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MINIMA TIMES OF SELECTED ECLIPSING BINARIES

PARIMUCHA, Š.[1]; DUBOVSKÝ, P.[2]; KUDAK, V.[1]; PERIG, V.[3]

[1] Institute of Physics, Faculty of Science, P.J. Šafárik University in Košice, The Slovak Republic; e-mail: stefan.parimucha@upjs.sk

[2] Vihorlat Observatory in Humenné, The Slovak Republic; e-mail: var@kozmos.sk

[3] Laboratory of Space Research, Uzhhorod National University, Ukraine

Observatory and telescope:
Kolonica Observatory: ZIGA - 508/3454 Planewave CDK20, C11 - 280/2800 Celestron, C14 - 356/3910 Celestron EdgeHD, VNT 1000/9000 Cassegrain Uzhhorod Observatory: T400 - 400/1500 Newton, BRC-250/1268 Takahashi refractor

Detector:	G4 - Moravian Instruments G4-16000, G2 - Moravian Instruments G2-1600, FLI - FLI PL1001E, U9 - Apogee Alta U9

Method of data reduction:
All observations were reduced and photometry was performed using C-Munipack package (http://c-munipack.sourceforge.net/)

Method of minimum determination:
The minima times were computed by the method proposed in Mikulášek et al. (2006)

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
UU And	57259.5005	0.0005	I	V	ZIGA-G4
	57262.4723	0.0001	I	V	ZIGA-G4
	57326.3846	0.0002	I	V	ZIGA-G4
	57332.3301	0.0002	I	VI	ZIGA-G4
	57410.3555	0.0009	II	R	T400+FLI
AB And	57326.2448	0.0001	II	V	ZIGA-G4
AD And	57220.4121	0.0001	II	V	ZIGA-G4
	57326.4291	0.0002	I	V	ZIGA-G4
BD And	57223.3892	0.0003	I	V	ZIGA-G4
	57253.4779	0.0004	II	V	ZIGA-G4
	57265.5134	0.0001	II	V	ZIGA-G4
	57267.3649	0.0001	II	V	ZIGA-G4
EP And	56940.3681	0.0001	I	VR	C11+G2
	56959.5630	0.0002	II	VR	C11+G2
	57067.2588	0.0001	I	V	ZIGA-G4
GZ And	56510.4804	0.0002	I	V	C11+G2
	56905.4767	0.0002	I	VI	C11+G2
LO And	56917.5562	0.0001	I	V	C14+G2
	57215.4412	0.0001	I	V	ZIGA-G4
	57264.4465	0.0001	II	V	C11+G2
SS Ari	56942.5297	0.0006	I	VI	C11+G2
CL Aur	57326.4883	0.0002	II	V	ZIGA-G4
TY Boo	56432.3592	0.0007	II	VR	C11+G2
	57185.4219	0.0001	I	VI	ZIGA-G4
TZ Boo	57480.4528	0.0004	I	VR	ZIGA-G4
XY Boo	56401.4951	0.0007	I	VI	C11+G2
	57029.6075	0.0001	I	VI	C11+G2
AC Boo	57088.4916	0.0001	I	VI	C11+G2
	57135.5445	0.0001	I	VI	C11+G2
	57176.4290	0.0002	I	VI	ZIGA-G4
	57484.4752	0.0001	I	VI	C11+G2
GK Boo	57452.5398	0.0009	I		BRC+U9
SV Cam	56966.5348	0.0002	I	VI	C11+G2
AO Cam	56967.4707	0.0001	II	VI	C11+G2
	57098.2769	0.0001	I	V	C11+G2
	57327.5574	0.0001	I	VI	C11+G2
CD Cam	56746.3933	0.0003	I		C11+G2
	57102.4945	0.0003	I	V	C11+G2
	57122.3628	0.0004	I	VI	C11+G2
DN Cam	57102.3169	0.0008	I	BV	C11+G2
NR Cam	56958.4917	0.0002	I	VI	C11+G2
	56958.6175	0.0003	II	VI	C11+G2
	57029.4992	0.0001	II	R	C11+G2
	57065.4533	0.0002	II	V	ZIGA-G4
	57065.5806	0.0001	I	V	ZIGA-G4

