A REVISED EPHEMERIS FOR AN URSAE MAJORIS

Following publication of my previous note (Mumford, 1976) on
this object, Prof. Kukarkin very kindly provided a copy of Shuga-
rov's (1975) original contribution. The light elements that best
fit the previously given epoch, the photoelectric observations
made at Kitt Peak, and currently accepted models of novalike var-
iables requires that the period be one-half of that given previ-
ously.

Min. J.D. hel. = 2442502.285 + $0^{d}\!.0796894 \cdot E$.

With these elements, the following residuals are calculated.

JD hel. 2442000 +	Cycle	O-C
502.285	Epoch	
805.9813	3 811	$0^{d}\!.0000$
806.9378	3 823	+0.0002
807.7345	3 833	0.0000
807.8938	3 835	0.0000

This result is in keeping with a suggestion made by Shugarov.

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References:

Mumford, G.S. 1976, Inf.Bull.on Var. Stars, No. 1109

Shugarov, S.Y. 1975, AC, No. 887