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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 in the second half of 2010. The given O-C values generally refer to the linear elements of the 2009 electronic version of the GCVS (Samus et al., 2009), 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
WZ And	p	55518.7191	0.0003	+0.0016	32	RD	V
AA And	p	55497.7094	0.0004	-0.0062	41	RD	V; d=0.045d
AP And	s	55513.6845	0.0002	+0.0005	31	RD	V
BD And	p	55497.6850	0.0005	-0.0167	41	RD	V
BX And	p	55478.9054	0.0007	-0.0063	14	RD	V
CN And	s	55518.6751	0.0006	-0.0056	28	RD	V
CP And	p	55543.7247	0.0009	-0.0151	25	RD	V
DK And	s	55498.6807	0.0010	+0.0088	24	RD	V
EP And	p	55477.8946	0.0001	-0.0126	30	RD	V
GK And	p	55501.7107	0.0007	+0.0569	25	RD	V
GZ And	s	55533.6651	0.0003	-0.0016	20	RD	V
HS And	p	55527.7247	0.0002	+0.0031	30	RD	V; d=0.024d
LO And	p	55502.6997	0.0004	-0.0046	28	RD	V; d=0.020d
LY And	s	55533.6506	0.0003	+0.0137	36	RD	V
MO And	p	55543.6483	0.0005	+0.0037	23	RD	V
QW And	p	55469.9016	0.0007	+0.0144	12	RD	V
QX And	p	55542.6796	0.0005	+0.0238	32	RD	V
V412 And	p	55523.7051	0.0003	-0.0059	33	RD	V; el: 2451507.720 + 1.908741 * E
V422 And	p	55506.6502	0.0007	-0.0018	30	RD	V
V449 And	p	55532.5959	0.0015	-0.1689	7	RD	V
	s	55532.7638	0.0013	-0.1703	12	RD	V
V463 And	p	55503.7086	0.0005	-0.0694	31	RD	V; el: IBVS 5699; d=0.023d
GSC 1731-551	p	55511.7327	0.0004	+0.0032	14	RD	V; el: 2454273.900 + 0.422756 * E
GSC 1734-408	s	55511.6846	0.0003	+0.0005	18	RD	V; el: 2454408.538 + 0.268177 * E
GSC 1739-1463	p	55526.6616	0.0002	-0.0032	20	RD	V; el: 2454678.875 + 0.359233 * E; d=0.026d
GSC 2805-766	s	55527.5822	0.0007	+0.0841	9	RD	V; el: PZ 28,2
GSC 2822-1558	p	55469.8406	0.0003	-0.0185	23	RD	V; el: OEJV 104
GSC 3243-336	p	55506.7059	0.0009	+0.0607	24	RD	V; el: PZ 28, 2
GSC 3303-1583	s	55478.8982	0.0001	+0.0377	40	RD	V; el: OEJV 104
GSC 3638-2422	s	55506.6741	0.0005	-0.0053	28	RD	V; el: IBVS 5920
GSC 3641-587	p	55501.6967	0.0005	-0.0068	28	RD	V; el: IBVS 5920
GSC 3644-1562	p	55500.6834	0.0012	+0.0171	20	RD	V; el: 2451483.589 + 0.412558 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	\pm	$O - C$	n	Obs	Remarks
CZ Aqr	p	55508.6457	0.0002	-0.0151	27	RD	V
EK Aqr	s	55503.6954	0.0006	+0.0128	41	RD	V
EL Aqr	p	55506.6662	0.0005	+0.1467	31	RD	V
GK Aqr	s	55480.6083	0.0024	+0.0191	11	RD	V
GM Aqr	p	55478.6886	0.0003	-0.0373	19	RD	V
GS Aqr	p	55480.7208	0.0009	+0.0231	24	RD	V
GSC 562-111	p	55478.6888	0.0001	0.0047	36	RD	V; el: 2452787.908 + 1.551774 * E
GSC 5210-437	p	55476.7022	0.0005	-0.0017	19	RD	V; el: 2454661.739 + 1.073755 * E
GSC 5802-335	p	55480.6945	0.0005	+0.0287	25	RD	V; el: 2452876.679 + 1.080941 * E
RX Ari	p	55532.6411	0.0002	+0.0651	28	RD	V
SS Ari	p	55538.6538	0.0003	-0.0076	17	RD	V
AW Ari	p	55538.7258	0.0005	-0.0142	18	RD	V; el: IBVS 5219
GSC 636-555	p	55542.7304	0.0005	+0.0025	21	RD	V; el: 2454805.578 + 0.484967 * E
GSC 645-85	p	55544.6560	0.0004	+0.0075	22	RD	V; el: 2454387.697 + 0.355220 * E
GSC 1209-1201	p	55469.8556	0.0002	+0.0285	27	RD	V; el: IBVS 5920
GSC 1210-442	s	55469.8716	0.0007	-0.0007	25	RD	V; el: 2455063.860 + 0.337915 * E
GSC 1213-1483	s	55477.8521	0.0005	+0.0328	20	RD	V; el: 2453654.676 + 0.346282 * E
GSC 1217-696	p	55538.7115	0.0004	-0.0048	27	RD	V; el: IBVS 5920; d=0.033d
GSC 1221-1118	p	55545.7239	0.0004	-0.0036	18	RD	V; el: IBVS 5920; d=0.025d
GSC 1240-657	s	55545.6914	0.0005	+0.0003	34	RD	V; el: IBVS 5945
GSC 1761-1934	s	55477.8592	0.0002	+0.0014	22	RD	V; el: 2452872.855 + 0.299374 * E
	p	55478.9091	0.0008	+0.0034	23	RD	V
GSC 1774-845 Ari	p	55532.6622	0.0004	-0.0126	21	RD	V; el: 2454823.626 + 0.468019 * E
AH Aur	s	55538.8843	0.0005	+0.1244	35	RD	V
EP Aur	p	55538.8781	0.0003	+0.0243	31	RD	V; el: IBVS 4099
HP Aur	s	55526.8674	0.0001	+0.0601	22	RD	V
HU Aur	s	55508.8874	0.0003	-0.0159	35	RD	V; el: IBVS 3666
MT Aur	p	55528.8704	0.0008	+0.0135	24	RD	V
V404 Aur	p	55528.8645	0.0003	+0.0309	23	RD	V; el: IBVS 4245; d=0.026d
V410 Aur	s	55508.9206	0.0005	+0.0038	22	RD	V; el: IBVS 5668, d=0.030d
V555 Aur	p	55518.9287	0.0009	+0.0158	21	RD	V; formerly ES Tau
GSC 2393-680	s	55508.9000	0.0004	+0.0083	25	RD	V; el: IBVS 5699
GSC 2898-2213	p	55506.8566	0.0004	+0.0028	29	RD	V; el: OEJV 91; d=0.06d
GSC 3751-178	s	55528.9341	0.0003	+0.0043	20	RD	V; el.: IBVS 5920
GM Boo	p	55398.4414	0.0008	+0.0576	25	EBI	C; el: IBVS 5125
GN Boo	p	55398.4813	0.0004	+0.0081	19	EBI	C; el: IBVS 5125
GQ Boo	p	55398.5129	0.0010	-0.0084	17	EBI	C; el: IBVS 5125
GR Boo	s	55398.4769	0.0003	-0.0022	18	EBI	C; el: IBVS 5125
WW Cam	p	55544.7137	0.0003	-0.0251	27	RD	V
AO Cam	p	55476.8130	0.0009	-0.0495	8	RD	V; el: PASP 97, 648
AQ Cam	p	55511.9223	0.0003	+0.0268	23	RD	V; d=0.031d
CP Cam	p	55559.6858	0.0003	-0.0194	38	RD	V; el: Hipparcos
LR Cam	p	55539.8908	0.0005	-0.0634	23	RD	V; el: IBVS 5132
MT Cam	p	55503.8891	0.0004	+0.0024	25	RD	V; el: IBVS 5871
MX Cam	p	55497.8500	0.0003	-0.1345	37	RD	V; el: IBVS 5557
	p	55511.8350	0.0005	-0.1351	17	RD	V
NO Cam	p	55480.8973	0.0002	+0.0063	30	RD	V; el: IBVS 5894
NR Cam	p	55559.8184	0.0008	+0.0056	8	RD	V; el: IBVS 5894
	s	55559.9459	0.0004	+0.0052	21	RD	V
GSC 3715-1039	s?	55497.9437	0.0008	+0.0910	24	RD	V; el: IBVS 5920; pulsator?
GSC 3722-650	s	55545.6214	0.0020	+0.0087	44	RD	V; el: 2451420.645 + 2.90593 * E
GSC 4346-929	p	55526.8711	0.0003	-0.0081	21	RD	V; el: OEJV 83
GSC 4362-272	p	55539.8729	0.0003	+0.0099	25	RD	V; el. OEJV 83; d=0.033d
GSC 4533-110	s	55540.0054	0.0002	+0.0863	8	RD	V; el: OEJV 83
NSV 3715	p	55559.9372	0.0006	0.0085	21	RD	V; el: IBVS 5894

