

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
Number 1564

Konkoly Observatory
Budapest
1979 March 6

PHOTOELECTRIC OBSERVATIONS OF DR Vul

Photoelectric observations of DR Vul in U,B,V were carried out at Kryonerion Station during July (18-24) 1976. The observations have been made using the two-beam, multi-mode, nebular-stellar photometer (Goudis and Meaburn, 1973) attached to the new 48-inch Cassegrain reflector of the National Observatory of Athens (Contopoulos and Banos, 1976).

The star BD +25°4105 or ADS 13397A ($\alpha_{1950}=20^{\text{h}}05^{\text{m}}8^{\text{s}}.69$; $\delta_{1950}=+26^{\circ}02'8''.0$) of $m_V=8.5$ was used as comparison. Reduction of the observations has been based on Hardie's method (1962). The standard error was found to be of the order of $\pm 0^{\text{m}}.01$ in U,B,V.

The following preliminary data for the primary minimum were found:

Hel.J.D.	(O-C)	m_V	B-V	U-B
2442982.4806	$-0^{\text{d}}.0337$	9.27	0.20	0.52

PETER ROVITHIS
National Observatory of
Athens, Athens (306),
Greece

HELEN ROVITHIS-LIVANIOU
Astronomy Dept., Athens University
Panepistimiopolis, Athens (621)
Greece

References:

1. Contopoulos, G. and Banos, C.: Sky and Telescope, 51,154, 1976
2. Goudis, C. and Meaburn, J.: Astroph. Space Sc., 20, 149, 1973
3. Hardie, R.H.: Stars and Stellar Systems Vol. II, Astronomical Techniques, ed. Hiltner, W.A., The University of Chicago Press, Chicago, 1962
4. Kukarkin, B.V. et al.: General Cat. of Variable Stars, Moscow, 1969