

1994 June 4

EARLY WARNING CIRCULAR 140

THE ASTRONOMER

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NOVA OPHIUCHI 1994

S. Nakano, Sumoto, Japan, reports the discovery by Akihiko Tago (Yanahara-cho, Kume-gun, Okayama) of an apparent nova of mag 7.0 on T-Max 400 exposures taken with a 50-mm f/2.8 camera lens on June 1.647 and 2.672 UT; the star was not visible on his patrol films through May 20. Nakano forwards the following position from Y. Kushida, Yatsugatake South Base Observatory:

R.A. = 17h35m44s.61, Decl. = -19°19'34".1 (equinox 2000.0);

the corresponding 1950.0 position is

R.A. = 17h32m47s.56, Decl. = -19°17'41".8.

A measurement from A. Sugie, Dynic Astronomical Observatory, gives the end figures as 44s.62 and 33".9 (equinox 2000.0). Additional magnitude estimates:

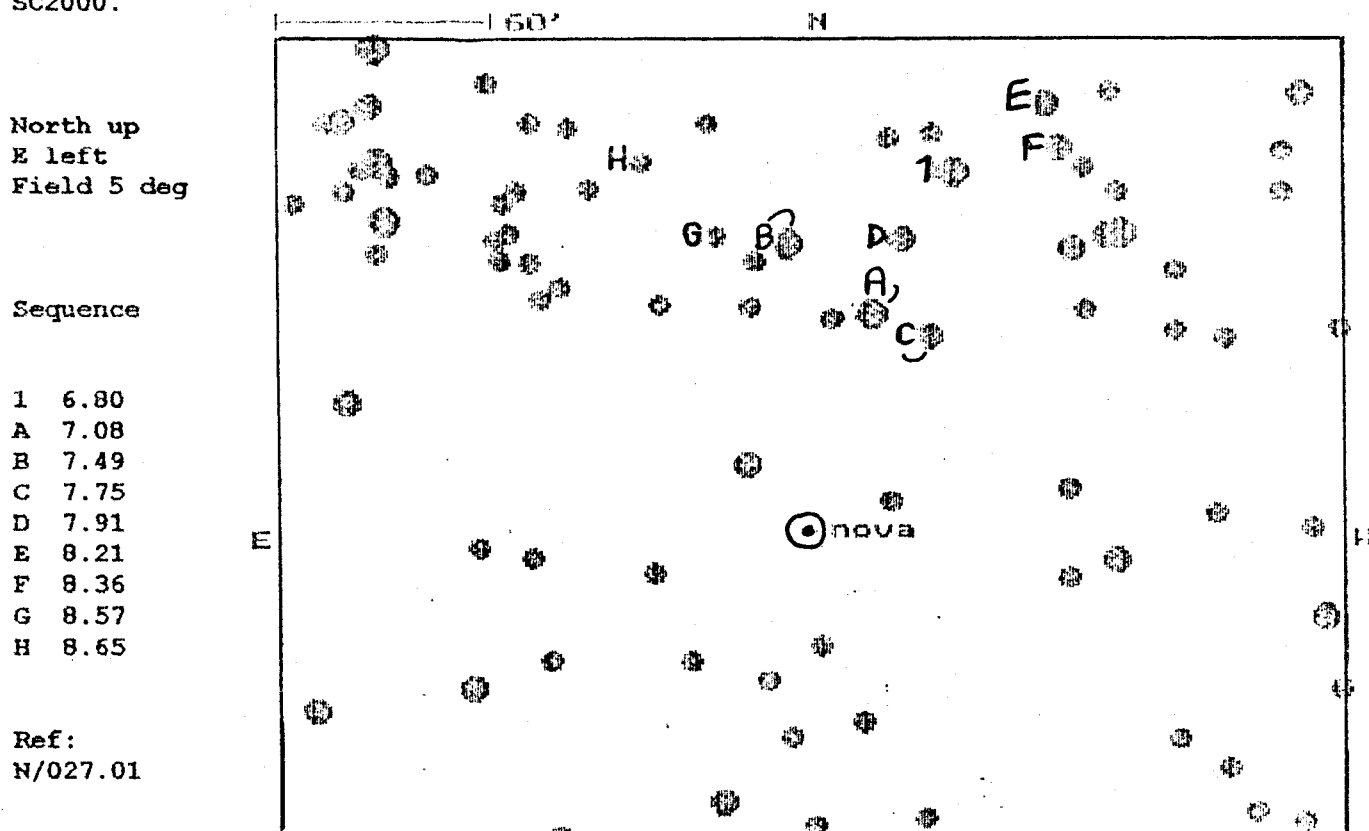
May 16.63, [9 (M. Sugano, Kakogawa, Hyogo; Tri-X film); June 1.73, 7.5-8

(Sugano); 2.621, 6.5 (Minoru Yamamoto, Okazaki, Aichi; independent discovery on T-Max film); 3.54, 8.5 (Kushida, visual); 3.557, 7.9 (Kushida; T-Max 400 film); 3.617, 7.8 (S. Takahashi, Dynic Astronomical Observatory; visual).

IAUC 6001

The chart below has been derived from the GSC CD Rom using CHART.EXE by N. James (now available from TA for £10 post paid).

The sequence was proposed by Hans Bengtsson in Sweden and is based on the Hipparcos Input Catalogue except for star 1, added by the Editor and based on SC2000.



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Guy M Hurst