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	\pm	$O - C$	n	Obs	Remarks
EF CVn	p	55398.4168	0.0003	-0.0075	16	EBI	C; el: IBVS 5269
EG CVn	s	55398.4390	0.0006	+0.0471	24	EBI	C; el: IBVS 5269
GSC 5383-1971	p	55543.8813	0.0003	+0.0047	29	RD	V; el: 2454463.794 + 0.374249 * E
GSC 5391-1821	p	55544.9308	0.0019	-0.0044	16	RD	V; el: 2454842.741 + 1.823881 * E; non-circ.
	s	55545.8950	0.0007	+0.0478	28	RD	V
GSC 5948-2942	s	55533.8637	0.0001	-0.0111	26	RD	V; el: 2454213.496 + 0.320597 * E
GSC 5950-993	s	55542.9148	0.0007	-0.0218	20	RD	V; el: 2454157.669 + 1.161650 * E
CW CMi	p	55559.9216	0.0002	+0.0024	19	RD	V; el: IBVS 5871
GSC 4833-1925	p		0.0006	-0.0105	26	RD	V; el: 2454461.780 + 0.660754 * E; d=0.057d
TX Cas	p	55503.7706	0.0007	-0.1582	78	RD	V
AL Cas	p	55532.6322	0.0004	+0.0046	25	RD	V
BH Cas	s	55526.6654	0.0006	+0.0285	20	RD	V; el: IBVS 4482
BW Cas	p	55478.7628	0.0003	+0.0138	33	RD	V; el: 2450710.303 + 1.26283 * E
CR Cas	p	55502.6830	0.0004	+0.1380	43	RD	V
CW Cas	p	55518.6578	0.0001	-0.0588	15	RD	V; el: JAAVSO 21, 34
EG Cas	p	55508.6614	0.0006	-0.2073	26	RD	V
ES Cas	p	55513.6482	0.0005	-0.4653	18	RD	V
GG Cas	p	55480.8348	0.0011	-0.0622	63	RD	V
GK Cas	s	55532.6868	0.0011	-0.3333	45	RD	V
GR Cas	p	55484.9126	0.0002	-0.0425	39	RD	V
HQ Cas	p	55528.7252	0.0005	-0.5530	28	RD	V
IR Cas	p	55502.6530	0.0008	+0.0094	37	RD	V
LQ Cas	p	55523.6121	0.0006	-0.2754	12	RD	V
MM Cas	p	55527.6779	0.0005	+0.0955	39	RD	V
MN Cas	s	55469.8852	0.0006	+0.0050	19	RD	V
MR Cas	p	55513.7423	0.0004	-0.0486	19	RD	V
MS Cas	p	55511.6627	0.0004	+0.0410	29	RD	V; el: IBVS 5690, d=0.017d
MT Cas	p	55517.7157	0.0003	+0.0148	29	RD	V
MV Cas	p	55506.6922	0.0002	-0.0930	26	RD	V; d=0.027d
NN Cas	p	55511.7094	0.0028	+0.1025	24	RD	V
NV Cas	p	55526.6890	0.0003	-0.1134	18	RD	V
NZ Cas	p	55523.7647	0.0006	-0.1860	11	RD	V
OR Cas	p	55527.6549	0.0001	-0.0240	36	RD	V
OX Cas	p	55518.6605	0.0005	+0.0274	41	RD	V; non-circ.
V336 Cas	p	55513.7242	0.0001	-0.0152	27	RD	V
V345 Cas	p	55502.6590	0.0006	-0.0151	26	RD	V
V350 Cas	p	55498.6630	0.0006	-0.0518	15	RD	V
V357 Cas	p	55511.5831	0.0008	+0.2471	10	RD	V
V359 Cas	p	55502.7235	0.0009	+0.0098	21	RD	V; el: IBVS 5016
V362 Cas	p	55517.7285	0.0004	-0.0020	30	RD	V; el: OEJV 72
V366 Cas	s	55528.6798	0.0001	+0.0729	45	RD	V; el: 4798; d=0.026d
V380 Cas	p	55517.6612	0.0005	-0.0652	44	RD	V
V381 Cas	s	55511.6786	0.0006	-0.0291	35	RD	V
V399 Cas	p?	55497.658	0.003	-0.065	42	RD	V
V419 Cas	p	55469.8640	0.0012	+0.0389	28	RD	V
V448 Cas	p	55518.7584	0.0010	+0.2384	17	RD	V
V471 Cas	p	55542.7217	0.0003	-0.0362	21	RD	V
V520 Cas	s	55503.6641	0.0009	-0.1909	43	RD	V; el: BBSAG Bull. 117, 9
V523 Cas	p	55517.5877	0.0003	+0.0372	10	RD	V; el: MNRAS 317, 111
	s	55517.7045	0.0001	+0.0371	23	RD	V
V541 Cas	s	55478.8709	0.0002	+0.0219	37	RD	V; el: IBVS 2652
V608 Cas	p	55542.7275	0.0002	+0.0059	26	RD	V; el: IBVS 5151; d=0.016d
V651 Cas	s	55513.7449	0.0006	+0.0032	19	RD	V; el: IBVS 3554
V959 Cas	p	55517.6659	0.0005	+0.0141	43	RD	V; el: 2451335.8533 + 1.065155 * E
V961 Cas	s	55517.6429	0.0002	+0.0011	34	RD	V; el: 2452668.3556 + 0.759911 * E
V1009 Cas	p	55523.7562	0.0007	+0.1852	14	RD	V; d=0.03d
V1018 Cas	p	55543.6722	0.0011	-0.0152	30	RD	V; el: IBVS 5894, non-circ.
GSC 4017-1018	s	55517.6338	0.0017	-0.0133	32	RD	V; el: OEJV 91
NSV 18	p	55518.6451	0.0003	+0.0029	34	RD	V; el: 2451478.49 + 1.940515 * E
NSV 49	s	55506.6682	0.0013	+0.0016	17	RD	V; el: IBVS 5871

