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**TIMINGS OF MINIMA OF ECLIPSING BINARIES**

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The following Table lists timings of minima of eclipsing binaries secured by CCD photometry, obtained between January and June 2009. The given  $O - C$  values generally refer to the linear elements of the 2008 electronic version of the GCVS (Kholopov et al., 1985, 2008 edition), except for the cases stated in the remarks, where the determination of current elements made use of the up-to-date ASAS data (<http://www.astrouw.edu.pl/asas/>) and the Lafler-Kinman algorithm of the PERANSO software (<http://www.peranso.com/>). All times given are heliocentric UTC.

**Table 1: Minima of eclipsing binaries**

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
ZZ Aur	p	54860.6524	0.0001	+0.0156	29	RD	V
CG Aur	p	54860.6527	0.0012	+0.0090	29	RD	V
DO Aur	p	54844.6296	0.0006	+0.0752	27	RD	V
EI Aur	s	54848.6089	0.0004	-0.1587	21	RD	V
EM Aur	p	54845.5981	0.0009	-0.1913	22	RD	V
EP Aur	p	54881.6784	0.0004	+0.0249	28	RD	V; IBVS 4099
EU Aur	p	54842.7516	0.0016	+0.5942	9	RD	V; d=0.02days
FP Aur	p	54862.6756	0.0003	-0.0713	33	RD	V
FR Aur	p	54852.579	0.005	-0.595	13	RD	V
FW Aur	p	54860.6947	0.0001	-0.0402	31	RD	V
HP Aur	p	54844.6199	0.0003	+0.0515	20	RD	V
HW Aur	p	54860.6777	0.0004	+0.0239	39	RD	V; el.: IBVS 5016
II Aur	p	54862.6516	0.0004	+0.0145	31	RD	V
V364 Aur	p	54848.6302	0.0003	-0.0189	26	RD	V; el.: 2438849.342 + 0.699026 * E
V576 Aur	p	54865.7028	0.0011	-0.2078	30	RD	V; el.: <a href="http://www.astrouw.edu.pl/asas/">www.astrouw.edu.pl/asas/</a>
GSC 2393-680	p	54862.6909	0.0004	+0.0055	27	RD	V; el.: IBVS 5699
SY Boo	p	54961.7850	0.0002	-0.0324	47	RD	V; el.: 2451273.62 + 0.71449 * E; d=0.038days
TU Boo	p	54961.7925	0.0003	+0.0064	33	RD	V; el.: A&AS 117, 105
AC Boo	p	54958.8099	0.0011	+0.1647	11	RD	V
AQ Boo	p	54948.7748	0.0006	-0.0201	15	RD	V; el.: IBVS 4871
	s	54948.9395	0.0007	-0.0221	12	RD	V
AR Boo	s	54891.9286	0.0016	+0.0313	11	RD	V; el.: IBVS 4601
CK Boo	s	54961.7578	0.0003	+0.1106	22	RD	V; el.: IBVS 3727
CV Boo	s	54965.7394	0.0006	+0.0026	25	RD	V; el.: IBVS 5535
EF Boo	p	54958.771	0.002	-0.181	9	RD	V; el.: IBVS 4811
EW Boo	p	54961.8778	0.0003	+0.3595	25	RD	V
FY Boo	p	54957.6806	0.0002	+0.0060	12	RD	V; el.: IBVS 5741
GK Boo	s	54958.8085	0.0007	-0.0628	14	RD	V; el.: IBVS 5060
GL Boo	p	54963.8410	0.0019	+0.0453	37	RD	V; el.: 2453425.805 + 3.197524 * E
GM Boo		54961.8511	0.0005	+0.0518	26	RD	V; el.: IBVS 5125
GQ Boo	p	54965.7952	0.0006	-0.0050	29	RD	V; el.: IBVS 5125

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
GU Boo	p	54965.7845	0.0005	+0.0402	14	RD	V; el.: 2451555.917 + 0.488724 * E
HH Boo	s	54958.6887	0.0009	+0.0162	10	RD	V
	p	54958.849	0.003	+0.017	13	RD	V
HR Boo	s	54963.7534	0.0005	+0.0020	15	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
	p	54963.9144	0.0008	+0.0050	10	RD	V
	s	54965.6514	0.0017	+0.0042	10	RD	V
	p	54965.8097	0.0005	+0.0046	20	RD	V
GSC 912-792	p	54958.778	0.002	-0.002	6	RD	V; el.: 2453447.874 + 0.286482 * E
	s	54958.920	0.002	-0.003	6	RD	V
GSC 921-412	s	54958.663	0.003	+0.023	5	RD	V; el.: 2453859.742 + 0.356727 * E
	p	54958.8403	0.0006	+0.0224	9	RD	V
GSC 1478-669	p	54965.7839	0.0004	-0.0221	36	RD	V; el.: 2454204.822 + 0.428000 * E
GSC 1484-525	p	54958.7985	0.0018	+0.0002	10	RD	V; el.: 2453093.610 + 0.33215 * E
WW Cam	p	54839.6640	0.0004	-0.0211	41	RD	V
AQ Cam	p	54849.6809	0.0003	+0.0257	29	RD	V
AZ Cam	p	54839.8226	0.0012	+0.0254	13	RD	V
