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MAXIMUM TIMES OF BW VULPECULAE

The  $\beta$  Canis Majoris type variable BW Vul (HD 199140,  $M_V = -4.35$ , B2 III) was observed photoelectrically at EGE University Observatory during the summer of 1977 and 1978. The observations were obtained with the 48 cm Cassegrain telescope equipped with an unrefrigerated 1P21 photomultiplier. HD 198820 was used as the comparison star.

While the observations in 1977 were obtained in uvby system those in 1978 were secured in UBV system. The observations in (u) and (U) colours were used for the maximum times.

Four maximum times were obtained in 1977 and used for recalculation of the period of BW Vul. The new light element is given by Tunca (1978) as:

$$\text{Max.J.D.hel} = 2441537.7724 + 0^d.20104071 \cdot E.$$

All maximum times and the (O-C) values obtained with the help of the equation above are given in the following table.

J.D. hel.	E	(O-C)
2443371.4660	9121	0 <sup>d</sup> .0014
382.3215	9175	.0007
385.3328	9190	-.0036
422.3297	9374	.0018
745.3959	10981	-.0044
750.4264	11006	.0001
753.4416	11021	-.0004
764.2976	11075	-.0006
770.3275	11105	-.0019
776.3590	11135	-.0016

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Reference:

Tunca, Z., 1978. I.B.V.S. No. 1386.