

Recent Minima of 273 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 Eclipsing Binary Section. Times of minima from observations made from January 2012 through December 2012, along with some unpublished times of minima from older data, are presented.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/gsamoj411a.txt>. This list, along with the eclipsing binary data from earlier AAVSO publications, is also included in the Lichtenknecker database administrated by the Bundesdeutsche Arbeitsgemeinschaft für Veränderliche Sterne e.V. (BAV) at: <http://www.bav-astro.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). A colon (:) following a time of minimum in Table 1 indicates that the light curve was of substandard quality. Column F in Table 1 indicates the filter used. A blank indicates that no filter was used. 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 some exceptions where the GCVS elements are missing or are in significant error, light elements from another source are used: CD Cam (Baldwin and Samolyk 2007), AC CMi (Samolyk 2008), CW Cas (Samolyk 1992a), DV Cep (Frank and Lichtenknecker 1987), Z Dra (Danielkiewicz-Krośniak and Kurpińska-Winiarska 1996), DF Hya (Samolyk 1992b), DK Hya (Samolyk 1990), EF Ori (Baldwin and Samolyk 2005), and GU Ori (Samolyk 1985). Light elements for QX And, V376 And, CV Boo, UZ CMi, V520 Cas, EX Del, V829 Her, DU Leo, EX Leo, FS Leo, V453 Mon, V1123 Tau, HX UMa, and MS Vir are from Kreiner (2004, 2011). 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	54079.5908	20571	-0.0072	I	G. Lubcke	0.0001
RT And	54079.5909	20571	-0.0071	V	G. Lubcke	0.0001
RT And	55889.6465	23449	-0.0107	V	J. A. Howell	0.0001
UU And	56193.8183	9785	0.0719	V	G. Samolyk	0.0001
XZ And	55938.5473	23548	0.1735	V	G. Samolyk	0.0001
XZ And	55938.5473	23548	0.1735	V	N. Simmons	0.0001
XZ And	56163.8555	23714	0.1735	V	G. Samolyk	0.0002
AB And	56143.5548	60363	-0.0304	R	L. Corp	0.0003
AB And	56178.4047	60468	-0.0291	R	L. Corp	0.0005
AB And	56178.5698	60468.5	-0.0299	R	L. Corp	0.0004
AB And	56211.5917	60568	-0.0313	V	N. Simmons	0.0001
AD And	56196.7222	17435	-0.0532	V	G. Samolyk	0.0001
AP And	50744.670	15233	-0.009	—	S. Cook	—
BD And	55930.4946	45297	0.0091	V	K. Menzies	0.0001
BX And	56195.7829	32235	-0.0628	V	G. Samolyk	0.0001
CN And	54014.8352	26875	-0.1016	V	V. Petriew	0.0005
DS And	56164.8282	19814	0.0038	V	G. Samolyk	0.0003

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>
GK And	54028.8551	7657	-0.2827	V	V. Petriew	0.0003
QX And	56164.8537	8891.5	0.0024	V	G. Samolyk	0.0006
V376 And	53990.8126	1866	-0.0050	V	V. Petriew	0.0004
