

Accepted Manuscript

Impact-Generated Winds on Mars

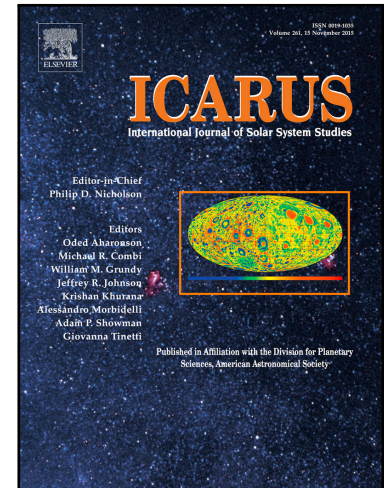
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Highlights

- Permanent wind streaks radiate from certain large craters on Mars
- Streaks primarily revealed in THEMIS nighttime thermal images
- The impact-related wind streaks develop as scours behind pre-existing topography
- We propose that such streaks are formed by intense winds due to high-speed vapor
- Uniqueness reflect either target volatiles or high-speed cometary impacts

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