Recent CCD Minima of 185 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 September 2009 through February 2010 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/gsamoj381.txt. This list, along with 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 Woerden (1956). 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: CD Cam (Baldwin and Samolyk 2007), AC CMi (Samolyk 2008), CW Cas (Samolyk 1992a), Z Dra (Danielkiewicz-Krośniak and Kurpińska-Winiarska 1996), DF Hya (Samolyk 1992b), DK Hya (Samolyk 1990), EF Ori (Baldwin and Samolyk 2005), GU Ori (Samolyk 1985). O–C values listed in this paper can be directly compared with values published in recent numbers of the *AAVSO Observed Minima Timings of Eclipsing Binaries* series.

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
RT And	55157.5733	22285	–0.0099	G. Samolyk	0.0001
TW And	55115.6907	3904	–0.0294	G. Samolyk	0.0001
WZ And	55086.7118	20433	0.0501	G. Samolyk	0.0002
WZ And	55093.6688	20443	0.0505	K. Menzies	0.0001
WZ And	55210.5403	20611	0.0515	G. Samolyk	0.0001
XZ And	55084.8180	22919	0.1720	K. Menzies	0.0001
XZ And	55239.5488	23033	0.1731	G. Samolyk	0.0001
AB And	55136.6008	57329	–0.0235	G. Samolyk	0.0001
AD And	55092.6659	16315.5	–0.0633	G. Samolyk	0.0002
AD And	55206.5701	16431	–0.0647	G. Samolyk	0.0001
BD And	55115.7907	43537	0.0133	G. Samolyk	0.0001
BD And	55124.5879	43556	0.0153	G. Samolyk	0.0002
BX And	55241.5719	30671	–0.0534	G. Samolyk	0.0003
DS And	55087.6133	18748	0.0021	G. Samolyk	0.0004
RY Aqr	55105.7244	7262	–0.0952	G. Samolyk	0.0001
CX Aqr	55094.6689	33528	0.0086	G. Samolyk	0.0003
CZ Aqr	55086.7622	13579	–0.0434	G. Samolyk	0.0002
XZ Aql	55076.6943	6158	0.1567	G. Samolyk	0.0002
KO Aql	55093.7025	4611	0.0725	G. Samolyk	0.0003
KP Aql	55078.6872	4360	–0.0150	G. Samolyk	0.0002
OO Aql	55081.3579	32495	0.0440	L. Corp	0.0003
OO Aql	55119.3688	32570	0.0458	L. Corp	0.0001
V342 Aql	55116.5285	4659	–0.1717	G. Samolyk	0.0002
V343 Aql	55112.6323	14458	–0.0549	G. Samolyk	0.0001
V1692 Aql	55112.2819	4877	–0.0391	Y. Ogmen	0.0003
RX Ari	55147.5569	16267	0.0611	G. Samolyk	0.0003
SS Ari	54750.6448	38726	–0.2584	G. Samolyk	0.0001
SS Ari	54840.5697	38947.5	–0.2610	G. Samolyk	0.0002
SS Ari	55076.8509	39529.5	–0.2681	G. Samolyk	0.0003
SS Ari	55146.6799	39701.5	–0.2700	R. Poklar	0.0002

