

Recent Minima of 199 Eclipsing Binary Stars

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Abstract This paper continues the publication of times of minima for eclipsing binary stars from observations reported to the AAVSO EB section. Times or minima from observations received from December 2012 through September 2013 are presented.

1. Recent Observations

The accompanying list contains times of minima calculated from recent CCD observations made by participants in the AAVSO's eclipsing binary program. This list will be web-archived and made available through the AAVSO ftp site at <ftp://ftp.aavso.org/public/datasets/gsamoj412.txt>. This list, along with the eclipsing binary data from earlier AAVSO publications, is also included in the Lichtenknecker database (Kreiner 2011) administrated by the Bundesdeutsche Arbeitsgemeinschaft für Veränderliche Sterne e. V. (BAV) at: <http://www.bavastro.de/LkDB/index.php?lang=en>. These observations were reduced by the observers or the writer using the method of Kwee and Van Worden (1956). Column F in Table 1 indicates the filter used. A "C" indicates a clear filter. The standard error is included when available.

The linear elements in the *General Catalogue of Variable Stars* (GCVS, Kholopov *et al.* 1985) were used to compute the O–C values for most stars. For a few exceptions where the GCVS elements are missing or are in significant error, light elements from another source are used: AC CMi (Samolyk 2008), CW Cas (Samolyk 1992a), DV Cep (Frank and Lichtenknecker 1987), DF Hya (Samolyk 1992b), DK Hya (Samolyk 1990), GU Ori (Samolyk 1985). The light elements for QX And, V952 Cas, EX Leo, and CU Tau are from Kreiner (2013). O–C values listed in this paper can be directly compared with values published in the *AAVSO Observed Minima Timings of Eclipsing Binaries* series.

References

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Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
RT And	56528.6388	24465	-0.0108	V	G. Samolyk	0.0001
TW And	56529.7862	4247	-0.0454	V	N. Simmons	0.0001
UU And	56511.8822	9999	0.0685	V	R. Sabo	0.0005
WZ And	56528.8240	22506	0.0641	V	G. Samolyk	0.0002
XZ And	56520.8205	23977	0.1744	V	G. Samolyk	0.0001
AB And	56535.5162	61544	-0.0336	V	L. Corp	0.0001
AD And	56508.8608	17751.5	-0.0455	V	G. Samolyk	0.0003
BD And	56538.7545	46611	0.0154	V	N. Simmons	0.0001
BX And	56536.8311	32794	-0.0691	V	G. Samolyk	0.0002
BX And	56536.8330	32794	-0.0672	V	R. Sabo	0.0002
BX And	56566.7303	32843	-0.0655	V	K. Menzies	0.0003
DS And	56542.7617	20188	0.0031	V	K. Menzies	0.0002
QX And	56297.5709	9213.5	0.0002	V	N. Simmons	0.0002
QX And	56536.8342	9794	-0.0024	V	G. Samolyk	0.0003
RY Aqr	56515.7494	7979	-0.1181	V	G. Samolyk	0.0001
CX Aqr	56481.8576	36023	0.0117	V	G. Samolyk	0.0002
CX Aqr	56564.7000	36172	0.0122	V	R. Poklar	0.0001
CZ Aqr	56512.8830	15232	-0.0549	V	R. Sabo	0.0001
XZ Aql	56492.8472	6820	0.1718	V	G. Samolyk	0.0002
KP Aql	56521.6449	4788.5	-0.0223	V	G. Samolyk	0.0002
OO Aql	56493.7911	35282	0.0577	V	B. Manske	0.0001
OO Aql	56495.8175	35286	0.0570	V	R. Sabo	0.0001
OO Aql	56519.6369	35333	0.0573	V	G. Samolyk	0.0001
OO Aql	56521.6641	35337	0.0574	V	N. Simmons	0.0001
V342 Aql	56523.7409	5074	-0.1754	V	G. Samolyk	0.0002
V343 Aql	56523.7576	15223	-0.0509	V	G. Samolyk	0.0001
V343 Aql	56525.6021	15224	-0.0510	V	K. Menzies	0.0001
V346 Aql	56505.7692	13185	-0.0110	V	G. Samolyk	0.0001
SS Ari	56534.9273	43121	-0.3177	V	R. Sabo	0.0001
SX Aur	56229.7954	13278	0.0150	V	N. Simmons	0.0001
SX Aur	56263.6786	13306	0.0160	V	R. Poklar	0.0002

