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FLARE STARS IN ORION

We have continued the survey for flare stars in the region of Orion nebula. On the plates taken with the 40" and 21" Schmidt telescopes of Byurakan Observatory we discovered nine flare events of the stars around the Orion nebula.

The total time of effective coverage was 14 hours in pg- and 17 hours in the U-band. In most cases the plates were taken with the multiple and equal exposure method.

Table 1

Designation	RA	D	m_{\min}	Δm	Data	Telescope
No. No.	No.	(1950)	(1950)	(pg) (u)	(pg) (u)	
Haro Pare- nago						
1	5 ^h 32.7	-5 ^o 49'	16. ^m 5	1. ^m 2	25.10.1962	40"
2	198 1215	31.2 -4 15	17.5	2.4	14.01.1964	40"
3		40.3 -5 51	16.5	1.3	12.02.1964	40"
4		32.4 -5 47	16.5	1.5	03.10.1970	40"
5		32.0 -5 03		18.0	4.5	07.03.1975 40"
6		34.3 -5 38	17.5	2.3	08.03.1975	21"
7		41.1 -4 56		>20.0	>6.5	08.03.1975 40"
8		29.2 -7 13		18.7	5.2	10.11.1977 40"
9		31.7 -5 58		17.6	2.1	07.11.1977 40"

The informations about the flare events of the stars No.1 and No.6 have already been published: L.V. Mirzoyan, *Astronomicheskij Cirkular* No.294, 1964; H.S. Chavushian, N.D. Melikian, *Astrofizika*, 13,199, 1977.

Table 1 gives the data for the nine flare stars found. The Haro and the Parenago numbers are also given, the coordinates and magnitudes are approximate.

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