	05	07.13917	09	28	08.93	+10	38	38.7			EK013C51
11066	s2010	05	07.13917	1	-	4315.0700	+	5121.8754	+	1682.8598		EK013C51
11066	S2010	05	07.27147	09	28	13.84	+10	36	36.1			EK013C51
11066	s2010	05	07.27147	1	-	4327.8413	+	5112.6912	+	1678.1742		EK013C51
17188	C2010	05	17.42799	22	29	39.04	+11	44	48.4	19.8	V	EK013703
17188	C2010	05	17.43263	22	29	39.26	+11	44	54.2	20.1	V	EK013703
17188	C2010	05	17.43727	22	29	39.37	+11	45	00.1	19.9	V	EK013703
17188	C2010	05	17.44193	22	29	39.66	+11	45	05.0	19.4	V	EK013703
85713	S2010	05	09.68885	21	38	40.89	-25	59	14.5			EK013C51
85713	s2010	05	09.68885	1	+	3923.8189	-	4618.4856	-	3329.2658		EK013C51
85713	S2010	05	09.82116	21	38	45.46	-25	59	30.2			EK013C51
85713	s2010	05	09.82116	1	+	3935.8830	-	4610.5326	-	3325.9647		EK013C51
85713	S2010	05	09.95346	21	38	50.08	-25	59	46.6			EK013C51
85713	s2010	05	09.95346	1	+	3948.8679	-	4602.8968	-	3321.1996		EK013C51
85713	S2010	05	10.08577	21	38	54.77	-26	00	03.5			EK013C51
85713	s2010	05	10.08577	1	+	3962.3310	-	4595.6610	-	3315.8308		EK013C51
85713	S2010	05	10.15198	21	38	57.14	-26	00	10.7			EK013C51
85713	s2010	05	10.15198	1	+	3950.9640	-	4581.0113	-	3349.4790		EK013C51
86067	S2010	05	09.99001	10	39	25.52	+40	55	23.9			EK013C51
86067	s2010	05	09.99001	1	-	2800.9443	+	3768.7900	+	5056.4651		EK013C51
86067	S2010	05	10.12218	10	39	37.45	+40	53	57.7			EK013C51
86067	s2010	05	10.12218	1	-	2861.6684	+	3803.3145	+	4996.0963		EK013C51
86067	S2010	05	10.25449	10	39	49.70	+40	52	29.5			EK013C51
86067	s2010	05	10.25449	1	-	2872.9660	+	3799.2866	+	4992.7704		EK013C51
86067	S2010	05	10.25462	10	39	49.66	+40	52	28.6			EK013C51
86067	s2010	05	10.25462	1	-	2824.1970	+	3761.1837	+	5049.0004		EK013C51
86067	S2010	05	10.38679	10	40	01.79	+40	51	01.0			EK013C51
86067	s2010	05	10.38679	1	-	2884.3836	+	3794.8639	+	4989.8208		EK013C51
86067	S2010	05	10.45301	10	40	07.88	+40	50	14.7			EK013C51
86067	s2010	05	10.45301	1	-	2866.1015	+	3773.9153	+	5016.2617		EK013C51
D8095	C2010	05	17.25443	14	18	34.56	-23	05	58.3	19.3	V	EK013703
D8095	C2010	05	17.26138	14	18	33.51	-23	06	02.5	19.7	V	EK013703
D8095	C2010	05	17.26841	14	18	32.58	-23	06	03.6	19.1	V	EK013703
D8095	C2010	05	17.27530	14	18	31.50	-23	06	06.9	19.6	V	EK013703
F3842	KC2010	05	17.39127	21	23	19.32	-07	13	51.1	19.8	C	EK013448
F3842	KC2010	05	17.39521	21	23	20.01	-07	13	48.2	19.5	C	EK013448