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
AP Aur	56388.6403	24492	1.4296	V	K. Menzies	0.0002
CL Aur	56336.5848	18780	0.1575	V	G. Samolyk	0.0001
HP Aur	56549.8718	9694.5	0.0617	V	G. Samolyk	0.0002
HP Aur	56559.8303	9701.5	0.0605	V	K. Menzies	0.0001
IM Aur	56283.7443	12642	-0.1182	V	G. Samolyk	0.0002
TU Boo	56336.9210	71759.5	-0.1416	V	G. Samolyk	0.0002
TU Boo	56369.8361	71861	-0.1416	V	K. Menzies	0.0001
TU Boo	56411.8305	71990.5	-0.1424	V	R. Sabo	0.0006
TY Boo	56382.7256	69060	0.0804	V	K. Menzies	0.0001
TY Boo	56399.6930	69113.5	0.0804	V	R. Poklar	0.0002
TY Boo	56419.8319	69177	0.0805	V	K. Menzies	0.0001
TZ Boo	56287.9452	56047	0.0648	V	K. Menzies	0.0001
TZ Boo	56316.9177	56144.5	0.0640	V	K. Menzies	0.0004
TZ Boo	56462.6750	56635	0.0633	V	G. Samolyk	0.0003
UW Boo	56303.8770	13834	-0.0052	V	K. Menzies	0.0001
VW Boo	56424.6441	73764.5	-0.2165	V	N. Simmons	0.0001
AD Boo	56475.7121	14541	0.0333	V	G. Samolyk	0.0005
Y Cam	56541.8563	4108	0.4237	V	G. Samolyk	0.0001
SV Cam	56283.9110	23082	0.0552	V	N. Simmons	0.0001
AL Cam	56552.7012	22691	-0.0338	V	N. Simmons	0.0001
R CMa	56340.6575	10609	0.1037	V	G. Samolyk	0.0001
TU CMa	56329.6642	26026	-0.0103	V	R. Poklar	0.0002
UU CMa	56340.6578	5420	-0.0986	V	R. Poklar	0.0002
XZ CMi	56323.6730	23979	-0.0017	V	R. Poklar	0.0001
YY CMi	56283.8794	25832	0.0155	V	G. Samolyk	0.0003
AC CMi	56328.7129	5016	0.0036	V	R. Poklar	0.0002
AK CMi	56284.7981	23296	-0.0221	V	G. Samolyk	0.0001
AK CMi	56330.6365	23377	-0.0214	V	R. Poklar	0.0002
AM CMi	56337.6863	30507.5	0.2164	V	R. Poklar	0.0008
TY Cap	56552.6509	8261	0.0801	V	G. Samolyk	0.0003
RZ Cas	56529.7656	11152	0.0648	V	N. Simmons	0.0001
TV Cas	56436.8627	6529	-0.0274	V	G. Samolyk	0.0001
TV Cas	56505.7417	6567	-0.0270	V	K. Menzies	0.0003
TV Cas	56534.7438	6583	-0.0264	V	N. Simmons	0.0005
TW Cas	56528.7356	10166	0.0065	V	G. Samolyk	0.0004
AB Cas	53258.6038	7714	0.0766	R	G. Lubcke	0.0001
AB Cas	56541.8783	10116	0.1202	V	G. Samolyk	0.0001
AX Cas	56292.2687	46081	-0.0998	C	Y. Ogmen	0.0001