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24...	\pm	$O - C$	n	Obs	Remarks
WZ Cep	p	55503.6700	0.0002	-0.0919	49	RD	V; el: A&AS 131, 17; d=0.022d
CO Cep	s	55513.7043	0.0003	+0.0153	35	RD	V; non-circ.
DK Cep	p	55476.7328	0.0008	+0.0336	27	RD	V
DP Cep	p	55498.6613	0.0003	-0.0566	24	RD	V
EF Cep	s	55500.9186	0.0009	+0.0362	27	RD	V; el: 2431860.546 + 0.606077 * E; d=0.05d
	p	55513.9523	0.0003	+0.0392	27	RD	V; d=0.03d
EK Cep	p	55469.6966	0.0016	+0.0119	19	RD	V; non-circ.
GW Cep	p	55469.8737	0.0006	-0.0025	15	RD	V; el: IBVS 4293
KP Cep	p	55469.7138	0.0008	+0.0423	20	RD	V
LL Cep	p	55498.6838	0.0005	+0.0005	25	RD	V
MT Cep	s	55477.6877	0.0002	-0.0001	36	RD	V; el: IBVS 5920
NN Cep	s	55497.725	0.003	+0.002	34	RD	V
NR Cep	s	55517.7204	0.0003	-0.0523	35	RD	V
V338 Cep	p	55383.7636	0.0007	+0.0333	21	RD	V
V358 Cep	s	55543.7255	0.0007	+0.0220	25	RD	V; el: BBSAG Bull. 96, 10; d=0.044d
V489 Cep	s	55383.7851	0.0005	+0.1150	27	RD	V; el: IBVS 4406
V743 Cep	p	55476.7280	0.0015	+0.0516	27	RD	V; el: IBVS 5586; non-circ.
V744 Cep	s	55484.6798	0.0019	+0.0242	24	RD	V; el: IBVS 5920
GSC 4286-49	s	55500.6767	0.0026	-0.0582	20	RD	V; el: IBVS 5570; non-circ.
GSC 4477-706	p	55502.6818	0.0004	+0.0015	41	RD	V; el: OEJV 83
GSC 4482-981	p	55500.7226	0.0011	-0.0044	15	RD	V; el: OEJV 83
GSC 4482-1238	p	55502.7168	0.0001	+0.0178	29	RD	V; el: OEJV 91
GSC 4490-777	s	55508.6382	0.0005	-0.0519	25	RD	V; el: OEJV 83; d=0.04d
GSC 4502-138	s	55518.7155	0.0003	+0.0495	34	RD	V; el: 2453433.636 + 0.39292 * E; d=0.02d
GSC 4614-887	s	55508.6900	0.0013	+0.0166	23	RD	V; el: OEJV 83
GSC 4620-1830	p	55480.9135	0.0008	+0.0007	25	RD	V; el: OEJV 83
SS Cet	p	55545.767	0.005	+0.021	30	RD	V
TT Cet	s	55533.6967	0.0002	-0.0625	36	RD	V; d=0.03d
VX Cet	p	55477.9083	0.0003	-0.0006	39	RD	V; el: 2454348.806 + 2.720730 * E; d=0.04d
DY Cet	p	55543.6546	0.0006	-0.0100	20	RD	V; el: IBVS 5806
GSC 28-697	p	55528.5909	0.0005	+0.0032	9	RD	V; el: 2454729.866 + 0.267131 * E
	s	55528.7238	0.0004	+0.0026	16	RD	V
GSC 43-686	s	55477.8599	0.0003	-0.0035	33	RD	V; el: 2454376.762 + 0.444620 * E
GSC 44-1314	s	55478.9047	0.0015	-0.0296	16	RD	V; el: 2454707.828 + 0.358644 * E
GSC 54-373	s	55538.6634	0.0007	+0.0047	31	RD	V; el: 2453015.629 + 0.880485 * E; d=0.08d
GSC 4687-79	p	55533.6280	0.0008	-0.0113	23	RD	V; el: 2453716.543 + 0.349173 * E; d=0.03d
GSC 4688-485	p	55538.6664	0.0007	+0.0120	28	RD	V; el: 2454697.848 + 0.387647 * E
GSC 4689-252	s	55532.6851	0.0005	+0.0066	44	RD	V; el: 2453561.918 + 0.573479 * E
GSC 4691-773	s	55533.6542	0.0003	+0.0089	44	RD	V; el: 2454707.847 + 0.584636 * E
GSC 4708-841	s	55484.9202	0.0002	-0.0081	31	RD	V; el: 2454430.781 + 0.361939 * E
GSC 5268-1013	p	55523.6312	0.0003	-0.0081	22	RD	V; el: 2453670.575 + 0.402665 * E; d=0.026d
GSC 5270-645	s	55527.7092	0.0005	0.0024	36	RD	V; el: OEJV 116
V679 Cyg	p	55477.730	0.003	-0.200	19	RD	V
RU Eri	p	55500.8497	0.0008	-0.0271	18	RD	V
UX Eri	p	55544.7025	0.0004	+0.0136	33	RD	V; el: 2454828.669 + 0.445286 * E
YY Eri	s	55476.9003	0.0009	0	24	RD	V; el: 2454197.495 + 0.321499 * E
ZZ Eri	p	55502.8724	0.0005	-0.0094	18	RD	V
AA Eri	s	55476.8857	0.0009	-0.0239	22	RD	V; el: Krakau catalogue
AM Eri	p	55508.8599	0.0006	-0.0979	14	RD	V
BC Eri	s	55506.8897	0.0004	+0.0018	21	RD	V; el: 2453012.727 + 0.527251 * E
BL Eri	p	55476.9055	0.0022	+0.0686	27	RD	V; el: IBVS 4104
BV Eri	p	55545.6781	0.0007	-0.0079	23	RD	V; el: 2454508.551 + 0.507653 * E
BZ Eri	p	55511.8554	0.0004	+0.0031	22	RD	V
GSC 4700-802	p	55544.6641	0.0004	-0.0010	29	RD	V; el: 2454740.773 + 0.792793 * E; d=0.036d
GSC 4725-661	s	55503.8993	0.0009	-0.0271	39	RD	V; el: 2453707.673 + 0.748907 * E; d=0.04d
GSC 4732-1231	p	55500.9166	0.0006	-0.0006	16	RD	V; el: 2453719.742 + 0.353829 * E
GSC 4734-713	p	55503.9240	0.0004	-0.0117	24	RD	V; el: 2454725.883 + 0.465621 * E
GSC 5294-1116	p	55484.8774	0.0002	+0.0020	35	RD	V; el: 2455093.796 + 0.360110 * E
GSC 5303-939	s	55497.8809	0.0007	-0.0046	36	RD	V; el: 2455057.899 + 0.568091 * E
GSC 5305-396	p	55559.6320	0.0004	-0.0238	23	RD	V; el: IBVS 5871