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
NR Cam	57102.3000	0.0001	I	V	ZIGA-G4
	57065.4274	0.0001	II	V	ZIGA-G4
	57065.5560	0.0001	I	V	ZIGA-G4
TX Cnc	56709.4565	0.0002	I	VR	C11+G2
	57071.2804	0.0002	I	V	ZIGA-G4
EH Cnc	56629.6066	0.0003	I	VI	C11+G2
	57071.2579	0.0002	II	VI	C11+G2
BI CVn	56423.4374	0.0007	II	V	C11+G2
	57036.6389	0.0002	II	VI	C11+G2
	57070.4505	0.0001	II	VI	C11+G2
TW Cas	57251.4656	0.0001	I	V	ZIGA-G4
	57251.4656	0.0001	I	V	ZIGA-G4
	57266.4629	0.0003	I	VR	ZIGA-G4
BS Cas	56929.3988	0.0002	II	VI	C11+G2
	56959.5694	0.0005	I	VR	ZIGA-G4
	56967.2780	0.0002	II	VR	ZIGA-G4
	57245.4309	0.0001	I	VI	C11+G2
	57279.3462	0.0001	I	VI	C11+G2
CW Cas	56929.2859	0.0001	I	VI	C14+G2
	57214.5052	0.0001	II	VR	ZIGA-G4
	57246.5494	0.0001	I	VI	C14+G2
DO Cas	57326.2926	0.0001	I	V	ZIGA-G4
	57327.3201	0.0006	II	RI	ZIGA-G4
	57328.3470	0.0001	I	VR	ZIGA-G4
	57330.4008	0.0001	I	VR	ZIGA-G4
	57331.4296	0.0001	II	VR	ZIGA-G4
V523 Cas	56942.2958	0.0001	I	VI	C11+G2
	57328.2410	0.0001	I	VI	C11+G2
	57328.3588	0.0001	II	VI	C11+G2
VW Cep	57464.5077	0.0002	I		BRC+U9
	57472.5801	0.0004	I	B	T400+FLI
WZ Cep	57069.2614	0.0002	II	V	ZIGA-G4
	57069.4703	0.0002	I	V	ZIGA-G4
	57244.3759	0.0002	I	VI	C11+G2
GW Cep	56709.3311	0.0001	II	VR	C11+G2
	57068.3367	0.0002	II	V	ZIGA-G4
	57068.4954	0.0002	I	V	ZIGA-G4
	57105.3216	0.0001	II	V	ZIGA-G4
	57105.4809	0.0001	I	V	ZIGA-G4
	57244.4911	0.0001	I	VI	C11+G2
	57248.4769	0.0002	II	VR	ZIGA-G4
	57249.4333	0.0002	II	VR	ZIGA-G4
	57250.3900	0.0002	II	VR	ZIGA-G4
	57250.5490	0.0001	I	VR	ZIGA-G4

