

THE ASTRONOMER Electronic Circular No 469 1990 Dec 27 18.36UT
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 TELECOM GOLD: 10074:MIK2885 PRESTEL 256471074

TAV 0033+59 (cf E459)

Mike Collins reports a further fade in this B0e star which has been confirmed by G. Hurst. Available results to date:

Date	mag	Frame no.	
1954 Aug 8	10.8B	Lick Atlas	
1969 Jul 22	10.7B	Atlas Stellarum	
1976 Aug 5	10.7pv	Papadopoulos Plate 421	
1976 Aug 31	10.6pv	Papadopoulos Plate 398	
1978 Dec 4	10.6	A. Poole using K2475	
1982 Jan 27.87	10.7pv	J. Grills using Tri-X	
1988 Nov 3.9	10.4	3-6, 7	
... 13.9	10.3?	5-9, 10	
... 18.9	10.4?	8-1, 2	trailed
Dec 5.0	10.5	10-13, 14	
... 19.8	10.5	13-5, 6	
... 28.8	10.5	15-5, 6	
1989 Jan 10.8	10.5	18-5, 6	
... 26.8	10.5	26-8, 9	
Feb 10.9	10.6	38-7, 8	
Mch 11.9	10.6	48-2, 3	
May 31.0	10.8	83-7, 8	
Jne 30.1	10.9?	94-12, 13	
Aug 5.0	10.7	106-3, 4	
Sep 3.0	10.7	116-3, 4	
Oct 2.9	10.5	124-9, 10	
Nov 29.9	10.4	145-6, 7	
1990 Jan 19.9	10.5	156-7, 8	
Jne 5.0	10.6	213-2	
Jly 12.9	10.5	225-5, 6	
Aug 17.0	10.7	235-7, 8	
Sep 9.9	10.7	237-E	
... 17.9	10.8	242-A, B	
... 24.9	10.8	246-1, 2	
Oct 28.8	11.0	260-5, 6	
Nov 7.9	11.3pv	Collins	
Dec 5.8	11.8pv	Collins	
25.74	11.9v	Hurst	
27.76	11.8v	Hurst	

The values accompanied by frame nos are approx pv from M. Collins. The latest results thus represent the faintest magnitudes from available records. Regular monitoring and results from any previous photographs are URGENTLY REQUIRED.

CY UMa

Patrick Schmeer, Germany, reports that CY UMa was seen on 1990 Dec 27.13UT at 13.3v. The previous outburst details are on E445.

Guy M Hurst