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UBVRI OBSERVATIONS OF NOVA CYGNI 1978

Photoelectric observations of Nova Cygni 1978 ($\alpha_{1950} = 21^{\text{h}}40^{\text{m}}.6$, $\delta_{1950} = 43^{\circ}48'$) were obtained during seven nights in September and October, 1978, with the 61-cm reflecting telescope at the David Dunlap Observatory, Richmond Hill. Observations were made with a dry-ice cooled S20 photomultiplier and Schott glass filters to reproduce the Johnson UBVRI system, as described by Fernie (1974) HR 8252 was used as a comparison star for all observations. The results are presented in Table I. Errors are believed to be about ± 0.02 magnitudes.

Table I

J.D.	V	U-V	B-V	V-R	V-I
2443764.73	6.31	+0.51	+0.68	+0.64	+1.11
64.79	6.33	+0.46	0.66	0.64	1.10
68.73	7.02	-0.08	0.36	0.93	1.49
74.53	8.02	-0.30	0.34	0.99	1.24
77.55	8.33	-0.32	0.25	1.08	1.27
80.69	8.68	-0.33	0.27	1.22	1.35
86.52	9.00	-0.41	0.21	1.26	1.33
92.70	9.71	-0.57	0.11	1.91	1.72

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Reference:

Fernie, J.D. 1974 P.A.S.P., 86, 837