

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Apr-02 01:22	2457114.557	0.05694	II	I	18.4	0.017	8.3	28.9
2015-Apr-02 01:44	2457114.572	0.07222	II	I	1.1	0.208	0.5	30.4
2015-Apr-02 02:06	2457114.588	0.08750	II	I	19.0	0.011	8.6	32.0
2015-Apr-02 07:48	2457114.825	0.32500	IV	III	19.9		13.9	33.0
2015-Apr-02 09:48	2457114.908	0.40833	IV	III	0.2		0.1	34.8
2015-Apr-02 11:38	2457114.985	0.48472	IV	III	19.7		13.7	36.5
2015-Apr-03 16:56	2457116.206	0.70556	I	III	9.7	0.006	5.1	99.2
2015-Apr-03 17:42	2457116.238	0.73750	I	III	1.2	0.158	0.7	105.7
2015-Apr-03 19:00	2457116.292	0.79167	I	III	9.9	0.002	5.2	116.6
2015-Apr-03 21:28	2457116.394	0.89444	I	III	10.0	0.000	5.3	137.4
2015-Apr-03 22:52	2457116.453	0.95278	I	III	1.7	0.150	0.9	149.1
2015-Apr-04 14:40	2457117.111	0.61111	I	III	10.0	0.000	5.2	76.7
2015-Apr-04 15:00	2457117.125	0.62500	I	III	1.3	0.157	0.7	73.9
2015-Apr-04 15:20	2457117.139	0.63889	I	III	9.7	0.005	5.1	71.0
2015-Apr-04 18:32	2457117.272	0.77222	II	III	18.8	0.013	8.4	55.1
2015-Apr-04 19:00	2457117.292	0.79167	II	III	4.8	0.167	2.2	53.1
2015-Apr-04 19:26	2457117.31	0.80972	II	III	18.8	0.013	8.4	51.3
2015-Apr-05 14:26	2457118.101	0.60139	II	I	19.6	0.004	8.8	28.2
2015-Apr-05 14:48	2457118.117	0.61667	II	I	1.4	0.205	0.6	29.8
2015-Apr-05 15:10	2457118.132	0.63194	II	I	18.4	0.017	8.3	31.3
2015-Apr-07 08:36	2457119.858	0.35833	III	II	19.1		14.3	20.2
2015-Apr-07 09:14	2457119.885	0.38472	III	II	1.6		1.2	18.9
2015-Apr-07 09:52	2457119.911	0.41111	III	II	19.4		14.5	17.6
2015-Apr-08 07:20	2457120.806	0.30556	III	IV	19.4		14.5	27.6
2015-Apr-08 08:08	2457120.839	0.33889	III	IV	1.4		1.1	29.3
2015-Apr-08 08:58	2457120.874	0.37361	III	IV	19.4		14.5	31.1
2015-Apr-08 16:58	2457121.207	0.70694	I	IV	9.3	0.012	4.8	37.2
2015-Apr-08 17:10	2457121.215	0.71528	I	IV	2.9	0.128	1.5	38.9
2015-Apr-08 17:24	2457121.225	0.72500	I	IV	9.9	0.001	5.2	40.9
2015-Apr-09 03:32	2457121.647	0.14722	II	I	19.2	0.008	8.5	27.7
2015-Apr-09 03:54	2457121.663	0.16250	II	I	1.2	0.207	0.5	29.2
2015-Apr-09 04:16	2457121.678	0.17778	II	I	19.5	0.005	8.6	30.8

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Apr-11 17:44	2457124.239	0.73889	I	III	9.7	0.005	5.0	66.3
2015-Apr-11 18:00	2457124.25	0.75000	I	III	1.4	0.155	0.7	64.0
2015-Apr-11 18:16	2457124.261	0.76111	I	III	9.1	0.016	4.7	61.7
2015-Apr-11 21:40	2457124.403	0.90278	II	III	19.6	0.005	8.6	52.4
2015-Apr-11 22:08	2457124.422	0.92222	II	III	5.0	0.165	2.2	50.5
2015-Apr-11 22:34	2457124.44	0.94028	II	III	19.4	0.007	8.5	48.7
2015-Apr-12 16:38	2457125.193	0.69306	II	I	19.3	0.008	8.4	27.1
