

MPEC 2012-B06 : DAILY ORBIT UPDATE (2012 JAN. 18 UT)

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M.P.E.C. 2012-B06

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Update to [MPEC 2012-B02](#)

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

New identification:

K03B57H	K08C62E	Manca
K04H54M	K10H83Q	MPCW
K09O20W	K02PD9Z	Bouma

New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J96A02E	20.2	0.15	K123E	68.620	305.875	118.980	37.360	0.25685	1.36757	2	X
J98D25U	17.2	0.15	K123E	83.891	359.979	19.969	2.987	0.19469	2.34897	9	X
J99T77Q	17.1	0.15	K123E	94.998	126.412	260.454	0.509	0.19129	2.44216	6	X
K00S89S	16.8	0.15	K123E	121.161	160.312	193.429	5.140	0.10125	2.28624	5	X
K00Sa1R	17.7	0.15	K123E	80.612	278.498	96.712	3.610	0.23349	2.31926	2	S
K00U70H	17.3	0.15	K123E	69.230	146.269	249.644	4.704	0.20041	2.33638	3	X
K00W96T	16.6	0.15	K123E	39.811	343.341	81.980	7.759	0.23408	2.37112	5	X
K00X09F	15.7	0.15	K123E	4.114	223.624	297.950	23.662	0.19147	2.34703	7	X
K00X53U	17.1	0.15	K123E	62.870	353.693	81.952	6.787	0.19261	2.32497	3	X
K00YA6Y	14.9	0.15	K123E	23.189	347.010	90.828	19.905	0.12932	3.11386	7	X
K01B74A	15.9	0.15	K123E	312.373	272.655	303.537	20.606	0.28253	2.40107	4	X

K01DA3F	15.5	0.15	K123E	331.082	48.828	117.652	17.996	0.22631	3.16755	4 X
K02A05W	19.2	0.15	K123E	353.179	242.332	287.234	23.941	0.41410	2.23291	2 X
K02AD8N	18.0	0.15	K123E	28.317	337.199	119.815	2.279	0.14333	2.23092	3 X
K02B25F	22.3	0.15	K123E	113.989	77.990	305.953	6.275	0.22188	1.07330	3 X
K02GJ0S	16.6	0.15	K123E	187.802	196.674	118.890	8.195	0.12699	2.31829	8 X
K02R05U	16.4	0.15	K123E	48.427	121.428	314.292	12.204	0.24224	2.59517	5 X
K02X23J	16.3	0.15	K123E	43.520	129.373	267.720	13.127	0.19652	2.71701	2 X
K02X56W	16.0	0.15	K123E	1.195	25.549	89.095	10.404	0.24478	2.73291	3 X
K03A23F	20.9	0.15	K123E	172.941	43.939	286.805	23.225	0.42585	0.87462	2 X
K03A53O	16.0	0.15	K123E	0.074	196.203	308.778	11.680	0.24525	2.71476	2 X
K03B57H	16.2	0.15	K123E	282.520	272.508	169.977	1.325	0.24832	3.05034	3 X
K03UJ8P	16.3	0.15	K123E	88.178	291.881	101.926	3.453	0.18783	2.40382	6 X
K03W45N	16.9	0.15	K123E	11.745	172.062	308.964	2.761	0.14651	2.46059	4 X
K03WI8O	17.3	0.15	K123E	30.466	157.893	297.090	1.729	0.16858	2.44709	7 X
K03YB1L	16.4	0.15	K123E	91.775	242.078	125.558	15.091	0.19888	2.46804	5 X
K04C05G	16.7	0.15	K123E	15.068	343.510	122.553	13.206	0.11416	2.57207	4 X
K04CA6N	17.2	0.15	K123E	26.398	163.188	316.150	17.409	0.10613	1.93783	3 X
K04D11W	17.1	0.15	K123E	18.885	129.896	315.813	5.333	0.32393	2.58031	3 X
K04D29W	16.8	0.15	K123E	47.567	67.865	349.121	3.034	0.28112	2.56312	4 X
K04F83F	16.9	0.15	K123E	302.339	277.147	300.326	13.593	0.25453	2.61426	4 X
K04G78B	16.3	0.15	K123E	349.163	135.691	22.006	15.332	0.15516	2.63394	5 X
K04H54M	16.2	0.15	K123E	293.068	11.123	124.530	8.085	0.06857	2.81188	7 W
K04N08J	16.2	0.15	K123E	81.763	74.257	280.530	22.411	0.32053	2.26766	3 X
K04P27X	18.4	0.15	K123E	49.689	45.348	330.896	22.227	0.49278	2.27953	3 X
K04Q17B	18.5	0.15	K123E	19.138	148.685	289.149	4.823	0.50449	2.29005	3 X
K04S46V	15.8	0.15	K123E	131.730	4.080	351.024	12.421	0.12760	3.14203	4 X
K04TL0V	17.4	0.15	K123E	83.431	187.662	202.687	4.722	0.12444	2.21527	8 X
K04X10A	15.4	0.15	K123E	339.057	207.491	293.177	23.936	0.22428	2.34925	5 X
K04X11P	16.1	0.15	K123E	1.168	196.261	271.368	25.507	0.18336	2.34239	4 X
K05A04M	17.1	0.15	K123E	73.033	85.570	331.815	5.403	0.17920	2.26835	7 X
K05N01J	18.5	0.15	K123E	30.220	82.278	316.512	6.470	0.65087	2.13307	5 X
K05O19J	17.0	0.15	K123E	323.772	215.816	331.755	19.268	0.07139	1.89129	5 X
K05SQ9V	15.7	0.15	K123E	45.775	114.152	306.672	12.457	0.25894	3.10597	3 X
K05TD6Y	17.1	0.15	K123E	38.651	13.226	66.932	2.695	0.21296	3.00525	4 X
K05U70P	15.4	0.15	K123E	106.064	112.786	248.639	8.448	0.09363	2.99896	7 X
K05UC1M	17.5	0.15	K123E	49.829	127.063	299.063	0.431	0.16214	3.06378	4 X
K05V54F	16.8	0.15	K123E	342.239	33.052	120.684	3.280	0.09773	3.01619	5 X
K05V97X	15.9	0.15	K123E	34.921	138.716	296.386	14.432	0.22308	3.14569	3 X
K05W03J	16.1	0.15	K123E	28.386	330.011	117.067	5.425	0.25734	3.18209	3 X
K05W20D	17.0	0.15	K123E	44.354	102.976	353.472	2.890	0.09659	3.02805	7 X
K05WA2O	15.7	0.15	K123E	23.308	349.366	105.818	18.933	0.16136	3.17430	5 X
K05X04M	19.7	0.15	K123E	72.429	345.242	81.898	34.147	0.06419	1.30385	3 X
K05YM1B	15.7	0.15	K123E	39.217	305.935	117.758	17.592	0.21941	3.17777	2 X
K06BF5F	17.8	0.15	K123E	64.111	294.242	113.035	4.187	0.09746	2.15686	4 X
K06F07O	18.0	0.15	K123E	95.833	13.269	30.706	4.505	0.03658	2.19210	5 X
K06S32A	16.7	0.15	K123E	58.792	141.272	245.579	1.542	0.21217	2.75131	4 X
K06S64Q	16.7	0.15	K123E	27.221	143.560	334.472	12.241	0.13188	2.60291	4 X
K06T18F	16.1	0.15	K123E	9.857	260.220	202.494	20.687	0.15088	2.75038	5 X
K06T52T	16.6	0.15	K123E	13.991	42.427	63.939	4.986	0.16410	2.78499	5 X
K06U11J	16.9	0.15	K123E	100.474	322.823	48.707	4.401	0.18303	2.66805	2 S
K06U56W	16.9	0.15	K123E	323.158	252.692	285.031	4.882	0.07510	2.47797	4 X
K06U72L	16.9	0.15	K123E	53.826	136.907	263.592	2.312	0.20084	2.73322	4 X
K06UB5B	17.6	0.15	K123E	302.486	156.731	37.261	1.090	0.03649	2.57913	7 X
K06UM8J	16.9	0.15	K123E	34.794	121.972	321.371	6.444	0.23122	2.74675	3 X
K06V77E	16.4	0.15	K123E	29.134	40.594	64.901	13.512	0.13753	2.71897	5 X
K06W07A	17.5	0.15	K123E	10.468	6.795	77.293	10.762	0.21762	2.90859	3 X
K06Y15W	15.5	0.15	K123E	352.313	188.501	321.297	13.387	0.15023	2.85142	5 X

