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INFORMATION BULLETIN ON VARIABLE STARS

NUMBER 411

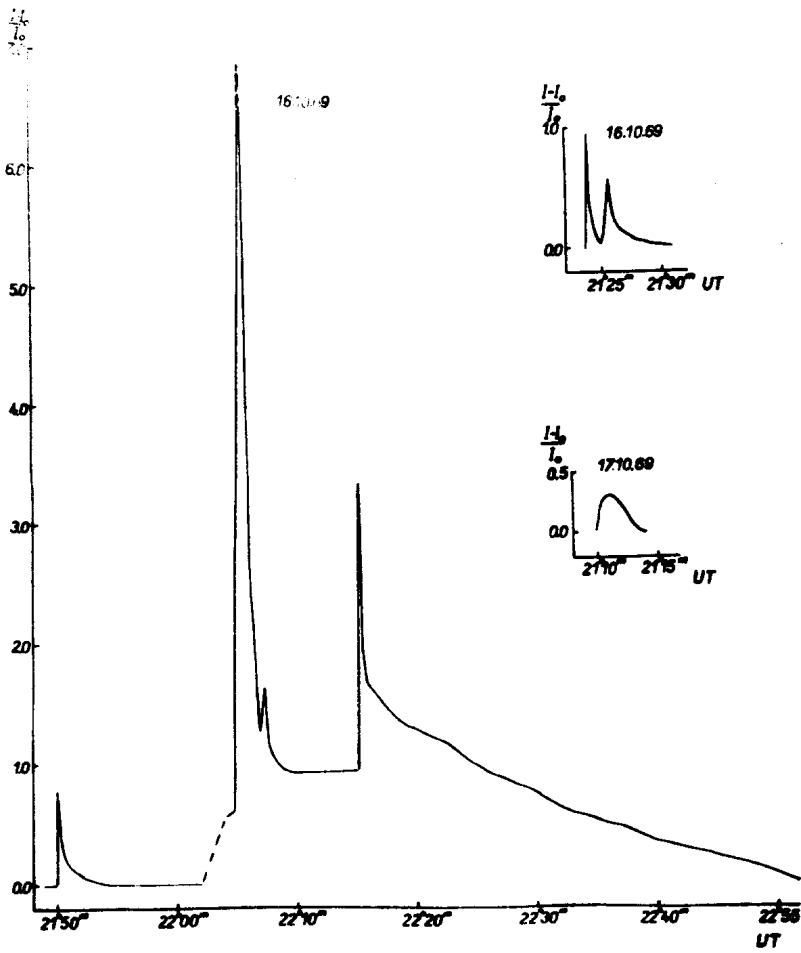
Konkoly Observatory
Budapest
1969 December 30

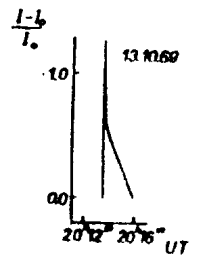
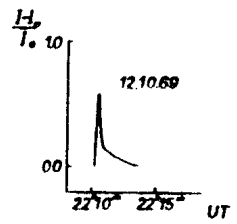
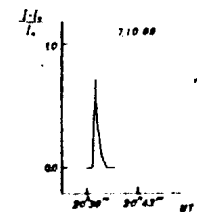
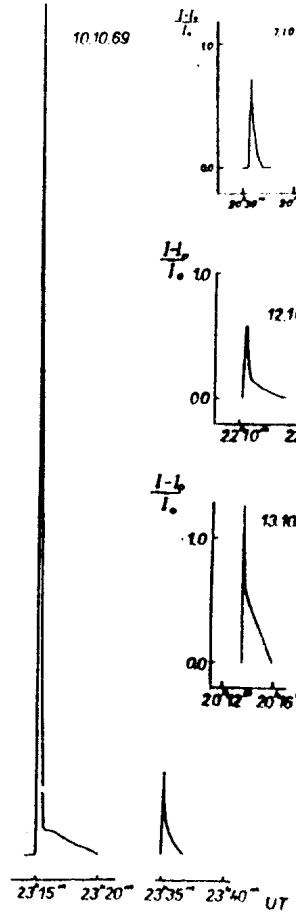
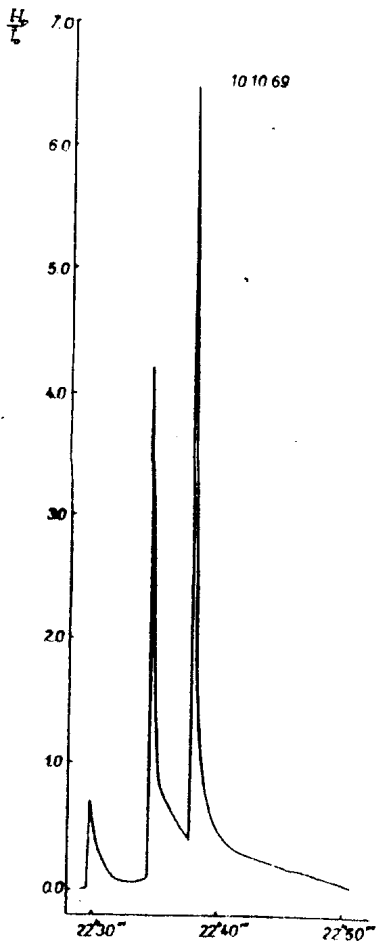
PHOTOELECTRIC OBSERVATIONS OF UV Cet