Table continued on following pages

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
SS Ari	55163.5282	39743	–0.2704	N. Simmons	0.0003
SX Aur	55238.7379	12459	0.0132	G. Samolyk	0.0002
TT Aur	55177.6720	25463	–0.0157	K. Menzies	0.0001
TT Aur	55253.6396	25520	–0.0140	G. Samolyk	0.0005
AP Aur	55087.8747	22207.5	1.2584	G. Samolyk	0.0002
AP Aur	55188.6561	22384.5	1.2714	K. Menzies	0.0002
AP Aur	55210.5759	22423	1.2727	G. Samolyk	0.0002
AP Aur	55246.7339	22486.5	1.2794	G. Samolyk	0.0002
AR Aur	55209.5951	4065	–0.1233	G. Samolyk	0.0005
AR Aur	55240.6057	4072.5	–0.1229	G. Samolyk	0.0002
CL Aur	55110.8640	17795	0.1357	K. Menzies	0.0001
CL Aur	55231.5696	17892	0.1380	G. Samolyk	0.0001
EM Aur	54720.7908	13024	–1.1037	K. Menzies	0.0004
EM Aur	55183.5754	13278	–1.1029	G. Samolyk	0.0006
EP Aur	55183.6798	48856	0.0110	R. Poklar	0.0002
EP Aur	55186.6349	48861	0.0110	G. Samolyk	0.0002
EP Aur	55231.5532	48937	0.0127	G. Samolyk	0.0001
HP Aur	55147.6829	8709	0.0552	G. Samolyk	0.0002
HP Aur	55184.6746	8735	0.0538	R. Poklar	0.0001
HP Aur	55206.7296	8750.5	0.0552	G. Samolyk	0.0001
HP Aur	55241.5885	8775	0.0552	G. Samolyk	0.0002
HP Aur	55246.5697	8778.5	0.0565	G. Samolyk	0.0003
TY Boo	54982.6806	64645.5	0.0840	H. Gerner	0.0002
TY Boo	55225.9331	65412.5	0.0842	G. Samolyk	0.0003
TY Boo	55232.9097	65434.5	0.0835	K. Menzies	0.0001
TZ Boo	55246.8419	52543.5	0.0686	G. Samolyk	0.0001
Y Cam	55123.6826	3679	0.3629	G. Samolyk	0.0002
SV Cam	55112.5956	21107	0.0530	G. Samolyk	0.0001
AL Cam	55136.7001	21625	–0.0316	G. Samolyk	0.0001
CD Cam	55105.6877	3066	0.0003	G. Samolyk	0.0006
CD Cam	55246.6840	3250.5	0.0046	G. Samolyk	0.0004
RT CMa	55175.8061	22068	–0.7014	G. Samolyk	0.0003
RT CMa	55210.7378	22095	–0.7015	G. Samolyk	0.0001
SX CMa	55184.8143	16678	0.0330	G. Samolyk	0.0003
SX CMa	55228.6705	16705	0.0343	R. Poklar	0.0002
TU CMa	55174.7937	25002	–0.0094	G. Samolyk	0.0002
TZ CMa	55138.8674	14656	–0.1562	G. Samolyk	0.0003
TZ CMa	55182.7816	14679	–0.2052	G. Samolyk	0.0004
UU CMa	55183.7477	4886	–0.1061	G. Samolyk	0.0002