K07C19N	16.0	0.15	K123E	9.231	13.782	98.893	16.377	0.08899	2.84440	4 X
K07E60N	16.9	0.15	K123E	323.002	40.778	145.130	3.242	0.19024	3.06510	2 S
K07EC6M	16.2	0.15	K123E	104.205	58.085	324.724	7.799	0.12723	3.03474	4 X
K07G25H	16.3	0.15	K123E	334.705	70.138	113.039	16.630	0.29504	3.08294	3 X
K07G51H	17.5	0.15	K123E	261.277	41.855	190.394	21.713	0.05896	1.96664	6 X
K07H05G	14.9	0.15	K123E	298.101	154.521	70.437	15.996	0.22332	3.16777	4 X
K07J42K	16.8	0.15	K123E	287.853	102.593	114.106	24.092	0.04245	1.94932	5 X
K07Q00D	16.8	0.15	K123E	112.121	17.169	319.387	6.588	0.13743	2.31770	4 X
K07TE3D	17.1	0.15	K123E	51.900	317.150	98.860	6.252	0.23030	2.40267	3 X
K07U34G	17.0	0.15	K123E	20.819	169.167	296.543	11.303	0.21054	2.36849	3 X
K07U58G	17.2	0.15	K123E	270.815	191.682	46.081	5.783	0.04716	2.25448	5 X
K07VN9U	17.8	0.15	K123E	78.567	314.954	68.053	8.408	0.24527	2.41814	2 S
K07VV1A	17.1	0.15	K123E	52.139	299.362	100.347	8.639	0.19518	2.61803	4 X
K07VV2J	17.1	0.15	K123E	5.774	84.063	42.558	4.059	0.19448	2.52821	3 X
K07X15E	16.2	0.15	K123E	131.942	269.349	81.477	23.309	0.24715	2.32700	4 X
K07X16M	16.0	0.15	K123E	346.886	39.700	105.656	33.178	0.20717	2.62639	3 X
K07X32Z	16.9	0.15	K123E	350.499	123.818	30.646	1.957	0.15343	2.47366	4 X
K07Y01Y	15.9	0.15	K123E	95.347	260.636	95.196	7.245	0.16096	2.52120	4 X
K08A02P	17.0	0.15	K123E	38.066	325.150	107.163	7.819	0.27502	2.55164	4 X
K08A02Q	16.1	0.15	K123E	9.967	351.293	120.016	22.317	0.03761	2.61126	5 X
K08A03E	16.8	0.15	K123E	27.197	335.214	113.755	6.566	0.24420	2.58384	3 X
K08A32F	21.0	0.15	K123E	349.412	80.060	105.336	27.181	0.11087	1.21056	2 X
K08A54L	17.1	0.15	K123E	73.086	81.855	304.281	6.323	0.27678	2.53497	4 X
K08A68S	18.4	0.15	K123E	29.012	317.186	130.731	4.615	0.27055	2.57048	3 X
K08C34G	17.4	0.15	K123E	24.726	135.730	324.120	4.317	0.26875	2.56954	4 X
K08C71L	16.4	0.15	K123E	359.742	39.623	89.340	11.528	0.15482	2.58615	4 X
K08C95J	16.7	0.15	K123E	31.542	358.425	86.885	5.624	0.26947	2.61876	2 X
K08CD2G	16.7	0.15	K123E	254.553	292.302	321.217	6.579	0.05542	2.60217	7 X
K08CJ2T	17.2	0.15	K123E	37.951	324.249	110.741	4.447	0.25846	2.61096	2 X
K08D26F	16.4	0.15	K123E	334.295	58.989	100.228	14.210	0.14430	2.71155	5 X
K08E11A	17.1	0.15	K123E	350.965	70.850	95.037	4.866	0.12618	2.58907	5 X
K08E19C	17.0	0.15	K123E	11.310	149.356	330.637	6.743	0.14449	2.63805	4 X
K08E56W	16.4	0.15	K123E	25.020	341.406	132.469	8.455	0.16279	2.61344	6 X
K08EG5D	16.2	0.15	K123E	299.845	104.444	123.802	16.618	0.22753	2.76221	3 X
K08Q00Y	18.4	0.15	K123E	343.146	254.750	2.053	13.585	0.58146	1.16696	3 X
K08W13Z	18.5	0.15	K123E	358.929	133.638	51.980	8.178	0.56071	1.99748	2 X
K09E21C	17.2	0.15	K123E	2.729	27.683	105.881	5.437	0.10332	2.19300	4 X
K09F47F	17.2	0.15	K123E	201.474	171.949	121.852	2.947	0.08969	2.39645	7 X
K09F54V	17.5	0.15	K123E	50.027	316.782	120.002	4.209	0.12971	2.18549	3 X
K09O01O	15.4	0.15	K123E	176.121	17.065	280.328	10.982	0.03886	3.20301	4 X
K09O20W	17.2	0.15	K123E	305.409	138.601	121.508	12.420	0.23137	2.31191	4 W
K10L14N	21.1	0.15	K123E	83.468	33.027	343.184	1.489	0.47489	1.15555	3 X
K10M48L	16.2	0.15	K123E	42.786	76.949	0.633	15.754	0.21146	3.09447	4 X
K10M74U	15.1	0.15	K123E	73.823	262.772	92.231	10.590	0.24198	3.92599	5 X
K10N06Q	16.6	0.15	K123E	99.985	47.031	302.876	19.724	0.19224	2.80472	2 X
K10O19U	16.1	0.15	K123E	115.266	266.068	111.612	5.548	0.08631	2.78850	7 X
K10T60O	16.0	0.15	K123E	44.410	117.523	319.150	7.438	0.15565	3.10190	3 X
K10V07E	16.4	0.15	K123E	36.323	107.945	357.155	4.729	0.14137	3.09667	6 X
K10W35T	14.3	0.15	K123E	15.978	350.175	105.817	2.975	0.12295	5.19039	4 X
K10W64D	13.7	0.15	K123E	22.570	354.100	101.522	4.995	0.09839	5.17204	4 X
K11SA2L	18.2	0.15	K123E	17.868	51.389	59.730	10.038	0.48984	2.20241	3 X
K11Ua9M	17.2	0.15	K123E	51.128	324.020	77.500	7.761	0.11882	2.25507	4 X
K11W02S	17.2	0.15	K123E	155.575	307.629	326.806	46.757	0.74360	1.00962	2 X
K11WC0U	17.6	0.15	K123E	332.632	233.356	272.753	17.836	0.05343	1.92625	2 X
K11WD4V	17.1	0.15	K123E	355.678	25.635	157.788	6.044	0.67834	2.78607	2 X
K11X00C	20.9	0.15	K123E	14.913	63.797	75.683	21.601	0.13401	1.25643	2 X
K11Y07L	16.2	0.15	K123E	42.700	333.577	105.392	14.817	0.16400	2.77480	2 X

