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PHOTOELECTRIC TIMES OF MAXIMA OF BW Vul

Photoelectric V-band observations of BW Vulpeculae were made in 1974 and 1975 with a 40 cm Cassegrain reflector and single-channel photoelectric photometer equipped with an EMI 6256B photomultiplier. Each observation consisted of the average of three ten-second integrations. The stars SAO 70596, 89134 and 89135 were used as the comparison and check stars.

The heliocentric Julian dates of the observed maxima, along with the O-C values resulting from Huffer's ephemeris (1937) with period  $P = 0^d.20103$  and from our revised period  $P = 0^d.201032$  using Huffer's initial epoch are given in the table below.

Heliocentric JD of Maximum	O-C ( $P = 0^d.20103$ )	O-C ( $P = 0^d.201032$ )
2,442,350.7854	+0 <sup>d</sup> .102	-0 <sup>d</sup> .033
2,442,356.8112	+0.097	-0.038
2,442,678.8780	+0.113	-0.025

The revised period  $P = 0^d.201032$  also reduces by a factor of ten the O-C values of the times of maxima observed by Walker (1954). The following new ephemeris is suggested for this star's times of maxima:

$$\text{Hel. JD (max)} = \text{JD } 2,442,678.8780 + 0^d.201032 \cdot E$$

T. E. MARGRAVE and J. W. MEFFORD  
 Blue Mountain Observatory  
 University of Montana  
 Missoula, Montana 59801

References:

- Huffer, C.M., 1937, *Astrophysical Journal*, 87, 76  
 Walker, M.F., 1954, *Astrophysical Journal*, 119, 631