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**The ATLAS Archive at the NASA PDS Small Bodies Node**

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##### **ABSTRACT**

The Asteroid Terrestrial-impact Last Alert System (ATLAS) survey [1], based at the University of Hawaii’s Institute for Astronomy, is active at two nearby sites located at Mauna Loa and Haleakala Observatories. The robotic 0.5-m telescopes are operated on a nightly basis scanning the sky with a survey designed to detect smaller near-Earth object weeks to days before they impact Earth. ATLAS is adding two additional sites in Chile and South Africa to obtain southern hemispheric coverage as well.

With a cadence whereby the visible sky down to V~19.5 is covered once every two nights [2], ATLAS provides a wealth of time-domain and small body astrometric and photometric information. In order to facilitate access to this treasure trove of data by the scientific community, the ATLAS team and the NASA Planetary Data System’s Small Bodies Node have started to archive these datasets. We will describe the current status of the archive, and plans to make the ATLAS archive accessible to a variety of research interests.

References:

[1] Tonry, J. L., Denneau, L., Heinze, A. N., et al. 2018, PASP, 130, 064505.

[2] Smith K. W., Smartt S. J., Young D. R., Tonry J. L., Denneau L., Flewelling H., Heinze A. N., et al., 2020, PASP, 132, 085002.

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