Table continued on following pages

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

Star	HJD(min) 2400000+	Cycle	O–C (day)	Observer	Standard Error (day)
XZ CMi	55190.9376	22022	–0.0069	G. Samolyk	0.0002
XZ CMi	55236.6652	22101	–0.0053	R. Poklar	0.0001
YY CMi	55246.7470	24884	0.0138	G. Samolyk	0.0002
AC CMi	55191.7892	3705	0.0010	G. Samolyk	0.0003
AC CMi	55238.6192	3759	0.0013	G. Samolyk	0.0001
AC CMi	55244.6903	3766	0.0018	R. Poklar	0.0001
AK CMi	55163.7587	21315	–0.0185	G. Samolyk	0.0001
AK CMi	55206.7665	21391	–0.0189	G. Samolyk	0.0001
AK CMi	55239.5888	21449	–0.0187	G. Samolyk	0.0001
AM CMi	55246.6244	29437	0.1931	G. Samolyk	0.0005
RZ Cas	55114.5892	9968	0.0608	G. Samolyk	0.0002
TW Cas	55084.6827	9155	–0.0108	G. Samolyk	0.0002
TW Cas	55167.5255	9213	–0.0108	G. Samolyk	0.0002
TW Cas	55174.6647	9218	–0.0132	R. Poklar	0.0007
AB Cas	55114.8430	9072	0.1012	G. Samolyk	0.0001
AB Cas	55199.5901	9134	0.1021	G. Samolyk	0.0001
CW Cas	55086.6041	42195	–0.0516	G. Samolyk	0.0002
CW Cas	55231.5244	42649.5	–0.0550	G. Samolyk	0.0002
CW Cas	55241.5694	42681	–0.0543	G. Samolyk	0.0001
DZ Cas	55153.6590	34042	–0.1768	R. Poklar	0.0004
GT Cas	55182.6681	9312	0.1883	R. Poklar	0.0005
IR Cas	55088.7957	18694	0.0088	K. Menzies	0.0001
IR Cas	55157.5441	18795	0.0080	G. Samolyk	0.0001
IR Cas	55238.5471	18914	0.0094	G. Samolyk	0.0001
IS Cas	55159.6758	14327	0.0646	R. Poklar	0.0002
IS Cas	55253.5927	14378	0.0644	G. Samolyk	0.0001
IT Cas	55138.8390	6769	0.0624	G. Samolyk	0.0002
IT Cas	55181.7020	6780	0.0624	R. Poklar	0.0003
MM Cas	55089.7734	16995	0.0927	K. Menzies	0.0001
OR Cas	55061.7598	8711	–0.0229	K. Menzies	0.0001
OR Cas	55086.6739	8731	–0.0231	C. Hesseltine	0.0002
OR Cas	55096.6397	8739	–0.0230	K. Menzies	0.0001
OR Cas	55253.5986	8865	–0.0237	G. Samolyk	0.0002
OX Cas	55086.7781	5550.5	0.0459	G. Samolyk	0.0007
PV Cas	55090.6099	8491	–0.0341	G. Samolyk	0.0002
V364 Cas	55093.7151	13454	–0.0198	G. Samolyk	0.0004
V364 Cas	55110.6855	13465	–0.0231	K. Menzies	0.0001
V364 Cas	55137.6886	13482.5	–0.0237	K. Menzies	0.0001
V364 Cas	55154.6632	13493.5	–0.0229	R. Poklar	0.0002

Table continued on following pages

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
V364 Cas	55239.5308	13548.5	–0.0240	G. Samolyk	0.0003
V375 Cas	55163.7002	13928	0.1485	N. Simmons	0.0002
V375 Cas	55253.5808	13989	0.1527	G. Samolyk	0.0002
V380 Cas	55175.6288	21757	–0.0649	R. Poklar	0.0004
V380 Cas	55209.5601	21782	–0.0654	G. Samolyk	0.0002
U Cep	55084.8674	4229	0.1664	G. Samolyk	0.0002
SU Cep	55138.7555	31965	0.0043	G. Samolyk	0.0001
WW Cep	52542.5744	17940	0.2954	G. Samolyk	0.0001
WW Cep	53232.7024	18390	0.3034	C. Hesseltine	0.0001
WW Cep	54396.7152	19149	0.3138	J. Bialozynski	0.0001
WW Cep	54626.7578	19299	0.3164	J. Bialozynski	0.0001
WW Cep	55077.6404	19593	0.3206	G. Samolyk	0.0002
WZ Cep	55114.6208	64856.5	–0.0930	G. Samolyk	0.0003
WZ Cep	55163.6693	64974	–0.0946	N. Simmons	0.0001
WZ Cep	55238.5985	65153.5	–0.0971	G. Samolyk	0.0002
XX Cep	55079.6137	4381	–0.0163	G. Samolyk	0.0003
XX Cep	55238.5548	4449	–0.0134	G. Samolyk	0.0005
ZZ Cep	55163.5670	12716	–0.0128	G. Samolyk	0.0004
DK Cep	55138.5668	21856	0.0335	G. Samolyk	0.0001
DL Cep	55157.5900	13009	0.0547	G. Samolyk	0.0003
EG Cep	55163.7236	23079	0.0139	G. Samolyk	0.0001
SS Cet	55087.7666	4249	0.0136	G. Samolyk	0.0002
TT Cet	55144.6899	46504	–0.0612	R. Poklar	0.0001
TW Cet	55114.7595	40212.5	–0.0255	G. Samolyk	0.0001
TW Cet	55168.6240	40382.5	–0.0259	R. Poklar	0.0001
TX Cet	55151.6727	16291	0.0099	R. Poklar	0.0003
TX Cet	55174.6399	16322	0.0110	G. Samolyk	0.0002
RW Com	55163.8833	63795	–0.0147	G. Samolyk	0.0002
RZ Com	55163.9053	60047.5	0.0441	G. Samolyk	0.0001
RZ Com	55253.7778	60313	0.0432	G. Samolyk	0.0001
SS Com	55238.7778	73246.5	0.7059	G. Samolyk	0.0003
W Crv	55191.9734	40054	0.0178	G. Samolyk	0.0001
V Crt	55183.9141	19638	–0.0031	G. Samolyk	0.0002
ZZ Cyg	55167.5444	16174	–0.0549	G. Samolyk	0.0002
AE Cyg	55105.7818	10854	–0.0049	G. Samolyk	0.0003
BR Cyg	55087.6453	10167	0.0002	G. Samolyk	0.0002
CG Cyg	54996.6956	24672	0.0627	N. Simmons	0.0002
DK Cyg	55088.5576	36306	0.0827	K. Menzies	0.0002
KR Cyg	55123.5772	30784	0.0143	G. Samolyk	0.0001