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
CW Cas	53269.5788	36496.5	-0.0298	R	G. Lubcke	0.0001
CW Cas	56172.3179	45600	-0.0701	V	Y. Ogmen	0.0001
CW Cas	56528.6410	46717.5	-0.0776	V	N. Simmons	0.0001
CW Cas	56528.7985	46718	-0.0795	V	N. Simmons	0.0001
CW Cas	56538.6836	46749	-0.0792	V	B. Manske	0.0001
CW Cas	56544.7424	46768	-0.0788	V	K. Menzies	0.0001
CW Cas	56558.6138	46811.5	-0.0780	V	B. Manske	0.0002
CW Cas	56558.7717	46812	-0.0795	V	K. Menzies	0.0001
DP Cas	56258.2533	23512	-0.0032	C	Y. Ogmen	0.0001
DZ Cas	54004.5875	32578	-0.1670	V	G. Lubcke	0.0004
DZ Cas	56536.6235	35804	-0.1913	V	G. Samolyk	0.0004
DZ Cas	56558.6013	35832	-0.1905	V	N. Simmons	0.0007
IR Cas	53993.5750	17085	0.0110	R	G. Lubcke	0.0004
IR Cas	56521.6390	20799	0.0094	V	G. Samolyk	0.0001
IS Cas	56229.5971	14908	0.0672	V	N. Simmons	0.0001
IT Cas	56541.6315	7129	0.0652	V	G. Samolyk	0.0001
KR Cas	51133.568	7360	-0.1471	C	S. Cook	—
MM Cas	56515.8613	18226	0.1041	V	G. Samolyk	0.0003
PV Cas	56562.7599	9332	-0.0292	V	G. Samolyk	0.0007
V364 Cas	53314.5557	12301	-0.0218	R	G. Lubcke	0.0002
V364 Cas	56521.8210	14379.5	-0.0233	V	G. Samolyk	0.0003
V366 Cas	56215.3183	28987	0.3846	V	Y. Ogmen	0.0001
V375 Cas	56554.6248	14872	0.1983	V	G. Samolyk	0.0002
V380 Cas	56528.8256	22754	-0.0692	V	G. Samolyk	0.0006
V952 Cas	56202.2819	1629	0.0136	V	Y. Ogmen	0.0001
V1115 Cas	55934.5451	7876	-0.0560	V	G. Lubcke	0.00064
V1115 Cas	55934.5458	7876	-0.0552	I	G. Lubcke	0.00043
V1115 Cas	55935.5155	7879	-0.0554	I	G. Lubcke	0.00104
V1115 Cas	55935.5162	7879	-0.0547	V	G. Lubcke	0.00017
SU Cep	56565.6755	33548	0.0064	V	G. Samolyk	0.0002
WZ Cep	53270.5847	60439	-0.0566	R	G. Lubcke	0.0001
WZ Cep	56460.8533	68081.5	-0.1274	V	G. Samolyk	0.0005
XX Cep	56222.5805	4870	-0.0022	V	N. Simmons	0.0002
DK Cep	56530.6668	23268	0.0337	V	G. Samolyk	0.0001
DL Cep	54001.5746	12300	0.0503	R	G. Lubcke	0.0003
DL Cep	56497.8494	13831	0.0587	V	G. Samolyk	0.0002
DV Cep	56493.7250	8374	-0.0050	V	G. Samolyk	0.0001
EG Cep	56446.8518	25435	0.0131	V	G. Samolyk	0.0002

