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PHOTOGRAPHIC OBSERVATIONS OF THE SUPERNOVA IN NGC 4490

Photographic observations of the supernova in NGC 4490 (Wild, 1982) were carried out with the 188-cm reflector at Okayama Astrophysical Observatory and with the 105-cm Schmidt telescope at Kiso Observatory in May 1982. The observations were made in B-colour band on Kodak IIaO emulsion. The used B-band filters were Hoya L35 at Okayama and Schott GG 385 at Kiso. Referring to the comparison stars of Blanco et al. (1966), the magnitude was determined with the method of stellar image diameter. The estimated B-magnitudes of the supernova are as follows:

Date	UT	Observatory	B
19 May	7 ^h 48 ^m	Okayama	15.0
24 May	11 40	Kiso	15.5

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References:

- Blanco, V.M., Demers, S., Douglass, G.G., and FitzGerald, M.P.,
1966, Publ. U. S. Naval Obs. 21
Wild, P., 1982, IAU Circular No. 3689