Table continued on following pages

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

Star	HJD(min) 2400000+	Cycle	O–C (day)	Observer	Standard Error (day)
V346 Cyg	55084.6388	7071	0.1418	K. Menzies	0.0002
V387 Cyg	55123.7070	42364	0.0201	G. Samolyk	0.0001
V388 Cyg	55138.6147	15349	–0.0846	G. Samolyk	0.0002
V401 Cyg	55056.7959	19257	0.0593	G. Samolyk	0.0003
V456 Cyg	55138.7206	11476	0.0459	G. Samolyk	0.0002
V466 Cyg	55080.5642	18904	0.0061	K. Menzies	0.0001
V548 Cyg	55096.5557	5894	0.0166	K. Menzies	0.0003
V704 Cyg	55086.8113	30046	0.0299	G. Samolyk	0.0003
V704 Cyg	55109.6389	30086	0.0294	K. Menzies	0.0003
V809 Cyg	55077.3397	11110	0.0344	Y. Ogmen	0.0001
V809 Cyg	55081.2687	11112	0.0345	Y. Ogmen	0.0001
TT Del	55094.6220	3435	–0.0908	G. Samolyk	0.0003
Z Dra	55253.7550	3985	–0.0273	G. Samolyk	0.0001
RZ Dra	55092.6168	19814	0.0478	G. Samolyk	0.0002
S Equ	55138.5616	3650	0.0644	G. Samolyk	0.0002
TZ Eri	55147.7882	4886	0.2901	G. Samolyk	0.0001
YY Eri	55114.8943	42094.5	0.1348	G. Samolyk	0.0001
YY Eri	55147.8467	42197	0.1341	G. Samolyk	0.0001
YY Eri	55210.5393	42392	0.1353	G. Samolyk	0.0001
RW Gem	55201.6642	12877	0.0018	R. Poklar	0.0002
SX Gem	55146.8394	26422	–0.0547	G. Samolyk	0.0002
TX Gem	55181.7579	12619	–0.0308	G. Samolyk	0.0002
TX Gem	55223.7580	12634	–0.0309	K. Menzies	0.0002
TX Gem	55240.5578	12640	–0.0312	K. Menzies	0.0001
TX Gem	55240.5584	12640	–0.0306	G. Samolyk	0.0001
WW Gem	55206.5232	23608	0.0241	G. Samolyk	0.0005
WW Gem	55248.6060	23642	0.0213	K. Menzies	0.0004
AF Gem	55210.7045	22556	–0.0695	G. Samolyk	0.0001
AL Gem	55240.7038	20783	0.0691	N. Simmons	0.0001
SZ Her	55098.6601	16177	–0.0209	R. Sabo	0.0001
WY Hya	55192.9305	20421.5	0.0283	G. Samolyk	0.0002
AV Hya	55210.6743	27125	–0.0949	G. Samolyk	0.0004
AV Hya	55251.6795	27185	–0.0940	R. Poklar	0.0003
DF Hya	55163.8049	37434.5	–0.0129	G. Samolyk	0.0001
DF Hya	55188.9303	37510.5	–0.0135	G. Samolyk	0.0001
DF Hya	55238.6874	37661	–0.0124	G. Samolyk	0.0001
DK Hya	55181.9300	23640	0.0067	G. Samolyk	0.0004
SW Lac	55085.6160	30588.5	–0.1029	G. Samolyk	0.0001
SW Lac	55124.5838	30710	–0.1027	G. Samolyk	0.0001

