

88 Lorne Ave.,
St. Catharines, Ont.
Tuesday, Aug. 13, 1963

James W.A. Low,
411 Bristow Ave.,
St. Lambert, P.Q.

Dear Sir:

Enclosed are the negative search reports for July, and magnitude estimates for the same month of Nova Hercules. The nova estimates for June were based on a magnitude of 7.9 for a comparison star at RA 18^h. 11^m. DEC. 41° 25" (1950). Since then one of our members (C. Spratt) has been informed by Sky & Telescope that the correct magnitude for this comparison star is 8.4. I am sending a list of corrected magnitudes for June, although this kind of operation may contain a certain amount of guesswork.

On a few nights last week I tried some filters on Nova Hercules, finding it the same magnitude with a blue filter (8^m.4), but invisible with an amber one. The nova was barely visible through a yellow orange filter while the comparison star (8^m.4) was very easy to see. The difference was quite startling.

My wife's brother, my son and I made a rush trip to Quebec for the eclipse on July 20th. We left St. Catharines at 7.00 AM. and drove all night. We located in a field about 2 miles north of Batiscan but were "eclipsed" by clouds for the important part. I believe our secretary, Joe Hanger, was in the Grand Mere area, then moved near Batiscan, but we did not see him. He was on vacation with his family. My brother-in-law took a few slides of the partial phases after totality using the clouds as a filter. He used eyepiece projection with his 6" reflector.

How's hoping you had better luck!

Sincerely,

Hugh Maclean,
Niagara Falls Centre.

Nova Herculis 1963 - Magnitude Estimates

ONE - (CORRECTED):

8 - 7^m.7
15 - 8^m.0
16 - 8^m.0
17 - 8^m.0
18 - 8^m.3
21 - 8^m.3
22 - 8^m.3
23 - 8^m.3
24 - 8^m.3
25 - 8^m.3
26 - 8^m.4
27 - 8^m.3

JULY:

1 - 8^m.4
2 - 8^m.4
3 - 8^m.3
4 - 8^m.4
5 - 8^m.4
6 - 8^m.4
8 - 8^m.2
10 - 8^m.3
11 - 8^m.2
12 - 8^m.3
15 - 8^m.3
16 - 8^m.4
23 - 8^m.4
24 - 8^m.5
29 - 8^m.3
30 - 8^m.3

Armadillo,
Magara Falls Centre.

Aug 13, 1963