HW Cam	p	54833.9055	0.0004	+0.0712	23	RD	V; el.: IBVS 4526
LR Cam	p	54852.6506	0.0007	-0.0482	33	RD	V; el.: IBVS 5132
MP Cam	p	54842.6658	0.0004	-0.0702	36	RD	V
NO Cam	s	54833.6883	0.0004	+0.0037	30	RD	V; el.: 2451497.718 + 0.430753 * E
NR Cam	p	54891.7028	0.0009	+0.0058	15	RD	V; el.: 2451589.757 + 0.255885 * E
GSC 4370-206	s	54862.6395	0.0003	-0.0469	29	RD	V; el.: 2453062.17715 + 0.442114 * E
NSV 3715	p	54889.6861	0.0007	+0.0008	23	RD	V; el.: 2451489.223 + 0.362098 * E
NSV 4638	s	54849.8138	0.0014	-0.0470	16	RD	V; el.: 2451434.388 + 0.39005 * E
WW Cnc	p	54842.8313	0.0005	-0.5178	21	RD	V
WX Cnc	p	54848.8760	0.0006	+0.0135	26	RD	V
WY Cnc	p	54842.9174	0.0005	-0.0323	19	RD	V
AO Cnc	p	54848.9371	0.0006	-0.0787	20	RD	V
GQ Cnc	p	54839.8837	0.0011	+0.0558	19	RD	V; el.: IBVS 4393
	p	54842.8436	0.0005	+0.0596	24	RD	V
IN Cnc	p	54889.623	0.002	-0.002	10	RD	V; el.: IBVS 5428
IO Cnc	s	54848.8582	0.0006	-0.0099	21	RD	V; el.: IBVS 5428
	s	54849.9018	0.0004	-0.0097	22	RD	V
IU Cnc	p	54833.9050	0.0004	-0.0081	36	RD	V; d=0.03days
	p	54839.8092	0.0002	-0.0070	12	RD	V
GSC 1407-222	p	54849.9153	0.0003	-0.0179	23	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
NSV 4322	s	54839.8659	0.0010	-0.0102	30	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
RV CVn	p	54950.7203	0.0010	+0.0252	11	RD	V
	s	54950.8540	0.0006	+0.0241	16	RD	V
VV CVn	p	54950.8926	0.0004	+0.0360	20	RD	V; el.: 2452308.695 + 0.5331238 * E
VW CVn	p	54887.8205	0.0010	-0.0432	8	RD	V
BI CVn	s	54888.9012	0.0004	+0.0441	29	RD	V; el.: IBVS 4554
	s	54957.6763	0.0007	+0.0463	21	RD	V
CI CVn	p	54950.8216	0.0011	-0.0200	26	RD	V; el.: Hipparcos
DF CVn	p	54887.8543	0.0010	-0.0037	16	RD	V; el.: 2450571.199 + 0.3268958 * E
	p	54888.8382	0.0005	-0.0005	8	RD	V
	p	54996.3841	0.0007	-0.0033	22	EBI	C
	s	54996.5516	0.0008	+0.0007	18	EBI	C
DH CVn	p	54881.8834	0.0007	-0.0182	24	RD	V; el.: IBVS 5149
	p	54996.3814	0.0006	-0.0181	12	EBI	C
DI CVn	s	54882.8984	0.0009	-0.0036	17	RD	V; el.: IBVS 5224
	s	54955.7171		-0.0050	19	RD	V
DQ CVn	p	54882.9012	0.0009	+0.0034	18	RD	V; el.: IBVS 5541
DR CVn	p	54884.9475	0.0008	+0.0376	15	RD	V
	p	54957.6656	0.0006	+0.0349	19	RD	V
DU CVn	s	54889.8378	0.0012	-0.0026	9	RD	V; el.: 2451341.744 + 0.307261 * E
DX CVn	p	54888.8299	0.0008	+0.0038	6	RD	V; el.: IBVS 5403
	p	54972.4565	0.0008	+0.0030	21	EBI	C

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24...	$\pm$	$O - C$	n	Obs	Remarks
DY CVn	s	54888.8673	0.0002	-0.0058	19	RD	V; el.: IBVS 5403
	p	54888.9895	0.0015	-0.0066	7	RD	V
	s	54972.4908	0.0004	-0.0051	13	EB1	C
EE CVn	p	54891.8782	0.0003	-0.0053	19	RD	V; el.: IBVS 5403
	s	54996.3831	0.0017	-0.0102	12	EB1	C
	p	54996.5261	0.0006	-0.0075	18	EB1	C
EF CVn	p	54891.8628	0.0013	-0.0057	8	RD	V; el.: IBVS 5269
	p	54957.6975	0.0005	-0.0069	20	RD	V
	p	55000.4110	0.0007	-0.0051	20	EB1	C
EG CVn	s	54889.8873	0.0008	+0.0340	16	RD	V; el.: IBVS 5269
	p	55000.4356	0.0006	+0.0380	23	EB1	C
EH CVn	p	54891.8740	0.0009	-0.0422	17	RD	V
EI CVn	p	54972.4364	0.0008	-0.0125	17	EB1	C; el.: IBVS 5403
GSC 2537-520	p	55000.3955	0.0009	-0.0059	14	EB1	C; el.: IBVS 5541
GSC 2544-1007	p	55000.4444	0.0003	+0.0065	18	EB1	C; el.: IBVS 5541
TT CMi	p	54889.6617	0.0006	-0.2924	18	RD	V
TX CMi	p	54888.7173	0.0005	+0.0069	23	RD	V; el. BBSAG Bull. 106, 7
UZ CMi	p	54891.7538	0.0002	+0.0150	25	RD	V; el.: 2451925.4166 + 0.551361 * E
XZ CMi	p	54891.6902	0.0006	-0.0098	31	RD	V
CX CMi	p	54888.6757	0.0007	+0.0007	30	RD	V; el.: IBVS 5366
CZ CMi	p	54888.7927	0.0002	+0.0464	10	RD	V; el.: IBVS 5366
