

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

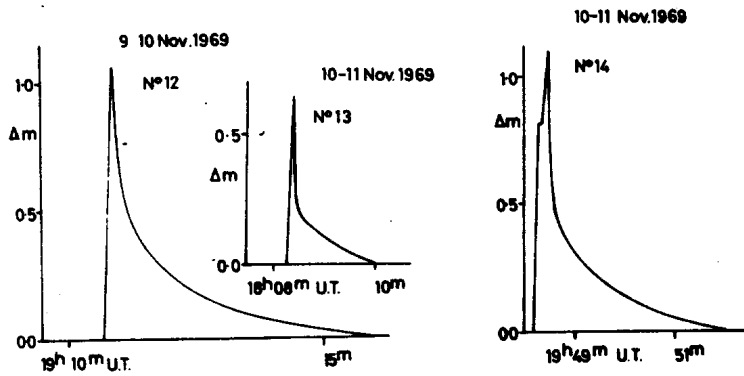
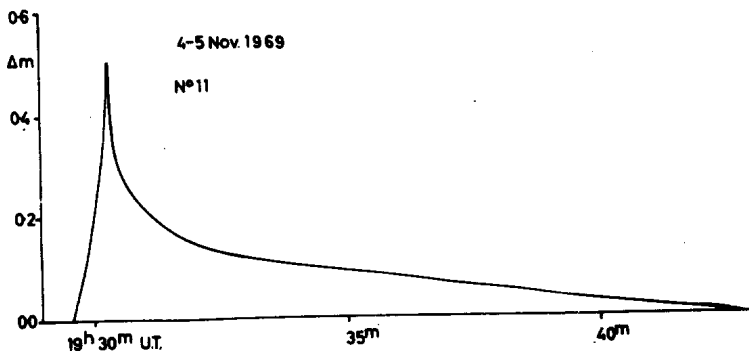
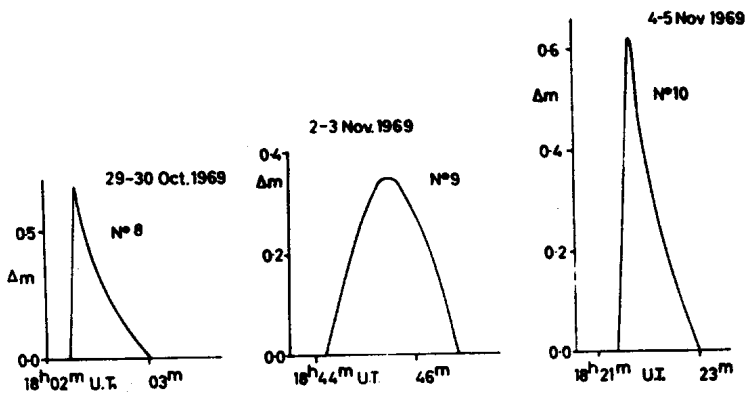
NUMBER 412

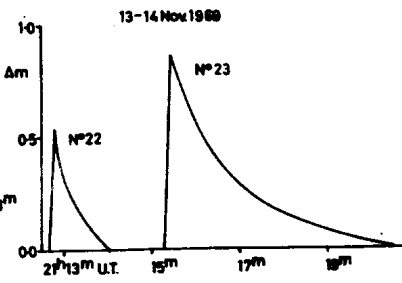
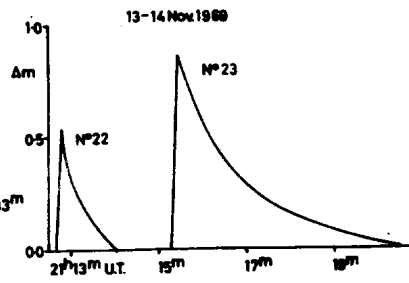
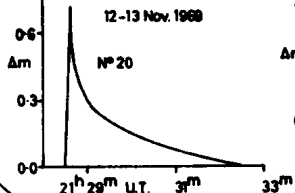
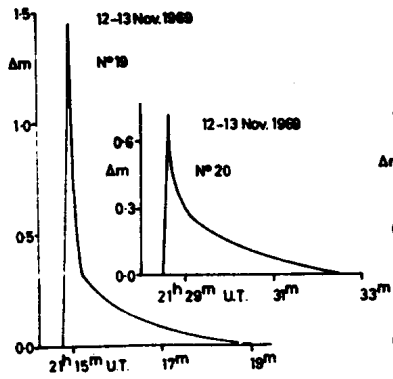
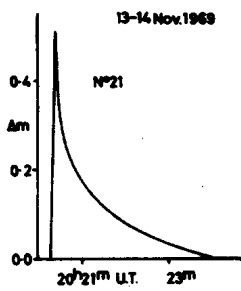
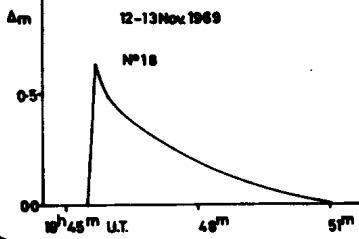
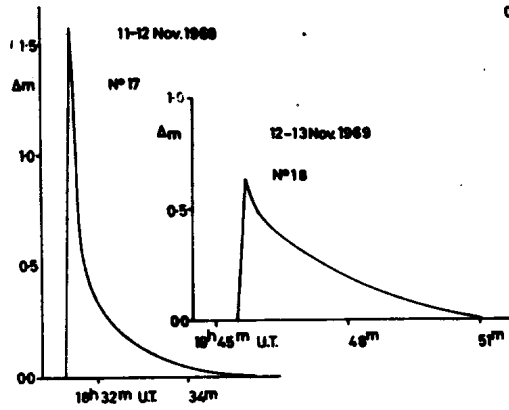
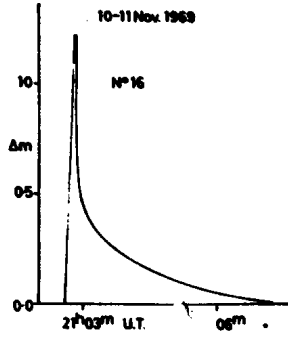
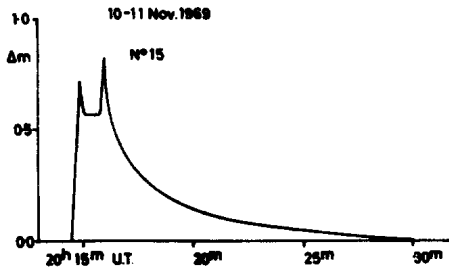
Konkoly Observatory  
 Budapest  
 1970 January 7

