

# A Set of Light Curves for the Eclipsing Binary AS Camelopardalis

V. S. Kozyreva<sup>1</sup>, A. V. Kusakin<sup>2</sup>, A. I. Bogomazov<sup>1</sup>

<sup>1</sup> M. V. Lomonosov Moscow State University, P. K. Sternberg Astronomical Institute, 119234, Universitetskij prospect, 13, Moscow, Russia

<sup>2</sup> National Space Agency, V. G. Fesenkov Astrophysical Institute, 050020, Observatory, 23, Almaty, Kazakhstan

We present a set of light curves of the eclipsing binary system AS Cam that were used for studies of its apsidal motion rate and light equation. This system was considered unusual during several decades, because its apsidal motion rate was estimated from observations as very slow in comparison with the theory. The presented light curves can be used for independent studies.

## 1 Introduction

Here we present light curves of the eclipsing variable AS Cam obtained from ground-based observations. These curves were studied in Khaliullin & Kozyreva (1983), Kozyreva & Khaliullin (1999), Kozyreva, Zakharov, & Khaliullin (1999), Kozyreva & Zakharov (2006a,b), Kozyreva, Kusakin & Bogomazov (2018), Kozyreva et al. (2021).

The main specific feature of AS Cam is the observationally estimated apsidal motion rate, found to be much less than the predicted theoretical value (Khaliullin & Kozyreva, 1983). A possible explanation is the presence of a third body in the system (Kozyreva & Khaliullin, 1999; Kozyreva, Zakharov, & Khaliullin, 1999).

The light curves presented in this paper can be used for independent studies.

## 2 Light curves

The light curves of AS Cam are presented in Table 1. Selected light curves are shown in Figures 1–19.

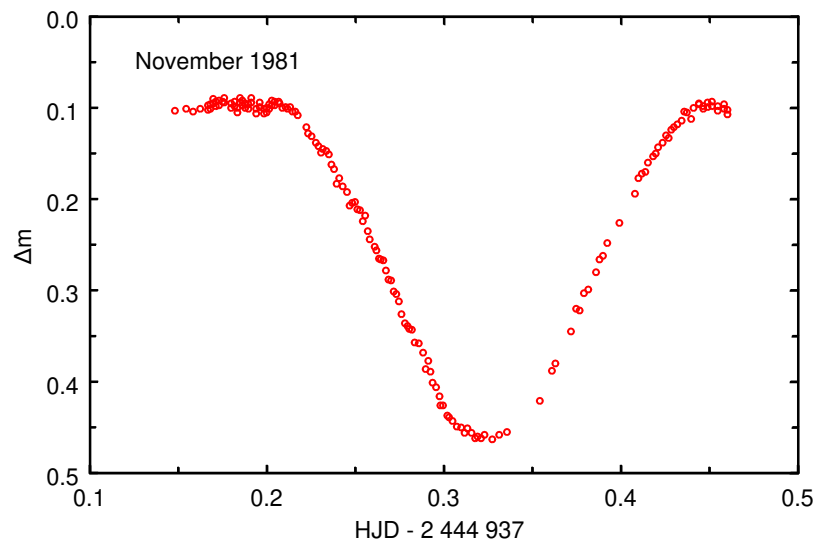
The table contains the differential magnitude of AS Cam,  $\Delta m$  (with HD 34463 used as the comparison star) in the  $V$  filter and  $\sigma$  (the standard deviation of  $\Delta m$ ) versus the heliocentric Julian date (HJD). Figures show the differential magnitude versus the HJD of the observation.

For further information about presented observations, see the above references.

**Acknowledgments:** This research was funded by the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan (grant No. AP09259383).

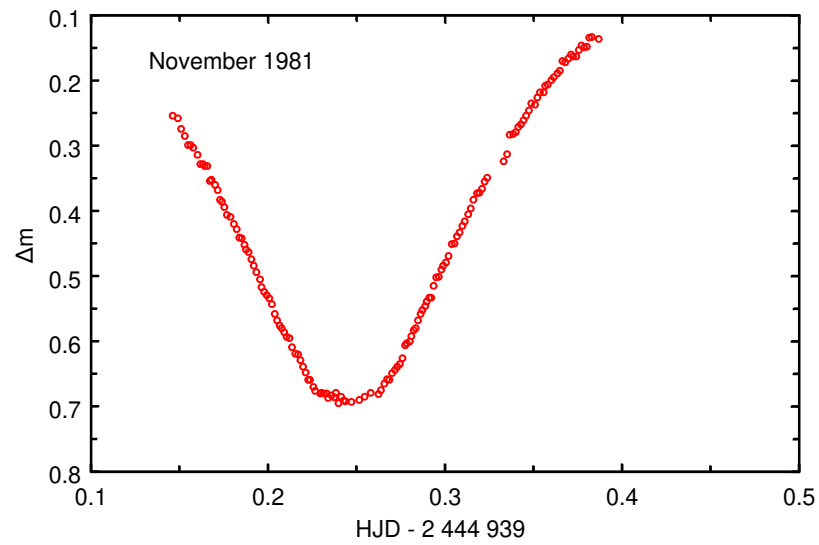
## References:

- Khaliullin, Kh. F., Kozyreva, V. S., 1983, *Astrophys. & Space Sci.*, **94**, 115  
 Kozyreva, V. S., Khaliullin, Kh. F., 1999, *Astronomy Reports*, **43**, 679  
 Kozyreva, V., Kusakin, A., Bogomazov, A., 2018, *Research in Astron. & Astrophys.*, **18**,  
 article id. 010  
 Kozyreva, V. S., Kusakin, A. V., Bogomazov, A. I., Omarov, Ch. T., 2021, *Astrophys.  
 Bull.*, **76**, 424  
 Kozyreva, V. S., Zakharov, A. L., 2006a, *Journ. of the AAVSO*, **35**, 181  
 Kozyreva, V. S., Zakharov, A. I., 2006b, *Astronomy Letters*, **32**, 313  
 Kozyreva, V. S., Zakharov, A. I., Khaliullin, Kh. F., 1999, *Inform. Bull. Var. Stars*,  
 No. 4690

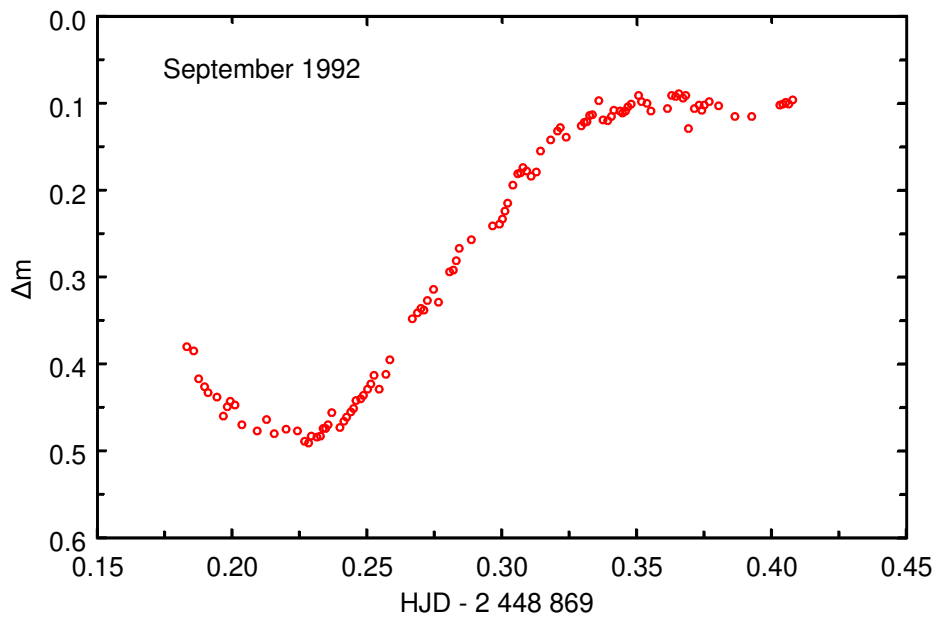


**Figure 1.**

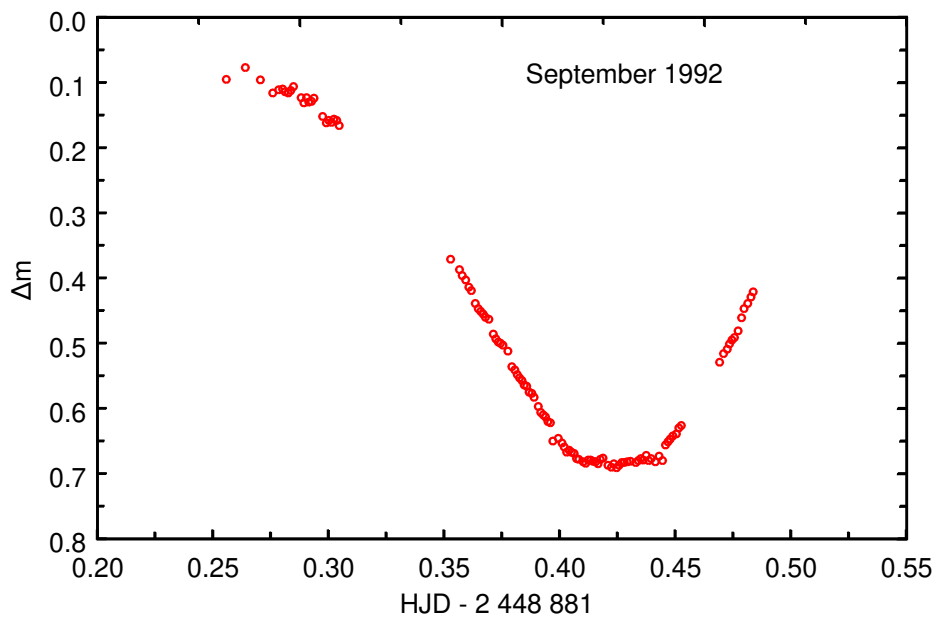
The light curve of AS Cam, November 1981, HJD 2 444 937.  $\Delta m$  is the differential magnitude of AS Cam with respect to HD 34463 in the  $V$  filter. See Table 1 for numerical values.



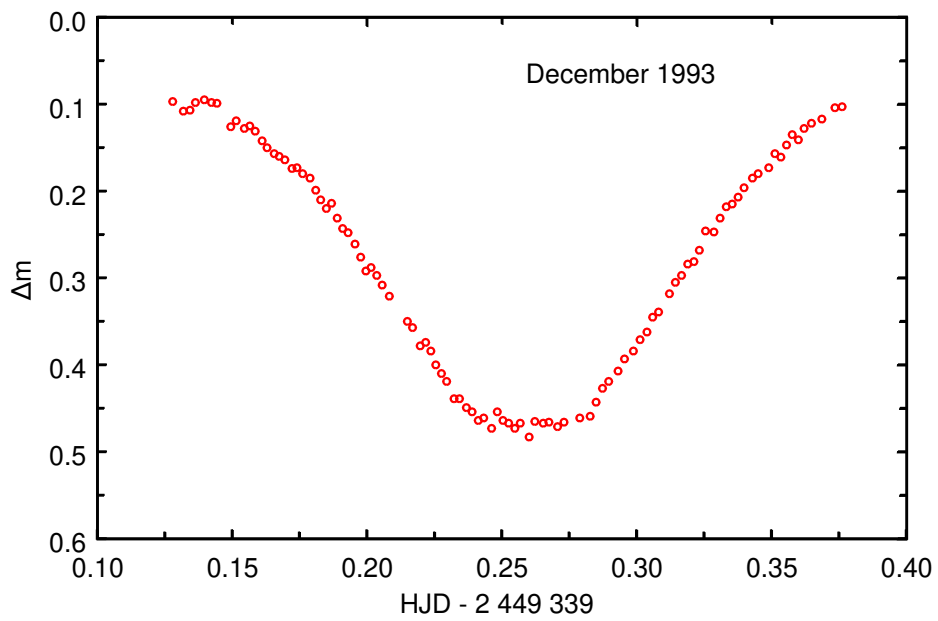
**Figure 2.**  
Same as in Fig. 1, November 1981, HJD 2 444 937. See Table for numerical values.



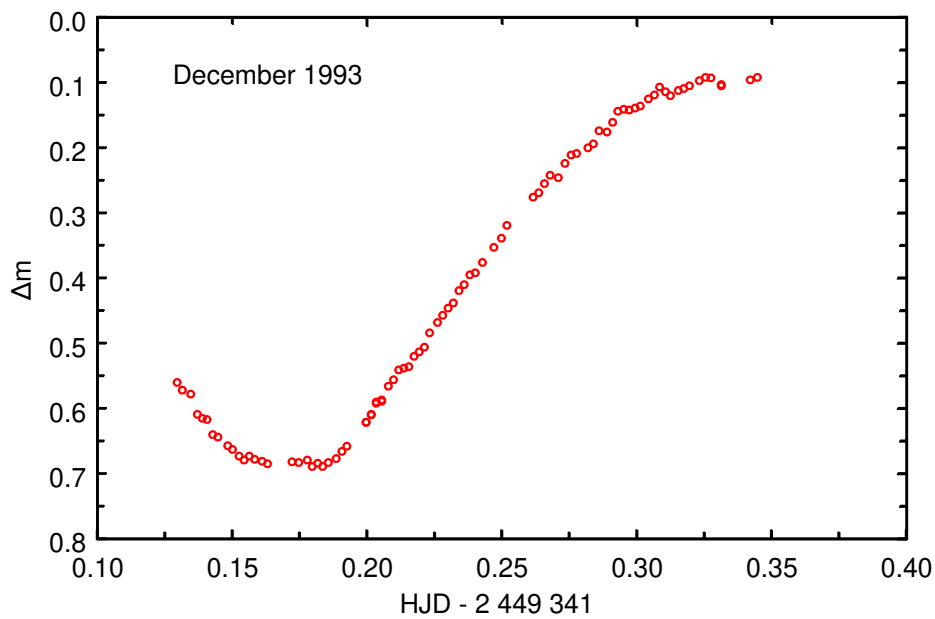
**Figure 3.**  
Same as in Fig. 1, September 1992, HJD 2 448 869. See Table for numerical values.