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
EG Cep	56529.6341	25587	0.0128	V	N. Simmons	0.0001
SS Cet	56565.8710	4746	0.0519	V	G. Samolyk	0.0001
TT Cet	56271.6154	48823	-0.0688	V	R. Poklar	0.0001
TT Cet	56538.8898	49373	-0.0705	V	N. Simmons	0.0001
RW Com	53110.5951	55144	-0.0236	R	G. Lubcke	0.0001
RW Com	53830.5882	58177.5	-0.0192	R	G. Lubcke	0.0001
RW Com	56336.7388	68736.5	-0.0040	V	G. Samolyk	0.0002
RW Com	56386.7013	68947	-0.0028	V	R. Poklar	0.0002
RW Com	56413.6396	69060.5	-0.0032	V	K. Menzies	0.0001
RW Com	56427.6433	69119.5	-0.0029	V	K. Menzies	0.0001
RZ Com	56384.7296	63654	0.0463	V	K. Menzies	0.0001
SS Com	56336.8914	75906.5	0.7930	V	G. Samolyk	0.0002
SS Com	56376.7290	76003	0.7962	V	R. Poklar	0.0003
SS Com	56414.7086	76095	0.7990	V	K. Menzies	0.0001
SS Com	56451.6560	76184.5	0.8015	V	G. Samolyk	0.0002
CC Com	56316.7551	76050	-0.0195	V	K. Menzies	0.0002
CC Com	56384.6165	76357.5	-0.0191	V	K. Menzies	0.0001
RW CrB	56451.6582	21613	-0.0016	V	G. Samolyk	0.0002
W Crv	56385.7100	43130	0.0178	V	R. Poklar	0.0002
RV Crv	56340.8718	20490.5	-0.0814	V	G. Samolyk	0.0003
Y Cyg	56498.6980	15701	-0.1425	V	G. Samolyk	0.0004
SW Cyg	56487.7893	3197	-0.3377	V	G. Samolyk	0.0001
WW Cyg	56515.6272	4864	0.1128	V	G. Samolyk	0.0002
ZZ Cyg	56488.8867	18276	-0.0644	V	R. Sabo	0.0001
ZZ Cyg	56526.6040	18336	-0.0640	V	K. Menzies	0.0001
AE Cyg	56525.6411	12319	-0.0048	V	G. Samolyk	0.0002
CG Cyg	56176.3073	26541	0.0719	V	Y. Ogmen	0.0001
CG Cyg	56462.8438	26995	0.0704	V	G. Samolyk	0.0001
DK Cyg	56565.6045	39444	0.1026	V	G. Samolyk	0.0002
KR Cyg	53300.5788	28627	0.0081	R	G. Lubcke	0.0001
KR Cyg	56487.6559	32398	0.0181	V	G. Samolyk	0.0001
KV Cyg	56492.8251	9519	0.0560	V	G. Samolyk	0.0002
V346 Cyg	56527.6329	7597	0.1695	V	G. Samolyk	0.0004
V387 Cyg	56558.6428	44604	0.0200	V	G. Samolyk	0.0001
V388 Cyg	56515.6363	16952	-0.0996	V	G. Samolyk	0.0003
V401 Cyg	53283.5671	16214	0.0536	R	G. Lubcke	0.0002
V401 Cyg	56541.5867	21805	0.0745	V	K. Menzies	0.0001
V401 Cyg	56555.5733	21829	0.0758	V	K. Menzies	0.0001

