

THE ROYAL ASTRONOMICAL SOCIETY OF CANADA  
STANDING COMMITTEE ON OBSERVATIONAL ACTIVITIES

COMET AND NOVA SECTION

Announcement No. 16

NOVA VULPECULAE, 1968

On April 15, Mr. G.E.D. Alcock of Peterborough, England, discovered his second nova within a year. At that time, the magnitude was 5.6. By April 17, it had brightened to about magnitude 4.5. The following precise position of this nova was reported on I.A.U. card no. 2067:

R.A. 19:45:57.41; Dec. 27° 02' 48".4N. Epoch 1950

This naked-eye nova is well placed during the morning hours. A chart showing the area within a few degrees of the nova may be prepared from the following list of stars. This is a selection of stars from the SAO Catalog of 258,997 stars, and is complete within about one degree of the nova. Brighter stars are listed out to about three degrees. Magnitudes are approximate, and some may be variable stars, so that several stars should be used when making magnitude estimates.

R.A.(1950) Dec. N.			R.A.(1950) Dec. N.			R.A.(1950) Dec. N.											
h	m	s	o	'	Mag.	h	m	s	o	'	Mag.	h	m	s	o	'	Mag.
19	35	10	29	13.2	6.3	19	43	42	26	56.7	9.2	19	47	53	28	18.8	6.3
19	35	11	28	23.3	6.7	19	43	47	26	30.5	8.7	19	47	57	27	02.3	8.0
19	37	24	30	02.2	4.8	19	44	05	27	42.0	8.9	19	48	38	32	47.2	4.2
19	37	45	24	25.3	7.0	19	44	33	25	00.6	6.6	19	48	55	22	28.9	4.9
19	38	11	26	52.7	7.2	19	44	33	27	02.1	9.0	19	49	02	27	35.3	7.9
19	38	22	26	11.9	7.4	19	44	37	26	24.0	9.3	19	49	32	26	05.8	7.4
19	38	32	23	36.0	6.4	19	44	53	26	35.0	9.0	19	49	40	26	06.5	7.7
19	39	19	27	35.2	7.5	19	44	56	27	55.3	8.6	19	49	55	24	51.8	5.7
19	39	50	27	15.8	6.7	19	45	21	27	43.8	9.0	19	50	14	28	07.4	7.0
19	40	49	29	12.7	6.4	19	45	33	26	09.4	8.5	19	50	49	28	51.7	7.3
19	40	57	27	17.3	7.7	19	45	43	25	15.6	6.0	19	51	14	27	58.1	7.8
19	41	00	24	28.9	6.8	19	45	57	27	02.8	NOVA	19	51	15	26	22.1	7.7
19	41	04	26	48.7	7.8	19	45	59	27	44.5	6.7	19	51	20	23	56.9	4.5
19	41	38	25	39.1	5.5	19	46	02	27	34.7	7.7	19	51	48	26	27.7	6.8
19	41	53	27	00.9	6.6	19	46	16	24	53.0	6.9	19	52	24	24	11.2	5.5
19	42	01	27	36.0	8.8	19	46	18	27	47.0	9.3	19	53	07	30	03.7	6.4
19	42	48	27	06.1	9.0	19	46	46	26	27.9	9.4	19	55	22	28	33.5	6.8
19	42	49	29	08.6	6.4	19	47	06	27	36.5	7.1	19	57	02	22	57.8	5.7
19	43	01	27	42.6	9.2	19	47	14	27	18.1	9.1	19	57	05	27	22.5	6.9
19	43	06	27	45.6	9.1	19	47	16	27	58.9	9.4	19	58	10	26	03.0	6.6
19	43	17	27	40.3	9.3	19	47	24	26	12.3	8.9	19	59	02	27	36.9	4.7
19	43	22	27	59.8	9.0	19	47	52	26	57.5	6.5						

NOVA DELPHINI, 1967: This unusual Nova seems to be increasing in brightness again. I.A.U. card no. 2066 reports a magnitude of 5.50 on March 10, and 4.97 on March 30. Details of this Nova were listed on C.&N. Announcement no.13.

COMET IKEYA-SEKI, 1967n: This comet may appear about one magnitude fainter than the magnitudes listed on C.&N. Announcement no.15.

Jim Low, National Coordinator,  
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April 22, 1968.