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## IAU Minor Planet Center

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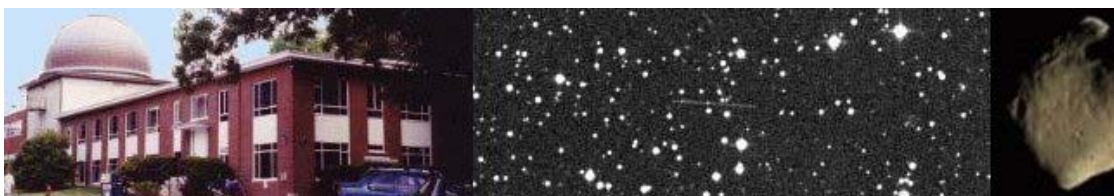
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## MPEC 2011-N07 : DAILY ORBIT UPDATE (2011 JULY 2 UT)

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M.P.E.C. 2011-N07

Issued 2011 July 2, 07:06 UT

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### DAILY ORBIT UPDATE (2011 JULY 2 UT)

Update to [MPEC 2011-N01](#)

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

### New identification:

K01P67Q	K05P03N	MPCS	
K01SZ5W	K06SI7H	MPCS	
K01TQ2A	K10GF1O	MPCS	
K02M06R	K07E84Q	MPCS	
K02N77A	K07VS6D	MPCS	
K02QE7C	K03Y73G	MPCS	
K02QE7D	K11K37U	MPCS	
K02QE7E	K05GL7Y	MPCS	
K02QE7F	K11F30S	MPCS	
K02QE7G	K07TM1H	MPCS	
K02QE7H	K09BF2M	MPCS	
K02QE7J	K10A11X	MPCS	
K02QE7T	K05E75N	MPCS	
K02QE7V	K11B50M	MPCS	
K04RH5P	K11M03W	MPCS	
K05B04W	K11M03Z	MPCS	
K07RQ5R	K11M04L	MPCS	
K08YF3V	K02QE7M	MPCS	
K11K12V	K00J91S	K10K29F	MPCS

### New multiple-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Opp	C
J90T09V	17.5	0.15	K118R	337.675	114.437	247.974	3.865	0.24778	2.31913	6	X
J93001V	16.8	0.15	K118R	30.632	323.771	310.854	11.195	0.43377	2.34199	7	X
J93003H	16.6	0.15	K118R	60.101	357.824	295.920	6.654	0.11492	2.30927	7	X
J95F01U	13.9	0.15	K118R	58.463	97.167	158.243	15.857	0.03632	5.16072	5	X
J97W14C	17.1	0.15	K118R	51.208	18.717	272.860	3.992	0.22240	2.31177	7	X
J98Q29W	16.2	0.15	K118R	358.446	11.078	303.711	10.900	0.17863	2.68441	7	X

J98Q49D	16.1	0.15	K118R	15.793	330.561	347.301	7.946	0.22106	2.65665	6	X
J98Q89J	15.7	0.15	K118R	329.819	106.907	256.511	11.356	0.28923	2.69433	4	X
J98SA6T	16.8	0.15	K118R	349.876	158.758	181.692	5.189	0.22569	2.21279	5	X
J98U28K	16.5	0.15	K118R	331.136	226.483	198.654	14.113	0.32011	2.66238	5	X
J99F12C	16.2	0.15	K118R	263.212	93.932	170.016	4.661	0.12061	2.61789	8	W
J99R66E	16.3	0.15	K118R	319.305	178.773	157.725	8.026	0.21718	2.58612	6	X
J99TJ3H	16.3	0.15	K118R	319.318	86.049	295.150	6.129	0.23374	2.57650	5	X
J99TO9V	16.7	0.15	K118R	294.037	154.357	231.192	7.096	0.13140	2.59397	7	X
J99V48P	16.3	0.15	K118R	352.282	56.480	294.065	3.697	0.23990	2.55398	6	X
J99V61X	16.8	0.15	K118R	332.789	138.431	227.193	4.767	0.23800	2.57116	7	X
J99W17Q	17.1	0.15	K118R	285.389	175.996	219.347	13.649	0.25550	2.60432	4	X
J99XF5E	16.5	0.15	K118R	324.526	180.592	243.369	6.895	0.23669	2.54974	4	X
K00A26P	15.3	0.15	K118R	160.584	223.546	294.053	11.242	0.10427	2.73852	6	X
K00B20E	17.0	0.15	K118R	58.995	303.609	308.212	3.081	0.05363	2.79464	6	X
K00D11N	16.4	0.15	K118R	62.028	281.780	0.895	3.546	0.06580	2.80765	6	X
K00GH5W	16.8	0.15	K118R	97.496	346.515	187.438	7.685	0.20192	2.30330	5	X
K00H46A	17.3	0.15	K118R	26.419	237.589	43.879	21.600	0.07443	1.93087	5	X
K00QD4K	16.8	0.15	K118R	15.913	2.035	341.772	6.040	0.20059	2.34204	5	X
K00QE3E	15.6	0.15	K118R	11.200	181.680	170.637	20.928	0.16781	3.08987	4	X
K00QE7W	16.8	0.15	K118R	41.745	88.664	180.475	16.754	0.46695	3.08185	4	X
K00QF6Q	16.7	0.15	K118R	308.359	158.765	235.220	7.191	0.20740	2.39344	6	X
K00QG7C	16.8	0.15	K118R	339.387	53.694	310.916	4.562	0.19502	2.38377	6	X
K00R82R	15.6	0.15	K118R	356.466	192.673	185.391	17.605	0.20718	3.08025	8	X
K00S20P	16.0	0.15	K118R	303.907	130.211	247.474	7.465	0.14470	2.45019	5	X
K00S26H	15.4	0.15	K118R	335.254	226.448	182.695	13.462	0.21428	3.05434	8	X
K00S95R	16.3	0.15	K118R	354.647	32.330	347.567	17.130	0.21756	3.08651	4	X
K00SH4J	16.4	0.15	K118R	9.803	104.982	249.182	8.782	0.27894	2.36607	6	X
K00SM8O	17.0	0.15	K118R	354.634	315.594	7.103	1.470	0.19140	2.43197	6	X
K00ST0D	17.2	0.15	K118R	320.739	99.051	312.285	3.808	0.20611	2.37932	5	X
K00SW5O	17.6	0.15	K118R	316.947	359.980	36.713	2.763	0.18850	2.39581	4	X
K00T27T	15.4	0.15	K118R	324.776	206.768	213.057	17.043	0.20039	3.12820	6	X
K00U69H	17.3	0.15	K118R	9.368	90.571	267.580	3.067	0.25466	2.37491	6	X
K00WG0T	16.3	0.15	K118R	299.763	258.231	132.578	7.098	0.12551	2.46833	6	X
K01FI6V	15.8	0.15	K118R	138.830	318.350	157.514	13.823	0.15233	2.77103	6	X
K01G08U	16.9	0.15	K118R	36.343	84.290	105.000	6.209	0.21547	2.23913	3	X
K01P67Q	16.9	0.15	K118R	162.578	319.776	16.932	11.478	0.27628	2.54912	2	S
K01Q26T	17.7	0.15	K118R	56.060	116.002	172.582	4.307	0.22786	2.20541	5	X
K01Q48L	16.6	0.15	K118R	24.260	250.563	34.855	0.966	0.32578	2.91900	5	X
K01QF2W	15.5	0.15	K118R	237.423	243.206	151.790	11.054	0.08253	3.13283	6	X
K01QF3E	17.9	0.15	K118R	21.970	164.861	152.346	3.071	0.25330	2.20766	5	X
K01QK5H	15.6	0.15	K118R	313.774	165.211	182.609	9.507	0.10874	3.04071	7	X
K01QT3Y	17.5	0.15	K118R	322.998	73.789	301.436	4.521	0.19929	2.24049	4	X
K01QU5Y	15.7	0.15	K118R	16.111	97.257	175.952	10.564	0.01584	3.07616	4	X
K01R99L	16.8	0.15	K118R	8.516	354.877	346.110	5.216	0.14548	2.21335	5	X
K01S07R	16.3	0.15	K118R	282.738	276.394	133.079	2.211	0.13675	2.98104	8	X
K01S77M	17.2	0.15	K118R	26.017	346.848	334.250	5.391	0.09447	2.23740	6	X
K01S86R	15.9	0.15	K118R	294.397	196.168	175.318	11.055	0.11007	3.02678	5	X
K01S94S	17.1	0.15	K118R	306.209	153.059	222.554	5.988	0.13553	2.27992	5	X
K01SC5D	15.8	0.15	K118R	274.588	204.725	181.225	10.159	0.11539	3.07569	6	X
K01SI6B	18.0	0.15	K118R	350.437	139.615	169.707	7.247	0.13181	2.27843	4	X
K01SM9U	16.0	0.15	K118R	293.944	260.914	142.313	2.480	0.17994	3.03673	8	X
K01SN1B	17.2	0.15	K118R	13.824	69.594	234.845	6.132	0.14298	2.26274	5	X
K01SW3B	17.6	0.15	K118R	346.939	87.294	251.615	6.130	0.14062	2.26423	4	X
K01SZ3W	15.1	0.15	K118R	335.808	81.026	314.296	13.872	0.33191	2.98020	4	X
K01SZ5W	16.4	0.15	K118R	298.295	207.331	162.288	11.112	0.10121	3.08214	2	S
K01T13F	17.3	0.15	K118R	325.791	318.142	31.767	21.708	0.08625	1.87963	4	X
K01T24U	12.7	0.15	K118R	254.558	179.440	255.589	7.219	0.10001	5.22682	6	X
K01T47P	13.2	0.15	K118R	316.060	230.897	135.837	10.713	0.06516	5.24221	6	X
K01T57K	15.7	0.15	K118R	299.492	159.969	206.061	9.804	0.12782	3.10188	6	X
K01T69C	15.9	0.15	K118R	34.670	127.460	202.146	10.082	0.05263	2.93207	8	X
K01T90X	17.8	0.15	K118R	24.219	21.052	297.197	2.762	0.18160	2.24149	5	X
K01TC0E	14.8	0.15	K118R	254.039	148.931	295.240	11.862	0.24898	3.10332	4	X
K01TIOG	15.0	0.15	K118R	282.253	153.126	248.633	8.810	0.07480	3.08842	8	X
K01TO0K	17.6	0.15	K118R	25.633	344.770	348.812	5.237	0.18847	2.23070	6	X
K01TQ2A	17.4	0.15	K118R	172.036	29.452	70.851	15.063	0.09087	2.41330	2	S
K01U11F	16.8	0.15	K118R	264.763	183.978	225.480	10.436	0.21143	2.35369	5	X
K01U46P	17.2	0.15	K118R	337.346	182.534	182.141	4.153	0.25090	2.26608	4	X
K01U56J	15.8	0.15	K118R	298.160	81.146	345.369	9.127	0.10466	2.96588	5	X
K01U62C	16.0	0.15	K118R	300.955	149.760	242.960	5.458	0.11721	3.05515	5	X
K01UE0M	16.7	0.15	K118R	4.101	132.809	183.734	4.996	0.32717	2.99665	4	X
K01UG4J	16.5	0.15	K118R	334.465	140.604	189.721	6.760	0.12812	2.32735	6	X
K01UI8X	15.6	0.15	K118R	292.956	145.936	198.499	10.648	0.09702	3.17934	7	X
K01V59G	17.1	0.15	K118R	3.400	116.887	249.610	5.901	0.15599	2.23801	4	X
K01V61N	17.0	0.15	K118R	298.820	125.079	268.540	6.691	0.11143	2.30825	4	X
K01W00H	16.5	0.15	K118R	327.752	217.235	202.666	6.789	0.24034	2.96698	3	X
K01X76P	15.5	0.15	K118R	298.362	141.828	235.544	15.756	0.17127	3.15066	4	X
K01XI6P	17.2	0.15	K118R	306.487	155.192	270.828	5.756	0.07346	2.30104	6	X

K01XL8T	16.8	0.15	K118R	334.065	112.213	246.621	4.232	0.15934	2.29244	6	X
K01XN7H	17.1	0.15	K118R	15.020	72.577	276.451	6.199	0.14665	2.27255	4	X
K01Y14R	16.4	0.15	K118R	348.260	189.022	181.800	0.894	0.18653	3.03370	5	X
K01Y78K	16.7	0.15	K118R	337.754	99.007	299.108	4.914	0.16485	2.28391	4	X
K01YA3U	16.8	0.15	K118R	258.653	315.198	121.942	1.965	0.16352	2.35436	7	X
K02AD1P	16.9	0.15	K118R	1.538	26.619	307.056	18.071	0.08837	1.91815	4	X
K02CK1K	16.9	0.15	K118R	108.174	83.541	122.871	3.009	0.02937	2.46710	6	X
K02CK5C	17.4	0.15	K118R	121.884	54.204	137.359	4.958	0.05173	2.47516	4	X
K02CS1N	15.6	0.15	K118R	15.122	36.063	312.958	9.226	0.12934	3.21329	7	X
K02E79S	17.0	0.15	K118R	85.532	327.659	201.427	7.632	0.15869	2.60447	6	X
K02G00Z	16.3	0.15	K118R	4.286	184.722	18.425	36.104	0.09954	2.78082	2	S
K02G93D	16.3	0.15	K118R	140.715	209.578	355.319	5.866	0.08830	2.47852	7	X
K02H06A	17.3	0.15	K118R	113.397	329.022	206.844	6.548	0.14732	2.61382	5	X
K02K03H	17.5	0.15	K118R	25.467	34.845	259.315	10.240	0.57695	2.69332	4	X
K02L27H	16.4	0.15	K118R	113.907	4.525	238.593	10.871	0.10109	2.52538	6	X
K02L39W	16.6	0.15	K118R	2.002	97.969	205.544	9.106	0.29027	2.69227	5	X
K02L63C	16.1	0.15	K118R	10.979	45.155	308.066	11.758	0.16434	2.61571	3	X
K02M06R	16.1	0.15	K118R	240.223	135.021	109.479	9.416	0.33462	3.22510	2	S
K02N54R	15.7	0.15	K118R	9.333	152.410	126.514	14.614	0.17869	2.76044	4	X
K02N69E	15.9	0.15	K118R	253.844	132.597	310.418	11.500	0.19092	2.71251	4	X
K02N72K	16.8	0.15	K118R	72.965	99.764	160.336	5.920	0.16104	2.64640	5	X
K02N74O	16.5	0.15	K118R	76.326	35.643	195.200	8.683	0.08633	2.74454	5	X
K02N77A	16.3	0.15	K118R	50.342	293.681	36.443	3.232	0.15116	2.59267	2	S
K02O15R	16.1	0.15	K118R	348.451	112.289	203.669	8.486	0.14251	2.76801	4	X
K02P03Z	16.0	0.15	K118R	13.582	36.032	266.148	11.250	0.15359	2.70852	2	X
K02P53H	17.1	0.15	K118R	11.003	12.666	342.594	3.422	0.18338	2.64997	4	X
K02P69S	15.6	0.15	K118R	310.399	103.071	291.702	12.388	0.22150	2.76223	4	X
K02P89X	15.2	0.15	K118R	334.593	79.053	261.661	10.874	0.15092	2.78541	4	X
K02P90K	16.0	0.15	K118R	4.112	43.284	259.693	10.912	0.18156	2.77411	4	X
K02PB2U	16.9	0.15	K118R	351.574	142.671	176.085	7.910	0.30978	2.76009	4	X
K02PD7N	16.9	0.15	K118R	359.459	198.357	120.400	10.797	0.28495	2.75677	4	X
K02PD9N	15.1	0.15	K118R	35.694	309.709	353.679	11.186	0.27630	2.68285	7	X
K02PG5K	17.2	0.15	K118R	3.412	29.091	334.012	9.612	0.25414	2.67049	3	X
K02Q05N	16.0	0.15	K118R	327.737	115.071	242.514	6.761	0.08710	2.76233	5	X
K02Q14B	15.7	0.15	K118R	302.335	139.291	256.720	8.149	0.17668	2.75646	5	X
K02Q27A	16.8	0.15	K118R	10.170	18.877	339.641	13.053	0.17401	2.65167	3	X
K02QA1E	16.6	0.15	K118R	192.632	3.356	120.772	5.132	0.02262	2.76057	5	X
K02QD1K	16.1	0.15	K118R	306.101	91.416	336.358	21.830	0.05732	2.63491	5	X
K02QD4Q	16.7	0.15	K118R	2.326	194.526	122.834	6.042	0.14753	2.75903	6	X
K02QE7C	15.9	0.15	K118R	309.973	60.361	52.085	2.055	0.11232	2.53155	2	S
K02QE7D	18.6	0.15	K118R	327.653	235.740	81.522	1.540	0.15811	2.13539	2	S
K02QE7E	16.8	0.15	K118R	26.647	344.636	356.869	2.441	0.15839	2.64676	2	S
K02QE7F	16.1	0.15	K118R	100.031	323.775	144.251	7.257	0.04720	3.11086	2	S
K02QE7G	16.7	0.15	K118R	334.233	148.977	141.571	3.815	0.14325	2.88465	2	S
K02QE7H	17.2	0.15	K118R	353.798	337.428	10.482	1.947	0.09649	2.71034	2	S
K02QE7J	16.2	0.15	K118R	155.933	290.831	138.248	5.676	0.14450	3.09248	2	S
K02QE7T	17.1	0.15	K118R	136.374	278.890	353.710	10.545	0.09733	2.51910	2	S
K02QE7V	17.4	0.15	K118R	147.421	6.539	29.551	5.397	0.16437	2.31722	2	S
K02R56S	16.0	0.15	K118R	29.518	133.591	189.430	7.820	0.26184	2.69341	4	X
K02RC8M	16.8	0.15	K118R	358.541	79.125	225.836	12.190	0.20644	2.78404	4	X
K02RH6N	16.9	0.15	K118R	358.375	149.043	221.408	6.848	0.10207	2.68223	6	X
K02T06C	15.7	0.15	K118R	4.571	159.748	170.677	8.640	0.29379	2.76740	9	X
K02TD0B	15.5	0.15	K118R	319.744	65.964	339.497	11.442	0.14579	2.74315	6	X
K02TD6G	16.1	0.15	K118R	41.889	4.773	307.314	9.125	0.15411	2.74115	6	X
K02TE8R	16.7	0.15	K118R	338.115	151.145	212.342	13.232	0.26356	2.74137	4	X
K02TH0P	15.8	0.15	K118R	4.548	23.321	307.102	9.544	0.23189	2.76011	3	X
K02TM1V	15.8	0.15	K118R	355.671	90.529	263.733	12.131	0.29224	2.71903	2	S
K02TT9R	16.5	0.15	K118R	50.325	45.385	269.522	3.251	0.06385	2.75573	6	X
K02TV4B	15.5	0.15	K118R	75.390	51.291	131.788	10.707	0.07651	3.10784	5	X
K02Ta3N	16.9	0.15	K118R	321.134	248.563	114.756	3.143	0.09058	2.82746	6	X
K02U42O	15.8	0.15	K118R	191.838	245.986	207.330	10.399	0.00958	2.98773	5	X
K02V93W	15.8	0.15	K118R	10.297	194.516	137.523	8.821	0.28495	2.77480	8	X
K02V96P	16.3	0.15	K118R	324.337	156.794	271.312	6.611	0.24558	2.74028	4	X
K02VA0Y	16.2	0.15	K118R	336.678	86.762	281.145	7.074	0.30148	2.79292	3	X
K02VA6N	15.9	0.15	K118R	18.272	94.049	251.900	4.939	0.07296	2.76366	7	X
K02X34O	15.7	0.15	K118R	359.296	45.782	297.010	10.573	0.17157	2.80485	6	X
K03A40P	15.1	0.15	K118R	209.118	212.167	267.634	7.724	0.19286	3.10814	4	X
K03B04G	15.9	0.15	K118R	122.678	272.227	282.738	8.002	0.02778	3.18838	3	X
K03B11L	16.1	0.15	K118R	341.341	108.132	317.824	25.582	0.31223	2.79146	3	X
K03B70L	15.7	0.15	K118R	88.840	295.459	329.379	11.583	0.15096	3.15066	6	X
K03H19E	17.7	0.15	K118R	27.406	342.336	297.679	1.152	0.19177	2.40969	8	X
K03L00G	18.5	0.15	K118R	62.206	18.826	124.509	11.883	0.73445	1.91290	3	X
K03M02D	15.9	0.15	K118R	359.748	202.625	114.313	8.598	0.20944	2.52984	7	X
K03N11U	16.3	0.15	K118R	12.813	138.325	142.475	12.113	0.03281	2.56930	6	X
K03Q10C	17.9	0.15	K118R	317.805	120.631	0.182	5.037	0.73122	1.37322	3	X
K03Q32O	16.1	0.15	K118R	298.981	224.732	149.196	9.411	0.07787	2.58920	5	X
K03Q42R	17.9	0.15	K118R	15.824	252.913	66.160	0.229	0.35307	2.50392	3	X

K03Q62Y	16.2	0.15	K118R	345.818	180.455	160.108	11.541	0.17975	2.56700	5	X
K03R09Z	16.4	0.15	K118R	306.202	221.025	134.574	10.504	0.26526	2.65373	5	X
K03S41R	17.2	0.15	K118R	22.953	352.588	313.642	17.839	0.08185	1.92042	5	X
K03SC6O	16.0	0.15	K118R	273.219	172.652	206.968	12.083	0.08397	2.69903	5	X
K03SD9T	16.4	0.15	K118R	227.698	232.964	193.945	12.944	0.07323	2.70017	4	X
K03SG7Y	16.5	0.15	K118R	318.062	191.557	183.120	7.263	0.17568	2.56263	4	X
K03SI3R	14.7	0.15	K118R	341.925	60.113	338.084	10.241	0.19781	3.99875	6	X
K03SJ3W	15.1	0.15	K118R	331.755	87.914	329.769	11.004	0.26735	3.97491	4	X
K03SK4A	16.4	0.15	K118R	257.847	155.619	280.733	5.441	0.18841	2.62733	4	X
K03SR3M	16.1	0.15	K118R	334.020	76.952	328.331	5.514	0.31648	2.55290	5	X
K03SS0R	18.2	0.15	K118R	11.109	87.636	199.401	6.065	0.35428	2.57073	3	X
K03SU7H	15.9	0.15	K118R	6.209	65.484	295.937	12.719	0.16900	2.51804	7	X
K03Sa5E	17.1	0.15	K118R	111.997	338.090	201.098	5.708	0.11232	2.65355	5	X
K03Sa6Z	17.0	0.15	K118R	191.512	214.383	272.078	1.631	0.08809	2.61232	8	X
K03T04X	16.6	0.15	K118R	273.437	154.027	224.613	13.566	0.01906	2.72534	5	X
K03T05B	16.4	0.15	K118R	298.243	146.699	229.900	6.595	0.09773	2.65674	5	X
K03T19L	16.5	0.15	K118R	280.566	165.272	197.579	8.535	0.11623	2.71941	5	X
K03T47W	16.5	0.15	K118R	186.051	255.744	212.806	11.609	0.13219	2.70136	6	X
K03U09C	16.2	0.15	K118R	303.015	260.879	142.837	16.912	0.23786	2.61252	5	X
K03U18S	16.6	0.15	K118R	342.517	278.378	71.641	12.159	0.29264	2.58769	6	X
K03U51N	16.9	0.15	K118R	5.204	25.730	300.570	10.735	0.26162	2.56465	4	X
K03UH5U	17.5	0.15	K118R	17.220	135.758	207.666	3.511	0.19968	2.52085	8	X
K03UH9Q	16.0	0.15	K118R	271.921	203.905	179.022	6.773	0.23077	2.73020	6	X
K03UK2X	16.4	0.15	K118R	297.523	134.103	215.321	11.675	0.13549	2.72989	6	X
K03UL2U	16.2	0.15	K118R	355.511	278.631	49.169	15.643	0.25753	2.61556	5	X
K03UM8V	16.9	0.15	K118R	287.447	168.212	230.512	13.317	0.25047	2.66994	3	X
K03UR4Q	15.8	0.15	K118R	314.084	128.902	232.358	8.234	0.09950	2.66079	6	X
K03UW9M	18.1	0.15	K118R	11.740	46.643	258.583	3.842	0.24330	2.54970	2	S
K03UX1W	17.7	0.15	K118R	301.402	100.304	297.465	3.514	0.20314	2.57664	5	X
K03Ub0Y	17.1	0.15	K118R	337.440	76.090	274.420	13.933	0.16442	2.52542	6	X
K03W39B	17.1	0.15	K118R	323.876	64.383	301.474	5.148	0.13977	2.64593	4	X
K03W42O	16.1	0.15	K118R	344.845	269.860	76.893	17.218	0.26103	2.58122	3	X
K03W81E	16.7	0.15	K118R	20.550	23.344	307.388	3.875	0.32526	2.55009	4	X
K03WC1M	17.0	0.15	K118R	346.147	36.980	357.552	5.003	0.28247	2.55638	4	X
K03WD9X	15.5	0.15	K118R	318.720	131.629	254.218	11.063	0.26823	2.64259	4	X
K03WH1W	16.2	0.15	K118R	333.368	231.697	178.725	14.446	0.18180	2.54632	4	X
K03WJ0F	15.7	0.15	K118R	357.669	38.183	334.508	17.539	0.31968	2.56514	3	X
K03X03Q	16.8	0.15	K118R	0.724	192.105	178.352	4.989	0.24014	2.55990	8	X
K03X06E	15.5	0.15	K118R	320.970	77.599	295.178	11.613	0.20658	2.67009	4	X
K03X12T	17.5	0.15	K118R	344.203	71.035	333.630	10.446	0.34994	2.54610	3	X
K03Y28G	16.3	0.15	K118R	313.927	111.969	260.617	11.228	0.20278	2.68719	3	X
K03YC1B	16.3	0.15	K118R	319.657	94.918	326.562	11.563	0.15488	2.63569	4	X
K04B11C	15.3	0.15	K118R	324.584	106.035	300.704	25.760	0.49587	2.63574	3	X
K04B68Z	16.0	0.15	K118R	308.795	280.162	182.603	27.460	0.38753	2.60251	4	X
K04B90G	16.4	0.15	K118R	346.682	143.954	256.020	5.536	0.32610	2.58134	4	X
K04C10W	16.3	0.15	K118R	295.829	128.571	308.443	5.627	0.03305	2.75464	6	X
K04C32H	16.6	0.15	K118R	59.661	309.087	294.720	10.011	0.12131	3.00814	4	X
K04D11N	15.9	0.15	K118R	193.222	314.486	170.036	9.560	0.04501	2.99580	6	X
K04D28O	15.9	0.15	K118R	181.720	322.985	147.762	17.444	0.07080	3.06688	5	X
K04E32S	14.9	0.15	K118R	142.892	237.525	291.040	13.274	0.16717	3.09578	6	X
K04E80E	15.3	0.15	K118R	149.435	340.161	148.554	18.182	0.22752	3.12726	3	X
K04E93S	18.2	0.15	K118R	93.358	51.765	152.614	6.389	0.19250	2.18511	4	X
K04F30K	14.9	0.15	K118R	298.143	217.589	249.908	23.038	0.20312	2.68852	5	X
K04F74N	16.2	0.15	K118R	313.025	162.929	185.600	9.797	0.06702	3.14100	6	X
K04FD4R	15.8	0.15	K118R	195.568	260.308	191.599	11.086	0.10199	3.17037	8	X
K04G45Z	16.3	0.15	K118R	129.765	18.468	187.168	4.230	0.16107	3.08037	6	X
K04H12U	17.4	0.15	K118R	29.619	157.799	122.508	6.300	0.18141	2.18932	6	X
K04N06E	17.8	0.15	K118R	48.666	131.389	165.461	3.160	0.23162	2.23715	7	X
K04O10R	16.3	0.15	K118R	21.410	302.027	355.255	24.261	0.34262	2.31274	3	X
K04P06U	17.2	0.15	K118R	350.229	143.991	164.678	8.890	0.09849	2.36241	5	X
K04P55E	16.0	0.15	K118R	320.909	249.671	137.015	24.869	0.26506	2.31730	4	X
K04PA2A	16.7	0.15	K118R	2.511	105.137	241.011	1.642	0.23713	2.33389	5	X
K04Q24F	16.8	0.15	K118R	329.444	99.676	260.354	20.656	0.32507	2.36017	3	X
K04R30W	17.4	0.15	K118R	340.884	220.523	159.136	5.134	0.14987	2.27192	5	X
K04R57X	17.5	0.15	K118R	326.465	162.474	208.661	4.956	0.19297	2.33423	5	X
K04R58G	16.9	0.15	K118R	313.928	219.001	158.730	7.716	0.23970	2.36619	6	X
K04R63P	17.7	0.15	K118R	14.232	185.379	163.311	2.785	0.22486	2.27068	7	X
K04R72B	18.0	0.15	K118R	24.809	126.064	199.507	2.257	0.26128	2.27351	3	X
K04R83N	17.6	0.15	K118R	301.611	262.791	138.014	2.589	0.21057	2.35095	5	X
K04R84P	17.1	0.15	K118R	338.874	124.351	223.064	6.532	0.14083	2.34379	4	X
K04R89J	17.0	0.15	K118R	318.666	149.595	188.564	11.256	0.26333	2.38409	3	X
K04RA3X	17.1	0.15	K118R	18.055	108.133	230.039	5.127	0.21895	2.28149	5	X
K04RD0E	17.5	0.15	K118R	175.718	337.941	165.107	7.233	0.12452	2.37147	6	X
K04RE2Z	17.0	0.15	K118R	280.946	212.576	171.974	8.117	0.08542	2.41906	4	X
K04RF5J	17.0	0.15	K118R	358.413	79.706	289.326	4.466	0.18551	2.27671	6	X
K04RF6F	17.7	0.15	K118R	352.560	149.400	230.652	3.884	0.21649	2.27319	4	X
K04RF8P	17.7	0.15	K118R	333.777	148.733	205.139	6.533	0.12971	2.34981	3	X

