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FLARE STARS AND FLARE-UPS IN THE PLEIADES REGION

By the program of flare star observations in stellar clusters and aggregates systematic investigations of the Pleiades field were continued on during the past years. The method of the observations was the same, as it was published earlier (1,2,3,4). In Asiago the plates were taken by the 67/90 cm Schmidt-telescope, at the Konkoly Observatory by the 60/90 cm Schmidt (on the Mt. Máttra, at Pizskéstető).

Here we bring the results of our survey as follows: first column - designation/s/ of the object (A=Asiago, B=Byurakan, K=Konkoly and T=Tonantzintla); second column - coordinates for 1900.0; third column - minimum brightness of the object; 4th column - amplitude of the observed flare; 5th column - date of the phenomenon.

Table I

1	2		3	4	5		
Object	α	δ	minimum	ampl.	date	of	flare-up
A 151	3 ^h 39 ^m 58 ^s	23 ^o 09'2"	17 ^m pg	1 ^m .3	17	12	1973
A 152	46 09	26 4.4	17.1 pg	1.6	18	12	1973
A 153=A 104= = H II 1485	41 40	24 35.0	15.3 pg	1.0	26	12	1973
A 154=T 79	39 37	24 54.8	16.6 pg	1.8	28	12	1973
A 155	42 32	22 41.1	16.9 pg	0.9	29	12	1973
A 156=T 63	34 07	24 10.6	17.0 pg	1.3	21	01	1974
K 36	38 00	25 32	16.9 U	3.3	24	11	1975
K 37=B 178	47 12	25 14	18.7 U	2.8	24	11	1975
K 38	50 00	22 49	16.5 U	1.3	24	11	1975
K 39	39 00	24 27	17.9 U	5.4	24	11	1975
K 40=T 12b	47 24	25 38	18.3 U	2.3	24	11	1975
K 41=B 118	37 21	24 20	18.5 U	4.2	25	11	1975
K 42	42 42	23 28	16.5 U	1.6	25	11	1975
K 43=A 95= =B 115=T 159	46 24	24 17	17.2 U	1.9	26	11	1975

Table I (cont.)

K 44	37 00	23 12	18.5 U	4.0	26 11	1975
K 45	46 00	23 58	18.0 U	1.5	26 11	1975
K 46	45 00	21 36	17.2 U	1.2	26 11	1975
K 47	44 30	24 05	17.5 U	1.3	18 02	1976
K 48	38 42	25 28	17.9 U	1.2	18 02	1976
K 49=A 85= =T 86	42 36	22 07	18.7 U	2.7	18 02	1976
K 50	44 36	24 35	16.6 U	1.5	18 01	1977

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