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VISUAL OBSERVATIONS OF THE FLARE STAR EV LACERTAE

During the September 1969 international observing session of the flare star, EV Lac, the star was patrolled for 32 hours by visual observers in the United Kingdom. Hours of coverage in Universal Time are tabulated below. Visual magnitude estimates using the comparison sequence given by Andrews and Chugainov (Ref.1) revealed no brightness variations greater than about $+0^m.1$. The 12th magnitude optical companion a few seconds of arc to the west of EV Lac was well resolved at Armagh, and the flare star estimated to be at magnitude 10.0 throughout the observing period. Although this result suggests that EV Lac was brighter by $0^m.25$ than given photoelectrically (Ref.1) this difference cannot be established with certainty by our visual technique with the available standards.

1969	U.T.	Observers
Sept 7	2206-2400	A
8	0000-0100, 0106-46	A
	2138-48, 2235-2305, 2313-2400	A
9	0003-14	A
10	2210-2335	G
11	0015-0110, 2053-2400	G, J, JM, P, A
12	0000-14, 0019-0146, 2335-55	G, J, JM, P, A
13	0000-15, 2005-2400	G, E, C, J, PJ, P
14	0000-07, 0011-0129	E, C, J, PJ, P
15	2059-2109, 2302-55	L, A, JM
16	0002-50, 2040-2152, 2300-55	L, PM, G, RLo
17	2235-2355	G, AG, CM
18	0000-0225, 1953-2205	G, JM, P
20	2255-2355	L
21	0007-0130	L
24	2106-2230	L

Total Coverage 31^h57^m (Observers: A.D.Andrews, K.Y. Cheng, M.S.Ennis, J.S.Glasby, A.Grayson, P.Johnston, W.Johnston, R.J.Livesey, R.S.Lomas, J.McFarland, P.A.Moore, C.R.Munford, J.Perrott)

REFERENCE

1) A.D.Andrews and P.F.Chugainov, I.B.V.S. No.370 (1969).

Armagh Observatory
 November 19, 1969.

A.D. ANDREWS