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Follow-up OAUNI photometry of SN 2024iss

ATel #16712; *A. Pereyra (Geophysical Institute of Peru, Astronomy Area), M. Zevallos (National University of Engineering - UNI, Peru), D. Alvarado (UNI), J. Delgado (UNI), E. Torre (UNI), J. Tello (UNI), L. de Almeida (Universidade Federal do Rio Grande do Norte, Brasil)*

on 16 Jul 2024; 19:59 UT

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Subjects: Optical, Supernovae, Transient

Post

We report new photometry of Type II SN 2024iss (TNSTR-2024-1494, TNSCR-2024-1517) gathered with the OAUNI 51cm telescope ([arXiv:1512.03104](https://arxiv.org/abs/1512.03104)) at Huancayo Observatory, Peru. CCD imaging in R filter was performed on four consecutive nights under non-photometric conditions with the target on higher airmasses. The integration time was $80 \times 20 \text{s} = 1600 \text{s}$ in each observation. Our measurements yielded:

Date (UT)	filter	mag
2024-07-03.124	R	14.70 +/- 0.02
2024-07-04.129	R	14.72 +/- 0.02
2024-07-05.112	R	14.76 +/- 0.01
2024-07-06.097	R	14.77 +/- 0.01

UCAC4 field stars were used for the zero point calibration. Our observations are ~7.3 weeks after the GOTO detection (TNSTR-2024-1494). The OAUNI project is supported by UNI, TWAS, IGP and ProCiencia-Concytec (Convenio 133-2020 Fondecyt).

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