2015-Apr-12 17:00	2457125.208	0.70833	II	I	1.3	0.206	0.6	28.6
2015-Apr-12 17:20	2457125.222	0.72222	II	I	18.4	0.018	8.0	30.0
2015-Apr-13 23:36	2457126.483	0.98333	I	II	8.4	0.029	4.3	30.8
2015-Apr-13 23:44	2457126.489	0.98889	I	II	2.8	0.129	1.4	31.9
2015-Apr-13 23:54	2457126.496	0.99583	I	II	8.9	0.020	4.5	33.3
2015-Apr-14 11:38	2457126.985	0.48472	III	II	19.9		14.6	21.7
2015-Apr-14 12:18	2457127.013	0.51250	III	II	1.6		1.2	20.3
2015-Apr-14 12:58	2457127.04	0.54028	III	II	19.8		14.5	18.9
2015-Apr-16 05:44	2457128.739	0.23889	II	I	19.4	0.006	8.4	26.4
2015-Apr-16 06:06	2457128.754	0.25417	II	I	1.4	0.205	0.6	28.0
2015-Apr-16 06:26	2457128.768	0.26806	II	I	18.9	0.013	8.2	29.4
2015-Apr-16 20:40	2457129.361	0.86111	IV	I	19.9		13.3	14.0
2015-Apr-16 21:54	2457129.413	0.91250	IV	I	2.2		1.5	12.9
2015-Apr-16 23:54	2457129.496	0.99583	IV	I	20.0		13.3	11.1
2015-Apr-17 03:26	2457129.643	0.14306	IV	I	20.0		13.3	7.9
2015-Apr-17 04:52	2457129.703	0.20278	IV	I	9.4		6.3	6.6
2015-Apr-17 12:40	2457130.028	0.52778	I	II	9.1	0.016	4.6	31.9
2015-Apr-17 12:50	2457130.035	0.53472	I	II	2.8	0.129	1.4	33.3
2015-Apr-17 13:00	2457130.042	0.54167	I	II	9.7	0.006	4.9	34.7
2015-Apr-17 23:02	2457130.46	0.95972	IV	I	19.5		13.0	9.9
2015-Apr-17 23:48	2457130.492	0.99167	IV	I	1.1		0.8	10.6
2015-Apr-18 00:28	2457130.519	0.01944	IV	I	19.2		12.8	11.2
2015-Apr-18 00:50	2457130.535	0.03472	IV	III	19.1		12.7	11.5
2015-Apr-18 01:32	2457130.564	0.06389	IV	III	0.3		0.2	12.2
2015-Apr-18 02:16	2457130.594	0.09444	IV	III	19.6		13.1	12.8

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Apr-18 20:40	2457131.361	0.86111	I	III	9.8	0.004	4.9	57.1
2015-Apr-18 20:54	2457131.371	0.87083	I	III	1.5	0.153	0.7	55.1
2015-Apr-18 21:08	2457131.381	0.88056	I	III	9.0	0.019	4.5	53.2
2015-Apr-19 00:52	2457131.536	0.03611	II	III	19.3	0.008	8.3	49.6
2015-Apr-19 01:18	2457131.554	0.05417	II	III	5.1	0.164	2.2	47.8
2015-Apr-19 01:44	2457131.572	0.07222	II	III	19.6	0.005	8.4	46.0
2015-Apr-19 18:50	2457132.285	0.78472	II	I	20.0	0.001	8.5	25.8
2015-Apr-19 19:12	2457132.3	0.80000	II	I	1.4	0.205	0.6	27.3
2015-Apr-19 19:32	2457132.314	0.81389	II	I	18.9	0.012	8.1	28.7
2015-Apr-21 01:46	2457133.574	0.07361	I	II	8.6	0.026	4.3	33.3
2015-Apr-21 01:56	2457133.581	0.08056	I	II	2.9	0.127	1.5	34.7
2015-Apr-21 02:04	2457133.586	0.08611	I	II	8.4	0.028	4.2	35.8
2015-Apr-21 14:46	2457134.115	0.61528	III	II	19.6		14.1	23.2
2015-Apr-21 15:26	2457134.143	0.64306	III	II	1.5		1.1	21.8
2015-Apr-21 16:06	2457134.171	0.67083	III	II	19.2		13.8	20.4
2015-Apr-23 07:58	2457135.832	0.33194	II	I	18.8	0.013	8.0	25.2
2015-Apr-23 08:18	2457135.846	0.34583	II	I	1.4	0.205	0.6	26.6
