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EPOCHS OF MINIMUM LIGHT FOR SEVERAL ECLIPSING BINARIES

Presented here are times of minimum light for several eclipsing binaries observed with the 41 cm reflector of the Morgan-Monroe Station of the Goethe Link Observatory. All observations were made with Johnson UBV filters and a 1P21 Photomultiplier tube cooled with dry ice. For each eclipse either the Hertzsprung method or the method of bisection of chords was used, and are indicated by their abbreviations in the table. The bisection of chords method was used when the observations were of poor quality and hence these times of minimum light should receive lower weight. The tabulated results

Table

Star	Hel. J.D.	Type	Method	(O-C)
	2440000+			
BX And	3033.8307	I	Hertz.	0.0032
	3034.7460	II	Bis.	0.0034
	3098.8043	II	Bis.	-0.0004
	3099.7228	I	Hertz.	0.0029
U Cep	5229.6853(V)	I	Hertz.	0.0011
	.6866(B)	I	Hertz.	0.0024
	.6874(U)	I	Hertz.	0.0032
	5259.6035(V)	I	Hertz.	0.0027
	.6034(B)	I	Hertz.	0.0026
	.6035(U)	I	Hertz.	0.0027
	5264.5910(V)	I	Hertz.	0.0041
	.5909(B)	I	Hertz.	0.0040
.5909(U)	I	Hertz.	0.0040	
V366 Cyg	5242.5866	I	Bis.	-0.0419
TZ Eri	5241.8592	I	Hertz.	0.0153
SW Lac	4493.7540	I	Hertz.	0.0000
RW Tau	5221.8143	I	Hertz.	-0.0008
	5257.8086	I	Hertz.	-0.0014

are the average of the three filters. The one exception to this is U Cep where the times of minimum light are known to be a function of wavelength due to circumstellar material (Crawford and Olson, 1979). The residuals were determined using light elements from the following sources: BX And (Chou, 1959), U Cep (Olson, *et al.*, 1981), V366 Cyg (Houten, 1956), TZ Eri (Perova, 1975), SW Lac (Faulkner and Bookmyer, 1978), RW Tau (Olson, 1982).

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