CZ Aqr	55854.6059	14469	-0.0507	V	J. A. Howell	0.0001
CZ Aqr	56193.6656	14862	-0.0533	V	G. Samolyk	0.0001
XZ Aql	56167.6886	6668	0.1687	V	G. Samolyk	0.0002
OO Aql	56064.5375	34435	0.0539	R	L. Corp	0.0006
OO Aql	56127.8861	34560	0.0540	V	R. Sabo	0.0001
OO Aql	56139.5432	34583	0.0550	R	L. Corp	0.0006
V342 Aql	56167.7013	4969	-0.1724	V	G. Samolyk	0.0001
V343 Aql	56180.6598	15037	-0.0525	V	G. Samolyk	0.0002
V346 Aql	55848.5902	12591	-0.0104	V	J. A. Howell	0.0001
V346 Aql	56181.6058	12892	-0.0100	V	G. Samolyk	0.0001
V873 Aql	53144.7609	40533	0.0268	V	S. Dvorak	0.0005
RS Ari	50438.678	3001	-0.0932	—	S. Cook	—
RX Ari	55946.5527	17043	0.0671	V	G. Samolyk	0.0001
SS Ari	55937.5314	41649.5	-0.2940	V	G. Samolyk	0.0001
SS Ari	55966.5572	41721	-0.2968	V	G. Samolyk	0.0001
SS Ari	56233.6916	42379	-0.3062	V	R. Poklar	0.0001
SS Ari	56247.7005	42413.5	-0.3041	V	B. Manske	0.0003
SS Ari	56254.6013	42430.5	-0.3051	V	K. Menzies	0.0001
SX Aur	55929.6979	13030	0.0174	V	G. Samolyk	0.0006
SX Aur	56235.8478	13283	0.0170	V	K. Menzies	0.0004
TT Aur	56167.8992	26206	-0.0106	V	G. Samolyk	0.0003
WW Aur	55934.5791	9104.5	0.0023	V	G. Samolyk	0.0002
AP Aur	56006.5804	23821	1.3783	V	K. Menzies	0.0001
BF Aur	50849.644	6456	0.006	—	S. Cook	—
CL Aur	55944.6038	18465	0.1513	V	G. Samolyk	0.0003
EP Aur	55942.5369	50140	0.0138	V	G. Samolyk	0.0002
EP Aur	56020.5468	50272	0.0106	V	K. Menzies	0.0002
EP Aur	56187.8046	50555	0.0132	V	K. Menzies	0.0001
HP Aur	56194.8784	9445	0.0602	V	G. Samolyk	0.0002
IM Aur	55929.5163	12358	-0.1142	V	G. Samolyk	0.0001
KO Aur	50453.690	10506	0.042	—	S. Cook	—
TU Boo	55982.4782	70666.5	-0.1389	R	L. Corp	0.0001
TU Boo	55982.6412	70667	-0.1381	R	L. Corp	0.0001
TU Boo	56062.7386	70914	-0.1395	V	R. Sabo	0.0002
TY Boo	56052.7372	68019.5	0.0843	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> <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 Boo	56062.7259	68051	0.0828	V	R. Sabo	0.0002
TZ Boo	56093.6001	55393	0.0636	V	K. Menzies	0.0003
TZ Boo	56123.6137	55494	0.0639	V	K. Menzies	0.0001
UW Boo	56045.6652	13577	-0.0064	V	K. Menzies	0.0002
UW Boo	56050.6887	13582	-0.0064	V	R. Poklar	0.0002
VW Boo	55945.9194	72366	-0.1993	V	K. Menzies	0.0001
VW Boo	55990.7623	72497	-0.2010	V	K. Menzies	0.0002
BW Boo	50574.647	3064	-0.019	—	S. Cook	—
CV Boo	51702.6935	-942	0.0006	V	J. A. Howell	0.0003
Y Cam	55966.6554	3934	0.4014	V	G. Samolyk	0.0004
SV Cam	55307.7150	21436	0.0524	B	M. de Jong	0.0001
SV Cam	55307.7151	21436	0.0525	V	M. de Jong	0.0001
AT Cam	50841.5920	17755	-0.0875	—	S. Cook	—
CD Cam	55928.7154	4143	0.0015	V	R. Poklar	0.0009