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24...	\pm	$O - C$	n	Obs	Remarks
GSC 5314-2102	p	55508.9031	0.0006	+0.0073	26	RD	V; el: 2455154.741 + 0.464770 * E
GSC 5314-2225	p	55511.9319	0.0006	+0.0003	15	RD	V; el: 2454610.533 + 0.468259 * E
GSC 5321-819	s	55500.8517	0.0005	-0.0034	24	RD	V; el: 2454838.739 + 0.353789 * E; d=0.027d
GSC 5322-2251	p	55513.8963	0.0004	+0.0109	22	RD	V; el: 2453478.481 + 0.489633 * E
GSC 5325-728	s	55506.9373	0.0006	+0.0067	18	RD	V; el: 2454519.622 + 0.431045 * E; d=0.04d
GSC5863-584	p	55543.6879	0.0005	+0.0058	27	RD	V; el: 2453651.711 + 0.366590 * E
TZ Gem	p	55538.8603	0.0010	-0.0007	24	RD	V; el: 2450047.6324 + 1.6777356 * E
WW Gem	s	55538.8724	0.0005	+0.0211	34	RD	V
AI Gem	s	55545.8804	0.0005	-0.0058	23	RD	V; el: 2451879.5741 + 0.7242098 * E
BT Gem	p	55528.9195	0.0004	-0.0082	42	RD	V
CV Gem	p	55542.887	0.003	+0.162	15	RD	V
DP Gem	p	55527.9162	0.0006	+0.1021	21	RD	V; d=0.04d
EN Gem	p	55542.8649	0.0008	-0.0436	19	RD	V; d=0.06d
FO Gem	p	55545.8693	0.0005	+0.2465	26	RD	V
GX Gem	s	55542.8837	0.0005	-0.0374	31	RD	V; el: OEJV 83
IN Gem	p	55542.813	0.005	-0.109	7	RD	V
KQ Gem	p	55533.8903	0.0006	-0.0852	19	RD	V
KV Gem	p	55544.9242	0.0004	+0.0238	21	RD	V; el: IBVS 5894; d=0.025d
V372 Gem	p	55545.8715	0.0010	-0.0402	18	RD	V; el: IBVS 5277
V380 Gem	p	55532.9093	0.0002	-0.0045	22	RD	V
V383 Gem	p	55544.8514	0.0002	-0.0023	18	RD	V; el: IBVS 5630
GSC 754-384	p	55539.8542	0.0005	+0.0057	18	RD	V; el: 2454886.605 + 0.317571 * E
	s	55540.0124	0.0015	+0.0051	6	RD	V
GSC 1328-1420	p	55538.8704	0.0004	+0.0005	22	RD	V; el: 2453765.648 + 0.302856 * E
GSC 1338-1529	p	55542.9199	0.0004	+0.0194	41	RD	V; el: 2453338.753 + 0.888053 * E; d=0.03d
GSC 1338-1984	s	55533.9534	0.0004	+0.0362	25	RD	V; el: OEJV 91
	p	55538.9432	0.0003	+0.0354	32	RD	V
GSC 1343-2440	s	55543.9518	0.0009	+0.0109	29	RD	V; el: 2453716.713 + 0.644184 * E
GSC 1352-763	p	55543.9395	0.0006	+0.0093	30	RD	V; el: 2454480.649 + 1.506064 * E
GSC 1369-98	s	55559.9295	0.0003	-0.0170	32	RD	V; el: 2453327.814 + 0.956970 * E
GSC 1864-1065	p	55523.9287	0.0004	-0.0064	25	RD	V; el: 2454089.641 + 0.361830 * E
GSC 1888-1148	s	55533.9404	0.0002	+0.0187	25	RD	V; el: IBVS 5945
GSC 1894-2977	p	55544.8876	0.0006	+0.0212	19	RD	V; el: IBVS 5945
NSV 3014	p	55532.9298	0.0004	+0.0350	37	RD	V; el: 2451565.855 + 2.44879 * E
TZ Lac	p	55484.7461	0.0012	+0.3615	26	RD	V
BP Lac	p	55484.6704	0.0009	-0.0402	27	RD	V
HR Lac	s	55469.6614	0.0005	-0.1094	19	RD	V
HW Lac	p	55480.6282	0.0016	-0.0444	32	RD	V
HX Lac	s	55477.745	0.003	+0.021	9	RD	V
HZ Lac	p	55476.7322	0.0015	+0.0356	27	RD	V
LY Lac	p	55469.7260	0.0002	+0.2292	22	RD	V
V344 Lac	p	55484.7156	0.0005	+0.0215	26	RD	V; el: BBSAG Bull. 127, 10
V441 Lac	p	55477.7211	0.0010	+0.0866	19	RD	V
RR Lep		55513.8586	0.0002	-0.0408	25	RD	V
GSC 5330-664	p	55526.9025	0.0003	-0.0352	21	RD	V; el: 2453806.568 + 0.298106 * E; d=0.014d
GSC 5345-815	s	55517.8821	0.0006	+0.0071	22	RD	V; el: 2454474.724 + 0.308853 * E; d=0.02d
GSC 5352-540	s	55523.9349	0.0004	+0.0038	19	RD	V; el: 2453666.814 + 0.515651 * E
GSC 5358-917	p	55518.9443	0.0001	+0.0006	25	RD	V; el: IBVS 5871; d=0.024d
NSV 2698	p	55528.9207	0.0004	+0.0080	21	RD	V; el: IBVS 5894; d=0.13:d
SX Lyn	p	55559.8814	0.0003	+0.0100	27	RD	V
RU Mon	s	55527.799:	0.008	-0.548	32	RD	V; non-circ.
XZ Mon	p	55543.8516	0.0002	+0.0214	20	RD	V
CC Mon	p	55538.8876	0.0003	+0.0362	33	RD	V; el: 2454832.752 + 1.619494 * E
CK Mon	p	55543.9125	0.0002	+0.2000	40	RD	V
CP Mon	p	55545.9528	0.0008	+0.0186	26	RD	V
EI Mon	p	55544.9255	0.0010	-0.0158	34	RD	V
GU Mon	p	55542.9187	0.0003	-0.0749	42	RD	V
V396 Mon	p	55533.8470	0.0002	-0.0840	17	RD	V; d=0.029d
V451 Mon	p	55533.8614	0.0017	+0.0737	26	RD	V
V507 Mon	p	55544.9351	0.0006	-0.0395	21	RD	V

