

ROYAL ASTRONOMICAL SOCIETY OF NEW ZEALAND.

VARIABLE STAR SECTION.

CIRCULAR No. 154.

OBSERVATIONS OF NOVA VULPECULAE 1968.

Observations of Nova Vulpeculae (Alcock) 1968 are given below in the form of means for each night. The first column gives the mean J.D., the second the mean visual magnitude and the third column the number of observations included in each mean. Observers who sent observations are listed in Table 1 in Circular 147. The period covered is from 1968 April 16 (J.D. 2,439,963) to 1968 November 11 (J.D. 2,440,172).

A chart was issued with Circular 131. The first records received were published in Circulars 130 and 131. These have now been included in the nightly means.

OBSERVATIONS.

<u>MEAN</u> <u>J.D.</u>	<u>MEAN</u> <u>MAG.</u> _v	<u>NO.</u>	<u>MEAN</u> <u>J.D.</u>	<u>MEAN</u> <u>MAG.</u> _v	<u>NO.</u>	<u>MEAN</u> <u>J.D.</u>	<u>MEAN</u> <u>MAG.</u> _v	<u>No.</u>	<u>MEAN</u> <u>J.D.</u>	<u>MEAN</u> <u>MAG.</u> _v	<u>No.</u>
2,439,000+			2,440,000+								
963.21	5.0	1	000.13	7.47	3	055.00	8.8	1	100.03	9.4	1
964.20	4.5	1	001.21	7.59	8	056.07	8.8	1	107.90	8.9	1
965.23	5.0	1	002.20	7.35	2	057.00	8.77	3	110.94	9.2	1
966.22	5.05	4	003.18	7.60	6	060.05	8.9	1	112.87	9.1	1
967.24	5.2	1	004.26	8.0	1	061.98	9.0	1	113.94	9.3	1
968.24	4.85	2	005.28	7.7	1	063.01	8.95	2	114.92	9.2	1
969.24	5.40	3	006.26	8.3	1	064.07	8.90	2	115.95	9.30	2
970.24	5.4	1	007.15	7.87	3	.98	8.80	2	116.93	9.30	2
971.27	5.40	3	008.16	7.78	5	066.94	9.05	2	118.92	9.1	1
972.25	5.45	2	009.17	8.07	3	068.00	9.1	1	121.93	9.3	1
973.22	5.50	6	010.28	8.3	1	069.00	9.00	2	158.95	9.4	1
974.21	5.62	5	011.17	8.10	2	071.94	9.10	2	172.90	8.9?	1
975.22	5.86	5	013.18	8.15	6	074.94	9.0	1			
976.18	5.6	1	014.16	8.50	3	075.96	8.7	1			
977.26	5.90	2	015.16	7.9	1	076.96	8.9	1			
978.28	5.80	2	016.06	8.0	1	077.96	8.8	1			
980.23	5.90	2	017.12	7.9	1	078.94	8.95	2			
981.21	5.71	7	020.07	8.7	1	079.97	9.00	3			
982.16	5.82	4	024.08	8.73	3	082.03	9.05	2			
984.24	6.5	1	025.01	8.0	1	.95	8.85	2			
985.17	6.70	2	026.04	8.2	1	084.03	8.9	1			
986.19	7.00	4	031.07	8.8	1	.97	9.10	2			
987.17	7.10	4	032.09	8.6	1	086.97	9.15	4			
988.20	7.10	2	034.06	8.5	1	087.96	9.0	1			
991.27	6.80	2	036.10	8.70	2	089.00	8.8	1			
992.21	6.50	2	037.05	8.50	3	.96	8.95	2			
993.20	7.20	2	.99	8.6	1	091.00	9.11	7			
995.24	7.18	7	041.00	8.8	1	092.06	8.8	1			
996.17	7.47	3	043.10	8.50	2	093.00	9.3	1			
997.21	7.70	2	046.01	8.8	1	.95	9.05	4			
998.22	7.6	1	051.99	8.75	2	095.96	9.2	1			
999.22	7.5	1	053.04	8.90	2	098.00	9.2	1			
			.94	8.85	2	099.00	9.27	7			

1970 April 16

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