K11Y57U	15.4	0.15	K123E	52.434	319.048	105.165	11.949	0.12849	3.21828	5 X
K12A11M	14.9	0.15	K123E	61.183	298.740	112.320	22.595	0.12829	3.18604	2 X

New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K11Q96P	18.9	0.15	K123E	9.007	317.202	130.625	6.831	0.62488	2.85068	144 X
K11SA8E	21.2	0.15	K123E	25.408	284.265	140.142	3.413	0.54073	2.47194	114 X
K11UG2E	16.9	0.15	K123E	2.522	45.100	55.761	6.600	0.22169	2.69111	85 X
K11W02L	20.8	0.15	K123E	183.802	88.768	212.977	14.130	0.28332	1.07780	63 X
K11W02V	20.5	0.15	K123E	104.411	122.532	237.514	22.681	0.15977	1.52882	62 X
K11X01E	18.1	0.15	K123E	1.695	243.137	272.572	18.321	0.46632	2.32668	46 X
K11X03O	16.7	0.15	K123E	353.085	209.832	321.358	23.877	0.66005	3.24408	46 X
K11Y06E	20.8	0.15	K123E	4.262	348.136	182.139	3.057	0.73015	2.81076	49 X
K11Y06G	21.0	0.15	K123E	123.196	267.292	92.867	28.061	0.29896	1.16436	25 X
K11Y06L	21.4	0.15	K123E	9.482	41.729	92.731	9.026	0.48036	2.33815	25 X
K11Y40H	22.9	0.15	K123E	14.833	220.847	294.280	11.336	0.32785	1.39776	19 X
K11Y62S	19.7	0.15	K123E	26.499	356.803	58.781	21.433	0.57280	2.47188	12 X
K11Y62U	17.5	0.15	K123E	358.152	352.970	196.486	20.326	0.70092	2.80493	20 X
K11Y63M	22.3	0.15	K123E	10.276	181.665	320.144	1.415	0.52562	2.28904	17 X
K11Y74H	19.0	0.15	K123E	39.745	7.529	46.870	7.606	0.47922	2.42056	21 S
K12A00Y	22.4	0.15	K123E	351.401	261.252	293.681	20.535	0.26527	1.22707	15 X
K12A01E	18.9	0.15	K123E	77.503	356.456	16.872	10.049	0.47243	1.50773	17 X
K12A03C	22.9	0.15	K123E	18.166	208.946	282.766	7.468	0.39490	1.70454	14 X
K12A03D	19.6	0.15	K123E	55.605	215.735	149.984	5.225	0.60469	2.19504	16 X
K12A10P	26.3	0.15	K123E	222.009	212.043	101.585	2.726	0.13972	0.88979	7 X
K12A10Q	26.8	0.15	K123E	17.469	207.488	291.718	3.422	0.42356	1.67074	4 X
K12A11A	20.1	0.15	K123E	0.108	145.179	21.964	6.489	0.48709	1.99026	4 X
K12A11B	22.1	0.15	K123E	22.270	20.387	108.859	27.826	0.32945	1.58906	3 X
K12A12W	20.4	0.15	K123E	48.167	253.312	151.301	44.496	0.66226	2.00924	1 W