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24...	\pm	$O - C$	n	Obs	Remarks
V527 Mon	p	55543.9261	0.0003	-0.0273	36	RD	V
V560 Mon	p	55543.8592	0.0016	-0.1521	23	RD	V; close double
V714 Mon	p	55533.8936	0.0002	-0.0327	30	RD	V; el: IBVS 4468; d=0.016d
V843 Mon	p	55545.9230	0.0005	+0.0064	41	RD	V; el: IBVS 5168; d=0.027d
GSC 4781-1094	p	55532.9541	0.0008	+0.0269	28	RD	V; el: 2454412.826 + 5.803633 * E
GSC 4796-1108	p	55532.9237	0.0005	-0.0058	20	RD	V; el: 2454517.621 + 0.391105 * E
GSC 4833-115	p	55559.9058	0.0016	-0.0028	11	RD	V; el: 2454233.536 + 0.252258 * E
GSC 5382-452	p	55539.8651	0.0003	-0.0020	19	RD	V; el: 2454950.513 + 0.375624 * E
GSC 5383-58	s	55544.8974	0.0005	+0.0231	33	RD	V; el: 2454595.475 + 0.424123 * E; d=0.037d
GSC 5384-975	s	55545.9037	0.0002	+0.0076	31	RD	V; el: 2454727.887 + 0.472428 * E
NSV 3180	s	55539.8981	0.0004	+0.0039	31	RD	V; el: 2454418.846 + 2.946250 * E
UW Ori	s	55539.8512	0.0006	+0.0437	18	RD	V; el: Chin. AA 14, 298; d=0.075d
DW Ori	p	55523.9565	0.0006	+0.0106	27	RD	V; el: 2451177.303 + 0.9166265 * E
EF Ori	s	55523.8966	0.0013	-0.0026	44	RD	V; el: IBVS 5699
FF Ori	p	55517.8463	0.0013	+0.0354	17	RD	V
GG Ori	p	55526.8533	0.0005	+0.0860	21	RD	V; non-circ.
PQ Ori	p	55517.8582	0.0003	-0.0107	27	RD	V; el: 2454469.658 + 0.663005 * E; d=0.039d
V519 Ori	p	55528.8576	0.0007	+0.0110	17	RD	V; el: 2451460.83 + 1.395546 * E
V536 Ori	p	55539.9244	0.0005	+0.0125	27	RD	V; el: 2452722.529 + 6.317002 * E
V641 Ori	p	55528.9581	0.0001	-0.0066	26	RD	V; el: IBVS 5920
V648 Ori	s	55503.9434	0.0006	+0.0641	18	RD	V
V1353 Ori	s	55518.9032	0.0005	-0.0039	38	RD	V; el: IBVS 5313
V1626 Ori	p	55528.8671	0.0008	-0.0040	24	RD	V; el: IBVS 5339
V1633 Ori	p	55523.8906	0.0003	-0.0019	27	RD	V; el: BAV Mitt. 125
V1799 Ori	s	55506.9248	0.0003	+0.0048	14	RD	V; el: 2454437.734 + 0.290303 * E
V1824 Ori	p	55538.8461	0.0005	+0.0164	19	RD	V; el: IBVS 5871
GSC 85-1357	s	55508.8129	0.0004	+0.0251	13	RD	V; el: 2454441.763 + 0.283972 * E
	p	55508.9526	0.0005	+0.0232	13	RD	V
GSC 89-1424	p	55513.8806	0.0008	+0.0197	20	RD	V; el: 2453443.560 + 0.518223 * E
GSC 93-668	s	55513.8524	0.0002	-0.0051	15	RD	V; el: 2454143.580 + 0.314392 * E
GSC 103-738	p	55526.9343	0.0004	-0.0031	24	RD	V; el: 2454349.879 + 0.338527 * E
GSC 103-894	s	55526.8793	0.0002	+0.0001	21	RD	V; el: 2454423.748 + 0.295706 * E
GSC 111-1902	p	55526.8816	0.0004	+0.0018	14	RD	V; el: 2455082.903 + 0.314654 * E
GSC 128-980	p	55517.9358	0.0005	-0.0011	42	RD	V; el: 2454556.538 + 0.490760 * E; d=0.03d
GSC 709-1047	p	55518.8906	0.0003	-0.0033	18	RD	V; el: 2454412.777 + 0.266727 * E
GSC 730-243	p	55532.9228	0.0005	+0.0186	34	RD	V; el: 2454133.659 + 0.377664 * E
GSC 730-2307	p	55523.8843	0.0011	-0.0226	26	RD	V; el: 2453831.483 + 0.479712 * E
GSC 1315-1104	p	55538.8989	0.0004	+0.0041	36	RD	V; el: 2453779.645 + 0.763232 * E
GSC 1322-294	p	55532.9103	0.0004	+0.0044	17	RD	V; el: 2453327.756 + 0.287841 * E
GSC 4754-17	p	55513.8845	0.0009	+0.0012	23	RD	V; el: 2454371.873 + 0.548516 * E
GSC 4766-69	s	55517.9070	0.0003	+0.0067	16	RD	V; el: 2455122.848 + 0.274628 * E
GSC 4772-934	s	55527.9138	0.0002	+0.0112	31	RD	V; el: 2453744.662 + 1.295489 * E
GSC 4780-344	s	55527.9255	0.0003	-0.0034	18	RD	V; el: 2454532.562 + 0.322595 * E
GSC 4783-266	p	55527.9392	0.0008	+0.0143	33	RD	V; el: 2454334.921 + 0.611170 * E; d=0.037d
GSC 4783-467	p	55532.9297	0.0002	+0.0109	22	RD	V; el: 2454519.566 + 0.346327 * E
GSC 4783-2332	s	55523.9326	0.0002	+0.0004	15	RD	V; el: 2454702.918 + 0.248078 * E
GSC 5346-275	p	55527.9418	0.0004	+0.0087	16	RD	V; el: 2454461.732 + 0.344269 * E
U Peg	p	55501.7043	0.0003	-0.1395	24	RD	V
BO Peg	p	55383.8329	0.0005	-0.0309	24	RD	V
BW Peg	p	55383.8496	0.0005	+0.0233	15	RD	V; el: 2454656.807 + 1.58392 * E
BX Peg	p	55383.7904	0.0007	-0.0036	17	RD	V; el: IBVS 5668
CC Peg	p	55383.7557	0.0006	-0.0068	16	RD	V; el: 2449999.364 + 0.605601 * E
CW Peg	p	55476.7546	0.0015	+0.0442	16	RD	V
EU Peg	p	55500.7279	0.0004	+0.0401	19	RD	V
GH Peg	s	55476.734	0.003	+0.008	24	RD	V
GP Peg	p	55506.6930	0.0003	-0.0468	26	RD	V