2015-Apr-23 08:38	2457135.86	0.35972	II	I	18.8	0.013	8.0	28.0
2015-Apr-24 03:42	2457136.654	0.15417	III	IV	19.9		14.2	104.7
2015-Apr-24 08:14	2457136.843	0.34306	III	IV	3.0		2.2	114.1
2015-Apr-24 14:52	2457137.119	0.61944	I	II	8.4	0.029	4.1	34.6
2015-Apr-24 15:00	2457137.125	0.62500	I	II	2.9	0.127	1.5	35.7
2015-Apr-24 15:10	2457137.132	0.63194	I	II	8.4	0.028	4.2	37.1
2015-Apr-24 17:36	2457137.233	0.73333	III	IV	15.9		11.2	133.7
2015-Apr-25 04:06	2457137.671	0.17083	III	IV	3.0		2.1	155.6
2015-Apr-25 10:14	2457137.926	0.42639	III	IV	19.6		13.8	168.4
2015-Apr-25 23:32	2457138.481	0.98056	I	III	9.8	0.003	4.8	48.7
2015-Apr-25 23:46	2457138.49	0.99028	I	III	1.4	0.154	0.7	46.7
2015-Apr-25 23:58	2457138.499	0.99861	I	III	9.3	0.012	4.6	45.0
2015-Apr-26 04:06	2457138.671	0.17083	II	III	19.2	0.009	8.1	46.8
2015-Apr-26 04:30	2457138.688	0.18750	II	III	5.2	0.163	2.2	45.2
2015-Apr-26 04:56	2457138.706	0.20556	II	III	19.4	0.006	8.2	43.4

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Apr-26 21:04	2457139.378	0.87778	II	I	19.9	0.001	8.3	24.5
2015-Apr-26 21:24	2457139.392	0.89167	II	I	1.7	0.201	0.7	25.9
2015-Apr-26 21:44	2457139.406	0.90556	II	I	18.3	0.019	7.7	27.3
2015-Apr-27 07:50	2457139.826	0.32639	III	IV	19.9		14.0	96.3
2015-Apr-27 10:14	2457139.926	0.42639	III	IV	0.3		0.2	91.3
2015-Apr-27 12:22	2457140.015	0.51528	III	IV	20.0		14.1	86.8
2015-Apr-28 03:58	2457140.665	0.16528	I	II	8.6	0.026	4.2	35.8
2015-Apr-28 04:08	2457140.672	0.17222	I	II	2.9	0.128	1.4	37.2
2015-Apr-28 04:18	2457140.679	0.17917	I	II	9.7	0.005	4.7	38.6
2015-Apr-28 17:58	2457141.249	0.74861	III	II	19.4		13.6	24.7
2015-Apr-28 18:38	2457141.276	0.77639	III	II	1.4		1.0	23.3
2015-Apr-28 19:20	2457141.306	0.80556	III	II	19.4		13.6	21.8
2015-Apr-30 10:12	2457142.925	0.42500	II	I	19.2	0.009	8.0	23.8
2015-Apr-30 10:32	2457142.939	0.43889	II	I	1.4	0.205	0.6	25.3
2015-Apr-30 10:52	2457142.953	0.45278	II	I	19.5	0.005	8.1	26.7
2015-May-01 17:04	2457144.211	0.71111	I	II	9.1	0.015	4.4	37.1
2015-May-01 17:14	2457144.218	0.71806	I	II	2.8	0.130	1.4	38.5
2015-May-01 17:24	2457144.225	0.72500	I	II	8.9	0.019	4.3	39.9
2015-May-03 07:22	2457145.807	0.30694	II	III	19.3	0.008	7.9	44.0
2015-May-03 07:46	2457145.824	0.32361	II	III	5.1	0.164	2.1	42.4
2015-May-03 08:10	2457145.84	0.34028	II	III	18.9	0.012	7.8	40.7
2015-May-03 09:54	2457145.913	0.41250	IV	III	19.7		12.5	17.8
2015-May-03 10:40	2457145.944	0.44444	IV	III	1.5		0.9	17.1
2015-May-03 11:26	2457145.976	0.47639	IV	III	19.6		12.4	16.5
2015-May-03 23:20	2457146.472	0.97222	II	I	18.9	0.012	7.7	23.2