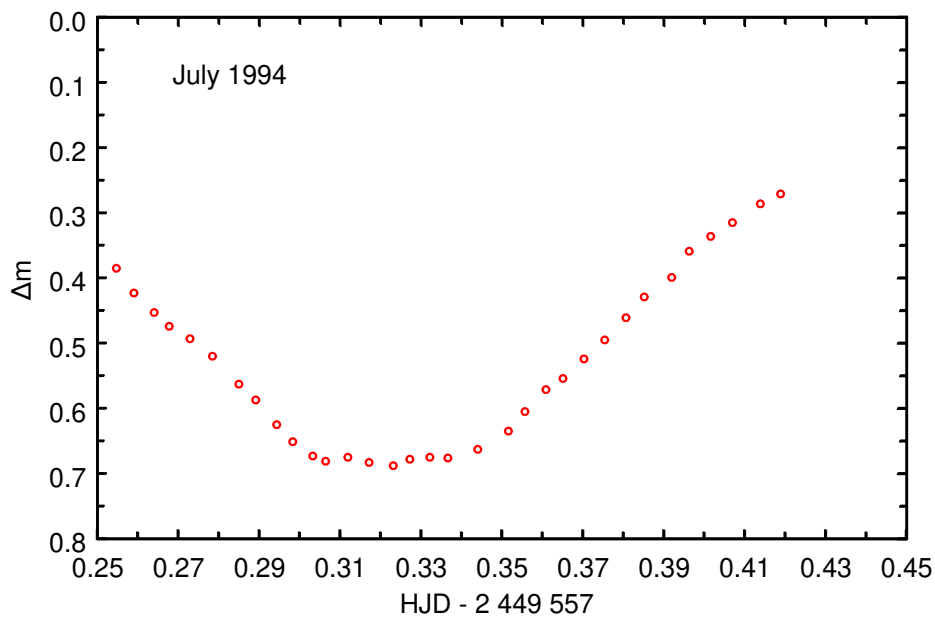
**Figure 4.**  
Same as in Fig. 1, September 1992, HJD 2 448 881. See Table for numerical values.



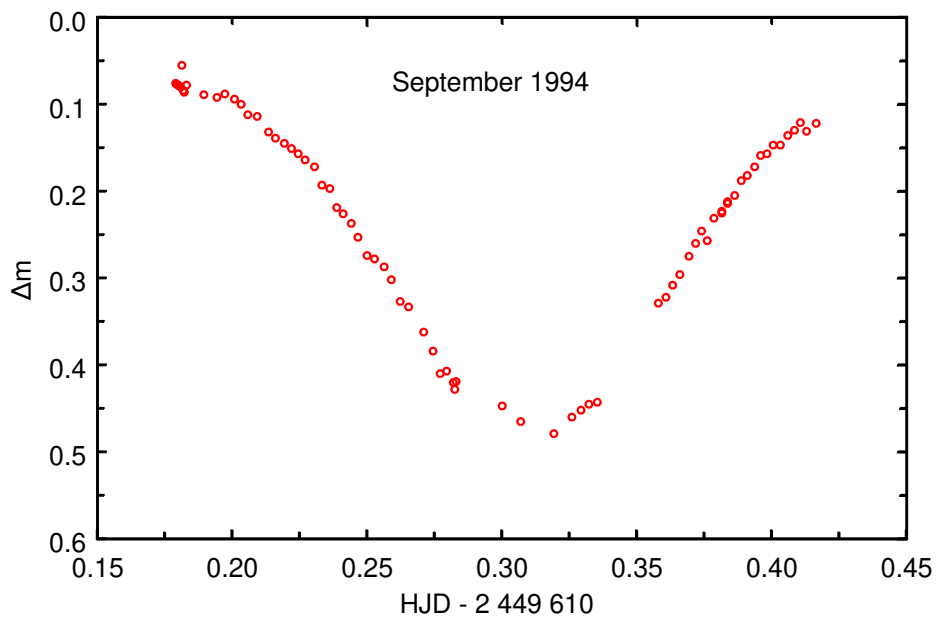
**Figure 5.**  
Same as in Fig. 1, December 1993, HJD 2 449 339. See Table for numerical values.



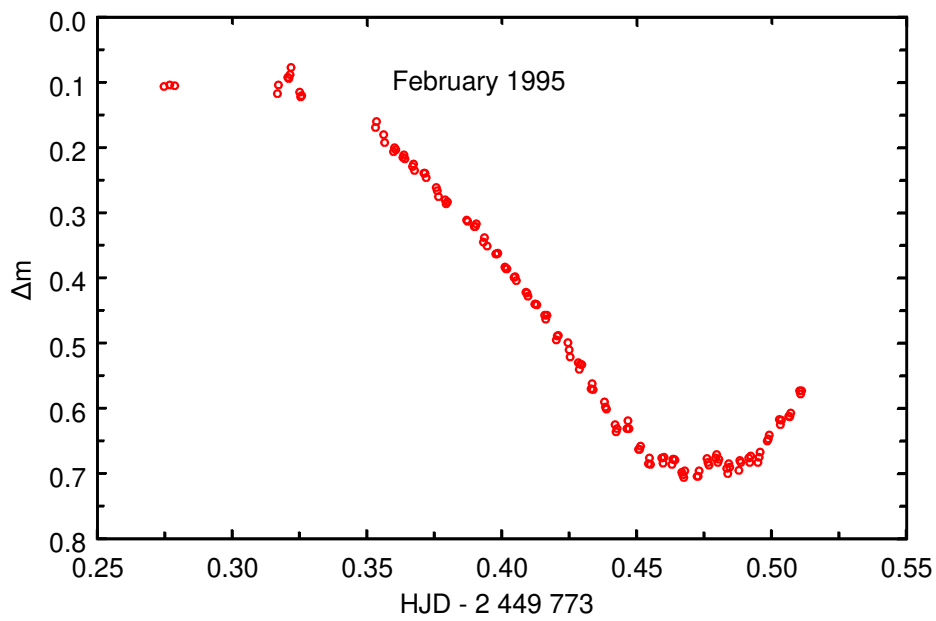
**Figure 6.**  
Same as in Fig. 1, December 1993, HJD 2 449 341. See Table for numerical values.



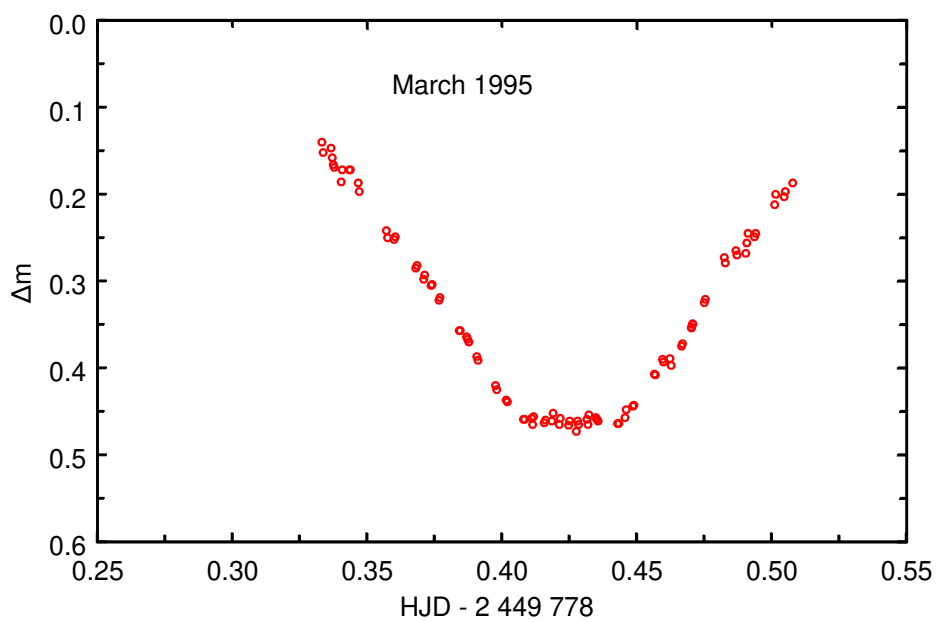
**Figure 7.**  
Same as in Fig. 1, July 1994, HJD 2 449 557. See Table for numerical values.



**Figure 8.**  
Same as in Fig. 1, September 1994, HJD 2 449 610. See Table for numerical values.

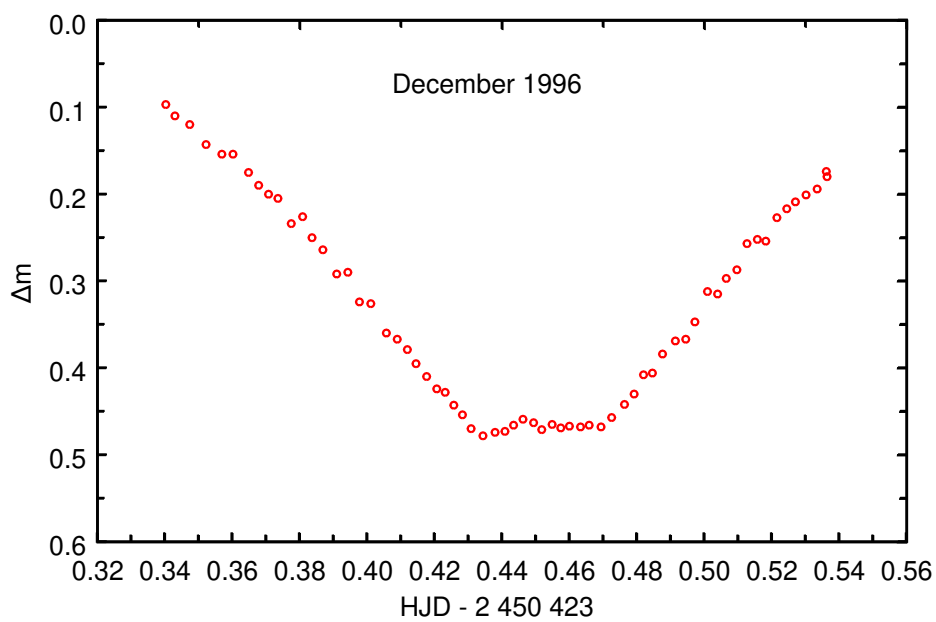


**Figure 9.**  
Same as in Fig. 1, February 1995, HJD 2 449 773. See Table for numerical values.



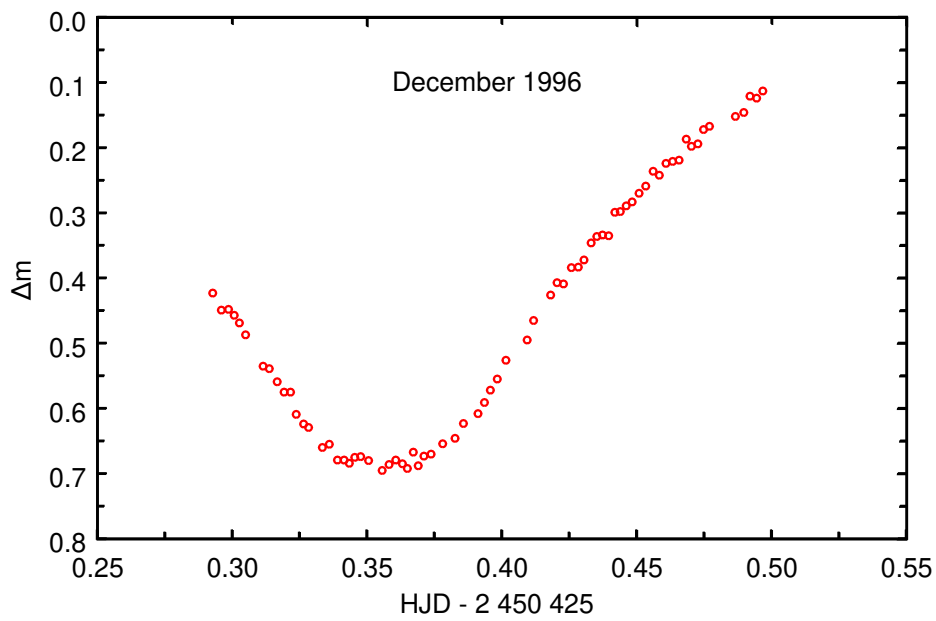
**Figure 10.**

Same as in Fig. 1, February 1995, HJD 2 449 778. See Table for numerical values.



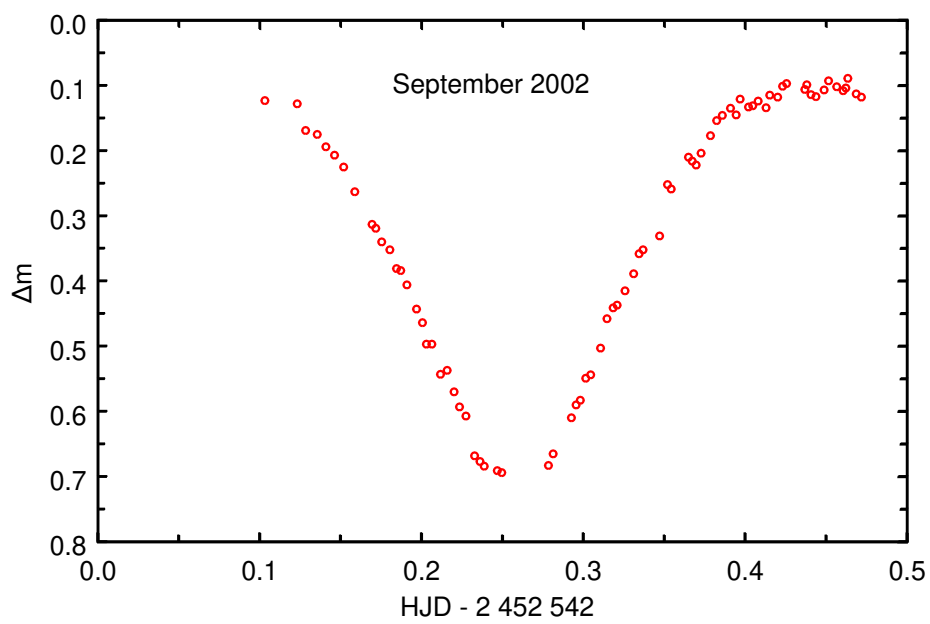
**Figure 11.**

Same as in Fig. 1, December 1996, HJD 2 450 423. See Table for numerical values.



**Figure 12.**

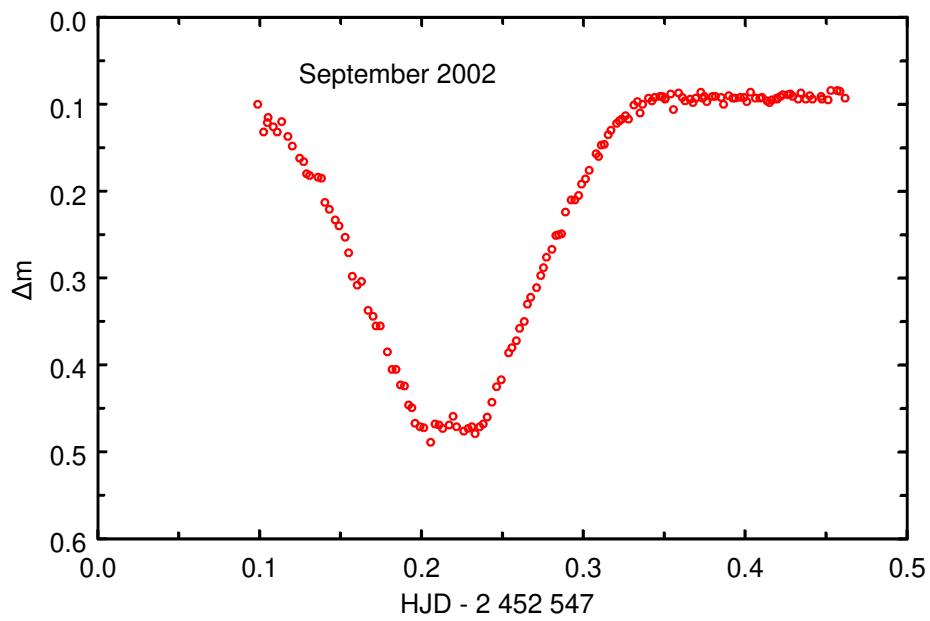
Same as in Fig. 1, December 1996, HJD 2 450 425. See Table for numerical values.



