

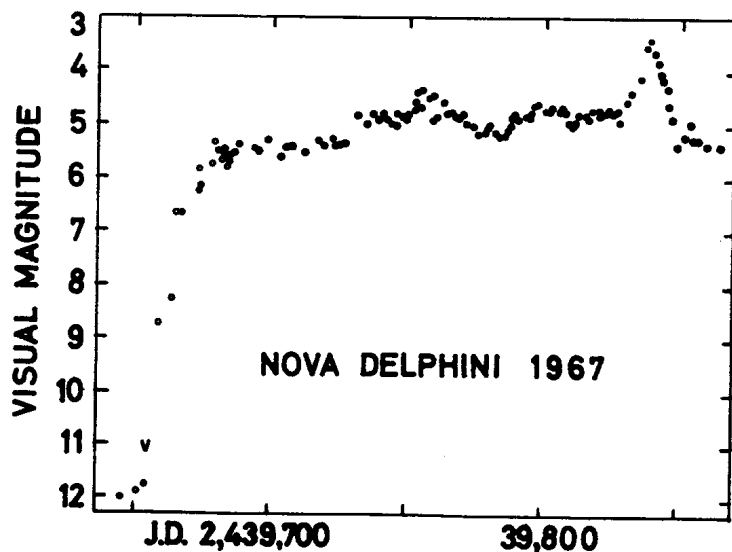
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INFORMATION BULLETIN ON VARIABLE STARS

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Konkoly Observatory
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NOVA DELPHINI (1967)

Since July 12-13, 1967, visual estimates of Nova Delphini have been made by the writers: 1945 estimates on 97 nights by Robinson in Cambridge, Massachusetts, and 522 estimates on 59 nights by Ashbrook in Weston, 10 miles away. The light curve was plotted from the nightly means, provisionally reduced with comparison star magnitudes from the Arizona Tonantzintla Catalogue (Sky and Tele., 30, 1, 24) or the Bright Star Catalogue (3rd edition). Open circles are visual or photovisual observations before the commencement of our series; these were taken from IAUC 2022, 2024, 2025, 2030, and 2036; also, The Astronomer (Ealing, England), 4, 40, 67.



Our means agree adequately with photoelectric measures on the same nights by A. J. Stokes and L. Lovell (IBVS 224, 226, and 238), the average deviation being $+0^m.048$ (comparison with 15 nights of Stokes' observations) and $+0^m.065$ (15 nights of Lovell's). A similar comparison between Stokes and Lovell gives $+0^m.065$ (17 nights).

These observations are being continued. A definitive reduction of both our series will be submitted to Peremennie Zvezdi.

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FLARES OBSERVED AT THE CATANIA
ASTROPHYSICAL OBSERVATORY

From 22th July 1967 we began photoelectric observations in V light of the flare stars BD +51°2402, EV Lac and PZ Mon collecting, until today, 131 hours of observations.

The preliminary results obtained are summarized in the enclosed table.

OBSERVED FLARES

Star	obs. time	Date (JD hel) 2439...	Δ m	rise time	total dur.	Remarks	Comp. star BD+
BD +51°2402	76 ^h .4	696.5845	^m .07	^d .0035	^d .0085	unc.	51°2410
EV Lac	39 ^h .2	761.4270	.14	.0004	.0038	double	42°4527
		761.4278	.16	.0004	.0052		
		763.5230	.32	.0009	.0468		
PZ Mon	15 ^h .5	754.6521	.11	.0005	.0012		1°1495

Catania, January 24, 1968

S. CRISTALDI M. RODONO