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
RW Com	56421.4720	0.0006	II	V	C11+G2
	57067.6530	0.0002	I	VR	C11+G2
	57071.4510	0.0002	II	V	ZIGA-G4
	57071.5685	0.0002	I	V	ZIGA-G4
RZ Com	57099.3183	0.0003	I	V	C11+G2
SS Com	56424.4098	0.0010	I	VI	C11+G2
CC Com	56423.3464	0.0002	I	V	C11+G2
	57067.5263	0.0002	I	V	ZIGA-G4
	57067.6362	0.0002	II	V	ZIGA-G4
	57098.4223	0.0002	I	V	ZIGA-G4
	57098.5320	0.0002	II	V	ZIGA-G4
	57477.4483	0.0001	II	VR	ZIGA-G4
V401 Cyg	57181.4211	0.0001	I	VI	ZIGA-G4
V1191 Cyg	56424.5123	0.0009	I	R	C11+G2
	56432.5028	0.0008	II	R	C11+G2
	56461.4929	0.0011	I	R	C11+G2
	56942.3915	0.0002	II	VI	C11+G2
	57180.4120	0.0003	I	VI	ZIGA-G4
V1918 Cyg	56420.4878	0.0007	I	VR	C11+G2
	56433.5004	0.0009	II	VR	C11+G2
	57154.4972	0.0002	II	VI	C11+G2
	57183.4197	0.0001	II	VI	ZIGA-G4
	57214.4073	0.0002	II	VI	C11+G2
	57241.4711	0.0001	I	VR	ZIGA-G4
	57242.5042	0.0001	II	VR	ZIGA-G4
BE Dra	57135.4101	0.0004	II	VI	C11+G2
	57188.4382	0.0002	I	VI	ZIGA-G4
CM Dra	56079.4780	0.0001	II		C14+G2
	56199.3429	0.0001	I		VNT+FLI
	56351.5499	0.0001	I		C14+G2
	56356.6234	0.0001	I		C14+G2
	56476.4852	0.0001	II		C14+G2
	56478.3884	0.0001	I		C14+G2
	56823.3899	0.0001	I		C14+G2
	57065.6537	0.0001	I		C14+G2
	57206.4448	0.0001	I		C14+G2
	57258.4488	0.0001	I		C14+G2
EF Dra	56787.5016	0.0004	II	VI	C11+G2
	57136.4913	0.0004	II	VI	C11+G2
	57188.4350	0.0003	I	VI	C11+G2
FU Dra	56541.3208	0.0001	II	V	C11+G2
	57085.4362	0.0003	II	V	C11+G2
	57099.3899	0.0002	I	V	ZIGA-G4
	57099.5444	0.0001	II	V	ZIGA-G4
	57214.4095	0.0001	I	VI	ZIGA-G4

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
AK Her	57461.5928	0.0002	I	R	T400+FLI
V728 Her	56421.3762	0.0018	I	VI	C11+G2
	57151.4160	0.0007	I	VI	C11+G2
	57221.4028	0.0002	II	VR	ZIGA-G4
	57184.4051	0.0002	I	VI	ZIGA-G4
	57240.4899	0.0001	I	VR	ZIGA-G4
	57255.3349	0.0003	II	V	ZIGA-G4
V829 Her	56433.4239	0.0006	I	V	C11+G2
	57154.3966	0.0002	I	VI	C11+G2
V857 Her	56429.4211	0.0022	II	VR	C11+G2
	57207.4502	0.0002	I	VI	C11+G2
V1024 Her	57452.5663	0.0006	I		BRC+U9
PP Lac	56540.3095	0.0002	I	V	C11+G2
	56943.4774	0.0002	I	VI	C11+G2
	57206.4406	0.0001	II	VI	ZIGA-G4
	57224.4922	0.0001	II	VR	ZIGA-G4
	57226.4981	0.0001	II	VR	ZIGA-G4
	57228.5037	0.0001	II	VR	ZIGA-G4
	57235.5236	0.0001	I	VR	ZIGA-G4
V344 Lac	56614.3740	0.0002	II		C14+G2
CE Leo	56993.4812	0.0004	II	VR	C11+G2
	57071.3991	0.0004	I	VI	C11+G2
RT LMi	56709.5948	0.0002	I	VR	C11+G2
	56744.4673	0.0002	I	V	C11+G2
	57068.3912	0.0002	I	VR	C11+G2
	57070.2649	0.0002	I	V	ZIGA-G4
	57070.4532	0.0002	II	V	ZIGA-G4
	57070.6398	0.0002	I	V	ZIGA-G4
	57091.2607	0.0002	I	V	ZIGA-G4
	57091.4488	0.0002	II	V	ZIGA-G4
UV Lyn	57482.3110	0.0001	II	B	T400+FLI
V714 Mon	56624.5981	0.0001	I	V	C11+G2
	57069.3544	0.0002	I	VI	C11+G2
V508 Oph	56463.4192	0.0004	I	R	C11+G2
	57105.5927	0.0001	II	V	C11+G2
	57185.4113	0.0001	I	VI	C11+G2
BB Peg	57243.4654	0.0002	II	VR	ZIGA-G4
	57246.3572	0.0002	II	VR	ZIGA-G4
	57243.5364	0.0002	I	VR	ZIGA-G4
BX Peg	56943.3347	0.0002	I	VI	C11+G2
	57214.4983	0.0001	I	VI	C11+G2
DI Peg	57327.2750	0.0002	I	VI	C11+G2
V432 Per	56957.5359	0.0002	I	VR	C11+G2
	56990.3088	0.0002	II	VR	ZIGA-G4
	56990.4995	0.0002	I	VR	ZIGA-G4

