

COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS
 NUMBER 853

Konkoly Observatory
 Budapest
 1973 December 18

UV Cet

Photoelectric monitoring of the flare star UV Cet was carried out at the Okayama Station of the Tokyo Astronomical Observatory over the period of 26 October to 1 November, 1973. The observations were made with the simultaneous three-colour photometer attached to the 91 cm reflector. The observational results are summarized in the Table. Some more details will be published in the Tokyo Astronomical

Date	Time of Monitoring (UT)	Filter	Time of Max. (UT)	Flares					σ
				$\frac{I_{O+f} - I_O}{I_O}$	Max. Δm	P	d_b	d_a	
Oct. 28	11 ^h 51 ^m -12 ^h 12 ^m	-	-	-	-	-	-	-	mag
	12 32 -13 05	V	-	-	-	-	-	-	V 0.03
	13 32 -13 48	B	-	-	-	-	-	-	B 0.06
	14 00 -15 32	-	-	-	-	-	-	-	
				mag	min	min	min		
29	11 20 -17 40	V	15 ^h 09 ^m 5	0.21	0.21	0.3	0.5	4.0	
		B	15 09.4	0.99	0.75	1.0	0.5	4.0	
		V	15 48.9	0.48	0.43	0.3	0.1	3.0	V 0.03
		B	15 48.9	2.18	1.26	0.9	0.1	3.0	B 0.05
		V	15 56.4	0.36	0.33	0.1	0.2	0.2	
		B	15 56.4	2.16	1.25	0.2	0.1	0.5	
30	11 10 -17 45	V	12 21.4	1.14	0.83	0.6	0.2	5.0	
		B	12 21.4	6.32	2.16	3.1	0.3	6.0	
		V	14 48.6	0.68	0.56		0.5	7.0	
		B	14 48.6	2.59	1.39		0.8	7.7	
		V	14 49.9	0.19	0.19	V1.0			
		B	14.49.8	1.26	0.89	B4.2			V 0.03
		V	14 50.6	0.32	0.30				B 0.04
		B	14 50.6	1.45	0.97				
		V	15 36.0	1.11	0.81	13.5	2.9	53.1	
		B	15 36.0	4.39	1.83	56.9	3.5	61.5	
		V	16 45.5	1.04	0.77	1.8	<0.5	8.0	
		B	16 45.5	3.44	1.62	2.1	<0.5	11.0	
Nov. 1	11 02 -12 42	V	-	-	-	-	-	-	V 0.05
	14 25 -16 54	B	-	-	-	-	-	-	B 0.07

K. OSAWA, K. ICHIMURA, T. OKADA, M. YUTANI, H. KOYANO, K. OKIDA
 Tokyo Astronomical Observatory, November 28, 1973.