K04RH5P	17.6	0.15	K118R	333.588	146.846	213.813	6.820	0.20373	2.33134	2 S
K04RI0G	17.0	0.15	K118R	10.756	16.570	322.451	6.069	0.12999	2.29393	3 X
K04RJ2M	16.6	0.15	K118R	10.977	134.296	220.253	3.882	0.17971	2.28068	7 X
K04RJ4K	16.3	0.15	K118R	9.196	6.034	328.878	4.152	0.17264	2.31904	7 X
K04RJ5G	16.2	0.15	K118R	19.702	346.006	339.028	5.550	0.17731	2.31768	5 X
K04RL8A	17.0	0.15	K118R	338.627	77.844	283.899	8.882	0.24360	2.34788	3 X
K04RP0X	17.0	0.15	K118R	344.265	269.843	109.284	1.407	0.21996	2.31295	6 X
K04RV9J	17.6	0.15	K118R	347.175	68.390	320.228	6.903	0.19919	2.26965	4 X
K04RW5E	17.1	0.15	K118R	348.409	34.886	308.951	4.133	0.25346	2.36438	4 X
K04S31S	14.9	0.15	K118R	288.008	174.953	237.925	1.666	0.22523	3.94458	5 X
K04T46D	16.0	0.15	K118R	323.373	97.642	213.331	13.280	0.00415	2.55807	3 X
K04T90W	17.6	0.15	K118R	284.439	150.791	264.049	1.646	0.19267	2.40055	3 X
K04TC4E	17.1	0.15	K118R	262.628	207.480	205.237	6.511	0.09421	2.41500	6 X
K04TD6Z	16.7	0.15	K118R	0.717	65.675	272.567	5.834	0.13768	2.36769	6 X
K04TJ6P	17.6	0.15	K118R	10.009	149.540	204.171	3.410	0.19533	2.30169	4 X
K04TK3L	16.7	0.15	K118R	79.262	339.248	230.166	14.233	0.06770	2.27293	4 X
K04V76D	17.2	0.15	K118R	4.901	120.488	243.199	6.010	0.18816	2.29819	3 X
K04W00M	17.3	0.15	K118R	335.835	218.099	182.965	4.846	0.13649	2.32509	5 X
K04X06H	16.9	0.15	K118R	318.464	167.750	258.238	1.612	0.17239	2.35809	6 X
K04X28H	17.4	0.15	K118R	320.658	137.084	290.926	4.236	0.19815	2.35318	4 X
K04Y31S	16.0	0.15	K118R	279.733	168.943	219.303	14.281	0.12690	2.52234	6 X
K05A06L	15.8	0.15	K118R	152.272	358.268	122.628	16.045	0.12147	2.76864	6 X
K05A68Y	16.1	0.15	K118R	163.910	24.428	124.860	15.682	0.07834	2.70936	3 X
K05B04W	15.6	0.15	K118R	236.679	153.069	294.044	21.463	0.03146	2.59704	2 S
K05B24V	16.6	0.15	K118R	217.899	161.971	300.623	8.978	0.05276	2.62249	4 X
K05B37D	17.3	0.15	K118R	13.049	355.352	307.103	3.496	0.06067	2.64812	5 X
K05C02J	16.1	0.15	K118R	274.981	284.737	124.101	11.470	0.05172	2.63644	5 X
K05C61S	17.1	0.15	K118R	352.066	188.324	145.600	24.552	0.07405	1.89475	6 X
K05C79R	16.4	0.15	K118R	265.274	259.132	155.189	9.604	0.15719	2.64828	8 X
K05E80D	15.4	0.15	K118R	22.134	96.802	139.649	14.105	0.20665	3.13877	3 X
K05EH4X	16.5	0.15	K118R	194.501	297.803	187.504	4.928	0.06008	2.71047	6 X
K05EI2L	17.5	0.15	K118R	243.188	303.660	182.158	21.643	0.03542	1.86835	6 X
K05GB4Y	15.6	0.15	K118R	11.176	43.613	211.894	11.201	0.03675	3.13540	6 X
K05J24H	15.9	0.15	K118R	252.021	169.418	213.572	8.692	0.07807	3.16320	6 X
K05J64S	16.4	0.15	K118R	287.211	176.395	200.543	9.879	0.07345	3.00386	8 X
K05J69E	15.9	0.15	K118R	339.295	183.956	138.010	18.663	0.18268	3.18278	5 X
K05JB7S	16.2	0.15	K118R	20.511	129.141	212.781	14.394	0.16437	2.86952	5 X
K05K07H	15.7	0.15	K118R	52.357	93.965	125.404	16.899	0.09052	3.22665	5 X
K05L14P	15.8	0.15	K118R	356.309	78.421	194.894	11.580	0.08091	3.23081	4 X
K05L28L	15.4	0.15	K118R	353.677	201.369	123.799	18.758	0.14392	3.24108	4 X
K05L37Q	16.0	0.15	K118R	34.690	45.299	212.787	12.799	0.05166	3.12789	7 X
K05M21U	16.6	0.15	K118R	16.997	140.976	187.856	0.441	0.16983	3.16548	7 X
K05M32K	15.3	0.15	K118R	19.477	314.752	12.540	7.965	0.21013	3.14667	8 X
K05N11S	15.1	0.15	K118R	353.470	231.094	89.154	17.271	0.18664	3.14722	7 X
K05N21M	15.5	0.15	K118R	347.286	83.578	272.518	7.523	0.12395	3.18326	6 X
K05N58F	15.5	0.15	K118R	10.269	83.113	271.518	8.466	0.11152	3.04809	5 X
K05N85Q	15.5	0.15	K118R	356.121	25.725	293.672	9.341	0.03351	3.24078	7 X
K05O01U	20.1	0.15	K118R	242.749	204.807	309.755	12.523	0.31984	0.97568	4 X
K05P01K	16.3	0.15	K118R	15.554	16.254	327.529	13.737	0.18943	3.14881	4 X
K05P12G	16.7	0.15	K118R	21.565	355.415	336.160	7.721	0.26783	3.17569	3 X
K05Q06M	15.7	0.15	K118R	76.262	281.158	340.784	20.735	0.26314	3.15858	4 X
K05Q16R	15.6	0.15	K118R	90.116	255.705	353.833	24.908	0.25833	3.19644	6 X
K05Q70J	17.6	0.15	K118R	327.066	150.506	146.194	5.758	0.18941	2.21238	4 X
K05QG7N	15.7	0.15	K118R	38.228	56.898	277.242	21.040	0.12303	3.05800	3 X
K05QH2E	15.3	0.15	K118R	57.864	101.441	194.141	11.970	0.16194	3.24349	4 X
K05QH4E	15.8	0.15	K118R	21.862	97.565	245.048	3.397	0.16462	3.17817	6 X
K05R07G	15.4	0.15	K118R	18.111	102.722	240.800	5.105	0.15407	3.21156	6 X
K05R50L	15.4	0.15	K118R	25.415	132.423	205.675	10.246	0.12148	3.15627	5 X
K05SQ3Q	16.9	0.15	K118R	91.895	349.965	189.294	7.102	0.03856	2.30638	4 X
K05U77D	17.4	0.15	K118R	318.562	73.073	300.264	3.209	0.13264	2.17925	4 X
K05UB2S	17.7	0.15	K118R	76.851	286.626	307.014	2.262	0.07448	2.25912	6 X
K05Uk4V	17.5	0.15	K118R	102.063	75.190	129.561	3.451	0.09585	2.23578	6 X
K05U10F	14.6	0.15	K118R	47.830	342.363	272.307	7.244	0.17729	3.97427	6 X
K05U18Q	17.8	0.15	K118R	87.868	91.942	113.117	2.894	0.22452	2.33355	5 X
K05V54V	17.3	0.15	K118R	43.027	39.993	205.714	8.415	0.11255	2.29018	3 X
K05V73C	17.5	0.15	K118R	286.475	201.808	205.237	4.848	0.11121	2.20531	7 X
K05W71X	16.7	0.15	K118R	194.662	228.506	244.634	6.561	0.20766	2.32044	7 X
K05W83P	17.3	0.15	K118R	213.188	184.881	281.082	4.258	0.03073	2.37404	7 X
K05W86H	17.9	0.15	K118R	225.449	203.785	240.628	6.534	0.06240	2.27576	5 X
K05WF2T	17.8	0.15	K118R	43.860	8.325	304.734	1.442	0.13397	2.13880	9 X
K05WH3A	17.7	0.15	K118R	340.770	232.348	77.184	9.122	0.15934	2.28450	5 X
K05X02T	17.1	0.15	K118R	308.769	88.714	296.280	5.360	0.13495	2.20121	5 X
K05YE3Z	17.0	0.15	K118R	56.100	324.272	324.636	5.107	0.22533	2.32091	5 X
K05YG1Z	17.0	0.15	K118R	235.491	188.857	263.049	6.066	0.05927	2.30824	6 X
K06B16T	17.3	0.15	K118R	63.433	336.777	263.253	1.245	0.13862	2.45832	3 X
K06B45E	17.1	0.15	K118R	48.301	342.568	327.870	7.243	0.12330	2.33348	4 X
K06B96Z	16.4	0.15	K118R	8.626	176.491	158.063	10.232	0.22181	2.41320	6 X

K06BA8F	17.3	0.15	K118R	69.442	299.460	331.338	6.530	0.10306	2.34809	6	X
K06BF7X	16.6	0.15	K118R	303.144	195.455	148.938	8.580	0.13420	2.55700	6	X
K06BROP	17.0	0.15	K118R	187.776	257.126	234.685	4.870	0.09156	2.40833	5	X
K06C08D	16.9	0.15	K118R	349.604	145.930	163.185	10.684	0.16094	2.53521	5	X
K06C65X	17.2	0.15	K118R	51.919	129.001	164.559	5.176	0.23399	2.42008	4	X
K06D26W	16.3	0.15	K118R	314.830	180.676	163.077	9.607	0.06553	2.54392	6	X
K06D71G	16.3	0.15	K118R	79.095	25.161	164.291	14.974	0.01877	2.63602	6	X
K06D71M	16.5	0.15	K118R	13.409	167.011	156.177	7.931	0.17549	2.43310	8	X
K06D73Z	17.6	0.15	K118R	111.039	46.976	146.944	1.552	0.10999	2.52342	6	X
K06D80E	16.8	0.15	K118R	36.041	327.800	342.746	10.645	0.27286	2.44662	4	X
K06DD9P	17.7	0.15	K118R	60.285	89.861	149.072	3.357	0.16332	2.55820	5	X
K06DH4S	16.7	0.15	K118R	61.194	60.362	158.854	9.601	0.10345	2.63886	7	X
K06DK0G	16.2	0.15	K118R	37.326	312.174	324.963	14.896	0.29321	2.63848	6	X
K06DK6J	16.8	0.15	K118R	13.249	101.706	186.804	4.660	0.19767	2.61567	6	X
K06E25W	17.2	0.15	K118R	6.262	128.357	159.947	8.070	0.18695	2.57651	6	X
K06H01Y	16.1	0.15	K118R	40.800	63.979	174.289	9.516	0.12927	2.75191	6	X
K06H09D	16.9	0.15	K118R	97.693	349.041	213.876	5.657	0.15848	2.58717	6	X
K06H17X	15.6	0.15	K118R	15.774	52.888	240.475	12.278	0.24504	2.69514	7	X
K06H26E	16.4	0.15	K118R	233.000	260.006	197.116	5.225	0.09882	2.54638	7	X
K06H29M	16.8	0.15	K118R	38.754	105.857	177.646	9.083	0.40807	2.74639	4	X
K06H33Y	16.8	0.15	K118R	122.348	313.389	211.002	12.346	0.08914	2.67650	5	X
K06H46W	17.2	0.15	K118R	88.304	143.151	93.195	3.855	0.09288	2.56995	4	X
K06H53V	16.0	0.15	K118R	39.391	53.809	197.287	11.493	0.10364	2.73286	6	X
K06H67M	17.0	0.15	K118R	35.070	98.546	215.380	11.295	0.21571	2.58559	6	X
K06H69L	16.7	0.15	K118R	36.876	117.800	196.936	2.740	0.19760	2.58893	5	X
K06H79T	16.3	0.15	K118R	338.701	77.361	219.308	9.157	0.05616	2.83070	6	X
K06H79V	16.8	0.15	K118R	40.234	57.039	218.315	4.985	0.07931	2.65757	5	X
K06H85V	16.8	0.15	K118R	105.376	342.848	196.435	11.367	0.11011	2.68066	4	X
K06H93W	16.4	0.15	K118R	344.465	222.932	117.551	12.055	0.19070	2.69129	7	X
K06HF1Y	16.8	0.15	K118R	38.405	146.517	124.095	5.922	0.13196	2.70755	5	X
K06J27J	17.1	0.15	K118R	273.332	184.391	234.329	5.802	0.11764	2.56390	7	X
K06K18B	16.4	0.15	K118R	182.387	301.388	161.906	12.194	0.15841	2.65435	4	X
K06K35N	16.6	0.15	K118R	1.203	198.972	151.757	14.079	0.17163	2.61095	6	X
K06K53J	17.8	0.15	K118R	62.281	40.065	186.626	5.094	0.14963	2.77007	4	X
K06M10J	18.7	0.15	K118R	336.952	272.535	106.175	39.287	0.58611	1.87578	3	X
K06O06Z	15.6	0.15	K118R	354.230	168.293	143.287	13.080	0.12152	3.06616	5	X
K06O14F	15.6	0.15	K118R	283.128	275.535	131.150	16.501	0.25925	3.08842	5	X
K06Q32E	16.3	0.15	K118R	347.298	85.834	303.796	6.230	0.23668	2.79356	4	X
K06Q60R	16.0	0.15	K118R	9.161	168.558	139.536	16.276	0.12834	2.96733	4	X
K06QA4J	15.7	0.15	K118R	135.912	26.605	157.254	10.631	0.00500	3.11305	8	X
K06QD4U	15.3	0.15	K118R	320.812	81.883	281.806	8.415	0.06480	3.02598	7	X
K06R09Z	15.8	0.15	K118R	25.592	48.731	288.380	4.992	0.06834	2.86885	6	X
K06R24L	16.1	0.15	K118R	171.721	245.431	259.975	7.712	0.06825	3.02736	6	X
K06R30D	16.6	0.15	K118R	310.552	144.219	206.470	10.268	0.13209	3.13616	5	X
K06R41G	15.5	0.15	K118R	21.343	264.721	4.329	25.189	0.24863	3.12278	4	X
K06R60N	16.2	0.15	K118R	345.062	162.579	172.848	10.300	0.06406	3.07459	6	X
K06R67Y	16.3	0.15	K118R	11.278	42.592	298.691	1.333	0.07529	2.90360	8	X
K06R81V	17.0	0.15	K118R	309.545	221.532	165.068	1.754	0.17759	3.09482	4	X
K06S06F	19.9	0.15	K118R	308.931	305.611	228.134	5.866	0.28050	0.94920	3	X
K06S53W	16.0	0.15	K118R	326.461	122.295	230.041	15.764	0.31642	3.09595	4	X
K06S67U	16.5	0.15	K118R	330.019	84.140	272.815	1.665	0.12369	3.05068	7	X
K06S78A	15.9	0.15	K118R	19.888	135.442	160.153	11.006	0.09367	3.19161	4	X
K06S86X	16.4	0.15	K118R	356.699	154.473	167.096	1.096	0.14323	3.16740	4	X
K06SE5Y	16.3	0.15	K118R	27.657	303.786	336.890	0.180	0.13106	3.19656	6	X
K06SF5Q	15.4	0.15	K118R	306.577	203.068	149.771	13.585	0.07094	3.21450	6	X
K06SI3Z	16.2	0.15	K118R	307.508	256.930	139.778	1.931	0.25501	3.12606	4	X
K06SL4L	16.7	0.15	K118R	12.753	189.791	147.934	2.512	0.12859	2.94719	7	X
K06SS9T	14.9	0.15	K118R	4.782	262.979	44.999	26.304	0.21340	3.13042	3	X
K06ST0A	15.0	0.15	K118R	338.025	222.410	142.534	28.458	0.12748	3.05506	4	X
K06ST4Q	16.3	0.15	K118R	332.978	132.934	196.780	10.348	0.19414	3.20772	4	X
K06SY9D	15.6	0.15	K118R	339.572	244.774	122.273	19.599	0.36183	3.07248	4	X
K06SZ1L	15.9	0.15	K118R	335.475	217.198	134.050	5.426	0.13581	3.09849	6	X
K06Sd2R	16.2	0.15	K118R	86.223	21.590	253.842	7.725	0.05229	3.00076	4	X
K06Sd6W	16.9	0.15	K118R	344.891	159.770	179.463	0.809	0.16897	3.14515	4	X
K06T07U	21.9	0.15	K118R	335.839	68.654	91.893	2.912	0.47012	0.85084	2	X
K06T70D	14.9	0.15	K118R	291.162	163.196	238.735	15.427	0.07967	3.22448	5	X
K06T80O	16.6	0.15	K118R	8.447	84.789	272.647	5.376	0.17142	2.97489	3	X
K06U54A	16.2	0.15	K118R	24.645	116.719	224.620	8.773	0.09596	3.07690	5	X
K06UA1X	16.4	0.15	K118R	37.401	135.805	194.178	10.288	0.04869	3.02370	5	X
K06UI9A	16.4	0.15	K118R	358.667	43.815	328.741	9.065	0.11954	2.93142	5	X
K06UK4F	15.8	0.15	K118R	48.105	9.119	302.936	9.417	0.10156	3.01801	4	X
K06UM1A	16.9	0.15	K118R	331.670	115.898	264.254	4.889	0.34435	3.04717	3	X
K06UN0C	15.8	0.15	K118R	347.440	215.959	119.248	5.788	0.12615	3.15896	4	X
K06US5H	16.0	0.15	K118R	339.687	194.175	202.225	3.290	0.13108	3.02931	7	X
K06WB1E	16.1	0.15	K118R	13.027	123.049	226.942	4.201	0.16717	3.12723	6	X
K06X43J	15.2	0.15	K118R	13.518	97.431	254.873	8.227	0.08280	3.17730	8	X
K06X51K	16.3	0.15	K118R	326.392	111.439	310.170	10.749	0.23506	3.14833	4	X

K07C60Q	17.1	0.15	K118R	215.768	163.651	354.290	18.390	0.06969	1.99155	4	X
K07D33F	17.6	0.15	K118R	11.016	143.444	152.643	5.684	0.13668	2.22582	4	X
K07DB6Z	16.0	0.15	K118R	43.586	88.622	8.176	25.306	0.35888	2.66300	4	X
K07E45U	17.6	0.15	K118R	81.702	7.796	184.004	9.903	0.12691	2.35714	4	X
K07E72S	18.1	0.15	K118R	56.097	81.534	171.688	4.418	0.11905	2.24787	4	X
K07EF5R	17.5	0.15	K118R	45.226	5.506	234.274	4.678	0.24282	2.37795	5	X
K07EJ1E	17.4	0.15	K118R	218.282	229.946	188.962	6.918	0.04926	2.33322	6	X
K07G08E	17.7	0.15	K118R	358.743	116.741	196.894	4.121	0.17425	2.28138	4	X
K07H27V	17.3	0.15	K118R	45.203	40.668	205.651	5.478	0.17886	2.40019	6	X
K07H87K	16.3	0.15	K118R	298.254	224.460	68.383	9.274	0.09360	2.69374	4	X
K07J16H	18.1	0.15	K118R	9.979	200.426	115.153	29.173	0.12023	1.54417	4	X
K07J17B	18.2	0.15	K118R	78.778	62.870	155.521	2.542	0.16848	2.36120	5	X
K07L14R	17.3	0.15	K118R	346.113	222.027	125.631	3.241	0.24609	2.36491	4	X
K07L18L	16.3	0.15	K118R	339.773	244.471	103.161	11.533	0.18429	2.48349	3	X
K07L34E	17.4	0.15	K118R	332.810	162.274	170.628	13.599	0.21292	2.45931	2	S
K07L37Y	16.4	0.15	K118R	31.188	200.356	67.816	10.756	0.23846	2.51124	5	X
K07M08Z	16.6	0.15	K118R	34.671	108.296	157.311	7.431	0.10871	2.40354	3	X
K07M23L	17.9	0.15	K118R	31.101	110.375	196.651	0.682	0.18825	2.40526	5	X
K07N01A	16.8	0.15	K118R	22.744	44.885	242.295	7.303	0.21424	2.52598	5	X
K07N06W	16.0	0.15	K118R	313.332	241.763	102.948	17.620	0.24573	2.66600	8	X
K07O01B	15.7	0.15	K118R	348.718	42.671	308.659	14.082	0.15401	2.47094	4	X
K07O05S	16.6	0.15	K118R	26.263	347.732	345.902	6.312	0.13170	2.39342	6	X
K07P06V	17.0	0.15	K118R	39.789	145.760	149.554	2.837	0.19705	2.43352	5	X
K07P10C	16.2	0.15	K118R	10.050	164.378	138.433	15.915	0.23287	2.54842	3	X
K07P11P	17.2	0.15	K118R	24.356	347.082	343.459	7.963	0.21861	2.41638	5	X
K07P18N	16.8	0.15	K118R	346.667	77.211	306.814	6.687	0.11797	2.37412	5	X
K07P19M	17.4	0.15	K118R	18.600	27.393	314.549	5.378	0.14919	2.40497	4	X
K07P31C	16.3	0.15	K118R	359.992	180.853	154.319	7.628	0.17892	2.47517	6	X
K07P34U	16.3	0.15	K118R	317.900	193.841	152.098	9.637	0.29114	2.69409	7	X
K07P37P	16.8	0.15	K118R	321.316	201.583	164.286	11.747	0.28472	2.62138	5	X
K07P40J	16.5	0.15	K118R	26.932	34.890	300.172	5.246	0.15278	2.40057	6	X
K07P41B	16.7	0.15	K118R	352.529	97.956	278.680	5.727	0.14960	2.39570	5	X
K07P43L	16.7	0.15	K118R	293.718	241.572	161.888	12.613	0.18005	2.63491	5	X
K07P49K	16.9	0.15	K118R	359.285	125.192	195.910	0.200	0.12988	2.52717	6	X
K07P50K	17.7	0.15	K118R	354.930	37.577	338.472	2.016	0.21799	2.41491	4	X
K07Q04L	16.9	0.15	K118R	0.879	163.356	205.522	9.239	0.29052	2.42167	4	X
K07Q05X	17.0	0.15	K118R	62.633	102.604	191.821	4.478	0.10147	2.38448	5	X
K07R10A	16.8	0.15	K118R	326.764	172.484	182.816	8.056	0.26843	2.66269	4	X
K07R18A	17.3	0.15	K118R	348.587	157.668	233.291	2.655	0.24512	2.43549	4	X
K07R34M	17.4	0.15	K118R	326.932	173.571	181.745	5.078	0.19516	2.62920	5	X
K07R37Q	15.9	0.15	K118R	212.095	264.699	155.001	5.884	0.13648	3.11053	6	X
K07R39N	17.7	0.15	K118R	329.132	226.562	141.826	3.741	0.24381	2.59463	3	X
K07R41B	17.0	0.15	K118R	342.759	201.297	149.250	13.895	0.20611	2.57253	2	S
K07R44V	17.4	0.15	K118R	353.627	92.069	239.774	4.200	0.18461	2.61253	2	S
K07R45D	17.3	0.15	K118R	29.765	96.771	231.928	4.041	0.19138	2.44763	4	X
K07R45S	16.6	0.15	K118R	1.117	111.673	206.065	6.518	0.19229	2.62545	6	X
K07RB2T	17.3	0.15	K118R	282.597	247.144	160.173	2.609	0.11200	2.71421	5	X
K07RE8Z	16.6	0.15	K118R	272.227	197.644	202.514	9.358	0.17536	2.77888	5	X
K07RH0W	16.8	0.15	K118R	37.256	107.646	152.418	7.663	0.13424	2.69349	6	X
K07RH4Q	16.3	0.15	K118R	284.473	198.051	167.917	11.833	0.08071	2.94129	4	X
K07RI7V	15.9	0.15	K118R	29.715	24.305	257.607	11.727	0.16774	2.62128	4	X
K07RJ8V	16.3	0.15	K118R	16.356	42.291	250.077	11.769	0.30271	2.59808	3	X
K07RN3M	16.0	0.15	K118R	263.751	239.853	157.044	13.113	0.14114	2.87882	4	X
K07RO4F	16.3	0.15	K118R	334.906	244.784	135.919	6.132	0.27570	2.62880	7	X
K07RP7R	17.5	0.15	K118R	8.837	105.999	160.270	9.876	0.27303	2.73194	4	X
K07RQ5R	17.4	0.15	K118R	342.173	150.871	182.056	7.115	0.15462	2.65939	2	S
K07RV6B	15.5	0.15	K118R	218.683	261.839	165.038	11.506	0.10171	2.97239	7	X
K07T03D	16.9	0.15	K118R	87.886	307.584	272.405	1.394	0.06978	2.91829	7	X
K07T04E	16.0	0.15	K118R	344.267	259.052	78.922	13.657	0.18017	2.78033	5	X
K07T14Q	16.2	0.15	K118R	326.870	100.931	223.398	13.917	0.20185	2.81059	5	X
K07T18Q	17.4	0.15	K118R	315.881	156.720	252.653	0.894	0.13732	2.60206	6	X
K07T49W	15.5	0.15	K118R	305.449	119.399	215.122	11.322	0.11227	3.05913	4	X
K07T55Q	16.4	0.15	K118R	9.608	6.416	299.530	0.984	0.05423	2.86039	6	X
K07T66D	21.8	0.15	K118R	196.573	1.309	205.193	14.880	0.31047	0.96662	3	X
K07T71B	16.4	0.15	K118R	243.725	186.955	239.972	8.502	0.07895	3.07305	4	X
K07T86C	16.7	0.15	K118R	44.159	142.581	163.016	3.647	0.21145	2.56453	5	X
K07TB4S	16.9	0.15	K118R	331.800	144.649	231.638	4.868	0.30091	2.62968	3	X
K07TC9A	17.4	0.15	K118R	353.912	137.185	227.175	1.266	0.19127	2.60430	3	X
K07TD6A	16.0	0.15	K118R	1.147	16.679	301.302	13.698	0.16711	2.64648	5	X
K07TD6Z	16.5	0.15	K118R	341.298	53.867	291.646	11.572	0.22790	2.65179	3	X
K07TF5K	16.5	0.15	K118R	11.174	34.394	295.036	3.619	0.25981	2.56769	6	X
K07TH4P	15.6	0.15	K118R	134.430	297.439	191.018	24.312	0.07620	3.23702	5	X
K07TI4P	16.0	0.15	K118R	357.762	214.154	135.952	6.169	0.34348	2.58917	7	X
K07TK7Y	15.2	0.15	K118R	326.040	227.161	57.211	18.365	0.22204	3.10794	4	X
K07TL4R	17.2	0.15	K118R	19.406	170.018	168.391	6.770	0.23990	2.54390	6	X
K07TM2D	17.5	0.15	K118R	24.195	238.693	78.164	1.651	0.19622	2.58179	4	X
K07TS3P	16.6	0.15	K118R	343.124	127.488	194.886	11.643	0.18341	2.77540	4	X

