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FLARE STARS IN THE PLEIADES

In September 1980 the photographic monitoring observations in the Pleiades region were continued according to the joint programme of investigation on the flare and nonstable stars in the stellar aggregates between the National Astronomical Observatory of the Bulgarian Academy of Sciences and Byurakan Astrophysical Observatory of the Armenian Academy of Sciences. 10 plates with total time of effective observations  $9^{\text{h}}40^{\text{m}}$  were obtained with the 40"/52" Schmidt telescope at Byurakan Astrophysical Observatory.

Table I

Number	HII	RA(1900.0)	D(1900.0)	$m_{U\text{min}}$	$\Delta m_U$	Date (UT)
1		$3^{\text{h}}33^{\text{m}}.5$	$24^{\circ}39'$	$15^{\text{m}}.6$	$1^{\text{m}}.5$	11.09.1980
39		37.1	24 30	18.3	3.8	13.09.1980
91		43.8	21 52	16.6	2.1	9.09.1980
101		33.2	24 25	18.8	4.0	10.09.1980
118		37.3	24 20	18.5	2.9	10.09.1980
270	1532	41.7	23 26	16.2	0.8	11.09.1980
473		41.6	22 04	17.0	0.6	9.09.1980
Anon.		33.8	23 35	20.0	4.8	10.09.1980

In Table I some informations about the observed flares are summarized and the successive columns give the following data:

1. Number of the flare star in the Pleiades according to the General Numeration
2. Hertzsprung number
- 3.-4. Coordinates for 1900.0
- 5.-6. Photographic magnitude at minimum and amplitude of the observed flare in U-light
7. Date of the flare event (U.T.).

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