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**110 MINIMA TIMINGS OF ECLIPSING BINARIES**

PETROPOULOU, M.; GAZEAS, K.; TZOUGANATOS, L.; KARAMPOTSIU, E.

Department of Astrophysics, Astronomy and Mechanics, National & Kapodistrian University of Athens, Zografos, Athens, Hellas; e-mail: mariapetr90@gmail.com; kgaze@phys.uoa.gr

<b>Observatory and telescope:</b>	
<b>T1:</b> 0.4m, f/8 Cassegrain telescope, located at the University of Athens Observatory, at Zografos, Athens, Greece <b>T2:</b> 1.2m, f/13 Cassegrain telescope of the National Observatory of Athens, located at the Kryoneri Astronomical Station, at Korinth, Greece.	
<b>Detector:</b>	<b>C1:</b> ST-10XME CCD camera, KAF-3200ME chip, 16' × 11' and 25' × 17' (using an f/6.3 focal reducer) field of view (FoV) with T1, <b>C2:</b> ST-8XMEI CCD camera, KAF-1603ME chip, 15' × 10' FoV with T1, <b>C3:</b> ST-8 CCD camera, KAF-1600 chip, 15' × 10' FoV with T1, <b>C4:</b> Photometrics CH250 CCD camera, SI502 chip, 2.5' × 2.5' FoV with T2. All CCDs have a Peltier-type cooling system and are equipped with a set of UBVRI filters (Bessell specifications).
<b>Method of data reduction:</b>	
Differential photometry	
<b>Method of minimum determination:</b>	
Kwee & van Woerden (1956)	

Table 1: Times of minima of eclipsing binaries

System	HJD	Error	Type	Filters	Remark
HV Aqr	2453575.4741	0.0007	II	BVRI	T1+C3
	2453576.4089	0.0002	I	BVRI	T1+C3
	2453576.5953	0.0005	II	BVRI	T1+C3
	2453577.3462	0.0001	II	BVRI	T1+C3
	2453577.5321	0.0002	I	BVRI	T1+C3
	2453578.4697	0.0001	II	BVRI	T1+C3
	2453579.4047	0.0002	I	BVRI	T1+C3
	2453579.5922	0.0005	II	BVRI	T1+C3

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System	HJD	Error	Type	Filters	Remark	
OO Aql	2453984.40663	0.00008	II	B	T1+C3	
	2453985.42083	0.00008	II	B	T1+C3	
	2454009.23946	0.00012	II	B	T1+C3	
	2454034.32515	0.00028	I	B	T1+C3	
	2454044.20783	0.00012	II	B	T1+C3	
	2454060.17083	0.00021	I	B	T1+C3	
	2454061.18491	0.00015	I	B	T1+C3	
	2453982.37903	0.00005	II	V	T1+C3	
	2453998.34313	0.00005	I	V	T1+C3	
	2453999.35674	0.00004	I	V	T1+C3	
	2453980.35235	0.00005	II	R	T1+C3	
	2453997.32946	0.00004	I	R	T1+C3	
	2453986.43442	0.00004	II	I	T1+C3	
	2454013.29382	0.00003	II	I	T1+C3	
	2454031.28448	0.00005	I	I	T1+C3	
	2454064.22605	0.00011	I	I	T1+C3	
	2454066.25299	0.00007	I	I	T1+C3	
	2454067.26656	0.00011	I	I	T1+C3	
	V1182 Aql	2453272.3302	0.0002	I	V	T1+C3
	FP Boo	2453147.5082	0.0016	II	BVRI	T1+C3
2453156.4651		0.0016	II	BVRI	T1+C3	
2453439.5467		0.0010	II	VR	T1+C3	
2453446.5938		0.0005	II	VR	T1+C3	
2453447.5537		0.0004	I	VR	T1+C3	
2453448.5118		0.0005	II	VR	T1+C3	
2453506.4744		0.0005	I	BI	T1+C3	
2453507.4367		0.0005	II	BI	T1+C3	
SZ Cam	2453298.3965	0.0005	I	R	T1+C3	
	2453325.3720	0.0003	I	R	T1+C3	
V470 Cam (HS0705+6700)	2452319.26182	0.00004	I	I	T2+C4	
	2452319.30950	0.00011	II	I	T2+C4	
	2452319.35741	0.00005	I	I	T2+C4	
	2452319.40565	0.00011	II	I	T2+C4	
	2452320.26681	0.00010	II	I	T2+C4	
	2452320.60143	0.00004	I	I	T2+C4	
FZ CMa	2453030.3201	0.0003	I	V	T1+C3	
	2453037.3233	0.0003	II	R	T1+C3	
	2453336.4991	0.0002	II	R	T1+C3	
	2453681.4816	0.0002	II	R	T1+C3	
AH Cep	2453001.2848	0.0034	I	V	T1+C3	
AA Cet	2453687.4389	0.0001	I	R	T1+C3	
YY CrB	2452472.2891	0.0002	I	BVRI	T2+C4	
	2452473.4190	0.0002	I	BVRI	T2+C4	
V700 Cyg	2453234.2964	0.0002	II	BVR	T2+C4	
	2453234.4422	0.0003	I	BVR	T2+C4	
	2453234.5873	0.0003	II	BVR	T2+C4	
	2453238.3654	0.0003	II	BVRI	T1+C3	

