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PHOTOELECTRIC OBSERVATIONS OF W UMA (BD +56°1400)

This well known eclipsing variable has been on the observing list of the Ege University Observatory for the last two years. Observations in two colours, B and V are in progress. The variable was observed in October, 1982 during two (23 and 24) and in November, 1982 during three nights (2, 23, 25). The data for 23 and 24 October had been already reduced and Hel. Min. times were presented (Hamzaoğlu, M., Hamzaoğlu, E., 1982). Here we present the latest two minima obtained on 23 and 25 November, 1982 both in V colours, where

$$\text{JD Hel Min I} = 2444986.3624 + 0^d.33363808 \cdot E$$

were used.

So far in the published reports of this star, we presented only the minimum times together with the (O-C) values according to the above given ephemeris. No errors were presented. Any classical method can be used and observations can be fitted to parabola, but asymmetry and seasonal changes within the light curve of the star prevented us in doing so. Instead, we adopted the chord bisection method and applied the least square fit to the mid-points of the minima. We present the journal of data in Table I obtained from the above given ephemeris.

Table I

Date	J.D. Hel.	Type of Min	Colour	E	(O-C) days
23 Oct. 1982	2445266.61735	Min I	B	840	-0.00104±0.00007
24 Oct. 1982	2445267.61805	Min I	B	843	-0.00125±0.00006
02 Nov. 1982	2445276.45917	Min II	B	869.5	-0.00154±0.00010
23 Nov. 1982	2445297.47882	Min II	V	932.5	-0.00109±0.00010
25 Nov. 1982	2445299.47919	Min II	V	938.5	-0.00255±0.00008

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