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PHOTOELECTRIC OBSERVATIONS OF YZ CMi

The flare star YZ CMi was monitored photoelectrically in the period of co-operative observations 9-23 January, 1972. The observations were carried out in the B-band with the 64-cm meniscus telescope. The observational results are given in Table 1,2 and figures.

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Table 1

Date, 1972	Coverage (U.T.)
Jan.9	18 00-18 28,19 00-19 08,20 39-20 45,20 47-20 48
14	18 04-19 03,19 04-19 44,19 48-21 41,21 45-22 33, 22 37-23 38,23 39-24 00
15	00 00-01 10,01 12-01 30
16	17 12-18 16,18 22-18 38
17	17 15-17 38,17 39-18 12,18 15-19 33,19 38-19 47, 19 50-20 58,21 02-21 33,21 34-22 41,22 43-24 00
18	00 00-00 33,00 37-01 41,01 43-01 50,17 05-17 15, 17 18-17 54,17 56-19 45
22	17 17-18 12,18 13-19 58,20 00-21 53,21 55-22 22, 22 26-23 16,23 21-23 43,23 48-24 00
23	00 00-00 14,00 19-01 04,01 10-01 31,17 26-19 54, 19 59-21 51,21 55-23 30,23 37-24 00
24	00 00-00 02,00 09-00 35,00 37-01 30

Table 2

Date	U.T.	$t_p$	$t_a$	$(I_f - I_0)/I_0$	$\sigma/I_0$	$P_B$	Notes
1972	maximum	minutes		maximum		minutes	
Jan.14	18 54.8	0.8	4.0	0.58	0.048	0.85	
	21 29.4	2.0	11.6	0.46	0.034	1.60	
	23 32.6	0.6	8.4	0.21	0.030	0.76	
	23 43.0	1.0	24.0	0.66	0.030	2.60	
15	00 55.8	5.2	> 35	1.15	0.034	14.2	
17	17 34.6	0.1	0.2	0.32	0.059	0.05	(1)
	18 03.2	1.0	16.0	2.36	0.049	5.61	(2)
	20 14.6	0.3	17.0	2.22	0.029	5.35	(3)
	21 28.2	0.8	4.0	0.36	0.024	0.69	
	22 16.0	0.3	15	0.27	0.018	1.27	(4)
	23 00.5	0.5	5.3	0.23	0.037	0.42	
22	18 59.4	1.0	4.2	0.69	0.035	1.14	
	20 03.5	0.9	10.3	0.42	0.021	2.28	
	21 25.7	2.0	55.3	5.64	0.027	29.5	
	23 00.0	0.4	24.8	8.17	0.030	10.8	
23	21 03.8	0.2	1.4	0.55	0.037	0.20	
24	00 21.5	0.2	1.5	0.59	0.030	0.17	

- 1 Isolated peak; light curve is not presented.
- 2 Secondary maximum at 18 01.8.
- 3 Secondary maximum at 20 20.3.
- 4 Secondary maximum at 22 14.

Errata

Please add to the Tables "Coverage" published in IBVS No. 615 and 616 respectively, the following (read in the Coverage-Table of No. 616 Sept. instead of Oct.):

Coverage

Sept. 16	(17 18-19 14,19 18-20 57,21 06-21 12,21 17-22 04, 22 07-22 19,22 24-23 01,23 05-23 34,23 37-24 00)
17	(00 01-00 03,00 09-00 32,00 40-01 06,01 25-01 46)
Oct. 15	(15 21-19 08,19 09-19 36,19 42-20 40,20 42-21 41, 21 43-21 58,22 00-22 09,22 11-22 40,22 42-23 21, 23 05-23 44,23 46-24 00)
16	(01 18-00 02,00 03-00 23,00 24-00 70)