K07TW8D	16.8	0.15	K118R	20.142	18.490	253.956	7.544	0.28746	2.86853	3 X
K07TX5D	15.9	0.15	K118R	271.468	336.177	44.999	9.775	0.09749	3.13167	3 X
K07Ta0M	16.2	0.15	K118R	55.810	101.130	203.593	14.209	0.05409	2.68125	5 X
K07Tc8F	16.3	0.15	K118R	343.630	159.991	177.773	6.395	0.02958	2.73071	6 X
K07Tf1O	16.3	0.15	K118R	30.776	344.276	346.205	15.178	0.11748	2.55025	3 X
K07Tf1Z	16.0	0.15	K118R	346.913	58.677	267.889	13.361	0.17570	2.69309	4 X
K07Tf4B	15.9	0.15	K118R	268.972	245.162	146.926	12.501	0.07040	2.91583	5 X
K07U01Y	22.9	0.15	K118R	171.670	273.476	337.875	1.021	0.17495	0.95072	2 X
K07U12S	22.1	0.15	K118R	244.645	44.556	211.177	8.807	0.51467	0.90603	2 X
K07U36E	17.4	0.15	K118R	6.616	210.773	132.413	3.685	0.16375	2.54422	6 X
K07U36W	16.7	0.15	K118R	8.479	158.171	167.885	9.212	0.15988	2.63461	4 X
K07U46R	16.4	0.15	K118R	317.440	175.460	206.089	7.957	0.20280	2.75031	5 X
K07U58S	17.5	0.15	K118R	27.389	89.834	230.121	4.568	0.27899	2.56352	4 X
K07UA5P	16.1	0.15	K118R	338.285	190.064	210.655	7.289	0.19011	2.61217	6 X
K07UB6H	15.4	0.15	K118R	261.915	352.067	67.612	11.701	0.09328	2.98940	6 X
K07V04T	16.2	0.15	K118R	304.797	133.193	268.207	10.062	0.24439	2.75254	4 X
K07V84C	16.5	0.15	K118R	3.158	11.829	351.489	2.904	0.27185	2.57178	4 X
K07V95R	16.0	0.15	K118R	298.467	128.480	265.614	13.913	0.15042	2.87011	3 X
K07VF6A	16.7	0.15	K118R	86.794	300.810	324.003	3.469	0.02426	2.74552	5 X
K07VK8N	15.5	0.15	K118R	317.722	201.201	131.384	14.058	0.10803	3.03441	6 X
K07VL1V	16.0	0.15	K118R	172.508	286.179	214.934	7.984	0.02881	3.05959	4 X
K07VL7F	16.5	0.15	K118R	354.332	35.685	287.671	1.132	0.08084	2.99001	7 X
K07VO4H	15.8	0.15	K118R	162.654	264.064	249.156	7.569	0.04858	3.00224	6 X
K07VP3J	15.2	0.15	K118R	208.320	199.181	260.208	10.469	0.10912	3.08706	4 X
K07VQ7V	15.5	0.15	K118R	248.638	144.078	293.450	9.423	0.12048	2.96836	4 X
K07VT4Z	16.2	0.15	K118R	285.699	165.686	210.876	9.159	0.09636	3.04159	4 X
K07W19D	15.7	0.15	K118R	59.049	24.237	225.987	7.623	0.08448	3.16340	5 X
K07W61J	16.2	0.15	K118R	337.268	60.407	335.844	8.344	0.07158	2.64229	6 X
K07W63O	15.9	0.15	K118R	330.430	87.010	276.811	16.006	0.20630	2.77290	4 X
K07X13J	15.5	0.15	K118R	287.487	135.300	268.941	9.022	0.10570	2.98904	6 X
K07X17T	16.5	0.15	K118R	327.441	114.486	287.822	4.843	0.03970	2.74002	5 X
K07Y47U	15.2	0.15	K118R	227.863	213.436	245.733	7.816	0.05343	3.10256	6 X
K08A00E	19.8	0.15	K118R	153.790	26.865	132.179	11.571	0.13083	1.27611	3 X
K08A01H	15.6	0.15	K118R	308.590	171.650	204.247	9.020	0.08717	3.16183	6 X
K08B08G	15.8	0.15	K118R	300.491	284.486	125.289	22.342	0.28225	3.05034	4 X
K08B53W	15.9	0.15	K118R	323.090	246.585	176.460	23.349	0.20178	3.14066	3 X
K08C29C	15.6	0.15	K118R	254.581	149.813	327.743	9.687	0.03681	3.09340	6 X
K08EG0P	15.4	0.15	K118R	65.458	121.635	164.166	4.553	0.03101	3.85922	7 X
K08H56R	13.8	0.15	K118R	359.978	171.979	143.595	2.065	0.10388	5.18681	7 X
K08L16V	20.2	0.15	K118R	359.598	121.163	237.196	4.688	0.62448	2.08977	2 X
K08O01Z	17.4	0.15	K118R	20.371	108.661	159.786	7.215	0.13334	2.18008	5 X
K08R16Z	17.7	0.15	K118R	280.125	195.266	203.450	6.560	0.10610	2.25837	6 X
K08R21R	18.1	0.15	K118R	1.169	88.651	200.715	7.568	0.23507	2.25943	3 X
K08R95Q	18.0	0.15	K118R	306.437	199.218	173.544	6.490	0.11761	2.18827	6 X
K08SE7W	16.3	0.15	K118R	212.649	268.658	167.329	10.966	0.24401	2.64901	4 X
K08SF5W	16.8	0.15	K118R	334.360	309.304	43.807	8.967	0.17816	2.21159	6 X
K08SM6C	17.7	0.15	K118R	5.376	127.351	160.817	7.814	0.11457	2.32135	5 X
K08SN8P	18.1	0.15	K118R	0.204	275.787	45.212	7.788	0.23845	2.19577	3 X
K08SQ7Y	17.4	0.15	K118R	262.136	241.326	188.041	5.192	0.10943	2.35341	5 X
K08SQ9T	16.3	0.15	K118R	43.890	62.217	209.203	6.428	0.03711	2.44417	6 X
K08SQ9Z	17.5	0.15	K118R	352.217	101.688	236.418	5.472	0.16516	2.20007	6 X
K08T10R	20.5	0.15	K118R	12.553	35.657	256.506	5.390	0.46665	2.12019	2 X
K08TA1X	18.2	0.15	K118R	313.465	109.584	265.738	0.275	0.09951	2.24723	5 X
K08TC0Y	17.6	0.15	K118R	241.872	298.629	155.472	8.405	0.15815	2.29097	3 X
K08TC7J	18.0	0.15	K118R	53.629	340.716	311.038	4.006	0.06848	2.12328	4 X
K08TD1G	16.7	0.15	K118R	254.751	179.152	225.998	9.501	0.101251	2.43265	4 X
K08TD4L	17.0	0.15	K118R	31.446	33.756	234.799	5.650	0.10501	2.37838	4 X
K08TG6E	18.3	0.15	K118R	329.279	214.004	150.426	2.696	0.18867	2.24188	5 X
K08U84R	17.5	0.15	K118R	280.152	180.601	240.481	4.710	0.15999	2.27327	5 X
K08UB7W	17.1	0.15	K118R	293.684	133.665	263.171	4.727	0.06791	2.31782	6 X
K08UE7O	17.4	0.15	K118R	339.557	95.417	241.161	5.974	0.14382	2.35628	4 X
K08UQ2Z	14.9	0.15	K118R	59.602	311.375	249.586	27.082	0.20459	3.19591	4 X
K08UX5S	17.3	0.15	K118R	127.279	339.653	206.065	6.468	0.05707	2.43013	5 X
K08UY2D	17.0	0.15	K118R	34.659	343.051	291.931	7.754	0.10704	2.31253	5 X
K08Ua8O	15.8	0.15	K118R	254.195	168.082	258.138	10.821	0.16907	2.61498	5 X
K08V02K	17.1	0.15	K118R	356.355	83.003	253.850	5.554	0.29786	2.18690	3 X
K08V59P	17.4	0.15	K118R	303.622	154.126	221.010	6.062	0.11510	2.36080	5 X
K08V64N	16.8	0.15	K118R	272.445	137.416	285.045	5.110	0.16921	2.39777	5 X
K08W70K	17.0	0.15	K118R	213.414	234.823	230.329	1.469	0.04647	2.55484	6 X
K08Y21A	16.1	0.15	K118R	347.878	40.239	293.217	3.564	0.07081	2.77519	5 X
K08Y29X	17.1	0.15	K118R	268.217	146.605	313.081	3.074	0.12691	2.39756	4 X
K08Y35T	17.0	0.15	K118R	290.028	298.156	105.914	8.977	0.12093	2.59043	4 X
K08Y41Q	17.9	0.15	K118R	335.674	122.683	229.370	5.361	0.11015	2.38202	4 X
K08YD4F	17.1	0.15	K118R	76.910	14.023	263.564	5.480	0.09839	2.27867	7 X
K08YF2M	15.4	0.15	K118R	25.272	326.213	310.110	9.034	0.17738	3.13427	4 X
K08YF3V	17.1	0.15	K118R	273.804	285.721	112.225	4.142	0.10532	2.79212	2 S
K08YG9U	15.5	0.15	K118R	128.801	52.902	132.998	10.860	0.01975	3.09553	3 X



K08YH2S	15.9	0.15	K118R	78.701	275.458	302.861	10.471	0.18171	3.14297	6	X
K09A01B	16.8	0.15	K118R	243.094	251.115	182.027	5.229	0.13939	2.53638	4	X
K09B09J	15.4	0.15	K118R	180.702	333.772	133.198	17.553	0.07650	3.14224	6	X
K09B14C	16.3	0.15	K118R	286.191	127.758	334.568	22.781	0.31196	2.34033	5	X
K09B17H	16.6	0.15	K118R	62.603	119.788	127.743	6.729	0.06895	2.91909	6	X
K09B42T	16.9	0.15	K118R	310.424	250.699	126.616	4.395	0.10617	2.78272	4	X
K09B72K	16.6	0.15	K118R	19.028	176.810	152.698	11.282	0.17488	2.57859	5	X
K09B81T	16.8	0.15	K118R	307.072	205.047	180.954	2.278	0.15711	2.52332	8	X
K09B94Z	15.6	0.15	K118R	346.071	180.078	142.273	12.081	0.08829	3.16792	2	S
K09B99W	15.6	0.15	K118R	105.012	82.726	124.206	10.959	0.03120	3.12262	4	X
K09BC3W	16.0	0.15	K118R	170.910	353.278	154.243	11.995	0.05813	3.07136	4	X
K09BF8F	16.7	0.15	K118R	273.409	266.964	150.291	9.771	0.22721	2.77214	4	X
K09BH4A	16.8	0.15	K118R	304.764	260.392	126.613	3.725	0.13456	2.69156	5	X
K09BJ0L	14.5	0.15	K118R	37.491	78.535	154.926	14.189	0.09510	3.96832	5	X
K09C05Q	17.6	0.15	K118R	335.705	118.216	278.711	18.683	0.09152	0.93271	3	X
K09C41U	16.0	0.15	K118R	319.727	206.687	140.241	14.875	0.04322	3.01836	4	X
K09C45B	17.1	0.15	K118R	259.368	200.524	15.021	19.034	0.06022	1.99290	2	S
K09C64P	15.2	0.15	K118R	86.681	41.863	181.463	10.311	0.04894	3.39621	4	X
K09D10V	17.1	0.15	K118R	313.351	88.662	291.429	10.831	0.11317	2.67694	5	X
K09D15Z	15.4	0.15	K118R	143.601	15.300	154.048	16.593	0.03952	3.18492	6	X
K09D27H	15.9	0.15	K118R	299.687	217.954	152.227	9.828	0.08206	3.16355	3	X
K09D45Q	16.4	0.15	K118R	294.814	90.449	339.223	13.999	0.10733	2.57043	5	X
K09F35Y	16.8	0.15	K118R	278.897	291.611	157.175	12.116	0.13120	2.66086	4	X
K09F75F	15.3	0.15	K118R	19.340	144.917	202.734	10.044	0.07124	3.20968	7	X
K09H62Z	13.2	0.15	K118R	342.096	157.711	161.967	12.592	0.04606	5.25628	6	X
K09WA4W	22.7	0.15	K118R	7.366	84.710	254.745	7.064	0.46202	1.52734	2	X
K09X02B	20.3	0.15	K118R	308.528	301.254	99.447	11.936	0.34499	1.67341	2	W
K10A27C	17.8	0.15	K118R	297.770	262.794	129.874	24.271	0.11578	1.92939	2	S
K10A66X	16.7	0.15	K118R	72.643	54.508	146.036	12.527	0.12020	2.88237	3	X
K10B03G	17.7	0.15	K118R	78.278	93.438	128.207	3.431	0.14803	2.41530	5	X
K10C07M	16.2	0.15	K118R	140.220	233.569	277.123	18.020	0.22388	3.01091	3	X
K10C59F	16.5	0.15	K118R	112.695	6.688	156.946	13.148	0.09884	2.64026	6	X
K10C59T	16.8	0.15	K118R	83.792	55.175	158.202	8.309	0.07312	2.45518	4	X
K10C78M	15.9	0.15	K118R	71.377	32.737	156.567	12.246	0.02656	3.11848	4	X
K10CF3P	17.1	0.15	K118R	74.210	282.341	353.690	9.852	0.16542	2.23854	4	X
K10D13P	15.7	0.15	K118R	317.661	250.127	118.855	4.438	0.11286	3.13493	7	X
K10D37H	17.7	0.15	K118R	60.269	110.449	130.224	3.059	0.14926	2.64833	6	X
K10E69H	15.9	0.15	K118R	172.940	291.900	172.249	11.918	0.11364	3.08699	5	X
K10E87O	16.9	0.15	K118R	226.824	274.154	180.722	1.611	0.07121	2.56921	6	X
K10EA8W	16.1	0.15	K118R	74.756	113.234	125.373	4.918	0.04846	2.78387	6	X
K10G25J	16.3	0.15	K118R	85.854	51.385	170.742	9.683	0.08227	3.10558	8	X
K10G96V	15.9	0.15	K118R	59.406	105.830	141.559	15.389	0.11379	2.85080	5	X
K10H53R	16.6	0.15	K118R	153.701	291.474	124.292	10.847	0.21924	3.15171	2	S
K10HA5M	15.6	0.15	K118R	9.567	180.107	143.182	10.378	0.27268	3.14964	7	X
K10J39R	15.3	0.15	K118R	19.093	32.497	266.663	15.188	0.03034	3.03773	5	X
K10O83L	16.2	0.15	K118R	40.040	110.921	172.653	11.139	0.18277	3.15686	5	X
K11E40Z	21.1	0.15	K118R	38.106	276.270	333.166	24.159	0.44222	1.72166	2	W
K11F60G	17.0	0.15	K118R	36.379	356.545	192.837	13.694	0.17825	2.64266	3	X
K11G62L	19.5	0.15	K118R	164.879	244.245	189.968	15.702	0.70697	1.14000	2	S
K11H00R	19.8	0.15	K118R	258.194	294.948	98.436	16.204	0.05187	1.31506	2	S
K11H55U	16.4	0.15	K118R	91.568	351.926	181.085	14.578	0.04434	2.56822	2	X
K11H74N	16.3	0.15	K118R	353.050	160.276	134.880	11.103	0.31298	2.76169	4	X
K11H74Q	15.3	0.15	K118R	266.472	219.768	146.749	14.401	0.10061	3.24500	9	X
K11J27C	17.0	0.15	K118R	10.037	159.767	109.964	13.617	0.26559	2.53287	2	X
K11K09N	18.8	0.15	K118R	2.105	98.684	218.697	19.284	0.48209	2.27181	2	S
K11K12V	16.1	0.15	K118R	349.489	105.893	181.520	17.156	0.17328	3.05335	4	X
K11K22O	17.6	0.15	K118R	13.036	110.834	148.345	12.678	0.24912	2.63685	2	X
K11L02E	17.0	0.15	K118R	332.059	173.422	142.352	5.999	0.15806	2.66591	4	S
K11M03B	16.6	0.15	K118R	353.266	172.853	120.479	5.442	0.21487	2.54136	4	S

## New perturbed one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K06SL7U	25.3	0.15	K118R	123.807	37.912	193.978	2.641	0.17441	0.98619	15	X
K11A05G	21.7	0.15	K118R	89.697	53.473	135.712	3.680	0.39049	1.43047	174	X
K11C02G	21.5	0.15	K118R	93.008	283.757	293.294	2.757	0.15857	1.17746	171	X
K11D09S	20.2	0.15	K118R	24.060	146.022	93.491	3.697	0.64743	2.61059	126	X
K11D19L	19.1	0.15	K118R	61.013	293.667	274.204	28.194	0.41250	1.60859	207	S
K11E78Z	17.2	0.15	K118R	12.529	179.541	109.991	17.838	0.53841	2.40001	108	X
K11G65Q	18.8	0.15	K118R	44.227	111.306	92.025	22.387	0.42996	2.18267	79	X
K11H07L	20.7	0.15	K118R	65.186	359.028	208.686	10.439	0.28921	1.64054	64	X
K11K17O	20.1	0.15	K118R	34.210	308.695	256.600	4.036	0.57646	2.40034	166	S
K11K17P	19.2	0.15	K118R	356.241	179.718	169.088	6.591	0.55164	1.95108	20	X
K11L19D	18.1	0.15	K118R	4.699	62.718	287.257	69.971	0.43010	1.95822	53	X
K11M00D	28.0	0.15	K118R	53.219	4.966	272.369	2.449	0.03789	1.05602	9	W
K11M00F	22.7	0.15	K118R	16.591	189.155	100.169	8.603	0.46602	2.10195	10	X
K11M00K	20.7	0.15	K118R	20.750	15.121	262.821	7.472	0.46229	2.10261	10	X
K11M00T	19.4	0.15	K118R	15.291	343.871	280.140	13.615	0.57813	3.07797	8	S

K11M01V	20.3	0.15	K118R	7.673	66.609	253.303	6.592	0.30615	1.79627	7	X
K11M01W	22.3	0.15	K118R	325.298	124.261	277.292	3.273	0.27568	1.05527	6	X
K11M02B	20.0	0.15	K118R	347.335	321.143	64.796	12.548	0.41426	1.04335	7	X
K11M02W	21.0	0.15	K118R	356.077	196.050	138.028	7.949	0.52547	2.29200	5	X
K11M02X	20.4	0.15	K118R	11.780	16.783	287.990	41.659	0.46906	2.34243	5	X
K11M03Q	24.8	0.15	K118R	98.939	301.082	274.095	5.681	0.11035	1.12272	3	X
K11M04N	21.7	0.15	K118R	9.325	40.104	247.539	8.316	0.47055	2.40605	3	S

## New one-opposition orbits:

Object	H	G	Epoch	M	Peri.	Node	Incl.	e	a	Arc	C
K01SZ5X	18.2	0.15	K019S	31.609	169.012	151.122	6.871	0.20937	2.24629	27	S
K01TQ1Y	18.7	0.15	K019S	30.334	280.311	45.791	8.277	0.17534	2.25923	16	S
K02O36J	17.4	0.15	K027P	3.793	281.381	16.303	5.529	0.24509	2.18280	45	S
K02O36K	15.2	0.15	K028E	11.631	317.434	342.478	16.353	0.19452	3.10161	32	S
K02PJ8G	16.4	0.15	K028E	36.925	220.463	56.498	4.124	0.13859	2.61063	8	S
K02QE7B	16.9	0.15	K028E	3.685	334.344	344.564	10.398	0.17138	2.96988	35	S
K02QE7K	18.4	0.15	K028E	348.124	6.626	342.772	8.964	0.25026	2.76882	24	S
K02QE7L	16.9	0.15	K028E	176.376	108.757	38.526	2.829	0.14044	2.47067	28	S
K02QE7O	18.7	0.15	K028E	345.809	222.028	126.113	4.632	0.25619	2.54858	54	S
K02QE7P	18.2	0.15	K028E	318.988	354.795	20.549	2.425	0.11960	2.22224	28	S
K02QE7R	18.5	0.15	K028E	24.312	269.432	18.842	2.587	0.19208	2.36880	28	S
K02QE7S	18.6	0.15	K028E	33.556	157.660	121.174	6.331	0.15787	2.33737	55	S
K02QE7U	16.8	0.15	K028E	7.006	220.541	95.940	4.752	0.08798	2.81005	36	S
K02QE7W	18.0	0.15	K028E	36.932	154.726	125.829	8.097	0.09798	2.40561	22	S
K02QE7X	16.6	0.15	K027P	348.693	210.591	124.073	10.598	0.08399	3.18713	38	S
K11H77B	16.5	0.15	K115J	309.811	136.283	176.412	11.250	0.17136	2.62369	64	X
K11K17J	17.0	0.15	K1168	356.224	83.194	183.804	14.506	0.24987	3.17604	35	X
K11K33J	17.9	0.15	K1168	345.004	145.681	126.911	8.762	0.19041	2.36764	40	S
K11K36P	9.4	0.15	K1168	352.904	180.548	173.499	18.983	0.87786	39.83556	41	S
K11K47U	15.9	0.15	K1168	294.310	253.817	99.214	29.813	0.32295	2.62192	38	X
K11L04Q	17.2	0.15	K1168	301.609	230.232	114.197	17.097	0.26571	2.43614	26	X
K11L09Q	18.0	0.15	K1168	343.190	154.775	126.751	7.074	0.22960	2.42793	31	X
K11L10W	17.3	0.15	K1168	283.611	138.873	254.050	18.755	0.10099	1.93021	25	X
K11M01N	16.3	0.15	K116S	339.343	81.496	242.311	13.350	0.14051	2.71634	7	X
K11M02N	16.5	0.15	K116S	335.517	174.158	153.024	15.224	0.02928	2.53031	6	X
K11M04M	9.4	0.15	K116S	314.904	165.201	278.533	99.197	0.42530	16.05545	7EX	
K11M04O	19.0	0.15	K116S	351.454	14.069	304.229	5.278	0.49946	2.30613	1	X

## New observations:

K02K03H	C2011	07	01.43911	01	45	28.65	+21	47	14.0	21.0	V <sub>o</sub> EN007291
K02K03H	C2011	07	01.44353	01	45	29.32	+21	47	17.3	20.7	V <sub>o</sub> EN007291
K02K03H	C2011	07	01.44762	01	45	29.91	+21	47	22.3	21.0	V <sub>o</sub> EN007291
K03L00G	C2011	06	30.44936	18	09	00.427	-09	34	04.19	19.8	gLEN007F51
K03L00G	C2011	06	30.45967	18	08	58.999	-09	34	14.20	19.7	gLEN007F51
K03L00G	C2011	06	30.48094	18	08	56.038	-09	34	35.01	19.5	rLEN007F51
K03Q10C	JC2011	07	01.41388	00	18	14.19	-01	42	14.7	21.3	V <sub>o</sub> EN007695
K03Q10C	JC2011	07	01.41741	00	18	14.46	-01	42	12.8	21.5	V <sub>o</sub> EN007695
K03Q10C	JC2011	07	01.42115	00	18	14.78	-01	42	11.1	21.4	V <sub>o</sub> EN007695
K05O01U	7C2005	11	19.09664	20	53	47.20	-00	31	34.0	21.9	r <sub>o</sub> EN007705
K05O01U	7C2005	11	19.09746	20	53	47.27	-00	31	33.6		oEN007705
K06M10J	C2011	07	01.24421	16	54	19.57	+10	25	57.4	20.0	V <sub>o</sub> EN007691
K06M10J	C2011	07	01.26202	16	54	16.52	+10	25	28.4	19.9	V <sub>o</sub> EN007691
K06M10J	C2011	07	01.27980	16	54	13.47	+10	24	59.1	20.1	V <sub>o</sub> EN007691
K06S06F	7C2006	10	28.17014	22	19	26.01	+01	05	00.3	19.5	r <sub>o</sub> EN007705
K06S06F	7C2006	10	28.17097	22	19	25.97	+01	04	58.9		oEN007705
K06S06F	7C2006	10	28.17346	22	19	25.88	+01	04	54.5		oEN007705
K06S06F	7C2006	10	29.15948	22	18	59.92	+00	36	02.3	19.4	r <sub>o</sub> EN007705
K06S06F	7C2006	10	29.16031	22	18	59.90	+00	36	00.8		oEN007705
K06S06F	7C2006	10	29.16280	22	18	59.81	+00	35	56.5		oEN007705
K06S06F	7C2006	11	01.17338	22	18	10.28	-00	46	50.6	18.5	r <sub>o</sub> EN007705
K06S06F	7C2006	11	01.17422	22	18	10.26	-00	46	51.9		oEN007705
K06S06F	7C2006	11	01.17671	22	18	10.22	-00	46	55.9		oEN007705
K06SL7U	7C2006	10	11.26721	23	57	35.91	-00	54	58.7	21.2	r <sub>o</sub> EN007705
K06SL7U	7C2006	10	11.26803	23	57	35.80	-00	55	00.6		oEN007705
K06SL7U	7C2006	10	11.27052	23	57	35.49	-00	55	05.3		oEN007705
K06T07U	7C2006	09	16.43078	02	42	58.69	+00	34	21.6	20.9	r <sub>o</sub> EN007705
K06T07U	7C2006	09	16.43161	02	42	58.69	+00	34	20.3		oEN007705
K06T07U	7C2006	09	16.43409	02	42	58.63	+00	34	16.3		oEN007705
K06T07U	7C2006	09	18.41427	02	42	35.77	-00	22	05.5	19.8	r <sub>o</sub> EN007705
K06T07U	7C2006	09	18.41509	02	42	35.75	-00	22	07.0		oEN007705
K06T07U	7C2006	09	18.41758	02	42	35.67	-00	22	11.5		oEN007705
K06T07U	7C2006	09	19.44080	02	42	14.44	-00	54	21.3	20.0	r <sub>o</sub> EN007705
K06T07U	7C2006	09	19.44162	02	42	14.41	-00	54	22.9		oEN007705
K06T07U	7C2006	09	19.44411	02	42	14.32	-00	54	27.8		oEN007705
K07T66D	7C2006	10	20.18199	22	29	00.80	+01	03	02.8	21.0	r <sub>o</sub> EN007705
K07T66D	7C2006	10	20.18281	22	29	00.81	+01	03	01.0		oEN007705
K07T66D	7C2006	10	20.18530	22	29	00.89	+01	02	54.2		oEN007705

