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NEW CCD MINIMA TIMES FOR SELECTED ECLIPSING BINARIES

SOYDUGAN, F.; ALIÇAVUŞ, F.; ŞENYÜZ, T.; KAHRAMAN ALIÇAVUŞ, F.; PÜSKÜLLÜ, Ç.;  
KANVERMEZ, Ç.; SOYDUGAN, E.

Department of Physics, Faculty of Arts and Sciences, Çanakkale Onsekiz Mart University, Terzioğlu Kampüsü,  
TR-17020, Çanakkale, Turkey

Astrophysics Research Centre and Observatory, Çanakkale Onsekiz Mart University, Terzioğlu Kampüsü,  
TR-17020, Çanakkale, Turkey

**Observatory and telescope:**

T30: 0.3 m Cassegrain-Schmidt, T40: 0.4 m Cassegrain-Schmidt, T60: 0.6 m  
Ritchey-Chrétien, and T122: 1.22 m Cassegrain-Nasmyth telescopes of Çanakkale  
Onsekiz Mart University Observatory, Çanakkale.

**Detector:**

C1: STL1001E CCD camera, Peltier cooling, KAF-1001E  
chip, 1024×1024 pixels.  
C2: ST10MXE CCD camera, Peltier cooling, KAF-  
3200ME chip, 2174×1536 pixels.  
C3: Apogee ALTA U42 CCD camera, Peltier cooling, E2V  
CCD47-10 chip, 2048×2048 pixels.  
C4: Apogee ALTA U47 CCD camera, Peltier cooling, E2V  
CCD47-10 chip, 1024×1024 pixels.

**Method of data reduction:**

C-MUNIPACK software was used for the reduction process of CCD images and  
differential photometry (<http://c-munipack.sourceforge.net/>).

**Method of minimum determination:**

The minima times of selected eclipsing binaries were computed with the Kwee-  
van Woerden method (Kwee & van Woerden, 1956).

<b>Times of minima:</b>					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
EL Aqr	55831.4900	0.0003	I	<i>BVRI</i>	T122+C1
	55834.3773	0.0003	I	<i>BVRI</i>	T122+C1
	55835.3415	0.0007	II	<i>BVRI</i>	T122+C1
	55840.3969	0.0002	II	<i>BVRI</i>	T122+C1
	55853.3950	0.0002	II	<i>BVRI</i>	T122+C1
	55854.3577	0.0002	II	<i>BVRI</i>	T122+C1
HS Aqr	55780.3389	0.0004	I	<i>BVR</i>	T30+C2
	55782.4691	0.0002	I	<i>BVR</i>	T30+C2
FN Cam	56086.3767	0.0002	I	<i>BVR</i>	T60+C3
	56089.4154	0.0002	II	<i>BVR</i>	T60+C3
YY CMi	56010.3738	0.0002	I	<i>BVR</i>	T40+C4
V401 Cyg	55758.4087	0.0003	I	<i>BVR</i>	T40+C3
	55765.4025	0.0003	I	<i>VR</i>	T40+C3
	55767.4432	0.0005	II	<i>BVR</i>	T40+C3
	55779.3852	0.0003	I	<i>BVR</i>	T40+C3
	55795.4126	0.0002	II	<i>BVR</i>	T40+C3
	55809.3982	0.0002	II	<i>BVR</i>	T122+C1
	55814.3486	0.0002	I	<i>BVR</i>	T122+C1
55816.3894	0.0002	II	<i>BVR</i>	T40+C3	
V488 Cyg	56092.5163	0.0001	II	<i>VR</i>	T30+C1
V700 Cyg	56091.3313	0.0001	I	<i>VR</i>	T30+C1
V704 Cyg	56091.5368	0.0001	II	<i>R</i>	T30+C1
V726 Cyg	56092.3113	0.0002	I	<i>R</i>	T30+C1
V1073 Cyg	55792.3922	0.0002	I	<i>BVR</i>	T30+C2
	55814.3982	0.0003	I	<i>BV</i>	T30+C2
	55818.3286	0.0004	I	<i>BVR</i>	T30+C2
EF Dra	56126.4258	0.0004	II	<i>BVR</i>	T122+C1
	56130.4536	0.0003	I	<i>BVR</i>	T122+C1
	56131.5155	0.0005	II	<i>BVR</i>	T122+C1
V502 Her	56090.3298	0.0001	I	<i>R</i>	T30+C1
V728 Her	56091.4689	0.0003	I	<i>VR</i>	T30+C1
V829 Her	56092.4579	0.0002	I	<i>VR</i>	T30+C1