Table continued on following pages

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
VX Lac	55110.5750	9169	0.0717	K. Menzies	0.0001
AR Lac	55146.7644	6834	–0.0823	G. Samolyk	0.0005
AW Lac	55083.6441	24902	0.1764	G. Samolyk	0.0002
CO Lac	55088.6881	17867	–0.0061	K. Menzies	0.0001
CO Lac	55105.6536	17878	–0.0049	G. Samolyk	0.0003
CO Lac	55112.6002	17882.5	0.0018	G. Samolyk	0.0001
DG Lac	55080.6668	4791	–0.2246	K. Menzies	0.0003
Y Leo	55156.8125	5765	–0.0165	K. Menzies	0.0001
Y Leo	55210.7677	5797	–0.0166	G. Samolyk	0.0001
UU Leo	55193.8711	5832	0.1662	K. Menzies	0.0001
Z Lep	55138.8514	27890	–0.1709	G. Samolyk	0.0002
RR Lep	55157.7639	27070	–0.0341	G. Samolyk	0.0002
RY Lyn	55163.7229	8555	–0.0424	G. Samolyk	0.0002
UZ Lyr	55124.5491	6046	–0.0271	G. Samolyk	0.0001
EW Lyr	55087.7014	14670	0.2380	R. Sabo	0.0001
RU Mon	55147.8275	3739.5	–0.5361	G. Samolyk	0.0007
RU Mon	55178.7530	3748	–0.0810	G. Samolyk	0.0002
RU Mon	55239.6922	3765	–0.0825	R. Poklar	0.0001
RW Mon	55146.8101	11262	–0.0700	G. Samolyk	0.0001
RW Mon	55188.7436	11284	–0.0706	G. Samolyk	0.0001
AT Mon	55210.6002	14097	0.0053	G. Samolyk	0.0004
BB Mon	55138.8470	38839	–0.0045	G. Samolyk	0.0002
BB Mon	55240.6921	38978	–0.0045	G. Samolyk	0.0002
BB Mon	55240.6933	38978	–0.0033	R. Poklar	0.0002
EP Mon	55177.8076	19414	0.0318	G. Samolyk	0.0004
EP Mon	55246.6940	19474	0.0322	R. Poklar	0.0001
EF Ori	55210.5400	1766	0.0039	G. Samolyk	0.0004
EQ Ori	55209.5276	13614	–0.0354	G. Samolyk	0.0001
ER Ori	55147.7362	31935	0.0837	G. Samolyk	0.0002
ER Ori	55197.6989	32053	0.0854	R. Poklar	0.0001
ER Ori	55246.6027	32168.5	0.0866	G. Samolyk	0.0001
ET Ori	55144.8290	29929	–0.0056	K. Menzies	0.0001
FH Ori	55209.5803	13625	–0.3617	G. Samolyk	0.0003
FL Ori	55138.7785	6313	0.0346	G. Samolyk	0.0001
FL Ori	55211.6745	6360	0.0349	R. Poklar	0.0001
FL Ori	55239.5941	6378	0.0371	K. Menzies	0.0001
FT Ori	55153.8167	4382	0.0149	K. Menzies	0.0001
FZ Ori	55136.8273	27782	–0.0587	G. Samolyk	0.0010
FZ Ori	55147.8316	27809.5	–0.0541	G. Samolyk	0.0004