**Figure 13.**

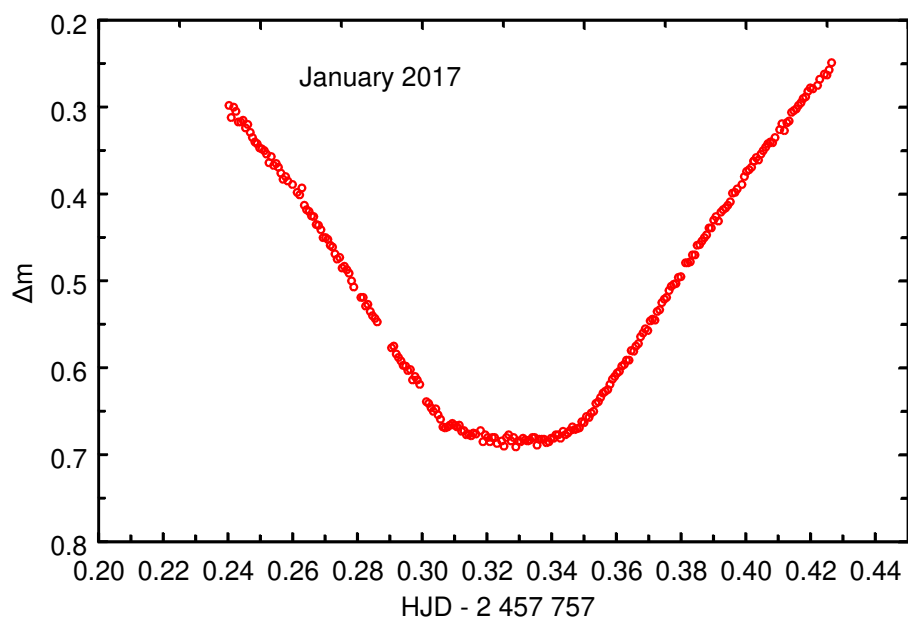
Same as in Fig. 1, September 2002, HJD 2 452 542. See Table for numerical values.





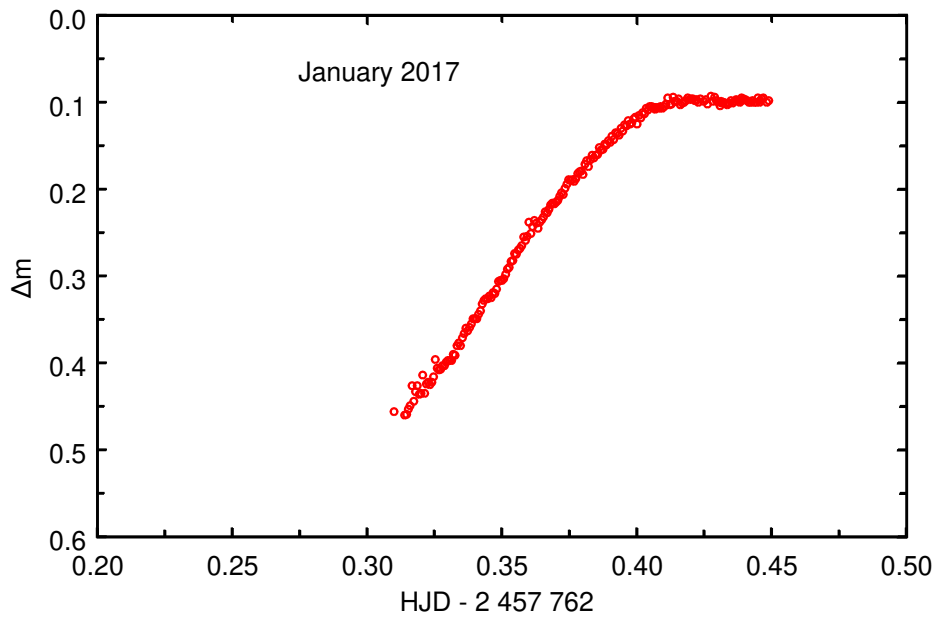
**Figure 14.**

Same as in Fig. 1, September 2002, HJD 2 452 547. See Table for numerical values.



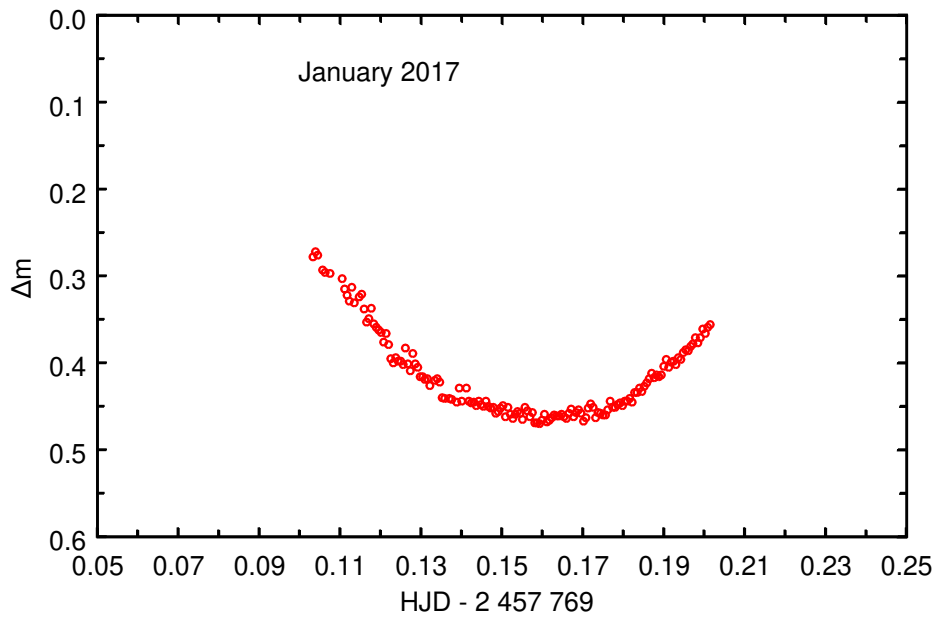
**Figure 15.**

Same as in Fig. 1, January 2017, HJD 2 457 757. See Table 23 for numerical values.



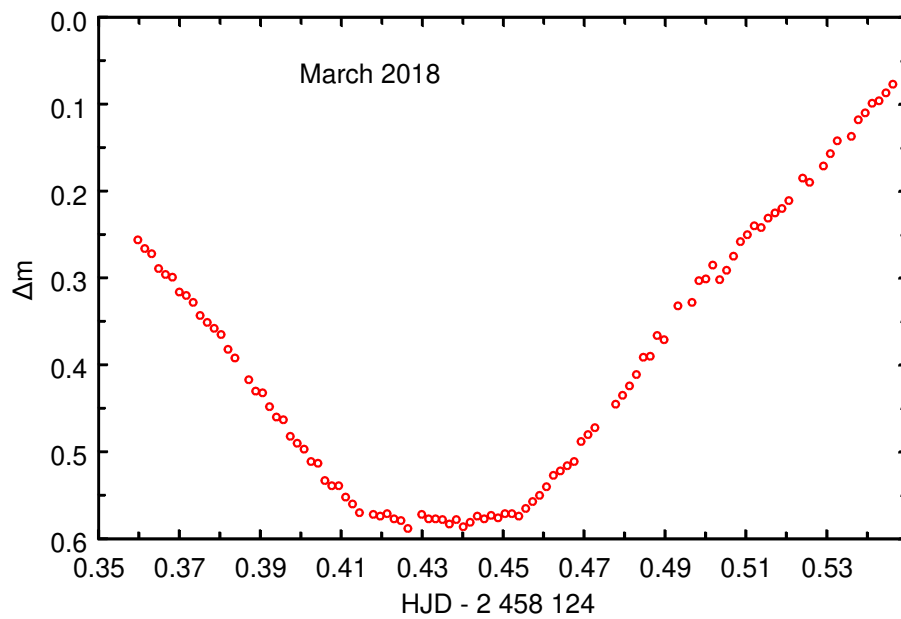
**Figure 16.**

Same as in Fig. 1, January 2017, HJD 2 457 762. See Table for numerical values.



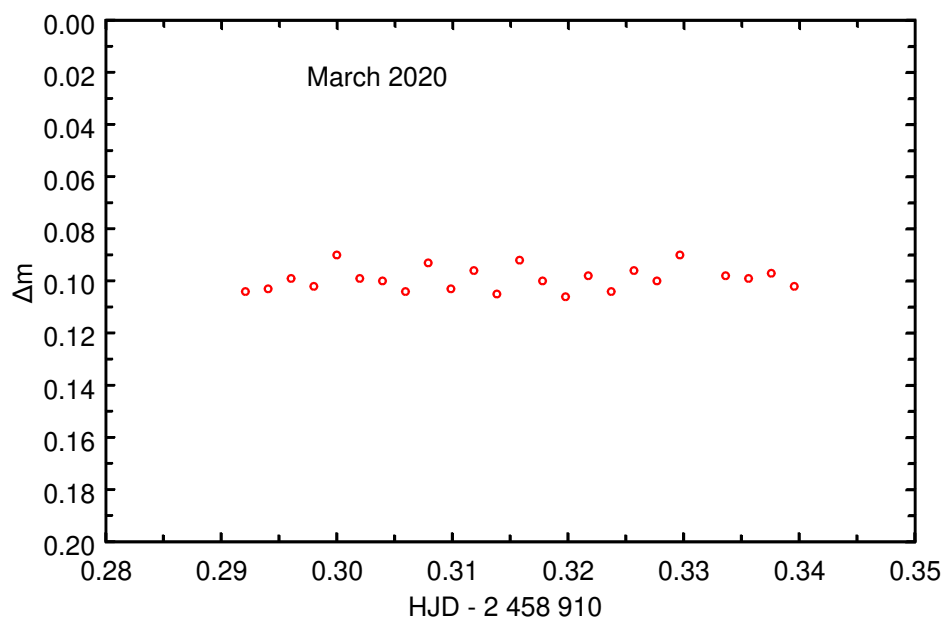
**Figure 17.**

Same as in Fig. 1, January 2017, HJD 2 457 769. See Table for numerical values.



**Figure 18.**

Same as in Fig. 1, January 2018, HJD 2 458 124. See Table for numerical values.



**Figure 19.**

Same as in Fig. 1, March 2022, HJD 2 458 910. See Table for numerical values.

Table 1: The light curve of AS Cam.  $\Delta m$  is the differential magnitude of AS Cam with respect to HD 34463 in the  $V$  filter,  $\sigma$  is the standard deviation of  $\Delta m$ .

HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$
44937.14810	0.103	0.005	44937.20720	0.095	0.005	44937.28340	0.357	0.005
44937.15440	0.101	0.005	44937.20870	0.100	0.005	44937.28580	0.358	0.005
44937.15830	0.104	0.005	44937.21060	0.099	0.005	44937.28820	0.368	0.005
44937.16230	0.101	0.005	44937.21160	0.101	0.005	44937.28970	0.386	0.005
44937.16670	0.102	0.005	44937.21310	0.099	0.005	44937.29120	0.377	0.005
44937.16670	0.097	0.005	44937.21450	0.104	0.005	44937.29240	0.389	0.005
44937.16810	0.096	0.005	44937.21600	0.104	0.005	44937.29360	0.401	0.005
44937.16810	0.101	0.005	44937.21740	0.108	0.005	44937.29560	0.406	0.005
44937.16960	0.090	0.005	44937.22230	0.121	0.005	44937.29750	0.416	0.005
44937.16960	0.095	0.005	44937.22330	0.128	0.005	44937.29800	0.426	0.005
44937.17110	0.098	0.005	44937.22520	0.131	0.005	44937.29950	0.426	0.005
44937.17110	0.093	0.005	44937.22770	0.138	0.005	44937.30190	0.437	0.005
44937.17300	0.092	0.005	44937.22910	0.142	0.005	44937.30290	0.439	0.005
44937.17300	0.097	0.005	44937.23060	0.149	0.005	44937.30480	0.443	0.005
44937.17490	0.093	0.005	44937.23160	0.145	0.005	44937.30730	0.449	0.005
44937.17590	0.089	0.005	44937.23350	0.147	0.005	44937.30970	0.450	0.005
44937.17590	0.094	0.005	44937.23500	0.151	0.005	44937.31170	0.456	0.005
44937.17980	0.100	0.005	44937.23650	0.162	0.005	44937.31320	0.451	0.005
44937.17980	0.095	0.005	44937.23790	0.167	0.005	44937.31560	0.456	0.005
44937.18180	0.093	0.005	44937.23940	0.183	0.005	44937.31760	0.462	0.005
44937.18180	0.098	0.005	44937.24080	0.177	0.005	44937.31900	0.460	0.005
44937.18330	0.100	0.005	44937.24280	0.186	0.005	44937.32100	0.462	0.005
44937.18330	0.105	0.005	44937.24520	0.192	0.005	44937.32290	0.458	0.005
44937.18480	0.094	0.005	44937.24670	0.207	0.005	44937.32730	0.463	0.005
44937.18480	0.089	0.005	44937.24820	0.204	0.005	44937.33120	0.458	0.005
44937.18620	0.097	0.005	44937.24970	0.203	0.005	44937.33560	0.455	0.005
44937.18620	0.092	0.005	44937.25110	0.211	0.005	44937.35410	0.421	0.005
44937.18770	0.095	0.005	44937.25260	0.212	0.005	44937.36100	0.388	0.005
44937.18770	0.100	0.005	44937.25410	0.224	0.005	44937.36300	0.380	0.005
44937.18960	0.101	0.005	44937.25550	0.218	0.005	44937.37170	0.345	0.005
44937.18960	0.096	0.005	44937.25700	0.235	0.005	44937.37470	0.320	0.005
44937.19110	0.089	0.005	44937.25800	0.244	0.005	44937.37660	0.322	0.005
44937.19110	0.094	0.005	44937.26090	0.252	0.005	44937.37910	0.303	0.005
44937.19400	0.101	0.005	44937.26180	0.256	0.005	44937.38150	0.299	0.005
44937.19400	0.106	0.005	44937.26330	0.265	0.005	44937.38590	0.280	0.005
44937.19590	0.094	0.005	44937.26430	0.266	0.005	44937.38790	0.266	0.005
44937.19590	0.099	0.005	44937.26580	0.267	0.005	44937.38980	0.262	0.005
44937.19840	0.106	0.005	44937.26720	0.278	0.005	44937.39230	0.248	0.005
44937.19840	0.101	0.005	44937.26870	0.288	0.005	44937.39910	0.226	0.005
44937.19980	0.105	0.005	44937.27020	0.289	0.005	44937.40790	0.194	0.005
44937.19980	0.100	0.005	44937.27160	0.301	0.005	44937.40980	0.177	0.005
44937.20130	0.101	0.005	44937.27310	0.304	0.005	44937.41180	0.172	0.005
44937.20130	0.096	0.005	44937.27460	0.312	0.005	44937.41370	0.170	0.005
44937.20280	0.092	0.005	44937.27600	0.326	0.005	44937.41520	0.160	0.005
44937.20280	0.097	0.005	44937.27800	0.336	0.005	44937.41810	0.153	0.005
44937.20430	0.093	0.005	44937.27940	0.339	0.005	44937.41960	0.150	0.005
44937.20430	0.097	0.005	44937.28040	0.342	0.005	44937.42100	0.143	0.005
44937.20670	0.093	0.005	44937.28190	0.343	0.005	44937.42350	0.138	0.005

Table 1: Continued.

HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$
44937.42350	0.138	0.005	44939.18380	0.441	0.005	44939.26380	0.675	0.005
44937.42550	0.130	0.005	44939.18520	0.442	0.005	44939.26580	0.665	0.005
44937.42690	0.133	0.005	44939.18670	0.452	0.005	44939.26730	0.658	0.005
44937.42840	0.124	0.005	44939.18760	0.459	0.005	44939.26860	0.659	0.005
44937.42990	0.121	0.005	44939.18910	0.463	0.005	44939.27020	0.649	0.005
44937.43180	0.118	0.005	44939.19060	0.474	0.005	44939.27170	0.644	0.005
44937.43430	0.114	0.005	44939.19200	0.484	0.005	44939.27310	0.639	0.005
44937.43570	0.104	0.005	44939.19350	0.494	0.005	44939.27460	0.635	0.005
44937.43720	0.105	0.005	44939.19550	0.505	0.005	44939.27600	0.626	0.005
44937.43960	0.112	0.005	44939.19640	0.517	0.005	44939.27750	0.606	0.005
44937.44100	0.100	0.005	44939.19790	0.524	0.005	44939.27850	0.603	0.005
44937.44400	0.096	0.005	44939.19930	0.529	0.005	44939.28010	0.600	0.005
44937.44400	0.095	0.005	44939.20080	0.534	0.005	44939.28100	0.592	0.005
44937.44640	0.101	0.005	44939.20230	0.543	0.005	44939.28240	0.583	0.005
44937.44640	0.098	0.005	44939.20380	0.558	0.005	44939.28340	0.580	0.005
44937.44890	0.099	0.005	44939.20520	0.568	0.005	44939.28480	0.568	0.005
44937.44890	0.094	0.005	44939.20670	0.576	0.005	44939.28630	0.558	0.005
44937.45130	0.093	0.005	44939.20770	0.580	0.005	44939.28730	0.552	0.005
44937.45130	0.098	0.005	44939.20920	0.586	0.005	44939.28880	0.546	0.005
44937.45470	0.103	0.005	44939.21060	0.593	0.005	44939.28970	0.539	0.005
44937.45470	0.098	0.005	44939.21210	0.595	0.005	44939.29120	0.533	0.005
44937.45820	0.101	0.005	44939.21360	0.609	0.005	44939.29220	0.533	0.005
44937.45820	0.096	0.005	44939.21550	0.619	0.005	44939.29360	0.515	0.005
44937.46010	0.107	0.005	44939.21700	0.620	0.005	44939.29510	0.502	0.005
44937.46010	0.102	0.005	44939.21840	0.629	0.005	44939.29650	0.501	0.005
44939.14620	0.254	0.005	44939.21990	0.639	0.005	44939.29800	0.490	0.005
44939.14910	0.258	0.005	44939.22130	0.648	0.005	44939.29900	0.484	0.005
44939.15100	0.274	0.005	44939.22280	0.659	0.005	44939.30050	0.479	0.005
44939.15300	0.285	0.005	44939.22370	0.659	0.005	44939.30200	0.469	0.005
44939.15490	0.299	0.005	44939.22570	0.670	0.005	44939.30390	0.451	0.005
44939.15640	0.299	0.005	44939.22670	0.676	0.005	44939.30540	0.450	0.005
44939.15780	0.303	0.005	44939.22960	0.680	0.005	44939.30680	0.439	0.005
44939.16030	0.314	0.005	44939.23020	0.679	0.005	44939.30830	0.433	0.005
44939.16180	0.328	0.005	44939.23160	0.680	0.005	44939.30980	0.423	0.005
44939.16330	0.328	0.005	44939.23310	0.680	0.005	44939.31120	0.416	0.005
44939.16430	0.331	0.005	44939.23400	0.687	0.005	44939.31310	0.405	0.005
44939.16570	0.331	0.005	44939.23600	0.683	0.005	44939.31460	0.396	0.005
44939.16720	0.354	0.005	44939.23750	0.686	0.005	44939.31610	0.383	0.005
44939.16810	0.352	0.005	44939.23840	0.679	0.005	44939.31810	0.373	0.005
44939.17010	0.360	0.005	44939.23990	0.695	0.005	44939.31950	0.372	0.005
44939.17160	0.368	0.005	44939.24130	0.685	0.005	44939.32100	0.366	0.005
44939.17300	0.383	0.005	44939.24280	0.691	0.005	44939.32240	0.355	0.005
44939.17400	0.386	0.005	44939.24380	0.692	0.005	44939.32390	0.349	0.005
44939.17540	0.394	0.005	44939.24720	0.693	0.005	44939.33320	0.324	0.005
44939.17690	0.406	0.005	44939.25160	0.690	0.005	44939.33510	0.313	0.005
44939.17880	0.409	0.005	44939.25460	0.685	0.005	44939.33660	0.283	0.005
44939.18080	0.420	0.005	44939.25800	0.679	0.005	44939.33850	0.282	0.005
44939.18230	0.428	0.005	44939.26240	0.681	0.005	44939.34000	0.279	0.005

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
44939.34150	0.271	0.005	48869.22837	0.491	0.0050	48869.32064	0.132	0.005
44939.34290	0.267	0.005	48869.22938	0.483	0.0050	48869.32166	0.128	0.005
44939.34440	0.261	0.005	48869.23148	0.484	0.0050	48869.32382	0.139	0.005
44939.34590	0.254	0.005	48869.23272	0.483	0.0050	48869.32942	0.126	0.005
44939.34740	0.246	0.005	48869.23372	0.474	0.0050	48869.33057	0.122	0.005
44939.34880	0.235	0.005	48869.23467	0.474	0.0050	48869.33152	0.121	0.005
44939.35080	0.237	0.005	48869.23561	0.470	0.0050	48869.33260	0.114	0.005
44939.35220	0.226	0.005	48869.23699	0.456	0.0050	48869.33357	0.113	0.005
44939.35370	0.218	0.005	48869.24001	0.473	0.0050	48869.33595	0.097	0.005
44939.35570	0.218	0.005	48869.24140	0.466	0.0050	48869.33750	0.119	0.005
44939.35660	0.208	0.005	48869.24245	0.461	0.0050	48869.33924	0.120	0.005
44939.35810	0.206	0.005	48869.24403	0.455	0.0050	48869.34059	0.115	0.005
44939.36010	0.199	0.005	48869.24499	0.451	0.0050	48869.34152	0.108	0.005
44939.36150	0.195	0.005	48869.24596	0.442	0.0050	48869.34382	0.109	0.005
44939.36350	0.189	0.005	48869.24764	0.440	0.0050	48869.34477	0.111	0.005
44939.36490	0.185	0.005	48869.24866	0.436	0.0050	48869.34582	0.109	0.005
44939.36640	0.170	0.005	48869.25022	0.429	0.0050	48869.34679	0.104	0.005
44939.36790	0.172	0.005	48869.25140	0.423	0.0050	48869.34790	0.101	0.005
44939.36980	0.166	0.005	48869.25259	0.413	0.0050	48869.35070	0.091	0.005
44939.37130	0.160	0.005	48869.25450	0.429	0.0050	48869.35180	0.098	0.005
44939.37230	0.163	0.005	48869.25703	0.412	0.0050	48869.35379	0.100	0.005
44939.37420	0.163	0.005	48869.25848	0.395	0.0050	48869.35528	0.109	0.005
44939.37570	0.153	0.005	48869.26681	0.348	0.0050	48869.36141	0.106	0.005
44939.37710	0.146	0.005	48869.26874	0.341	0.0050	48869.36295	0.091	0.005
44939.37860	0.149	0.005	48869.27005	0.336	0.0050	48869.36441	0.092	0.005
44939.38010	0.148	0.005	48869.27108	0.338	0.0050	48869.36562	0.089	0.005
44939.38150	0.134	0.005	48869.27239	0.327	0.0050	48869.36721	0.094	0.005
44939.38300	0.133	0.005	48869.27466	0.314	0.0050	48869.36819	0.091	0.005
44939.38690	0.136	0.005	48869.27650	0.329	0.0050	48869.36914	0.129	0.005
44951.50260	0.098	0.005	48869.28062	0.294	0.0050	48869.37138	0.106	0.005
44951.51970	0.103	0.005	48869.28199	0.292	0.0050	48869.37314	0.102	0.005
48869.18324	0.380	0.005	48869.28314	0.281	0.0050	48869.37413	0.108	0.005
48869.18579	0.385	0.005	48869.28424	0.267	0.0050	48869.37507	0.102	0.005
48869.18760	0.417	0.005	48869.28873	0.257	0.0050	48869.37688	0.098	0.005
48869.18978	0.426	0.005	48869.29658	0.241	0.0050	48869.38038	0.103	0.005
48869.19104	0.433	0.005	48869.29911	0.239	0.0050	48869.38640	0.115	0.005
48869.19438	0.438	0.005	48869.30022	0.233	0.0050	48869.39265	0.115	0.005
48869.19679	0.460	0.005	48869.30114	0.224	0.0050	48869.40310	0.102	0.005
48869.19826	0.449	0.005	48869.30219	0.215	0.0050	48869.40417	0.101	0.005
48869.19934	0.443	0.005	48869.30408	0.194	0.0050	48869.40526	0.099	0.005
48869.20101	0.447	0.005	48869.30591	0.181	0.0050	48869.40635	0.101	0.005
48869.20366	0.470	0.005	48869.30689	0.180	0.0050	48869.40785	0.096	0.005
48869.20925	0.477	0.005	48869.30783	0.174	0.0050	48876.39593	0.102	0.006
48869.21273	0.464	0.005	48869.30919	0.178	0.0050	48876.41038	0.092	0.006
48869.21559	0.480	0.005	48869.31082	0.184	0.0050	48876.41770	0.085	0.006
48869.22003	0.475	0.005	48869.31276	0.179	0.0050	48876.42617	0.097	0.006
48869.22423	0.477	0.005	48869.31434	0.155	0.0050	48879.27098	0.089	0.006
48869.22691	0.489	0.005	48869.31809	0.142	0.0050	48879.27098	0.089	0.006

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
48879.28179	0.091	0.006	48881.38166	0.548	0.007	48881.43956	0.677	0.007
48879.28179	0.091	0.006	48881.38269	0.553	0.007	48881.44144	0.682	0.007
48879.28645	0.084	0.006	48881.38371	0.557	0.007	48881.44302	0.673	0.007
48879.28645	0.084	0.006	48881.38471	0.564	0.007	48881.44452	0.680	0.007
48879.29030	0.078	0.006	48881.38578	0.566	0.007	48881.44580	0.656	0.007
48881.25578	0.095	0.007	48881.38684	0.575	0.007	48881.44684	0.651	0.007
48881.26402	0.077	0.007	48881.38793	0.577	0.007	48881.44786	0.647	0.007
48881.27056	0.096	0.007	48881.38899	0.583	0.007	48881.44894	0.642	0.007
48881.27596	0.116	0.007	48881.39075	0.597	0.007	48881.45053	0.639	0.007
48881.27848	0.111	0.007	48881.39186	0.606	0.007	48881.45154	0.630	0.007
48881.28016	0.110	0.007	48881.39288	0.610	0.007	48881.45257	0.626	0.007
48881.28130	0.114	0.007	48881.39390	0.613	0.007	48881.46913	0.529	0.007
48881.28260	0.116	0.007	48881.39495	0.620	0.007	48881.47087	0.516	0.007
48881.28372	0.112	0.007	48881.39598	0.622	0.007	48881.47249	0.509	0.007
48881.28488	0.106	0.007	48881.39708	0.650	0.007	48881.47350	0.501	0.007
48881.28817	0.123	0.007	48881.39940	0.646	0.007	48881.47456	0.495	0.007
48881.28934	0.131	0.007	48881.40097	0.653	0.007	48881.47563	0.491	0.007
48881.29050	0.123	0.007	48881.40200	0.659	0.007	48881.47721	0.481	0.007
48881.29154	0.130	0.007	48881.40304	0.667	0.007	48881.47872	0.461	0.007
48881.29265	0.129	0.007	48881.40407	0.664	0.007	48881.47978	0.447	0.007
48881.29374	0.124	0.007	48881.40512	0.667	0.007	48881.48132	0.439	0.007
48881.29744	0.152	0.007	48881.40620	0.669	0.007	48881.48275	0.429	0.007
48881.29906	0.162	0.007	48881.40728	0.677	0.007	48881.48376	0.421	0.007
48881.30014	0.158	0.007	48881.40833	0.678	0.007	49332.11116	0.081	0.007
48881.30132	0.161	0.007	48881.41022	0.682	0.007	49332.13960	0.083	0.007
48881.30244	0.156	0.007	48881.41127	0.684	0.007	49332.15529	0.084	0.007
48881.30357	0.158	0.007	48881.41234	0.679	0.007	49332.17125	0.087	0.007
48881.30462	0.166	0.007	48881.41337	0.679	0.007	49332.19306	0.081	0.007
48881.35281	0.371	0.007	48881.41443	0.681	0.007	49337.14074	0.089	0.007
48881.35663	0.387	0.007	48881.41551	0.682	0.007	49339.12799	0.097	0.005
48881.35783	0.396	0.007	48881.41656	0.685	0.007	49339.13191	0.108	0.005
48881.35930	0.403	0.007	48881.41760	0.678	0.007	49339.13441	0.107	0.005
48881.36076	0.414	0.007	48881.41870	0.676	0.007	49339.13638	0.098	0.005
48881.36180	0.419	0.007	48881.42088	0.687	0.007	49339.13973	0.095	0.005
48881.36348	0.439	0.007	48881.42242	0.690	0.007	49339.14233	0.098	0.005
48881.36480	0.447	0.007	48881.42347	0.685	0.007	49339.14439	0.099	0.005
48881.36587	0.451	0.007	48881.42463	0.691	0.007	49339.14949	0.126	0.005
48881.36689	0.455	0.007	48881.42569	0.687	0.007	49339.15152	0.119	0.005
48881.36791	0.460	0.007	48881.42683	0.683	0.007	49339.15454	0.128	0.005
48881.36942	0.463	0.007	48881.42788	0.683	0.007	49339.15657	0.125	0.005
48881.37136	0.486	0.007	48881.42917	0.682	0.007	49339.15853	0.131	0.005
48881.37239	0.493	0.007	48881.43056	0.681	0.007	49339.16112	0.142	0.005
48881.37341	0.498	0.007	48881.43295	0.683	0.007	49339.16299	0.150	0.005
48881.37444	0.500	0.007	48881.43401	0.680	0.007	49339.16559	0.157	0.005
48881.37550	0.503	0.007	48881.43506	0.677	0.007	49339.16745	0.160	0.005
48881.37758	0.512	0.007	48881.43612	0.679	0.007	49339.16959	0.164	0.005
48881.37933	0.536	0.007	48881.43747	0.672	0.007	49339.17219	0.174	0.005
48881.38064	0.541	0.007	48881.43849	0.680	0.007	49339.17405	0.173	0.005