F3842	KC2010	05	17.41206	21	23	22.56	-07	13	37.0	19.1	C	EK013448
F3957	C2010	05	17.39066	21	25	41.59	+11	47	55.2	19.4	V	EK013703
F3957	C2010	05	17.39529	21	25	40.83	+11	47	34.5	18.9	V	EK013703
F3957	C2010	05	17.39992	21	25	40.04	+11	47	14.2	19.3	V	EK013703
F3957	C2010	05	17.40451	21	25	39.25	+11	46	53.5	19.4	V	EK013703
F4029	S2010	05	09.70490	06	54	51.78	-61	32	38.0			EK013C51
F4029	s2010	05	09.70490	1	-	2719.5720	+	1599.6500	-	6152.4221		EK013C51
F4029	S2010	05	09.83720	06	54	28.96	-61	29	38.0			EK013C51
F4029	s2010	05	09.83720	1	-	2720.9598	+	1590.7919	-	6154.2408		EK013C51
F4029	S2010	05	09.96951	06	54	06.34	-61	26	38.2			EK013C51
F4029	s2010	05	09.96951	1	-	2721.1299	+	1581.1854	-	6156.5190		EK013C51
F4029	S2010	05	10.23412	06	53	21.51	-61	20	39.2			EK013C51
F4029	s2010	05	10.23412	1	-	2721.5215	+	1560.8368	-	6161.3095		EK013C51
F4029	S2010	05	10.36642	06	52	59.32	-61	17	40.2			EK013C51
F4029	s2010	05	10.36642	1	-	2722.7301	+	1552.0584	-	6163.0280		EK013C51
F9518	S2010	05	08.79379	09	44	28.98	+14	02	13.2			EK013C51
F9518	s2010	05	08.79379	1	-	4322.6635	+	4942.1622	+	2137.8188		EK013C51
F9518	S2010	05	08.92610	09	44	41.68	+14	07	57.2			EK013C51
F9518	s2010	05	08.92610	1	-	4335.2703	+	4933.0561	+	2133.6782		EK013C51
F9518	S2010	05	09.05853	09	44	54.41	+14	13	40.0			EK013C51
F9518	s2010	05	09.05853	1	-	4322.5226	+	4911.6598	+	2206.3888		EK013C51
F9518	S2010	05	09.19083	09	45	07.21	+14	19	22.4			EK013C51
F9518	s2010	05	09.19083	1	-	4335.1570	+	4902.6518	+	2201.3726		EK013C51
F9518	S2010	05	09.25692	09	45	13.62	+14	22	13.0			EK013C51
F9518	s2010	05	09.25692	1	-	4354.4416	+	4904.1556	+	2159.8716		EK013C51
F9518	S2010	05	09.32314	09	45	20.01	+14	25	04.0			EK013C51
F9518	s2010	05	09.32314	1	-	4347.6500	+	4893.6579	+	2197.1712		EK013C51
F9518	S2010	05	09.38935	09	45	26.46	+14	27	53.8			EK013C51
F9518	s2010	05	09.38935	1	-	4340.8795	+	4883.0080	+	2234.2897		EK013C51
F9518	S2010	05	09.45544	09	45	32.86	+14	30	43.7			EK013C51
F9518	s2010	05	09.45544	1	-	4360.5534	+	4884.6099	+	2192.5504		EK013C51
F9518	S2010	05	09.52166	09	45	39.31	+14	33	34.0			EK013C51
F9518	s2010	05	09.52166	1	-	4353.9155	+	4874.1320	+	2228.6659		EK013C51
F9518	S2010	05	09.65396	09	45	52.24	+14	39	12.8			EK013C51
F9518	s2010	05	09.65396	1	-	4366.8099	+	4865.0892	+	2222.7949		EK013C51