CD Cam	56195.7954	4492.5	-0.0009	V	G. Samolyk	0.0005
TX Cnc	50477.651	32559	0.020	—	S. Cook	—
YZ CVn	52441.6202	6506	-0.0061	V	S. Dvorak	0.0006
SX CMa	55980.7037	17168	0.0358	V	R. Poklar	0.0003
TU CMa	55976.6614	25713	-0.0104	V	R. Poklar	0.0001
TZ CMa	55962.6464	15087	-0.2104	V	G. Samolyk	0.0002
UU CMa	55963.6850	5246	-0.1031	V	R. Poklar	0.0001
UZ CMi	50491.604	-3643.5	0.001	—	S. Cook	—
XZ CMi	55963.6512	23357	-0.0040	V	G. Samolyk	0.0003
XZ CMi	55989.6983	23402	-0.0033	V	R. Poklar	0.0001
XZ CMi	55996.6438	23414	-0.0035	V	N. Simmons	0.0002
AC CMi	55969.6841	4602	0.0025	V	R. Poklar	0.0002
AG CMi	50127.282	9269	-0.052	—	S. Cook	—
AK CMi	55961.6701	22725	-0.0226	V	R. Poklar	0.0002
RW Cap	56189.5919	3987	-0.6223	V	G. Samolyk	0.0004
RZ Cas	56039.7146	10742	0.0650	V	M. de Jong	0.0001
ZZ Cas	50360.657	13609	0.003	—	S. Cook	—
AB Cas	54059.6027	8300	0.0875	V	G. Lubcke	0.0001
AB Cas	54059.6027	8300	0.0875	I	G. Lubcke	0.0001
AB Cas	56194.6881	9862	0.1160	V	G. Samolyk	0.0002
AE Cas	52585.7598	35797	0.0770	V	S. Dvorak	0.0003
BZ Cas	50717.169	9979	0.191	—	S. Cook	—
CW Cas	55936.5228	44860.5	-0.0652	V	G. Samolyk	0.0001
CW Cas	56261.5968	45880	-0.0731	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>
IR Cas	56195.5899	20320	0.0086	V	G. Samolyk	0.0001
IS Cas	56194.6082	14889	0.0671	V	G. Samolyk	0.0002
MS Cas	52592.7172	14937	0.0361	V	S. Dvorak	0.0003
OR Cas	55887.6642	9374	-0.0253	V	J. A. Howell	0.0002
V364 Cas	56208.5781	14176.5	-0.0234	V	N. Simmons	0.0002
V368 Cas	50425.611	5587	-0.033	—	S. Cook	—
V375 Cas	54061.5755	13180	0.1153	V	G. Lubcke	0.0001
V375 Cas	54061.5759	13180	0.1157	I	G. Lubcke	0.0001
V380 Cas	56186.7937	22502	-0.0684	V	G. Samolyk	0.0005
V520 Cas	52980.551	981	0.0011	V	S. Dvorak	0.0010
U Cep	56196.7859	4675	0.1858	V	G. Samolyk	0.0001
SU Cep	56191.5929	33133	0.0052	V	G. Samolyk	0.0003
VZ Cep	51053.731	6197	-0.001	—	S. Cook	—
WZ Cep	56182.6314	67415	-0.1209	V	G. Samolyk	0.0003
ZZ Cep	55934.6160	13076	-0.0118	V	G. Samolyk	0.0003
AH Cep	51462.603 :	9282	-0.034	—	S. Cook	—
DL Cep	56153.8172	13620	0.0579	V	K. Menzies	0.0001
DV Cep	55962.7031	7917	-0.0044	V	G. Samolyk	0.0002
EG Cep	56068.8841	24741	0.0129	V	G. Samolyk	0.0001
GT Cep	51060.6380	5181	0.1232	—	S. Cook	—
V338 Cep	50686.692 :	3123	0.019	—	S. Cook	—
TT Cet	56253.6352	48786	-0.0686	V	R. Poklar	0.0001
TW Cet	56256.6917	43816.5	-0.0276	V	R. Poklar	0.0001
TX Cet	56243.6698	17765	0.0085	V	R. Poklar	0.0002
RW Com	56061.6512	67577.5	-0.0076	V	G. Samolyk	0.0002
RZ Com	55962.7808	62407.5	0.0453	V	G. Samolyk	0.0001
RZ Com	56086.6737	62773.5	0.0450	V	G. Samolyk	0.0001
