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Follow-up OAUNI photometry of SN2022hrs

Related

- 15539 Follow-up OAUNI photometry of SN2022hrs
- 15378 OAUNI multiband photometry of SN2022hrs

ATel #15539; **A. Pereyra** (*Geophysical Institute of Peru, Astronomy Area*), **J. Tello** (*National University of Engineering - UNI, Peru*), **M. Zevallos** (*UNI*), **L. de Almeida** (*Universidade Federal do Rio Grande do Norte, Brasil*), **M. Espinoza** (*UNI*), **D. Alvarado** (*UNI*)

on 3 Aug 2022; 19:01 UT

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

Subjects: Optical, Supernovae, Transient

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We report additional multiband photometry of Type Ia **SN2022hrs** (TNSTR-2022-994, TNSCR-2022-997, ATel #15378) on 2022-07-01 (UT) gathered with the OAUNI 51cm telescope (Pereyra et al. 2015; arXiv:1512.03104) at Huancayo Observatory, Peru. CCD imaging using BVRI filters was performed under non-photometric conditions (seeing ~2.1") and airmass lower than 1.9. Total integration times of (60x20s=1200s) for V, R and I filters, and (90x20s=1800s) for B filter yielded:

Date (UT)	filter	mag
2022-07-01.111	B	15.94 +/- 0.05
2022-07-01.042	V	15.04 +/- 0.01
2022-07-01.062	R	15.00 +/- 0.01
2022-07-01.086	I	15.16 +/- 0.02

UCAC4 field stars (508-055361 and 508-055359) were used for the zero point calibration.

Following the GELATO classification (TNSCR-2022-997), our measurements are approximately two months after the maximum brightness. The OAUNI project is supported by UNI, TWAS, IGP and ProCiencia-Concytec (Convenio 133-2020 Fondecyt).

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