Times of minima:					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
V432 Per	56991.2662	0.0002	II	VR	ZIGA-G4
	56991.4589	0.0001	I	VR	ZIGA-G4
	57264.5491	0.0001	I	VI	C11+G2
V449 Per	57424.2593	0.0007	II	R	T400+FLI
DV Psc	56573.4163	0.0001	I	VR	C14+G2
	56956.3076	0.0001	I	VR	VNT+FLI
	56956.4638	0.0002	II	VR	VNT+FLI
	57279.3459	0.0002	I	VR	ZIGA-G4
	57283.3572	0.0002	I	VR	ZIGA-G4
	57287.3673	0.0002	II	VR	ZIGA-G4
	57287.5216	0.0002	I	VR	ZIGA-G4
EX Psc	56573.3387	0.0002	II	VR	C14+G2
	56573.4787	0.0004	I	VR	C14+G2
	56927.3706	0.0012	II	VR	VNT+FLI
	56927.5164	0.0012	I	VR	VNT+FLI
	56928.5294	0.0006	II	VR	VNT+FLI
	56956.3190	0.0003	II	VR	VNT+FLI
	56956.4633	0.0002	I	VR	VNT+FLI
	57279.3791	0.0009	II	VR	ZIGA-G4
	57283.4338	0.0007	II	VR	ZIGA-G4
	57287.3413	0.0013	II	VR	ZIGA-G4
	57287.4878	0.0008	I	VR	ZIGA-G4
AU Ser	56787.3675	0.0001	I	VR	C11+G2
	57246.3338	0.0001	II	VR	C11+G2
	57480.5515	0.0007	II	V	ZIGA-G4
AH Tau	57327.4187	0.0001	I	VI	C11+G2
CT Tau	57036.4846	0.0002	I	VI	C11+G2
EQ Tau	56905.5767	0.0002	I	VI	C11+G2
	57070.2768	0.0002	II	VI	C11+G2
XY UMa	57482.3782	0.0007	II	B	T400+FLI
AA UMa	57069.4640	0.0002	I	VI	C11+G2
	57332.5537	0.0002	I	VI	ZIGA-G4
	57479.5459	0.0002	I	VI	ZIGA-G4
HH UMa	56614.6573	0.0008	II	I	C11+G2
	57123.4527	0.0002	II	I	C11+G2
	57326.5954	0.0001	II	V	ZIGA-G4
	57480.3614	0.0001	I	V	ZIGA-G4
	57484.4910	0.0002	I	VR	ZIGA-G4
TV UMi	57258.4037	0.0007	I	VR	ZIGA-G4
	57263.3889	0.0008	I	VR	ZIGA-G4
	57264.4280	0.0005	II	VR	ZIGA-G4
AZ Vir	57136.3367	0.0002	II	VI	C11+G2

Explanation of the remarks in the table:
Remarks give information on the observatory and used instrument. If two filters are given, we publish weighted average times of minima from the given filters.

Remarks:
Minima types are calculated according to elements given in Up-to-date Linear Elements of Eclipsing Binaries database (Kreiner, 2004).

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