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TIMINGS OF MINIMA OF ECLIPSING BINARIES

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The following Table is my last list of timings of minima of eclipsing binaries secured by CCD photometry, obtained in the second half of 2013. To obtain these data, several telescopes operated by iTelescope.com in Spain, New Mexico (USA) and Australia were used. The given $O - C$ values generally refer to the linear elements of the newest electonic version of the GCVS (Samus et al., 2013), 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...	$O-C$	n	Remarks
GSC 5248-1194 Aqr	p	56571.915(5)	−0.005	34	V; el: 54452.583 + 0.7896189 × E
GSC 5821-87 Aqr	p	56575.9369(4)	+0.0009	34	V; el: IBVS 6011
GSC 5822-1040 Aqr	p	56529.2181(2)	+0.0010	60	V; el: 54753.615 + 0.889580 × E
GSC 5830-845 Aqr	p	56560.1184(2)	−0.0139	55	V; el: 54331.761 + 0.439868 × E
GSC 6385-1045 Aqr	p	56530.1367(2)	+0.0014	59	V; el: 53166.916 + 0.548293 × E
V871 Aql	p	56480.1838(2)	−0.1535	46	V; eccentric
V889 Aql	p	56491.5058(3)	+0.0045	54	V; el: Krakow Catalog; eccentric
GSC 497-590 Aql	p	56486.1895(2)	+0.0062	54	V; el: 54362.628 + 0.675861 × E
OQ Cam	p	56585.8951(29)	−0.0349	42	V; el: IBVS 6011
MM Cas	p	56602.7479(1)	+0.1054	60	V
NU Cas	p	56582.6582(3)	−0.0015	60	V; el: Krakow Catalog
NZ Cas	p	56587.824(9)	+0.007	55	V; el: Krakow Catalog
OX Cas	s	56540.5429(20)	+0.0346	61	V; eccentric
PV Cas	s	56477.8908(3)	−0.2426	64	V; eccentric
V364 Cas	s	56558.8560(13)	−0.0219	30	V
V381 Cas	p	56582.8282(1)	−0.0171	60	V; eccentric
V821 Cas	s	56530.5196(5)	−0.2092	64	V; el: IBVS 5386; eccentric
V1137 Cas	p	56526.7543(5)	−0.0293	49	V; eccentric
EK Cep	p	56523.5101(2)	+0.0107	19	V; eccentric
GS Cep	s	56559.8495(3)	+0.0009	53	V; el: IBVS 3596
NR Cep	s	56569.8168(6)	−0.0596	60	V
V796 Cep	s	56585.8106(4)	−0.0030	40	V; el: IBVS 6011
V919 Cep	s	56513.7281(5)	−0.0344	47	V; eccentric
GSC 4482-673 Cep	s	56557.8640(2)	+0.0053	70	V; el: OEJV 83
VV Cet	s	56525.3093(2)	−0.0055	52	V; el: 54247.936 + 0.5223945 × E
GSC 5278-346 Cet	p	56554.1228(1)	−0.0054	59	V; el: IBVS 6011
Y Cyg	s	56488.480(3)	+0.127	16	V; eccentric
MY Cyg	p	56448.872(5)	−0.007	71	V; eccentric

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Variable	Type	HJD 24...	$O-C$	n	Remarks
V498 Cyg	s	56494.517(3)	+0.178	35	V; eccentric
V974 Cyg	p	56466.5463(2)	−0.1695	97	V; eccentric
V1136 Cyg	s	56453.5311(6)	+0.3517	98	V; eccentric
V2281 Cyg	p	56490.4378(3)	+0.0082	28	V; el: 51460.801 + 1.07356 × E
YY Eri	s	56575.1357(2)	−0.0051	23	V; el: IBVS 5960
Y Gru	p	56563.0309(1)	−0.0066	56	V; el: 54641.885 + 1.7168476 × E
RX Gru	p	56546.0967(3)	+0.0064	37	V; el: 53732.563 + 0.7431398 × E
FN Her	p	56494.9519(6)	+0.0919	79	V
LV Her	p	56454.4575(1)	+0.0355	134	V; el: IBVS 5201; eccentric
V1059 Her	p	56456.7861(2)	+0.0153	90	V; el: 53477.795 + 0.749051 × E
RV Hyi	s	56586.0217(3)	+0.8464	50	V; el: Krakow Catalog; eccentric
CO Lac	p	56524.4899(3)	−0.0012	57	V; el: Krakow Catalog; eccentric
IL Lac	p	56495.5011(5)	+0.0042	48	V; el: IBVS 5621; eccentric
MZ Lac	s	56514.5166(3)	+0.0865	56	V; el: JAAVSO 19, 12; eccentric
OO Lac	p	56519.5008(4)	+0.1586	42	V
V364 Lac	s	56545.5051(28)	+0.1495	60	V; eccentric
RZ Mic	p	56520.0693(2)	−0.0104	80	V; el: 54759.575 + 3.9830423 × E
AH Mic	p	56523.0043(4)	−0.0440	77	V; el: 53656.53 +0.387315 × E
CY Mic	p	56526.018(5)	−0.010	52	V; el: 52908.598 + 1.6287393 × E
GV Nor	s	56465.9450(2)	−0.1786	90	V; el: Krakow Catalog; eccentric
WZ Oph	p	56491.0050(2)	+0.0031	72	V
V509 Oph	p	56470.799(3)	+0.051	60	V
V752 Oph	p	56455.8065(3)	−0.1406	63	V
EQ Per	p	56597.8500(3)	+0.6261	40	V
LS Per	p	56588.7932(9)	+0.0133	54	V; el: Krakow Catalog
V449 Per	p	56600.8248(3)	+0.0559	52	V
FY Psc	p	56604.7329(3)	+0.0001	38	V; el: 51486.775 + 0.3562053 × E
GSC 5254-59 Psc	s	56510.2397(2)	−0.0164	36	V; el: IBVS 6011
YY PsA	p	56555.1424(2)	+0.0077	50	V; el: 54437.558 + 1.8624245 × E
YY Sgr	s	56477.2091(3)	−0.2484	100	V; eccentric
V5565 Sgr	s	56466.043(3)	−0.469	82	V; el: Krakow Catalog; eccentric
GSC 5720-943 Sgr	s	56475.0578(7)	−0.0206	40	V; el: 54432.762 + 0.401596 × E
GSC 5700-639 Sct	s	56477.034(5)	0.009	100	V; el: 54550.871 + 2.403187 × E
V351 Tel	p	56501.9718(7)	+0.0350	76	V; el: 53490.874 + 6.4476719 × E; eccentric
CU Tuc	p	56589.9292(4)	−0.0034	58	V; el: 53175.927 + 0.8658396 × E
ZZ UMi	p	56470.7323(2)	+0.0041	76	V
FQ Vul	p	56482.8309(12)	+0.2862	43	V; eccentric
V495 Vul	p	56469.7300(2)	−0.0004	73	V

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