SS Com	55935.8322	74935	0.7612	V	K. Menzies	0.0002
CC Com	56064.6237	74907.5	-0.0168	V	G. Samolyk	0.0002
U CrB	56061.7617	11388	0.1212	V	G. Samolyk	0.0001
W Crv	56073.6931	42326	0.0179	V	G. Samolyk	0.0002
RV Crv	56076.7180	20137	-0.0815	V	G. Samolyk	0.0005
V Crt	56013.7219	20820	-0.0020	V	R. Poklar	0.0001
WZ Cyg	52495.5587	19967	0.0531	V	S. Dvorak	0.0001
ZZ Cyg	55837.6453	17240	-0.0592	V	J. A. Howell	0.0003
ZZ Cyg	56196.5826	17811	-0.0618	V	G. Samolyk	0.0002
AE Cyg	56181.5803	11964	-0.0042	V	G. Samolyk	0.0001
BR Cyg	56193.6742	10997	0.0009	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>
CG Cyg	56170.6257	26532	0.0706	V	G. Samolyk	0.0001
CV Cyg	50251.655 :	26232	-0.118	—	S. Cook	—
DK Cyg	56170.6884	38605	0.0959	V	K. Menzies	0.0002
DK Cyg	56187.6338	38641	0.0964	V	G. Samolyk	0.0002
GO Cyg	54023.5496	27994	0.0636	V	V. Petriew	0.0001
KR Cyg	56181.7125	32036	0.0196	V	K. Menzies	0.0001
MY Cyg	56196.5526	5580	0.0004	V	G. Samolyk	0.0002
V346 Cyg	56110.6449	7445	0.1604	V	K. Menzies	0.0001
V370 Cyg	52589.5713	23188	-0.0142	V	S. Dvorak	0.0003
V387 Cyg	56166.5990	43992	0.0211	V	K. Menzies	0.0001
V388 Cyg	56186.6269	16569	-0.0978	V	G. Samolyk	0.0001
V401 Cyg	56182.6233	21189	0.0678	V	G. Samolyk	0.0002
V466 Cyg	56173.6401	19689.5	0.0067	V	G. Samolyk	0.0003
V477 Cyg	56170.6226	5105	-0.0283	V	G. Samolyk	0.0002
V726 Cyg	53169.7262	39826	0.0438	V	S. Dvorak	0.0002
V753 Cyg	52486.7722	39233	0.0576	V	S. Dvorak	0.0002
W Del	56189.7074	2676	0.0343	V	G. Samolyk	0.0001
TT Del	55852.5993	3699	-0.0888	V	J. A. Howell	0.0002
EX Del	52575.5268	228	-0.0010	V	S. Dvorak	0.0005
FZ Del	55839.6295	31301	-0.0371	V	J. A. Howell	0.0001
FZ Del	56189.7257	31748	-0.0369	V	B. Manske	0.0001
FZ Del	56193.6419	31753	-0.0367	V	G. Samolyk	0.0001
FZ Del	56200.6909	31762	-0.0367	V	B. Manske	0.0001
GG Del	52470.7094	42095	-0.0201	V	S. Dvorak	0.0004
Z Dra	55982.7064	4522	-0.0188	V	R. Poklar	0.0001
RR Dra	52470.6078	2821	0.0588	V	S. Dvorak	0.0003
BH Dra	56169.5933	8887	-0.0041	V	G. Samolyk	0.0002
BW Dra	50590.631 :	27443.5	0.005	—	S. Cook	—
TZ Eri	55929.6215	5186	0.3039	V	G. Samolyk	0.0002
YY Eri	55946.6093	44681.5	0.1445	V	N. Simmons	0.0003
YY Eri	56261.6775	45661.5	0.1483	V	R. Poklar	0.0002
AE For	52285.5160	-349	0.0004	V	S. Dvorak	0.0001
AE For	53026.5111	458	0.0005	V	S. Dvorak	0.0002
RW Gem	55946.6937	13137	0.0020	V	G. Samolyk	0.0002
RW Gem	56221.7815	13233	0.0020	V	K. Menzies	0.0001
SX Gem	55965.5996	27021	-0.0538	V	R. Sabo	0.0003
TX Gem	56024.5581	12920	-0.0348	V	K. Menzies	0.0001
WW Gem	55936.8285	24198	0.0209	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>
WW Gem	56258.6658	24458	0.0274	V	K. Menzies	0.0002