K07T66D	7C2006	10	21.18556	22	29	40.15	+00	21	46.9	21.2	roEN007705
K07T66D	7C2006	10	21.18638	22	29	40.18	+00	21	45.2		oEN007705
K07T66D	7C2006	10	21.18887	22	29	40.26	+00	21	39.0		oEN007705
K07T66D	7C2006	10	22.18612	22	30	22.29	-00	17	40.3	20.8	roEN007705
K07T66D	7C2006	10	22.18695	22	30	22.33	-00	17	42.2		oEN007705
K07T66D	7C2006	10	22.18944	22	30	22.42	-00	17	47.9		oEN007705
K07T66D	7C2006	10	23.17348	22	31	06.73	-00	55	00.5	20.8	roEN007705
K07T66D	7C2006	10	23.17430	22	31	06.77	-00	55	02.4		oEN007705
K07T66D	7C2006	10	23.17679	22	31	06.85	-00	55	07.7		oEN007705
K07U01Y	7C2007	11	02.17543	22	43	51.98	-00	29	12.8	20.0	roEN007705
K07U01Y	7C2007	11	02.17626	22	43	52.13	-00	29	12.2		oEN007705
K07U01Y	7C2007	11	02.17875	22	43	52.59	-00	29	10.2		oEN007705
K07U01Y	7C2007	11	07.14573	22	59	35.22	+00	30	47.9	20.4	roEN007705
K07U01Y	7C2007	11	07.14656	22	59	35.34	+00	30	48.4		oEN007705
K07U01Y	7C2007	11	07.14904	22	59	35.73	+00	30	50.2		oEN007705
K07U01Y	7C2007	11	08.19134	23	02	36.62	+00	42	41.0	21.3	roEN007705
K07U01Y	7C2007	11	08.19217	23	02	36.73	+00	42	41.4		oEN007705
K07U01Y	7C2007	11	08.19466	23	02	37.13	+00	42	43.2		oEN007705
K07U01Y	7C2007	11	09.19054	23	05	26.73	+00	53	52.0	20.5	roEN007705
K07U01Y	7C2007	11	09.19136	23	05	26.87	+00	53	52.6		oEN007705
K07U12S	7C2007	11	08.31961	01	34	53.86	-00	57	05.9	18.5	roEN007705
K07U12S	7C2007	11	08.32044	01	34	53.70	-00	57	07.2		oEN007705
K07U12S	7C2007	11	08.32293	01	34	53.28	-00	57	10.9		oEN007705
K08A00E	KC2011	07	01.98840	20	28	35.41	-01	30	24.9	19.4	RrEN007104
K08A00E	KC2011	07	01.99224	20	28	35.14	-01	30	29.8	19.9	RrEN007104
K08A00E	KC2011	07	01.99609	20	28	34.83	-01	30	34.7	19.2	RrEN007104
K08L16V	KC2011	07	01.25707	18	26	52.96	+02	57	23.8	17.0	RtEN007G56
K08L16V	KC2011	07	01.25991	18	26	52.77	+02	57	43.0	16.9	RtEN007G56
K08L16V	KC2011	07	01.26698	18	26	52.35	+02	58	30.6	16.9	RtEN007G56
K08L16V	KC2011	07	01.26911	18	26	52.21	+02	58	45.0	17.0	RtEN007G56
K08T10R	C2011	07	01.25188	16	28	40.80	-08	47	12.0	17.5	VrEN007G96
K08T10R	C2011	07	01.26803	16	28	43.46	-08	46	34.5	17.5	VrEN007G96
K08T10R	C2011	07	01.27610	16	28	44.76	-08	46	15.8	17.4	VrEN007G96
K09C05Q	C2011	07	01.42344	01	38	28.49	+28	56	50.3	18.9	VoEN007691
K09C05Q	C2011	07	01.43614	01	38	31.56	+28	57	41.6	18.9	VoEN007691
K09C05Q	C2011	07	01.44885	01	38	34.60	+28	58	32.5	18.9	VoEN007691
K09WA4W	KC2011	06	21.83868716	07	33.462+27	13	53.21				rEN007089
K09WA4W	KC2011	06	21.84063216	07	32.304+27	14	52.03				rEN007089
K09WA4W	KC2011	06	21.84452116	07	29.991+27	16	50.72				rEN007089
K09WA4W	KC2011	06	21.84646516	07	28.873+27	17	49.77				rEN007089
K09WA4W	KC2011	06	21.84840916	07	27.727+27	18	49.11				rEN007089
K09WA4W	KC2011	06	21.85229816	07	25.428+27	20	47.44				rEN007089
K09WA4W	KC2011	06	21.85424216	07	24.279+27	21	46.42				rEN007089
K09WA4W	KC2011	06	22.84872315	57	23.168+36	13	16.40				rEN007089
K09WA4W	KC2011	06	22.85066915	57	21.657+36	14	21.21				rEN007089
K09WA4W	KC2011	06	22.85261315	57	20.154+36	15	26.12				rEN007089
K09WA4W	KC2011	06	22.85455615	57	18.658+36	16	31.02				rEN007089
K09WA4W	KC2011	06	22.85650015	57	17.149+36	17	35.83				rEN007089
K09WA4W	KC2011	06	22.85844415	57	15.630+36	18	40.55				rEN007089
K09WA4W	KC2011	06	22.86038815	57	14.147+36	19	45.49				rEN007089
K09WA4W	KC2011	06	22.86622115	57	09.605+36	22	59.92				rEN007089
K09WA4W	KC2011	06	22.86816415	57	08.087+36	24	04.52				rEN007089
K09WA4W	KC2011	06	22.87010815	57	06.595+36	25	09.30				rEN007089
K09WA4W	KC2011	06	22.87205315	57	05.068+36	26	14.30				rEN007089
K09WA4W	KC2011	06	22.87399715	57	03.572+36	27	19.10				rEN007089
K09WA4W	KC2011	06	22.87594115	57	02.061+36	28	23.77				rEN007089
K11A05G	HC2011	07	01.33555	21	44	58.64	-08	18	28.6		oEN007291
K11A05G	HC2011	07	01.33933	21	44	58.15	-08	18	31.7		oEN007291
K11A05G	HC2011	07	01.34312	21	44	57.89	-08	18	35.7		oEN007291
K11A05G	HC2011	07	01.35006	21	44	57.30	-08	18	41.5		oEN007291
K11A05G	HC2011	07	01.35377	21	44	56.80	-08	18	43.0		oEN007291
K11A05G	HC2011	07	01.35755	21	44	56.38	-08	18	47.2		oEN007291
K11A05G	JC2011	07	01.36301	21	44	55.92	-08	18	52.4	21.5	VoEN007695
K11A05G	JC2011	07	01.36666	21	44	55.57	-08	18	55.5	22.0	VoEN007695
K11A05G	JC2011	07	01.37006	21	44	55.22	-08	18	58.7	22.1	VoEN007695
K11A05G	JC2011	07	01.37344	21	44	54.88	-08	19	01.8	22.3	VoEN007695
K11C02G	JC2011	07	01.44813	21	51	28.36	-20	40	58.2	17.2	VoEN007695
K11C02G	JC2011	07	01.45198	21	51	27.46	-20	40	52.0	17.1	VoEN007695
K11C02G	JC2011	07	01.45618	21	51	26.48	-20	40	45.3	17.0	VoEN007695
K11D09S	JC2011	07	01.43063	00	08	43.44	-04	13	04.1	20.8	VoEN007695
K11D09S	JC2011	07	01.43579	00	08	43.34	-04	13	07.8	20.7	VoEN007695
K11D09S	JC2011	07	01.44009	00	08	43.23	-04	13	11.3	20.6	VoEN007695
K11D19L	KC2011	06	22.97700420	22	46.952-14	26	09.88				rEN007089
K11D19L	KC2011	06	22.97894720	22	46.008-14	25	53.59				rEN007089
K11D19L	KC2011	06	22.98089220	22	45.074-14	25	36.19				rEN007089
K11D19L	KC2011	06	22.98283620	22	44.149-14	25	19.41				rEN007089
K11D19L	KC2011	06	22.98478120	22	43.235-14	25	02.32				rEN007089

K11D19L	KC2011	06	22.98672520	22	42.288-14	24	45.41		rEN007089		
K11D19L	KC2011	06	22.98867020	22	41.376-14	24	28.29		rEN007089		
K11D19L	KC2011	06	22.99255920	22	39.512-14	23	54.05		rEN007089		
K11D19L	KC2011	06	22.99450320	22	38.594-14	23	37.21		rEN007089		
K11D19L	KC2011	06	22.99644720	22	37.644-14	23	20.03		rEN007089		
K11D19L	KC2011	06	22.99839220	22	36.728-14	23	03.07		rEN007089		
K11D19L	KC2011	06	23.00033620	22	35.792-14	22	46.18		rEN007089		
K11D19L	KC2011	06	23.00228020	22	34.868-14	22	29.37		rEN007089		
K11D19L	KC2011	06	23.00422520	22	33.930-14	22	12.20		rEN007089		
K11D19L	C2011	06	29.15340	19	42	45.29	-01	35	14.0	17.4	RoEN007H26
K11D19L	C2011	06	29.15378	19	42	45.19	-01	35	11.4	17.7	RoEN007H26
K11D19L	C2011	06	29.15419	19	42	45.03	-01	35	08.3	18.2	RoEN007H26
K11D19L	C2011	06	29.15501	19	42	44.78	-01	35	03.1	17.9	RoEN007H26
K11D19L	C2011	06	29.15544	19	42	44.63	-01	35	00.5	18.0	RoEN007H26
K11D19L	C2011	06	29.15582	19	42	44.51	-01	34	57.9	17.9	RoEN007H26
K11D19L	C2011	06	29.15623	19	42	44.38	-01	34	55.5	18.0	RoEN007H26
K11D19L	C2011	06	29.15705	19	42	44.12	-01	34	50.0	18.6	RoEN007H26
K11D19L	C2011	06	29.15745	19	42	44.01	-01	34	47.6	17.6	RoEN007H26
K11D19L	C2011	06	29.15786	19	42	43.84	-01	34	45.3	18.1	RoEN007H26
K11D19L	C2011	06	29.15825	19	42	43.71	-01	34	42.7	17.8	RoEN007H26
K11D19L	C2011	07	01.27917	19	31	57.17	+01	46	34.2	17.1	RuEN007H45
K11D19L	C2011	07	01.28066	19	31	56.72	+01	46	42.1	17.5	RuEN007H45
K11D19L	C2011	07	01.28192	19	31	56.35	+01	46	48.7	17.3	RuEN007H45
K11D19L	C2011	07	01.28343	19	31	55.90	+01	46	56.7	17.5	RuEN007H45
K11D19L	C2011	07	01.28627	19	31	55.06	+01	47	11.6	17.4	RuEN007H45
K11D19L	C2011	07	01.28825	19	31	54.45	+01	47	21.9	17.3	RuEN007H45
K11E78Z	C2011	07	01.26772	19	16	52.56	+10	08	59.5	13.9	RuEN007H45
K11E78Z	C2011	07	01.26909	19	16	53.07	+10	08	48.9	13.9	RuEN007H45
K11E78Z	C2011	07	01.27064	19	16	53.64	+10	08	36.7	13.9	RuEN007H45
K11E78Z	C2011	07	01.27255	19	16	54.32	+10	08	21.7	13.9	RuEN007H45
K11E78Z	C2011	07	01.27444	19	16	55.02	+10	08	07.0	13.9	RuEN007H45
K11E78Z	C2011	07	01.27595	19	16	55.57	+10	07	55.0	14.0	RuEN007H45
K11E78Z	C2011	07	01.27706	19	16	55.97	+10	07	46.4	13.9	RuEN007H45
K11G62L	C2000	04	28.21401	13	04	17.38	+24	20	09.9	18.0	RcEN007699
K11G62L	C2000	04	28.23455	13	04	15.10	+24	19	27.2		cEN007699
K11G62L	C2000	04	28.25516	13	04	12.80	+24	18	43.3		cEN007699
K11G62L	C2000	04	28.27576	13	04	10.56	+24	18	00.4		cEN007699
K11G65Q	KC2011	07	01.96870	16	32	55.47	-18	39	50.5	19.4	RrEN007104
K11G65Q	KC2011	07	01.98106	16	32	55.30	-18	40	17.0		rEN007104
K11H00R	C2008	02	09.47956	14	51	29.55	+13	39	57.1	21.8	VrEN007G96
K11H00R	C2008	02	09.48727	14	51	30.49	+13	40	01.4	22.3	VrEN007G96
K11H00R	C2008	02	09.49498	14	51	31.46	+13	40	06.4	21.8	VrEN007G96
K11H00R	C2008	02	09.50275	14	51	32.43	+13	40	11.5	22.0	VrEN007G96
K11H07L	C2011	07	01.24918	17	13	20.23	+10	56	11.1	20.1	VoEN007691
K11H07L	C2011	07	01.26699	17	13	20.20	+10	55	58.1	20.0	VoEN007691
K11H07L	C2011	07	01.28477	17	13	20.17	+10	55	44.8	20.0	VoEN007691
K11K09N	C1994	12	01.12931	02	43	44.04	+04	50	10.9		iEN007691
K11K09N	C1994	12	01.15625	02	43	43.26	+04	49	54.1		iEN007691
K11K09N	C1994	12	01.18138	02	43	42.56	+04	49	38.2	21.1	ViEN007691
K11K17O	C2011	01	13.30947	08	46	27.92	+10	23	01.0	20.4	VoEN007691
K11K17O	C2011	01	13.32717	08	46	27.17	+10	22	52.5	20.5	VoEN007691
K11K17O	C2011	01	13.34487	08	46	26.40	+10	22	44.0	20.5	VoEN007691
K11K17O	C2011	01	27.24818	08	33	25.88	+08	31	04.0	19.2	VrEN007703
K11K17O	C2011	01	27.25400	08	33	25.38	+08	31	01.0	19.4	VrEN007703
K11K17O	C2011	01	27.25980	08	33	24.94	+08	30	57.2	19.1	VrEN007703
K11K17P	KC2011	07	01.20411	15	52	45.50	+08	01	10.2	18.6	RtEN007G56
K11K17P	KC2011	07	01.21087	15	52	44.42	+08	01	17.9	18.4	RtEN007G56
K11K17P	KC2011	07	01.21754	15	52	43.34	+08	01	25.4	18.3	RtEN007G56
K11L19D	KC2011	06	30.36233	22	01	41.78	+42	46	14.6	19.4	VoEN007H21
K11L19D	KC2011	06	30.36326	22	01	41.59	+42	46	22.7	19.6	VoEN007H21
K11L19D	KC2011	06	30.36418	22	01	41.41	+42	46	30.7	19.6	VoEN007H21
K11L19D	KC2011	06	30.36510	22	01	41.23	+42	46	38.6	19.6	VoEN007H21
K11L19D	KC2011	06	30.36602	22	01	41.05	+42	46	46.6	19.7	VoEN007H21
K11M00D	C2011	06	27.09690	16	05	25.16	+27	08	50.1	15.3	VuEN007I27
K11M00D	C2011	06	27.09705	16	05	24.23	+27	08	39.9	15.1	VuEN007I27
K11M00D	C2011	06	27.09719	16	05	23.33	+27	08	30.2	15.4	VuEN007I27
K11M00D	C2011	06	27.09734	16	05	22.49	+27	08	20.8	15.7	VuEN007I27
K11M00D	C2011	06	27.09749	16	05	21.61	+27	08	10.7	15.7	VuEN007I27
K11M00D	C2011	06	27.09764	16	05	20.68	+27	08	00.2	15.1	VuEN007I27
K11M00D	C2011	06	27.09779	16	05	19.80	+27	07	50.5	15.1	VuEN007I27
K11M00D	C2011	06	27.09794	16	05	18.92	+27	07	40.5	15.1	VuEN007I27
K11M00D	C2011	06	27.09809	16	05	18.02	+27	07	30.4	15.5	VuEN007I27
K11M00D	C2011	06	27.09824	16	05	17.14	+27	07	20.6	15.0	VuEN007I27
K11M00D	C2011	06	27.09839	16	05	16.25	+27	07	10.7	15.2	VuEN007I27
K11M00D	C2011	06	27.09854	16	05	15.35	+27	07	00.6	15.4	VuEN007I27
K11M00D	C2011	06	27.09868	16	05	14.47	+27	06	50.9	14.8	VuEN007I27
K11M00D	C2011	06	27.09883	16	05	13.58	+27	06	41.1	15.0	VuEN007I27

K11M00D	C2011	06	27.09898	16	05	12.72	+27	06	31.1	15.1	VuEN007I27
K11M00D	C2011	06	27.09913	16	05	11.81	+27	06	20.9	15.1	VuEN007I27
K11M00D	C2011	06	27.10112	16	04	59.91	+27	04	06.8	15.2	VuEN007I27
K11M00D	C2011	06	27.10127	16	04	58.99	+27	03	56.6	15.0	VuEN007I27
K11M00D	C2011	06	27.10230	16	04	52.82	+27	02	46.7	15.3	VuEN007I27
K11M00D	C2011	06	27.10260	16	04	51.00	+27	02	26.1	15.4	VuEN007I27
K11M00D	C2011	06	27.10275	16	04	50.11	+27	02	16.2	15.7	VuEN007I27
K11M00D	C2011	06	27.10291	16	04	49.20	+27	02	05.8	15.0	VuEN007I27
K11M00D	C2011	06	27.10306	16	04	48.30	+27	01	55.9	15.4	VuEN007I27
K11M00D	C2011	06	27.10321	16	04	47.43	+27	01	45.2	15.4	VuEN007I27
K11M00D	C2011	06	27.10336	16	04	46.48	+27	01	35.1	15.8	VuEN007I27
K11M00D	C2011	06	27.10351	16	04	45.61	+27	01	24.8	16.3	VuEN007I27
K11M00D	C2011	06	27.10366	16	04	44.64	+27	01	14.5	16.3	VuEN007I27
K11M00D	C2011	06	27.10381	16	04	43.75	+27	01	04.3	16.3	VuEN007I27
K11M00D	C2011	06	27.10396	16	04	42.80	+27	00	53.2	15.5	VuEN007I27
K11M00D	C2011	06	27.10411	16	04	41.90	+27	00	42.8	16.3	VuEN007I27
K11M00D	C2011	06	27.10427	16	04	41.01	+27	00	32.7	15.5	VuEN007I27
K11M00D	C2011	06	27.10441	16	04	40.07	+27	00	22.8	15.6	VuEN007I27
K11M00D	C2011	06	27.10456	16	04	39.19	+27	00	12.1	17.3	VuEN007I27
K11M00D	C2011	06	27.10471	16	04	38.28	+27	00	01.9	15.9	VuEN007I27
K11M00D	C2011	06	27.10486	16	04	37.36	+26	59	51.7	15.4	VuEN007I27
K11M00D	C2011	06	27.10501	16	04	36.45	+26	59	41.6	15.3	VuEN007I27
K11M00D	C2011	06	27.10516	16	04	35.51	+26	59	30.9	15.2	VuEN007I27
K11M00D	C2011	06	27.10531	16	04	34.63	+26	59	20.6	15.3	VuEN007I27
K11M00D	C2011	06	27.10546	16	04	33.70	+26	59	10.5	15.3	VuEN007I27
K11M00D	C2011	06	27.10561	16	04	32.82	+26	59	00.1	15.5	VuEN007I27
K11M00D	C2011	06	27.10576	16	04	31.88	+26	58	49.6	15.2	VuEN007I27
K11M00D	C2011	06	27.10593	16	04	30.96	+26	58	38.5	14.9	VuEN007I27
K11M00D	C2011	06	27.10606	16	04	30.05	+26	58	28.7	15.2	VuEN007I27
K11M00D	C2011	06	27.10623	16	04	29.17	+26	58	17.9	15.9	VuEN007I27
K11M00D	C2011	06	27.10683	16	04	25.48	+26	57	36.1	15.5	VuEN007I27
K11M00D	C2011	06	27.10697	16	04	24.57	+26	57	26.2	15.4	VuEN007I27
K11M00D	C2011	06	27.10712	16	04	23.70	+26	57	16.2	15.2	VuEN007I27
K11M00D	C2011	06	27.10727	16	04	22.76	+26	57	05.9	15.1	VuEN007I27
K11M00D	C2011	06	27.10742	16	04	21.88	+26	56	55.2	15.4	VuEN007I27
K11M00D	C2011	06	27.10757	16	04	20.96	+26	56	45.1	15.2	VuEN007I27
K11M00D	C2011	06	27.10771	16	04	20.09	+26	56	34.8	15.0	VuEN007I27
K11M00D	C2011	06	27.10786	16	04	19.19	+26	56	25.0	14.7	VuEN007I27
K11M00D	C2011	06	27.10801	16	04	18.28	+26	56	14.4	15.0	VuEN007I27
K11M00D	C2011	06	27.10815	16	04	17.38	+26	56	04.2	15.0	VuEN007I27
K11M00D	C2011	06	27.10830	16	04	16.48	+26	55	54.1	15.2	VuEN007I27
K11M00D	C2011	06	27.10845	16	04	15.59	+26	55	43.7	15.1	VuEN007I27
K11M00D	C2011	06	27.10859	16	04	14.68	+26	55	33.2	15.1	VuEN007I27
K11M00D	C2011	06	27.10874	16	04	13.75	+26	55	22.9	14.8	VuEN007I27
K11M00D	C2011	06	27.10889	16	04	12.86	+26	55	12.4	15.1	VuEN007I27
K11M00D	C2011	06	27.10904	16	04	11.92	+26	55	01.9	15.3	VuEN007I27
K11M00D	C2011	06	27.10919	16	04	11.01	+26	54	51.4	15.0	VuEN007I27
K11M00D	C2011	06	27.10934	16	04	10.11	+26	54	40.8	15.1	VuEN007I27
K11M00D	C2011	06	27.10949	16	04	09.20	+26	54	31.3	15.0	VuEN007I27
K11M00D	C2011	06	27.10993	16	04	06.52	+26	53	59.7	14.8	VuEN007I27
K11M00D	C2011	06	27.11007	16	04	05.61	+26	53	49.4	15.3	VuEN007I27
K11M00D	C2011	06	27.11022	16	04	04.72	+26	53	39.3	15.1	VuEN007I27
K11M00D	C2011	06	27.11037	16	04	03.84	+26	53	29.1	14.9	VuEN007I27
K11M00D	C2011	06	27.11051	16	04	02.92	+26	53	18.5	15.0	VuEN007I27
K11M00D	C2011	06	27.11066	16	04	02.01	+26	53	08.4	15.1	VuEN007I27
K11M00D	C2011	06	27.11081	16	04	01.14	+26	52	57.7	15.6	VuEN007I27
K11M00D	C2011	06	27.11096	16	04	00.19	+26	52	47.0	15.2	VuEN007I27
K11M00D	C2011	06	27.11111	16	03	59.26	+26	52	36.8	15.3	VuEN007I27
K11M00D	C2011	06	27.11126	16	03	58.31	+26	52	25.5	15.3	VuEN007I27
K11M00D	C2011	06	27.11141	16	03	57.41	+26	52	15.5	15.4	VuEN007I27
K11M00D	C2011	06	27.11156	16	03	56.50	+26	52	05.0	15.3	VuEN007I27
K11M00D	C2011	06	27.11170	16	03	55.58	+26	51	54.3	15.7	VuEN007I27
K11M00D	C2011	06	27.11185	16	03	54.68	+26	51	44.0	16.0	VuEN007I27
K11M00D	C2011	06	27.11200	16	03	53.74	+26	51	34.0	15.9	VuEN007I27
K11M00D	C2011	06	27.11215	16	03	52.87	+26	51	22.9	16.1	VuEN007I27
K11M00D	C2011	06	27.11229	16	03	51.91	+26	51	12.0	16.2	VuEN007I27
K11M00D	C2011	06	27.11244	16	03	51.06	+26	51	01.7	16.1	VuEN007I27
K11M00D	C2011	06	27.11259	16	03	50.13	+26	50	51.3	16.3	VuEN007I27
K11M00D	C2011	06	27.11274	16	03	49.19	+26	50	40.9	15.1	VuEN007I27
K11M00D	C2011	06	27.11289	16	03	48.27	+26	50	30.3	15.4	VuEN007I27
K11M00D	C2011	06	27.11303	16	03	47.38	+26	50	19.5	15.7	VuEN007I27
K11M00D	C2011	06	27.11318	16	03	46.42	+26	50	08.9	15.3	VuEN007I27
K11M00D	C2011	06	27.11333	16	03	45.54	+26	49	58.3	15.4	VuEN007I27
K11M00D	C2011	06	27.11348	16	03	44.57	+26	49	47.5	15.0	VuEN007I27
K11M00D	C2011	06	27.11365	16	03	43.66	+26	49	36.8	15.0	VuEN007I27
K11M00D	C2011	06	27.11380	16	03	42.69	+26	49	25.7	15.1	VuEN007I27
K11M00D	C2011	06	27.11395	16	03	41.77	+26	49	15.0	14.7	VuEN007I27