V396 Peg	p	55501.6666	0.0011	-0.0079	23	RD	V; el: IBVS 5186
GSC 566-150	s	55484.7209	0.0008	+0.0055	25	RD	V; el: 2455088.664 + 0.397044 * E; d=0.02d
GSC 1141-480	p	55469.6662	0.0003	-0.0025	18	RD	V; el: IBVS 5920
GSC 1145-1104	p	55476.687	0.003	-0.010	15	RD	V; el: 2453704.537 + 1.06500 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	\pm	$O - C$	n	Obs	Remarks
GSC 1166-399	s	55500.6692	0.0004	+0.0040	18	RD	V; el: 2454386.694 + 0.316604 * E
GSC 1169-1244	p	55508.6967	0.0004	+0.0098	12	RD	V; el: 2454373.677 + 0.273233 * E
GSC 1173-844	p	55501.6907	0.0004	-0.0006	26	RD	V; el: 2453671.567 + 0.758458 * E
GSC 1174-344	p	55501.7209	0.0002	+0.0055	27	RD	V; el: IBVS 5920; d=0.03d
GSC 1178-1208	p	55513.7145	0.0003	+0.0013	20	RD	V; el: IBVS 5920
GSC 1670-251	p	55469.6874	0.0002	+0.0027	23	RD	V; el: 2453336.523 + 0.330569 * E
GSC 1685-588	p	55477.7274	0.0008	-0.0086	30	RD	V; el: 2453338.560 + 0.960564 * E
	p	55478.6857	0.0007	-0.0109	37	RD	V; d=0.06d
GSC 1686-1001	p	55484.7082	0.0018	+0.0021	23	RD	V; el: IBVS 5920
GSC 1694-992	s	55480.6783	0.0001	+0.0023	15	RD	V; el: IBVS 5920; d=0.01d
GSC 1715-1370	s	55497.6997	0.0002	+0.0038	37	RD	V; el: IBVS 5920
GSC 1716-1457	s	55503.6827	0.0003	+0.0168	39	RD	V; el: IBVS 5920; D=0.031d
GSC 1718-1664	p	55497.7251	0.0006	+0.0025	23	RD	V; el: IBVS 5920
GSC 1719-1034	p	55503.6908	0.0001	+0.0045	27	RD	V; el: 2454647.875 + 0.673337 * E
GSC 2188-568	s	55383.7525	0.0004	-0.0148	17	RD	V; el: 2454993.873 + 0.352049 * E
GSC 2189-1101	s	55383.7800	0.0008	-0.0023	12	RD	V; el: 2452937.585 + 0.239788 * E
GSC 2203-1663	s	55476.7215	0.0004	-0.0001	24	RD	V; el: 2453866.911 + 0.422024 * E; d=0.043d
GSC 2226-2148	s	55478.6907	0.0004	+0.0205	24	RD	V; el: IBVS 5920
	p	55480.7192	0.0007	+0.0225	21	RD	V
GSC 2244-1064	s	55497.6946	0.0003	+0.0013	42	RD	V; el: IBVS 5920; d=0.023d
GSC 2258-1489	p	55503.6511	0.0002	-0.0657	34	RD	V; el: IBVS 5920; d=0.017d
GSC 2755-2136	p	55500.6970	0.0010	+0.0258	15	RD	V; el: OEJV 83
GSC 2766-775	p	55508.6927	0.0004	+0.0644	18	RD	V; el: IBVS 5920
GSC 2766-1184	p	55500.6750	0.0007	-0.0314	24	RD	V; el: IBVS 5920
	p	55508.6888	0.0006	-0.0359	29	RD	V; d=0.04d
WY Per	p	55497.8928	0.0002	-0.1861	35	RD	V; d=0.03d
XZ Per	p	55502.8443	0.0002	-0.0541	32	RD	V
BR Per	p	55502.8029	0.0027	-0.2072	10	RD	V; el: PZ 24, 80
BY Per	p	55533.6567	0.0004	+0.0239	39	RD	V
CH Per	p	55538.6312	0.0012	-0.0788	19	RD	V; d=0.04d
DK Per	p	55538.6720	0.0008	-0.0405	32	RD	V; el: IBVS 3875
DZ Per	p	55478.8929	0.0015	+0.0301	38	RD	V
EQ Per	p	55484.9357	0.0020	+0.5685	33	RD	V
FQ Per	p	55511.927	0.003	+0.727	25	RD	V; d=0.12d
HW Per	p	55498.9097	0.0001	+0.0041	34	RD	V; el: IBVS 4516; d=0.020d
II Per	p	55500.9141	0.0002	-0.0017	21	RD	V; el: IBVS 5741
IK Per	p	55500.8595	0.0003	-0.1845	27	RD	V
IM Per	p	55508.8225	0.0021	+0.0986	51	RD	V
IT Per	p	55543.6945	0.0003	-0.0118	37	RD	V
KL Per	p	55543.6278	0.0009	+0.1327	16	RD	V
KN Per	p	55559.770	0.002	+0.009	28	RD	V; el: Krakau Cat.
LS Per	p	55480.8696	0.0009	-0.5287	34	RD	V; d=0.056d
MS Per	p	55513.8925	0.0007	+0.0034	39	RD	V; el: 2451511.615 + 2.779357 * E
NP Per	s	55503.8555	0.0003	-0.0557	31	RD	V
PS Per	p	55484.9164	0.0001	+0.0648	39	RD	V
QT Per	p	55480.9170	0.0004	-0.0456	34	RD	V; el: MVS 11, 65
QV Per	p	55559.6999	0.0007	-0.0514	24	RD	V
V365 Per	p	55500.8995	0.0020	-0.0098	27	RD	V
V432 Per	p	55484.8719	0.0001	-0.0100	36	RD	V; el: BAV Mitt. 61
V434 Per	s	55497.8428	0.0024	+0.1928	37	RD	V
V457 Per	p	55480.9093	0.0004	+0.0208	21	RD	V
V482 Per	p	55476.9168	0.0012	+0.2252	16	RD	V; el: BAV Mitt. 68, 21
V514 Per	p	55497.8417	0.0008	+0.1065	36	RD	V; el: IBVS 5357
V680 Per	s	55543.6134	0.0003	-0.0028	11	RD	V; el: 2452996.6731 + 0.373973 * E
V732 Per	s	55513.8307	0.0003	-0.0136	14	RD	V; el: 2451455.805 + 4.506429 * E
V737 Per	p	55500.9403	0.0004	+0.1078	16	RD	V; el: IBVS 5894
GSC 2853-18	s	55484.9228	0.0003	-0.0090	30	RD	V; el: IBVS 5901
GSC 2859-900	p	55484.8942	0.0006	-0.0559	26	RD	V; el: OEJV 91; d=0.04d
GSC 3708-1325	s	55480.9263	0.0009	+0.0890	35	RD	V; el: IBVS 5920; non-circ.

