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FLARE-UPS IN STARS OF THE PLEIADES FIELD

In course of searching for flares in the Pleiades five new flares were observed during 7.6 hours of effective observational time in the period from September 7, 1974 to March 18, 1975. Among the stars flared up four new flare stars were discovered. The observations were made with the 24/36/72 inch Schmidt-telescope of the Konkoly Observatory on Kodak 103a-0 plates through a UG₁ - 2 mm thick - filter. The exposure time was 7 or 10 minutes. The informations about our flares are summarized in the table.

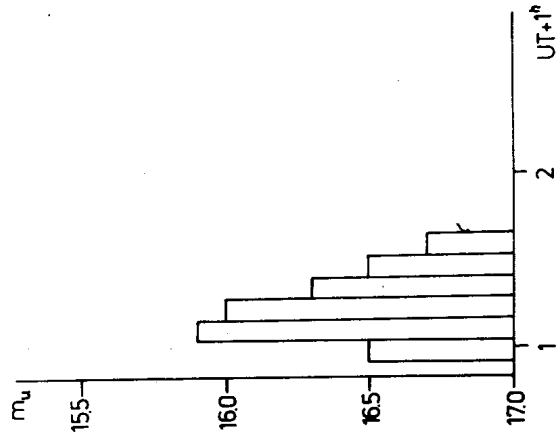
Figures Nos. 1-5 show the brightness of the flares plotted against time.

Table

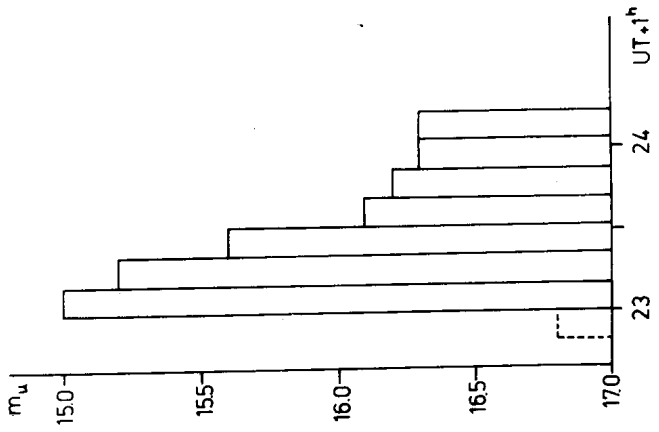
No.	Design.	RA 1900	D 1900	m_U	$m_{U_{min}}$	Date
1	K31	3 ^h 47 ^m 1	+24 ^o 47'	0,8	16,7	Nov. 9, 1974
2	K32	3 49,9	24 35	≥1,8	≥16,8	Nov. 9, 1974
3	K33	3 41,2	22 20	1,3	16,5	Nov.10, 1974
4	K34	3 41,9	23 01	2,3	17,6	Nov.10, 1974
5	K35=B363	3 41,3	23 31	≥4,3	≥18	Nov.10, 1974

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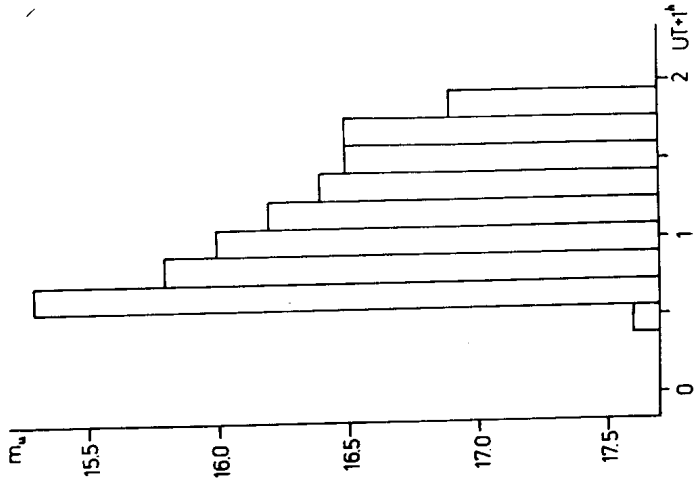
No. 1. 9. 11. 1974.



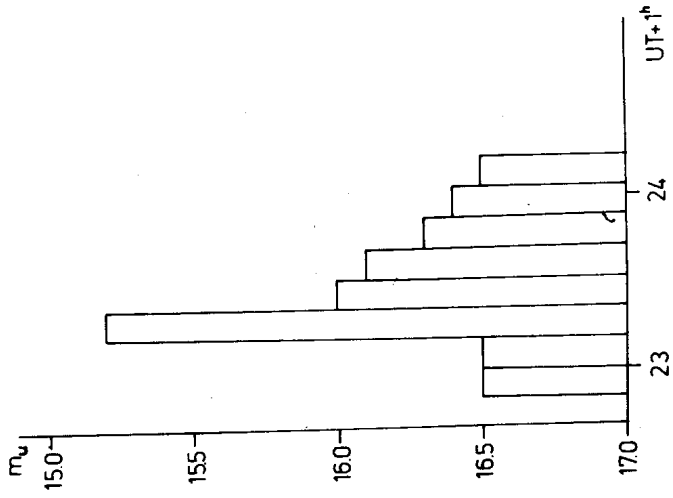
No. 2. 9. 11. 1974.



No. 4. 10. 11. 1974.



No. 3. 9. 11. 1974.



No. 5 10. 11. 1974.