K11M00D	C2011	06	27.11454	16	03	38.10	+26	48	32.5	15.0	VuEN007I27
K11M00D	C2011	06	27.11469	16	03	37.21	+26	48	21.9	15.2	VuEN007I27
K11M00D	C2011	06	27.11483	16	03	36.28	+26	48	11.4	15.0	VuEN007I27
K11M00D	C2011	06	27.11498	16	03	35.37	+26	48	01.0	15.1	VuEN007I27
K11M00D	C2011	06	27.11513	16	03	34.43	+26	47	50.2	15.5	VuEN007I27
K11M00D	C2011	06	27.11528	16	03	33.52	+26	47	39.7	15.1	VuEN007I27
K11M00D	C2011	06	27.11542	16	03	32.62	+26	47	29.2	14.8	VuEN007I27
K11M00D	C2011	06	27.11557	16	03	31.68	+26	47	18.3	15.0	VuEN007I27
K11M00D	C2011	06	27.11572	16	03	30.76	+26	47	07.8	15.1	VuEN007I27
K11M00D	C2011	06	27.11587	16	03	29.85	+26	46	57.1	15.2	VuEN007I27
K11M00D	C2011	06	27.11601	16	03	28.93	+26	46	46.4	15.0	VuEN007I27
K11M00D	C2011	06	27.11616	16	03	28.00	+26	46	35.6	15.0	VuEN007I27
K11M00D	C2011	06	27.11631	16	03	27.10	+26	46	25.2	15.0	VuEN007I27
K11M00D	C2011	06	27.11645	16	03	26.20	+26	46	14.4	15.2	VuEN007I27
K11M00D	C2011	06	27.11660	16	03	25.27	+26	46	03.7	15.0	VuEN007I27
K11M00D	C2011	06	27.11675	16	03	24.35	+26	45	53.4	15.2	VuEN007I27
K11M00D	C2011	06	27.11689	16	03	23.45	+26	45	42.5	15.1	VuEN007I27
K11M00D	C2011	06	27.11705	16	03	22.48	+26	45	31.5	14.8	VuEN007I27
K11M00D	C2011	06	27.11720	16	03	21.55	+26	45	20.5	14.8	VuEN007I27
K11M00D	C2011	06	27.11750	16	03	19.68	+26	44	58.9	15.1	VuEN007I27
K11M00D	C2011	06	27.11765	16	03	18.74	+26	44	47.8	15.0	VuEN007I27
K11M00D	C2011	06	27.11780	16	03	17.82	+26	44	36.8	15.3	VuEN007I27
K11M00D	C2011	06	27.11794	16	03	16.85	+26	44	26.6	15.2	VuEN007I27
K11M00D	C2011	06	27.11809	16	03	15.97	+26	44	15.4	14.9	VuEN007I27
K11M00D	C2011	06	27.11824	16	03	15.04	+26	44	04.7	15.1	VuEN007I27
K11M00D	C2011	06	27.11838	16	03	14.10	+26	43	54.1	15.3	VuEN007I27
K11M00D	C2011	06	27.11926	16	03	08.63	+26	42	49.9	15.4	VuEN007I27
K11M00D	C2011	06	27.11941	16	03	07.69	+26	42	39.3	15.9	VuEN007I27
K11M00D	C2011	06	27.11956	16	03	06.77	+26	42	28.3	15.5	VuEN007I27
K11M00D	C2011	06	27.11970	16	03	05.82	+26	42	17.7	15.5	VuEN007I27
K11M00D	C2011	06	27.11985	16	03	04.92	+26	42	06.8	15.6	VuEN007I27
K11M00D	C2011	06	27.12000	16	03	04.04	+26	41	55.7	15.6	VuEN007I27
K11M00D	C2011	06	27.12015	16	03	03.10	+26	41	45.6	16.7	VuEN007I27
K11M00D	C2011	06	27.12029	16	03	02.16	+26	41	34.3	15.4	VuEN007I27
K11M00D	C2011	06	27.12044	16	03	01.25	+26	41	23.1	15.9	VuEN007I27
K11M00D	C2011	06	27.12073	16	02	59.38	+26	41	01.4	16.0	VuEN007I27
K11M00D	C2011	06	27.12088	16	02	58.45	+26	40	50.5	15.5	VuEN007I27
K11M00D	C2011	06	27.12103	16	02	57.53	+26	40	40.3	15.9	VuEN007I27
K11M00D	C2011	06	27.12117	16	02	56.62	+26	40	29.2	15.0	VuEN007I27
K11M00D	C2011	06	27.12162	16	02	53.80	+26	39	56.2	15.1	VuEN007I27
K11M00D	C2011	06	27.12177	16	02	52.84	+26	39	45.1	15.8	VuEN007I27
K11M00D	C2011	06	27.12192	16	02	51.91	+26	39	34.5	15.0	VuEN007I27
K11M00D	C2011	06	27.12207	16	02	50.97	+26	39	23.4	15.0	VuEN007I27
K11M00D	C2011	06	27.12221	16	02	50.03	+26	39	12.4	15.2	VuEN007I27
K11M00D	C2011	06	27.12236	16	02	49.14	+26	39	01.5	14.9	VuEN007I27
K11M00D	C2011	06	27.12251	16	02	48.22	+26	38	50.5	15.0	VuEN007I27
K11M00D	C2011	06	27.12265	16	02	47.28	+26	38	39.4	15.0	VuEN007I27
K11M00D	C2011	06	27.12280	16	02	46.35	+26	38	28.2	14.9	VuEN007I27
K11M00D	C2011	06	27.12296	16	02	45.34	+26	38	16.8	15.0	VuEN007I27
K11M00D	C2011	06	27.12311	16	02	44.37	+26	38	05.3	14.9	VuEN007I27
K11M00D	C2011	06	27.12326	16	02	43.40	+26	37	54.2	15.1	VuEN007I27
K11M00D	C2011	06	27.12462	16	02	34.82	+26	36	12.7	15.3	VuEN007I27
K11M00D	C2011	06	27.12477	16	02	33.85	+26	36	01.5	15.1	VuEN007I27
K11M00D	C2011	06	27.12492	16	02	32.92	+26	35	50.0	15.3	VuEN007I27
K11M00D	C2011	06	27.12507	16	02	31.92	+26	35	38.6	14.7	VuEN007I27
K11M00D	C2011	06	27.12523	16	02	30.95	+26	35	26.9	14.7	VuEN007I27
K11M00D	C2011	06	27.12537	16	02	30.03	+26	35	16.1	14.9	VuEN007I27
K11M00D	C2011	06	27.12552	16	02	29.08	+26	35	04.7	15.2	VuEN007I27
K11M00D	C2011	06	27.12567	16	02	28.15	+26	34	54.0	14.9	VuEN007I27
K11M00D	C2011	06	27.12582	16	02	27.20	+26	34	42.7	14.9	VuEN007I27
K11M00D	C2011	06	27.12596	16	02	26.28	+26	34	32.1	15.2	VuEN007I27
K11M00D	C2011	06	27.12611	16	02	25.34	+26	34	20.8	15.0	VuEN007I27
K11M00D	C2011	06	27.12626	16	02	24.38	+26	34	09.7	15.4	VuEN007I27
K11M00D	C2011	06	27.12640	16	02	23.46	+26	33	58.6	15.1	VuEN007I27
K11M00D	C2011	06	27.12655	16	02	22.54	+26	33	47.6	15.2	VuEN007I27
K11M00D	C2011	06	27.12699	16	02	19.72	+26	33	13.9	15.2	VuEN007I27
K11M00D	C2011	06	27.12714	16	02	18.77	+26	33	02.7	15.0	VuEN007I27
K11M00D	C2011	06	27.12759	16	02	15.89	+26	32	28.3	15.6	VuEN007I27
K11M00D	C2011	06	27.12774	16	02	14.97	+26	32	17.3	15.5	VuEN007I27
K11M00D	C2011	06	27.12788	16	02	13.99	+26	32	06.1	15.8	VuEN007I27
K11M00D	C2011	06	27.12803	16	02	13.07	+26	31	54.4	15.3	VuEN007I27
K11M00D	C2011	06	27.12818	16	02	12.16	+26	31	44.3	16.1	VuEN007I27
K11M00D	C2011	06	27.12832	16	02	11.18	+26	31	32.3	15.8	VuEN007I27
K11M00D	C2011	06	27.12847	16	02	10.25	+26	31	21.7	15.7	VuEN007I27
K11M00D	C2011	06	27.12862	16	02	09.29	+26	31	10.4	16.3	VuEN007I27
K11M00D	C2011	06	27.12876	16	02	08.38	+26	30	59.3	15.8	VuEN007I27
K11M00D	C2011	06	27.12891	16	02	07.45	+26	30	47.5	15.5	VuEN007I27

K11M00D	C2011	06	27.12906	16	02	06.47	+26	30	36.7	15.4	VuEN007I27
K11M00D	C2011	06	27.12920	16	02	05.57	+26	30	25.5	15.8	VuEN007I27
K11M00D	C2011	06	27.12935	16	02	04.61	+26	30	14.2	15.3	VuEN007I27
K11M00D	C2011	06	27.12950	16	02	03.68	+26	30	03.2	15.2	VuEN007I27
K11M00D	C2011	06	27.12993	16	02	00.86	+26	29	29.4	15.1	VuEN007I27
K11M00D	C2011	06	27.13008	16	01	59.92	+26	29	18.0	15.1	VuEN007I27
K11M00D	C2011	06	27.13023	16	01	58.96	+26	29	06.9	15.0	VuEN007I27
K11M00D	C2011	06	27.13038	16	01	58.00	+26	28	55.3	15.1	VuEN007I27
K11M00D	C2011	06	27.13053	16	01	57.05	+26	28	43.8	15.1	VuEN007I27
K11M00D	C2011	06	27.13068	16	01	56.08	+26	28	32.3	15.1	VuEN007I27
K11M00D	C2011	06	27.13083	16	01	55.14	+26	28	20.8	14.9	VuEN007I27
K11M00D	C2011	06	27.13097	16	01	54.17	+26	28	09.7	14.9	VuEN007I27
K11M00D	C2011	06	27.13112	16	01	53.24	+26	27	58.3	14.9	VuEN007I27
K11M00D	C2011	06	27.13126	16	01	52.31	+26	27	47.0	15.0	VuEN007I27
K11M00D	C2011	06	27.13141	16	01	51.35	+26	27	35.6	15.1	VuEN007I27
K11M00D	C2011	06	27.13156	16	01	50.38	+26	27	24.1	15.0	VuEN007I27
K11M00D	C2011	06	27.13171	16	01	49.44	+26	27	12.7	15.0	VuEN007I27
K11M00D	C2011	06	27.13186	16	01	48.45	+26	27	01.1	15.0	VuEN007I27
K11M00D	C2011	06	27.13201	16	01	47.48	+26	26	49.4	14.8	VuEN007I27
K11M00D	C2011	06	27.13215	16	01	46.55	+26	26	37.9	15.2	VuEN007I27
K11M00D	C2011	06	27.13230	16	01	45.59	+26	26	26.4	14.9	VuEN007I27
K11M00D	C2011	06	27.13245	16	01	44.63	+26	26	14.9	15.1	VuEN007I27
K11M00D	C2011	06	27.13260	16	01	43.67	+26	26	03.2	14.9	VuEN007I27
K11M00D	C2011	06	27.13275	16	01	42.70	+26	25	51.9	14.9	VuEN007I27
K11M00D	C2011	06	27.13291	16	01	41.76	+26	25	40.6	14.9	VuEN007I27
K11M00D	C2011	06	27.13304	16	01	40.79	+26	25	28.6	14.9	VuEN007I27
K11M00D	C2011	06	27.13321	16	01	39.81	+26	25	17.1	15.0	VuEN007I27
K11M00D	C2011	06	27.13336	16	01	38.80	+26	25	04.9	15.2	VuEN007I27
K11M00D	C2011	06	27.13351	16	01	37.84	+26	24	53.5	14.9	VuEN007I27
K11M00D	C2011	06	27.13395	16	01	35.02	+26	24	19.0	15.4	VuEN007I27
K11M00D	C2011	06	27.13409	16	01	34.07	+26	24	07.7	14.8	VuEN007I27
K11M00D	C2011	06	27.13424	16	01	33.10	+26	23	56.2	15.3	VuEN007I27
K11M00D	C2011	06	27.13439	16	01	32.18	+26	23	45.0	15.3	VuEN007I27
K11M00D	C2011	06	27.13453	16	01	31.23	+26	23	33.1	15.0	VuEN007I27
K11M00D	C2011	06	27.13468	16	01	30.26	+26	23	21.5	15.5	VuEN007I27
K11M00D	C2011	06	27.13483	16	01	29.29	+26	23	10.1	15.3	VuEN007I27
K11M00D	C2011	06	27.13498	16	01	28.34	+26	22	58.5	15.3	VuEN007I27
K11M00D	C2011	06	27.13512	16	01	27.37	+26	22	46.7	15.6	VuEN007I27
K11M00D	C2011	06	27.13527	16	01	26.43	+26	22	35.6	15.1	VuEN007I27
K11M00D	C2011	06	27.13541	16	01	25.49	+26	22	24.2	15.2	VuEN007I27
K11M00D	C2011	06	27.13556	16	01	24.56	+26	22	12.5	15.8	VuEN007I27
K11M00D	C2011	06	27.13571	16	01	23.58	+26	22	01.3	15.2	VuEN007I27
K11M00D	C2011	06	27.13584	16	01	22.62	+26	21	49.9	15.8	VuEN007I27
K11M00D	C2011	06	27.13600	16	01	21.69	+26	21	38.0	16.1	VuEN007I27
K11M00D	C2011	06	27.13615	16	01	20.72	+26	21	26.4	15.8	VuEN007I27
K11M00D	C2011	06	27.13630	16	01	19.75	+26	21	14.9	15.8	VuEN007I27
K11M00D	C2011	06	27.13644	16	01	18.76	+26	21	03.4	16.5	VuEN007I27
K11M00D	C2011	06	27.13659	16	01	17.84	+26	20	52.0	15.8	VuEN007I27
K11M00D	C2011	06	27.13674	16	01	16.89	+26	20	39.9	15.7	VuEN007I27
K11M00D	C2011	06	27.13689	16	01	15.92	+26	20	28.3	15.7	VuEN007I27
K11M00D	C2011	06	27.13703	16	01	14.95	+26	20	16.4	15.4	VuEN007I27
K11M00D	C2011	06	27.13718	16	01	14.00	+26	20	04.9	15.5	VuEN007I27
K11M00D	C2011	06	27.13733	16	01	13.04	+26	19	53.1	15.0	VuEN007I27
K11M00D	C2011	06	27.13748	16	01	12.08	+26	19	41.2	14.8	VuEN007I27
K11M00D	C2011	06	27.13792	16	01	09.16	+26	19	06.3	15.3	VuEN007I27
K11M00D	C2011	06	27.13807	16	01	08.20	+26	18	54.2	15.3	VuEN007I27
K11M00D	C2011	06	27.13821	16	01	07.25	+26	18	42.8	15.0	VuEN007I27
K11M00D	C2011	06	27.13836	16	01	06.27	+26	18	31.1	14.9	VuEN007I27
K11M00D	C2011	06	27.13851	16	01	05.33	+26	18	19.2	15.1	VuEN007I27
K11M00D	C2011	06	27.13865	16	01	04.37	+26	18	07.5	15.1	VuEN007I27
K11M00D	C2011	06	27.13880	16	01	03.42	+26	17	55.7	14.9	VuEN007I27
K11M00D	C2011	06	27.13895	16	01	02.44	+26	17	44.0	14.9	VuEN007I27
K11M00D	C2011	06	27.13910	16	01	01.45	+26	17	32.0	14.8	VuEN007I27
K11M00D	C2011	06	27.13925	16	01	00.49	+26	17	20.3	15.0	VuEN007I27
K11M00D	C2011	06	27.13940	16	00	59.52	+26	17	08.3	14.8	VuEN007I27
K11M00D	C2011	06	27.13955	16	00	58.56	+26	16	56.6	14.9	VuEN007I27
K11M00D	C2011	06	27.13970	16	00	57.55	+26	16	44.1	14.8	VuEN007I27
K11M00D	C2011	06	27.14016	16	00	54.50	+26	16	06.9	15.0	VuEN007I27
K11M00D	C2011	06	27.14090	16	00	49.63	+26	15	07.1	14.8	VuEN007I27
K11M00D	C2011	06	27.14105	16	00	48.58	+26	14	54.6	15.0	VuEN007I27
K11M00D	C2011	06	27.14120	16	00	47.59	+26	14	42.3	14.9	VuEN007I27
K11M00D	C2011	06	27.14135	16	00	46.62	+26	14	30.8	14.9	VuEN007I27
K11M00D	C2011	06	27.14150	16	00	45.65	+26	14	19.1	15.5	VuEN007I27
K11M00D	C2011	06	27.14166	16	00	44.66	+26	14	06.8	15.1	VuEN007I27
K11M00D	C2011	06	27.14179	16	00	43.70	+26	13	54.8	15.2	VuEN007I27
K11M00D	C2011	06	27.14194	16	00	42.73	+26	13	43.1	15.2	VuEN007I27
K11M00D	C2011	06	27.14209	16	00	41.80	+26	13	31.2	15.4	VuEN007I27



K11M00D	C2011	06	27.14225	16	00	40.82	+26	13	18.9	15.2	VuEN007I27
K11M00D	C2011	06	27.14238	16	00	39.86	+26	13	07.3	14.8	VuEN007I27
K11M00D	C2011	06	27.14253	16	00	38.85	+26	12	55.5	14.9	VuEN007I27
K11M00D	C2011	06	27.14267	16	00	37.91	+26	12	43.5	15.4	VuEN007I27
K11M00D	C2011	06	27.14282	16	00	36.94	+26	12	31.8	15.2	VuEN007I27
K11M00D	C2011	06	27.14297	16	00	35.99	+26	12	19.6	14.9	VuEN007I27
K11M00D	C2011	06	27.14311	16	00	35.03	+26	12	08.0	15.3	VuEN007I27
K11M00D	C2011	06	27.14326	16	00	34.04	+26	11	56.1	15.2	VuEN007I27
K11M00D	C2011	06	27.14341	16	00	33.07	+26	11	43.8	15.1	VuEN007I27
K11M00D	C2011	06	27.14356	16	00	32.13	+26	11	31.7	15.2	VuEN007I27
K11M00D	C2011	06	27.14370	16	00	31.13	+26	11	20.3	15.6	VuEN007I27
K11M00D	C2011	06	27.14385	16	00	30.19	+26	11	08.0	15.7	VuEN007I27
K11M00D	C2011	06	27.14400	16	00	29.20	+26	10	56.7	15.4	VuEN007I27
K11M00D	C2011	06	27.14414	16	00	28.22	+26	10	43.5	15.7	VuEN007I27
K11M00D	C2011	06	27.14429	16	00	27.23	+26	10	32.3	16.5	VuEN007I27
K11M00D	C2011	06	27.14444	16	00	26.27	+26	10	20.1	15.4	VuEN007I27
K11M00D	C2011	06	27.14458	16	00	25.31	+26	10	08.1	16.1	VuEN007I27
K11M00D	C2011	06	27.14473	16	00	24.32	+26	09	55.6	15.4	VuEN007I27
K11M00D	C2011	06	27.14488	16	00	23.36	+26	09	44.3	15.6	VuEN007I27
K11M00D	C2011	06	27.14502	16	00	22.40	+26	09	32.2	16.7	VuEN007I27
K11M00D	C2011	06	27.14517	16	00	21.41	+26	09	20.4	15.4	VuEN007I27
K11M00D	C2011	06	27.14532	16	00	20.43	+26	09	08.3	15.3	VuEN007I27
K11M00D	C2011	06	27.14547	16	00	19.46	+26	08	55.8	15.2	VuEN007I27
K11M00D	C2011	06	27.14562	16	00	18.48	+26	08	43.2	15.3	VuEN007I27
K11M00D	C2011	06	27.14576	16	00	17.52	+26	08	31.6	15.0	VuEN007I27
K11M00D	C2011	06	27.14591	16	00	16.53	+26	08	19.2	15.2	VuEN007I27
K11M00D	C2011	06	27.14606	16	00	15.53	+26	08	06.8	14.9	VuEN007I27
K11M00D	C2011	06	27.14622	16	00	14.51	+26	07	54.6	15.1	VuEN007I27
K11M00D	C2011	06	27.14668	16	00	11.47	+26	07	16.6	15.0	VuEN007I27
K11M00D	C2011	06	27.14682	16	00	10.53	+26	07	04.8	15.0	VuEN007I27
K11M00D	C2011	06	27.14697	16	00	09.51	+26	06	52.0	14.7	VuEN007I27
K11M00D	C2011	06	27.14712	16	00	08.52	+26	06	39.4	15.2	VuEN007I27
K11M00D	C2011	06	27.14728	16	00	07.47	+26	06	27.0	15.1	VuEN007I27
K11M00D	C2011	06	27.14743	16	00	06.47	+26	06	14.5	14.9	VuEN007I27
K11M00D	C2011	06	27.14787	16	00	03.52	+26	05	37.9	14.7	VuEN007I27
K11M00D	C2011	06	27.14802	16	00	02.57	+26	05	25.3	15.1	VuEN007I27
K11M00D	C2011	06	27.14816	16	00	01.57	+26	05	13.3	14.9	VuEN007I27
K11M00D	C2011	06	27.14831	16	00	00.60	+26	05	01.2	15.0	VuEN007I27
K11M00D	C2011	06	27.14846	15	59	59.63	+26	04	49.2	15.3	VuEN007I27
K11M00D	C2011	06	27.14860	15	59	58.62	+26	04	36.8	14.9	VuEN007I27
K11M00D	C2011	06	27.14875	15	59	57.64	+26	04	24.5	14.8	VuEN007I27
K11M00D	C2011	06	27.14890	15	59	56.63	+26	04	12.0	14.7	VuEN007I27
K11M00D	C2011	06	27.14905	15	59	55.64	+26	03	59.2	14.9	VuEN007I27
K11M00D	C2011	06	27.14920	15	59	54.66	+26	03	47.2	14.9	VuEN007I27
K11M00D	C2011	06	27.14935	15	59	53.66	+26	03	34.4	14.9	VuEN007I27
K11M00D	C2011	06	27.14950	15	59	52.66	+26	03	22.3	15.2	VuEN007I27
K11M00D	C2011	06	27.14980	15	59	50.64	+26	02	56.7	15.1	VuEN007I27
K11M00D	C2011	06	27.14995	15	59	49.65	+26	02	44.5	15.0	VuEN007I27
K11M00D	C2011	06	27.15009	15	59	48.67	+26	02	32.1	14.9	VuEN007I27
K11M00D	C2011	06	27.15024	15	59	47.66	+26	02	19.7	15.0	VuEN007I27
K11M00D	C2011	06	27.15039	15	59	46.65	+26	02	07.6	15.0	VuEN007I27
K11M00D	C2011	06	27.15054	15	59	45.66	+26	01	54.5	15.0	VuEN007I27
K11M00D	C2011	06	27.15069	15	59	44.66	+26	01	42.0	14.7	VuEN007I27
K11M00D	C2011	06	27.15084	15	59	43.65	+26	01	29.1	15.0	VuEN007I27
K11M00D	C2011	06	27.15100	15	59	42.66	+26	01	16.6	15.0	VuEN007I27
K11M00D	C2011	06	27.15130	15	59	40.65	+26	00	51.6	14.9	VuEN007I27
K11M00D	C2011	06	27.15159	15	59	38.68	+26	00	26.9	15.2	VuEN007I27
K11M00D	C2011	06	27.15174	15	59	37.67	+26	00	14.0	15.2	VuEN007I27
K11M00D	C2011	06	27.15189	15	59	36.64	+26	00	00.9	15.6	VuEN007I27
K11M00D	C2011	06	27.15205	15	59	35.60	+25	59	48.2	15.6	VuEN007I27
K11M00D	C2011	06	27.15220	15	59	34.61	+25	59	35.8	15.8	VuEN007I27
K11M00D	C2011	06	27.15234	15	59	33.60	+25	59	23.3	15.9	VuEN007I27
K11M00D	C2011	06	27.15249	15	59	32.62	+25	59	10.9	15.7	VuEN007I27
K11M00D	C2011	06	27.15264	15	59	31.60	+25	58	58.5	15.9	VuEN007I27
K11M00D	C2011	06	27.15279	15	59	30.61	+25	58	45.3	16.2	VuEN007I27
K11M00D	C2011	06	27.15294	15	59	29.60	+25	58	32.1	15.6	VuEN007I27
K11M00D	C2011	06	27.15309	15	59	28.62	+25	58	19.9	15.9	VuEN007I27
K11M00D	C2011	06	27.15324	15	59	27.60	+25	58	07.0	15.5	VuEN007I27
K11M00D	C2011	06	27.15339	15	59	26.60	+25	57	54.5	15.2	VuEN007I27
K11M00D	C2011	06	27.15354	15	59	25.60	+25	57	41.9	15.1	VuEN007I27
K11M00D	C2011	06	27.15369	15	59	24.59	+25	57	28.7	15.3	VuEN007I27
K11M00D	C2011	06	27.15383	15	59	23.62	+25	57	16.5	15.3	VuEN007I27
K11M00D	C2011	06	27.15398	15	59	22.59	+25	57	04.0	15.3	VuEN007I27
K11M00D	C2011	06	27.15413	15	59	21.61	+25	56	51.4	15.1	VuEN007I27
K11M00D	C2011	06	27.15428	15	59	20.61	+25	56	38.5	15.0	VuEN007I27
K11M00D	C2011	06	27.15442	15	59	19.62	+25	56	26.0	15.2	VuEN007I27
K11M00D	C2011	06	27.15457	15	59	18.62	+25	56	13.2	15.0	VuEN007I27



K11M00D	C2011	06	27.15472	15	59	17.63	+25	56	01.2	15.4	VuEN007I27
K11M00D	C2011	06	27.15487	15	59	16.62	+25	55	48.2	15.2	VuEN007I27
K11M00D	C2011	06	27.15501	15	59	15.66	+25	55	35.7	14.9	VuEN007I27
K11M00D	C2011	06	27.15516	15	59	14.66	+25	55	23.1	15.3	VuEN007I27
K11M00D	C2011	06	27.15531	15	59	13.67	+25	55	11.0	14.9	VuEN007I27
K11M00D	C2011	06	27.15545	15	59	12.65	+25	54	57.7	14.8	VuEN007I27
K11M00D	C2011	06	27.15560	15	59	11.67	+25	54	45.1	14.8	VuEN007I27
K11M00D	C2011	06	27.15575	15	59	10.65	+25	54	32.9	14.9	VuEN007I27
K11M00D	C2011	06	27.15589	15	59	09.70	+25	54	20.1	15.0	VuEN007I27
K11M00D	C2011	06	27.15604	15	59	08.68	+25	54	07.4	14.8	VuEN007I27
K11M00D	C2011	06	27.15619	15	59	07.65	+25	53	54.6	15.0	VuEN007I27
K11M00D	C2011	06	27.15634	15	59	06.64	+25	53	41.9	15.2	VuEN007I27
K11M00D	C2011	06	27.15650	15	59	05.61	+25	53	28.5	15.0	VuEN007I27
K11M00D	C2011	06	27.15666	15	59	04.57	+25	53	15.4	15.0	VuEN007I27
K11M00D	C2011	06	27.15681	15	59	03.55	+25	53	02.0	15.1	VuEN007I27
K11M00D	C2011	06	27.15696	15	59	02.52	+25	52	49.1	15.3	VuEN007I27
K11M00D	C2011	06	27.15711	15	59	01.53	+25	52	36.2	14.9	VuEN007I27
K11M00D	C2011	06	27.15726	15	59	00.51	+25	52	23.3	15.0	VuEN007I27
K11M00D	C2011	06	27.15741	15	58	59.45	+25	52	10.0	15.0	VuEN007I27
K11M00D	C2011	06	27.15756	15	58	58.45	+25	51	57.0	14.9	VuEN007I27
K11M00D	C2011	06	27.15770	15	58	57.47	+25	51	44.5	15.2	VuEN007I27
K11M00D	C2011	06	27.15785	15	58	56.46	+25	51	32.2	14.9	VuEN007I27
K11M00D	C2011	06	27.15800	15	58	55.44	+25	51	18.8	15.0	VuEN007I27
K11M00D	C2011	06	27.15815	15	58	54.42	+25	51	05.3	15.1	VuEN007I27
K11M00D	C2011	06	27.15831	15	58	53.39	+25	50	52.3	14.9	VuEN007I27
K11M00D	C2011	06	27.15846	15	58	52.36	+25	50	38.9	15.3	VuEN007I27
K11M00D	C2011	06	27.15906	15	58	48.26	+25	49	46.9	15.2	VuEN007I27
K11M00D	C2011	06	27.15921	15	58	47.18	+25	49	33.3	15.0	VuEN007I27
K11M00D	C2011	06	27.15936	15	58	46.19	+25	49	20.6	15.0	VuEN007I27
K11M00D	C2011	06	27.15951	15	58	45.13	+25	49	06.7	15.2	VuEN007I27
K11M00D	C2011	06	27.15968	15	58	44.09	+25	48	53.2	15.3	VuEN007I27
K11M00D	C2011	06	27.15983	15	58	43.06	+25	48	39.9	15.5	VuEN007I27
K11M00D	C2011	06	27.15998	15	58	42.02	+25	48	27.0	15.7	VuEN007I27
K11M00D	C2011	06	27.16013	15	58	40.98	+25	48	13.5	15.3	VuEN007I27
K11M00D	C2011	06	27.16028	15	58	39.97	+25	48	00.7	15.2	VuEN007I27
K11M00D	C2011	06	27.16043	15	58	38.99	+25	47	47.7	15.7	VuEN007I27
K11M00D	C2011	06	27.16057	15	58	37.97	+25	47	34.9	16.0	VuEN007I27
K11M00D	C2011	06	27.16072	15	58	36.96	+25	47	21.4	15.4	VuEN007I27
K11M00D	C2011	06	27.16087	15	58	35.94	+25	47	08.8	15.5	VuEN007I27
K11M00D	C2011	06	27.16102	15	58	34.93	+25	46	55.1	15.3	VuEN007I27
K11M00D	C2011	06	27.16117	15	58	33.88	+25	46	42.2	15.7	VuEN007I27
K11M00D	C2011	06	27.16132	15	58	32.88	+25	46	28.9	15.8	VuEN007I27
K11M00D	C2011	06	27.16147	15	58	31.84	+25	46	15.7	15.2	VuEN007I27
K11M00D	C2011	06	27.16162	15	58	30.82	+25	46	02.2	15.4	VuEN007I27
K11M00D	C2011	06	27.16177	15	58	29.75	+25	45	49.0	15.0	VuEN007I27
K11M00D	C2011	06	27.16192	15	58	28.76	+25	45	36.1	15.5	VuEN007I27
K11M00D	C2011	06	27.16207	15	58	27.72	+25	45	22.8	15.0	VuEN007I27
K11M00D	C2011	06	27.16222	15	58	26.73	+25	45	10.0	15.0	VuEN007I27
K11M00D	C2011	06	27.16237	15	58	25.70	+25	44	56.3	14.7	VuEN007I27
K11M00D	C2011	06	27.16252	15	58	24.65	+25	44	43.0	14.9	VuEN007I27
K11M00D	C2011	06	27.16267	15	58	23.64	+25	44	29.9	14.8	VuEN007I27
K11M00D	C2011	06	27.16282	15	58	22.61	+25	44	16.7	15.1	VuEN007I27
K11M00D	C2011	06	27.16296	15	58	21.61	+25	44	04.0	15.0	VuEN007I27
K11M00D	C2011	06	27.16311	15	58	20.60	+25	43	50.8	15.0	VuEN007I27
K11M00D	C2011	06	27.16326	15	58	19.59	+25	43	37.5	14.8	VuEN007I27
K11M00D	C2011	06	27.16341	15	58	18.60	+25	43	24.3	14.8	VuEN007I27
K11M00D	C2011	06	27.16355	15	58	17.60	+25	43	11.8	15.0	VuEN007I27
K11M00D	C2011	06	27.16370	15	58	16.61	+25	42	58.6	15.0	VuEN007I27
K11M00D	C2011	06	27.16385	15	58	15.60	+25	42	45.6	15.1	VuEN007I27
K11M00D	C2011	06	27.16399	15	58	14.58	+25	42	32.2	14.9	VuEN007I27
K11M00D	C2011	06	27.16414	15	58	13.55	+25	42	19.2	15.1	VuEN007I27
K11M00D	C2011	06	27.16429	15	58	12.56	+25	42	06.1	15.3	VuEN007I27
K11M00D	C2011	06	27.16444	15	58	11.53	+25	41	53.0	15.1	VuEN007I27
K11M00D	C2011	06	27.16458	15	58	10.55	+25	41	40.1	14.8	VuEN007I27
K11M00D	C2011	06	27.16473	15	58	09.54	+25	41	26.9	14.9	VuEN007I27
K11M00D	C2011	06	27.16488	15	58	08.48	+25	41	13.1	14.9	VuEN007I27
K11M00D	C2011	06	27.16503	15	58	07.46	+25	41	00.2	15.2	VuEN007I27
K11M00D	C2011	06	27.16519	15	58	06.44	+25	40	46.6	15.1	VuEN007I27
K11M00D	C2011	06	27.16534	15	58	05.44	+25	40	33.4	15.0	VuEN007I27
K11M00D	C2011	06	27.16578	15	58	02.40	+25	39	54.1	15.1	VuEN007I27
K11M00D	C2011	06	27.16591	15	58	01.42	+25	39	40.9	14.9	VuEN007I27
K11M00D	C2011	06	27.16606	15	58	00.42	+25	39	27.5	15.0	VuEN007I27
K11M00D	C2011	06	27.16622	15	57	59.36	+25	39	14.3	15.2	VuEN007I27
K11M00D	C2011	06	27.16637	15	57	58.28	+25	39	00.5	14.8	VuEN007I27
K11M00D	C2011	06	27.16652	15	57	57.26	+25	38	47.0	15.1	VuEN007I27
K11M00D	C2011	06	27.16667	15	57	56.28	+25	38	34.0	15.2	VuEN007I27
K11M00D	C2011	06	27.16682	15	57	55.28	+25	38	20.7	14.9	VuEN007I27

