

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA
STANDING COMMITTEE ON OBSERVATIONAL ACTIVITIES

Announcement No. 13

COMET AND NOVA SECTION

NOVA DELPHINE 1967

G.E.D. Alcock of Peterborough, England, discovered this nova on July 8 when it was near fifth magnitude. The following precise position was reported on IAU Circular No.2024:

R.A. 20h 40m 04.^s24 Dec. 18° 58' 51"N Epoch 1950.0

The following visual magnitudes were reported on IAU Circular No.2025:

June 30.6, 6.7; July 3.3, 5.9; July 5.2, 5.8; July 8.9, 5.6; July 10.6, 5.7;
 July 11.6, 5.8; July 13.1, 5.6; July 14.1, 5.6; July 15.6, 5.8.

This nova will be well placed for observations during the next few months and members of the R.A.S.C. are asked to send reports of magnitude estimates to the undersigned. It is now visible with binoculars.

A chart of the area around the nova may be prepared from the following list of stars. Graph paper may be used. This list was taken from the SAO Star Catalog of 258,997 Stars, and is complete within about one degree of the nova. Some stars brighter than sixth magnitude are listed up to five degrees from the nova.

R.A.(1950)	Dec.N	Mag.	R.A.(1950)	Dec.N	Mag.	R.A.(1950)	Dec.N	Mag.
h m s	o ' "		h m s	o ' "		h m s	o ' "	
20 35 06	18 56.1	9.6	20 39 45	18 10.2	8.7	20 42 31	19 32.1	8.0
20 35 19	18 24.2	9.1	20 39 54	19 41.1	7.5	20 42 45	18 29.8	9.2
20 35 25	18 53.7	8.0	20 39 55	19 26.9	7.8	20 42 53	18 06.6	8.4
20 35 33	18 56.2	8.2	20 40 04	18 58.9	NOVA	20 43 11	17 54.4	5.6
20 35 37	18 05.1	6.3	20 40 06	19 13.0	7.9	20 43 24	18 23.6	8.4
20 35 44	19 17.8	8.7	20 40 21	18 47.7	9.1	20 43 26	18 56.7	9.4
20 35 57	18 38.3	8.9	20 40 21	18 12.4	9.0	20 43 34	18 22.2	9.2
20 36 14	18 41.6	9.0	20 40 33	19 00.3	8.8	20 43 41	18 03.0	9.1
20 36 17	21 01.5	4.8	20 40 34	18 52.7	8.5	20 43 57	19 17.4	9.2
20 36 18	19 56.5	9.5	20 40 44	19 08.5	8.6	20 44 19	15 56.6	5.2
20 36 21	18 51.5	8.6	20 40 45	19 15.7	9.1	20 44 20	15 56.6	4.5
20 36 52	19 23.0	8.0	20 41 14	19 42.0	7.7	20 44 22	19 03.8	9.0
20 36 57	21 38.4	5.9	20 41 15	18 47.1	9.2	20 44 22	18 35.4	8.5
20 37 13	18 46.3	8.9	20 41 23	19 32.8	7.9	20 44 29	19 56.3	8.5
20 37 15	18 57.1	8.8	20 41 29	18 47.0	9.2	20 44 29	18 48.0	9.3
20 37 19	15 44.1	3.9	20 41 34	19 02.2	9.0	20 44 39	18 26.8	9.1
20 37 50	19 14.6	8.4	20 41 48	19 10.9	8.7	20 44 49	19 06.7	8.9
20 38 29	19 45.2	6.4	20 41 55	18 25.4	9.0	20 44 49	19 04.3	9.3
20 38 55	18 01.5	8.7	20 42 14	19 20.0	7.7			
20 39 35	19 20.5	8.3	20 42 23	18 05.8	9.0			

The above magnitudes are approximate and observers should make estimates using several stars. This list should be replaced by any chart published at a future date.

COMET MITCHELL-JONES-GERBER, 1967-f, although bright, is so far south during August as to make observations almost impossible for Canadian observers.

Jim Low, National Co-ordinator,
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