DL CMi	s	54889.6786	0.0006	+0.0002	26	RD	V; el.: 2451629.654 + 4.017282 * E
	p	54891.6847	0.0011	-0.0023	20	RD	V
V1018 Cas	p	54833.7032	0.0018	-0.0002	27	RD	V; el.: 2451601.625 + 4.127814 * E; non-circular orbit
EF Cep	s	54839.6440	0.0009	+0.1811	33	RD	V
RW Com	s	54874.9082	0.0008	-0.0212	14	RD	V
	p	54955.7293	0.0002	-0.0163	19	RD	V
RZ Com	p	54887.8522	0.0009	+0.0427	15	RD	V
SS Com	p	54882.9253	0.0004	+0.1594	21	RD	V; el.: BAV Rb. 1984-4, 152
	p	54952.6911	0.0007	-0.1605	22	RD	V
AQ Com	s	54881.8582	0.0004	-0.0098	15	RD	V; el.: IBVS 5684
	p	54957.6775	0.0011	-0.0094	23	RD	V
CC Com	s	54865.8558	0.0006	-0.0168	20	RD	V
	p	54865.9656	0.0005	-0.0174	11	RD	V
	s	54891.898	0.003	-0.015	11	RD	V
CM Com	s	54874.845	0.002	-0.012	10	RD	V; el.: 2452639.33 + 0.554515 * E
CN Com	p	54888.9114	0.0007	+0.0638	18	RD	V
DD Com	p	54881.8785	0.0005	+0.0742	16	RD	V
DG Com	p	54952.6863	0.0005	-0.0485	18	RD	V
EK Com	p	54882.8419	0.0007	-0.0505	21	RD	V; el.: IBVS 4167
	s	54882.9757	0.0007	-0.0499	12	RD	V
EQ Com	s	54889.9151	0.0004	+0.1719	10	RD	V
LL Com	s	54887.8972	0.0007	+0.0032	17	RD	V; el.: IBVS 4386
	p	54957.6853	0.0004	+0.0084	21	RD	V
LO Com	p	54865.8945	0.0005	+0.0097	16	RD	V; el.: IBVS 5052
	s	54955.6663	0.0011	+0.0076	13	RD	V
	p	54996.4771	0.0007	+0.0120	22	EB1	C
LP Com	s	54874.908	0.002	-0.013	15	RD	V; el.: IBVS 5052
	s	54955.6682	0.0006	-0.0191	11	RD	V
	p	54996.3853	0.0006	-0.0232	15	EB1	C
LR Com	p	54884.9132	0.0006	-0.0207	25	RD	V; el.: 2449687.296 + 0.896299 * E
MM Com	s	54888.8842	0.0007	-0.0103	17	RD	V; el.: IBVS 5224
MR Com	p	55000.387	0.003	-0.031	10	EB1	C; el.: IBVS 5269
GSC 881-218	s	54955.6990	0.0009	-0.0014	19	RD	V; el.: 2452525.822 + 0.324438 * E
GSC 883-1116	p	54955.6898	0.0003	+0.0011	17	RD	V; el.: 2454622.622 + 0.363610 * E
GSC 1445-866	p	54952.6808	0.0010	-0.0330	20	RD	V; el.: 2453439.709 + 0.373020 * E
GSC 1446-1499	s	54955.7329	0.0011	+0.0100	10	RD	V; el.: 2454868.821 + 0.266162 * E
GSC 1446-2377	p	54952.7405	0.0005	+0.0024	17	RD	V; el.: 2453439.709 + 0.297899 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
GSC 1994-935	s	54950.7439	0.0006	+0.0075	21	RD	V; el.: 2453818.687 + 0.347309 * E
	p	54950.9209	0.0013	+0.0066	8	RD	V
RT CrB	p	54984.7950	0.0007	-0.0180	49	RD	V
RW CrB	p	54961.7884	0.0003	-0.0016	31	RD	V
YY CrB	s	54983.7393	0.0006	-0.0979	30	RD	V; el.: IBVS 5152
AR CrB	s	54952.8582	0.0003	-0.0037	21	RD	V; el.: IBVS 5295
AS CrB	s	54955.8638	0.0004	+0.0054	26	RD	V; el.: IBVS 5295; d=0.04days
GSC 880-55	s	54874.9167	0.0017	-0.0009	14	RD	V; el.: 2452763.558 + 0.582846 * E
	s	54957.6772	0.0009	-0.0045	23	RD	V
W Crv	p	54874.9106	0.0010	+0.0171	10	RD	V
AC Crt	s	54852.8566	0.0006	+0.0021	27	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
AR Dra	p	54881.9380	0.0009	+0.0150	17	RD	V
AX Dra	p	54884.9375	0.0003	-0.0573	20	RD	V
BX Dra	p	54955.8323	0.0012	+0.0192	18	RD	V; el.: IBVS 4266
FU Dra	s	54952.8318	0.0003	-0.0112	20	RD	V; el.: Hipparcos
IV Dra	s	54952.8335	0.0003	+0.0061	17	RD	V; el.: 2450977.5005 + 0.268105 * E
RU Eri	p	54844.6313	0.0007	-0.0224	29	RD	V
TZ Eri	p	54863.7252	0.0007	+0.2883	19	RD	V
WW Eri	p	54844.6712	0.0009	+0.0597	17	RD	V
	p	54845.6007	0.0005	+0.0627	24	RD	V
BC Eri	s	54844.6561	0.0004	+0.0385	20	RD	V; el.: IBVS 4937
	s	54845.7137	0.0007	+0.0416	24	RD	V
GS C5297-974		54839.6730	0.0013	+0.0043	33	RD	V; el.: 2454535.507 + 3.417547 * E
SX Gem	p	54881.6613	0.0006	-0.0587	32	RD	V
AI Gem	s	54884.6749	0.0004	-0.0078	26	RD	V
AZ Gem	p	54887.6615	0.0005	+0.0867	27	RD	V