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
49339.17616	0.180	0.005	49339.29547	0.393	0.005	49341.17223	0.682	0.005
49339.17892	0.185	0.005	49339.29872	0.384	0.005	49341.17466	0.683	0.005
49339.18100	0.199	0.005	49339.30126	0.371	0.005	49341.17788	0.679	0.005
49339.18285	0.210	0.005	49339.30378	0.362	0.005	49341.17971	0.689	0.005
49339.18491	0.220	0.005	49339.30595	0.345	0.005	49341.18171	0.684	0.005
49339.18684	0.214	0.005	49339.30815	0.339	0.005	49341.18360	0.689	0.005
49339.18892	0.231	0.005	49339.31212	0.318	0.005	49341.18565	0.683	0.005
49339.19095	0.243	0.005	49339.31432	0.305	0.005	49341.18859	0.677	0.005
49339.19300	0.248	0.005	49339.31666	0.297	0.005	49341.19066	0.666	0.005
49339.19552	0.261	0.005	49339.31887	0.284	0.005	49341.19251	0.658	0.005
49339.19765	0.276	0.005	49339.32117	0.281	0.005	49341.19968	0.621	0.005
49339.19957	0.292	0.005	49339.32322	0.268	0.005	49341.19968	0.621	0.005
49339.20153	0.288	0.005	49339.32554	0.246	0.005	49341.20162	0.610	0.005
49339.20358	0.297	0.005	49339.32859	0.247	0.005	49341.20162	0.609	0.005
49339.20563	0.308	0.005	49339.33088	0.231	0.005	49341.20347	0.592	0.005
49339.20825	0.321	0.005	49339.33322	0.218	0.005	49341.20347	0.590	0.005
49339.21499	0.350	0.005	49339.33543	0.215	0.005	49341.20543	0.587	0.005
49339.21692	0.357	0.005	49339.33759	0.207	0.005	49341.20543	0.589	0.005
49339.21971	0.378	0.005	49339.33981	0.196	0.005	49341.20796	0.566	0.005
49339.22173	0.374	0.005	49339.34287	0.185	0.005	49341.20986	0.556	0.005
49339.22366	0.384	0.005	49339.34499	0.180	0.005	49341.21176	0.541	0.005
49339.22554	0.400	0.005	49339.34891	0.173	0.005	49341.21369	0.538	0.005
49339.22757	0.410	0.005	49339.35125	0.157	0.005	49341.21552	0.536	0.005
49339.22953	0.419	0.005	49339.35340	0.161	0.005	49341.21748	0.520	0.005
49339.23232	0.439	0.005	49339.35552	0.147	0.005	49341.21941	0.513	0.005
49339.23431	0.439	0.005	49339.35767	0.135	0.005	49341.22130	0.506	0.005
49339.23684	0.449	0.005	49339.35991	0.141	0.005	49341.22324	0.484	0.005
49339.23897	0.454	0.005	49339.36203	0.128	0.005	49341.22610	0.468	0.005
49339.24123	0.464	0.005	49339.36483	0.122	0.005	49341.22806	0.457	0.005
49339.24331	0.461	0.005	49339.36867	0.117	0.005	49341.23004	0.446	0.005
49339.24624	0.473	0.005	49339.37346	0.104	0.005	49341.23199	0.438	0.005
49339.24833	0.454	0.005	49339.37618	0.103	0.005	49341.23410	0.419	0.005
49339.25045	0.464	0.005	49341.12961	0.560	0.005	49341.23608	0.410	0.005
49339.25256	0.467	0.005	49341.13159	0.572	0.005	49341.23810	0.395	0.005
49339.25479	0.473	0.005	49341.13465	0.578	0.005	49341.24013	0.392	0.005
49339.25681	0.467	0.005	49341.13717	0.609	0.005	49341.24277	0.376	0.005
49339.26008	0.483	0.005	49341.13892	0.615	0.005	49341.24698	0.353	0.005
49339.26225	0.465	0.005	49341.14075	0.617	0.005	49341.24986	0.339	0.005
49339.26538	0.467	0.005	49341.14278	0.640	0.005	49341.25191	0.319	0.005
49339.26745	0.466	0.005	49341.14469	0.644	0.005	49341.26161	0.276	0.005
49339.27066	0.471	0.005	49341.14837	0.657	0.005	49341.26370	0.269	0.005
49339.27301	0.466	0.005	49341.15015	0.663	0.005	49341.26582	0.255	0.005
49339.27889	0.461	0.005	49341.15262	0.673	0.005	49341.26793	0.242	0.005
49339.28272	0.459	0.005	49341.15448	0.679	0.005	49341.27095	0.246	0.005
49339.28494	0.443	0.005	49341.15632	0.673	0.005	49341.27340	0.224	0.005
49339.28729	0.427	0.005	49341.15838	0.678	0.005	49341.27566	0.211	0.005
49339.28957	0.419	0.005	49341.16117	0.681	0.005	49341.27773	0.209	0.005
49339.29309	0.407	0.005	49341.16314	0.685	0.005	49341.28193	0.200	0.005



Table 1: Continued.

HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$	HJD -2 400 000	$\Delta m$	$\sigma$
49341.28391	0.194	0.005	49557.37028	0.524	0.005	49610.27956	0.407	0.005
49341.28608	0.174	0.005	49557.37546	0.495	0.005	49610.28198	0.420	0.005
49341.28899	0.176	0.005	49557.38068	0.461	0.005	49610.28253	0.428	0.005
49341.29105	0.161	0.005	49557.38523	0.429	0.005	49610.28304	0.419	0.005
49341.29299	0.144	0.005	49557.39195	0.399	0.005	49610.30014	0.447	0.005
49341.29519	0.141	0.005	49557.39632	0.359	0.005	49610.30705	0.465	0.005
49341.29722	0.142	0.005	49557.40165	0.336	0.005	49610.31924	0.479	0.005
49341.29938	0.139	0.005	49557.40697	0.315	0.005	49610.32594	0.460	0.005
49341.30136	0.136	0.005	49557.41391	0.286	0.005	49610.32939	0.452	0.005
49341.30434	0.125	0.005	49557.41893	0.271	0.005	49610.33228	0.445	0.005
49341.30653	0.119	0.005	49610.17909	0.076	0.005	49610.33543	0.443	0.005
49341.30851	0.107	0.005	49610.17953	0.077	0.005	49610.35801	0.329	0.005
49341.31065	0.114	0.005	49610.18003	0.078	0.005	49610.36082	0.322	0.005
49341.31250	0.120	0.005	49610.18044	0.079	0.005	49610.36337	0.308	0.005
49341.31539	0.112	0.005	49610.18090	0.080	0.005	49610.36598	0.296	0.005
49341.31747	0.109	0.005	49610.18141	0.055	0.005	49610.36933	0.275	0.005
49341.31956	0.105	0.005	49610.18190	0.084	0.005	49610.37184	0.260	0.005
49341.32324	0.097	0.005	49610.18230	0.086	0.005	49610.37402	0.246	0.005
49341.32550	0.092	0.005	49610.18315	0.078	0.005	49610.37619	0.257	0.005
49341.32748	0.093	0.005	49610.18951	0.089	0.005	49610.37864	0.231	0.005
49341.33134	0.105	0.005	49610.19434	0.092	0.005	49610.38154	0.225	0.005
49341.33134	0.103	0.005	49610.19734	0.088	0.005	49610.38154	0.223	0.005
49341.34208	0.096	0.005	49610.20088	0.094	0.005	49610.38370	0.212	0.005
49341.34477	0.092	0.005	49610.20337	0.100	0.005	49610.38370	0.214	0.005
49557.24902	0.346	0.005	49610.20580	0.112	0.005	49610.38633	0.205	0.005
49557.25472	0.385	0.005	49610.20934	0.114	0.005	49610.38876	0.188	0.005
49557.25907	0.423	0.005	49610.21352	0.132	0.005	49610.39101	0.182	0.005
49557.26408	0.453	0.005	49610.21611	0.139	0.005	49610.39369	0.172	0.005
49557.26780	0.474	0.005	49610.21941	0.145	0.005	49610.39593	0.159	0.005
49557.27295	0.493	0.005	49610.22206	0.151	0.005	49610.39835	0.157	0.005
49557.27846	0.520	0.005	49610.22449	0.157	0.005	49610.40061	0.147	0.005
49557.28500	0.563	0.005	49610.22703	0.164	0.005	49610.40328	0.147	0.005
49557.28915	0.587	0.005	49610.23057	0.172	0.005	49610.40604	0.136	0.005
49557.29433	0.625	0.005	49610.23325	0.193	0.005	49610.40844	0.130	0.005
49557.29835	0.651	0.005	49610.23624	0.197	0.005	49610.41064	0.121	0.005
49557.30328	0.673	0.005	49610.23876	0.219	0.005	49610.41295	0.131	0.005
49557.30642	0.681	0.005	49610.24115	0.226	0.005	49610.41652	0.122	0.005
49557.31194	0.675	0.005	49610.24421	0.237	0.005	49634.20531	0.102	0.005
49557.31716	0.683	0.005	49610.24663	0.253	0.005	49634.20992	0.096	0.005
49557.32315	0.688	0.005	49610.25002	0.274	0.005	49634.44407	0.106	0.005
49557.32724	0.678	0.005	49610.25283	0.278	0.005	49634.44654	0.094	0.005
49557.33223	0.675	0.005	49610.25635	0.287	0.005	49634.44934	0.088	0.005
49557.33669	0.676	0.005	49610.25901	0.302	0.005	49634.45305	0.093	0.005
49557.34406	0.663	0.005	49610.26230	0.327	0.005	49634.45544	0.094	0.005
49557.35161	0.635	0.005	49610.26542	0.333	0.005	49634.45819	0.101	0.005
49557.35570	0.605	0.005	49610.27103	0.362	0.005	49770.36169	0.098	0.005
49557.36091	0.571	0.005	49610.27449	0.384	0.005	49770.36198	0.102	0.005
49557.36509	0.554	0.005	49610.27713	0.410	0.005	49770.36840	0.106	0.005

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
49770.36873	0.113	0.005	49773.37901	0.280	0.003	49773.44638	0.631	0.003
49771.13321	0.091	0.005	49773.37939	0.286	0.003	49773.44675	0.619	0.003
49771.17067	0.100	0.005	49773.37980	0.283	0.003	49773.44713	0.631	0.003
49771.21715	0.095	0.005	49773.38694	0.311	0.003	49773.45066	0.663	0.003
49771.24171	0.100	0.005	49773.38733	0.313	0.003	49773.45103	0.663	0.003
49771.27469	0.103	0.005	49773.38976	0.321	0.003	49773.45142	0.658	0.003
49771.30494	0.098	0.005	49773.39017	0.321	0.003	49773.45436	0.685	0.003
49772.17385	0.102	0.005	49773.39056	0.317	0.003	49773.45473	0.676	0.003
49772.21323	0.104	0.005	49773.39319	0.345	0.003	49773.45511	0.686	0.003
49772.25066	0.108	0.005	49773.39357	0.338	0.003	49773.45934	0.676	0.003
49772.28866	0.112	0.005	49773.39451	0.351	0.003	49773.45973	0.684	0.003
49772.33237	0.110	0.005	49773.39777	0.363	0.003	49773.46010	0.675	0.003
49772.39240	0.111	0.005	49773.39815	0.363	0.003	49773.46302	0.686	0.003
49772.45278	0.109	0.005	49773.39852	0.362	0.003	49773.46341	0.678	0.003
49773.15069	0.099	0.003	49773.40114	0.383	0.003	49773.46378	0.678	0.003
49773.15447	0.097	0.003	49773.40152	0.386	0.003	49773.46415	0.679	0.003
49773.15447	0.087	0.003	49773.40189	0.386	0.003	49773.46668	0.698	0.003
49773.27480	0.106	0.003	49773.40456	0.399	0.003	49773.46705	0.702	0.003
49773.27684	0.104	0.003	49773.40493	0.398	0.003	49773.46743	0.706	0.003
49773.27872	0.105	0.003	49773.40532	0.404	0.003	49773.46781	0.696	0.003
49773.31677	0.117	0.003	49773.40893	0.422	0.003	49773.47239	0.704	0.003
49773.31716	0.104	0.003	49773.40931	0.423	0.003	49773.47276	0.704	0.003
49773.32068	0.092	0.003	49773.40968	0.428	0.003	49773.47314	0.696	0.003
49773.32106	0.094	0.003	49773.41225	0.440	0.003	49773.47602	0.677	0.003
49773.32143	0.088	0.003	49773.41262	0.440	0.003	49773.47639	0.683	0.003
49773.32181	0.077	0.003	49773.41300	0.441	0.003	49773.47678	0.687	0.003
49773.32505	0.115	0.003	49773.41592	0.457	0.003	49773.47929	0.676	0.003
49773.32543	0.122	0.003	49773.41629	0.463	0.003	49773.47966	0.671	0.003
49773.32580	0.120	0.003	49773.41667	0.457	0.003	49773.48004	0.683	0.003
49773.35316	0.169	0.003	49773.42015	0.495	0.003	49773.48041	0.678	0.003
49773.35357	0.160	0.003	49773.42053	0.489	0.003	49773.48335	0.692	0.003
49773.35618	0.180	0.003	49773.42091	0.488	0.003	49773.48372	0.700	0.003
49773.35659	0.192	0.003	49773.42454	0.499	0.003	49773.48410	0.685	0.003
49773.35983	0.206	0.003	49773.42492	0.510	0.003	49773.48447	0.690	0.003
49773.36024	0.200	0.003	49773.42529	0.521	0.003	49773.48787	0.695	0.003
49773.36064	0.203	0.003	49773.42830	0.530	0.003	49773.48825	0.680	0.003
49773.36328	0.215	0.003	49773.42868	0.540	0.003	49773.48863	0.683	0.003
49773.36367	0.211	0.003	49773.42906	0.532	0.003	49773.49150	0.676	0.003
49773.36407	0.217	0.003	49773.42961	0.533	0.003	49773.49187	0.683	0.003
49773.36686	0.229	0.003	49773.43311	0.570	0.003	49773.49225	0.673	0.003
49773.36724	0.225	0.003	49773.43349	0.562	0.003	49773.49492	0.683	0.003
49773.36764	0.235	0.003	49773.43386	0.571	0.003	49773.49533	0.675	0.003
49773.37112	0.239	0.003	49773.43803	0.590	0.003	49773.49572	0.667	0.003
49773.37151	0.239	0.003	49773.43839	0.598	0.003	49773.49841	0.650	0.003
49773.37191	0.246	0.003	49773.43877	0.601	0.003	49773.49878	0.647	0.003
49773.37569	0.261	0.003	49773.44196	0.625	0.003	49773.49916	0.641	0.003
49773.37609	0.266	0.003	49773.44233	0.636	0.003	49773.50289	0.617	0.003
49773.37649	0.275	0.003	49773.44270	0.631	0.003	49773.50327	0.625	0.003

