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VARIABLE STAR TIMINGS FROM ARIZONA

During 1980-1982, monitoring of several variable stars for polarization was carried out with the MINIPOL polarimeter at Steward Observatory. Standard stars were included in the program so that the data yielded photometric monitoring as well. Eight times of maxima for two Beta Cephei stars (BW Vul and Sigma Sco) were found this way, as were two times of primary minima of the eclipsing contact binary W Corvi. In addition, the Johnson UBVRI photometer at Steward was used to find one maximum of BW Vul, and the UBV photometer at the US Naval Observatory at Flagstaff was used for one minimum of W Corvi. In all cases

Table I

Heliocentric Julian Dates

Star	Hel. JD - 2,440,000	notes
BW Vul (maximum)	4401.8010	MINIPOL B-filter
	4402.8040	"
	4403.8110	"
	4482.8211	"
	4483.8244	"
	4484.8298	"
	4504.7326	U,B,V filters
	4872.8450	MINIPOL B-filter
Sigma Sco (maximum)	4450.5407	"
W Corvi (primary	4704.8490	"
eclipse minimum)	4718.8215	"
	5077.7957	B,V filters - USNO

the data were corrected for extinction, differential magnitudes were plotted, and timings were estimated visually from these plots.

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