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TIMES OF MINIMA FOR SOME ECLIPSING BINARIES

Eighteen minima for seven eclipsing variables have been determined photoelectrically. These stars were observed during several seasons. All observations were obtained with the 30 cm Maksutov telescope of the Ankara University Observatory. Differential observations were secured by using an EMI 9789QB photomultiplier before 29 September 1991 and an SSP5A (with a Hamamatsu R1414 photomultiplier) photometer after that date. The filters used are in close accordance with the standard UB_V and reductions of the observations have been performed in the usual way (Hardie, 1962).

Table 1

System	Min	HJD 2440000+	Std. Err.	Filters	Obs
HS Her	I	7387.33721	0.00111	U,B,V	Gr
HS Her	i	7657.51786	0.00094	U,B,V	My
BF Aur	i	7499.55257	0.00127	U,V	Gr
BF Aur	I	7561.29777	0.00354	U,B,V	My
BF Aur	II	7595.33127	0.00139	U,B,V	Kh
KR Cyg	I	7712.43253	0.00113	U,B,V	Sl
V346 Aql	I	7713.51051	0.00057	U,B,V	Ör
LS Del	II	8472.43681	0.00317	B,V	Öd
W UMa	i	9444.40554	0.00035	U,B,V	Tn
W UMa	I	9454.41302	0.00031	B,V	Sl
V456 Oph	I	7346.3411	0.0006	B,V	Kh
V456 Oph	I	7347.3579	0.0010	B,V	Kh
V456 Oph	I	7348.3730	0.0011	B,V	M ₃
V456 Oph	I	7349.3903	0.0013	B,V	Kh
V456 Oph	I	7351.4211	0.0004	B,V	Ör
V456 Oph	II	7377.3338	0.0009	B,V	Sl
V456 Oph	II	7382.4136	0.0010	B,V	Ak
V456 Oph	I	7732.4223	0.0005	B,V	Kh

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The times of minimum light and standard errors for each filter were calculated using the method of Kwee and van Woerden (1956). The algorithm of this method was applied to the computer by Myesserođlu. The weighted averages for these values are given in Table 1 together with their minimum types, filters and observers.

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