

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS
NUMBER 377

Konkoly Observatory
Budapest
1969 September 10

V 348 Sgr BROUGHT UP TO DATE

The peculiar irregular variable V 348 Sgr (Ref.1) centered at $18^{\text{h}} 24^{\text{m}}$, -23° , was examined by Mrs. Jean Hales Anderson (Ref. 2) at the Harvard Observatory on over

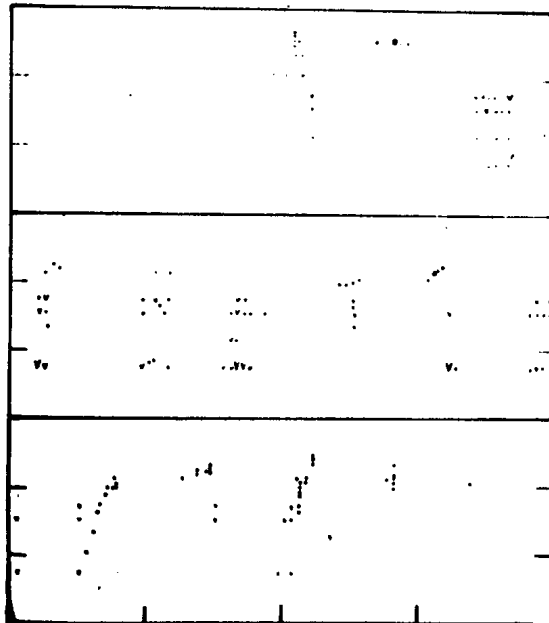


Fig.1. Estimates of V 348 Sgr from 1957 to 1969. Each strip represents an interval of 2000 days the first starting with JD 2435000, the last ending with 2441000. Abscissa markers indicate intervals of 500 days and the ordinate markers photographic magnitudes 13.0 and 15.0. Small symbols 1-4 observations; intermediate 5-9; and large 10-16.

500 patrol plates between JD 2415000 and 35000. It has now been examined on over 450 Nantucket plates taken with the Maria Mitchell $7\frac{1}{2}$ Cooke Triplet Telescope giving a scale of 248" per mm. Figure 1 for JD 2435000 to 40500 brings the observations up to the present date. These magnitude estimates confirm earlier observations that the star V 348 Sgr is irregular.

I am deeply indebted to the U.S. National Science Foundation for the grant to the Maria Mitchell Observatory that made this investigation possible.

Nantucket, Massachusetts
September 2, 1969

NANCY J. GREGG

References:

- (1) Herbig, G.H., *Astrophys. J.* Vol. 127, No. 2, 1958.
- (2) Hoffleit, D., *Astr. J.* 63, No. 2, p. 78, 1958.