Table 1 – continued from previous page

System	HJD	Error	Type	Filters	Remark	
V700 Cyg	2453238.5112	0.0003	I	BVRI	T1+C3	
	2453250.2814	0.0001	II	BVRI	T2+C4	
	2453250.4275	0.0002	II	BVRI	T2+C4	
	2453250.5721	0.0001	II	BVRI	T2+C4	
	2453251.2992	0.0002	II	BVRI	T2+C4	
	2453251.4441	0.0001	II	BVRI	T2+C4	
	2453251.5885	0.0003	II	VR	T2+C4	
V1034 Cyg	2453248.4945	0.0005	II	VRI	T1+C3	
	2453279.2643	0.0002	I	VRI	T1+C3	
SV Equ	2453178.4311	0.0016	I	BVRI	T1+C3	
	2453196.4948	0.0018	II	BVRI	T1+C3	
UX Eri	2453686.5115	0.0001	I	R	T1+C3	
BG Gem	2456324.9606	0.1276	II	BVRI	T1+C1	
	2456371.0612	0.0811	I	BVRI	T1+C1	
	2456416.4522	0.1463	II	BVRI	T1+C1	
	2456554.7222	0.0372	I	BVRI	T1+C1	
	2456600.4005	0.1029	II	BVRI	T1+C1	
	2456646.5539	0.0499	I	BVRI	T1+C1	
	2456692.0865	0.1191	II	BVRI	T1+C1	
	2456737.8613	0.0575	I	BVRI	T1+C1	
	V345 Gem	2454066.4769	0.0003	II	BVRI	T1+C3
		2454066.6150	0.0003	I	BVRI	T1+C3
2454067.4391		0.0004	I	BVRI	T1+C3	
2454067.5761		0.0003	II	BVRI	T1+C3	
2454068.5381		0.0002	I	BVRI	T1+C2	
2454068.6748		0.0004	II	V	T1+C2	
V918 Her	2456495.3514	0.0003	II	BVRI	T1+C1	
	2456497.3558	0.0003	I	BVRI	T1+C1	
V921 Her	2456508.2997	0.0004	I	BVRI	T1+C1	
	2453256.3965	0.0012	I	VRI	T1+C3	
	2453257.2741	0.0008	I	VRI	T1+C3	
V1003 Her	2453260.3439	0.0009	II	VRI	T1+C3	
	2453264.2957	0.0013	I	VRI	T1+C3	
	2456471.5104	0.0006	II	BVRI	T1+C1	
	2456488.5271	0.0008	I	BVRI	T1+C1	
	2456490.5026	0.0006	I	BVRI	T1+C1	
	2456491.4911	0.0006	I	BVRI	T1+C1	
	2456492.4759	0.0005	I	BVRI	T1+C1	
	2456493.4668	0.0006	I	BVRI	T1+C1	
	2456500.3635	0.0010	I	BVRI	T1+C1	
	2456501.3530	0.0010	I	BVRI	T1+C1	
ET Leo	2456502.3398	0.0008	I	BVRI	T1+C1	
	2456504.3251	0.0013	I	BVRI	T1+C1	
	2452724.3704	0.0005	II	BVRI	T1+C3	
	2452724.5447	0.0015	I	BVRI	T1+C3	
XZ Leo	2453034.4919	0.0002	I	BVRI	T1+C3	
	2453036.4436	0.0002	I	BVRI	T1+C3	

**Table 1 – continued from previous page**

System	HJD	Error	Type	Filters	Remark
XZ Leo	2453036.6865	0.0006	II	BVRI	T1+C3
	2453051.5635	0.0002	I	BVRI	T1+C3
CW Lyn	2456748.3737	0.0009	II	BVR	T1+C1
	2456768.2720	0.0008	I	BVRI	T1+C1
	2456770.3038	0.0010	II	BVRI	T1+C1
	2456796.3181	0.0006	II	BVRI	T1+C1
DD Mon	2453441.3815	0.0001	I	BVRI	T2+C4
	2453442.2346	0.0003	II	VRI	T2+C4

**Explanation of the remarks in the table:**

T1, T2, C1, C2, C3 and C4 refer to the instrumentation (telescope and CCD camera) used for each case.

**Remarks:**

A large number of the above observations were performed utilizing the robotic and remotely controlled telescope at the University of Athens.

**Acknowledgements:**

Times of minima of contact binaries presented in this work are by-product of the *W UMa Project* (Papers I - VII) (Kreiner et al. 2003; Baran et al. 2004; Zola et al. 2004; Gazeas et al. 2005; Zola et al. 2005; Gazeas et al. 2006; Zola et al. 2010.), which aims in performing accurate photometric and spectroscopic study of eclipsing binaries of W UMa type. In addition, part of this work is a result of the *Contact Binaries Towards Merging (CoBiToM) Project*, initiated and still undergoing at the National and Kapodistrian University of Athens since 2012 (PI: K. Gazeas).

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