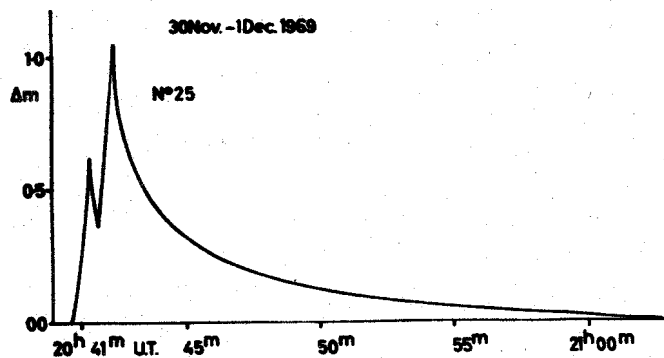
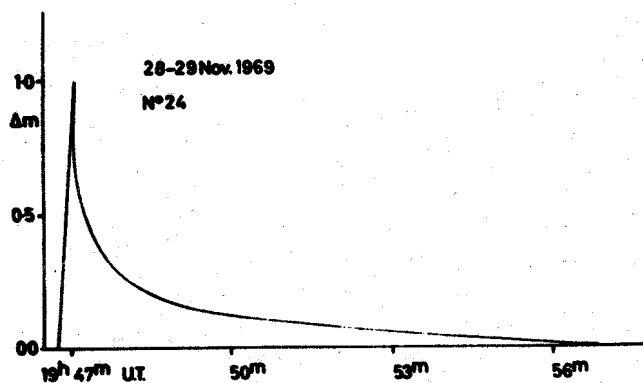
FLARE ACTIVITY OF UV Ceti

Further observations of UV Ceti were made at Boyden Observatory following the recent International Observational period of 3 - 18th October, as part of the flare star programme of the Department of Astronomy of the University of the Orange Free State. The seven flares observed during that period were the subject of a previous communication to IBVS. Relevant details are given in the table. A total of 18 flares were recorded over the period.

Date	U.T.	Total hours per night	Flare No.	U.T. of flare	Duration	$\Delta m$
Oct. 28	18 <sup>h</sup> 22 <sup>m</sup> -19 <sup>h</sup> 00 <sup>m</sup>	0 38				
29	1750-2017	2 27	8	18 <sup>h</sup> 02 <sup>m</sup> 5	0.75	0.68
30	1840-2112	2 32				
Nov. 2	1800-2106, 2120-2139	3 25	9	18 44.2	2.80	0.35
4	1806-2053, 2117-2230	4 00	10	18 21.4	1.60	0.62
			11	19 29.6	12.90	0.52
9	1900-2035, 2051-2151	2 35	12	19 10.7	5.30	1.06
10	1806-1952, 2007-2030 2041-2136	3 04	13	18 08.3	1.70	0.65
			14	18 48.2	3.80	1.10
			15	20 14.5	15.50	0.82
			16	21 02.6	4.40	1.22
11	1808-1923	1 15	17	18 31.3	4.20	1.58
12	1800-2021, 2029-2228	4 20	18	19 45.5	5.50	0.64
			19	21 14.8	4.20	1.45
			20	21 28.5	4.00	0.72
13	1834-2014, 2019-2258	4 1	21	20 20.3	3.70	0.51
			22	21 12.7	1.30	0.54
			23	21 15.3	5.20	0.87
28	1822-2056	2 34	24	19 46.8	10.20	1.0
30	1955-2128	1 32	25	20 40.9	22.10	1.04
Total		32 <sup>h</sup> 41 <sup>m</sup>				







The 40 cm Nishimura reflector was used to monitor the flares along with a Johnson B. Filter and E.M.I. type 6256 photomultiplier tube.

A.H. JARRETT and J.P. EKSTEEN  
Boyden Observatory,  
Department of Astronomy,  
University of the Orange Free State.  
BLOEMFONTEIN. Rep. of South Africa.