New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc C
K02E06G	18.7	0.15	K0237	23.351	133.801	8.531	23.513	0.14020	1.88002	41 X
K02E06Q	18.4	0.15	K0237	50.780	108.663	357.322	5.718	0.20077	2.25951	29 X
K02E06T	15.9	0.15	K0237	209.036	158.891	182.214	3.435	0.18858	2.97604	9 X
K02E07E	16.3	0.15	K023R	317.409	248.602	0.847	26.217	0.22633	3.21896	65 X
K02E08A	16.2	0.15	K0237	291.147	277.580	348.258	21.133	0.22293	3.19670	54 X
K11W05E	17.2	0.15	K11C5	0.757	159.615	268.298	12.967	0.22553	2.58855	59 S
K11W58Y	17.3	0.15	K11C5	13.025	328.907	78.754	9.044	0.22988	2.68338	78 S
K11Y02C	16.6	0.15	K11CP	90.580	268.908	58.447	9.134	0.18956	2.98187	30 S
K11Y02N	17.1	0.15	K11C5	19.099	317.676	105.343	11.715	0.18224	3.22058	7 S
K11Y05W	16.7	0.15	K11CP	17.136	145.270	294.307	13.149	0.22339	2.63830	24 X
K11Y06U	17.1	0.15	K11CP	245.728	341.621	230.920	12.304	0.09155	2.59231	13 X
K11Y08K	17.3	0.15	K11CP	2.003	351.086	107.748	10.708	0.14600	2.34674	24 X
K11Y11X	15.5	0.15	K11C5	36.102	302.735	113.238	10.589	0.16837	2.77843	52 X
K11Y21X	15.9	0.15	K11C5	357.481	199.916	261.771	11.621	0.18240	3.15373	59 X
K11Y25J	17.5	0.15	K11C5	13.934	346.365	97.057	2.310	0.15426	2.47129	52 S
K11Y34R	15.7	0.15	K11CP	319.124	227.129	299.127	14.571	0.18115	3.14281	22 X
K11Y35A	16.9	0.15	K11CP	356.795	162.712	310.809	7.215	0.16062	2.73466	22 W
K11Y39H	17.6	0.15	K11CP	30.659	320.223	109.558	24.863	0.09293	1.88134	21 X
K11Y50L	16.6	0.15	K11CP	48.090	218.623	146.492	7.789	0.32659	2.57148	8 X
K11Y50W	18.3	0.15	K11CP	336.567	277.597	203.486	6.572	0.14648	2.26386	4 X
K11Y59T	17.4	0.15	K11CP	286.006	76.835	121.366	4.058	0.09701	2.51545	19 S
K11Y67J	16.2	0.15	K11CP	347.311	176.587	314.023	11.212	0.02179	2.72339	17 S
K11Y67Q	17.8	0.15	K11CP	349.653	175.441	316.566	6.953	0.31123	2.60256	17 X
K11Y74G	13.9	0.15	K11CP	345.379	172.248	308.390	10.843	0.03913	5.06048	21EX
K12A02Y	16.3	0.15	K11CP	23.693	132.516	299.930	11.390	0.18030	2.49441	14 W

K12A11L	16.0	0.15	K121E	144.196	41.320	286.739	6.667	0.12457	2.92162	4ES
K12A11N	17.4	0.15	K121E	351.931	22.974	105.588	4.172	0.26742	3.01111	3 W
K12A12X	19.4	0.15	K121E	3.809	160.940	299.086	11.104	0.47113	3.12976	3 X
K12A12Y	17.9	0.15	K121E	153.272	109.740	201.660	20.932	0.07276	1.95250	3 X
K12A12Z	19.0	0.15	K121E	343.149	339.997	150.391	23.511	0.04247	1.84239	3 X
K12A13A	13.8	0.15	K121E	280.579	1.488	219.944	31.775	0.21384	5.31139	3 W
K12A13B	18.3	0.15	K121E	173.902	83.074	213.757	21.131	0.02851	1.97197	3 X
K12A13D	15.1	0.15	K11CP	226.754	142.587	111.667	10.494	0.02031	3.09440	23 S
K12A13G	16.9	0.15	K11CP	57.034	286.926	105.099	14.073	0.21779	2.40335	22 S
K12B00C	17.2	0.15	K11CP	278.675	111.387	97.646	2.648	0.16194	2.46995	15 S

New observations:

J96A02E	KC2012	01	17.06581	09	54	22.21	+17	26	51.3		uEB006160
J96A02E	KC2012	01	17.06825	09	54	22.04	+17	27	28.4	17.6	RuEB006160
J96A02E	KC2012	01	17.07036	09	54	21.92	+17	28	03.3		uEB006160
J96A02E	C2012	01	17.41984	09	54	13.84	+19	01	19.9	17.4	cEB006704
J96A02E	C2012	01	17.43305	09	54	13.24	+19	04	49.2	17.3	cEB006704
J96A02E	C2012	01	17.44634	09	54	12.68	+19	08	20.1	17.3	cEB006704
J96A02E	C2012	01	17.45952	09	54	12.10	+19	11	49.8	17.6	cEB006704
J96A02E	C2012	01	17.47286	09	54	11.53	+19	15	21.4	17.7	cEB006704
J96A02E	KC2012	01	18.03717	09	53	59.96	+21	44	00.2	16.9	RuEB006104
J96A02E	KC2012	01	18.04009	09	53	59.83	+21	44	46.2	16.9	RuEB006104
J96A02E	KC2012	01	18.04351	09	53	59.68	+21	45	39.9	17.0	RuEB006104
K02B25F	KC2012	01	09.82938	00	14	45.56	+38	57	06.2		tEB006204
K02B25F	FC2012	01	09.83961	00	14	58.46	+38	57	30.4	19.2	RtEB006204
K03A23F	KC2012	01	17.90726	05	45	48.63	-01	56	26.2	17.7	RuEB006160
K03A23F	KC2012	01	17.90922	05	45	48.17	-01	56	31.7	17.7	RuEB006160
K03A23F	KC2012	01	17.91139	05	45	47.74	-01	56	36.7	17.5	RuEB006160
K04P27X	KC2012	01	15.99014	05	42	13.59	+59	21	14.8	19.5	RtEB006204
K04P27X	KC2012	01	16.00322	05	42	13.31	+59	20	48.4		tEB006204
K04P27X	KC2012	01	16.01649	05	42	13.02	+59	20	21.5		tEB006204
K04Q17B	KC2012	01	09.73792	01	09	47.26	+12	41	40.2	18.7	RtEB006204
K04Q17B	KC2012	01	09.74752	01	09	49.58	+12	41	48.5		tEB006204
K04Q17B	KC2012	01	09.75713	01	09	51.96	+12	41	56.4		tEB006204
K05N01J	FC2012	01	09.76849	23	02	18.84	+09	33	00.2		tEB006204
K05N01J	FC2012	01	09.77809	23	02	23.89	+09	33	38.1	18.9	RtEB006204
K05X04M	KC2012	01	09.98819	03	04	39.40	+55	33	11.7		tEB006204
K05X04M	KC2012	01	10.01133	03	04	34.82	+55	33	54.8	19.2	RtEB006204
K08A32F	KC2012	01	16.18184	11	03	58.00	+50	21	58.9	19.3	RtEB006204
K08A32F	KC2012	01	16.20131	11	04	04.41	+50	24	17.7		tEB006204
K08Q00Y	KC2012	01	10.09678	12	03	12.53	+35	23	17.5		tEB006204
K08Q00Y	KC2012	01	10.10454	12	03	14.06	+35	23	23.7		tEB006204
K08Q00Y	KC2012	01	10.11230	12	03	15.58	+35	23	29.5	18.5	RtEB006204
K08W13Z	C2012	01	17.54669	06	22	24.87	+60	41	36.5	17.8	VuEB006379
K08W13Z	C2012	01	17.54854	06	22	24.30	+60	41	43.4		uEB006379
K08W13Z	C2012	01	17.55039	06	22	23.76	+60	41	49.7		uEB006379
K08W13Z	C2012	01	17.55698	06	22	21.74	+60	42	13.5		uEB006379
K08W13Z	C2012	01	17.55883	06	22	21.16	+60	42	19.8		uEB006379
K08W13Z	C2012	01	17.56402	06	22	19.56	+60	42	38.3		uEB006379
K08W13Z	C2012	01	17.56587	06	22	19.07	+60	42	45.1		uEB006379
K08W13Z	C2012	01	17.57209	06	22	17.13	+60	43	07.2		uEB006379
K08W13Z	C2012	01	17.58212	06	22	14.13	+60	43	42.6		uEB006379
K10L14N	mC2012	01	18.08961	23	35	36.41	+04	39	06.0		oEB006291
K10L14N	mC2012	01	18.09094	23	35	37.38	+04	39	13.3		oEB006291
K11Q96P	mC2012	01	18.10868	00	58	10.69	-02	32	06.0		oEB006291
K11Q96P	mC2012	01	18.11194	00	58	11.36	-02	32	00.5		oEB006291
K11Q96P	mC2012	01	18.11518	00	58	11.97	-02	31	55.2		oEB006291