Table continued on following pages

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

Star	HJD(min) 2400000+	Cycle	O–C (day)	Observer	Standard Error (day)
FZ Ori	55154.8278	27827	–0.0576	K. Menzies	0.0001
FZ Ori	55210.6265	27966.5	–0.0570	R. Poklar	0.0002
GU Ori	55114.8208	25590.5	–0.0443	G. Samolyk	0.0005
GU Ori	55156.7104	25679.5	–0.0453	K. Menzies	0.0002
GU Ori	55206.6022	25785.5	–0.0457	G. Samolyk	0.0002
GU Ori	55210.6022	25794	–0.0465	G. Samolyk	0.0003
GU Ori	55253.6686	25885.5	–0.0474	R. Poklar	0.0005
U Peg	55077.8331	49539	–0.1328	G. Samolyk	0.0002
U Peg	55086.6428	49562.5	–0.1305	G. Samolyk	0.0002
U Peg	55175.6492	49800	–0.1347	G. Samolyk	0.0001
BB Peg	55089.6488	31328.5	–0.0031	K. Menzies	0.0001
BB Peg	55096.6981	31348	–0.0031	R. Sabo	0.0001
BB Peg	55146.5851	31486	–0.0034	G. Samolyk	0.0003
BG Peg	55112.6038	4907	–1.9112	G. Samolyk	0.0002
BG Peg	55157.5096	4930	–1.9180	K. Menzies	0.0003
BO Peg	55116.2506	16374	–0.0349	Y. Ogmen	0.0001
BX Peg	55087.6684	38843	–0.0938	C. Hesseltine	0.0001
BX Peg	55107.2959	38913	–0.0958	Y. Ogmen	0.0001
BX Peg	55146.5572	39053	–0.0934	G. Samolyk	0.0002
DI Peg	55085.7474	13893	–0.0114	G. Samolyk	0.0002
KW Peg	55146.5584	8559.5	0.1521	G. Samolyk	0.0004
Z Per	55087.7205	3085	–0.2304	G. Samolyk	0.0001
Z Per	55246.6448	3137	–0.2340	G. Samolyk	0.0001
RT Per	55138.6095	25621	0.0656	G. Samolyk	0.0001
RT Per	55240.5384	25741	0.0665	G. Samolyk	0.0001
RV Per	55239.7118	6685	–0.0005	G. Samolyk	0.0001
ST Per	55087.8035	4777	0.2947	G. Samolyk	0.0002
ST Per	55095.7499	4780	0.2962	K. Menzies	0.0001
ST Per	55156.6618	4803	0.2969	R. Poklar	0.0003
ST Per	55172.5519	4809	0.2971	K. Menzies	0.0001
XZ Per	55122.8078	10086	–0.0514	G. Samolyk	0.0001
XZ Per	55130.8691	10093	–0.0515	K. Menzies	0.0001
IU Per	55118.4273	11093	0.0119	J. Virtanen	0.0001
IU Per	55146.7118	11126	0.0145	G. Samolyk	0.0001
IU Per	55158.7101	11140	0.0145	R. Poklar	0.0002
IU Per	55207.5581	11197	0.0121	K. Menzies	0.0001
KW Per	55163.5209	13701	0.0115	G. Samolyk	0.0001
Beta Per	55146.7270	3315	0.0997	G. Samolyk	0.0001

