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PHOTOELECTRIC MINIMA OF U CrB, u Her AND U Oph

From 1969 till 1973 photoelectric observations were carried out on eclipsing binaries in B, V and R with a 40 cm reflector of the Utrecht Observatory operated during that time at the Astronomical Station at Stephanion, Peloponnesus, Greece (Heintze, Provoost, 1979).

We report here O-C values for primary minima of U CrB, u Her and U Oph. The C values were calculated with ephemeris formulae given by Kukarkin et al. (1969):

for U CrB with Hel. Min. J.D. = $2416747.964 + 3.45220416 \cdot N$
for u Her with Hel. Min. J.D. = $2427640.654 + 2.0510272 \cdot N$ and
for U Oph with Hel. Min. J.D. = $2408279.641 + 1.6773460 \cdot N$

The results are:

Star	Hel. Min. J.D.	N	O-C (days)	Number of observations	Filter
U CrB	24 40364.4688	6841	- 0.0239 + 0.0011	28	B, V
u Her	41468.6734	6742	- 0.0059 + 0.0006	76	B, V, R
U Oph	40724.5330	19343	- 0.0117 + 0.0015	16	B, V

Revised ephemeris formulae of U CrB and u Her are given by Van Gent (1979) and Heintze and Provoost (1979).

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