2015-May-03 23:40	2457146.486	0.98611	II	I	1.5	0.203	0.6	24.6
2015-May-03 23:58	2457146.499	0.99861	II	I	18.5	0.017	7.6	25.9
2015-May-04 22:52	2457147.453	0.95278	IV	II	19.7		12.4	15.6
2015-May-04 23:42	2457147.488	0.98750	IV	II	1.5		0.9	16.3
2015-May-05 00:28	2457147.519	0.01944	IV	II	19.2		12.1	17.0
2015-May-05 06:12	2457147.758	0.25833	I	II	8.4	0.028	4.0	38.5
2015-May-05 06:22	2457147.765	0.26528	I	II	2.8	0.129	1.4	39.9
2015-May-05 06:32	2457147.772	0.27222	I	II	9.4	0.011	4.5	41.3

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-May-05 21:12	2457148.383	0.88333	III	II	19.7		13.5	26.2
2015-May-05 21:54	2457148.413	0.91250	III	II	1.2		0.8	24.7
2015-May-05 22:38	2457148.443	0.94306	III	II	19.9		13.7	23.2
2015-May-06 02:42	2457148.613	0.11250	III	I	19.3		13.2	14.6
2015-May-06 03:16	2457148.636	0.13611	III	I	0.9		0.6	13.4
2015-May-06 03:52	2457148.661	0.16111	III	I	19.9		13.6	12.2
2015-May-07 12:28	2457150.019	0.51944	II	I	18.7	0.014	7.6	22.5
2015-May-07 12:46	2457150.032	0.53194	II	I	1.6	0.202	0.6	23.7
2015-May-07 13:06	2457150.046	0.54583	II	I	19.2	0.009	7.8	25.2
2015-May-08 19:18	2457151.304	0.80417	I	II	9.7	0.006	4.6	39.7
2015-May-08 19:30	2457151.313	0.81250	I	II	2.8	0.129	1.3	41.4
2015-May-08 19:40	2457151.319	0.81944	I	II	9.5	0.009	4.5	42.8
2015-May-10 10:40	2457152.944	0.44444	II	III	19.6	0.004	7.9	41.2
2015-May-10 11:04	2457152.961	0.46111	II	III	4.9	0.166	2.0	39.6
2015-May-10 11:28	2457152.978	0.47778	II	III	19.4	0.006	7.8	37.9
2015-May-11 01:36	2457153.567	0.06667	II	I	18.8	0.013	7.5	21.7
2015-May-11 01:54	2457153.579	0.07917	II	I	1.5	0.204	0.6	23.0
2015-May-11 02:14	2457153.593	0.09306	II	I	19.6	0.005	7.9	24.4
2015-May-11 13:54	2457154.079	0.57917	II	IV	19.4	0.007	7.8	74.4
2015-May-11 14:38	2457154.11	0.60972	II	IV	5.9	0.155	2.4	77.6
2015-May-11 15:26	2457154.143	0.64306	II	IV	19.6	0.004	7.9	81.0
2015-May-12 08:26	2457154.851	0.35139	I	II	9.6	0.007	4.5	41.1
2015-May-12 08:38	2457154.86	0.35972	I	II	2.8	0.130	1.3	42.8
2015-May-12 08:48	2457154.867	0.36667	I	II	9.3	0.013	4.3	44.2
2015-May-13 00:30	2457155.521	0.02083	III	II	19.7		13.3	27.7
2015-May-13 01:14	2457155.551	0.05139	III	II	0.9		0.6	26.2
2015-May-13 01:58	2457155.582	0.08194	III	II	19.5		13.1	24.7
2015-May-13 05:32	2457155.731	0.23056	III	I	18.9		12.7	17.2
2015-May-13 06:08	2457155.756	0.25556	III	I	0.8		0.5	15.9
2015-May-13 06:46	2457155.782	0.28194	III	I	19.6		13.2	14.6
2015-May-13 11:56	2457155.997	0.49722	II	IV	20.0	0.000	8.0	91.3
2015-May-13 13:02	2457156.043	0.54306	II	IV	1.5	0.203	0.6	86.7
2015-May-13 14:00	2457156.083	0.58333	II	IV	19.6	0.004	7.8	82.7