K11SA2L	C2012	01	17.45941	06	09	36.37	+71	50	08.0	17.2	VuEB006379
K11SA2L	C2012	01	17.46738	06	09	40.18	+71	50	18.6		uEB006379
K11SA2L	C2012	01	17.46924	06	09	40.94	+71	50	21.6		uEB006379
K11SA2L	C2012	01	17.47877	06	09	45.52	+71	50	34.4		uEB006379
K11SA2L	C2012	01	17.49279	06	09	52.00	+71	50	53.7		uEB006379
K11SA2L	C2012	01	17.49464	06	09	52.74	+71	50	56.1		uEB006379
K11SA2L	C2012	01	17.49898	06	09	54.80	+71	51	02.1		uEB006379
K11SA2L	C2012	01	17.50083	06	09	55.77	+71	51	04.8		uEB006379
K11SA2L	C2012	01	17.50851	06	09	59.24	+71	51	15.0		uEB006379
K11SA2L	C2012	01	17.51036	06	10	00.13	+71	51	17.6		uEB006379
K11SA2L	C2012	01	17.51641	06	10	02.99	+71	51	25.2		uEB006379
K11SA8E	KC2012	01	18.15551604	51	01.13	+15	26	40.8	20.5	RuEB006H36	
K11SA8E	KC2012	01	18.16668504	51	03.42	+15	26	54.4	20.7	RuEB006H36	
K11W02L	mC2012	01	18.13844	03	34	32.74	-08	47	31.7		oEB006291
K11W02L	mC2012	01	18.14205	03	34	32.99	-08	47	28.2		oEB006291
K11W02L	mC2012	01	18.14564	03	34	33.21	-08	47	24.4		oEB006291
K11W02S	KC2012	01	09.79450	21	50	51.88	+58	35	01.9	19.3	RtEB006204
K11W02S	HC2012	01	09.81481	21	50	58.74	+58	35	08.8		tEB006204
K11W02V	mC2012	01	18.17469	03	54	47.69	-05	42	09.8		oEB006291
K11W02V	mC2012	01	18.18064	03	54	47.98	-05	42	09.2		oEB006291
K11W02V	mC2012	01	18.18655	03	54	48.26	-05	42	08.5		oEB006291
K11WD4V	C2012	01	17.13086	04	34	58.93	+08	31	15.6	17.2	RoEB006G56
K11WD4V	C2012	01	17.14266	04	34	57.67	+08	31	16.7	16.8	RoEB006G56
K11WD4V	C2012	01	17.15607	04	34	56.26	+08	31	19.2	17.0	RoEB006G56
K11WD4V	KC2012	01	17.85831	04	33	45.26	+08	33	05.6	17.2	RuEB006160
K11WD4V	KC2012	01	17.86050	04	33	45.03	+08	33	06.1	17.4	RuEB006160
K11WD4V	KC2012	01	17.86269	04	33	44.80	+08	33	06.4	17.6	RuEB006160
K11X00C	KC2012	01	09.94154	01	52	39.41	+53	42	11.0	20.3	RtEB006204
K11X00C	HC2012	01	09.95932	01	52	36.83	+53	42	49.4		tEB006204
K11X01E	C2012	01	18.19676	06	54	56.40	-01	41	00.7	18.2	RoEB006G48
K11X01E	C2012	01	18.19730	06	54	56.36	-01	41	02.2	18.1	RoEB006G48
K11X01E	C2012	01	18.19784	06	54	56.32	-01	41	03.5	18.1	RoEB006G48
K11X01E	C2012	01	18.19836	06	54	56.28	-01	41	05.2	18.6	RoEB006G48
K11X03O	KC2012	01	14.79280	03	25	29.56	+54	58	49.1	18.4	RcEB006A24
K11X03O	KC2012	01	14.79424	03	25	29.51	+54	58	47.4	18.1	RcEB006A24
K11Y06E	mC2012	01	18.09898	01	09	58.52	-18	36	40.1		oEB006291
K11Y06E	mC2012	01	18.10015	01	09	57.42	-18	36	46.5		oEB006291
K11Y06E	mC2012	01	18.10131	01	09	56.37	-18	36	52.6		oEB006291
K11Y06G	JC2012	01	18.19867	05	26	14.90	+64	08	00.6	20.1	RoEB006695
K11Y06G	JC2012	01	18.19983	05	26	14.68	+64	08	01.4	20.0	RoEB006695
K11Y06G	JC2012	01	18.20093	05	26	14.47	+64	08	02.2	20.0	RoEB006695
K11Y06L	KC2012	01	17.23046	07	24	25.28	+38	04	19.5	19.3	RoEB006G56
K11Y06L	KC2012	01	17.24319	07	24	25.95	+38	04	47.2	19.7	RoEB006G56
K11Y06L	KC2012	01	17.27796	07	24	28.37	+38	06	06.1	19.6	RoEB006G56
K11Y06L	KC2012	01	17.29468	07	24	29.36	+38	06	43.8	19.6	RoEB006G56
K11Y06L	C2012	01	18.09492	07	25	33.18	+38	36	01.5	19.6	RoEB006G48
K11Y06L	C2012	01	18.09666	07	25	33.30	+38	36	05.6	19.0	RoEB006G48
K11Y06L	C2012	01	18.10366	07	25	33.83	+38	36	21.2	19.7	RoEB006G48
K11Y40H	KC2012	01	17.05351	09	31	16.57	-21	45	48.1	15.0	RuEB006160
K11Y40H	KC2012	01	17.05486	09	31	18.28	-21	47	29.9	15.0	RuEB006160
K11Y40H	KC2012	01	17.05525	09	31	18.82	-21	47	58.9	15.2	RuEB006160
K11Y40H	KC2012	01	17.05599	09	31	19.72	-21	48	54.5	15.0	RuEB006160
K11Y40H	KC2012	01	17.05714	09	31	21.30	-21	50	20.2	15.4	RuEB006160
K11Y40H	C2012	01	17.16288	09	34	27.78	-23	50	29.0	15.0	VoEB006807
K11Y40H	C2012	01	17.16366	09	34	28.82	-23	51	27.7	15.0	VoEB006807
K11Y40H	C2012	01	17.16456	09	34	30.02	-23	52	35.4	14.9	VoEB006807
K11Y40H	C2012	01	17.16624	09	34	32.25	-23	54	41.9	14.9	VoEB006807