K11M00D	C2011	06	27.16696	15	57	54.25	+25	38	07.3	14.9	VuEN007I27
K11M00D	C2011	06	27.16711	15	57	53.23	+25	37	54.2	15.2	VuEN007I27
K11M00D	C2011	06	27.16726	15	57	52.22	+25	37	41.0	14.8	VuEN007I27
K11M00D	C2011	06	27.16741	15	57	51.21	+25	37	27.4	15.0	VuEN007I27
K11M00D	C2011	06	27.16755	15	57	50.18	+25	37	13.9	15.1	VuEN007I27
K11M00D	C2011	06	27.16770	15	57	49.17	+25	37	00.9	15.3	VuEN007I27
K11M00D	C2011	06	27.16785	15	57	48.15	+25	36	47.8	15.2	VuEN007I27
K11M00D	C2011	06	27.16799	15	57	47.14	+25	36	34.4	15.3	VuEN007I27
K11M00D	C2011	06	27.16814	15	57	46.14	+25	36	21.1	15.2	VuEN007I27
K11M00D	C2011	06	27.16829	15	57	45.14	+25	36	07.8	15.7	VuEN007I27
K11M00D	C2011	06	27.16843	15	57	44.12	+25	35	54.7	15.8	VuEN007I27
K11M00D	C2011	06	27.16858	15	57	43.09	+25	35	41.0	15.5	VuEN007I27
K11M00D	C2011	06	27.16873	15	57	42.08	+25	35	27.7	15.9	VuEN007I27
K11M00D	C2011	06	27.16888	15	57	41.06	+25	35	13.9	15.5	VuEN007I27
K11M00D	C2011	06	27.16903	15	57	40.04	+25	35	01.1	15.5	VuEN007I27
K11M00D	C2011	06	27.16917	15	57	39.02	+25	34	47.5	15.5	VuEN007I27
K11M00D	C2011	06	27.16932	15	57	38.01	+25	34	34.4	15.6	VuEN007I27
K11M00D	C2011	06	27.16946	15	57	37.01	+25	34	21.0	15.1	VuEN007I27
K11M00D	C2011	06	27.16961	15	57	36.01	+25	34	07.7	15.3	VuEN007I27
K11M00D	C2011	06	27.16976	15	57	34.98	+25	33	54.8	15.1	VuEN007I27
K11M00D	C2011	06	27.16991	15	57	33.94	+25	33	40.9	15.1	VuEN007I27
K11M00D	C2011	06	27.17005	15	57	32.94	+25	33	27.6	15.0	VuEN007I27
K11M00D	C2011	06	27.17020	15	57	31.94	+25	33	14.3	15.0	VuEN007I27
K11M00D	C2011	06	27.17034	15	57	30.93	+25	33	00.9	15.0	VuEN007I27
K11M00D	C2011	06	27.17049	15	57	29.89	+25	32	47.3	15.0	VuEN007I27
K11M00D	C2011	06	27.17064	15	57	28.89	+25	32	33.8	14.9	VuEN007I27
K11M00D	C2011	06	27.17079	15	57	27.84	+25	32	20.2	14.8	VuEN007I27
K11M00D	C2011	06	27.17093	15	57	26.81	+25	32	07.1	14.9	VuEN007I27
K11M00D	C2011	06	27.17108	15	57	25.82	+25	31	53.6	14.9	VuEN007I27
K11M00D	C2011	06	27.17123	15	57	24.78	+25	31	39.5	15.2	VuEN007I27
K11M00D	C2011	06	27.17138	15	57	23.76	+25	31	26.6	14.9	VuEN007I27
K11M00D	C2011	06	27.17153	15	57	22.72	+25	31	12.5	14.8	VuEN007I27
K11M00D	C2011	06	27.17167	15	57	21.72	+25	30	58.9	14.9	VuEN007I27
K11M00D	C2011	06	27.17182	15	57	20.70	+25	30	45.7	14.9	VuEN007I27
K11M00D	C2011	06	27.17197	15	57	19.68	+25	30	32.4	14.9	VuEN007I27
K11M00D	C2011	06	27.17211	15	57	18.67	+25	30	18.7	15.1	VuEN007I27
K11M00D	C2011	06	27.17226	15	57	17.64	+25	30	05.2	14.9	VuEN007I27
K11M00D	C2011	06	27.17241	15	57	16.60	+25	29	51.2	14.8	VuEN007I27
K11M00D	C2011	06	27.17256	15	57	15.56	+25	29	37.6	14.7	VuEN007I27
K11M00D	C2011	06	27.17271	15	57	14.55	+25	29	24.0	15.0	VuEN007I27
K11M00D	C2011	06	27.17285	15	57	13.54	+25	29	10.7	15.1	VuEN007I27
K11M00D	C2011	06	27.17300	15	57	12.51	+25	28	56.7	14.8	VuEN007I27
K11M00D	C2011	06	27.17315	15	57	11.50	+25	28	43.6	15.1	VuEN007I27
K11M00D	C2011	06	27.17329	15	57	10.48	+25	28	29.9	15.0	VuEN007I27
K11M00D	C2011	06	27.17344	15	57	09.44	+25	28	16.6	15.0	VuEN007I27
K11M00D	C2011	06	27.17359	15	57	08.42	+25	28	02.6	15.0	VuEN007I27
K11M00D	C2011	06	27.17374	15	57	07.38	+25	27	49.0	14.9	VuEN007I27
K11M00D	C2011	06	27.17389	15	57	06.36	+25	27	35.4	15.0	VuEN007I27
K11M00D	C2011	06	27.17403	15	57	05.31	+25	27	21.4	14.8	VuEN007I27
K11M00D	C2011	06	27.17418	15	57	04.32	+25	27	07.5	15.1	VuEN007I27
K11M00D	C2011	06	27.17433	15	57	03.30	+25	26	54.2	14.9	VuEN007I27
K11M00D	C2011	06	27.17447	15	57	02.24	+25	26	40.7	14.6	VuEN007I27
K11M00D	C2011	06	27.17462	15	57	01.24	+25	26	26.7	15.1	VuEN007I27
K11M00D	C2011	06	27.17477	15	57	00.20	+25	26	13.1	14.8	VuEN007I27
K11M00D	C2011	06	27.17491	15	56	59.18	+25	25	59.7	14.9	VuEN007I27
K11M00D	C2011	06	27.17506	15	56	58.18	+25	25	46.0	14.9	VuEN007I27
K11M00D	C2011	06	27.17521	15	56	57.14	+25	25	32.2	14.8	VuEN007I27
K11M00D	C2011	06	27.17536	15	56	56.09	+25	25	17.7	15.3	VuEN007I27
K11M00D	C2011	06	27.17551	15	56	55.01	+25	25	03.9	14.7	VuEN007I27
K11M00D	C2011	06	27.17566	15	56	53.93	+25	24	49.2	15.1	VuEN007I27
K11M00D	C2011	06	27.17581	15	56	52.89	+25	24	35.4	15.2	VuEN007I27
K11M00D	C2011	06	27.17596	15	56	51.86	+25	24	22.0	15.3	VuEN007I27
K11M00D	C2011	06	27.17611	15	56	50.85	+25	24	07.9	15.4	VuEN007I27
K11M00D	C2011	06	27.17625	15	56	49.82	+25	23	54.2	15.7	VuEN007I27
K11M00D	C2011	06	27.17640	15	56	48.80	+25	23	40.0	15.2	VuEN007I27
K11M00D	C2011	06	27.17655	15	56	47.80	+25	23	27.2	15.8	VuEN007I27
K11M00D	C2011	06	27.17669	15	56	46.76	+25	23	12.8	15.7	VuEN007I27
K11M00D	C2011	06	27.17684	15	56	45.78	+25	22	59.0	15.3	VuEN007I27
K11M00D	C2011	06	27.17699	15	56	44.74	+25	22	44.4	14.6	VuEN007I27
K11M00D	C2011	06	27.17714	15	56	43.69	+25	22	32.0	15.9	VuEN007I27
K11M00D	C2011	06	27.17729	15	56	42.63	+25	22	17.8	15.5	VuEN007I27
K11M00D	C2011	06	27.17743	15	56	41.60	+25	22	03.2	15.5	VuEN007I27
K11M00D	C2011	06	27.17758	15	56	40.59	+25	21	50.0	15.4	VuEN007I27
K11M00D	C2011	06	27.17773	15	56	39.52	+25	21	36.1	15.1	VuEN007I27
K11M00D	C2011	06	27.17787	15	56	38.50	+25	21	22.4	15.0	VuEN007I27
K11M00D	C2011	06	27.17802	15	56	37.49	+25	21	08.1	14.9	VuEN007I27
K11M00D	C2011	06	27.17817	15	56	36.44	+25	20	54.3	15.2	VuEN007I27

K11M00D	C2011	06	27.17875	15	56	32.33	+25	19	59.1	15.0	VuEN007I27
K11M00D	C2011	06	27.17890	15	56	31.33	+25	19	45.2	14.8	VuEN007I27
K11M00D	C2011	06	27.17905	15	56	30.29	+25	19	31.5	14.8	VuEN007I27
K11M00D	C2011	06	27.17919	15	56	29.28	+25	19	17.4	15.0	VuEN007I27
K11M00D	C2011	06	27.17934	15	56	28.25	+25	19	03.8	15.0	VuEN007I27
K11M00D	C2011	06	27.17949	15	56	27.22	+25	18	49.7	14.7	VuEN007I27
K11M00D	C2011	06	27.17964	15	56	26.16	+25	18	35.7	15.0	VuEN007I27
K11M00D	C2011	06	27.17978	15	56	25.11	+25	18	21.5	14.7	VuEN007I27
K11M00D	C2011	06	27.17993	15	56	24.09	+25	18	07.7	14.8	VuEN007I27
K11M00D	C2011	06	27.18008	15	56	23.06	+25	17	53.7	15.0	VuEN007I27
K11M00D	C2011	06	27.18023	15	56	22.00	+25	17	39.5	15.1	VuEN007I27
K11M00D	C2011	06	27.18038	15	56	20.97	+25	17	24.7	15.0	VuEN007I27
K11M00D	C2011	06	27.18053	15	56	19.91	+25	17	10.7	15.1	VuEN007I27
K11M00D	C2011	06	27.18067	15	56	18.86	+25	16	56.8	14.9	VuEN007I27
K11M00D	C2011	06	27.18082	15	56	17.82	+25	16	42.5	14.9	VuEN007I27
K11M00D	C2011	06	27.18097	15	56	16.84	+25	16	28.2	14.9	VuEN007I27
K11M00D	C2011	06	27.18112	15	56	15.73	+25	16	14.4	14.8	VuEN007I27
K11M00D	C2011	06	27.18126	15	56	14.74	+25	16	00.4	14.7	VuEN007I27
K11M00D	C2011	06	27.18141	15	56	13.70	+25	15	46.3	14.7	VuEN007I27
K11M00D	C2011	06	27.18155	15	56	12.69	+25	15	32.5	14.9	VuEN007I27
K11M00D	C2011	06	27.18170	15	56	11.64	+25	15	18.4	14.9	VuEN007I27
K11M00D	C2011	06	27.18185	15	56	10.66	+25	15	04.4	14.9	VuEN007I27
K11M00D	C2011	06	27.18199	15	56	09.61	+25	14	50.3	14.7	VuEN007I27
K11M00D	C2011	06	27.18214	15	56	08.58	+25	14	36.3	14.9	VuEN007I27
K11M00D	C2011	06	27.18229	15	56	07.52	+25	14	22.3	15.1	VuEN007I27
K11M00D	C2011	06	27.18244	15	56	06.52	+25	14	08.2	14.9	VuEN007I27
K11M00D	C2011	06	27.18258	15	56	05.44	+25	13	54.1	14.6	VuEN007I27
K11M00D	C2011	06	27.18273	15	56	04.39	+25	13	39.2	14.9	VuEN007I27
K11M00D	C2011	06	27.18288	15	56	03.31	+25	13	24.5	15.3	VuEN007I27
K11M00D	C2011	06	27.18303	15	56	02.29	+25	13	11.2	14.9	VuEN007I27
K11M00D	C2011	06	27.18318	15	56	01.27	+25	12	56.4	14.8	VuEN007I27
K11M00D	C2011	06	27.18333	15	56	00.19	+25	12	42.1	14.9	VuEN007I27
K11M00D	C2011	06	27.18378	15	55	56.97	+25	11	57.9	15.5	VuEN007I27
K11M00D	C2011	06	27.18394	15	55	55.91	+25	11	43.6	15.5	VuEN007I27
K11M00D	C2011	06	27.18424	15	55	53.80	+25	11	14.7	15.1	VuEN007I27
K11M00D	C2011	06	27.18439	15	55	52.74	+25	11	00.1	15.2	VuEN007I27
K11M00D	C2011	06	27.18454	15	55	51.70	+25	10	45.8	15.6	VuEN007I27
K11M00D	C2011	06	27.18469	15	55	50.65	+25	10	31.3	15.9	VuEN007I27
K11M00D	C2011	06	27.18514	15	55	47.45	+25	09	46.7	15.9	VuEN007I27
K11M00D	C2011	06	27.18529	15	55	46.35	+25	09	32.1	15.3	VuEN007I27
K11M00D	C2011	06	27.18544	15	55	45.28	+25	09	17.8	15.4	VuEN007I27
K11M00D	C2011	06	27.18560	15	55	44.20	+25	09	02.8	15.2	VuEN007I27
K11M00D	C2011	06	27.18574	15	55	43.20	+25	08	47.9	15.0	VuEN007I27
K11M00D	C2011	06	27.18589	15	55	42.12	+25	08	34.1	15.0	VuEN007I27
K11M00D	C2011	06	27.18604	15	55	41.08	+25	08	19.4	15.1	VuEN007I27
K11M00D	C2011	06	27.18648	15	55	37.97	+25	07	36.6	15.1	VuEN007I27
K11M00D	C2011	06	27.18662	15	55	36.92	+25	07	22.2	15.2	VuEN007I27
K11M00D	C2011	06	27.18677	15	55	35.90	+25	07	08.0	15.2	VuEN007I27
K11M00D	C2011	06	27.18692	15	55	34.88	+25	06	53.5	14.9	VuEN007I27
K11M00D	C2011	06	27.18706	15	55	33.83	+25	06	39.2	15.0	VuEN007I27
K11M00D	C2011	06	27.18721	15	55	32.80	+25	06	24.8	14.9	VuEN007I27
K11M00D	C2011	06	27.18736	15	55	31.72	+25	06	10.2	15.0	VuEN007I27
K11M00D	C2011	06	27.18751	15	55	30.68	+25	05	55.9	14.8	VuEN007I27
K11M00D	C2011	06	27.18766	15	55	29.60	+25	05	41.0	15.0	VuEN007I27
K11M00D	C2011	06	27.18781	15	55	28.54	+25	05	26.3	14.7	VuEN007I27
K11M00D	C2011	06	27.18796	15	55	27.46	+25	05	11.1	14.8	VuEN007I27
K11M00D	C2011	06	27.18811	15	55	26.38	+25	04	56.5	14.8	VuEN007I27
K11M00D	C2011	06	27.18826	15	55	25.28	+25	04	41.5	14.8	VuEN007I27
K11M00D	C2011	06	27.18856	15	55	23.17	+25	04	11.8	14.9	VuEN007I27
K11M00D	C2011	06	27.18872	15	55	22.11	+25	03	57.4	15.0	VuEN007I27
K11M00D	C2011	06	27.18887	15	55	21.01	+25	03	41.7	15.0	VuEN007I27
K11M00D	C2011	06	27.18902	15	55	19.92	+25	03	26.9	14.9	VuEN007I27
K11M00D	C2011	06	27.18918	15	55	18.83	+25	03	11.7	14.8	VuEN007I27
K11M00D	C2011	06	27.18948	15	55	16.72	+25	02	41.9	14.6	VuEN007I27
K11M00D	C2011	06	27.18963	15	55	15.63	+25	02	27.0	14.8	VuEN007I27
K11M00D	C2011	06	27.18978	15	55	14.57	+25	02	12.3	14.9	VuEN007I27
K11M00D	C2011	06	27.18993	15	55	13.48	+25	01	56.9	14.9	VuEN007I27
K11M00D	C2011	06	27.19008	15	55	12.42	+25	01	42.0	14.8	VuEN007I27
K11M00D	C2011	06	27.19038	15	55	10.28	+25	01	12.5	14.8	VuEN007I27
K11M00D	C2011	06	27.19053	15	55	09.22	+25	00	57.6	14.9	VuEN007I27
K11M00D	C2011	06	27.19067	15	55	08.19	+25	00	42.9	14.9	VuEN007I27
K11M00D	C2011	06	27.19082	15	55	07.08	+25	00	28.0	15.0	VuEN007I27
K11M00D	C2011	06	27.19097	15	55	06.04	+25	00	13.2	14.8	VuEN007I27
K11M00D	C2011	06	27.19112	15	55	05.00	+24	59	58.6	15.2	VuEN007I27
K11M00D	C2011	06	27.19127	15	55	03.95	+24	59	43.8	14.8	VuEN007I27
K11M00D	C2011	06	27.19142	15	55	02.89	+24	59	29.0	15.0	VuEN007I27
K11M00D	C2011	06	27.19157	15	55	01.79	+24	59	14.0	15.2	VuEN007I27

K11M00D	C2011	06	27.19172	15	55	00.73	+24	58	59.1	15.1	VuEN007I27
K11M00D	C2011	06	27.19186	15	54	59.69	+24	58	44.2	15.2	VuEN007I27
K11M00D	C2011	06	27.19203	15	54	58.64	+24	58	29.2	15.3	VuEN007I27
K11M00D	C2011	06	27.19218	15	54	57.50	+24	58	13.4	15.2	VuEN007I27
K11M00D	C2011	06	27.19233	15	54	56.43	+24	57	58.5	15.6	VuEN007I27
K11M00D	C2011	06	27.19248	15	54	55.36	+24	57	43.4	15.8	VuEN007I27
K11M00D	C2011	06	27.19263	15	54	54.29	+24	57	27.9	15.2	VuEN007I27
K11M00D	C2011	06	27.19278	15	54	53.18	+24	57	12.7	15.1	VuEN007I27
K11M00D	C2011	06	27.19294	15	54	52.09	+24	56	57.5	15.6	VuEN007I27
K11M00D	C2011	06	27.19309	15	54	50.97	+24	56	42.5	16.3	VuEN007I27
K11M00D	C2011	06	27.19324	15	54	49.92	+24	56	26.9	15.7	VuEN007I27
K11M00D	C2011	06	27.19339	15	54	48.85	+24	56	12.1	15.3	VuEN007I27
K11M00D	C2011	06	27.19354	15	54	47.75	+24	55	56.7	15.5	VuEN007I27
K11M00D	C2011	06	27.19369	15	54	46.64	+24	55	41.1	15.3	VuEN007I27
K11M00D	C2011	06	27.19384	15	54	45.57	+24	55	26.1	15.4	VuEN007I27
K11M00D	C2011	06	27.19399	15	54	44.50	+24	55	10.8	15.0	VuEN007I27
K11M00D	C2011	06	27.19414	15	54	43.43	+24	54	55.5	15.1	VuEN007I27
K11M00D	C2011	06	27.19429	15	54	42.35	+24	54	40.4	15.1	VuEN007I27
K11M00D	C2011	06	27.19446	15	54	41.27	+24	54	25.4	15.0	VuEN007I27
K11M00D	C2011	06	27.19461	15	54	40.16	+24	54	09.8	14.6	VuEN007I27
K11M00D	C2011	06	27.19476	15	54	39.11	+24	53	54.5	14.8	VuEN007I27
K11M00D	C2011	06	27.19491	15	54	38.04	+24	53	39.5	15.3	VuEN007I27
K11M00D	C2011	06	27.19506	15	54	36.92	+24	53	23.8	15.0	VuEN007I27
K11M00D	C2011	06	27.19551	15	54	33.68	+24	52	37.5	14.8	VuEN007I27
K11M00D	C2011	06	27.19566	15	54	32.59	+24	52	22.4	14.7	VuEN007I27
K11M00D	C2011	06	27.19582	15	54	31.48	+24	52	07.0	14.9	VuEN007I27
K11M00D	C2011	06	27.19597	15	54	30.40	+24	51	51.4	14.8	VuEN007I27
K11M00D	C2011	06	27.19612	15	54	29.29	+24	51	36.0	15.0	VuEN007I27
K11M00D	C2011	06	27.19627	15	54	28.24	+24	51	20.3	14.6	VuEN007I27
K11M00D	C2011	06	27.19642	15	54	27.16	+24	51	05.7	14.7	VuEN007I27
K11M00D	C2011	06	27.19657	15	54	26.09	+24	50	50.1	14.9	VuEN007I27
K11M00D	C2011	06	27.19672	15	54	25.04	+24	50	35.3	15.1	VuEN007I27
K11M00D	C2011	06	27.19686	15	54	23.92	+24	50	19.4	14.9	VuEN007I27
K11M00D	C2011	06	27.19703	15	54	22.89	+24	50	04.4	14.8	VuEN007I27
K11M00D	C2011	06	27.19716	15	54	21.80	+24	49	49.3	14.7	VuEN007I27
K11M00D	C2011	06	27.19731	15	54	20.72	+24	49	33.8	14.9	VuEN007I27
K11M00D	C2011	06	27.19748	15	54	19.63	+24	49	18.0	14.7	VuEN007I27
K11M00D	C2011	06	27.19762	15	54	18.58	+24	49	03.1	14.7	VuEN007I27
K11M00D	C2011	06	27.19777	15	54	17.50	+24	48	47.8	14.9	VuEN007I27
K11M00D	C2011	06	27.19822	15	54	14.28	+24	48	02.0	14.7	VuEN007I27
K11M00D	C2011	06	27.19837	15	54	13.21	+24	47	46.6	14.9	VuEN007I27
K11M00D	C2011	06	27.19852	15	54	12.15	+24	47	31.4	14.8	VuEN007I27
K11M00D	C2011	06	27.19866	15	54	11.08	+24	47	16.1	14.8	VuEN007I27
K11M00D	C2011	06	27.19881	15	54	10.01	+24	47	00.7	14.9	VuEN007I27
K11M00D	C2011	06	27.19896	15	54	08.95	+24	46	45.6	14.6	VuEN007I27
K11M00D	C2011	06	27.19911	15	54	07.88	+24	46	30.1	14.8	VuEN007I27
K11M00D	C2011	06	27.19926	15	54	06.80	+24	46	15.1	14.8	VuEN007I27
K11M00D	C2011	06	27.19941	15	54	05.74	+24	45	59.8	15.0	VuEN007I27
K11M00D	C2011	06	27.19955	15	54	04.69	+24	45	44.2	14.9	VuEN007I27
K11M00D	C2011	06	27.19970	15	54	03.62	+24	45	29.0	14.7	VuEN007I27
K11M00D	C2011	06	27.19985	15	54	02.53	+24	45	13.6	14.8	VuEN007I27
K11M00D	C2011	06	27.20000	15	54	01.44	+24	44	57.7	15.1	VuEN007I27
K11M00D	C2011	06	27.20015	15	54	00.35	+24	44	43.2	15.9	VuEN007I27
K11M00D	C2011	06	27.20030	15	53	59.27	+24	44	26.8	15.2	VuEN007I27
K11M00D	C2011	06	27.20090	15	53	54.99	+24	43	25.1	15.6	VuEN007I27
K11M00D	C2011	06	27.20105	15	53	53.89	+24	43	09.4	15.5	VuEN007I27
K11M00D	C2011	06	27.20120	15	53	52.79	+24	42	54.0	15.7	VuEN007I27
K11M00D	C2011	06	27.20150	15	53	50.62	+24	42	22.6	15.1	VuEN007I27
K11M00D	C2011	06	27.20166	15	53	49.51	+24	42	06.9	15.2	VuEN007I27
K11M00D	C2011	06	27.20181	15	53	48.48	+24	41	51.4	14.9	VuEN007I27
K11M00D	C2011	06	27.20196	15	53	47.43	+24	41	36.1	15.1	VuEN007I27
K11M00D	C2011	06	27.20211	15	53	46.30	+24	41	19.9	15.3	VuEN007I27
K11M00D	C2011	06	27.20226	15	53	45.19	+24	41	04.1	15.1	VuEN007I27
K11M00D	C2011	06	27.20241	15	53	44.13	+24	40	48.4	15.1	VuEN007I27
K11M00D	C2011	06	27.20256	15	53	43.05	+24	40	32.8	14.9	VuEN007I27
K11M00D	C2011	06	27.20271	15	53	41.99	+24	40	17.2	14.7	VuEN007I27
K11M00D	C2011	06	27.20286	15	53	40.89	+24	40	01.9	15.0	VuEN007I27
K11M00D	C2011	06	27.20301	15	53	39.83	+24	39	46.3	14.7	VuEN007I27
K11M00D	C2011	06	27.20316	15	53	38.71	+24	39	29.8	14.9	VuEN007I27
K11M00D	C2011	06	27.20331	15	53	37.57	+24	39	13.7	14.8	VuEN007I27
K11M00D	C2011	06	27.20346	15	53	36.53	+24	38	58.5	14.9	VuEN007I27
K11M00D	C2011	06	27.20361	15	53	35.39	+24	38	42.0	14.7	VuEN007I27
K11M00D	C2011	06	27.20376	15	53	34.32	+24	38	26.4	15.0	VuEN007I27
K11M00D	C2011	06	27.20391	15	53	33.25	+24	38	10.7	14.8	VuEN007I27
K11M00D	C2011	06	27.20407	15	53	32.12	+24	37	54.4	14.8	VuEN007I27
K11M00D	C2011	06	27.20422	15	53	31.02	+24	37	38.4	14.7	VuEN007I27
K11M00D	C2011	06	27.20438	15	53	29.90	+24	37	22.2	14.9	VuEN007I27

