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7 Sep 2023; 21:42 UT

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OAUNI photometry of SN 2023ijd

ATel #16166; **A. Pereyra (Geophysical Institute of Peru, Astronomy Area), M. Espinoza (National University of Engineering - UNI, Peru), J. Tello (UNI), M. Zevallos (UNI), L. de Almeida (Universidade Federal do Rio Grande do Norte, Brasil), D. Alvarado (UNI), E. Torre (UNI)**

on 31 Jul 2023; 19:52 UT

Credential Certification: Antonio Pereyra (apereyra@igp.gob.pe)

Subjects: Optical, Supernovae, Transient

Tweet

Photometry of Type II SN 2023ijd (TNSTR-2023-1092, TNSCR-2023-1112) was gathered with the OAUNI 51cm telescope (arXiv:1512.03104) at Huancayo Observatory, Peru. CCD imaging in R filter was performed on three consecutive nights under non-photometric conditions with airmasses lower than 1.8. The integration time was $70 \times 20s = 1400s$ in each observation. Our measurements yielded:

Date (UT)	filter	seeing (")	mag
2023-07-15.072	R	2.1	15.52 +/- 0.01
2023-07-16.057	R	1.8	15.61 +/- 0.01
2023-07-17.053	R	2.2	15.56 +/- 0.01

UCAC4 field stars were used for the zero point calibration. Our observations are ~two months after the ASAS-SN detection (TNSTR-2023-1092). The OAUNI project is supported by UNI, TWAS, IGP and ProCiencia-Concytec (Convenio 133-2020 Fondecyt).

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