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-May-14 14:44	2457157.114	0.61389	II	I	19.1	0.010	7.6	21.0
2015-May-14 15:02	2457157.126	0.62639	II	I	1.4	0.204	0.6	22.2
2015-May-14 15:22	2457157.14	0.64028	II	I	19.8	0.002	7.9	23.7
2015-May-15 21:34	2457158.399	0.89861	I	II	10.0	0.001	4.6	42.5
2015-May-15 21:46	2457158.407	0.90694	I	II	2.6	0.133	1.2	44.1
2015-May-15 21:56	2457158.414	0.91389	I	II	8.6	0.024	4.0	45.5
2015-May-17 14:00	2457160.083	0.58333	II	III	19.9	0.002	7.8	38.4
2015-May-17 14:24	2457160.1	0.60000	II	III	4.6	0.169	1.8	36.7
2015-May-17 14:46	2457160.115	0.61528	II	III	18.4	0.017	7.3	35.2
2015-May-18 03:52	2457160.661	0.16111	II	I	19.6	0.004	7.7	20.2
2015-May-18 04:12	2457160.675	0.17500	II	I	1.5	0.204	0.6	21.6
2015-May-18 04:30	2457160.688	0.18750	II	I	19.7	0.003	7.7	22.9
2015-May-19 10:44	2457161.947	0.44722	I	II	9.0	0.018	4.1	44.1
2015-May-19 10:54	2457161.954	0.45417	I	II	2.6	0.133	1.2	45.5
2015-May-19 11:06	2457161.963	0.46250	I	II	9.3	0.013	4.3	47.2
2015-May-19 14:18	2457162.096	0.59583	IV	III	20.0		12.1	30.3
2015-May-19 19:12	2457162.3	0.80000	IV	III	15.4		9.3	25.9
2015-May-20 00:36	2457162.525	0.02500	IV	III	19.9		12.1	21.1
2015-May-20 03:52	2457162.661	0.16111	III	II	19.4		12.8	29.2
2015-May-20 04:36	2457162.692	0.19167	III	II	0.6		0.4	27.7
2015-May-20 04:58	2457162.707	0.20694	IV	II	19.6		11.9	17.2
2015-May-20 05:22	2457162.724	0.22361	III	II	19.4		12.8	26.1
2015-May-20 05:46	2457162.74	0.24028	IV	II	3.1		1.9	16.5
2015-May-20 06:34	2457162.774	0.27361	IV	II	19.7		11.9	15.7
2015-May-20 08:26	2457162.851	0.35139	III	I	19.1		12.6	19.6
2015-May-20 09:06	2457162.879	0.37917	III	I	0.8		0.5	18.2
2015-May-20 09:48	2457162.908	0.40833	III	I	19.6		12.9	16.8
2015-May-20 09:58	2457162.915	0.41528	IV	I	19.6		11.8	12.7
2015-May-20 10:48	2457162.95	0.45000	IV	I	2.7		1.6	11.9
2015-May-20 11:46	2457162.99	0.49028	IV	I	19.6		11.8	11.1
2015-May-21 12:22	2457164.015	0.51528	IV	I	19.8		11.9	11.2
2015-May-21 13:20	2457164.056	0.55556	IV	I	1.5		0.9	12.0
2015-May-21 14:12	2457164.092	0.59167	IV	I	19.9		12.0	12.8

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-May-21 17:02	2457164.21	0.70972	II	I	18.3	0.019	7.1	19.5
2015-May-21 17:20	2457164.222	0.72222	II	I	1.1	0.208	0.4	20.8
2015-May-21 17:38	2457164.235	0.73472	II	I	19.4	0.007	7.6	22.1
2015-May-22 12:38	2457165.026	0.52639	IV	III	19.7		11.8	33.1
2015-May-22 14:30	2457165.104	0.60417	IV	III	0.2		0.1	34.8
2015-May-22 16:12	2457165.175	0.67500	IV	III	19.7		11.8	36.4
2015-May-22 23:52	2457165.494	0.99444	I	II	10.0	0.000	4.5	45.4
2015-May-23 00:04	2457165.503	0.00278	I	II	2.5	0.135	1.1	47.1