K11M00D	C2011	06	27.20453	15	53	28.82	+24	37	06.6	14.7	VuEN007I27
K11M00D	C2011	06	27.20468	15	53	27.73	+24	36	51.1	14.9	VuEN007I27
K11M00D	C2011	06	27.20483	15	53	26.65	+24	36	35.2	14.8	VuEN007I27
K11M00D	C2011	06	27.20498	15	53	25.57	+24	36	18.9	15.0	VuEN007I27
K11M00D	C2011	06	27.20513	15	53	24.46	+24	36	03.1	14.7	VuEN007I27
K11M00D	C2011	06	27.20528	15	53	23.39	+24	35	47.4	15.1	VuEN007I27
K11M00D	C2011	06	27.20558	15	53	21.21	+24	35	15.1	14.6	VuEN007I27
K11M00D	C2011	06	27.20573	15	53	20.09	+24	34	59.3	15.0	VuEN007I27
K11M00D	C2011	06	27.20588	15	53	19.01	+24	34	43.4	14.8	VuEN007I27
K11M00D	C2011	06	27.20648	15	53	14.65	+24	33	39.9	15.0	VuEN007I27
K11M00D	C2011	06	27.20663	15	53	13.58	+24	33	24.1	15.2	VuEN007I27
K11M00D	C2011	06	27.20678	15	53	12.47	+24	33	08.0	14.8	VuEN007I27
K11M00D	C2011	06	27.20693	15	53	11.41	+24	32	52.6	14.8	VuEN007I27
K11M00D	C2011	06	27.20708	15	53	10.37	+24	32	36.9	14.8	VuEN007I27
K11M00D	C2011	06	27.20722	15	53	09.28	+24	32	21.1	14.7	VuEN007I27
K11M00D	C2011	06	27.20737	15	53	08.24	+24	32	05.6	14.9	VuEN007I27
K11M00D	C2011	06	27.20752	15	53	07.14	+24	31	49.7	14.9	VuEN007I27
K11M00D	C2011	06	27.20767	15	53	06.05	+24	31	33.7	15.2	VuEN007I27
K11M00D	C2011	06	27.20782	15	53	04.93	+24	31	17.3	14.9	VuEN007I27
K11M00D	C2011	06	27.20797	15	53	03.86	+24	31	01.4	15.2	VuEN007I27
K11M00D	C2011	06	27.20812	15	53	02.75	+24	30	45.7	15.2	VuEN007I27
K11M00D	C2011	06	27.20828	15	53	01.72	+24	30	29.8	15.4	VuEN007I27
K11M00D	C2011	06	27.20843	15	53	00.56	+24	30	13.4	14.9	VuEN007I27
K11M00D	C2011	06	27.20858	15	52	59.52	+24	29	57.6	15.0	VuEN007I27
K11M00D	C2011	06	27.20873	15	52	58.40	+24	29	41.6	15.6	VuEN007I27
K11M00D	C2011	06	27.20887	15	52	57.32	+24	29	25.5	15.4	VuEN007I27
K11M00D	C2011	06	27.20902	15	52	56.30	+24	29	09.7	16.0	VuEN007I27
K11M00D	C2011	06	27.20917	15	52	55.19	+24	28	54.2	15.5	VuEN007I27
K11M00D	C2011	06	27.20932	15	52	54.14	+24	28	37.7	15.4	VuEN007I27
K11M00D	C2011	06	27.20946	15	52	53.07	+24	28	22.4	15.3	VuEN007I27
K11M00D	C2011	06	27.20961	15	52	52.00	+24	28	06.3	15.4	VuEN007I27
K11M00D	C2011	06	27.20976	15	52	50.92	+24	27	50.6	15.5	VuEN007I27
K11M00D	C2011	06	27.20991	15	52	49.81	+24	27	34.2	15.4	VuEN007I27
K11M00D	C2011	06	27.21006	15	52	48.67	+24	27	17.9	15.4	VuEN007I27
K11M00D	C2011	06	27.21021	15	52	47.62	+24	27	01.8	15.3	VuEN007I27
K11M00D	C2011	06	27.21036	15	52	46.53	+24	26	45.8	15.1	VuEN007I27
K11M00D	C2011	06	27.21051	15	52	45.48	+24	26	30.1	14.8	VuEN007I27
K11M00D	C2011	06	27.21065	15	52	44.41	+24	26	14.1	14.8	VuEN007I27
K11M00D	C2011	06	27.21080	15	52	43.36	+24	25	58.7	14.8	VuEN007I27
K11M00D	C2011	06	27.21095	15	52	42.28	+24	25	42.6	14.7	VuEN007I27
K11M00D	C2011	06	27.21109	15	52	41.19	+24	25	26.3	14.8	VuEN007I27
K11M00D	C2011	06	27.21124	15	52	40.11	+24	25	10.7	14.9	VuEN007I27
K11M00D	C2011	06	27.21140	15	52	38.97	+24	24	53.7	14.7	VuEN007I27
K11M00D	C2011	06	27.21155	15	52	37.87	+24	24	37.2	14.9	VuEN007I27
K11M00D	C2011	06	27.21170	15	52	36.77	+24	24	20.8	14.6	VuEN007I27
K11M00D	C2011	06	27.21185	15	52	35.67	+24	24	04.6	14.8	VuEN007I27
K11M00D	C2011	06	27.21200	15	52	34.59	+24	23	48.5	14.8	VuEN007I27
K11M00D	C2011	06	27.21215	15	52	33.50	+24	23	32.2	14.7	VuEN007I27
K11M00D	C2011	06	27.21230	15	52	32.37	+24	23	15.6	14.8	VuEN007I27
K11M00D	C2011	06	27.21245	15	52	31.30	+24	22	59.2	14.8	VuEN007I27
K11M00D	C2011	06	27.21260	15	52	30.14	+24	22	42.4	14.6	VuEN007I27
K11M00D	C2011	06	27.21277	15	52	29.00	+24	22	25.3	14.8	VuEN007I27
K11M00D	C2011	06	27.21292	15	52	27.97	+24	22	09.4	14.8	VuEN007I27
K11M00D	C2011	06	27.21307	15	52	26.85	+24	21	53.1	14.7	VuEN007I27
K11M00D	C2011	06	27.21322	15	52	25.73	+24	21	36.5	14.7	VuEN007I27
K11M00D	C2011	06	27.21337	15	52	24.66	+24	21	20.3	14.8	VuEN007I27
K11M00D	C2011	06	27.21352	15	52	23.52	+24	21	03.4	14.8	VuEN007I27
K11M00D	C2011	06	27.21367	15	52	22.44	+24	20	46.6	15.1	VuEN007I27
K11M00D	C2011	06	27.21382	15	52	21.34	+24	20	30.5	14.7	VuEN007I27
K11M00D	C2011	06	27.21397	15	52	20.20	+24	20	13.4	14.9	VuEN007I27
K11M00D	C2011	06	27.21412	15	52	19.08	+24	19	57.0	15.0	VuEN007I27
K11M00D	C2011	06	27.21427	15	52	17.99	+24	19	40.1	14.7	VuEN007I27
K11M00D	C2011	06	27.21457	15	52	15.76	+24	19	07.4	14.9	VuEN007I27
K11M00D	C2011	06	27.21472	15	52	14.68	+24	18	51.0	14.8	VuEN007I27
K11M00D	C2011	06	27.21487	15	52	13.58	+24	18	34.6	15.1	VuEN007I27
K11M00D	C2011	06	27.21534	15	52	10.23	+24	17	44.1	14.8	VuEN007I27
K11M00D	C2011	06	27.21549	15	52	09.13	+24	17	27.5	14.8	VuEN007I27
K11M00D	C2011	06	27.21564	15	52	08.06	+24	17	11.0	14.9	VuEN007I27
K11M00D	C2011	06	27.21579	15	52	06.91	+24	16	54.0	14.8	VuEN007I27
K11M00D	C2011	06	27.21594	15	52	05.83	+24	16	37.4	14.9	VuEN007I27
K11M00D	C2011	06	27.21610	15	52	04.67	+24	16	20.3	15.2	VuEN007I27
K11M00D	C2011	06	27.21625	15	52	03.56	+24	16	03.9	15.0	VuEN007I27
K11M00D	C2011	06	27.21640	15	52	02.48	+24	15	47.2	15.1	VuEN007I27
K11M00D	C2011	06	27.21655	15	52	01.37	+24	15	30.5	15.4	VuEN007I27
K11M00D	C2011	06	27.21670	15	52	00.22	+24	15	13.8	15.6	VuEN007I27
K11M00D	C2011	06	27.21685	15	51	59.15	+24	14	57.0	15.3	VuEN007I27
K11M00D	C2011	06	27.21700	15	51	58.03	+24	14	40.2	15.4	VuEN007I27

K11M00D	C2011	06	27.21715	15	51	56.91	+24	14	23.6	15.3	VuEN007I27
K11M00D	C2011	06	27.21730	15	51	55.79	+24	14	06.9	15.0	VuEN007I27
K11M00D	C2011	06	27.21745	15	51	54.71	+24	13	50.2	15.1	VuEN007I27
K11M00D	C2011	06	27.21762	15	51	53.60	+24	13	33.2	16.0	VuEN007I27
K11M00D	C2011	06	27.21775	15	51	52.51	+24	13	16.4	15.3	VuEN007I27
K11M00D	C2011	06	27.21791	15	51	51.41	+24	12	59.9	14.9	VuEN007I27
K11M00D	C2011	06	27.21806	15	51	50.32	+24	12	43.1	15.2	VuEN007I27
K11M00D	C2011	06	27.21821	15	51	49.22	+24	12	26.5	15.1	VuEN007I27
K11M00D	C2011	06	27.21837	15	51	48.08	+24	12	09.3	15.0	VuEN007I27
K11M00D	C2011	06	27.21852	15	51	46.95	+24	11	52.3	15.0	VuEN007I27
K11M00D	C2011	06	27.21867	15	51	45.87	+24	11	35.9	14.8	VuEN007I27
K11M00D	C2011	06	27.21882	15	51	44.77	+24	11	19.0	14.9	VuEN007I27
K11M00D	C2011	06	27.21897	15	51	43.65	+24	11	02.4	14.8	VuEN007I27
K11M00D	C2011	06	27.21912	15	51	42.57	+24	10	45.5	14.9	VuEN007I27
K11M00D	C2011	06	27.21927	15	51	41.43	+24	10	28.4	14.6	VuEN007I27
K11M00D	C2011	06	27.21942	15	51	40.32	+24	10	11.5	15.0	VuEN007I27
K11M00D	C2011	06	27.21957	15	51	39.20	+24	09	54.4	14.6	VuEN007I27
K11M00D	C2011	06	27.21972	15	51	38.09	+24	09	37.9	14.7	VuEN007I27
K11M00D	C2011	06	27.21988	15	51	37.02	+24	09	19.8	14.8	VuEN007I27
K11M00D	C2011	06	27.22003	15	51	35.86	+24	09	03.1	14.7	VuEN007I27
K11M00D	C2011	06	27.22019	15	51	34.74	+24	08	46.5	14.6	VuEN007I27
K11M00D	C2011	06	27.22034	15	51	33.61	+24	08	29.0	14.7	VuEN007I27
K11M00D	C2011	06	27.22049	15	51	32.54	+24	08	12.3	14.8	VuEN007I27
K11M00D	C2011	06	27.22064	15	51	31.41	+24	07	55.5	14.7	VuEN007I27
K11M00D	C2011	06	27.22079	15	51	30.27	+24	07	38.2	14.9	VuEN007I27
K11M00D	C2011	06	27.22094	15	51	29.15	+24	07	20.9	14.9	VuEN007I27
K11M00D	C2011	06	27.22110	15	51	28.04	+24	07	03.7	15.1	VuEN007I27
K11M00D	C2011	06	27.22125	15	51	26.91	+24	06	46.8	14.9	VuEN007I27
K11M00D	C2011	06	27.22140	15	51	25.82	+24	06	29.8	14.7	VuEN007I27
K11M00D	C2011	06	27.22155	15	51	24.71	+24	06	13.0	14.7	VuEN007I27
K11M00D	C2011	06	27.22170	15	51	23.59	+24	05	55.8	14.8	VuEN007I27
K11M00D	C2011	06	27.22185	15	51	22.49	+24	05	38.8	14.9	VuEN007I27
K11M00D	C2011	06	27.22200	15	51	21.36	+24	05	22.0	14.5	VuEN007I27
K11M00D	C2011	06	27.22215	15	51	20.25	+24	05	04.5	14.7	VuEN007I27
K11M00D	C2011	06	27.22230	15	51	19.15	+24	04	47.4	14.6	VuEN007I27
K11M00D	C2011	06	27.22245	15	51	17.98	+24	04	30.0	14.9	VuEN007I27
K11M00D	C2011	06	27.22262	15	51	16.89	+24	04	12.3	14.5	VuEN007I27
K11M00D	C2011	06	27.22277	15	51	15.78	+24	03	55.6	14.9	VuEN007I27
K11M00D	C2011	06	27.22292	15	51	14.65	+24	03	38.4	14.8	VuEN007I27
K11M00D	C2011	06	27.22307	15	51	13.54	+24	03	21.1	15.0	VuEN007I27
K11M00D	C2011	06	27.22322	15	51	12.42	+24	03	04.0	14.8	VuEN007I27
K11M00D	C2011	06	27.22337	15	51	11.31	+24	02	47.0	14.8	VuEN007I27
K11M00D	C2011	06	27.22352	15	51	10.21	+24	02	30.1	14.8	VuEN007I27
K11M00D	C2011	06	27.22367	15	51	09.10	+24	02	13.4	14.9	VuEN007I27
K11M00D	C2011	06	27.22382	15	51	07.96	+24	01	55.8	14.9	VuEN007I27
K11M00D	C2011	06	27.22398	15	51	06.88	+24	01	37.7	14.6	VuEN007I27
K11M00D	C2011	06	27.22413	15	51	05.73	+24	01	20.5	15.0	VuEN007I27
K11M00D	C2011	06	27.22428	15	51	04.65	+24	01	04.0	15.2	VuEN007I27
K11M00D	C2011	06	27.22443	15	51	03.50	+24	00	46.4	14.9	VuEN007I27
K11M00D	C2011	06	27.22458	15	51	02.36	+24	00	28.5	15.3	VuEN007I27
K11M00D	C2011	06	27.22473	15	51	01.23	+24	00	11.0	15.3	VuEN007I27
K11M00D	C2011	06	27.22488	15	51	00.16	+23	59	54.2	15.2	VuEN007I27
K11M00D	C2011	06	27.22503	15	50	59.03	+23	59	37.2	15.4	VuEN007I27
K11M00D	C2011	06	27.22519	15	50	57.88	+23	59	19.4	15.4	VuEN007I27
K11M00D	C2011	06	27.22534	15	50	56.82	+23	59	02.4	15.0	VuEN007I27
K11M00D	C2011	06	27.22550	15	50	55.62	+23	58	45.0	15.3	VuEN007I27
K11M00D	C2011	06	27.22565	15	50	54.52	+23	58	27.7	15.4	VuEN007I27
K11M00D	C2011	06	27.22580	15	50	53.46	+23	58	10.4	15.4	VuEN007I27
K11M00D	C2011	06	27.22595	15	50	52.32	+23	57	53.3	15.0	VuEN007I27
K11M00D	C2011	06	27.22610	15	50	51.19	+23	57	35.8	15.3	VuEN007I27
K11M00D	C2011	06	27.22625	15	50	50.10	+23	57	18.6	15.0	VuEN007I27
K11M00D	C2011	06	27.22640	15	50	48.98	+23	57	00.9	15.0	VuEN007I27
K11M00D	C2011	06	27.22655	15	50	47.85	+23	56	43.0	14.9	VuEN007I27
K11M00D	C2011	06	27.22671	15	50	46.73	+23	56	26.0	14.7	VuEN007I27
K11M00D	C2011	06	27.22686	15	50	45.57	+23	56	08.2	15.0	VuEN007I27
K11M00D	C2011	06	27.22701	15	50	44.45	+23	55	50.9	15.1	VuEN007I27
K11M00D	C2011	06	27.22715	15	50	43.36	+23	55	33.6	15.0	VuEN007I27
K11M00D	C2011	06	27.22730	15	50	42.30	+23	55	16.7	14.8	VuEN007I27
K11M00D	C2011	06	27.22745	15	50	41.17	+23	54	59.3	14.7	VuEN007I27
K11M00D	C2011	06	27.22760	15	50	40.09	+23	54	42.2	14.6	VuEN007I27
K11M00D	C2011	06	27.22775	15	50	38.96	+23	54	24.7	14.7	VuEN007I27
K11M00D	C2011	06	27.22791	15	50	37.87	+23	54	07.5	14.6	VuEN007I27
K11M00D	C2011	06	27.22806	15	50	36.79	+23	53	51.0	14.7	VuEN007I27
K11M00D	C2011	06	27.22821	15	50	35.66	+23	53	33.2	14.6	VuEN007I27
K11M00D	C2011	06	27.22836	15	50	34.54	+23	53	15.5	14.8	VuEN007I27
K11M00D	C2011	06	27.22851	15	50	33.42	+23	52	57.7	14.5	VuEN007I27
K11M00D	C2011	06	27.22896	15	50	30.09	+23	52	06.0	15.2	VuEN007I27

K11M00D	C2011	06	27.22911	15	50	29.02	+23	51	48.7	15.1	VuEN007I27
K11M00D	C2011	06	27.22926	15	50	27.86	+23	51	31.1	14.9	VuEN007I27
K11M00D	C2011	06	27.23001	15	50	22.30	+23	50	03.4	14.8	VuEN007I27
K11M00D	C2011	06	27.23016	15	50	21.17	+23	49	45.6	14.5	VuEN007I27
K11M00D	C2011	06	27.23031	15	50	20.06	+23	49	28.3	14.8	VuEN007I27
K11M00D	C2011	06	27.23046	15	50	18.97	+23	49	10.8	14.6	VuEN007I27
K11M00D	C2011	06	27.23060	15	50	17.88	+23	48	53.6	14.7	VuEN007I27
K11M00D	C2011	06	27.23075	15	50	16.80	+23	48	36.5	14.8	VuEN007I27
K11M00D	C2011	06	27.23090	15	50	15.72	+23	48	19.3	14.7	VuEN007I27
K11M00D	C2011	06	27.23105	15	50	14.58	+23	48	02.0	14.8	VuEN007I27
K11M00D	C2011	06	27.23119	15	50	13.52	+23	47	44.9	14.7	VuEN007I27
K11M00D	C2011	06	27.23134	15	50	12.41	+23	47	27.2	14.8	VuEN007I27
K11M00D	C2011	06	27.23149	15	50	11.30	+23	47	09.6	14.6	VuEN007I27
K11M00D	C2011	06	27.23164	15	50	10.20	+23	46	52.2	14.9	VuEN007I27
K11M00D	C2011	06	27.23179	15	50	09.11	+23	46	35.2	14.9	VuEN007I27
K11M00D	C2011	06	27.23194	15	50	07.98	+23	46	17.3	14.9	VuEN007I27
K11M00D	C2011	06	27.23209	15	50	06.85	+23	45	59.2	14.8	VuEN007I27
K11M00D	C2011	06	27.23238	15	50	04.65	+23	45	24.5	15.1	VuEN007I27
K11M00D	C2011	06	27.23253	15	50	03.58	+23	45	07.3	15.3	VuEN007I27
K11M00D	C2011	06	27.23269	15	50	02.49	+23	44	50.0	15.2	VuEN007I27
K11M00D	C2011	06	27.23282	15	50	01.38	+23	44	32.8	15.2	VuEN007I27
K11M00D	C2011	06	27.23297	15	50	00.31	+23	44	15.5	15.6	VuEN007I27
K11M00D	C2011	06	27.23312	15	49	59.22	+23	43	58.3	15.2	VuEN007I27
K11M00D	C2011	06	27.23326	15	49	58.16	+23	43	41.1	15.4	VuEN007I27
K11M00D	C2011	06	27.23341	15	49	57.03	+23	43	24.2	15.2	VuEN007I27
K11M00D	C2011	06	27.23356	15	49	55.92	+23	43	06.2	15.4	VuEN007I27
K11M00D	C2011	06	27.23372	15	49	54.87	+23	42	48.5	15.0	VuEN007I27
K11M00D	C2011	06	27.23385	15	49	53.77	+23	42	31.6	15.1	VuEN007I27
K11M00D	C2011	06	27.23400	15	49	52.70	+23	42	14.2	15.2	VuEN007I27
K11M00D	C2011	06	27.23416	15	49	51.53	+23	41	56.7	15.0	VuEN007I27
K11M00D	C2011	06	27.23429	15	49	50.48	+23	41	39.6	15.0	VuEN007I27
K11M00D	C2011	06	27.23444	15	49	49.42	+23	41	22.1	14.7	VuEN007I27
K11M00D	C2011	06	27.23459	15	49	48.34	+23	41	04.3	15.0	VuEN007I27
K11M00D	C2011	06	27.23473	15	49	47.22	+23	40	46.9	14.9	VuEN007I27
K11M00D	C2011	06	27.23488	15	49	46.15	+23	40	29.7	14.7	VuEN007I27
K11M00D	C2011	06	27.23503	15	49	45.07	+23	40	12.3	15.0	VuEN007I27
K11M00D	C2011	06	27.23517	15	49	44.00	+23	39	54.8	14.9	VuEN007I27
K11M00D	C2011	06	27.23532	15	49	42.90	+23	39	37.6	14.8	VuEN007I27
K11M00D	C2011	06	27.23547	15	49	41.79	+23	39	19.9	14.8	VuEN007I27
K11M00D	C2011	06	27.23563	15	49	40.68	+23	39	02.1	14.9	VuEN007I27
K11M00D	C2011	06	27.23576	15	49	39.59	+23	38	44.3	14.8	VuEN007I27
K11M00D	C2011	06	27.23591	15	49	38.51	+23	38	26.9	14.7	VuEN007I27
K11M00D	C2011	06	27.23606	15	49	37.38	+23	38	09.0	14.6	VuEN007I27
K11M00D	C2011	06	27.23622	15	49	36.30	+23	37	51.6	14.6	VuEN007I27
K11M00D	C2011	06	27.23635	15	49	35.20	+23	37	34.2	14.8	VuEN007I27
K11M00D	C2011	06	27.23650	15	49	34.06	+23	37	15.6	14.5	VuEN007I27
K11M00D	C2011	06	27.23667	15	49	32.94	+23	36	57.7	14.7	VuEN007I27
K11M00D	C2011	06	27.23682	15	49	31.82	+23	36	39.5	14.6	VuEN007I27
K11M00D	C2011	06	27.23696	15	49	30.73	+23	36	21.8	14.5	VuEN007I27
K11M00D	C2011	06	27.23711	15	49	29.62	+23	36	04.4	14.8	VuEN007I27
K11M00D	C2011	06	27.23726	15	49	28.51	+23	35	46.5	14.7	VuEN007I27
K11M00D	C2011	06	27.23741	15	49	27.42	+23	35	28.9	14.9	VuEN007I27
K11M00D	C2011	06	27.23756	15	49	26.27	+23	35	10.0	14.8	VuEN007I27
K11M00D	C2011	06	27.23771	15	49	25.13	+23	34	51.7	14.9	VuEN007I27
K11M00D	C2011	06	27.23786	15	49	24.00	+23	34	33.5	14.6	VuEN007I27
K11M00D	C2011	06	27.23801	15	49	22.88	+23	34	15.4	14.6	VuEN007I27
K11M00D	C2011	06	27.23816	15	49	21.76	+23	33	57.0	14.8	VuEN007I27
K11M00D	C2011	06	27.23862	15	49	18.36	+23	33	02.4	14.8	VuEN007I27
K11M00D	C2011	06	27.23877	15	49	17.24	+23	32	44.0	14.8	VuEN007I27
K11M00D	C2011	06	27.23892	15	49	16.12	+23	32	25.6	14.8	VuEN007I27
K11M00D	C2011	06	27.23907	15	49	14.95	+23	32	06.9	14.7	VuEN007I27
K11M00D	C2011	06	27.23924	15	49	13.81	+23	31	48.6	14.9	VuEN007I27
K11M00D	C2011	06	27.23939	15	49	12.69	+23	31	30.3	14.7	VuEN007I27
K11M00D	C2011	06	27.23954	15	49	11.55	+23	31	11.5	14.7	VuEN007I27
K11M00D	C2011	06	27.23969	15	49	10.41	+23	30	53.2	15.1	VuEN007I27
K11M00D	C2011	06	27.24014	15	49	07.04	+23	29	58.2	15.1	VuEN007I27
K11M00D	C2011	06	27.24029	15	49	05.93	+23	29	40.0	14.8	VuEN007I27
K11M00D	C2011	06	27.24044	15	49	04.78	+23	29	21.6	15.1	VuEN007I27
K11M00D	C2011	06	27.24060	15	49	03.63	+23	29	03.1	15.9	VuEN007I27
K11M00D	C2011	06	27.24105	15	49	00.28	+23	28	07.9	15.7	VuEN007I27
K11M00D	C2011	06	27.24119	15	48	59.16	+23	27	51.0	15.4	VuEN007I27
K11M00D	C2011	06	27.24134	15	48	58.04	+23	27	31.8	15.3	VuEN007I27
K11M00D	C2011	06	27.24149	15	48	56.91	+23	27	13.2	15.7	VuEN007I27
K11M00D	C2011	06	27.24164	15	48	55.77	+23	26	54.7	15.6	VuEN007I27
K11M00D	C2011	06	27.24181	15	48	54.66	+23	26	36.3	15.3	VuEN007I27
K11M00D	C2011	06	27.24196	15	48	53.55	+23	26	17.7	15.6	VuEN007I27
K11M00D	C2011	06	27.24211	15	48	52.38	+23	25	59.2	15.0	VuEN007I27