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
V456 Cyg	56490.6622	12993	0.0489	V	G. Samolyk	0.0001
V466 Cyg	53584.6296	17829	0.0052	R	G. Lubcke	0.0003
V466 Cyg	56511.7906	19932.5	0.0065	V	K. Menzies	0.0001
V466 Cyg	56562.5831	19969	0.0069	V	G. Samolyk	0.0002
V477 Cyg	56522.6688	5255	-0.0307	V	G. Samolyk	0.0002
V548 Cyg	53251.5955	4872	0.0045	R	G. Lubcke	0.0003
V548 Cyg	56522.7040	6684	0.0308	V	G. Samolyk	0.0003
V548 Cyg	56522.7048	6684	0.0316	V	N. Simmons	0.0001
V704 Cyg	56498.7353	32520	0.0322	V	G. Samolyk	0.0002
V1034 Cyg	56523.6664	13906	0.0049	V	N. Simmons	0.0002
V1034 Cyg	56525.6209	13908	0.0056	V	G. Samolyk	0.0003
TT Del	54003.6168	3055	-0.0707	V	G. Lubcke	0.0001
TT Del	56515.8116	3930	-0.1051	V	G. Samolyk	0.0002
TY Del	56497.8528	11366	0.0596	V	G. Samolyk	0.0001
YY Del	56488.8818	17059	0.0100	V	G. Samolyk	0.0003
YY Del	56508.7090	17084	0.0099	V	R. Sabo	0.0001
YY Del	56539.6395	17123	0.0098	V	G. Samolyk	0.0001
YY Del	56562.6389	17152	0.0095	V	N. Simmons	0.0001
YY Del	56562.6391	17152	0.0097	V	B. Manske	0.0001
FZ Del	56521.8106	32172	-0.0342	V	G. Samolyk	0.0001
RZ Dra	56446.6745	22272	0.0577	V	G. Samolyk	0.0002
TW Dra	56424.6753	4378	0.0041	V	G. Samolyk	0.0003
UZ Dra	56428.7796	4556	0.0029	V	G. Samolyk	0.0001
AI Dra	56436.6585	10965	0.0294	V	G. Samolyk	0.0001
BV Eri	56285.3244	25284	-0.1852	V	L. Corp	0.0005
TX Gem	56284.9589	13013	-0.0353	V	G. Samolyk	0.0003
WW Gem	56274.7584	24471	0.0284	V	N. Simmons	0.0001
SZ Her	56451.7910	17831	-0.0246	V	G. Samolyk	0.0001
SZ Her	56479.6060	17865	-0.0249	V	K. Menzies	0.0001
TT Her	56492.6565	18087	0.0397	V	G. Samolyk	0.0002
TU Her	56436.7956	5459	-0.2221	V	G. Samolyk	0.0001
AK Her	56506.4228	33972	0.0171	V	L. Corp	0.0001
CC Her	56460.6944	9684	0.2402	V	G. Samolyk	0.0001
DQ Her	51000.6959	82872	0.0021	C	J. Hannon	—
DQ Her	51005.7307	82898	0.0027	C	J. Hannon	—
DQ Her	51006.6992	82903	0.0031	C	J. Hannon	—
DQ Her	56178.3156	109613	0.0059	C	Y. Ogmen	0.0001
DQ Her	56184.3188	109644	0.0069	C	Y. Ogmen	0.0001