AF Gem	55940.6437	23143	-0.0668	V	R. Poklar	0.0001
AL Gem	55937.7718	21284	0.0765	V	G. Samolyk	0.0001
KM Gem	52965.8942	25315	0.1649	V	S. Dvorak	0.0005
RV Gru	51089.289	64476.5	0.004	—	H. Lund	—
Z Her	56076.8686	10767	-0.0264	V	G. Samolyk	0.0005
RX Her	56058.8464	12869	0.0001	V	G. Samolyk	0.0001
SZ Her	55836.5823	17079	-0.0234	V	J. A. Howell	0.0001
SZ Her	56064.8316	17358	-0.0235	V	G. Samolyk	0.0001
SZ Her	56187.5458	17508	-0.0240	V	K. Menzies	0.0001
TU Her	56062.7443	5294	-0.2183	V	G. Samolyk	0.0001
AD Her	50262.095	1153	0.105	—	S. Cook	—
AK Her	56127.4751	33073	0.0176	R	L. Corp	0.0004
AK Her	56157.4022	33144	0.0167	R	L. Corp	0.0005
CC Her	56075.7361	9462	0.2313	V	G. Samolyk	0.0001
CT Her	55838.5812	7454	0.0115	V	J. A. Howell	0.0004
DI Her	49934.962 :	730	-0.008	—	S. Cook	—
DI Her	56125.4934	1317	-2.4254	R	L. Corp	0.0005
DP Her	51727.6733	13574.5	0.0547	V	G. Lubcke	0.0018
HS Her	51364.669	3789	-0.006	—	S. Cook	—
MS Her	53173.7350	44202.5	0.1169	V	S. Dvorak	0.0006
MT Her	52456.3798	23249	0.0119	V	L. Baldinelli	0.0002
V342 Her	53305.5260	20678	0.0131	V	S. Dvorak	0.0010
V829 Her	53149.6626	1813.5	-0.0073	V	S. Dvorak	0.0004
WY Hya	55958.7023	21491	0.0311	V	R. Poklar	0.0001
DF Hya	55966.6840	39863	-0.0085	V	G. Samolyk	0.0001
DF Hya	55967.6757	39866	-0.0087	V	R. Poklar	0.0001
DF Hya	55987.6760	39926.5	-0.0100	V	R. Poklar	0.0003
DI Hya	55936.9206	40251	-0.0314	V	G. Samolyk	0.0003
DI Hya	55986.7114	40332	-0.0324	V	R. Poklar	0.0002
DK Hya	55997.6879	25203	0.0025	V	R. Poklar	0.0002
EU Hya	52384.6433	23462	-0.0200	V	S. Dvorak	0.0001
RT Lac	50348.078	1079	-0.078	—	S. Cook	—
SW Lac	56127.8023	33838	-0.0992	V	R. Sabo	0.0001
SW Lac	56186.4942	34021	-0.0993	R	L. Corp	0.0001
VX Lac	56166.8116	10152	0.0804	V	K. Menzies	0.0001
CM Lac	56183.5584	18170	-0.0040	V	K. Menzies	0.0001
CN Lac	52503.6476	41163	0.0322	V	S. Dvorak	0.0006

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>
CO Lac	56173.6327	18570.5	-0.0045	V	G. Samolyk	0.0002
CO Lac	56258.4532	18625.5	-0.0054	V	K. Menzies	0.0003
EK Lac	52435.7893	12757	-0.0039	V	S. Dvorak	0.0003
EM Lac	53359.5329	38804	0.0553	V	S. Dvorak	0.0003
GX Lac	50737.627 :	1729	-0.008	—	S. Cook	—
Y Leo	55935.7849	6227	-0.0233	V	G. Samolyk	0.0001
Y Leo	55962.7617	6243	-0.0241	V	G. Samolyk	0.0001
UV Leo	55995.6420	29254	0.0356	V	R. Poklar	0.0001
UV Leo	56058.6519	29359	0.0365	V	G. Samolyk	0.0001
UX Leo	52647.8926	15162.5	0.2172	V	S. Dvorak	0.0001
VZ Leo	55995.5824	22783	-0.0620	V	N. Simmons	0.0006
XY Leo	55975.6509	38371	0.0782	V	N. Simmons	0.0001
XZ Leo	56002.6251	22506.5	0.0571	V	R. Poklar	0.0006
