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NEW TIMES OF MINIMA FOR SOME ECLIPSING BINARY STARS

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| Observatory and telescope: |
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| 16'' Schmidt/Cassegrain telescope at Ankara University Observatory |
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| Detector: |
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| Apogee ALTA U47+ back illuminated CCD camera, Peltier cooling, E2V CCD47-10 chip, 1024 × 1024 pixels. |
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| Method of data reduction: |
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| Reduction of the CCD frames was made with the IRAF ¹ CCDRED and DAOPHOT packages. |
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| Method of minimum determination: |
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| The minima times were computed with several methods in Minima25b (Nelson, 2006) (parabolic fit, tracing paper, bisectors of chords, Kwee and van Woerden method (Kwee & van Woerden, 1956), Fourier fit and sliding integration technique). We calculated the mean minimum-time value from all the filters for a given star and tabulated this value in the Table. |
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¹IRAF is distributed by the National Optical Astronomical Observatories, operated by the Association of the Universities for Research in Astronomy, inc., under cooperative agreement with the National Science Foundation

| Times of minima: | | | | | |
|-------------------------|------------------------------|--------|------|--------|-------------|
| Star name | Time of min. HJD 2400000+ | Error | Type | Filter | Rem. |
| LO And | 55825.5030 | 0.0001 | II | VRI | TO-YK-MÖ |
| | 55880.2883 | 0.0002 | II | BVRI | AO-GG-MAk |
| V546 And | 55854.3219 | 0.0000 | I | BVRI | ZT |
| | 55854.5136 | 0.0003 | II | BVRI | ZT |
| GK Boo | 56034.5133 | 0.0001 | I | BVRI | AO-YŞ-DG |
| HH Boo | 56046.2957 | 0.0001 | II | BVI | YD |
| | 56046.4537 | 0.0002 | I | BVI | YD |
| AK Cam | 55908.3271 | 0.0027 | II | VRI | AO-GG-SC |
| V474 Cam | 56034.3074 | 0.0000 | I | BVRI | AO-YŞ-DG |
| EO CVn | 56021.3562 | 0.0004 | II | BVRI | ZT-AY |
| | 56021.5340 | 0.0009 | I | BVRI | ZT-AY |
| EY CVn | 56010.5939 | 0.0017 | II | RI | SC-YK |
| V1046 Cas | 55836.4436 | 0.0001 | I | BVRI | YD-TO-AK |
| | 55865.3677 | 0.0007 | II | BVRI | AY-MMK |
| | 55866.3486 | 0.0008 | II | BVRI | AO-GG-YŞ |
| EF Cep | 55821.5536 | 0.0003 | II | BVRI | CY-MA |
| | 55829.4329 | 0.0004 | II | BVRI | YD-TO-AK |
| | 56008.2389 | 0.0007 | II | BVRI | MBD-MNB |
| | 56008.5420 | 0.0006 | I | BVRI | MBD-MNB |
| V796 Cep | 55874.5435 | 0.0002 | I | VRI | MBD-MSH-MA |
| | 55897.5311 | 0.0006 | II | BVRI | GS-AY-MÖ |
| GSC 3996-0574 | 55873.4330 | 0.0008 | I | BVRI | GG |
| ASAS J013630+0150.3 | 55855.2944 | 0.0002 | I | BVRI | CY |
| | 55855.4263 | 0.0002 | II | BVRI | CY |
| | 55855.5618 | 0.0002 | I | BVRI | CY |
| TW CrB | 56055.4373 | 0.0005 | II | BVRI | AO-ŞŞŞ-YŞ |
| HI Dra | 55825.2723 | 0.0047 | I | BVRI | TO-YK-MÖ |
| TYC 3069-1654-1 | 56049.4065 | 0.0007 | II | BVRI | ZT-OY-CY |
| | 56082.4960 | 0.0007 | II | BVRI | GG-MAk -EAy |
| | 56014.3221 | 0.0002 | II | BVRI | AO-GG |
| TYC 1426-857-1 | 55970.5213 | 0.0002 | II | BRI | GS |
| V2612 Oph | 56081.4971 | 0.0003 | II | BVRI | MNB-MBD |
| | 56084.4990 | 0.0002 | II | BVRI | ZT-OY |
| V407 Peg | 55830.4822 | 0.0012 | I | BVRI | AY-CY |
| | 55832.3924 | 0.0017 | I | BVRI | YK |
| | 55833.3529 | 0.0006 | II | BVRI | MBD-AY |
| | 55834.3034 | 0.0009 | I | BVRI | GS |
| GSC 2750-0854 | 55841.3555 | 0.0016 | II | BVRI | GS-SC |
| ASAS J225956+1418.2 | 55855.2643 | 0.0002 | II | BVRI | CY |
| V384 Ser | 56080.3651 | 0.0001 | I | BVRI | MSH |
| | 56080.4991 | 0.0006 | II | BVRI | MSH |
| V1367 Tau | 55873.6325 | 0.0005 | II | VRI | GG |
| | 55901.4483 | 0.0008 | II | BVRI | AO-YŞ-GG |
| | 55901.6194 | 0.0007 | I | VRI | AO-YŞ-GG |
| V354 UMa | 56016.3144 | 0.0012 | II | BVRI | CY-KG-EÇ |
| | 56016.4583 | 0.0008 | I | BVRI | CY-KG-EÇ |
| PS Vir | 56011.3540 | 0.0002 | II | BVRI | YD |
| | 56011.5006 | 0.0003 | I | BVRI | YD |
| ASAS J205847+2731.9 | 55829.3192 | 0.0002 | I | BVRI | YD-TO-AK |

Explanation of the remarks in the table:

Observers: AK: Altuğ KARADAĞ, AO: Abdullah OKAN, AY: Arzu YOLKOLU, CY: Ceren YILDIRIM, DG: Damla GÜMÜŞ, EAY : Ezgi AYDOĞDU, EÇ: Emine ÇÖLKUŞU, GG: Gökhan GÖKAY, GS: Gözde SARAL, KG: Kübra GÜLLÜ, MA: Mehmet ALPSOY, MAk : Mihriban AKI, MBD: Mustafa Burak DOĞRUEL, MMK: Metehan Metin KEKLİK, MNB: Mehmet Naim BAĞIRAN, MÖ: Maksud ÖZTÜRK, MSH: Muhammed ŞEMUNİ, OY: Onur YÖRÜKOĞLU, SC: Sonay CERİT, ŞŞŞ: Şakir Şenol ŞAHİN, TO: Tahsin OZUN, YD: Yahya DEMİRCAN, YK: Yücel KILIÇ, YŞ: Yunus ŞENDAĞ, ZT: Zahide TERZİOĞLU

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