

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

Number 2001

Konkoly Observatory
Budapest
1981 August 17
HU ISSN 0374-0676

PHOTOGRAPHIC OBSERVATIONS OF THE NEWLY DISCOVERED X-RAY EMITTING
DWARF NOVA 1E 0643.0 - 1648

The hard X-ray source 1E 0643.0 - 1648 has been discovered with the Einstein Observatory and identified with a bright uncatalogued variable star 9'south of Sirius (Chlebowski et al. 1981).

I observed the star on about 130 plates of the Sonneberg field iota CMa. In maximum brightness the star is also visible on good sky patrol plates.

From its optical behaviour the star seems to be a normal dwarf nova. The outbursts recur approximately every 15 days, which is consistent with the visual observations by the AAVSO (Chlebowski et al. 1981).

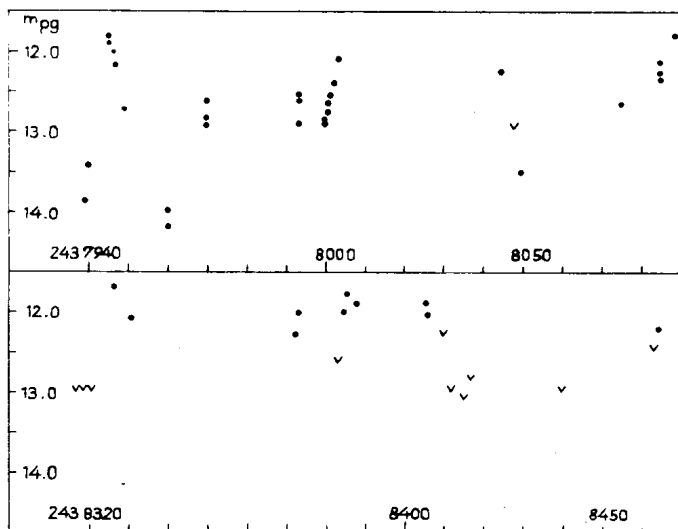


Figure 1

Two intervals well covered by observations are shown in the figure.

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Reference:

Chlebowski, T., Halpern, J.P., Steiner, J.E.: ApJ 247,
L35-38, 1981.