AP Leo	56011.4664	38282	-0.0252	R	L. Corp	0.0003
DU Leo	53831.6554	969	0.0006	V	V. Petriew	0.0001
EX Leo	53823.6942	3239	-0.0027	V	V. Petriew	0.0001
FS Leo	53832.6949	2916	-0.0016	V	V. Petriew	0.0001
T LMi	55966.8634	3500	-0.1021	V	G. Samolyk	0.0002
Z Lep	55957.6660	28714	-0.1775	V	R. Poklar	0.0001
RR Lep	55959.6742	27946	-0.0387	V	R. Poklar	0.0001
SX Lyn	50586.614 :	2545	0.000	—	S. Cook	—
UV Lyn	52667.8611	29872	0.0491	V	S. Dvorak	0.0003
UZ Lyr	55837.5617	6423	-0.0243	V	J. A. Howell	0.0009
FL Lyr	55840.6419	8089	-0.0015	V	J. A. Howell	0.0003
AT Mon	55983.6607	14478	0.0091	V	R. Poklar	0.0002
AV Mon	51587.559 :	3581	-0.084	—	S. Cook	—
FS Mon	50502.560	8421	-0.018	—	S. Cook	—
MX Mon	52607.7686	32745	-0.0974	V	S. Dvorak	0.0001
V453 Mon	53068.6918	1112	-0.0017	V	S. Dvorak	0.0002
V527 Mon	52372.622	23097	-0.019	V	S. Dvorak	0.0006
V456 Oph	52503.5653	10439	0.0135	V	S. Dvorak	0.0001
V506 Oph	52437.6864	8939.5	0.0274	V	S. Dvorak	0.0002
V508 Oph	56073.8037	31878	-0.0228	V	G. Samolyk	0.0002
V566 Oph	50234.045	20501	0.037	—	S. Cook	—
V788 Oph	52493.6080	28275	-0.0229	V	G. Lubcke	0.0010
V788 Oph	52494.6980	28277	-0.0271	V	G. Lubcke	0.0010
V839 Oph	56169.6425	38438	0.2675	V	G. Samolyk	0.0001
EF Ori	56221.8826	2390.5	0.0016	V	K. Menzies	0.0009

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>
EQ Ori	55937.6270	14031	-0.0418	V	R. Poklar	0.0001
ER Ori	55931.6762	33786.5	0.1010	V	R. Poklar	0.0002
ET Ori	55962.6352	30789	-0.0040	V	G. Samolyk	0.0001
FH Ori	55936.6455	13963	-0.3886	V	R. Poklar	0.0004
FT Ori	56221.8092	4721	0.0167	V	B. Manske	0.0003
FZ Ori	55937.6057	29784	-0.0535	V	N. Simmons	0.0002
FZ Ori	55962.6068	29846.5	-0.0516	V	K. Menzies	0.0002
GU Ori	55964.6296	27396	-0.0501	V	G. Samolyk	0.0003
GU Ori	55981.3356	27431.5	-0.0532	R	L. Corp	0.0004
GU Ori	56217.8540	27934	-0.0521	V	K. Menzies	0.0001
GU Ori	56221.8536	27942.5	-0.0533	V	K. Menzies	0.0005
GU Ori	56256.9207	28017	-0.0519	V	K. Menzies	0.0003
U Peg	56163.7494	52436.5	-0.1458	V	G. Samolyk	0.0003
U Peg	56169.7446	52452.5	-0.1470	V	B. Manske	0.0003
U Peg	56185.6718	52495	-0.1481	V	B. Manske	0.0002
U Peg	56185.8609	52495.5	-0.1464	V	B. Manske	0.0002
U Peg	56206.4734	52550.5	-0.1469	R	L. Corp	0.0003
U Peg	56247.3248	52659.5	-0.1466	R	L. Corp	0.0003
BB Peg	56167.8237	34311	-0.0082	V	B. Manske	0.0003
BB Peg	56169.8127	34316.5	-0.0075	V	G. Samolyk	0.0003
BB Peg	56180.6581	34346.5	-0.0072	V	B. Manske	0.0002
BB Peg	56180.8387	34347	-0.0074	V	B. Manske	0.0002
BB Peg	56251.5117	34542.5	-0.0080	V	K. Menzies	0.0001
BG Peg	56170.8282	5449	-2.0611	V	G. Samolyk	0.0003
BN Peg	52437.8354	25994	0.0012	V	S. Dvorak	0.0001