F9518	S2010	05	09.78627	09	46	05.18	+14	44	51.3			EK013C51
F9518	s2010	05	09.78627	1	-	4379.3946	+	4855.7612	+	2218.5588		EK013C51
F9518	S2010	05	09.91857	09	46	18.15	+14	50	28.6			EK013C51
F9518	s2010	05	09.91857	1	-	4391.8473	+	4846.5441	+	2214.4671		EK013C51
G2038	C2010	05	17.16664	09	08	22.66	+01	28	54.4		20.2 V	EK013703
G2038	C2010	05	17.17174	09	08	22.95	+01	28	54.0		20.5 V	EK013703
G2038	C2010	05	17.17691	09	08	23.38	+01	28	54.3		19.9 V	EK013703
G2038	C2010	05	17.18205	09	08	23.85	+01	28	52.6		20.8 V	EK013703
N0118	S2010	05	03.34538	23	01	36.34	-63	13	41.8			EK013C51
N0118	s2010	05	03.34538	1	+	797.6184	-	2390.0457	-	6440.8283		EK013C51
N0118	S2010	05	03.60999	23	02	53.87	-63	15	22.1			EK013C51
N0118	s2010	05	03.60999	1	+	817.2740	-	2396.0574	-	6436.1186		EK013C51
N0118	S2010	05	03.67608	23	03	13.05	-63	13	32.7			EK013C51
N0118	s2010	05	03.67608	1	+	847.4883	-	2426.6311	-	6420.7655		EK013C51
N0118	S2010	05	03.67621	23	03	13.07	-63	13	32.2			EK013C51
N0118	s2010	05	03.67621	1	+	795.6693	-	2367.8091	-	6449.2914		EK013C51
N0118	S2010	05	03.80838	23	03	51.31	-63	09	52.1			EK013C51
N0118	s2010	05	03.80838	1	+	854.2206	-	2426.2765	-	6420.0350		EK013C51
N0118	S2010	05	03.80851	23	03	51.37	-63	09	51.7			EK013C51
N0118	s2010	05	03.80851	1	+	802.2705	-	2367.5827	-	6448.5855		EK013C51
N0118	S2010	05	03.87460	23	04	10.36	-63	08	01.9			EK013C51
N0118	s2010	05	03.87460	1	+	832.5467	-	2397.5436	-	6433.6401		EK013C51
N0118	S2010	05	04.00690	23	04	48.13	-63	04	21.7			EK013C51
N0118	s2010	05	04.00690	1	+	842.6146	-	2400.2722	-	6431.4419		EK013C51
N0118	S2010	05	04.20542	23	05	44.56	-62	58	50.6			EK013C51
N0118	s2010	05	04.20542	1	+	830.4680	-	2375.2333	-	6442.2563		EK013C51
N0118	S2010	05	04.27151	23	06	03.20	-62	57	00.5			EK013C51
N0118	s2010	05	04.27151	1	+	860.8883	-	2405.2371	-	6426.9996		EK013C51
N0118	S2010	05	04.53612	23	07	17.13	-62	49	39.2			EK013C51
N0118	s2010	05	04.53612	1	+	879.5347	-	2409.0607	-	6422.9700		EK013C51
N0118	S2010	05	04.66843	23	07	53.77	-62	45	58.5			EK013C51
N0118	s2010	05	04.66843	1	+	888.5311	-	2411.5665	-	6420.8298		EK013C51
N0118	S2010	05	04.73464	23	08	11.98	-62	44	08.3			EK013C51
N0118	s2010	05	04.73464	1	+	866.1525	-	2383.2714	-	6434.4179		EK013C51
N0118	S2010	05	04.80073	23	08	30.14	-62	42	18.1			EK013C51
N0118	s2010	05	04.80073	1	+	896.6016	-	2412.5802	-	6419.3631		EK013C51
N0118	S2010	05	04.86695	23	08	48.27	-62	40	26.9			EK013C51
N0118	s2010	05	04.86695	1	+	874.3163	-	2384.1207	-	6433.0443		EK013C51
N0118	S2010	05	04.93303	23	09	06.24	-62	38	37.0			EK013C51
N0118	s2010	05	04.93303	1	+	905.6722	-	2413.8623	-	6417.4707		EK013C51
N0118	S2010	05	04.99925	23	09	24.20	-62	36	46.3			EK013C51
N0118	s2010	05	04.99925	1	+	884.1819	-	2386.3855	-	6430.9589		EK013C51
N0118	S2010	05	05.19764	23	10	17.77	-62	31	15.2			EK013C51
N0118	s2010	05	05.19764	1	+	924.7873	-	2418.7183	-	6413.1403		EK013C51
N0118	S2010	05	05.32995	23	10	53.14	-62	27	34.2			EK013C51
N0118	s2010	05	05.32995	1	+	933.1115	-	2419.7628	-	6411.3717		EK013C51
N0118	S2010	05	05.52847	23	11	45.81	-62	22	03.3			EK013C51
N0118	s2010	05	05.52847	1	+	920.7185	-	2393.8957	-	6422.8710		EK013C51
N0118	S2010	05	05.59455	23	12	03.25	-62	20	12.9			EK013C51
N0118	s2010	05	05.59455	1	+	952.3271	-	2423.7374	-	6407.0324		EK013C51
N0118	S2010	05	05.66077	23	12	20.63	-62	18	21.9			EK013C51
N0118	s2010	05	05.66077	1	+	929.8052	-	2396.2776	-	6420.6856		EK013C51
N0118	S2010	05	05.72686	23	12	37.95	-62	16	31.5			EK013C51
N0118	s2010	05	05.72686	1	+	960.6808	-	2425.1068	-	6405.2788		EK013C51
N0118	S2010	05	05.79307	23	12	55.22	-62	14	41.0			EK013C51
N0118	s2010	05	05.79307	1	+	937.7581	-	2397.0216	-	6419.2692		EK013C51
N0118	S2010	05	05.85916	23	13	12.39	-62	12	50.8			EK013C51
N0118	s2010	05	05.85916	1	+	968.7960	-	2425.5157	-	6403.9413		EK013C51

A. U. Tomatic

(C) Copyright 2010 MPC

M.P.E.C. 2010-K13



[Read MPEC 2010-K12](#)



[Read MPEC 2010-K14](#)

Display MPEC number:  Clear

Enter an [MPEC](#) number in one of the following forms:

- 1997-B01 (the full form)
- J97B01 (the packed version of the full form)
- B01 (the abbreviated form)

**YAHOO!**  
BABEL FISH

Choose a language to  
**translate this page!**




Select to language ▾

**Google Translate**

Select Language ▾

---

 [Gadgets powered by Google](#)