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (<i>day</i>)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
DQ Her	56192.2576	109685	0.0072	C	Y. Ogmen	0.0001
HS Her	56500.4891	6925.5	-0.0010	V	L. Corp	0.0005
V450 Her	56440.7002	33694	-0.356	V	K. Menzies	0.0009
WY Hya	56283.7705	21945	0.0324	V	N. Simmons	0.0001
WY Hya	56364.6796	22058	0.0327	V	R. Poklar	0.0001
AV Hya	56284.9805	28697	-0.1032	V	G. Samolyk	0.0002
DF Hya	56336.7983	40982.5	-0.0068	V	G. Samolyk	0.0001
DF Hya	56349.6917	41021.5	-0.0070	V	R. Poklar	0.0001
DK Hya	56366.6866	25910	0.0033	V	R. Poklar	0.0002
SW Lac	54013.6122	27246	-0.0972	R	G. Lubcke	0.0005
SW Lac	56508.6617	35025.5	-0.0959	V	G. Samolyk	0.0001
SW Lac	56519.5655	35059.5	-0.0966	V	L. Corp	0.0003
SW Lac	56534.8004	35107	-0.0959	V	R. Sabo	0.0001
SW Lac	56563.6657	35197	-0.0955	V	G. Samolyk	0.0001
SW Lac	56564.7885	35200.5	-0.0952	V	K. Menzies	0.0001
VX Lac	56527.8435	10488	0.0823	V	G. Samolyk	0.0001
AW Lac	56539.6516	26176	0.1932	V	G. Samolyk	0.0005
CM Lac	53999.5748	16809	-0.0024	V	G. Lubcke	0.0002
CM Lac	56552.6377	18400	-0.0037	V	G. Samolyk	0.0001
DG Lac	56554.6288	5459	-0.2273	V	K. Menzies	0.0001
Y Leo	56284.7997	6434	-0.0316	V	G. Samolyk	0.0001
UV Leo	56284.8859	29736	0.0386	V	N. Simmons	0.0001
UV Leo	56397.7022	29924	0.0389	V	K. Menzies	0.0001
XY Leo	56408.6368	39895	0.1004	V	N. Simmons	0.0002
EX Leo	56354.3966	9432.5	0.0059	R	L. Corp	0.0008
UW LMi	56015.3613	1332	0.010	R	L. Corp	0.0008
SS Lib	56428.7870	10621	0.1471	V	G. Samolyk	0.0002
δ Lib	56447.6820	5795	-0.0356	V	G. Samolyk	0.0004
EW Lyr	56451.8217	15370	0.2522	V	G. Samolyk	0.0001
EW Lyr	56459.6166	15374	0.2522	V	K. Menzies	0.0001
FL Lyr	56537.6505	8409	-0.0023	V	G. Samolyk	0.0001
RU Mon	56336.6083	4071	-0.0996	V	G. Samolyk	0.0001
RW Mon	56284.7431	11859	-0.0752	V	N. Simmons	0.0001
AT Mon	56334.6813	14651	0.0093	V	R. Poklar	0.0002
BB Mon	56331.6811	40467	-0.0040	V	R. Poklar	0.0001
V753 Mon	56340.3866	5374.5	-0.0038	V	L. Corp	0.0004
U Oph	56464.7631	7183	-0.0008	V	G. Samolyk	0.0010
SX Oph	56481.7345	11187	-0.0021	V	G. Samolyk	0.0004

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
V508 Oph	56486.6926	33075.5	-0.0225	V	B. Manske	0.0003
V508 Oph	56520.6555	33174	-0.0216	V	G. Samolyk	0.0002
V839 Oph	56451.8575	39128	0.2757	V	G. Samolyk	0.0002
V1010 Oph	56462.7595	26496	-0.1562	V	N. Simmons	0.0003
ER Ori	53043.6078	26965.5	0.0352	R	G. Lubcke	0.0001
ER Ori	56283.7372	34618	0.1060	V	G. Samolyk	0.0001
ER Ori	56297.7105	34651	0.1071	V	N. Simmons	0.0001
FR Ori	56310.6118	32212	0.0330	V	N. Simmons	0.0001
FZ Ori	56340.5949	30791.5	-0.0508	V	N. Simmons	0.0001
FZ Ori	56340.5954	30791.5	-0.0503	V	G. Samolyk	0.0002
FZ Ori	56355.5943	30829	-0.0509	V	N. Simmons	0.0003
GU Ori	56309.6355	28129	-0.0533	V	R. Sabo	0.0002
GU Ori	56325.6381	28163	-0.0539	V	R. Poklar	0.0003
U Peg	56506.4828	53351	-0.1500	R	L. Corp	0.0003
U Peg	56535.9037	53429.5	-0.1494	V	R. Sabo	0.0004
TY Peg	56283.5847	5120	-0.3657	V	G. Samolyk	0.0001
TY Peg	56558.7808	5209	-0.3772	V	G. Samolyk	0.0001
UX Peg	56549.7275	10439	-0.0084	V	G. Samolyk	0.0001
BB Peg	56490.8255	35204.5	-0.0086	V	G. Samolyk	0.0001
BB Peg	56552.6414	35375.5	-0.0095	V	B. Manske	0.0004
BB Peg	56552.8218	35376	-0.0099	V	B. Manske	0.0004
BB Peg	56562.5820	35403	-0.0102	V	G. Samolyk	0.0002
BG Peg	56539.8421	5638	-2.1113	V	B. Manske	0.0005
BX Peg	56487.7941	43836	-0.1092	V	G. Samolyk	0.0001
BX Peg	56554.5350	44074	-0.1084	V	K. Menzies	0.0001
DI Peg	53285.5554	11364	-0.0187	R	G. Lubcke	0.0001
DI Peg	53317.5875	11409	-0.0184	R	G. Lubcke	0.0001
DI Peg	56537.8635	15933	-0.0016	V	G. Samolyk	0.0001
DI Peg	56557.7934	15961	-0.0025	V	B. Manske	0.0003
DI Peg	56565.6246	15972	-0.0013	V	B. Manske	0.0001
GP Peg	56498.8932	15642	-0.0500	V	R. Sabo	0.0002
GP Peg	56541.8199	15686	-0.0505	V	K. Menzies	0.0001
GP Peg	56560.3557	15705	-0.0514	V	L. Corp	0.0005
Z Per	56557.7713	3566	-0.2630	V	G. Samolyk	0.0002
RT Per	56266.6281	26949	0.0806	V	N. Simmons	0.0001
RT Per	56552.8805	27286	0.0851	V	G. Samolyk	0.0001
RV Per	56565.8969	7357	-0.0018	V	G. Samolyk	0.0002
XZ Per	56520.8743	11300	-0.0687	V	G. Samolyk	0.0001