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	\pm	$O - C$	n	Obs	Remarks
SX Psc	p	55528.7334	0.0002	-0.0012	25	RD	V; d=0.025d
UW Psc	s	55527.6808	0.0019	+0.2747	48	RD	V
VZ Psc	s	55498.7169	0.0008	+0.0114	22	RD	V; el: ApJS 58, 413
CP Psc	p	55528.6505	0.0002	-0.0590	20	RD	V; el: Hipparcos
DS Psc	s	55527.6821	0.0005	+0.0714	20	RD	V; el: IBVS 4424
DZ Psc	s	55511.7019	0.0004	+0.0298	22	RD	V; el: IBVS 4910; d=0.031d
GSC8-448	s	55506.7470	0.0006	+0.0123	11	RD	V; el: IBVS 5920
GSC14-479	s	55523.6671	0.0004	+0.0205	34	RD	V; el: IBVS 5920; d=0.026d
GSC18-1214	p	55528.7377	0.0004	+0.0075	24	RD	V; el: 2453705.635 + 0.401386 * E; d=0.025d
GSC575-429	p	55497.6837	0.0001	-0.0021	42	RD	V; el: IBVS 5920
GSC577-364	p	55500.7149	0.0003	+0.0019	20	RD	V; el: 2454644.918 + 0.948775 * E
GSC611-249	p	55528.6680	0.0002	+0.0085	25	RD	V; el: 2453617.755 + 0.316742 * E
GSC611-829	p	55527.5785	0.0008	-0.0038	5	RD	V; el: 2453603.775 + 0.287952 * E
	s	55527.7241	0.0003	-0.0021	30	RD	V
GSC1179-501	p	55526.7396	0.0006	+0.0208	18	RD	V; el: 2453699.584 + 0.376962 * E
GSC1183-1110	p	55526.7289	0.0007	+0.0365	23	RD	V; el: 2453620.697 + 0.649181; d=0.06d
GSC1194-613	p	55526.7091	0.0007	+0.0005	17	RD	V; el: 2453344.599 + 0.375837 * E
GSC1747-967	p	55528.6603	0.0001	-0.0019	35	RD	V; el: 2454291.871 + 0.494321 * E
GSC1762-103	p	55477.8265	0.0003	-0.0180	25	RD	V; el: 2452872.842 + 0.289284 * E
GSC5260-80	p	55511.6603	0.0004	+0.0041	32	RD	V; el: 2454352.754 + 0.386172 * E
GSC5420-2341	s	55559.9353	0.0021	+0.0067	22	RD	V; el: 2454534.557 + 0.685638 * E
RZ Tau	s	55503.8777	0.0002	+0.0620	38	RD	V
TY Tau	s	55544.6673	0.0009	+0.2535	18	RD	V
AH Tau	s	55498.8825	0.0002	+0.0158	39	RD	V; el: IBVS 5554; d=0.015d
AN Tau	p	55559.7167	0.0010	+0.0020	33	RD	V; el: Krakau Cat.
AP Tau	s	55506.9316	0.0006	+0.0260	18	RD	V
BV Tau	p	55527.8925	0.0005	-0.0027	37	RD	V; el: IBVS 5920; d=0.078d
CR Tau	p	55527.9158	0.0003	-0.0026	31	RD	V; el: IBVS 4778; d=0.021d
CU Tau	p	55498.9060	0.0020	+0.0063	25	RD	V; el: AJ 130, 224
EQ Tau	p	55498.8846	0.0005	-0.0253	50	RD	V
GR Tau	s	55545.7058	0.0010	-0.0311	34	RD	V
GW Tau	p	55506.8761	0.0008	-0.0830	21	RD	V
IV Tau	p	55545.6719	0.0003	-0.0201	31	RD	V
V781 Tau	s	55527.8628	0.0004	-0.0019	15	RD	V; el: 2454501.588 + 0.344909 * E
V1022 Tau	p	55476.8579	0.0013	-0.0690	24	RD	V; el: PASP 101, 177
V1112 Tau	s	55502.8711	0.0014	-0.0021	20	RD	V; el: IBVS 5871
V1123 Tau	p	55497.8738	0.0003	-0.0010	37	RD	V; el: IBVS 5688
V1220 Tau	s	55559.7543	0.0015	-0.0575	20	RD	V; el: IBVS 5455
V1222 Tau	p	55544.6299	0.0007	+0.0011	14	RD	V; el: 2454829.555 + 0.295363 * E
	s	55544.7776	0.0018	+0.0011	8	RD	V
V1223 Tau	p	55544.6925	0.0008	+0.0026	27	RD	V; el: IBVS 5920
V1249 Tau	s	55508.9353	0.0003	-0.0076	17	RD	V; el: IBVS 5894
	p	55511.9058	0.0004	-0.0077	26	RD	V
A054432+1305.7	s	55517.9353	0.0003	-0.0011	18	RD	V; el: IBVS 5945
GSC 67-348	s	55544.6742	0.0005	+0.0055	11	RD	V; el: IBVS 5920
GSC 72-521	p	55498.9062	0.0002	+0.0076	51	RD	V; el: IBVS 5945; d=0.01d
GSC 74-465	p	55511.7952	0.0006	-0.0049	7	RD	V; el: 2454146.555 + 0.300417 * E
	s	55511.9460	0.0008	-0.0043	11	RD	V
GSC 76-527	s	55498.8733	0.0005	+0.0007	32	RD	V; el: IBVS 5945
GSC 650-1226	s	55497.8850	0.0002	+0.0128	34	RD	V; el: IBVS 5945
GSC 658-185	p	55559.7006	0.0002	+0.0050	29	RD	V; el: IBVS 5920
GSC 659-262	s	55476.8800	0.0003	-0.0120	28	RD	V; el: IBVS 5290; d=0.026d
GSC 661-580	s	55502.8721	0.0004	+0.0008	31	RD	V; el: IBVS 5945; d=0.02d
GSC 663-23	s	55545.6999	0.0004	-0.0051	37	RD	V; el: IBVS 5920; d=0.034d
GSC 664-423	p	55502.9092	0.0008	-0.0026	27	RD	V; el: IBVS 5945
GSC 681-692	p	55506.7835	0.0008	-0.0010	5	RD	V; el: IBVS 5945
	s	55506.9092	0.0004	+0.0010	17	RD	V
GSC 1256-188	p	55559.6403	0.0003	+0.0089	28	RD	V; el: IBVS 5920; d=0.025d
GSC 1274-564	s	55511.8924	0.0005	+0.0095	26	RD	V; el: 2453327.726 + 0.357151 * E; d=0.02d
GSC 1293-1162	p	55506.9345	0.0004	+0.0278	18	RD	V; el: 2454506.559 + 0.488451 * E

