

COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 479

Konkoly Observatory
 Budapest
 1970 October 28

UV Cet

A continual photoelectric monitoring of the flare star UV Cet was done with the 91 cm reflector of the Okayama Station from 22 September to 5 October 1970.

During the 8.5 hours of monitoring in the magnitude system B, 9 flares were observed as shown in the following:

| Date | Time of Monitoring (UT) | Time max. (UT) | $\Delta m(B)$ | Flares P | Duration | ϵ |
|-------|-------------------------|----------------|---------------------|--------------------|------------------|---------------------|
| Sept. | | | | | | |
| 26 | 17h29m-19h27m | 17h57m.3 | 1.13 ^{mag} | 0.5 ^{min} | 1 ^{min} | 0.07 ^{mag} |
| 27 | 13 24 -15 19 | 17 19.5 | 0.53 | 0.2 | 0.4 | 0.15 |
| | 17 12 -17 33 | 17 21.7 | 0.66 | 0.2 | 0.2 | 0.15 |
| Oct. | | | | | | |
| 1 | 18 28 -19 08 | 18 52.6 | 2.25 | >9.0 | >8 | 0.11 |
| 5 | 15 22 -19 00 | 15 44.6 | 0.68 | 0.1 | 0.1 | 0.15 |
| | | 17 30.2 | 0.88 | 0.2 | 1.5 | 0.16 |
| | | 18 00.5 | 0.70 | 0.7 | 3.5 | 0.19 |
| | | 18 25.4 | 0.84 | 0.3 | 1.5 | 0.22 |
| | | 18 50.6 | 0.93 | 1.0 | 4.0 | 0.15 |

$$\Delta m(B) = 2.5 \log (I_{o+f, \max} / I_o)$$

$$P = \int (I_{o+f} - I_o) / I_o \cdot dt; \quad \epsilon(\text{mag}) = 2.5 \log (I_o + \epsilon) / I_o$$

The values of $\Delta m(B)$, P and $\epsilon(\text{mag})$ are all referred to the total luminosity of L726-8 A+B, and not to L726-8B (UV Cet) only.

Tokyo Astronomical Observatory
 19 October 1970

K.OSAWA and K.ICHIMURA