K11Y40H	C2012	01	17.16792	09	34	34.48	-23	56	47.9	15.0	VoEB006807
K11Y40H	C2012	01	17.16961	09	34	36.71	-23	58	55.3	15.0	VoEB006807
K11Y40H	C2012	01	17.17116	09	34	38.77	-24	00	51.6	14.9	VoEB006807
K11Y62S	FC2012	01	09.88510	01	25	49.89	+58	16	29.7		vEB006204
K11Y62S	FC2012	01	09.90705	01	25	56.44	+58	17	25.4	20.1	RvEB006204
K11Y62U	C2012	01	17.14359	05	36	05.98	-36	52	23.9	18.5	VoEB006807
K11Y62U	C2012	01	17.14755	05	36	05.37	-36	52	29.2	18.7	VoEB006807
K11Y62U	C2012	01	17.15039	05	36	04.94	-36	52	33.0	18.5	VoEB006807
K11Y62U	C2012	01	17.15324	05	36	04.50	-36	52	37.0	18.6	VoEB006807
K11Y62U	C2012	01	17.15607	05	36	04.05	-36	52	40.9	18.3	VoEB006807
K11Y62U	C2012	01	17.15863	05	36	03.69	-36	52	44.3	18.6	VoEB006807
K11Y62U	C2012	01	18.16384	05	33	38.36	-37	15	48.3	18.7	RoEB006G48
K11Y62U	C2012	01	18.16477	05	33	38.20	-37	15	50.1	18.9	RoEB006G48
K11Y62U	C2012	01	18.16572	05	33	38.03	-37	15	51.3	18.8	RoEB006G48
K11Y63M	C2012	01	17.41902	09	56	24.67	+16	30	00.8	19.1	cEB006704
K11Y63M	C2012	01	17.43224	09	56	28.79	+16	29	30.6	19.8	cEB006704
K11Y63M	C2012	01	17.44553	09	56	33.00	+16	29	00.0	19.8	cEB006704
K11Y63M	C2012	01	17.47204	09	56	41.72	+16	27	58.2	19.5	cEB006704
K11Y63M	mC2012	01	17.52106	09	56	57.81	+16	26	04.4		oEB006291
K11Y63M	mC2012	01	17.52223	09	56	58.21	+16	26	01.8		oEB006291
K11Y63M	mC2012	01	17.52339	09	56	58.59	+16	25	58.8		oEB006291
K12A00Y	KC2012	01	15.87180	08	09	30.92	+12	28	52.6	18.2	RuEB006157
K12A00Y	KC2012	01	15.87315	08	09	30.45	+12	28	36.4	18.0	RuEB006157
K12A00Y	KC2012	01	15.87447	08	09	29.98	+12	28	21.3	17.8	RuEB006157
K12A00Y	KC2012	01	17.04573	08	02	38.33	+08	25	42.0	18.1	RuEB006160
K12A00Y	KC2012	01	17.04849	08	02	37.30	+08	25	06.5	18.3	RuEB006160
K12A00Y	KC2012	01	17.05056	08	02	36.67	+08	24	38.0		uEB006160
K12A01E	KC2012	01	15.91767	08	32	32.17	+57	56	43.5	18.2	RuEB006157
K12A01E	KC2012	01	15.92090	08	32	31.23	+57	56	38.8	18.0	RuEB006157
K12A01E	KC2012	01	15.92412	08	32	30.24	+57	56	34.2	18.2	RuEB006157
K12A01E	KC2012	01	15.92735	08	32	29.29	+57	56	29.6	18.0	RuEB006157
K12A01E	C2012	01	18.06874	08	22	49.63	+57	02	10.3	18.3	RoEB006G48
K12A01E	C2012	01	18.07060	08	22	49.14	+57	02	08.1	19.0	RoEB006G48
K12A01E	C2012	01	18.07153	08	22	48.89	+57	02	06.6	18.7	RoEB006G48
K12A01E	C2012	01	18.07247	08	22	48.65	+57	02	04.7	19.1	RoEB006G48
K12A01E	C2012	01	18.07339	08	22	48.44	+57	02	03.7	18.9	RoEB006G48
K12A03C	BC2012	01	10.03084	05	13	31.02	+16	55	19.5		tEB006204
K12A03C	BC2012	01	10.05006	05	13	33.89	+16	53	16.3	19.0	RtEB006204
K12A03C	KC2012	01	17.20532	05	38	23.68	+02	23	13.5	18.2	RoEB006G56
K12A03C	KC2012	01	17.21221	05	38	25.09	+02	22	18.6	17.9	RoEB006G56
K12A03C	KC2012	01	17.21727	05	38	26.19	+02	21	36.8	18.1	RoEB006G56
K12A03D	JC2012	01	18.23064	07	46	53.71	+14	38	17.9	20.4	RoEB006695
K12A03D	JC2012	01	18.23175	07	46	53.60	+14	38	18.6	20.3	RoEB006695
K12A03D	JC2012	01	18.23287	07	46	53.48	+14	38	19.3	20.3	RoEB006695
K12A03D	JC2012	01	18.23395	07	46	53.37	+14	38	20.0	20.3	RoEB006695
K12A10P	KC2012	01	17.91323	03	46	59.89	+37	37	49.6	20.8	RuEB006104
K12A10P	KC2012	01	17.92324	03	46	59.36	+37	37	53.3	20.8	RuEB006104
K12A10P	KC2012	01	18.09356	203	47	11.06	+37	40	50.8	21.1	RuEB006H36
K12A10P	KC2012	01	18.10711	203	47	09.88	+37	40	58.8	20.9	RuEB006H36
K12A10P	KC2012	01	18.12212	703	47	08.68	+37	41	10.2	20.9	RuEB006H36
K12A10Q	C2012	01	17.24840	10	15	34.88	-43	37	32.9	18.4	VoEB006807
K12A10Q	C2012	01	17.24954	10	15	44.91	-43	38	40.3	18.6	VoEB006807
K12A10Q	C2012	01	17.25067	10	15	54.83	-43	39	47.0	18.8	VoEB006807
K12A10Q	C2012	01	17.25178	10	16	04.63	-43	40	52.5	18.6	VoEB006807
K12A11A	KC2012	01	15.96062	04	59	31.95	+50	09	16.7		tEB006204
K12A11A	KC2012	01	15.96358	04	59	31.54	+50	09	18.1		tEB006204
K12A11A	KC2012	01	15.97708	04	59	29.63	+50	09	25.1	19.1	RtEB006204