2015-May-23 00:16	2457165.511	0.01111	I	II	9.5	0.010	4.3	48.8
2015-May-24 17:24	2457167.225	0.72500	II	III	18.5	0.016	7.2	35.4
2015-May-24 17:46	2457167.24	0.74028	II	III	4.2	0.174	1.6	33.8
2015-May-24 18:08	2457167.256	0.75556	II	III	18.9	0.013	7.3	32.3
2015-May-25 06:12	2457167.758	0.25833	II	I	17.1	0.031	6.6	18.8
2015-May-25 06:28	2457167.769	0.26944	II	I	0.9	0.210	0.4	19.9
2015-May-25 06:42	2457167.779	0.27917	II	I	14.6	0.059	5.6	20.9
2015-May-26 13:02	2457169.043	0.54306	I	II	9.7	0.006	4.3	46.9
2015-May-26 13:14	2457169.051	0.55139	I	II	2.4	0.137	1.1	48.6
2015-May-26 13:26	2457169.06	0.55972	I	II	9.4	0.011	4.2	50.3
2015-May-27 07:16	2457169.803	0.30278	III	II	19.7		12.7	30.8
2015-May-27 08:02	2457169.835	0.33472	III	II	0.4		0.3	29.2
2015-May-27 08:50	2457169.868	0.36806	III	II	19.3		12.5	27.5
2015-May-27 11:26	2457169.976	0.47639	III	I	19.5		12.6	22.0
2015-May-27 12:12	2457170.008	0.50833	III	I	0.5		0.4	20.4
2015-May-27 13:02	2457170.043	0.54306	III	I	19.9		12.8	18.7
2015-May-28 11:58	2457170.999	0.49861	III	IV	19.7		12.7	29.4
2015-May-28 12:48	2457171.033	0.53333	III	IV	2.4		1.5	31.2
2015-May-28 13:38	2457171.068	0.56806	III	IV	19.5		12.5	32.9
2015-May-28 21:08	2457171.381	0.88056	II	IV	19.5	0.006	7.4	25.6
2015-May-28 21:32	2457171.397	0.89722	II	IV	3.7	0.180	1.4	27.3
2015-May-28 21:58	2457171.415	0.91528	II	IV	20.0	0.000	7.6	29.2
2015-May-29 16:10	2457172.174	0.67361	I	IV	8.7	0.023	3.9	36.2
2015-May-29 16:22	2457172.182	0.68194	I	IV	3.0	0.126	1.3	34.5
2015-May-29 16:34	2457172.19	0.69028	I	IV	9.8	0.004	4.4	32.8

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-May-30 02:12	2457172.592	0.09167	I	II	9.7	0.005	4.3	48.5
2015-May-30 02:24	2457172.6	0.10000	I	II	2.3	0.138	1.0	50.2
2015-May-30 02:36	2457172.608	0.10833	I	II	8.9	0.019	4.0	51.9
2015-May-31 20:46	2457174.365	0.86528	II	III	19.7	0.003	7.5	32.6
2015-May-31 21:08	2457174.381	0.88056	II	III	3.8	0.179	1.4	31.0
2015-May-31 21:32	2457174.397	0.89722	II	III	19.9	0.001	7.5	29.4
2015-Jun-02 15:24	2457176.142	0.64167	I	II	8.6	0.026	3.8	50.3
2015-Jun-02 15:36	2457176.15	0.65000	I	II	2.3	0.139	1.0	52.0
2015-Jun-02 15:48	2457176.158	0.65833	I	II	9.7	0.006	4.3	53.6
2015-Jun-03 10:44	2457176.947	0.44722	III	II	19.7		12.5	32.3
2015-Jun-03 11:32	2457176.981	0.48056	III	II	0.4		0.2	30.6
2015-Jun-03 12:22	2457177.015	0.51528	III	II	19.3		12.2	28.9
2015-Jun-03 14:36	2457177.108	0.60833	III	I	20.0		12.7	24.2
2015-Jun-03 15:32	2457177.147	0.64722	III	I	0.3		0.2	22.2
2015-Jun-03 16:36	2457177.192	0.69167	III	I	19.7		12.5	20.0
2015-Jun-04 07:40	2457177.819	0.31944	III	I	2.4		1.5	11.6
