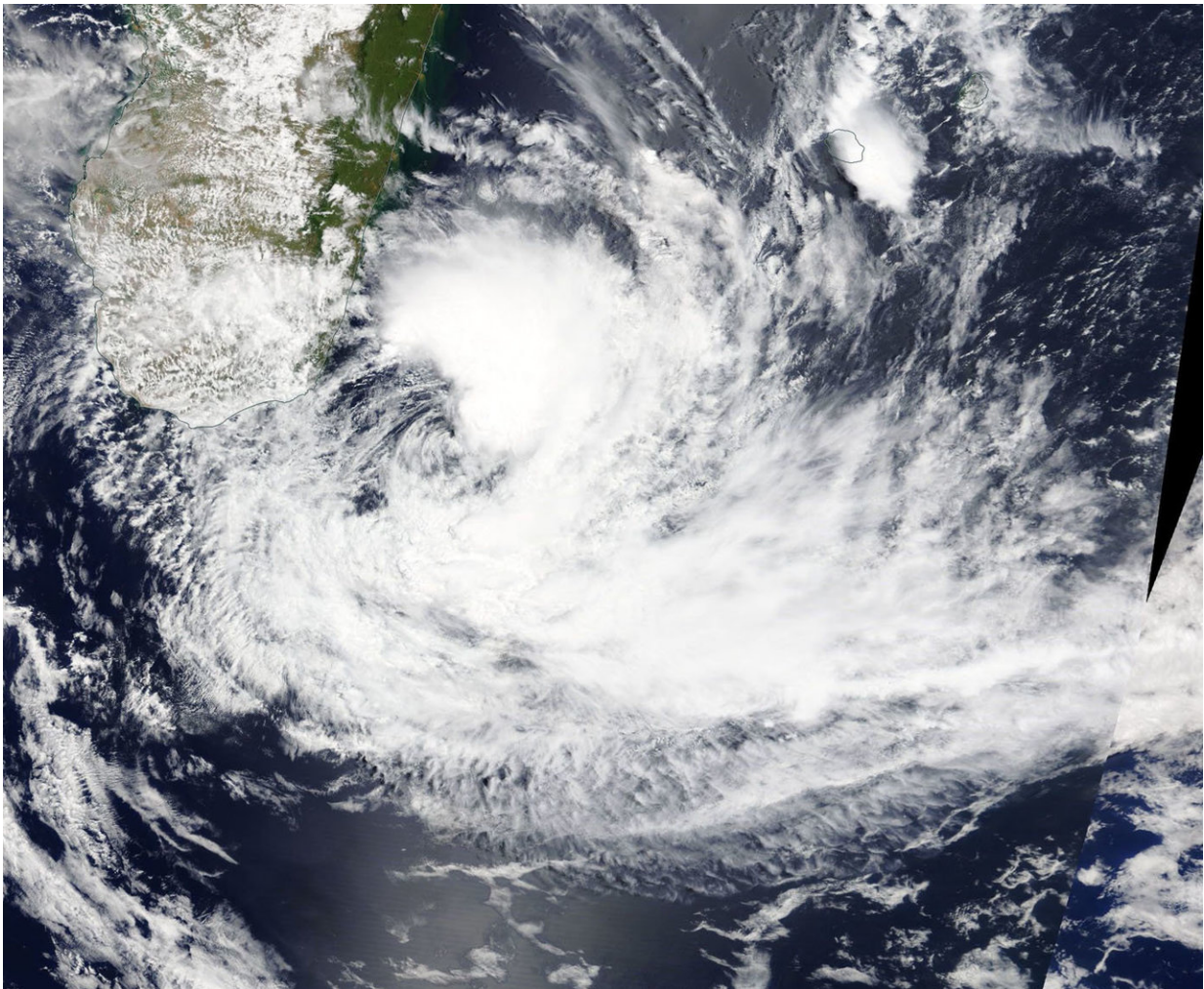


Tropical Cyclone Ava moving away from Madagascar

January 8 2018



NASA's Terra satellite provided a visible image of Tropical Cyclone Ava early on Jan. 8. The image showed most of the thunderstorms were in the eastern quadrant of the storm. Credit: NASA Rapid Response Team

NASA's Terra satellite passed over Tropical Cyclone Ava as it continued moving away from the island nation of Madagascar. Ava was located in the Southern Indian Ocean, off the southeastern coast of the country.

The Moderate Resolution Imaging Spectroradiometer or MODIS instrument aboard NASA's Terra satellite provided a visible image of Tropical Cyclone Ava early on Jan. 8. The image showed most of the thunderstorms were in the eastern quadrant of the storm.

At 10 a.m. EST (1500 UTC) the center of Tropical Storm Ava was located near 27.2 degrees south and 48.2 degrees east longitude. That's about 521 nautical miles southeast of Europa Island. Ava was moving to the southwest at 14 knots and had maximum sustained winds near 40 mph (46 mph/74 kph).

The Joint Typhoon Warning Center expects Ava to maintain strength for the next day as it moves south, then southeast. After that time, increasing [vertical wind shear](#) and cooler sea surface temperatures will contribute to the weakening trend.

Provided by NASA's Goddard Space Flight Center

Citation: Tropical Cyclone Ava moving away from Madagascar (2018, January 8) retrieved 23 June 2024 from <https://phys.org/news/2018-01-tropical-cyclone-ava-madagascar.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.