Table continued on following pages

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
Y Psc	55147.5630	2526	–0.0054	G. Samolyk	0.0001
RV Psc	55058.7040	55375	–0.0525	C. Hesseltine	0.0003
RV Psc	55115.7673	55478	–0.0504	G. Samolyk	0.0002
RV Psc	55116.3158	55479	–0.0559	Y. Ogmen	0.0002
UZ Pup	55192.7650	13309.5	–0.0053	G. Samolyk	0.0002
UZ Pup	55235.6857	13363.5	–0.0066	R. Poklar	0.0002
AV Pup	55175.9443	43135	0.1348	G. Samolyk	0.0005
AV Pup	55232.7119	43237	0.1559	R. Poklar	0.0003
RS Ser	55105.5517	33744	0.0651	G. Samolyk	0.0002
RW Tau	55136.7759	3414	–0.2328	G. Samolyk	0.0003
RZ Tau	55157.8249	42055	0.0584	G. Samolyk	0.0002
RZ Tau	55178.6089	42105	0.0587	G. Samolyk	0.0001
TY Tau	55093.7931	31467	0.2526	K. Menzies	0.0001
TY Tau	55163.8207	31532	0.2521	G. Samolyk	0.0001
WY Tau	55198.5852	25689	0.0567	G. Samolyk	0.0002
AM Tau	55225.6784	4879	–0.0536	G. Samolyk	0.0001
AQ Tau	55157.6972	20974	0.5527	N. Simmons	0.0003
AQ Tau	55179.5846	20992	0.5538	G. Samolyk	0.0003
AQ Tau	55235.5163	21038	0.5539	K. Menzies	0.0002
CT Tau	55146.6965	14610	–0.0532	G. Samolyk	0.0002
CT Tau	55180.7050	14661	–0.0530	R. Poklar	0.0001
CT Tau	55240.7199	14751	–0.0529	G. Samolyk	0.0001
EQ Tau	55116.7448	43660.5	–0.0255	K. Menzies	0.0001
EQ Tau	55116.9156	43661	–0.0254	R. Sabo	0.0001
HU Tau	55239.6762	6791	0.0230	G. Samolyk	0.0001
V Tri	55115.6713	52360	–0.0042	G. Samolyk	0.0001
V Tri	55120.9374	52369	–0.0049	R. Sabo	0.0002
V Tri	55139.6633	52401	–0.0056	R. Sabo	0.0003
V Tri	55231.5420	52558	–0.0042	G. Samolyk	0.0001
X Tri	55090.8279	12957	–0.0747	G. Samolyk	0.0001
X Tri	55092.7709	12959	–0.0748	K. Menzies	0.0001
RS Tri	55206.6669	9045	–0.0353	G. Samolyk	0.0001
RV Tri	55146.6123	12092	–0.0308	G. Samolyk	0.0001
RV Tri	55161.6857	12112	–0.0307	R. Poklar	0.0001
W UMa	55157.7382	28150.5	–0.0625	G. Samolyk	0.0002
TY UMa	55163.8498	44088.5	0.2782	G. Samolyk	0.0002
TY UMa	55213.8412	44229.5	0.2797	K. Menzies	0.0003
XZ UMa	55209.8248	7397	–0.1022	K. Menzies	0.0001

Table continued on following page

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

Star	*HJD(min) 2400000+*	*Cycle*	*O–C (day)*	*Observer*	*Standard Error (day)*
XZ UMa	55247.7165	7428	–0.1025	K. Menzies	0.0002
ZZ UMa	54922.6757	8251	–0.0026	R. Poklar	0.0001
ZZ UMa	55223.8795	8382	–0.0018	K. Menzies	0.0001
W UMi	55157.5705	12624	–0.1660	G. Samolyk	0.0003
RU UMi	55239.6792	25991	–0.0136	G. Samolyk	0.0001
AH Vir	55253.8132	23162.5	0.2230	G. Samolyk	0.0002
AW Vir	55239.9052	28862.5	0.0232	K. Menzies	0.0001
AW Vir	55246.8076	28882	0.0227	G. Samolyk	0.0001
Z Vul	55079.7535	4942	–0.0080	G. Samolyk	0.0002
AX Vul	55147.6386	5084	–0.0308	G. Samolyk	0.0001
BK Vul	55120.2701	66934	0.0091	Y. Ogmen	0.0001
BO Vul	55105.6149	9824	–0.0332	G. Samolyk	0.0001
BS Vul	55146.5658	24949	–0.0244	G. Samolyk	0.0001
BU Vul	55094.5499	37893	0.0152	K. Menzies	0.0001