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REPEATED FLARE-UPS ON FLARE STARS IN NGC 7000 REGION

In the program of systematic search for flare stars in different stellar aggregates, series of ultraviolet multiple exposure plates have been obtained with the 40" Schmidt telescope of Byurakan Observatory. The centre of observed field is : $20^{\text{h}}52^{\text{m}}$; Dec = $+43^{\circ}00'$ (1950). The observations were made on Orwo ZU-2 emulsion through a Schott UG-1 filter.

In the course of a re-examination of the photographic plates taken between 1979 and 1980 (IBVS No. 2339) four flare-ups were discovered on already known flare stars. The data for registered flare repetitions are presented in Table I. The Tonantzintla or Byurakan designation is also given.

Design.	RA(1950)	Dec(1950)	Table I		Date
			m_u	Δm_u	
T2	$20^{\text{h}}57^{\text{m}}.3$	$42^{\circ}26'$	$15^{\text{m}}.6$	$1^{\text{m}}.6$	16.10.1979
B12	20 56.2	43 41	18.0	2.0	19.10.1979
B16	20 40.1	40 03	19.0	2.8	17.10.1979
B43	20 51.7	41 33	20.5	6.4	24.10.1979

New series of observations were carried out in this Cygnus region in 1981 and 1984 with an effective coverage of 40 hours. During the examination of this photographic material, however, we did not discover any flare-ups.

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