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
49773.50364	0.618	0.003	49778.41613	0.460	0.003	49778.50505	0.197	0.003
49773.50632	0.612	0.003	49778.41857	0.461	0.003	49778.50781	0.187	0.003
49773.50669	0.613	0.003	49778.41896	0.452	0.003	50063.34273	0.083	0.010
49773.50708	0.607	0.003	49778.42129	0.465	0.003	50063.34497	0.085	0.010
49773.51041	0.573	0.003	49778.42170	0.458	0.003	50063.34756	0.077	0.010
49773.51079	0.578	0.003	49778.42476	0.466	0.003	50063.34989	0.076	0.010
49773.51116	0.573	0.003	49778.42517	0.461	0.003	50063.35344	0.078	0.010
49778.33329	0.140	0.003	49778.42762	0.473	0.003	50064.19449	0.116	0.010
49778.33370	0.152	0.003	49778.42803	0.461	0.003	50064.21069	0.116	0.010
49778.33671	0.147	0.003	49778.42847	0.465	0.003	50064.21952	0.113	0.010
49778.33709	0.158	0.003	49778.43151	0.459	0.003	50064.22861	0.113	0.010
49778.33746	0.166	0.003	49778.43192	0.465	0.003	50066.16056	0.100	0.007
49778.33784	0.169	0.003	49778.43232	0.454	0.003	50066.17793	0.114	0.007
49778.34042	0.186	0.003	49778.43480	0.457	0.003	50066.19040	0.102	0.007
49778.34083	0.172	0.003	49778.43519	0.459	0.003	50066.20534	0.110	0.007
49778.34341	0.172	0.003	49778.43563	0.461	0.003	50423.34032	0.097	0.007
49778.34380	0.172	0.003	49778.44293	0.464	0.003	50423.34304	0.110	0.007
49778.34675	0.187	0.003	49778.44333	0.464	0.003	50423.34740	0.120	0.007
49778.34715	0.197	0.003	49778.44563	0.457	0.003	50423.35225	0.143	0.007
49778.35722	0.242	0.003	49778.44608	0.448	0.003	50423.35694	0.154	0.007
49778.35761	0.250	0.003	49778.44856	0.444	0.003	50423.36028	0.154	0.007
49778.36007	0.252	0.003	49778.44895	0.443	0.003	50423.36485	0.175	0.007
49778.36047	0.249	0.003	49778.45656	0.407	0.003	50423.36785	0.190	0.007
49778.36813	0.285	0.003	49778.45695	0.408	0.003	50423.37078	0.200	0.007
49778.36852	0.282	0.003	49778.45958	0.390	0.003	50423.37357	0.205	0.007
49778.37099	0.298	0.003	49778.45997	0.393	0.003	50423.37757	0.234	0.007
49778.37140	0.293	0.003	49778.46234	0.389	0.003	50423.38088	0.226	0.007
49778.37378	0.305	0.003	49778.46274	0.397	0.003	50423.38373	0.250	0.007
49778.37417	0.304	0.003	49778.46661	0.375	0.003	50423.38692	0.264	0.007
49778.37667	0.322	0.003	49778.46701	0.372	0.003	50423.39103	0.292	0.007
49778.37707	0.319	0.003	49778.47031	0.354	0.003	50423.39435	0.290	0.007
49778.38416	0.357	0.003	49778.47031	0.353	0.003	50423.39773	0.324	0.007
49778.38455	0.357	0.003	49778.47070	0.350	0.003	50423.40117	0.326	0.007
49778.38694	0.364	0.003	49778.47070	0.349	0.003	50423.40573	0.360	0.007
49778.38735	0.367	0.003	49778.47501	0.325	0.003	50423.40899	0.367	0.007
49778.38777	0.370	0.003	49778.47540	0.321	0.003	50423.41199	0.379	0.007
49778.39072	0.387	0.003	49778.48246	0.273	0.003	50423.41454	0.395	0.007
49778.39113	0.391	0.003	49778.48285	0.279	0.003	50423.41770	0.410	0.007
49778.39770	0.420	0.003	49778.48675	0.265	0.003	50423.42072	0.424	0.007
49778.39810	0.425	0.003	49778.48716	0.270	0.003	50423.42322	0.428	0.007
49778.40163	0.437	0.003	49778.49041	0.268	0.003	50423.42574	0.443	0.007
49778.40204	0.439	0.003	49778.49082	0.256	0.003	50423.42830	0.454	0.007
49778.40803	0.459	0.003	49778.49124	0.245	0.003	50423.43087	0.470	0.007
49778.40841	0.459	0.003	49778.49366	0.249	0.003	50423.43442	0.478	0.007
49778.41102	0.458	0.003	49778.49406	0.245	0.003	50423.43802	0.474	0.007
49778.41141	0.465	0.003	49778.50111	0.212	0.003	50423.44095	0.473	0.007
49778.41178	0.456	0.003	49778.50151	0.200	0.003	50423.44348	0.466	0.007
49778.41574	0.463	0.003	49778.50465	0.203	0.003	50423.44626	0.459	0.007

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
50423.44938	0.463	0.007	50425.34156	0.679	0.007	50425.47479	0.172	0.007
50423.45182	0.471	0.007	50425.34341	0.684	0.007	50425.47701	0.167	0.007
50423.45489	0.465	0.007	50425.34551	0.675	0.007	50425.48661	0.152	0.007
50423.45745	0.469	0.007	50425.34765	0.674	0.007	50425.48970	0.146	0.007
50423.46006	0.467	0.007	50425.35058	0.680	0.007	50425.49200	0.121	0.007
50423.46331	0.468	0.007	50425.35563	0.695	0.007	50425.49444	0.124	0.007
50423.46589	0.466	0.007	50425.35823	0.686	0.007	50425.49673	0.113	0.007
50423.46941	0.468	0.007	50425.36066	0.679	0.007	50429.37487	0.097	0.010
50423.47253	0.457	0.007	50425.36313	0.685	0.007	52538.24198	0.103	0.007
50423.47639	0.442	0.007	50425.36499	0.692	0.007	52538.26719	0.096	0.007
50423.47925	0.430	0.007	50425.36721	0.667	0.007	52538.28601	0.096	0.007
50423.48202	0.408	0.007	50425.36896	0.688	0.007	52538.30791	0.099	0.007
50423.48468	0.406	0.007	50425.37112	0.673	0.007	52538.32759	0.090	0.007
50423.48764	0.384	0.007	50425.37379	0.670	0.007	52538.34500	0.086	0.007
50423.49150	0.369	0.007	50425.37808	0.654	0.007	52538.36697	0.103	0.007
50423.49456	0.367	0.007	50425.38265	0.646	0.007	52538.42429	0.108	0.007
50423.49722	0.347	0.007	50425.38575	0.623	0.007	52538.45231	0.098	0.007
50423.50099	0.312	0.007	50425.39120	0.608	0.007	52542.10326	0.123	0.005
50423.50403	0.315	0.007	50425.39355	0.591	0.007	52542.12329	0.128	0.005
50423.50659	0.297	0.007	50425.39577	0.572	0.007	52542.12839	0.169	0.005
50423.50974	0.287	0.007	50425.39835	0.555	0.007	52542.13556	0.175	0.005
50423.51270	0.257	0.007	50425.40150	0.526	0.007	52542.14090	0.194	0.005
50423.51580	0.252	0.007	50425.40943	0.495	0.007	52542.14623	0.207	0.005
50423.51826	0.254	0.007	50425.41178	0.465	0.007	52542.15193	0.225	0.005
50423.52155	0.227	0.007	50425.41811	0.426	0.007	52542.15879	0.263	0.005
50423.52449	0.217	0.007	50425.42047	0.407	0.007	52542.16947	0.313	0.005
50423.52704	0.209	0.007	50425.42285	0.409	0.007	52542.17184	0.319	0.005
50423.53022	0.201	0.007	50425.42575	0.384	0.007	52542.17549	0.340	0.005
50423.53351	0.194	0.007	50425.42832	0.383	0.007	52542.18043	0.352	0.005
50423.53622	0.174	0.007	50425.43047	0.372	0.007	52542.18465	0.381	0.005
50423.53642	0.180	0.007	50425.43306	0.346	0.007	52542.18724	0.384	0.005
50425.29278	0.423	0.007	50425.43522	0.336	0.007	52542.19106	0.406	0.005
50425.29606	0.449	0.007	50425.43732	0.334	0.007	52542.19690	0.443	0.005
50425.29868	0.448	0.007	50425.43964	0.335	0.007	52542.20055	0.464	0.005
50425.30076	0.457	0.007	50425.44185	0.299	0.007	52542.20306	0.497	0.005
50425.30273	0.469	0.007	50425.44390	0.298	0.007	52542.20648	0.497	0.005
50425.30502	0.487	0.007	50425.44614	0.289	0.007	52542.21181	0.543	0.005
50425.31150	0.535	0.007	50425.44835	0.283	0.007	52542.21582	0.537	0.005
50425.31379	0.539	0.007	50425.45091	0.270	0.007	52542.22017	0.570	0.005
50425.31670	0.559	0.007	50425.45337	0.259	0.007	52542.22352	0.593	0.005
50425.31926	0.575	0.007	50425.45612	0.236	0.007	52542.22751	0.607	0.005
50425.32165	0.575	0.007	50425.45841	0.242	0.007	52542.23284	0.668	0.005
50425.32378	0.609	0.007	50425.46081	0.224	0.007	52542.23616	0.677	0.005
50425.32647	0.624	0.007	50425.46331	0.221	0.007	52542.23883	0.684	0.005
50425.32838	0.629	0.007	50425.46573	0.219	0.007	52542.24680	0.691	0.005
50425.33351	0.660	0.007	50425.46840	0.187	0.007	52542.24961	0.694	0.005
50425.33602	0.655	0.007	50425.47032	0.198	0.007	52542.27848	0.683	0.005
50425.33903	0.679	0.007	50425.47267	0.194	0.007	52542.28130	0.665	0.005

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
52542.29259	0.610	0.005	52543.35808	0.121	0.015	52547.18178	0.405	0.006
52542.29556	0.590	0.005	52543.38961	0.114	0.015	52547.18434	0.405	0.006
52542.29811	0.583	0.005	52543.41807	0.113	0.015	52547.18705	0.423	0.006
52542.30157	0.549	0.005	52543.44572	0.102	0.015	52547.18947	0.424	0.006
52542.30452	0.544	0.005	52545.16883	0.108	0.006	52547.19201	0.446	0.006
52542.31070	0.503	0.005	52545.21971	0.109	0.006	52547.19410	0.449	0.006
52542.31466	0.458	0.005	52545.25831	0.111	0.006	52547.19609	0.467	0.006
52542.31852	0.441	0.005	52545.29294	0.110	0.006	52547.19904	0.471	0.006
52542.32089	0.437	0.005	52545.31982	0.111	0.006	52547.20139	0.472	0.006
52542.32582	0.415	0.005	52545.34181	0.111	0.006	52547.20569	0.489	0.006
52542.33107	0.389	0.005	52545.36414	0.108	0.006	52547.20838	0.468	0.006
52542.33444	0.358	0.005	52545.39101	0.107	0.006	52547.21079	0.469	0.006
52542.33685	0.352	0.005	52545.41082	0.106	0.006	52547.21311	0.473	0.006
52542.34715	0.331	0.005	52545.43231	0.111	0.006	52547.21714	0.469	0.006
52542.35200	0.252	0.005	52545.45268	0.110	0.006	52547.21949	0.459	0.006
52542.35437	0.259	0.005	52546.37899	0.103	0.006	52547.22171	0.471	0.006
52542.36493	0.210	0.005	52546.40476	0.091	0.006	52547.22615	0.476	0.006
52542.36732	0.216	0.005	52546.42733	0.093	0.006	52547.22885	0.473	0.006
52542.36973	0.222	0.005	52546.45088	0.090	0.006	52547.23120	0.471	0.006
52542.37284	0.204	0.005	52547.09875	0.100	0.006	52547.23310	0.479	0.006
52542.37859	0.177	0.005	52547.10253	0.132	0.006	52547.23602	0.471	0.006
52542.38247	0.154	0.005	52547.10485	0.121	0.006	52547.23819	0.468	0.006
52542.38585	0.146	0.005	52547.10528	0.115	0.006	52547.24066	0.460	0.006
52542.39101	0.135	0.005	52547.10838	0.126	0.006	52547.24347	0.443	0.006
52542.39440	0.145	0.005	52547.11094	0.132	0.006	52547.24640	0.425	0.006
52542.39695	0.121	0.005	52547.11359	0.120	0.006	52547.24926	0.417	0.006
52542.40212	0.133	0.005	52547.11743	0.137	0.006	52547.25388	0.386	0.006
52542.40474	0.131	0.005	52547.12023	0.148	0.006	52547.25590	0.380	0.006
52542.40797	0.124	0.005	52547.12480	0.162	0.006	52547.25861	0.372	0.006
52542.41297	0.134	0.005	52547.12719	0.166	0.006	52547.26068	0.358	0.006
52542.41521	0.115	0.005	52547.12903	0.180	0.006	52547.26353	0.350	0.006
52542.42003	0.118	0.005	52547.13086	0.182	0.006	52547.26555	0.330	0.006
52542.42320	0.101	0.005	52547.13602	0.184	0.006	52547.26748	0.322	0.006
52542.42557	0.097	0.005	52547.13818	0.185	0.006	52547.27108	0.311	0.006
52542.43682	0.106	0.005	52547.14036	0.213	0.006	52547.27368	0.297	0.006
52542.43805	0.099	0.005	52547.14310	0.221	0.006	52547.27547	0.288	0.006
52542.44070	0.114	0.005	52547.14677	0.233	0.006	52547.27718	0.276	0.006
52542.44374	0.117	0.005	52547.14906	0.240	0.006	52547.28057	0.267	0.006
52542.44887	0.107	0.005	52547.15293	0.253	0.006	52547.28302	0.251	0.006
52542.45155	0.093	0.005	52547.15495	0.271	0.006	52547.28469	0.250	0.006
52542.45665	0.102	0.005	52547.15729	0.298	0.006	52547.28660	0.249	0.006
52542.46050	0.108	0.005	52547.16038	0.308	0.006	52547.28902	0.224	0.006
52542.46223	0.104	0.005	52547.16295	0.304	0.006	52547.29246	0.210	0.006
52542.46348	0.089	0.005	52547.16712	0.337	0.006	52547.29479	0.210	0.006
52542.46861	0.113	0.005	52547.17007	0.344	0.006	52547.29706	0.205	0.006
52542.47180	0.118	0.005	52547.17193	0.355	0.006	52547.29898	0.192	0.006
52543.30311	0.131	0.015	52547.17456	0.355	0.006	52547.30134	0.186	0.006
52543.33439	0.118	0.015	52547.17888	0.385	0.006	52547.30359	0.176	0.006