K11M00D	C2011	06	27.24241	15	48	50.14	+23	25	22.1	14.9	VuEN007I27
K11M00D	C2011	06	27.24256	15	48	49.02	+23	25	04.3	14.9	VuEN007I27
K11M00D	C2011	06	27.24270	15	48	47.91	+23	24	45.9	14.8	VuEN007I27
K11M00D	C2011	06	27.24285	15	48	46.77	+23	24	27.5	14.8	VuEN007I27
K11M00D	C2011	06	27.24301	15	48	45.68	+23	24	08.7	14.9	VuEN007I27
K11M00D	C2011	06	27.24316	15	48	44.53	+23	23	50.3	14.8	VuEN007I27
K11M00D	C2011	06	27.24331	15	48	43.39	+23	23	31.7	14.8	VuEN007I27
K11M00D	C2011	06	27.24346	15	48	42.21	+23	23	12.2	14.8	VuEN007I27
K11M00D	C2011	06	27.24361	15	48	41.10	+23	22	54.0	15.0	VuEN007I27
K11M00D	C2011	06	27.24376	15	48	39.97	+23	22	35.0	14.5	VuEN007I27
K11M00D	C2011	06	27.24392	15	48	38.82	+23	22	15.9	14.7	VuEN007I27
K11M00D	C2011	06	27.24407	15	48	37.68	+23	21	57.8	14.5	VuEN007I27
K11M00D	C2011	06	27.24421	15	48	36.62	+23	21	39.6	14.6	VuEN007I27
K11M00D	C2011	06	27.24436	15	48	35.46	+23	21	20.7	14.7	VuEN007I27
K11M00D	C2011	06	27.24451	15	48	34.30	+23	21	02.1	14.7	VuEN007I27
K11M00D	C2011	06	27.24468	15	48	33.21	+23	20	43.4	14.8	VuEN007I27
K11M00D	C2011	06	27.24483	15	48	32.06	+23	20	25.1	14.8	VuEN007I27
K11M00D	C2011	06	27.24498	15	48	30.94	+23	20	06.2	14.9	VuEN007I27
K11M00D	C2011	06	27.24513	15	48	29.83	+23	19	47.9	14.6	VuEN007I27
K11M00D	C2011	06	27.24528	15	48	28.63	+23	19	28.0	14.5	VuEN007I27
K11M00D	C2011	06	27.24543	15	48	27.50	+23	19	09.3	14.8	VuEN007I27
K11M00D	C2011	06	27.24558	15	48	26.40	+23	18	51.1	14.7	VuEN007I27
K11M00D	C2011	06	27.24574	15	48	25.22	+23	18	31.7	15.0	VuEN007I27
K11M00D	C2011	06	27.24588	15	48	24.12	+23	18	13.3	14.7	VuEN007I27
K11M00D	C2011	06	27.24603	15	48	23.00	+23	17	54.7	14.8	VuEN007I27
K11M00D	C2011	06	27.24619	15	48	21.86	+23	17	35.7	14.7	VuEN007I27
K11M00D	C2011	06	27.24634	15	48	20.73	+23	17	17.2	14.8	VuEN007I27
K11M00D	C2011	06	27.24649	15	48	19.60	+23	16	58.2	14.9	VuEN007I27
K11M00D	C2011	06	27.24664	15	48	18.45	+23	16	39.6	14.7	VuEN007I27
K11M00D	C2011	06	27.24679	15	48	17.34	+23	16	21.0	14.9	VuEN007I27
K11M00D	C2011	06	27.24694	15	48	16.22	+23	16	01.9	14.8	VuEN007I27
K11M00D	C2011	06	27.24709	15	48	15.10	+23	15	43.7	14.7	VuEN007I27
K11M00D	C2011	06	27.24725	15	48	13.94	+23	15	24.7	14.8	VuEN007I27
K11M00D	C2011	06	27.24740	15	48	12.82	+23	15	05.6	14.8	VuEN007I27
K11M00D	C2011	06	27.24755	15	48	11.68	+23	14	47.0	14.8	VuEN007I27
K11M00D	C2011	06	27.24770	15	48	10.54	+23	14	28.2	14.5	VuEN007I27
K11M00D	C2011	06	27.24785	15	48	09.42	+23	14	09.8	14.8	VuEN007I27
K11M00D	C2011	06	27.24815	15	48	07.12	+23	13	31.2	15.0	VuEN007I27
K11M00D	C2011	06	27.24830	15	48	06.02	+23	13	12.6	14.9	VuEN007I27
K11M00D	C2011	06	27.24845	15	48	04.88	+23	12	53.4	15.2	VuEN007I27
K11M00D	C2011	06	27.24861	15	48	03.78	+23	12	34.1	14.9	VuEN007I27
K11M00D	C2011	06	27.24876	15	48	02.58	+23	12	14.3	15.5	VuEN007I27
K11M00D	C2011	06	27.24891	15	48	01.45	+23	11	55.7	15.1	VuEN007I27
K11M00D	C2011	06	27.24906	15	48	00.32	+23	11	36.8	14.8	VuEN007I27
K11M00D	C2011	06	27.24921	15	47	59.16	+23	11	17.7	15.3	VuEN007I27
K11M00D	C2011	06	27.24938	15	47	58.01	+23	10	58.1	15.8	VuEN007I27
K11M00D	C2011	06	27.24953	15	47	56.87	+23	10	39.0	15.8	VuEN007I27
K11M00D	C2011	06	27.24968	15	47	55.73	+23	10	20.2	15.3	VuEN007I27
K11M00D	C2011	06	27.24983	15	47	54.66	+23	10	01.3	15.0	VuEN007I27
K11M00D	C2011	06	27.24998	15	47	53.51	+23	09	42.5	15.1	VuEN007I27
K11M00D	C2011	06	27.25013	15	47	52.37	+23	09	23.3	14.9	VuEN007I27
K11M00D	C2011	06	27.25028	15	47	51.24	+23	09	04.1	15.1	VuEN007I27
K11M00D	C2011	06	27.25043	15	47	50.10	+23	08	45.0	14.8	VuEN007I27
K11M00D	C2011	06	27.25058	15	47	48.97	+23	08	25.8	14.9	VuEN007I27
K11M00D	C2011	06	27.25073	15	47	47.79	+23	08	06.8	14.9	VuEN007I27
K11M00D	C2011	06	27.25088	15	47	46.67	+23	07	47.6	14.6	VuEN007I27
K11M00D	C2011	06	27.25133	15	47	43.27	+23	06	49.8	14.5	VuEN007I27
K11M00D	C2011	06	27.25149	15	47	42.15	+23	06	31.0	14.6	VuEN007I27
K11M00D	C2011	06	27.25164	15	47	40.98	+23	06	11.5	14.5	VuEN007I27
K11M00D	C2011	06	27.25179	15	47	39.82	+23	05	52.2	14.7	VuEN007I27
K11M00D	C2011	06	27.25194	15	47	38.73	+23	05	32.8	14.7	VuEN007I27
K11M00D	C2011	06	27.25209	15	47	37.58	+23	05	13.6	14.6	VuEN007I27
K11M00D	C2011	06	27.25225	15	47	36.39	+23	04	53.6	14.4	VuEN007I27
K11M00D	C2011	06	27.25240	15	47	35.28	+23	04	34.6	14.6	VuEN007I27
K11M00D	C2011	06	27.25256	15	47	34.13	+23	04	15.4	14.7	VuEN007I27
K11M00D	C2011	06	27.25271	15	47	33.02	+23	03	56.3	14.5	VuEN007I27
K11M00D	C2011	06	27.25286	15	47	31.85	+23	03	36.7	14.6	VuEN007I27
K11M00D	C2011	06	27.25301	15	47	30.71	+23	03	17.2	14.6	VuEN007I27
K11M00D	C2011	06	27.25316	15	47	29.59	+23	02	58.0	14.5	VuEN007I27
K11M00D	C2011	06	27.25331	15	47	28.46	+23	02	38.8	14.8	VuEN007I27
K11M00D	C2011	06	27.25346	15	47	27.32	+23	02	19.7	14.8	VuEN007I27
K11M00D	C2011	06	27.25392	15	47	23.85	+23	01	20.4	14.5	VuEN007I27
K11M00D	C2011	06	27.25407	15	47	22.73	+23	01	01.5	14.7	VuEN007I27
K11M00D	C2011	06	27.25422	15	47	21.60	+23	00	42.1	14.6	VuEN007I27
K11M00D	C2011	06	27.25438	15	47	20.46	+23	00	22.8	14.4	VuEN007I27
K11M00D	C2011	06	27.25453	15	47	19.32	+23	00	03.3	14.4	VuEN007I27
K11M00D	C2011	06	27.25468	15	47	18.18	+22	59	43.9	14.7	VuEN007I27



K11M00D	C2011	06	27.25483	15	47	17.05	+22	59	24.4	14.6	VuEN007I27
K11M00D	C2011	06	27.25498	15	47	15.92	+22	59	05.2	14.8	VuEN007I27
K11M00D	C2011	06	27.25513	15	47	14.79	+22	58	45.5	14.7	VuEN007I27
K11M00D	C2011	06	27.25528	15	47	13.62	+22	58	26.0	14.7	VuEN007I27
K11M00D	C2011	06	27.25543	15	47	12.47	+22	58	06.6	14.7	VuEN007I27
K11M00D	C2011	06	27.25559	15	47	11.32	+22	57	46.6	14.8	VuEN007I27
K11M00D	C2011	06	27.25574	15	47	10.19	+22	57	27.1	14.6	VuEN007I27
K11M00D	C2011	06	27.25589	15	47	09.04	+22	57	07.3	15.0	VuEN007I27
K11M00D	C2011	06	27.25619	15	47	06.73	+22	56	28.1	14.7	VuEN007I27
K11M00D	C2011	06	27.25664	15	47	03.32	+22	55	29.7	15.0	VuEN007I27
K11M00D	C2011	06	27.25696	15	47	01.05	+22	54	49.8	16.1	VuEN007I27
K11M00D	C2011	06	27.25711	15	46	59.92	+22	54	30.7	15.2	VuEN007I27
K11M00D	C2011	06	27.25726	15	46	58.74	+22	54	10.5	15.1	VuEN007I27
K11M00D	C2011	06	27.25741	15	46	57.61	+22	53	50.5	15.2	VuEN007I27
K11M00D	C2011	06	27.25757	15	46	56.43	+22	53	30.9	15.2	VuEN007I27
K11M00D	C2011	06	27.25771	15	46	55.28	+22	53	11.0	15.4	VuEN007I27
K11M00D	C2011	06	27.25787	15	46	54.16	+22	52	51.4	14.7	VuEN007I27
K11M00D	C2011	06	27.25802	15	46	53.01	+22	52	32.0	15.1	VuEN007I27
K11M00D	C2011	06	27.25817	15	46	51.87	+22	52	11.6	14.9	VuEN007I27
K11M00D	C2011	06	27.25832	15	46	50.74	+22	51	52.3	14.7	VuEN007I27
K11M00D	C2011	06	27.25847	15	46	49.59	+22	51	32.6	14.6	VuEN007I27
K11M00D	C2011	06	27.25862	15	46	48.45	+22	51	12.9	14.4	VuEN007I27
K11M00D	C2011	06	27.25877	15	46	47.33	+22	50	53.2	14.8	VuEN007I27
K11M00D	C2011	06	27.25892	15	46	46.16	+22	50	33.1	14.8	VuEN007I27
K11M00D	C2011	06	27.25907	15	46	45.01	+22	50	13.1	14.9	VuEN007I27
K11M00D	C2011	06	27.25924	15	46	43.88	+22	49	53.3	14.4	VuEN007I27
K11M00D	C2011	06	27.25954	15	46	41.59	+22	49	14.2	14.8	VuEN007I27
K11M00D	C2011	06	27.25969	15	46	40.46	+22	48	54.4	14.6	VuEN007I27
K11M00D	C2011	06	27.25984	15	46	39.33	+22	48	34.6	14.3	VuEN007I27
K11M00D	C2011	06	27.25999	15	46	38.17	+22	48	14.5	14.6	VuEN007I27
K11M00D	KC2011	06	30.36735	23	25	38.63	+54	08	21.1	19.4	VoEN007H21
K11M00D	KC2011	06	30.36922	23	25	34.98	+54	08	37.0	19.3	VoEN007H21
K11M00D	KC2011	06	30.37109	23	25	31.29	+54	08	52.9	19.8	VoEN007H21
K11M00D	KC2011	06	30.37202	23	25	29.48	+54	09	00.9	19.6	VoEN007H21
K11M00D	KC2011	06	30.37295	23	25	27.63	+54	09	08.6	19.2	VoEN007H21
K11M00D	KC2011	06	30.37482	23	25	23.96	+54	09	24.2	19.3	VoEN007H21
K11M00D	JC2011	07	01.35032	23	17	00.08	+54	53	27.9	19.7	VoEN007695
K11M00D	JC2011	07	01.35302	23	16	56.94	+54	53	52.4	19.5	VoEN007695
K11M00D	JC2011	07	01.35568	23	16	53.79	+54	54	16.5	20.2	VoEN007695
K11M00F	C2011	07	01.36852	21	43	23.89	-18	30	15.6	20.1	VoEN007291
K11M00F	C2011	07	01.37335	21	43	25.80	-18	30	27.4	20.1	VoEN007291
K11M00F	C2011	07	01.37753	21	43	27.46	-18	30	37.8	20.1	VoEN007291
K11M00K	KC2011	07	02.07088	21	34	08.55	+06	11	50.6	18.4	RrEN007104
K11M00K	KC2011	07	02.07492	21	34	09.07	+06	12	03.5	18.4	RrEN007104
K11M00K	KC2011	07	02.07740	21	34	09.39	+06	12	11.4		rEN007104
K11M00T	C2011	06	29.20959	20	32	50.32	-14	41	59.7	20.0	RoEN007H26
K11M00T	C2011	06	29.21487	20	32	50.29	-14	41	46.4	19.2	RoEN007H26
K11M00T	C2011	06	29.21840	20	32	50.31	-14	41	38.1	19.7	RoEN007H26
K11M01V	C2011	07	01.24316	21	23	04.39	-00	09	39.5	20.4	VoEN007807
K11M01V	C2011	07	01.25048	21	23	05.00	-00	09	25.3	20.2	VoEN007807
K11M01V	C2011	07	01.25883	21	23	05.67	-00	09	09.0	20.3	VoEN007807
K11M01V	KC2011	07	02.05799	21	24	16.27	+00	16	28.4	20.0	RrEN007104
K11M01V	KC2011	07	02.05991	21	24	16.42	+00	16	31.8	19.3	RrEN007104
K11M01V	KC2011	07	02.06183	21	24	16.50	+00	16	35.4		rEN007104
K11M01W	C2011	07	01.28490	21	58	28.41	-08	56	46.3	20.2	VoEN007807
K11M01W	C2011	07	01.29933	21	58	31.47	-08	56	03.3	20.5	VoEN007807
K11M01W	KC2011	07	01.34765621	58	43.10	-08	54	44.2	19.8	RuEN007H36	
K11M01W	KC2011	07	01.35628121	58	45.06	-08	54	19.4	19.6	RuEN007H36	
K11M01W	KC2011	07	01.36492521	58	46.88	-08	53	52.6	19.5	RuEN007H36	
K11M02B	C2011	07	01.02965	11	27	10.42	-40	24	24.3	19.2	VoEN007807
K11M02B	C2011	07	01.03404	11	27	07.74	-40	24	14.1	19.2	VoEN007807
K11M02B	C2011	07	01.03843	11	27	05.05	-40	24	04.4	19.1	VoEN007807
K11M02W	C2011	07	01.13911	16	22	37.92	-01	02	41.8	21.4	VoEN007807
K11M02W	C2011	07	01.14635	16	22	37.37	-01	02	44.0	21.4	VoEN007807
K11M02W	C2011	07	01.15287	16	22	36.90	-01	02	46.3	20.2	VoEN007807
K11M02X	KC2011	06	30.35545	22	02	52.30	-01	34	50.9	20.9	VoEN007H21
K11M02X	KC2011	06	30.35882	22	02	51.89	-01	34	25.5	20.9	VoEN007H21
K11M02X	KC2011	06	30.36047	22	02	51.69	-01	34	13.0	20.5	VoEN007H21
K11M02X	KC2011	07	01.30751622	01	01.41	+00	25	47.9	19.5	RuEN007H36	
K11M02X	KC2011	07	01.32001622	00	59.84	+00	27	24.3	19.7	RuEN007H36	
K11M03Q	C2011	07	01.10050	16	48	19.23	-13	33	16.3	19.4	VoEN007807
K11M03Q	C2011	07	01.10568	16	48	20.72	-13	32	44.2	19.4	VoEN007807
K11M03Q	C2011	07	01.11083	16	48	22.20	-13	32	12.4	19.5	VoEN007807
01036	C2011	07	01.29007	21	13	18.83	+43	28	05.0	10.7	RuEN007H45
01036	C2011	07	01.29208	21	13	19.00	+43	28	10.1	10.8	RuEN007H45
01036	C2011	07	01.29605	21	13	19.39	+43	28	18.7	10.6	RuEN007H45
01036	C2011	07	01.29813	21	13	19.59	+43	28	23.5	10.7	RuEN007H45

01036	C2011	07	01.30072	21	13	19.84	+43	28	29.2	10.8	RuEN007H45
01866	C2011	05	25.91080	15	07	02.40	-01	46	17.7	13.8	VuEN007C01
01866	C2011	05	25.91178	15	07	02.25	-01	46	18.5	13.9	VuEN007C01
01866	C2011	05	25.99429	15	06	49.22	-01	47	27.9	13.8	VuEN007C01
01866	C2011	05	25.99525	15	06	49.07	-01	47	28.8	13.9	VuEN007C01
02061	C2011	07	01.20701	16	01	29.10	-14	29	11.2	17.8	VuEN007703
02061	C2011	07	01.21149	16	01	28.66	-14	29	11.0	17.8	VuEN007703
02061	C2011	07	01.21605	16	01	28.45	-14	29	08.9	18.0	VuEN007703
02061	C2011	07	01.22059	16	01	28.05	-14	29	09.2	17.9	VuEN007703
03988	C2011	07	01.28265	19	50	36.67	+42	02	59.9	16.1	RoEN007H10
03988	C2011	07	01.28567	19	50	37.17	+42	03	13.5	16.0	RoEN007H10
03988	C2011	07	02.20573	19	53	33.25	+43	08	32.2	16.1	RtEN007G56
03988	C2011	07	02.21273	19	53	34.48	+43	09	02.2	16.2	RtEN007G56
03988	C2011	07	02.21504	19	53	34.82	+43	09	11.9	16.1	RtEN007G56
03988	C2011	07	02.21954	19	53	35.72	+43	09	32.1	16.0	RtEN007G56
03988	C2011	07	02.22305	19	53	36.33	+43	09	47.2	16.1	RtEN007G56
03988	C2011	07	02.22652	19	53	36.98	+43	10	02.8	16.0	RtEN007G56
03988	C2011	07	02.22999	19	53	37.60	+43	10	17.9	15.9	RtEN007G56
04769	C2011	07	01.42303	00	40	29.64	+00	40	39.4	18.6	VuEN007703
04769	C2011	07	01.42942	00	40	31.00	+00	40	51.3	19.0	VuEN007703
04769	C2011	07	01.43579	00	40	32.41	+00	41	03.3	19.0	VuEN007703
05496	kC2011	06	22.02789722	53	03.328-14	58	07.66				rEN007089
05496	kC2011	06	22.03177122	53	03.012-14	59	12.39				rEN007089
05496	kC2011	06	22.03370422	53	02.859-14	59	44.86				rEN007089
05653	C2011	07	01.42303	00	44	21.19	+00	59	36.4	20.3	VuEN007703
05653	C2011	07	01.42942	00	44	21.48	+00	59	38.2	20.2	VuEN007703
05653	C2011	07	01.43579	00	44	21.94	+00	59	42.4	21.1	VuEN007703
05653	C2011	07	01.44216	00	44	22.20	+00	59	47.0	19.5	VuEN007703
05751	C2011	07	01.33363	21	00	35.38	-16	43	05.4	18.7	VuEN007703
05751	C2011	07	01.34052	21	00	34.99	-16	43	07.5	19.0	VuEN007703
05751	C2011	07	01.34741	21	00	34.66	-16	43	11.3	18.9	VuEN007703
05751	C2011	07	01.35428	21	00	34.45	-16	43	14.7	18.7	VuEN007703
07482	C2011	05	25.93888	18	23	34.89	+70	39	21.6	16.8	VuEN007C01
07482	C2011	05	25.93985	18	23	34.56	+70	39	19.6	16.9	VuEN007C01
07482	C2011	05	26.00432	18	23	12.68	+70	37	07.8	16.7	VuEN007C01
07482	C2011	05	26.00528	18	23	12.36	+70	37	05.8	16.8	VuEN007C01
08176	C2011	05	25.96369	08	17	32.89	+56	12	00.4	16.8	VuEN007C01
08176	C2011	05	25.96466	08	17	32.51	+56	11	54.0	16.6	VuEN007C01
20086	C2011	07	01.25817	15	05	59.14	+11	14	47.8	16.7	RoEN007H10
20086	C2011	07	01.27094	15	06	00.01	+11	15	17.3	16.8	RoEN007H10
20086	C2011	07	01.28988	15	06	01.31	+11	16	00.8	16.7	RoEN007H10
23187	C2011	05	25.89336	11	57	27.52	+54	00	03.5	18.7	VuEN007C01
23187	C2011	05	25.89502	11	57	27.68	+54	00	02.1	19.0	VuEN007C01
23187	C2011	05	25.97804	11	57	36.20	+53	58	43.8	18.8	VuEN007C01
23187	C2011	05	25.97970	11	57	36.37	+53	58	42.0	18.5	VuEN007C01
37336	C2011	05	23.92969	17	02	52.16	+13	19	38.5	17.0	RuEN007C01
37336	C2011	05	23.93066	17	02	52.09	+13	19	41.1	17.2	RuEN007C01
37336	C2011	05	23.93162	17	02	52.04	+13	19	43.7	17.1	RuEN007C01
37336	C2011	05	25.93065	17	00	39.39	+14	49	35.3	17.1	VuEN007C01
37336	C2011	05	25.93161	17	00	39.31	+14	49	38.0	17.2	VuEN007C01
37336	C2011	05	25.99703	17	00	34.65	+14	52	34.5	17.4	VuEN007C01
37336	C2011	07	01.26959	16	09	33.42	+36	04	18.1	17.0	RoEN007H10
37336	C2011	07	01.27822	16	09	32.75	+36	04	28.2	17.1	RoEN007H10
68031	C2011	07	01.31262	21	54	37.69	-08	18	15.5	19.0	VuEN007703
68031	C2011	07	01.31831	21	54	37.72	-08	18	21.7	19.1	VuEN007703
68031	C2011	07	01.32403	21	54	37.72	-08	18	26.5	19.0	VuEN007703
68031	C2011	07	01.32979	21	54	37.76	-08	18	32.7	18.8	VuEN007703
87025	C2011	06	27.96131	18	33	54.56	+02	58	43.1	17.4	RuEN007C01
87025	C2011	06	27.96297	18	33	54.32	+02	58	40.6	17.9	RuEN007C01
87025	C2011	06	27.96464	18	33	54.04	+02	58	38.1	17.4	RuEN007C01
87025	C2011	06	28.00015	18	33	48.65	+02	57	46.9	17.3	RuEN007C01
87025	C2011	06	28.95652	18	31	26.28	+02	34	28.6	17.6	RuEN007C01
87025	C2011	06	28.99330	18	31	20.68	+02	33	34.5	17.5	RuEN007C01
99799	C2011	07	01.39000	23	58	14.08	-00	48	21.6	19.0	VuEN007703
99799	C2011	07	01.39752	23	58	16.03	-00	48	16.4	19.7	VuEN007703
99799	C2011	07	01.40503	23	58	17.83	-00	48	10.5	19.3	VuEN007703
99799	C2011	07	01.41257	23	58	19.81	-00	48	05.6	19.5	VuEN007703
D8883	C2011	07	01.42096	01	32	58.50	+29	42	31.3	19.0	VoEN007691
D8883	C2011	07	01.43366	01	33	01.42	+29	42	27.4	19.0	VoEN007691
D8883	C2011	07	01.44637	01	33	04.36	+29	42	25.0	18.7	VoEN007691
G2273	C2011	07	01.41848	01	23	27.11	+29	49	53.6	19.9	VoEN007691
G2273	C2011	07	01.43118	01	23	29.03	+29	50	04.9	20.0	VoEN007691
G2273	C2011	07	01.44388	01	23	30.94	+29	50	16.2	19.8	VoEN007691
G2474	C2011	05	25.94380	17	35	02.00	+25	11	34.1	17.1	VuEN007C01
G2474	C2011	05	25.94684	17	35	01.27	+25	11	30.4	17.2	VuEN007C01
G2474	C2011	05	25.94938	17	35	00.64	+25	11	27.5	18.2	VuEN007C01
G2474	C2011	05	25.95068	17	35	00.30	+25	11	25.6	18.1	VuEN007C01

G3335	C2011	06	27.94799	14	52	53.58	-04	57	37.1	17.4	RuEN007C01
G3335	C2011	06	27.95131	14	52	53.17	-04	57	31.8	17.0	RuEN007C01
G3335	C2011	06	28.94528	14	51	01.14	-04	27	39.3	17.3	RuEN007C01
G3335	C2011	06	28.94660	14	51	01.07	-04	27	36.0	17.4	RuEN007C01
I4990	C2011	05	25.89763	13	58	37.42	+51	38	07.1	18.6	VuEN007C01
I4990	C2011	05	25.89929	13	58	37.19	+51	38	05.3	19.8	VuEN007C01
I4990	C2011	05	25.90341	13	58	36.48	+51	37	59.9	18.5	VuEN007C01
I4990	C2011	05	25.90647	13	58	36.04	+51	37	56.2	18.3	VuEN007C01
I4990	C2011	05	25.98331	13	58	24.65	+51	36	18.9	18.3	VuEN007C01
I4990	C2011	05	25.98498	13	58	24.41	+51	36	16.7	18.4	VuEN007C01
I8174	C2011	05	10.00295	18	13	54.85	+63	01	29.5	17.5	RuEN007C01
I8174	C2011	05	10.00506	18	13	54.13	+63	01	37.2	17.4	RuEN007C01
I8174	C2011	05	23.90637	13	02	09.97	+74	59	28.8	16.0	RuEN007C01
I8174	C2011	05	23.90687	13	02	08.44	+74	59	27.0	15.9	RuEN007C01
I8174	C2011	05	23.90737	13	02	07.05	+74	59	25.3	16.0	RuEN007C01
Q7494	kC2011	06	05.89517314	46	30.693-10	08	50.35				rEN007089
Q7494	kC2011	06	05.89711814	46	28.849-10	09	02.72				rEN007089
Q7494	kC2011	06	05.89906214	46	27.026-10	09	14.87				rEN007089
Q7494	kC2011	06	05.90100714	46	25.189-10	09	27.12				rEN007089
Q7494	kC2011	06	05.91503414	46	12.041-10	10	55.19				rEN007089
Q7494	kC2011	06	05.92554114	46	02.147-10	12	01.39				rEN007089
Q7494	kC2011	06	05.92747614	46	00.335-10	12	13.17				rEN007089
Q7494	kC2011	06	05.92940914	45	58.519-10	12	25.75				rEN007089
Q7494	kC2011	06	05.93327514	45	54.895-10	12	49.97				rEN007089
Q7494	kC2011	06	05.93814214	45	50.344-10	13	20.78				rEN007089
Q7494	kC2011	06	07.79368714	14	49.520-13	36	59.54				rEN007089
Q7494	kC2011	06	07.79510814	14	47.967-13	37	09.10				rEN007089
Q7494	kC2011	06	07.79652014	14	46.438-13	37	18.77				rEN007089
Q7494	kC2011	06	07.79934414	14	43.344-13	37	37.61				rEN007089
Q7494	kC2011	06	07.80075614	14	41.827-13	37	47.60				rEN007089
Q7494	kC2011	06	07.80830214	14	33.580-13	38	38.07				rEN007089
Q7494	kC2011	06	07.80971514	14	32.041-13	38	48.35				rEN007089
Q7494	kC2011	06	07.81253814	14	28.963-13	39	07.25				rEN007089
Q7494	kC2011	06	07.81818714	14	22.801-13	39	45.48				rEN007089
Q7494	kC2011	06	07.81959914	14	21.274-13	39	55.23				rEN007089
Q7494	kC2011	06	08.78200313	56	30.738-15	29	22.30				rEN007089
Q7494	kC2011	06	08.78341813	56	29.107-15	29	31.43				rEN007089
Q7494	kC2011	06	08.78624313	56	25.809-15	29	51.19				rEN007089
Q7494	kC2011	06	08.78765513	56	24.177-15	30	00.81				rEN007089
Q7494	kC2011	06	08.78906713	56	22.527-15	30	10.61				rEN007089
Q7494	kC2011	06	08.79047813	56	20.899-15	30	20.28				rEN007089
Q7494	kC2011	06	08.79189013	56	19.256-15	30	29.83				rEN007089
Q7494	kC2011	06	08.79330213	56	17.627-15	30	39.37				rEN007089
Q7494	kC2011	06	08.79471413	56	15.978-15	30	49.25				rEN007089
Q7494	kC2011	06	08.79612613	56	14.355-15	30	58.79				rEN007089
Q7494	kC2011	06	08.79753813	56	12.702-15	31	08.38				rEN007089
Q7494	kC2011	06	08.79895013	56	11.063-15	31	17.61				rEN007089
Q7494	kC2011	06	08.80036313	56	09.404-15	31	27.15				rEN007089
Q7494	kC2011	06	08.80177413	56	07.774-15	31	37.23				rEN007089
Q7494	kC2011	06	08.80318713	56	06.131-15	31	46.77				rEN007089
Q7494	kC2011	06	08.80601013	56	02.870-15	32	05.99				rEN007089
Q7494	kC2011	06	08.80742213	56	01.232-15	32	15.99				rEN007089
Q7494	kC2011	06	08.80883513	55	59.576-15	32	25.31				rEN007089
S1375	C2011	06	27.91175	16	27	17.32	+06	09	37.2	18.3	RuEN007C01
S1375	C2011	06	27.91340	16	27	17.02	+06	09	34.2	18.2	RuEN007C01
S1375	C2011	06	27.91508	16	27	16.81	+06	09	32.4	18.6	RuEN007C01
S1375	C2011	06	27.97513	16	27	08.29	+06	07	58.2	18.5	RuEN007C01
S1375	C2011	06	27.97679	16	27	08.04	+06	07	55.6	18.7	RuEN007C01
S1375	C2011	06	28.92588	16	25	04.05	+05	43	09.2	18.5	RuEN007C01
S1375	C2011	06	28.97383	16	24	57.53	+05	41	53.1	18.4	RuEN007C01
S1375	C2011	06	28.97547	16	24	57.31	+05	41	51.0	18.4	RuEN007C01

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