K12A11A	KC2012	01	17.16386	04	57	01.75	+50	20	29.2	19.0	RoEB006G56
K12A11A	KC2012	01	17.17784	04	56	59.80	+50	20	37.4	18.6	RoEB006G56
K12A11A	KC2012	01	17.19271	04	56	57.74	+50	20	46.1	18.2	RoEB006G56
K12A11A	C2012	01	18.05733	04	55	12.63	+50	28	17.1	19.1	RoEB006G48
K12A11A	C2012	01	18.06079	04	55	12.25	+50	28	20.5	18.9	RoEB006G48
K12A11A	C2012	01	18.06248	04	55	12.04	+50	28	22.0	19.1	RoEB006G48
K12A11B	KC2012	01	16.11759	08	48	53.60	+56	02	01.4	18.3	RtEB006204
K12A11B	KC2012	01	16.12477	08	48	56.99	+56	03	46.7		tEB006204
K12A11B	KC2012	01	16.13189	08	49	00.37	+56	05	31.5		tEB006204
K12A11B	C2012	01	17.12389	08	58	13.80	+60	00	14.5	18.5	RoEB006G48
K12A11B	C2012	01	17.12464	08	58	14.25	+60	00	25.6	18.9	RoEB006G48
K12A11B	C2012	01	17.12538	08	58	14.62	+60	00	36.1	19.0	RoEB006G48
K12A11B	C2012	01	17.12611	08	58	15.15	+60	00	45.7	19.0	RoEB006G48
00433	C2012	01	17.50497	10	41	01.20	+10	01	08.6		cEB006704
00433	C2012	01	17.53150	10	41	00.61	+09	59	24.5		cEB006704
01627	C2012	01	16.86083	06	52	00.55	+16	59	29.7	15.1	RrEB006106
01627	C2012	01	16.87122	06	51	59.76	+16	59	32.8	15.1	RrEB006106
01627	C2012	01	16.88155	06	51	58.95	+16	59	35.8	15.2	RrEB006106
01627	C2012	01	16.89193	06	51	58.14	+16	59	38.7	15.3	RrEB006106
01943	KC2012	01	14.78383	02	33	15.60	+13	21	53.3	17.7	RcEB006A24
01943	KC2012	01	14.78528	02	33	15.67	+13	21	53.2	17.9	RcEB006A24
03103	C2012	01	17.48105	10	53	39.14	+08	33	00.2	15.6	cEB006704
03103	C2012	01	17.49446	10	53	38.45	+08	33	35.0	15.9	cEB006704
03103	C2012	01	17.50784	10	53	37.75	+08	34	09.2	16.1	cEB006704
03103	C2012	01	17.52106	10	53	37.09	+08	34	43.5	16.1	cEB006704
03103	C2012	01	17.53431	10	53	36.44	+08	35	17.3	15.7	cEB006704
03200	C2012	01	14.77445	01	45	11.44	+22	10	25.9	17.2	RcEB006A24
03200	C2012	01	14.77517	01	45	11.42	+22	10	25.4	17.0	RcEB006A24
03691	KC2012	01	14.76738	01	08	43.49	+30	53	59.4	18.8	RcEB006A24
03691	KC2012	01	14.76883	01	08	43.57	+30	53	59.2	18.6	RcEB006A24
04183	C2012	01	14.77000	01	15	23.15	+15	21	26.0	15.9	RcEB006A24
04183	C2012	01	14.77072	01	15	23.17	+15	21	25.9	15.9	RcEB006A24
04183	C2012	01	17.08919	01	17	18.89	+15	14	34.8	17.0	cEB006704
04183	C2012	01	17.10208	01	17	19.60	+15	14	32.1	17.1	cEB006704
04183	C2012	01	17.11515	01	17	20.22	+15	14	29.9	17.0	cEB006704
04183	C2012	01	17.12816	01	17	20.87	+15	14	27.8	16.7	cEB006704
04183	C2012	01	17.14250	01	17	21.61	+15	14	25.3	16.9	cEB006704
07358	C2012	01	17.09052	01	25	34.16	+11	03	38.3	17.6	cEB006704
07358	C2012	01	17.10343	01	25	36.83	+11	03	50.7	17.6	cEB006704
07358	C2012	01	17.11649	01	25	39.52	+11	04	02.6	17.7	cEB006704
07358	C2012	01	17.12949	01	25	42.17	+11	04	14.7	17.5	cEB006704
07358	C2012	01	17.14390	01	25	45.12	+11	04	28.1	17.7	cEB006704
10145	C2012	01	17.28948	06	28	26.71	+31	09	23.9	17.3	cEB006704
10145	C2012	01	17.30252	06	28	25.54	+31	09	13.1	18.2	cEB006704
10145	C2012	01	17.31555	06	28	24.55	+31	09	06.7	17.8	cEB006704
10145	C2012	01	17.32881	06	28	23.43	+31	08	56.5	17.4	cEB006704
10145	C2012	01	17.34187	06	28	22.35	+31	08	47.8	17.5	cEB006704
20826	C2012	01	14.76551	00	44	13.53	+46	20	26.2	18.0	RcEB006A24
20826	C2012	01	14.76623	00	44	13.57	+46	20	25.6	17.9	RcEB006A24
21088	C2012	01	17.34847	07	32	25.94	+28	55	08.7	16.5	cEB006704
21088	C2012	01	17.36154	07	32	23.92	+28	54	54.7	17.0	cEB006704
21088	C2012	01	17.37470	07	32	21.97	+28	54	39.7	16.6	cEB006704
21088	C2012	01	17.38780	07	32	20.01	+28	54	25.1	16.5	cEB006704
21088	C2012	01	17.40091	07	32	18.01	+28	54	10.5	16.9	cEB006704
24475	C2012	01	14.78651	02	43	19.87	+55	49	09.8	15.0	RcEB006A24
24475	C2012	01	14.78723	02	43	19.92	+55	49	12.3	15.0	RcEB006A24
29075	KC2012	01	17.97381	07	08	14.56	+51	52	14.3	17.7	RoEB006J27

