

EARLY WARNING CIRCULAR 135  
THE ASTRONOMER

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POSSIBLE NOVA IN AQUILA

Tomohiro Hirayama, National Astronomical Observatory, Mitaka, Tokyo reports via the 'NovaNet' system:

"Minoru Yamamoto, Okazaki-shi, Japan, reports his discovery of an apparent nova with a 300-mm (focal length) f/4 camera + T-Max 400 film + P00 green filter at:

R.A. = 19h10m.5, Decl. = +1 28' (equinox 1950.0).

Magnitude estimates: May 14.644 UT and May 14.647 UT, 7.6

(Yamamoto, photographic); May 14.779 UT, 7.6 (Yukio Sakurai, Mito, Japan, cf. IAUC 4492; 135-mm f/2.8 camera + Fuji HG-400 color film; by re-examination of his exposure on Yamamoto's discovery);

May 15.604 UT, 7.9 (Yamamoto, visual); May 15.648 UT, 7.6

(Yamamoto, photographic). Yamamoto notes that no object appears to mag 10 on Apr. 17.780 UT with the same instrument. Yamamoto and Sakurai report that the color is not reddish. Tomohiro Hirayama National Astronomical Observatory, Mitaka, Tokyo 181 Japan".

In response to this the Editor alerted Mike Collins, Everton, Beds, UK to establish if he had photographs of the object. He has responded confirming that on two photographs for the UK Nova/Supernova Patrol of 1993 May 15.009UT (3m42s exposure) and 15.011UT (3m03s exposure) there is an apparent new object of magnitude 7.6pv. (Kodak 2415, hypered, 135mm telephoto lens f2.8). By reference to three SAO stars, Mike Collins calculates the following position:  
RA19h10.57m DEC +01 29.27' [1950]

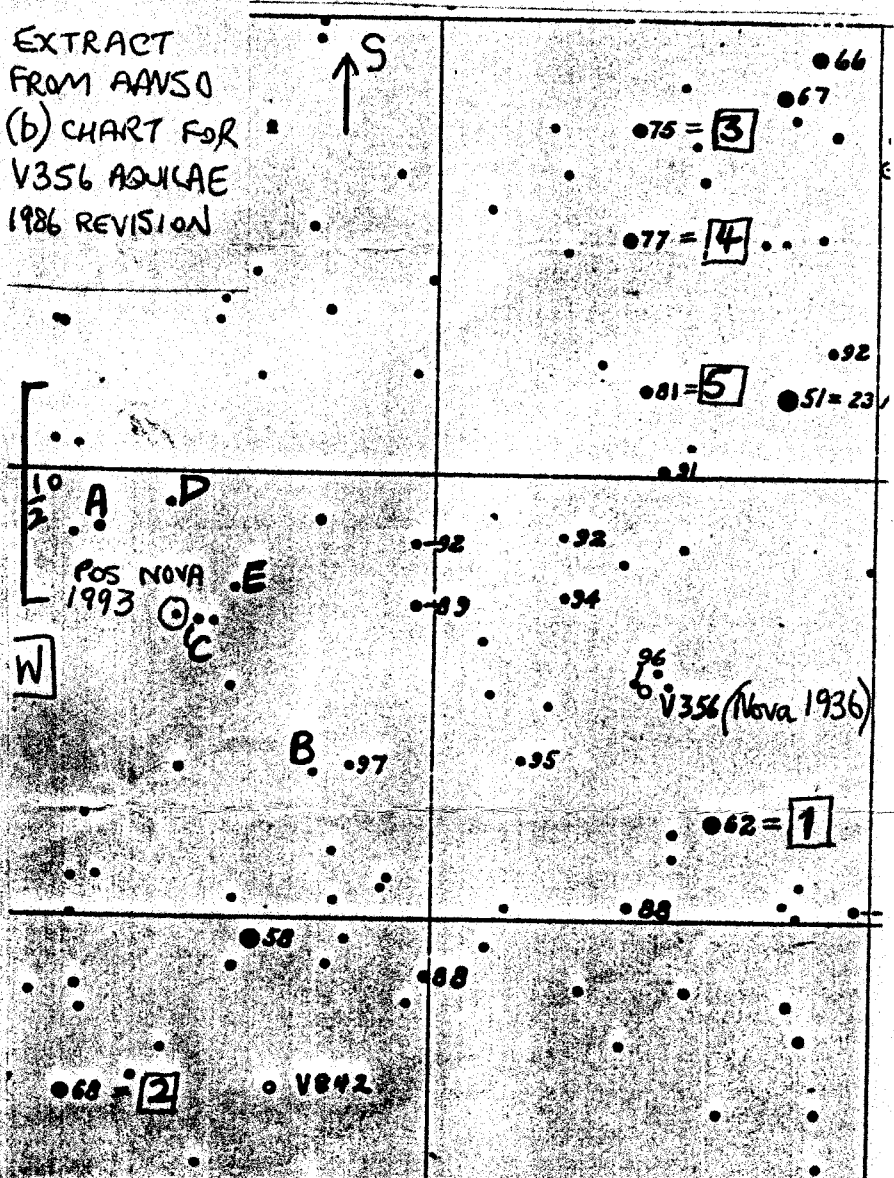
Sequence:

- 1, 6.2 (V356 Aql, AAVSO)
- 2, 6.8 (do.)
- 3, 7.5 (do.)
- 4, 7.7 (do.)
- 5, 8.1 (do.)
- A 8.60 (GSC)
- B 9.15 (GSC)
- C 9.41 (GSC)
- D 9.62 (GSC)
- E 10.25 (GSC)

ref: N/024.01

Guy M Hurst

EXTRACT  
FROM AAVSO  
(b) CHART FOR  
V356 AQUAE  
1986 REVISION



Use stars 1-5 and A-E ONLY.