

1993 April 25

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NOVA OPHIUCHI 1993

Paul J. Camilleri, Cobram, Vic., Australia, e-mails his discovery of an apparent nova on T-Max patrol films taken with an 85-mm camera lens. This is the ninth nova discovery by this TA subscriber.

The object is located at R.A. = 17h22m.1, Decl. = -23 09' (1950). The following magnitude estimates are available: Apr. 1.77 UT, [12 (Camilleri); 14.54, 9.5 (Camilleri); 16.68, 9.5 (Camilleri); 17.50, 9.5 (P. F. Williams, Heathcote, N.S.W); 17.52, 9.5 (Camilleri); 18.69, 9.3 (S. Takahashi, Japan); 20.08, 9.4 (B. Granslo, Norway). There is no image visible at this location on Atlas Stellarum (1970 Apr. 6) or the Union Observatory Prints (1921 June 4) [mag 14. Rob McNaught reports precise positions from an exposure on 1993 Apr 17.5UT using the Uppsala Southern Schmidt at Siding Spring:
RA 17h25m06.42s DEC -23 11'10.7" [2000]
17 22 04.41 -23 08 32.2 [1950]

The Norwegian result illustrates the nova can be reached from more northerly latitudes and a chart and sequence follow:

Chart 60' field

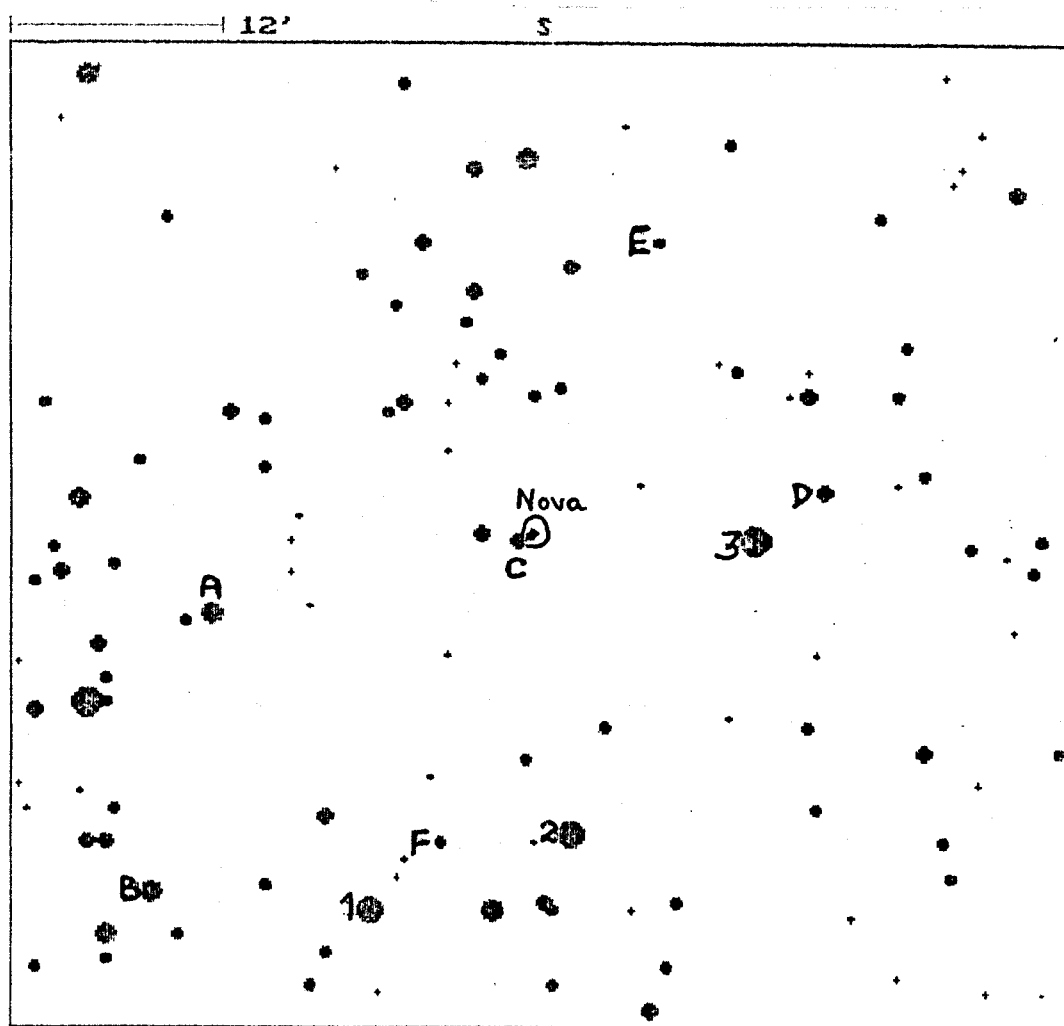
South up
West left

3 8.19
1 8.60
2 9.35
A 9.98
B 10.39
C 10.94
D 11.24
E 11.69
F 12.18

Nos: M. Morel
Letters:
GSC mean of
two values
in each
case.

Seq Ref:

N/023.01



VARIABLE STAR NOTES

Due to production constraints the April VS volume was held over to May but also appeared in VSC 58 and VSC 59 issued 1993 Apr 22.
Guy M Hurst