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EPOCHS OF MINIMUM LIGHT, SW LACERTAE

SW Lacertae (BD+37°4717) is a W Ursae Majoris-type eclipsing binary system which undergoes partial eclipses. Jameson and Akinçi (M.N.R.A.S. 188, 421, 1979) observed the light curve of this system at 1.2 and 2.2 μm . They kindly provided the present authors with the unpublished data.

Epochs of minimum light were determined from the observations defining one primary and one secondary eclipse curve. The bisection-of-chords technique was utilized since there is noticeable asymmetry in the primary eclipse curve. Table I includes the epochs of minimum light and the O-Cs calculated from the ephemeris given by Bookmyer (Astron. J. 70, 415, 1965), namely

$$\text{JD Hel. Min. I} = 2437572.57231 + 0.^d.32072811 \text{ E.}$$

TABLE I

JD Hel.	Min.	O-C
2443411.4804	II	-0. ^d .1075
2443411.6343	I	-0.1140

The residuals are consistent with the O-C plot published by Faulkner and Bookmyer (IBVS #1503, 1978).

It should be noted that all the available epochs of minimum light for SW Lac - visual, photographic, and photoelectric - have been collected and tabulated by Bookmyer and Faulkner. Upon request, these will be sent to any investigator interested in them for future studies.

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