BD Gem	p	54882.6908	0.0003	-0.0329	28	RD	V
DP Gem	s	54849.6698	0.0003	+0.0641	32	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a> ; d=0.05days
EL Gem	p	54874.6458	0.0003	+0.0352	24	RD	V
EY Gem	p	54881.6998	0.0006	-0.2225	28	RD	V
	p	54882.6358	0.0005	-0.2276	26	RD	V
FT Gem	s	54884.7055	0.0003	-0.0292	28	RD	V
GX Gem	p	54882.6810	0.0002	-0.0325	34	RD	V; el.: 2451563.5046 + 4.037967 * E
IV Gem	s	54852.6091	0.0013		19	RD	V
KQ Gem	p	54887.6328	0.0003	-0.0826	16	RD	V
KV Gem	s	54884.7087	0.0007	+0.0211	15	RD	V; el.: 2451876.534 + 0.358519 * E
V380 Gem	p	54862.7215	0.0007	+0.0001	21	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
NSV 3744	s	54891.7252	0.0009	+0.0273	28	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
IK Her	p	54994.8446	0.0004	+0.2440	32	RD	V
V381 Her	p	54957.8089	0.0015	+0.1821	8	RD	V
V651 Her	p	54983.7809	0.0003	-0.0784	60	RD	V; el.: IBVS 5350; GSC 962-2150
V663 Her	s	55003.910	0.003	-0.262	25	RD	V; el.: ROTSE1
V681 Her	p	54984.8087	0.0008	+0.1195	16	RD	V; el.: ROTSE1
V687 Her	s	54955.8694	0.0002	-0.1526	28	RD	V
V718 Her	p	54957.9124	0.0008	+0.2873	15	RD	V
V728 Her	s	54998.7765	0.0003	+0.0952	43	RD	V; el.: IBVS 3234
V742 Her	p	55003.7911	0.0009	+0.0384	14	RD	V
V789 Her	p	54994.7506	0.0006	+0.0117	20	RD	V; el.: IBVS 5741
V861 Her	p	54990.643	0.008	-0.031	5	RD	V; el.: IBVS 4360
	s	54990.8089	0.0005	-0.0370	14	RD	V
V1005 Her	s	54990.7759	0.0004	-0.0794	15	RD	V; el.: IBVS 4611
V1024 Her	s	54955.8300	0.0009	+0.0501	14	RD	V; el.: 2452699.47 + 0.530834 * E
V1025 Her	p	54984.7367	0.0007	-0.0211	14	RD	V; el.: 2453503.687 + 0.563359 * E
V1031 Her	p	54994.8383	0.0006	+0.0047	25	RD	V; el.: 2454599.727 + 1.436751 * E
V1036 Her	s	54990.7772	0.0009	+0.0024	19	RD	V; el.: IBVS 5146
V1041 Her	p	54994.7978	0.0004	+0.0216	39	RD	V; el.: 2451332.69 + 1.114112 * E
V1042 Her	p	54957.799	0.003	+0.021	5	RD	V; el.: IBVS 4998
V1044 Her	p	54998.6701	0.0002	-0.0036	15	RD	V; el.: IBVS 5192
	s	54998.7923	0.0007	-0.0017	14	RD	V
	p	54998.9089	0.0005	-0.0053	9	RD	V

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
V1049 Her	p	54998.8413	0.0005	+0.0028	42	RD	V; el.: 2453529.638 + 0.727327 * E
V1097 Her	p	55003.7746	0.0002	+0.0049	15	RD	V; el.: IBVS 5306
V1119 Her	p	54955.8292	0.0010	-0.0289	13	RD	V; el.: IBVS 5699; d=0.034days
V1133 Her	p	55003.7302	0.0004	-0.0427	27	RD	V; el.: 2453229.608 + 2.467545 * E; non-circular orbit
GSC 950-560	p	54983.8172	0.0003	-0.0053	34	RD	V; el.: 2454351.551 + 1.232498 * E
GSC 965-581	p	54994.8254	0.0002	+0.0010	38	RD	V; el.: 2454546.848 + 0.443541 * E
GSC 973-1212	p	54990.7758	0.0005	-0.0006	19	RD	V; el.: 2454722.504 + 0.267470 * E
GSC 985-533	s	54994.8138	0.0007	+0.0146	27	RD	V; el.: 2454179.873 + 0.389451 * E
GSC 990-480	p	54998.8064	0.0005	-0.0004	20	RD	V; el.: 2453872.797 + 0.332942 * E
GSC 1528-936	p	54984.7582	0.0003	-0.0077	26	RD	V; el.: 2454190.832 + 1.301531 * E
GSC 1539-326	p	54998.8197	0.0007	+0.0070	24	RD	V; el.: 2453833.639 + 0.387745 * E
GSC 2043-227	p	54990.6598	0.0007	+0.0077	11	RD	V; el.: 2454938.867 + 0.313849 * E
	s	54990.8157	0.0009	+0.0067	14	RD	V
UW Hya	p	54889.6548	0.0004	+0.0260	20	RD	V; el.: MVS 12, 48
VW Hya	p	54833.8695	0.0001	+0.2304	34	RD	V
VZ Hya	p	54848.9718	0.0003	+0.0046	12	RD	V
AV Hya	p	54849.8342	0.0004	-0.0940	17	RD	V; el.: Ap&SS 76, 173
CQ Hya	p	54833.9200	0.0003	+0.1760	32	RD	V
EZ Hya	p	54848.8496	0.0004	-0.1054	25	RD	V; d=0.04days
FG Hya	p	54889.7014	0.0003	-0.0690	23	RD	V; el.: IBVS 2811
V404 Hya	p	54833.8411	0.0005	+0.0121	22	RD	V
