

COMMISSION 27 OF THE I. A. U.
 INFORMATION BULLETIN ON VARIABLE STARS

NUMBER 353

Konkoly Observatory
 Budapest
 1969 June 2

THE FLARE STAR V645 (PROXIMA) Cen

V645 Cen was selected for monitoring by members of the V.S.S., RASNZ during 1969 March. The selected period coincided with bad weather over N.Z. and only 15 hours of coverage was possible. All observations were visual. A summary of coverage and times of four suspected flares are given below.

1969	U.T.	OBSERVERS
March 14	1200-1500	Wk
15	0906-1440	Ci; En; Hv; Mf; MA; Wk.
18	0920-1030; 1045-1145; 1235-1336.	Bt
19	0850-0932	Ce
22	0920-1009; 1052-1105; 1122-1304	MJ.

Total Coverage: - 15^h 1^m (Observers: - F.M.Bateson (Bt); G.W.Christie (Ci); S.Clements (Ce); R.W.Evans (En); S.R.Hovell (Hv); B.F.Marino (MA); G.McCallum (MJ); B.Menzies (Mf); W.S.G.Walker (Wk).

SUSPECTED FLARES

1969	U.T.	Δm_{vis}	DURATION mins	OBSERVER
March 15	12 ^h 39.25	0.4	7	Mf
18	09 46.5	0.4	6	Bt
	11 01.0	0.3	6	Bt
	12 37.75	0.8	10	Bt

Charts 152 and 153 (1) were used with the sequence shown thereon. A discussion of the results appears in Circular 137 (2).

Mt. John Observatory
 1969 May 17

F.M. BATESON

REFERENCE

- (1) BATESON, F.M.; Jones, A.F. and Stranson, I. Charts for Southern Variables Series 5. 1968. Published by F.M. Bateson
- (2) Circular 137, V.S.S., RASNZ. 1969