Twenty four flares of UV Cet were recorded in October 1969 when participating in the cooperative programme. Observations were carried out in the B photometric system using 64-cm meniscus telescope. The content of Tables I, II which follow is the same as for observations of EV Lac (I).

Table I

Date	UT of coverage
Oct. 7	19 ^h 18 ^m -20 ^h 24 ^m , 2026-2158, 2204-2210, 2319-2326, 2351-2400
8	0000-0001, 1925-2043, 2046-2215, 2224-2232, 2234-2310, 2314-2335, 2337-2345, 2348-2355, 2357-2400
9	0000-0004, 0008-0023, 0028-0057
10	(1900-1944, 1948-2017, 2020-2101), 2105-2400,
11	0000-0001, 0004-0102, 0105-0124, 1913-1949, 1951-2023
12	2046-2049, 2054-2106, 2112-2118, 2121-2231, (2235-2252, 2254-2301, 2307-2333)
13	1840-1913, 1915-2201, 2203-2235, 2240-2259, 2302-2304, 2308-2320, 2324-2331, 2333-2340, 2344-2400
14	0000-0006, 0010-0049, 0053-0055, 1902-1903, 1906-1956, 1958-2209, 2212-2308, 2315-2400
15	0000-0003, 0007-0024, 0027-0100, 1838-2328, 2332-2346
16	0041-0050, 0054-0105, (1943-2057), 2113-2201, 2204-2302, 2305-2400
17	0000-0003, 0005-0006, 0010-0019, 0024-0031, 0034-0048, 0050-0053, 1831-2042, 2056-2336, (2338-2345)