V409 Hya	p	54842.8787	0.0005	+0.0278	31	RD	V; d=0.04days
V410 Hya	p	54849.981	0.005	-0.009	7	RD	V; el.: 2452732.712 + 3.150711 * E
GSC 230-1627	p	54839.8780	0.0007	+0.0135	29	RD	V; el.: 2453894.473 + 1.059856 * E
GSC 235-461	p	54839.9429	0.0010	+0.0361	19	RD	V; el.: 2453363.83 + 1.173352 * E
GSC 4875-1418	p	54848.9076	0.0007	-0.0064	20	RD	V; el.: 2453102.627 + 0.569937 * E
GSC 5447-940	s	54842.8526	0.0003	+0.0110	28	RD	V; el.: 2453856.589 + 1.05538 * E; d=0.04days
GSC 5463-753	s	54842.8492	0.0009	-0.0013	26	RD	V; el.: 2453796.762 + 1.04244 * E
GSC 5467-1483	p	54849.9109	0.0007	-0.0032	26	RD	V; el.: 2454256.517 + 2.952224 * E; d=0.02days
UU Leo	p	54852.8748	0.0007	+0.1573	20	RD	V
UX Leo	p	54890.5368	0.0006	+0.0498	30	RD	V; el.: BAV Mitt. 68, 21
UZ Leo	p	54862.8941	0.0014	+0.2000	39	RD	V
XX Leo	s	54887.924	0.002	-0.001	14	RD	V; el.: JAAVSO 28, 25
	s	54890.8383	0.0006	+0.0006	40	RD	V; d = 0.066 days
XY Leo	s	54852.8629	0.0012	+0.1832	21	RD	V
XZ Leo	s	54860.8268	0.0004	+0.0467	20	RD	V
AM Leo	s	54865.9488	0.0017	+0.0115	14	RD	V
AP Leo	s	54863.9100	0.0007	-0.0331	19	RD	V
BL Leo	s	54884.9255	0.0002	-0.0257	21	RD	V
BW Leo	s	54865.9660	0.0009	-0.1197	13	RD	V
CE Leo	s	54865.9361	0.0008	-0.0037	18	RD	V
DU Leo	p	54860.9186	0.0002	0.0000	34	RD	V; el.: IBVS 3999
GU Leo	p	54852.8794	0.0004	+0.0617	27	RD	V; el.: IBVS 5329
GV Leo	p	54863.9128	0.0002	-0.0859	18	RD	V; el.: IBVS 5697
HI Leo	p	54862.9147	0.0006	+0.0039	22	RD	V; el.: IBVS 5455; d=0.025days
HS Leo	p	54852.8914	0.0006	+0.0501	27	RD	V; el.: Per. Zv. 25, 2
GSC 262-948	p	54881.9447	0.0005	+0.0381	16	RD	V; el.: 2453444.694 + 1.371386 * E
GSC 263-585	p	54863.8283	0.0004	-0.0028	17	RD	V; el.: 2452706.698 + 1.297914 * E
GSC 270-9	s	54952.6647	0.0015	+0.0811	17	RD	V; el.: 2454299.594 + 0.581728 * E
GSC 824-1304	p	54862.8851	0.0001	+0.0095	33	RD	V; el.: 2453492.56 + 0.885789 * E
GSC 870-349	p	54952.6886	0.0006	-0.0063	27	RD	V; el.: 2453444.679 + 0.343277 * E
RT LMi	p	54860.8769	0.0003	-0.0066	24	RD	V
XY LMi	s	54860.8561	0.0009	-0.0127	27	RD	V; el.: IBVS 5411
Z Lep	p	54844.714	0.005	+0.058	5	RD	V; el.: JAAVSO 21, 111
	p	54845.7086	0.0002	+0.0591	29	RD	V
GSC 5337-1744	p	54849.7166	0.0002	-0.0019	17	RD	V; el.: 2453009.567 + 1.092078 * E
GSC 5361-545	p	54881.6873	0.0003	+0.0056	20	RD	V; el.: 2454421.804 + 0.797015 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
NSV 1864	s	54852.6590	0.0003	+0.0274	37	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a> ; d=0.045days
NSV 2698	p	54863.7504	0.0001	-0.0003	10	RD	V; el.: 2453399.588 + 0.806257 * E
NSV 7292 Lib	p	54957.8065	0.0019	-0.0136	9	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
NSV 7481	s	54952.8774	0.0001	+0.0121	26	RD	V; el.: 2451926.215 + 0.293408 * E
RV Lyn	p	54882.6328	0.0002	+0.8943	24	RD	V
RZ Lyn	p	54852.9053	0.0003	-0.1124	40	RD	V
UU Lyn	p	54842.9080	0.0006	-0.0048	21	RD	V
BG Lyn	p	54891.7339	0.0006	-0.0014	29	RD	V; el.: AJ 87, 314
DY Lyn	p	54889.609	0.002	+0.001	7	RD	V; el.: 2452704.488 + 1.313173 * E
V573 Lyr	p	55014.7582	0.0006	+0.0003	26	RD	V; el.: 2451288.851 + 0.870539 * E
UU Mon	p	54882.7018	0.0004	+0.0115	26	RD	V
BO Mon	p	54891.7542	0.0002	-0.0647	25	RD	V
CF Mon	p	54882.6455	0.0002	+0.0023	27	RD	V
EI Mon	p	54884.6382	0.0004	-0.0144	15	RD	V
EW Mon	s	54884.6191	0.0004	-0.1408	10	RD	V
GU Mon	s	54881.6418	0.0003	-0.0491	25	RD	V
KR Mon	p	54889.6774	0.0008	+0.0066	23	RD	V; el.: 2453427.651 + 1.150959 * E
V396 Mon	p	54874.7337	0.0002	-0.0756	20	RD	V
V448 Mon	p	54887.7006	0.0015	+0.0641	30	RD	V; pulsator?
