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The variability of this star (RA = $19^h22^m07^s$, D = $+47^o03'$; 1900.0) was announced by R. WEBER in JO 43. No. 8 p. 119. 1960. He published 60 observations and suspected Algol type. From estimates on 127 sky patrol plates (JD. 243 6819 -243 9028) we obtained the preliminary elements:

Min. JD (hel.) = 243 7146.546 + $4^d,56427$. E
Max. $11^m.3$ pg; Min I $12^m.3$; Min. II $11^m.8$

The following Table contains our epoch of minimum and those obtained by WEBER and HUTH (Sonneberg),

Min. (hel.)	E	O - C	n	Observer
JD. 2436758.583	- 85	0,000	60	WEBER
6790.521	- 78	-0,012	120	HUTH
7146.546	0	0,000	127	BUSCH

The details will be published in our HBZ (Harthaer Beobachtungszirkular).

I thank Mr. HUTH for his observations.

Bruno-H.-Bürgel Sternwarte, DDR 7302 Hartha

H. BUSCH

PHOTOELECTRIC MINIMA OF AB AND

Three photoelectric minima of AB And, obtained at the Nürnberg Observatory in the years 1963, 1964 and 1965 show large positive O-C's against the elements in GCVS (I) and SAC 38 (II), respectively

Min: JD 2435 075,400 + $0^d,331888$. E (I)

Min: JD 2436 109,57835 + $0^d,33188940$. E (II)

The new elements (III), published by W. QUESTER in IBVS No. 190 represents our photoelectric minima very well.

Min: 243 6109,57928 + 0^d,331 892 15 . E (III)

The following Table gives our minima together with the O-C's resulting from formulas (I) to (III)

Minima	O - C (I)	O - C (II)	O - C (III)
2438 288,453:	+0^d,045:	+0,021:	+0^d,002:
38 672,449	+0,047	+0,021	-0,001
39 051,305 m	+0,053	+0,025	-0,000

m = secondary minimum.

Nürnberg Observatory
6 April 1967

E. POHL

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