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**ATLAS**

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**ABSTRACT**

The Asteroid Terrestrial-impact Last Alert System (ATLAS) is funded by NASA to find dangerous asteroids. Two 0.5m robotic telescopes in Hawaii each cover 30 sq deg to m=20 in 30 sec exposures, observing ~60,000 sq deg each night. ATLAS specializes in low latency, automatic reporting of moving objects and detecting high angular velocity objects. This permits a direct measurement of the local phase space density of hazardous objects. Because of the steady, all-sky observing, ATLAS can also determine asteroid rotation rate, shape, and axis. We describe our current survey status, and progress in using asteroid color for classification and light curves for measuring rotation.

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