V453 Mon	p	54887.6042	0.0010	-0.3037	12	RD	V
V457 Mon	p	54882.6826	0.0004	-0.0098	30	RD	V
V458 Mon	p	54882.7011	0.0003	+0.1040	25	RD	V
V463 Mon	p	54887.7028	0.0006	-0.0907	28	RD	V
V494 Mon	p	54887.6592	0.0005	+0.1278	23	RD	V
V514 Mon	s	54887.6627	0.0005	+0.0489	25	RD	V
V524 Mon	s	54884.7231	0.0008	+0.1209	20	RD	V
V714 Mon	s	54874.6818	0.0004	-0.0246	29	RD	V; el.: IBVS 4468
V864 Mon	s	54888.7382	0.0004	-0.0283	23	RD	V; el.: IBVS 5425
GSC 4829-2025	s	54888.6401	0.0012	-0.0161	18	RD	V; el.: 2453810.652 + 1.496189 * E
GSC 4839-280	s	54888.6658	0.0008	+0.0047	16	RD	V; el.: 2453356.736 + 1.130155 * E
GSC 5397-1850	p	54888.6528	0.0005	-0.0155	21	RD	V; el.: 2453793.698 + 1.862163 * E
GSC 5399-2407	s	54889.6789	0.0004	-0.0001	22	RD	V; el.: 2454162.622 + 1.444006 * E
SX Oph	p	54983.7785	0.0003	+0.0005	62	RD	V
V947 Oph	p	55014.7857	0.0003	-0.0247	15	RD	V; el.: IBVS 5847
V954 Oph	p	55014.807	0.002		5	RD	V
V1016 Oph	p	54984.8212	0.0004	-0.1233	28	RD	V; el.: BBSAG Bull. 99, 9
V1022 Oph	s	54984.6958	0.0006	-0.1232	14	RD	V; el.: IBVS 5690
	p	54984.8139	0.0003	-0.1249	14	RD	V
V1120 Oph	s	54957.8228	0.0007	+0.0014	12	RD	V
GSC 398-1236	s	54998.7764	0.0002	+0.0048	35	RD	V; el.: 2453793.876 + 0.314471 * E
GSC 403-1109	p	54994.7652	0.0006	-0.0028	22	RD	V; el.: 2454299.598 + 0.341104 * E
GSC 418-2020	p	55003.7668	0.0005	-0.0019	22	RD	V; el.: 2454228.802 + 1.205236 * E
GSC 978-1292	s	54998.8493	0.0006	+0.0089	37	RD	V; el.: 2454542.871 + 0.896695 * E
GSC 979-1273	p	54994.8242	0.0008	+0.0098	28	RD	V; el.: 2453560.616 + 0.389199 * E
NSV 9699	p	55003.8371	0.0008	+0.0014	35	RD	V; el.: 2454358.506 + 0.706050 * E
NSV 24049	p	55014.7245	0.0005	-0.0003	23	RD	V; el.: 2452161.3 + 3.96309 * E
EG Ori	p	54874.6484	0.0003	-0.0891	31	RD	V
EW Ori	p	54860.6486	0.0010	-0.0230	29	RD	V; non-circular orbit
FF Ori	p	54860.6230	0.0003	+0.0323	25	RD	V
FK Ori	s	54842.6844	0.0015	+0.0222	32	RD	V
FZ Ori	p	54865.6328	0.0009	+0.0161	20	RD	V
GG Ori	p	54863.6952	0.0002	+1.4269	27	RD	V; non-circular orbit
V392 Ori	p	54881.6829	0.0004	+0.0320	27	RD	V; el.: BAS India 19
V530 Ori	s	54874.6947	0.0013	-0.1879	27	RD	V
V640 Ori	p	54863.7145	0.0001	-0.1355	24	RD	V
V648 Ori	p	54860.6744	0.0002	+0.0633	35	RD	V
V1202 Ori	p	54852.6582	0.0001	-0.0304	31	RD	V; el.: IBVS 3544
V1626 Ori	p	54874.6374	0.0004	-0.0027	25	RD	V; el.: IBVS 5339
V1642 Ori	p	54863.6399	0.0005	+0.0062	30	RD	V; el.: 2453809.575 + 3.037633 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24...	$\pm$	$O - C$	n	Obs	Remarks
GSC 127-719	p	54849.7013	0.0002	+0.0149	22	RD	V; el.: 2453059.638 + 2.13101 * E
	s	54865.6315	0.0006	-0.0374	23	RD	V
GSC 702-1892	s	54862.6967	0.0004	-0.0040	17	RD	V; el.: IBVS 5493
GSC 1283-53	p	54848.6710	0.0006	-0.0010	27	RD	V; el.: IBVS 5799
NSV 1955	p	54863.6595	0.0005	+0.0018	25	RD	V; el.: IBVS 5871
XZ Per	p	54848.7164	0.0003	-0.0538	19	RD	V
FW Per	p	54842.6686	0.0007	-0.0537	24	RD	V
IM Per	s	54833.6742	0.0007	+0.0892	39	RD	V
KR Per	s	54845.6758	0.0003	-0.0161	33	RD	V
LS Per	p	54833.6262	0.0004	-0.4882	29	RD	V
NP Per	s	54848.6540	0.0003	-0.0545	32	RD	V