BO Peg	52503.7466	11873	-0.0230	V	S. Dvorak	0.0003
BX Peg	56196.7191	42798	-0.1074	V	B. Manske	0.0002
CC Peg	52965.5990	46520	0.0114	V	S. Dvorak	0.0005
DI Peg	54016.5930	12391	-0.0170	R	G. Lubcke	0.0001
DI Peg	56189.7822	15444	-0.0044	V	R. Sabo	0.0001
DI Peg	56224.3030	15492.5	-0.0068	R	L. Corp	0.0008
DK Peg	52989.5442	4571	0.0669	V	S. Dvorak	0.0001
GP Peg	56181.8182	15317	-0.0492	V	G. Samolyk	0.0001
GP Peg	56182.7945	15318	-0.0484	V	R. Sabo	0.0001
Z Per	56181.8520	3443	-0.2566	V	G. Samolyk	0.0003
RT Per	55962.5380	26591	0.0758	V	K. Menzies	0.0001
RT Per	56180.8368	26848	0.0787	V	G. Samolyk	0.0002
RT Per	56226.7054	26902	0.0797	V	R. Poklar	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>
RV Per	56194.8802	7169	-0.0021	V	G. Samolyk	0.0001
RY Per	50365.661	3394	0.009	—	S. Cook	—
ST Per	56186.8635	5192	0.3040	V	G. Samolyk	0.0001
XZ Per	56186.9049	11010	-0.0642	V	G. Samolyk	0.0001
XZ Per	56230.6663	11048	-0.0649	V	R. Poklar	0.0003
XZ Per	56238.7280	11055	-0.0646	V	R. Poklar	0.0001
DM Per	50414.637	3114	-0.008	—	S. Cook	—
HW Per	53027.5203	39387	0.0229	V	S. Dvorak	0.0003
IK Per	52325.5920	36874	-0.1067	V	S. Dvorak	0.005
IQ Per	54099.6762	5626	0.0047	V	V. Petriew	0.0001
IT Per	56187.8469	17477	-0.0244	V	G. Samolyk	0.0004
IU Per	56182.8483	12335	0.0076	V	G. Samolyk	0.0003
IU Per	56212.8431	12370	0.0066	V	K. Menzies	0.0001
IU Per	56255.6945	12420	0.0068	V	R. Poklar	0.0002
KL Per	52284.5757	7397	0.1159	V	S. Dvorak	0.0002
KW Per	56189.7719	14803	0.0153	V	G. Samolyk	0.0004
V432 Per	56228.6775	63307	0.0248	V	R. Poklar	0.0002
Beta Per	56181.8416	3676	0.1175	V	G. Samolyk	0.0003
RV Psc	56257.5396	57539	-0.0544	V	K. Menzies	0.0001
SX Psc	52669.5337	8085	-0.0016	V	S. Dvorak	0.0003
RW PsA	52221.5811	49641	-0.0209	V	S. Dvorak	0.0001
RW PsA	52597.5282	50684	-0.0242	V	S. Dvorak	0.0001
UZ Pup	55975.6922	14294.5	-0.0066	V	R. Poklar	0.0003
VY Pup	52608.9009	31366	0.0041	V	S. Dvorak	0.0005
DS Pup	51247.281	59593.5	0.072	—	H. Lund	—
MO Pup	52314.5220	15208.5	-0.0510	V	S. Dvorak	0.0010
U Sge	56186.7033	11553	-0.0032	V	G. Samolyk	0.0001
CU Sge	52486.6742	12446	0.0154	V	S. Dvorak	0.0001
V1968 Sgr	56073.8938	32407	-0.0147	V	G. Samolyk	0.0003
AO Ser	56068.7714	24945	-0.0148	V	G. Samolyk	0.0001
RW Tau	56188.9138	3794	-0.2525	V	R. Sabo	0.0001
RZ Tau	55935.5596	43926	0.0657	V	G. Samolyk	0.0001
TY Tau	55967.5338	32278	0.2580	V	G. Samolyk	0.0002
WY Tau	55967.5498	26799	0.0594	V	G. Samolyk	0.0002
WY Tau	56189.9247	27120	0.0589	V	R. Sabo	0.0002
AM Tau	55963.5297	5240	-0.0595	V	G. Samolyk	0.0002
AQ Tau	55956.5428	21631	0.5494	V	G. Samolyk	0.0003