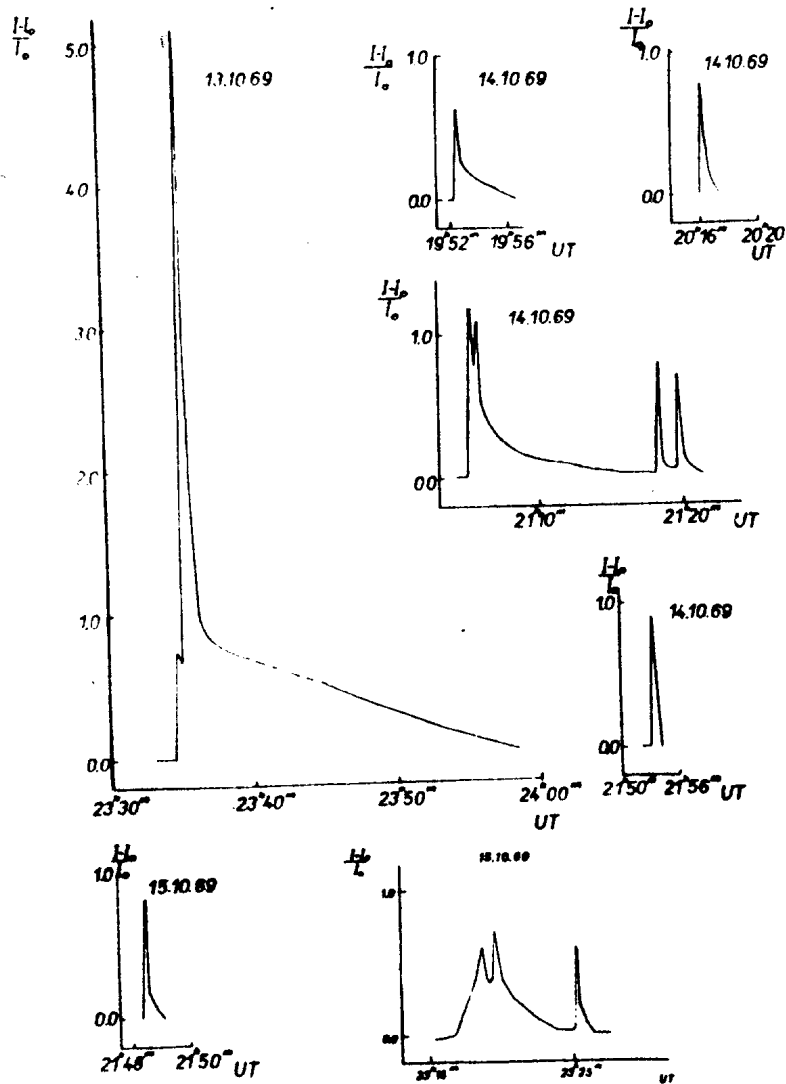


Table II

Date and UT offflare maximum	t_b	t_a	Δm_B	σ/I_0	P	M(z)
Oct. 7 20 ^h 38 ^m 4	<0.1	0.6	0.55	0.12	0.21	2.52
10 22 29.8	0.2	4.6	0.57	0.12	0.72	2.21
10 22 34.5	0.1	3.2	1.79	0.12	3.04	2.22
10 22 37.9	0.2	13	2.18	0.12	5.12	2.23
10 23 15.1	0.1	5.0	>2.23	0.10	2.32	2.36
10 23 35.2	0.2	1.5	0.55	0.09	0.34	2.48
12 22 10.5	0.3	3.1	0.50	0.07	0.48	2.20
13 20 13.5	<0.1	2.5	0.89	0.12	0.76	2.53
13 23 35.3	0.9	23	1.96	0.10	12.4	2.58
14 19 52.4	0.2	4.1	0.54	0.10	0.60	2.69
14 20 16.1	0.1	1.3	0.63	0.10	0.36	2.48
14 21 05.3	0.3	13.2	0.87	0.12	2.36	2.25
14 21 18.4	0.2	1.2	0.63	0.10	0.24	2.22
14 21 19.7	0.1	1.6	0.58	0.10	0.20	2.22
14 21 54.2	0.2	0.6	0.70	0.09	0.36	2.19
15 21 48.9	0.3	1.3	0.66	0.09	0.36	2.19
15 23 19.4	2.8	5.0	0.54	0.06	1.92	2.51
15 23 25.5	1.1	1.7	0.37	0.06	0.52	2.56
16 21 23.9	0.2	1.1	0.73	0.11	0.34	2.20
16 21 25.6	0.6	5.4	0.50	0.11	0.72	2.20
16 21 50.0	0.1	4.0	0.63	0.11	0.48	2.20
16 22 05.3	(3.3)	9.9	>2.18	0.09	16.9	2.44
16 22 15.2	0.1	37	1.59	0.09	25.6	2.51
17 21 11.0	1.0	3.0	0.28	0.10	0.72	2.21

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(1) P.F.Chugainov, N.I.Shakhovskaya "Photoelectric observations of EV Lac", I.B.V.S. No.413, 1969

Correction to IBVS 405: The time of monitoring of 1969 Sep 20 should be read 15^h05^m-19^h06^m (instead of 15^h50^m).