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
52547.30785	0.157	0.006	52547.41352	0.096	0.006	53260.34723	0.116	0.005
52547.30944	0.160	0.006	52547.41509	0.098	0.006	53260.36654	0.113	0.005
52547.31118	0.147	0.006	52547.41664	0.095	0.006	53260.38393	0.120	0.005
52547.31292	0.146	0.006	52547.41956	0.093	0.006	53260.40817	0.120	0.005
52547.31537	0.135	0.006	52547.41978	0.094	0.006	53260.42723	0.120	0.005
52547.31713	0.130	0.006	52547.42179	0.091	0.006	53265.22601	0.095	0.010
52547.32060	0.122	0.006	52547.42338	0.089	0.006	53266.42256	0.103	0.010
52547.32221	0.119	0.006	52547.42648	0.089	0.006	53271.31998	0.126	0.006
52547.32386	0.117	0.006	52547.42796	0.088	0.006	53271.33019	0.126	0.006
52547.32601	0.113	0.006	52547.42948	0.091	0.006	53271.34107	0.122	0.006
52547.32794	0.117	0.006	52547.43274	0.094	0.006	53272.21883	0.118	0.007
52547.33132	0.101	0.006	52547.43440	0.087	0.006	53272.27437	0.115	0.007
52547.33338	0.097	0.006	52547.43743	0.094	0.006	53272.30275	0.122	0.007
52547.33515	0.110	0.006	52547.43987	0.090	0.006	53273.22803	0.096	0.005
52547.33668	0.100	0.006	52547.44167	0.094	0.006	53273.24127	0.097	0.005
52547.34022	0.093	0.006	52547.44695	0.091	0.006	53273.25377	0.101	0.005
52547.34247	0.096	0.006	52547.44740	0.094	0.006	53273.26553	0.097	0.005
52547.34407	0.092	0.006	52547.45122	0.095	0.006	57757.24032	0.298	0.006
52547.34733	0.091	0.006	52547.45297	0.084	0.006	57757.24104	0.312	0.006
52547.34889	0.091	0.006	52547.45690	0.084	0.006	57757.24177	0.300	0.006
52547.35046	0.094	0.006	52547.45854	0.085	0.006	57757.24250	0.305	0.006
52547.35046	0.093	0.006	52547.46184	0.093	0.006	57757.24323	0.317	0.006
52547.35403	0.088	0.006	52568.26507	0.083	0.006	57757.24396	0.317	0.006
52547.35571	0.106	0.006	52568.26507	0.083	0.006	57757.24469	0.315	0.006
52547.35891	0.087	0.006	52770.36504	0.085	0.006	57757.24542	0.324	0.006
52547.36120	0.092	0.006	52771.33696	0.092	0.006	57757.24615	0.320	0.006
52547.36282	0.096	0.006	52771.36931	0.097	0.006	57757.24688	0.329	0.006
52547.36600	0.094	0.006	52772.29073	0.097	0.010	57757.24760	0.335	0.006
52547.36777	0.098	0.006	52773.41703	0.113	0.010	57757.24833	0.340	0.006
52547.36946	0.093	0.006	52775.28427	0.098	0.010	57757.24906	0.342	0.006
52547.37264	0.086	0.006	52778.29770	0.093	0.005	57757.24978	0.347	0.006
52547.37375	0.093	0.006	52790.30134	0.093	0.010	57757.25051	0.348	0.006
52547.37471	0.091	0.006	52795.32238	0.110	0.010	57757.25124	0.350	0.006
52547.37624	0.097	0.006	52799.31911	0.098	0.007	57757.25196	0.354	0.006
52547.37977	0.091	0.006	52800.30355	0.084	0.007	57757.25269	0.364	0.006
52547.38169	0.091	0.006	52801.31914	0.101	0.007	57757.25341	0.357	0.006
52547.38511	0.092	0.006	52804.31294	0.101	0.007	57757.25414	0.367	0.006
52547.38674	0.100	0.006	53239.31580	0.114	0.010	57757.25487	0.365	0.006
52547.38986	0.090	0.006	53241.26094	0.102	0.010	57757.25559	0.369	0.006
52547.39233	0.093	0.006	53242.34074	0.106	0.010	57757.25632	0.376	0.006
52547.39392	0.093	0.006	53246.23271	0.106	0.010	57757.25705	0.383	0.006
52547.39707	0.092	0.006	53250.25162	0.111	0.006	57757.25778	0.380	0.006
52547.39927	0.092	0.006	53250.27515	0.106	0.006	57757.25851	0.385	0.006
52547.40102	0.097	0.006	53250.30840	0.106	0.006	57757.25996	0.389	0.006
52547.40331	0.086	0.006	53250.34925	0.106	0.006	57757.26142	0.398	0.006
52547.40642	0.093	0.006	53252.31496	0.109	0.010	57757.26215	0.401	0.006
52547.40906	0.093	0.006	53253.32768	0.071	0.006	57757.26288	0.393	0.006
52547.41053	0.092	0.006	53253.36433	0.077	0.006	57757.26361	0.413	0.006

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
57757.26433	0.418	0.006	57757.30565	0.659	0.006	57757.34203	0.677	0.006
57757.26506	0.420	0.006	57757.30638	0.668	0.006	57757.34276	0.681	0.006
57757.26579	0.425	0.006	57757.30711	0.669	0.006	57757.34348	0.673	0.006
57757.26652	0.426	0.006	57757.30783	0.668	0.006	57757.34421	0.677	0.006
57757.26725	0.435	0.006	57757.30856	0.666	0.006	57757.34494	0.675	0.006
57757.26798	0.436	0.006	57757.30929	0.664	0.006	57757.34567	0.672	0.006
57757.26870	0.441	0.006	57757.31002	0.666	0.006	57757.34640	0.668	0.006
57757.26943	0.450	0.006	57757.31074	0.668	0.006	57757.34712	0.671	0.006
57757.27016	0.450	0.006	57757.31147	0.666	0.006	57757.34785	0.670	0.006
57757.27088	0.452	0.006	57757.31220	0.673	0.006	57757.34858	0.669	0.006
57757.27161	0.459	0.006	57757.31293	0.672	0.006	57757.34930	0.662	0.006
57757.27234	0.461	0.006	57757.31366	0.677	0.006	57757.35003	0.663	0.006
57757.27307	0.469	0.006	57757.31438	0.676	0.006	57757.35076	0.656	0.006
57757.27379	0.475	0.006	57757.31511	0.678	0.006	57757.35149	0.657	0.006
57757.27452	0.473	0.006	57757.31584	0.675	0.006	57757.35222	0.652	0.006
57757.27525	0.485	0.006	57757.31657	0.676	0.006	57757.35294	0.650	0.006
57757.27598	0.483	0.006	57757.31803	0.672	0.006	57757.35367	0.641	0.006
57757.27670	0.487	0.006	57757.31875	0.685	0.006	57757.35439	0.639	0.006
57757.27743	0.491	0.006	57757.31948	0.677	0.006	57757.35512	0.634	0.006
57757.27816	0.500	0.006	57757.32021	0.680	0.006	57757.35585	0.629	0.006
57757.27888	0.507	0.006	57757.32094	0.685	0.006	57757.35658	0.627	0.006
57757.28106	0.519	0.006	57757.32166	0.680	0.006	57757.35731	0.625	0.006
57757.28179	0.519	0.006	57757.32239	0.680	0.006	57757.35804	0.619	0.006
57757.28252	0.529	0.006	57757.32312	0.687	0.006	57757.35876	0.613	0.006
57757.28324	0.527	0.006	57757.32457	0.684	0.006	57757.35949	0.610	0.006
57757.28397	0.535	0.006	57757.32530	0.690	0.006	57757.36022	0.606	0.006
57757.28470	0.540	0.006	57757.32603	0.680	0.006	57757.36094	0.604	0.006
57757.28543	0.543	0.006	57757.32675	0.677	0.006	57757.36167	0.598	0.006
57757.28615	0.547	0.006	57757.32748	0.684	0.006	57757.36240	0.596	0.006
57757.29051	0.577	0.006	57757.32821	0.680	0.006	57757.36313	0.591	0.006
57757.29124	0.575	0.006	57757.32893	0.691	0.006	57757.36385	0.591	0.006
57757.29197	0.584	0.006	57757.32966	0.684	0.006	57757.36458	0.580	0.006
57757.29270	0.588	0.006	57757.33039	0.685	0.006	57757.36531	0.581	0.006
57757.29342	0.592	0.006	57757.33112	0.681	0.006	57757.36604	0.575	0.006
57757.29415	0.597	0.006	57757.33184	0.683	0.006	57757.36677	0.572	0.006
57757.29488	0.598	0.006	57757.33257	0.684	0.006	57757.36749	0.564	0.006
57757.29560	0.603	0.006	57757.33330	0.683	0.006	57757.36822	0.560	0.006
57757.29633	0.602	0.006	57757.33403	0.680	0.006	57757.36895	0.555	0.006
57757.29706	0.614	0.006	57757.33476	0.680	0.006	57757.36968	0.557	0.006
57757.29778	0.610	0.006	57757.33548	0.689	0.006	57757.37041	0.546	0.006
57757.29851	0.614	0.006	57757.33621	0.682	0.006	57757.37113	0.544	0.006
57757.29924	0.619	0.006	57757.33694	0.682	0.006	57757.37186	0.545	0.006
57757.30129	0.639	0.006	57757.33766	0.682	0.006	57757.37259	0.535	0.006
57757.30202	0.641	0.006	57757.33839	0.686	0.006	57757.37332	0.533	0.006
57757.30274	0.646	0.006	57757.33912	0.685	0.006	57757.37404	0.525	0.006
57757.30347	0.650	0.006	57757.33985	0.681	0.006	57757.37477	0.521	0.006
57757.30420	0.647	0.006	57757.34057	0.681	0.006	57757.37550	0.519	0.006
57757.30492	0.654	0.006	57757.34130	0.677	0.006	57757.37623	0.511	0.006

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
57757.37695	0.506	0.006	57757.41334	0.316	0.006	57762.33403	0.377	0.005
57757.37768	0.504	0.006	57757.41407	0.306	0.006	57762.33470	0.380	0.005
57757.37841	0.503	0.006	57757.41480	0.304	0.006	57762.33536	0.371	0.005
57757.37914	0.496	0.006	57757.41552	0.302	0.006	57762.33603	0.366	0.005
57757.37987	0.495	0.006	57757.41625	0.298	0.006	57762.33670	0.360	0.005
57757.38132	0.479	0.006	57757.41698	0.295	0.006	57762.33736	0.363	0.005
57757.38205	0.479	0.006	57757.41771	0.290	0.006	57762.33803	0.359	0.005
57757.38278	0.478	0.006	57757.41843	0.288	0.006	57762.33870	0.355	0.005
57757.38351	0.470	0.006	57757.41916	0.282	0.006	57762.33937	0.349	0.005
57757.38424	0.470	0.006	57757.41989	0.278	0.006	57762.34004	0.349	0.005
57757.38496	0.459	0.006	57757.42062	0.279	0.006	57762.34071	0.349	0.005
57757.38569	0.458	0.006	57757.42207	0.275	0.006	57762.34137	0.344	0.005
57757.38642	0.454	0.006	57757.42280	0.268	0.006	57762.34204	0.340	0.005
57757.38715	0.450	0.006	57757.42426	0.262	0.006	57762.34271	0.332	0.005
57757.38788	0.447	0.006	57757.42498	0.263	0.006	57762.34338	0.328	0.005
57757.38860	0.439	0.006	57757.42571	0.257	0.006	57762.34404	0.326	0.005
57757.38933	0.439	0.006	57757.42644	0.249	0.006	57762.34471	0.326	0.005
57757.39006	0.430	0.006	57762.31334	0.456	0.005	57762.34538	0.323	0.005
57757.39078	0.426	0.006	57762.31400	0.460	0.005	57762.34605	0.325	0.005
57757.39151	0.431	0.006	57762.31467	0.459	0.005	57762.34671	0.319	0.005
57757.39224	0.421	0.006	57762.31534	0.453	0.005	57762.34738	0.320	0.005
57757.39297	0.418	0.006	57762.31600	0.449	0.005	57762.34805	0.315	0.005
57757.39369	0.416	0.006	57762.31667	0.426	0.005	57762.34872	0.306	0.005
57757.39442	0.413	0.006	57762.31734	0.444	0.005	57762.34938	0.305	0.005
57757.39515	0.409	0.006	57762.31801	0.433	0.005	57762.35005	0.305	0.005
57757.39588	0.399	0.006	57762.31867	0.426	0.005	57762.35072	0.303	0.005
57757.39660	0.398	0.006	57762.31934	0.436	0.005	57762.35139	0.298	0.005
57757.39734	0.394	0.006	57762.32001	0.435	0.005	57762.35205	0.292	0.005
57757.39879	0.389	0.006	57762.32067	0.414	0.005	57762.35272	0.290	0.005
57757.39951	0.380	0.006	57762.32134	0.435	0.005	57762.35339	0.283	0.005
57757.40024	0.374	0.006	57762.32201	0.424	0.005	57762.35406	0.282	0.005
57757.40097	0.372	0.006	57762.32268	0.422	0.005	57762.35473	0.274	0.005
57757.40170	0.369	0.006	57762.32335	0.425	0.005	57762.35540	0.275	0.005
57757.40242	0.362	0.006	57762.32401	0.422	0.005	57762.35607	0.270	0.005
57757.40242	0.362	0.006	57762.32468	0.416	0.005	57762.35673	0.268	0.005
57757.40315	0.358	0.006	57762.32535	0.396	0.005	57762.35740	0.265	0.005
57757.40388	0.361	0.006	57762.32602	0.406	0.005	57762.35807	0.255	0.005
57757.40461	0.354	0.006	57762.32668	0.408	0.005	57762.35874	0.259	0.005
57757.40533	0.350	0.006	57762.32735	0.407	0.005	57762.35940	0.254	0.005
57757.40606	0.346	0.006	57762.32802	0.403	0.005	57762.36007	0.238	0.005
57757.40679	0.342	0.006	57762.32869	0.403	0.005	57762.36074	0.251	0.005
57757.40752	0.340	0.006	57762.32935	0.399	0.005	57762.36141	0.243	0.005
57757.40825	0.341	0.006	57762.33002	0.397	0.005	57762.36207	0.236	0.005
57757.40898	0.335	0.006	57762.33069	0.397	0.005	57762.36274	0.239	0.005
57757.41043	0.326	0.006	57762.33136	0.397	0.005	57762.36341	0.245	0.005
57757.41115	0.319	0.006	57762.33203	0.390	0.005	57762.36408	0.238	0.005
57757.41188	0.327	0.006	57762.33269	0.391	0.005	57762.36475	0.235	0.005
57757.41261	0.318	0.006	57762.33336	0.380	0.005	57762.36542	0.232	0.005



Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
57762.36609	0.226	0.005	57762.39816	0.124	0.005	57762.42956	0.098	0.005
57762.36676	0.227	0.005	57762.39883	0.119	0.005	57762.43022	0.100	0.005
57762.36743	0.223	0.005	57762.39950	0.117	0.005	57762.43089	0.104	0.005
57762.36810	0.218	0.005	57762.40017	0.125	0.005	57762.43123	0.099	0.005
57762.36876	0.216	0.005	57762.40083	0.115	0.005	57762.43156	0.101	0.005
57762.36943	0.217	0.005	57762.40150	0.118	0.005	57762.43223	0.100	0.005
57762.37010	0.215	0.005	57762.40217	0.112	0.005	57762.43290	0.101	0.005
57762.37077	0.213	0.005	57762.40284	0.113	0.005	57762.43356	0.103	0.005
57762.37144	0.208	0.005	57762.40351	0.107	0.005	57762.43423	0.101	0.005
57762.37210	0.204	0.005	57762.40417	0.109	0.005	57762.43490	0.098	0.005
57762.37277	0.206	0.005	57762.40484	0.105	0.005	57762.43557	0.101	0.005
57762.37344	0.199	0.005	57762.40551	0.105	0.005	57762.43624	0.099	0.005
57762.37411	0.194	0.005	57762.40618	0.106	0.005	57762.43690	0.097	0.005
57762.37478	0.189	0.005	57762.40685	0.108	0.005	57762.43757	0.098	0.005
57762.37544	0.190	0.005	57762.40685	0.106	0.005	57762.43824	0.100	0.005
57762.37611	0.189	0.005	57762.40751	0.106	0.005	57762.43891	0.095	0.005
57762.37678	0.191	0.005	57762.40818	0.107	0.005	57762.43891	0.098	0.005
57762.37745	0.188	0.005	57762.40885	0.105	0.005	57762.43958	0.096	0.005
57762.37812	0.182	0.005	57762.40952	0.107	0.005	57762.44025	0.097	0.005
57762.37878	0.180	0.005	57762.41019	0.105	0.005	57762.44091	0.098	0.005
57762.37945	0.179	0.005	57762.41085	0.102	0.005	57762.44158	0.100	0.005
57762.38012	0.183	0.005	57762.41152	0.095	0.005	57762.44225	0.100	0.005
57762.38079	0.171	0.005	57762.41219	0.103	0.005	57762.44292	0.098	0.005
57762.38146	0.167	0.005	57762.41285	0.102	0.005	57762.44359	0.100	0.005
57762.38212	0.174	0.005	57762.41352	0.094	0.005	57762.44425	0.100	0.005
57762.38279	0.166	0.005	57762.41419	0.099	0.005	57762.44492	0.095	0.005
57762.38346	0.161	0.005	57762.41419	0.099	0.005	57762.44559	0.100	0.005
57762.38413	0.164	0.005	57762.41486	0.099	0.005	57762.44574	0.098	0.005
57762.38480	0.161	0.005	57762.41553	0.096	0.005	57762.44626	0.096	0.005
57762.38546	0.160	0.005	57762.41619	0.103	0.005	57762.44693	0.095	0.005
57762.38613	0.152	0.005	57762.41686	0.101	0.005	57762.44826	0.100	0.005
57762.38680	0.155	0.005	57762.41753	0.100	0.005	57762.44893	0.098	0.005
57762.38747	0.154	0.005	57762.41820	0.098	0.005	57769.10330	0.278	0.005
57762.38814	0.148	0.005	57762.41887	0.095	0.005	57769.10391	0.272	0.005
57762.38881	0.149	0.005	57762.41953	0.097	0.005	57769.10451	0.276	0.005
57762.38947	0.144	0.005	57762.42020	0.096	0.005	57769.10571	0.293	0.005
57762.39014	0.146	0.005	57762.42087	0.096	0.005	57769.10631	0.296	0.005
57762.39081	0.139	0.005	57762.42154	0.098	0.005	57769.10752	0.297	0.005
57762.39148	0.143	0.005	57762.42204	0.098	0.005	57769.11053	0.303	0.005
57762.39215	0.135	0.005	57762.42220	0.097	0.005	57769.11113	0.315	0.005
57762.39281	0.136	0.005	57762.42287	0.100	0.005	57769.11173	0.322	0.005
57762.39348	0.138	0.005	57762.42354	0.096	0.005	57769.11233	0.329	0.005
57762.39415	0.130	0.005	57762.42488	0.099	0.005	57769.11293	0.313	0.005
57762.39482	0.133	0.005	57762.42555	0.097	0.005	57769.11354	0.331	0.005
57762.39549	0.126	0.005	57762.42621	0.102	0.005	57769.11474	0.324	0.005
57762.39616	0.127	0.005	57762.42755	0.093	0.005	57769.11534	0.321	0.005
57762.39682	0.121	0.005	57762.42822	0.099	0.005	57769.11595	0.338	0.005
57762.39749	0.125	0.005	57762.42889	0.094	0.005	57769.11655	0.353	0.005

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
57769.11715	0.349	0.005	57769.14848	0.458	0.005	57769.17739	0.451	0.005
57769.11776	0.337	0.005	57769.14909	0.456	0.005	57769.17799	0.451	0.005
57769.11836	0.355	0.005	57769.14969	0.452	0.005	57769.17859	0.448	0.005
57769.11896	0.359	0.005	57769.15029	0.449	0.005	57769.17920	0.446	0.005
57769.11956	0.362	0.005	57769.15089	0.462	0.005	57769.17980	0.449	0.005
57769.12017	0.365	0.005	57769.15149	0.451	0.005	57769.18040	0.444	0.005
57769.12077	0.376	0.005	57769.15210	0.459	0.005	57769.18100	0.444	0.005
57769.12137	0.366	0.005	57769.15270	0.464	0.005	57769.18160	0.441	0.005
57769.12198	0.379	0.005	57769.15330	0.459	0.005	57769.18220	0.445	0.005
57769.12258	0.395	0.005	57769.15390	0.456	0.005	57769.18281	0.434	0.005
57769.12318	0.400	0.005	57769.15450	0.458	0.005	57769.18341	0.434	0.005
57769.12378	0.394	0.005	57769.15510	0.465	0.005	57769.18401	0.429	0.005
57769.12439	0.398	0.005	57769.15571	0.451	0.005	57769.18461	0.433	0.005
57769.12499	0.398	0.005	57769.15631	0.455	0.005	57769.18521	0.427	0.005
57769.12559	0.402	0.005	57769.15691	0.462	0.005	57769.18582	0.423	0.005
57769.12619	0.383	0.005	57769.15751	0.457	0.005	57769.18642	0.418	0.005
57769.12679	0.401	0.005	57769.15812	0.469	0.005	57769.18702	0.412	0.005
57769.12740	0.409	0.005	57769.15872	0.469	0.005	57769.18762	0.417	0.005
57769.12800	0.389	0.005	57769.15932	0.470	0.005	57769.18822	0.414	0.005
57769.12860	0.401	0.005	57769.15992	0.466	0.005	57769.18882	0.416	0.005
57769.12920	0.405	0.005	57769.16053	0.459	0.005	57769.18943	0.414	0.005
57769.12981	0.416	0.005	57769.16113	0.468	0.005	57769.19003	0.404	0.005
57769.13041	0.416	0.005	57769.16173	0.466	0.005	57769.19063	0.396	0.005
57769.13101	0.419	0.005	57769.16233	0.463	0.005	57769.19123	0.405	0.005
57769.13161	0.418	0.005	57769.16294	0.460	0.005	57769.19184	0.399	0.005
57769.13222	0.426	0.005	57769.16354	0.461	0.005	57769.19244	0.398	0.005
57769.13342	0.420	0.005	57769.16414	0.461	0.005	57769.19304	0.402	0.005
57769.13403	0.418	0.005	57769.16474	0.459	0.005	57769.19364	0.394	0.005
57769.13463	0.422	0.005	57769.16534	0.462	0.005	57769.19425	0.396	0.005
57769.13524	0.440	0.005	57769.16594	0.464	0.005	57769.19485	0.388	0.005
57769.13584	0.441	0.005	57769.16655	0.458	0.005	57769.19545	0.385	0.005
57769.13704	0.441	0.005	57769.16715	0.453	0.005	57769.19605	0.386	0.005
57769.13765	0.442	0.005	57769.16775	0.462	0.005	57769.19665	0.381	0.005
57769.13885	0.445	0.005	57769.16835	0.457	0.005	57769.19725	0.378	0.005
57769.13945	0.429	0.005	57769.16896	0.454	0.005	57769.19786	0.371	0.005
57769.14005	0.444	0.005	57769.16956	0.458	0.005	57769.19846	0.377	0.005
57769.14126	0.429	0.005	57769.17016	0.467	0.005	57769.19906	0.371	0.005
57769.14186	0.444	0.005	57769.17076	0.463	0.005	57769.19967	0.361	0.005
57769.14246	0.446	0.005	57769.17136	0.452	0.005	57769.20027	0.366	0.005
57769.14307	0.445	0.005	57769.17197	0.447	0.005	57769.20088	0.359	0.005
57769.14367	0.449	0.005	57769.17257	0.451	0.005	57769.20148	0.356	0.004
57769.14427	0.444	0.005	57769.17317	0.463	0.005	58124.35976	0.256	0.004
57769.14487	0.448	0.005	57769.17377	0.457	0.005	58124.36147	0.266	0.004
57769.14548	0.450	0.005	57769.17437	0.458	0.005	58124.36318	0.272	0.004
57769.14608	0.444	0.005	57769.17498	0.460	0.005	58124.36489	0.289	0.004
57769.14668	0.450	0.005	57769.17558	0.460	0.005	58124.36660	0.296	0.004
57769.14728	0.452	0.005	57769.17618	0.454	0.005	58124.36831	0.299	0.004
57769.14788	0.451	0.005	57769.17679	0.444	0.005	58124.37002	0.316	0.004

Table 1: Continued.

HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$	HJD	$\Delta m$	$\sigma$
-2 400 000			-2 400 000			-2 400 000		
58124.37173	0.320	0.004	58124.44359	0.574	0.004	58124.51719	0.225	0.004
58124.37344	0.328	0.004	58124.44530	0.577	0.004	58124.51890	0.220	0.004
58124.37515	0.343	0.004	58124.44702	0.573	0.004	58124.52061	0.211	0.004
58124.37687	0.351	0.004	58124.44873	0.576	0.004	58124.52404	0.185	0.004
58124.37858	0.358	0.004	58124.45044	0.571	0.004	58124.52575	0.190	0.004
58124.38029	0.365	0.004	58124.45215	0.571	0.004	58124.52918	0.171	0.004
58124.38200	0.382	0.004	58124.45386	0.574	0.004	58124.53089	0.157	0.004
58124.38371	0.392	0.004	58124.45557	0.565	0.004	58124.53260	0.142	0.004
58124.38713	0.417	0.004	58124.45728	0.557	0.004	58124.53603	0.137	0.004
58124.38884	0.430	0.004	58124.45899	0.550	0.004	58124.53774	0.118	0.004
58124.39055	0.432	0.004	58124.46070	0.540	0.004	58124.53945	0.110	0.004
58124.39226	0.448	0.004	58124.46241	0.527	0.004	58124.54116	0.099	0.004
58124.39397	0.460	0.004	58124.46413	0.522	0.004	58124.54288	0.096	0.004
58124.39568	0.463	0.004	58124.46584	0.516	0.004	58124.54459	0.087	0.004
58124.39739	0.482	0.004	58124.46755	0.511	0.004	58124.54631	0.077	0.004
58124.39910	0.490	0.004	58124.46926	0.488	0.004	58910.29208	0.104	0.004
58124.40081	0.497	0.004	58124.47097	0.480	0.004	58910.29406	0.103	0.004
58124.40252	0.511	0.004	58124.47268	0.472	0.004	58910.29603	0.099	0.004
58124.40423	0.513	0.004	58124.47781	0.445	0.004	58910.29801	0.102	0.004
58124.40594	0.533	0.004	58124.47953	0.435	0.004	58910.29999	0.090	0.004
58124.40766	0.539	0.004	58124.48124	0.424	0.004	58910.30197	0.099	0.004
58124.40937	0.539	0.004	58124.48295	0.411	0.004	58910.30395	0.100	0.004
58124.41108	0.552	0.004	58124.48466	0.391	0.004	58910.30592	0.104	0.004
58124.41279	0.560	0.004	58124.48637	0.390	0.004	58910.30789	0.093	0.004
58124.41450	0.570	0.004	58124.48808	0.366	0.004	58910.30987	0.103	0.004
58124.41792	0.572	0.004	58124.48980	0.371	0.004	58910.31185	0.096	0.004
58124.41963	0.574	0.004	58124.49322	0.332	0.004	58910.31384	0.105	0.004
58124.42135	0.571	0.004	58124.49665	0.328	0.004	58910.31581	0.092	0.004
58124.42306	0.577	0.004	58124.49836	0.303	0.004	58910.31779	0.100	0.004
58124.42477	0.579	0.004	58124.50007	0.301	0.004	58910.31977	0.106	0.004
58124.42648	0.588	0.004	58124.50178	0.285	0.004	58910.32175	0.098	0.004
58124.42990	0.572	0.004	58124.50349	0.302	0.004	58910.32373	0.104	0.004
58124.43161	0.577	0.004	58124.50521	0.291	0.004	58910.32570	0.096	0.004
58124.43332	0.577	0.004	58124.50692	0.275	0.004	58910.32768	0.100	0.004
58124.43503	0.578	0.004	58124.50863	0.258	0.004	58910.32967	0.090	0.004
58124.43674	0.583	0.004	58124.51034	0.250	0.004	58910.33363	0.098	0.004
58124.43846	0.578	0.004	58124.51206	0.240	0.004	58910.33560	0.099	0.004
58124.44017	0.586	0.004	58124.51377	0.242	0.004	58910.33758	0.097	0.004
58124.44188	0.581	0.004	58124.51548	0.231	0.004	58910.33956	0.102	0.004