2015-Jun-04 10:14	2457177.926	0.42639	III	I	9.9		6.3	17.0
2015-Jun-04 12:52	2457178.036	0.53611	III	I	0.4		0.2	22.5
2015-Jun-04 14:42	2457178.113	0.61250	III	I	19.7		12.4	26.3
2015-Jun-06 04:34	2457179.69	0.19028	I	II	9.3	0.013	4.1	51.8
2015-Jun-06 04:46	2457179.699	0.19861	I	II	2.1	0.142	0.9	53.4
2015-Jun-06 05:00	2457179.708	0.20833	I	II	10.0	0.001	4.4	55.4
2015-Jun-07 06:22	2457180.765	0.26528	IV	III	19.9		11.4	10.2
2015-Jun-07 07:06	2457180.796	0.29583	IV	III	1.9		1.1	10.9
2015-Jun-07 07:48	2457180.825	0.32500	IV	III	19.4		11.2	11.5
2015-Jun-08 00:12	2457181.508	0.00833	II	III	18.7	0.015	6.9	29.6
2015-Jun-08 00:34	2457181.524	0.02361	II	III	3.1	0.186	1.1	28.0
2015-Jun-08 00:56	2457181.539	0.03889	II	III	19.8	0.002	7.4	26.5
2015-Jun-09 17:46	2457183.24	0.74028	I	II	8.7	0.023	3.8	53.5
2015-Jun-09 17:58	2457183.249	0.74861	I	II	2.0	0.144	0.9	55.2
2015-Jun-09 18:10	2457183.257	0.75694	I	II	8.7	0.024	3.8	56.9
2015-Jun-10 14:16	2457184.094	0.59444	III	II	19.4		12.1	33.8
2015-Jun-10 15:06	2457184.129	0.62917	III	II	0.6		0.4	32.0
2015-Jun-10 16:00	2457184.167	0.66667	III	II	20.0		12.5	30.1

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Jun-10 18:04	2457184.253	0.75278	III	I	20.0		12.5	25.8
2015-Jun-10 19:20	2457184.306	0.80556	III	I	0.2		0.1	23.1
2015-Jun-10 21:14	2457184.385	0.88472	III	I	19.8		12.3	19.2
2015-Jun-11 16:00	2457185.167	0.66667	III	I	20.0		12.4	20.2
2015-Jun-11 17:24	2457185.225	0.72500	III	I	0.1		0.1	23.1
2015-Jun-11 18:30	2457185.271	0.77083	III	I	20.0		12.4	25.4
2015-Jun-13 06:56	2457186.789	0.28889	I	II	10.0	0.001	4.3	55.0
2015-Jun-13 07:10	2457186.799	0.29861	I	II	1.9	0.146	0.8	56.9
2015-Jun-13 07:24	2457186.808	0.30833	I	II	9.7	0.006	4.2	58.9
2015-Jun-13 17:46	2457187.24	0.74028	III	IV	20.0		12.3	124.1
2015-Jun-13 21:32	2457187.397	0.89722	III	IV	17.7		10.9	132.0
2015-Jun-14 01:24	2457187.558	0.05833	III	IV	20.0		12.3	140.0
2015-Jun-15 03:38	2457188.651	0.15139	II	III	18.5	0.017	6.8	26.6
2015-Jun-15 03:58	2457188.665	0.16528	II	III	2.4	0.194	0.9	25.2
2015-Jun-15 04:20	2457188.681	0.18056	II	III	18.7	0.014	6.9	23.7
2015-Jun-16 16:26	2457190.185	0.68472	III	IV	19.9		12.2	88.5
2015-Jun-16 18:24	2457190.267	0.76667	III	IV	0.9		0.5	84.3
2015-Jun-16 20:08	2457190.339	0.83889	I	II	10.0	0.001	4.3	56.7
2015-Jun-16 20:12	2457190.342	0.84167	III	IV	19.9		12.2	80.6
2015-Jun-16 20:22	2457190.349	0.84861	I	II	1.8	0.148	0.8	58.6
2015-Jun-16 20:36	2457190.358	0.85833	I	II	9.1	0.016	3.9	60.6
2015-Jun-17 17:50	2457191.243	0.74306	III	II	19.9		12.2	35.3
2015-Jun-17 18:44	2457191.281	0.78056	III	II	1.0		0.6	33.4