V482 Per	p	54845.6826	0.0003	+0.2267	38	RD	V; el.: BAV Mit. 68, 21; d=0.02days
V737 Per	p	54833.7329	0.0007	-0.0004	17	RD	V; el.: 2451536.724 + 0.366538 * E
GSC 5404-4206	p	54888.6740	0.0003	-0.0020	24	RD	V; el.: 2453765.63 + 0.610683 * E
AO Ser	p	54952.8851	0.0004	-0.0092	27	RD	V
AU Ser	s	54952.8579	0.0001	-0.1011	25	RD	V
BI Ser	p	54963.7459	0.0005	+0.0839	36	RD	V
V384 Ser	p	54961.6506	0.0005	+0.0022	9	RD	V; el.: 2452365.4575 + 0.268729 * E
	s	54961.7836	0.0001	+0.0009	12	RD	V
	p	54961.9198	0.0010	+0.0027	10	RD	V
V385 Ser	p	54952.9146	0.0005	+0.0392	16	RD	V; el.: IBVS 5455; d=0.024days
GSC 357-162	s	54955.8611	0.0004	+0.0011	25	RD	V; el.: 2454641.656 + 0.375169 * E
GSC 370-665	s	54983.8308	0.0002	+0.0293	27	RD	V; el.: 2454227.748 + 0.421552 * E
GSC 378-1212	s	54955.8514	0.0009	+0.0001	23	RD	V; el.: 2453455.804 + 0.328202 * E
GSC 930-267	p	54983.7647	0.0004	+0.0115	35	RD	V; el.: 2453601.532 + 0.352248 * E
GSC 949-1089	p	54984.8233	0.0016	+0.0040	13	RD	V; el.: 2454606.708 + 0.350103 * E
GSC 1499-834	s	54983.7507	0.0006	+0.0086	29	RD	V; el.: 2454273.672 + 0.321226 * E
	p	54983.9096	0.0008	+0.0069	14	RD	V
GSC 2034-1670	s	54955.8499	0.0004	+0.0006	21	RD	V; el.: 2454272.556 + 0.300944 * E; d=0.01days
GSC 2038-293	p	54983.8090	0.0008	+0.0051	50	RD	V; el.: IBVS 5719
GSC 5017-129	p	54965.7720	0.0003	-0.0061	24	RD	V; el.: 2454627.626 + 0.751449 * E
GSC 5037-866	p	54984.7803	0.0003	-0.0026	15	RD	V; el.: 2454203.796 + 0.406976 * E
Y Sex	p	54862.8687	0.0003	-0.2114	29	RD	V
WX Sex	s	54862.9108	0.0006	-0.0072	20	RD	V; el.: IBVS 5455
WZ Sex	p	54890.8727	0.0024	-0.0275	24	RD	V; el.: 2454852.77 + 1.059171 * E
GSC 4908-1303	p	54860.8603	0.0003	+0.0061	32	RD	V; el.: 2453490.637 + 1.537842 * E
GSC 4911-1235	p	54865.8134	0.0008	+0.0045	11	RD	V; el.: 2453140.597 + 0.424302 * E
GSC 4916-292	p	54863.8559	0.0002	-0.0061	29	RD	V; el.: 2453773.724 + 1.919257 * E
GSC 4918-1155	p	54849.7980	0.0013	-0.0133	11	RD	V; el.: 2453115.642 + 4.699646 * E;
	p	54863.9020	0.0002	-0.0083	38	RD	V; d=0days
RZ Tau	p	54852.7188	0.0006	+0.0575	20	RD	V
TY Tau	s	54848.6948	0.0007	+0.2527	13	RD	V
WY Tau	s	54863.6341	0.0003	+0.0542	30	RD	V
AH Tau	p	54833.7012	0.0006	+0.0116	22	RD	V; el.: IBVS 5554
BN Tau	p	54842.6242	0.0005	-0.0789	30	RD	V
BV Tau	p	54862.6214	0.0020	-0.0163	20	RD	V; el.: <a href="http://www.astrouw.pl/asas/">www.astrouw.pl/asas/</a>
CR Tau	p	54852.7208	0.0003	-0.0038	20	RD	V; el.: IBVS 4778
GQ Tau	p	54862.6678	0.0004	+0.1983	38	RD	V
GW Tau	p	54845.6732	0.0004	-0.0757	42	RD	V
V407 Tau	p	54849.6919	0.0007	+0.5515	24	RD	V
V1249 Tau	s	54844.705	0.003	-0.009	7	RD	V; el.: 2451609.717 + 1.188245 * E; non-circular orbit
GSC 1841-879	p	54842.5950	0.0008	-0.1047	18	RD	V
GSC 1848-1264	s	54849.7205	0.0005	+0.0055	15	RD	V; el.: IBVS 5699
TW UMa	p	54948.7739	0.0004	-0.2869	62	RD	V
TY UMa	p	54890.6670	0.0006	-0.0579	25	RD	V; el.: MNRAS 317, 111
	s	54890.8422	0.0007	-0.0601	18	RD	V
UX UMa	p	54948.7582	0.0010	+0.0003	7	RD	V
	p	54948.956	0.002	0.002	5	RD	V

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	$\pm$	$O - C$	n	Obs	Remarks
