# NOVA. 1963

18h.13m., +41°50'

OBSERVATIONS MADE BY JIM LOW AT GREAT WHALE RIVER, Lat. 55°17'N., Long. 77°45'W.

FEBRUARY 20d. 04h. 15m. U.T., 1963. J.D. 2,438,080.7

Magnitude was estimated at 4.9 ±0.3. See attached chart for comparison stars. Nova was brighter than star #1 (ε Lyr), and brighter than star #2. However, the brightness was nearer to that of star #2. Observation was made with 7x 35mm binoculars.

FEBRUARY 23d. 02h. 00m. U.T., 1963. J.D. 2,438,083.6

Magnitude was estimated at 5.3. Nova was slightly fainter than star #2, but much brighter than star #3. It was only a few degrees above the northern horizon at the time of observation. Observation was made with 7x 35mm binoculars.

FEBRUARY 23d. 03h. 30m. U.T., 1963. J.D. 2,438, 083.6

Appeared the same as at the observation at 02h. 00m. However, the nova was a little higher in the sky. 7x 35mm binoculars used.

FEBRUARY 23d. 09h. 30m. U.T., 1963. J.D. 2,438, 083.9

Magnitude estimated at 5.3. The true brightness was about half way between stars # 2 and # 3. The nova was well up in the sky at the time of observation. Observation made with 7x 35mm binoculars.

FEBRUARY 24d. 05h. 40m. U.T., 1963. J.D. 2,438,084.7

Magnitude estimated at 5.1, or just a little brighter than the previous night. The magnitude was about half way between that of star # 2 and #4. The area was fairly low in the sky at this time. Seeing was rated at 4/10, and transparency at 4/5. Observation was made with 7x 35mm binoculars.

NOTE:

The observer does not have accurate values for magnitudes, and the figures given are only approximate. However, brightness is given in terms of comparison stars so that the magnitude may be determined later.

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Jim Low
February 24, 1963

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2. A.A.V.S.O.