Table 1: Minima of eclipsing binaries (continued)

Variable	Type	HJD 24. . .	\pm	$O - C$	n	Obs	Remarks
GSC 1304-227	s	55517.8420	0.0008	+0.0027	21	RD	V; el: 2454522.569 + 0.365438 * E
GSC 1822-314	p	55498.8765	0.0009	+0.0205	44	RD	V; el: OEJV 91
GSC 1831-687	p	55502.9003	0.0006	+0.0056	32	RD	V; el: 2453601.922 + 0.316249 * E
GSC 1841-879	p	55476.8614	0.0018	-0.1195	17	RD	V; el: IBVS 5920
GSC 1848-1264	s	55517.9585	0.0004	+0.0062	30	RD	V; el: IBVS 5699
GSC 1852-1665	s	55518.8590	0.0001	+0.0066	22	RD	V; el: 2453348.716 + 0.307363 * E
RW Tri	p	55533.7179	0.0005	-0.0045	9	RD	V
ST Tri	p	55543.6587	0.0003	-0.0014	24	RD	V; el: IBVS 5609; d=0.026d
VW Tri	s	55532.6606	0.0005	-0.0594	19	RD	V; el: MVS 11, 1
VZ Tri	s	55532.6630	0.0003	-0.0107	32	RD	V; el: OEJV 107
AK Tri	s	55478.9344	0.0005	+0.1034	40	RD	V; el: IBVS 4427
BK Vul	p	55469.6674	0.0009	-0.0077	22	RD	V; el: ASAS
DZ Vul	p	55478.6470	0.0004	-0.0043	37	RD	V; el: 2454716.661 + 1.594122 * E

Observers:

RD : R. Diethelm Rodersdorf, Switzerland;
R. Szafraniec Obs. operated at Astrokolchhoz Obs., Cloudcroft, N.M., USA
EBI : E. Blättler Wald, Switzerland

References:

- Agerer, F., 1992, *IBVS*, No. 3797 (*BAV Mitt.*, **61**)
Agerer, F., 1994, *BAV Mitt.*, **68**, 21
Agerer, F., 1996, *IBVS*, No. 4406
Agerer, F., 1999, *IBVS*, No. 4778
Agerer, F. et al., 1999, *IBVS*, No. 4798
Agerer, F., Hübscher, J., 2001, *IBVS*, No. 5016
Agerer, F., Lichtenknecker, D., 1991, *IBVS*, No. 3554
Behrend, R. et al., 2002, *IBVS*, No. 5219
Berdnikov, L. N., 1993, *Perem. Zvezdy*, **23**, 80
Bernhard, K. et al., 2001, *IBVS*, No. 5168
Blättler, E., 2002, *BBSAG Bull.*, **127**, 10
Blättler, E., Diethelm, R., 2001a, *IBVS*, No. 5125
Blättler, E., Diethelm, R., 2001b, *IBVS*, No. 5151
Blättler, E., Diethelm, R., 2002, *IBVS*, No. 5269
Blättler, E., Diethelm, R., 2006, *IBVS*, No. 5699
Borkovits, T. et al., 2002, *IBVS*, No. 5313
Bradstreet, D. H., 1985, *ApJ Suppl.*, **58**, 413
Brat L. et al., 2005, *IBVS*, No. 5700
Brat L. et al., 2009, *OEJV*, No. 107
Byboth, K. N. et al., 2004, *IBVS*, No. 5554
Diethelm, R., 1990, *BBSAG Bull.*, **96**, 10
Diethelm, R., 2009a, *IBVS*, No. 5871
Diethelm, R., 2009b, *IBVS*, No. 5894
Diethelm, R., 2010a, *IBVS*, No. 5920
Diethelm, R., 2010b, *IBVS*, No. 5945
Djurasevic, G. et al., 1998, *A&A Suppl.*, **131**, 17
Evans, E. III et al., 1985, *PASP*, **97**, 648
Garcia-Lastra, A. et al., 2003, *IBVS*, No. 5455

- Gessner, H., 1987, *MVS*, **11**, 65
Gomez-Forrellad, J.M., Garcia-Melendo E., 2002, *IBVS*, No. 5277
Gomez-Forrellad, J.M., Garrigos Sanchez A., 1997, *IBVS*, No. 4427
Guarro-Flo, J. et al., 1995, *IBVS*, No. 4245
Kleidis, S. et al., 2008, *Perem. Zvezdy*, **28**, 2
Krajci, T., 2007, *IBVS*, No. 5806
Khruslov, A. V., 2005, *IBVS*, No. 5699
Lacy, C., 2002, *IBVS*, No. 5357
Lewandowski, M. et al., 2009, *OEJV*, No. 104
Liu Q. et al., 1994, *IBVS*, No. 4104
Lister, T.A., McDermid, R.M., Hilditch, R.W., 2000, *MNRAS*, **317**, 111
Lloyd, C. et al., 2002, *IBVS*, No. 5339
Meinunger, L., 1986, *MVS*, **11**, 1
Metcalfe, T., 1997, *IBVS*, No. 4482
Moschner, W. et al., 1997, *IBVS*, No. 4468
Moschner, W. et al., 2001, *IBVS*, No. 5186
Nakamura, Y., Kontoh, N., 1991, *IBVS*, No. 3666
Nelson, R., 2006, *IBVS*, No. 5699
Otero, S. A. et al., 2004a, *IBVS*, No. 5557
Otero, S. A. et al., 2004b, *IBVS*, No. 5570
Otero, S. A. et al., 2005, *IBVS*, No. 5586
Otero, S. A., Wils, P., 2005, *IBVS*, No. 5630
Otero, S. A., 2007, *OEJV*, No. 72
Otero, S. A., 2008a, *OEJV*, No. 83
Otero, S. A., 2008b, *OEJV*, No. 91
Ozdarcan, O. et al., 2006, *IBVS*, No. 5688
Paschke, A., 2009, *OEJV*, No. 116
Pejcha, O. et al., 2001, *IBVS*, No. 5132
Pensado, J., Lahulla, J.F., 1989, *PASP*, **101**, 177
Pribulla, T. et al., 2005, *IBVS*, No. 5668
Qian, S. B. et al., 2005, *AJ*, **130**, 224
Ragazzoni, R., Barbieri, C., 1996, *IBVS*, No. 4293
Samec, R. G. et al., 1997, *IBVS*, No. 4516
Samec, R.G. et al., 2005a, *IBVS*, No. 5609
Samec, R.G. et al., 2005b, *IBVS*, No. 5610
Samec, R.G. et al., 2009, *IBVS*, No. 5901
Samolyk, G., 1992, *JAAVSO*, **21**, 34
Samus, N.N. et al., 2009, General catalogue of Variable Stars
Verrot, J.P., Van Cauteren, P., 2000, *IBVS*, No. 4910
Vidal-Sainz, J.M. et al., 1997, *IBVS*, No. 4424
Zakirov, M.M., Azimov, A.A., 1993, *IBVS*, No. 3875
Zejda, M., Mikulasek, Z., Wolf, M., 2006, *IBVS*, No. 5741
Zhang, J. et al., 1985, *IBVS*, No. 2652
Zhang, R. et al., 1990, *Chin. AA*, **14**, 298
Zhang, R. et al., 1994, *IBVS*, No. 4099

ERRATA FOR IBVS 5960

The TOM of GSC 4833-1925 is missing: 55559.9426.

The GSC 1338-1529 label is erroneous, instead it should read GSC 1338-1539.

Dr. Roger Diethelm