CF Tau	54070.7043	8498	-0.0789	V	J. Bialozynski	0.0003

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>
CT Tau	55963.5592	15835	-0.0576	V	N. Simmons	0.0002
EQ Tau	55937.5166	46065	-0.0261	V	G. Samolyk	0.0001
EQ Tau	55962.7768	46139	-0.0258	V	N. Simmons	0.0004
EQ Tau	55963.6289	46141.5	-0.0270	V	R. Sabo	0.0002
EQ Tau	56182.7747	46783.5	-0.0269	V	K. Menzies	0.0001
EQ Tau	56243.7054	46962	-0.0269	V	K. Menzies	0.0001
EQ Tau	56247.8012	46974	-0.0273	V	B. Manske	0.0001
HU Tau	56193.8053	7255	0.0291	V	G. Samolyk	0.0002
V781 Tau	52597.6896	25290	-0.0383	V	S. Dvorak	0.0001
V1123 Tau	54089.6576	3974.5	-0.0004	V	V. Petriew	0.0003
V Tri	56258.5768	54313	-0.0054	V	K. Menzies	0.0001
X Tri	56180.8822	14079	-0.0829	V	G. Samolyk	0.0001
X Tri	56221.6864	14121	-0.0832	V	R. Poklar	0.0001
RS Tri	55962.5942	9441	-0.0416	V	N. Simmons	0.0007
RS Tri	56187.8441	9559	-0.0447	V	G. Samolyk	0.0002
RV Tri	56173.8542	13455	-0.0363	V	G. Samolyk	0.0001
W UMa	56009.6750	30704	-0.0690	V	R. Poklar	0.0005
TY UMa	55966.9130	46353.5	0.3115	V	G. Samolyk	0.0001
TY UMa	55998.6450	46443	0.3123	V	R. Poklar	0.0003
TY UMa	56004.8498	46460.5	0.3127	V	K. Menzies	0.0001
UX UMa	55942.9325	94117	0.0012	V	K. Menzies	0.0001
UX UMa	55978.9224	94300	0.0003	V	K. Menzies	0.0002
UY UMa	52415.6308	66032	0.0763	V	S. Dvorak	0.0004
VV UMa	55994.6960	14809	-0.0509	V	R. Poklar	0.0001
XY UMa	50582.655	32080	0.008	—	S. Cook	—
XY UMa	52608.8173	36310	0.0227	V	S. Dvorak	0.0003
ZZ UMa	55936.6487	8692	-0.0032	V	G. Samolyk	0.0001
HX UMa	53839.6526	3533	0.0000	V	V. Petriew	0.0002
AK Vir	56074.7780	11309	-0.0309	V	G. Samolyk	0.0004
AW Vir	56007.7266	31031.5	0.0253	V	K. Menzies	0.0001
AW Vir	56038.7012	31119	0.0251	V	R. Poklar	0.0001
AX Vir	56034.7093	40517	0.0112	V	R. Poklar	0.0001
AZ Vir	56044.6840	34513.5	-0.0228	V	R. Poklar	0.0002
BH Vir	56045.6829	15688	-0.0079	V	R. Poklar	0.0003
DL Vir	50192.641	8663	0.113	—	S. Cook	—
FO Vir	50573.645	6617	0.007	—	S. Cook	—
MS Vir	56048.6896	11358	0.0005	V	R. Poklar	0.0002
NY Vir	55979.5542	56983	-0.0013	R	L. Corp	0.0001

Table continued on next page

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>
NY Vir	55979.6047	56983.5	-0.0012	R	L. Corp	0.0001
NY Vir	55979.6552	56984	-0.0012	R	L. Corp	0.0001
Z Vul	56125.5550	5368	-0.0084	R	L. Corp	0.0004
AW Vul	55838.6724	11846	-0.0160	V	J. A. Howell	0.0001
AW Vul	55851.5758	11862	-0.0158	V	J. A. Howell	0.0001
AW Vul	56184.6387	12275	-0.0173	V	K. Menzies	0.0001
BS Vul	56173.7084	27107	-0.0282	V	K. Menzies	0.0001
BU Vul	55849.6072	39220	0.0187	V	J. A. Howell	0.0001
CD Vul	56180.6713	14453	-0.0002	V	G. Samolyk	0.0002