

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
Number 1925

Konkoly Observatory
Budapest
1981 February 13
HU ISSN 0374-0676

PHOTOMETRY OF WZ Sge

WZ Sge was observed shortly after its 1978 outburst using the 36" Yapp reflector at RGO equipped with a "People's Photometer". Simultaneous B, V measurements were made in the sequence sky-comp-sky-WZ-sky-comp-sky under rather poor conditions, with an integration time of 20^s; star 'c' of Krzeminski and Kraft (1964) was used as the comparison.

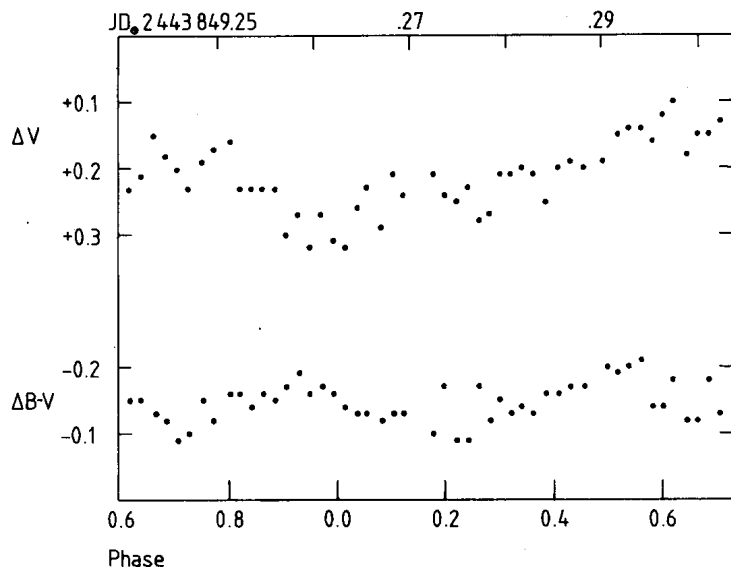


Figure 1

The results are shown in Figure 1. The V amplitude approaches $0^m.2$ and a broad primary minimum is present, approximately in phase with the pre-outburst ephemeris (Robinson et al., 1978) shown in the figure. There is some evidence for the flickering reported by McGraw and Patterson (1978) but nothing quantitative can be said because of the poor sky conditions.

I. D. HOWARTH
Dept. Physics & Astronomy,
University College,
Gower Street, London WC1E 6BT.

References:

- Krzeminski, W., and Kraft, R. P. 1964, Ap.J. 140, 921
Patterson, J., and McGraw, J. T. 1978, I.A.U. Circular 3311
Robinson, E. L., Nather, R. E., and Patterson, J. 1978,
Ap.J. 219, 168