2015-Jun-17 19:40	2457191.319	0.81944	III	II	19.7		12.1	31.4
2015-Jun-17 22:18	2457191.429	0.92917	III	I	19.7		12.1	25.9
2015-Jun-18 01:34	2457191.565	0.06528	III	I	4.1		2.5	19.1
2015-Jun-18 04:16	2457191.678	0.17778	III	I	12.6		7.7	13.4
2015-Jun-18 20:04	2457192.336	0.83611	III	I	19.9		12.2	19.7
2015-Jun-18 21:02	2457192.376	0.87639	III	I	0.4		0.2	21.7
2015-Jun-18 21:52	2457192.411	0.91111	III	I	19.6		12.0	23.5
2015-Jun-20 09:22	2457193.89	0.39028	I	II	9.1	0.016	3.9	58.6
2015-Jun-20 09:36	2457193.9	0.40000	I	II	1.6	0.150	0.7	60.6
2015-Jun-20 09:50	2457193.91	0.40972	I	II	9.4	0.011	4.0	62.6

Day/Time, UT	Julian Day	Decimal Day	Front Object	Back Object	separation front radii	mag drop unfiltered	separation arc seconds	O-P-T
2015-Jun-22 07:04	2457195.794	0.29444	II	III	19.3	0.007	7.0	23.7
2015-Jun-22 07:26	2457195.81	0.30972	II	III	1.4	0.204	0.5	22.2
2015-Jun-22 07:46	2457195.824	0.32361	II	III	18.3	0.018	6.6	20.7
2015-Jun-22 16:50	2457196.201	0.70139	IV	III	19.3		10.8	19.7
2015-Jun-22 17:36	2457196.233	0.73333	IV	III	4.9		2.7	19.0
2015-Jun-22 18:22	2457196.265	0.76528	IV	III	19.9		11.1	18.3
2015-Jun-23 01:00	2457196.542	0.04167	IV	I	19.3		10.8	12.3
2015-Jun-23 01:46	2457196.574	0.07361	IV	I	4.6		2.6	11.6
2015-Jun-23 02:38	2457196.61	0.10972	IV	I	19.4		10.8	10.8
2015-Jun-23 22:34	2457197.44	0.94028	I	II	9.7	0.005	4.1	60.3
2015-Jun-23 22:50	2457197.451	0.95139	I	II	1.6	0.151	0.7	62.6
2015-Jun-23 23:04	2457197.461	0.96111	I	II	9.4	0.010	4.0	64.5
2015-Jun-24 00:04	2457197.503	0.00278	IV	II	19.7		10.9	8.5
2015-Jun-24 00:42	2457197.529	0.02917	IV	II	2.1		1.2	9.0
2015-Jun-24 01:22	2457197.557	0.05694	IV	II	19.9		11.1	9.6
2015-Jun-24 03:16	2457197.636	0.13611	IV	I	20.0		11.1	11.4
2015-Jun-24 04:20	2457197.681	0.18056	IV	I	3.3		1.9	12.3
2015-Jun-24 05:12	2457197.717	0.21667	IV	I	19.2		10.7	13.1
2015-Jun-24 21:28	2457198.394	0.89444	III	II	19.9		12.0	36.7
2015-Jun-24 22:26	2457198.435	0.93472	III	II	1.5		0.9	34.7
2015-Jun-24 23:24	2457198.475	0.97500	III	II	19.4		11.7	32.7
2015-Jun-25 23:34	2457199.482	0.98194	III	I	19.9		12.0	18.0
2015-Jun-26 00:22	2457199.515	0.01528	III	I	0.9		0.6	19.6
2015-Jun-26 01:04	2457199.544	0.04444	III	I	19.7		11.9	21.1
2015-Jun-27 11:48	2457200.992	0.49167	I	II	9.5	0.008	4.0	62.3
2015-Jun-27 12:04	2457201.003	0.50278	I	II	1.5	0.154	0.6	64.5
2015-Jun-27 12:18	2457201.013	0.51250	I	II	9.0	0.018	3.8	66.5
2015-Jun-29 10:46	2457202.949	0.44861	II	III	6.9	0.145	2.4	19.7
2015-Jun-29 10:54	2457202.954	0.45417	II	III	0.6	0.214	0.2	19.2
2015-Jun-29 11:00	2457202.958	0.45833	II	III	5.9	0.155	2.1	18.7