<b>Times of minima:</b>					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
RW Leo	56004.3471	0.0001	I	<i>VR</i>	T40+C4
XY Leo	56007.5011	0.0002	II	<i>V</i>	T40+C4
XZ Leo	56007.5007	0.0002	II	<i>VR</i>	T30+C1
V1010 Oph	56092.3686	0.0003	I	<i>BV</i>	T30+C1
BB Peg	56116.4928	0.0001	I	<i>V</i>	T30+C1
V357 Peg	55758.4279	0.0005	II	<i>BVR</i>	T30+C2
	55760.4521	0.0002	I	<i>BVR</i>	T30+C2
	55837.3872	0.0002	I	<i>BVR</i>	T30+C2
V407 Peg	55795.4530	0.0006	I	<i>BVR</i>	T30+C2
	55796.4143	0.0006	II	<i>BVR</i>	T30+C2
	55802.4576	0.0009	I	<i>BVR</i>	T30+C2
	55855.3165	0.0006	I	<i>BVR</i>	T30+C2
AO Ser	56004.5788	0.0001	I	<i>VR</i>	T40+C4
HH UMa	56730.4903	0.0004	I	<i>BVRI</i>	T60+C1
	56731.2428	0.0006	I	<i>BVRI</i>	T60+C1
	56738.3729	0.0005	I	<i>BVRI</i>	T60+C1
HN UMa	56010.5528	0.0002	I	<i>V</i>	T40+C4
HR UMa	56053.4795	0.0002	I	<i>BVR</i>	T40+C4
TU UMi	55765.3657	0.0003	I	<i>BVR</i>	T60+C1
	55774.4160	0.0002	I	<i>BVR</i>	T60+C1
PY Vir	56037.3744	0.0002	II	<i>BVR</i>	T60+C3
	56038.3084	0.0001	II	<i>BVR</i>	T60+C3
	56044.3776	0.0001	I	<i>BVR</i>	T60+C3
	56049.3573	0.0001	I	<i>BVR</i>	T60+C3
	56050.2933	0.0001	I	<i>BVR</i>	T60+C3
	56052.3157	0.0001	II	<i>BVR</i>	T60+C3
	56737.3815	0.0002	II	<i>BVRI</i>	T60+C3
	56737.5358	0.0003	I	<i>BVRI</i>	T60+C3
	56738.4700	0.0001	I	<i>BVR</i>	T60+C3
56738.6281	0.0008	II	<i>BVR</i>	T60+C3	
GSC 3133-1847	56112.3865	0.0003	II	<i>BVR</i>	T30+C1
	56119.4247	0.0005	I	<i>BVR</i>	T30+C1

<b>Times of minima:</b>					
Star name	Time of min. HJD 2400000+	Error	Type	Filter	Rem.
SAO 48275	56091.3940	0.0007	I	<i>BVR</i>	T40+C4
	56094.3805	0.0004	I	<i>BVR</i>	T40+C4
	56100.3438	0.0004	I	<i>BVR</i>	T40+C4

<b>Explanation of the remarks in the table:</b>
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In the remarks column of the table, telescopes and CCD detectors used in the observations are indicated.
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<b>Remarks:</b>
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In this study, we present 67 minima times of 29 eclipsing binaries.
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