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PHOTOELECTRIC OBSERVATIONS OF BY Dra IN 1980 AND 1982

Photoelectric monitoring of the red dwarf star (flare star) BY Dra has been carried out at the mountain station of the Konkoly Observatory of the Hungarian Academy of Sciences in 1980 and 1982, using the 20 inch Cassegrain telescope. The observations were made by a single channel photoelectric photometer in the Johnson B and UVB colours in 1980 and 1982, respectively. In 1980 the registration of the observations was made by a chart-recorder, while in 1982 by a computer managed photometer with 5 or 10 sec integration time.

The monitoring intervals in UT, the mean scatter of the observations and the total monitoring time for each night are given in the Table. Any interruption of more than one minute has been noted.

During the observations no flare event was recorded.

Table

Date	Monitoring intervals (U.T.)	Scatter	Total monitoring time
1980 June 12/13	21 ^h 26 ^m 30 ^s - 21 ^h 54 ^m 00 ^s 21 59 00 - 22 25 00 22 31 00 - 22 41 00	0.016	1 ^h 3 ^m .5
1980 August 6/7	21 ^h 49 ^m 30 ^s - 22 ^h 16 ^m 00 ^s 22 26 30 - 22 46 00	0.013	1 ^h 26 ^m

Table (cont.)

Date	Monitoring intervals (U.T.)	Scatter	Total monitoring time
1980 August 6/7	23 ^h 28 ^m 30 ^s - 23 ^h 53 ^m 30 ^s 0 01 00 - 0 23 00 0 27 30 - 0 47 00		
1982 May 26/27	21 ^h 18 ^m 00 ^s - 21 ^h 35 ^m 00 ^s 21 49 00 - 22 10 00 22 16 00 - 22 34 00 22 40 30 - 22 57 00 23 06 00 - 23 25 00 23 32 00 - 23 50 30 23 58 00 - 0 17 00 0 24 00 - 0 43 30 0 49 00 - 0 58 00	0.005 (V) 0.006 (B) 0.012 (U)	2 ^h 37 ^m
1982 June 28/29	23 ^h 52 ^m 30 ^s - 0 ^h 11 ^m 00 ^s 0 16 00 - 0 35 00 0 40 00 - 0 48 00	0.006 (V) 0.006 (B) 0.022 (U)	45 ^m .5
Total:			5 ^h 52 ^m

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