29075	KC2012	01	17.98693	07	08	11.72	+51	52	17.9	17.6	RoEB006J27
29075	KC2012	01	18.01216	07	08	06.27	+51	52	24.4	18.0	RoEB006J27
42286	KC2012	01	14.78088	02	07	42.35	+27	46	22.8	19.0	RcEB006A24
42286	KC2012	01	14.78232	02	07	42.33	+27	46	24.0	18.7	RcEB006A24
90147	KC2012	01	14.77619	02	17	27.95	+26	11	54.2	17.8	RcEB006A24
90147	KC2012	01	14.77730	02	17	28.35	+26	11	50.7	18.0	RcEB006A24
90147	KC2012	01	14.77805	02	17	28.64	+26	11	48.2	18.0	RcEB006A24
D7052	KC2012	01	16.74763	05	26	39.33	+36	47	35.3	20.3	VuEB006240
D7052	KC2012	01	16.75473	05	26	38.38	+36	47	34.1	20.8	VuEB006240
D7052	KC2012	01	16.76112	05	26	37.57	+36	47	32.4	20.1	VuEB006240
D7084	KC2012	01	14.77188	01	31	29.28	+27	01	01.9	18.4	RcEB006A24
D7084	KC2012	01	14.77332	01	31	29.45	+27	01	00.7	18.6	RcEB006A24
D7805	C2012	01	14.76401	00	46	46.11	+39	53	42.2	17.2	RcEB006A24
D7805	C2012	01	14.76473	00	46	46.26	+39	53	42.2	17.4	RcEB006A24
E1018	C2012	01	17.41617	09	21	32.82	+22	22	36.2	17.3	cEB006704
E1018	C2012	01	17.42939	09	21	32.88	+22	22	48.0	17.4	cEB006704
E1018	C2012	01	17.44268	09	21	32.99	+22	23	00.3	17.5	cEB006704
E1018	C2012	01	17.45587	09	21	33.04	+22	23	11.4	17.5	cEB006704
E1018	C2012	01	17.46919	09	21	33.15	+22	23	23.5	17.5	cEB006704
F3951	KC2012	01	17.91510	09	20	15.07	+29	50	22.7	18.4	VuEB006A13
F3951	KC2012	01	17.93798	09	20	13.44	+29	49	44.2	18.5	VuEB006A13
F3951	KC2012	01	17.96048	09	20	11.81	+29	49	06.5	18.0	VuEB006A13
H5706	C2012	01	17.23745	05	00	37.29	+24	26	20.8	18.5	cEB006704
H5706	C2012	01	17.25041	05	00	37.02	+24	26	15.3	18.6	cEB006704
H5706	C2012	01	17.26348	05	00	36.74	+24	26	09.8	18.7	cEB006704
H5706	C2012	01	17.27648	05	00	36.50	+24	26	03.7	18.5	cEB006704
K7398	KC2012	01	16.80910	05	55	57.78	+20	44	39.8	19.9	VuEB006240
K7398	KC2012	01	16.81781	05	55	55.97	+20	44	41.9	19.9	VuEB006240
K7398	KC2012	01	16.82651	05	55	54.16	+20	44	44.0	19.8	VuEB006240
K9924	C2012	01	14.37844	02	10	13.21	+26	24	56.3	17.3	VuEB006379
K9924	C2012	01	14.37971	02	10	13.43	+26	24	52.3		uEB006379
K9924	C2012	01	14.38983	02	10	15.29	+26	24	21.8		uEB006379
K9924	C2012	01	14.39110	02	10	15.52	+26	24	17.9		uEB006379
K9924	C2012	01	14.77903	02	11	29.63	+26	04	46.7	16.0	RcEB006A24
K9924	C2012	01	14.77975	02	11	29.77	+26	04	44.4	16.1	RcEB006A24
V0842	KC2012	01	17.87215	04	44	54.03	+31	54	35.1	17.3	RuEB006160
V0842	KC2012	01	17.87433	04	44	54.16	+31	54	27.3	16.9	RuEB006160
V0842	KC2012	01	17.87651	04	44	54.29	+31	54	19.1	16.8	RuEB006160

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