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PHOTOMETRY OF AD Leo

Over the period 1st to 15th March 1970, observations were made at Boyden Observatory of AD Leo as part of the International Co-operative Programme.

The 40 cm Nishimura Reflector was used in this work fitted with a Johnson B. Filter and a solid CO₂ cooled E.M.I. 6256 photomultiplier tube.

As evident from the table the monitoring time totalled 41^h07^m. Three flares were recorded, each of low intensity.

Flare No.1. is interesting in that it was of relatively long duration (approximately 13 minutes) similar to one previously reported (A.H. Jarrett and J.P. Eksteen MNASSA Vol XXVIII, page 70).

Monitoring table of AD Leo

1970 March	U.T.	Total hours per night	Flare no.	U.T. of flare	Dura- tion	Δm
1	18.31-19.50, 20.54-21.25	1 ^h 50 ^m				
2	18.18-20.42, 21.05-23.00	4 19	1	19 ^h 24 ^m .4	12 ^m 6	0.31
3	18.07-23.05, 23.22-00.12	5 48				
4	20.40-23.48	3 08				
5	18.05-21.57, 22.04-00.34	6 22	2	14 41.9	5.1	0.30
6	18.01-21.20, 21.32-22.32	4 19	3	21 53.2	4.1	0.28
9	17.56-22.45, 22.52-00.15	6 12				
10	17.47-22.45	4 58				
11	17.52-22.03	4 11				
	Total	41 ^h 07 ^m				

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