Table continued on following pages

Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> 2400000+	<i>Cycle</i>	<i>O-C</i> (day)	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
KW Per	56287.5545	14908	0.0157	V	K. Menzies	0.0002
V432 Per	56284.6404	63480	0.3652	V	G. Samolyk	0.0001
V432 Per	56284.6409	63480	0.3657	V	N. Simmons	0.0002
V432 Per	56522.8653	64221	0.3460	V	G. Samolyk	0.0002
RV Psc	56303.5199	57622	-0.0554	V	K. Menzies	0.0001
RV Psc	56521.7909	58016	-0.0571	V	N. Simmons	0.0002
RV Psc	56557.8007	58081	-0.0567	V	G. Samolyk	0.0001
RV Psc	56566.6651	58097	-0.0562	V	R. Poklar	0.0002
U Sge	56541.6704	11658	-0.0011	V	G. Samolyk	0.0001
V505 Sgr	56474.7542	10156	-0.0801	V	G. Samolyk	0.0007
RS Ser	56492.6302	36063	0.0561	V	G. Samolyk	0.0004
AO Ser	56462.7196	25393	-0.0142	V	G. Samolyk	0.0001
CC Ser	56382.8559	36628	1.0108	V	K. Menzies	0.0001
CC Ser	56417.6879	36695.5	1.0124	V	K. Menzies	0.0001
RZ Tau	56266.8561	44723	0.0695	V	B. Manske	0.0002
RZ Tau	56562.8190	45435	0.0720	V	B. Manske	0.0002
SV Tau	46131.521	5403	-0.016	C	S. Cook	—
SV Tau	49028.701	6740	0.012	C	S. Cook	—
SV Tau	50092.629	7231	-0.011	C	S. Cook	—
TY Tau	56316.5998	32602	0.2608	V	K. Menzies	0.0002
WY Tau	56348.5674	27349	0.0599	V	N. Simmons	0.0002
CT Tau	56283.6360	16315	-0.0593	V	N. Simmons	0.0001
CU Tau	52306.5962	-469.5	-0.0344	V	S. Dvorak	0.0003
CU Tau	52332.5859	-406.5	-0.0334	V	S. Dvorak	0.0003
CU Tau	52644.6572	350	-0.0324	V	S. Dvorak	0.0002
EQ Tau	56276.6458	47058.5	-0.0266	V	K. Menzies	0.0001
V Tri	56523.9654	54766.5	-0.0076	V	R. Sabo	0.0003
V Tri	56558.7864	54826	-0.0063	V	G. Samolyk	0.0003
X Tri	56294.5515	14196	-0.0832	V	N. Simmons	0.0001
X Tri	56522.8611	14431	-0.0844	V	G. Samolyk	0.0001
X Tri	56558.8077	14468	-0.0846	V	G. Samolyk	0.0001
RS Tri	56565.8068	9757	-0.0488	V	N. Simmons	0.0001
RS Tri	56565.8069	9757	-0.0487	V	B. Manske	0.0001
RS Tri	56565.8071	9757	-0.0485	V	G. Samolyk	0.0003
RV Tri	56287.6574	13606	-0.0367	V	K. Menzies	0.0001
RV Tri	56525.8145	13922	-0.0382	V	G. Samolyk	0.0001
RV Tri	56562.7438	13971	-0.0386	V	G. Samolyk	0.0001
TY UMa	53115.6091	38311.5	0.2071	R	G. Lubcke	0.0001