UY UMa	s	54957.7182	0.0005	+0.1075	24	RD	V
VV UMa	p	54890.7983	0.0005	-0.0464	29	RD	V
XY UMa	p	54842.8569	0.0003	+0.0316	19	RD	V
XZ UMa	p	54852.9131	0.0005	-0.0965	29	RD	V
ZZ UMa	p	54862.8951	0.0005	-0.0024	37	RD	V
AA UMa	p	54845.857	0.002	+0.038	8	RD	V
AC UMa	p	54839.8146	0.0003	-0.1184	60	RD	V; d=0.063days
BM UMa	p	54845.8280	0.0004	+0.0090	13	RD	V
BS UMa	s	54862.8610	0.0012	+0.0005	9	RD	V; el.: 2453134.7083 + 0.349510 * E
	p	54890.6479	0.0002	+0.0014	14	RD	V
	s	54890.8199	0.0004	-0.0014	11	RD	V
DW UMa	p	54863.906	0.001	0.000	7	RD	V; el.: AA 364, 573
ES UMa		54863.8117	0.0006		16	RD	V
IW UMa	p	54848.8248	0.0006	+0.0150	17	RD	V; el.: IBVS 4402
LO UMa	p	54860.8250	0.0008	+0.0179	19	RD	V; el.: IBVS 5084
MS UMa	p	54865.9317	0.0003	+0.0318	21	RD	V
RU UMi	s	54891.9122	0.0012	-0.0171	23	RD	V
AG Vir	p	54874.8688	0.0012	-0.0133	20	RD	V
AW Vir	p	54888.9170	0.0003	+0.0230	27	RD	V
AZ Vir	s	54891.8386	0.0008	-0.0223	8	RD	V
BF Vir	s	54948.7691	0.0010	+0.1052	27	RD	V
IR Vir	p	54882.8770	0.0007	+0.0048	17	RD	V; el.: 2453913.627 + 0.369377 * E
PS Vir	p	54863.8671	0.0002	-0.0083	20	RD	V
QX Vir	p	54963.6849	0.0008	+0.0038	17	RD	V; el.: 2452025.629 + 0.242074 * E
	s	54963.8074	0.0011	+0.0052	13	RD	V
	p	54963.930	0.002	+0.006	6	RD	V
V337 Vir	s	54889.8436	0.0010	-0.0400	9	RD	V; el.: 5630
GSC 286-631	s	54952.7330	0.0018	+0.0051	16	RD	V; el.: 2453866.584 + 0.315327 * E
GSC 296-9	p	54955.6932	0.0005	+0.0002	18	RD	V; el.: 2454649.516 + 0.417704 * E
GSC 303-36	p	54888.8999	0.0003	-0.0062	28	RD	V; el.: 2454259.639 + 1.310973 * E
GSC 303-65	p	54948.6339	0.0014	+0.0041	8	RD	V; el.: 2453186.769 + 0.372329 * E
	s	54948.8211	0.0004	+0.0051	20	RD	V
GSC 303-735	p	54950.7032	0.0005	+0.0026	21	RD	V; el.: 2453079.772 + 0.288412 * E
	s	54950.8487	0.0010	+0.0038	16	RD	V
GSC 314-388	p	54948.6773	0.0006	+0.0024	22	RD	V; el.: 2454506.847 + 0.347896 * E
	s	54948.8499	0.0001	+0.0011	30	RD	V
GSC 316-99	p	54963.8060	0.0005	-0.0006	17	RD	V; el.: 2454643.620 + 0.404276 * E
GSC 318-1169	p	54963.6780	0.0011	-0.0012	11	RD	V; el.: 2453821.748 + 0.239499 * E
	s	54963.7985	0.0016	-0.0005	13	RD	V
	p	54963.9173	0.0011	-0.0014	9	RD	V
GSC 329-256	p	54963.7416	0.0014	-0.0460	17	RD	V; el.: 2452788.307 + 0.259883 * E
	s	54963.8806	0.0011	-0.0370	15	RD	V
GSC 329-639	s	54963.7500	0.0005	-0.0375	24	RD	V; el.: 2452766.289 + 0.350954 * E
GSC 330-1394	p	54965.8311	0.0007	+0.0134	38	RD	V; el.: 2453848.736 + 0.436872 * E; d=0.03days
GSC 878-260	p	54884.9351	0.0006	+0.0101	19	RD	V; el.: 2454620.606 + 0.964668 * E
GSC 892-892	p	54948.7758	0.0003	-0.0018	23	RD	V; el.: 2453459.753 + 0.305943 * E
	s	54948.9276	0.0004	-0.0029	18	RD	V
GSC 897-470	p	54889.9065	0.0003	+0.0061	28	RD	V; el.: 2454575.685 + 1.441355 * E
GSC 898-3	p	54882.8642	0.0007	-0.0027	12	RD	V; el.: 2454538.782 + 0.516644 * E
	s	54891.9068	0.0012	-0.0013	14	RD	V
GSC 4955-767	p	54887.8552	0.0005	+0.0012	13	RD	V; el.: 2453871.595 + 0.683889 * E
GSC 4958-415	p	54950.8142	0.0005	-0.0008	19	RD	V; el.: 2453106.737 + 0.868210 * E

**Observers:**

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