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Table 1. Recent times of minima of stars in the AAVSO eclipsing binary program, cont.

<i>Star</i>	<i>HJD</i> <i>2400000+</i>	<i>Cycle</i>	<i>O-C</i> <i>(day)</i>	<i>F</i>	<i>Observer</i>	<i>Standard</i> <i>Error (day)</i>
TY UMa	56358.6950	47458.5	0.3284	V	R. Poklar	0.0002
TY UMa	56463.6424	47754.5	0.3323	V	K. Menzies	0.0003
UX UMa	53890.6679	83682	0.0015	R	G. Lubcke	0.0002
UX UMa	56400.7815	96445	-0.0005	V	K. Menzies	0.0001
UX UMa	56454.6692	96719	-0.0007	V	G. Samolyk	0.0001
W UMi	56431.7247	13373	-0.1789	V	G. Samolyk	0.0005
VV Vir	56428.7366	56502	-0.0447	V	G. Samolyk	0.0001
AH Vir	56340.9062	25830	0.2538	V	G. Samolyk	0.0003
AH Vir	56400.6098	25976.5	0.2555	V	K. Menzies	0.0001
AW Vir	56398.7174	32136	0.0264	V	R. Poklar	0.0001
AW Vir	56451.6414	32285.5	0.0279	V	G. Samolyk	0.0002
AX Vir	56393.7064	41028	0.0175	V	R. Poklar	0.0002
AZ Vir	56418.6491	35583	-0.0245	V	K. Menzies	0.0001
AZ Vir	56447.6718	35666	-0.0240	V	G. Samolyk	0.0004
BH Vir	56406.7384	16130	-0.0097	V	R. Poklar	0.0001
AW Vul	56563.6713	12745	-0.0169	V	G. Samolyk	0.0001
AX Vul	56536.6754	5770	-0.0333	V	G. Samolyk	0.0002
AY Vul	56520.6497	5735	-0.1097	V	G. Samolyk	0.0004
AY Vul	56549.5992	5747	-0.1096	V	G. Samolyk	0.0001
BE Vul	56508.8140	10565	0.0881	V	G. Samolyk	0.0001
BO Vul	56463.8274	10522	-0.0372	V	G. Samolyk	0.0001
BS Vul	56457.8622	27704	-0.0294	V	G. Samolyk	0.0002
BT Vul	56508.6790	18495	0.0050	V	G. Samolyk	0.0002
BU Vul	56497.6865	40359	0.0150	V	G. Samolyk	0.0001
BU Vul	56558.5678	40466	0.0141	V	G. Samolyk	0.0002
CD Vul	56528.6967	14962	-0.0010	V	G. Samolyk	0.0002