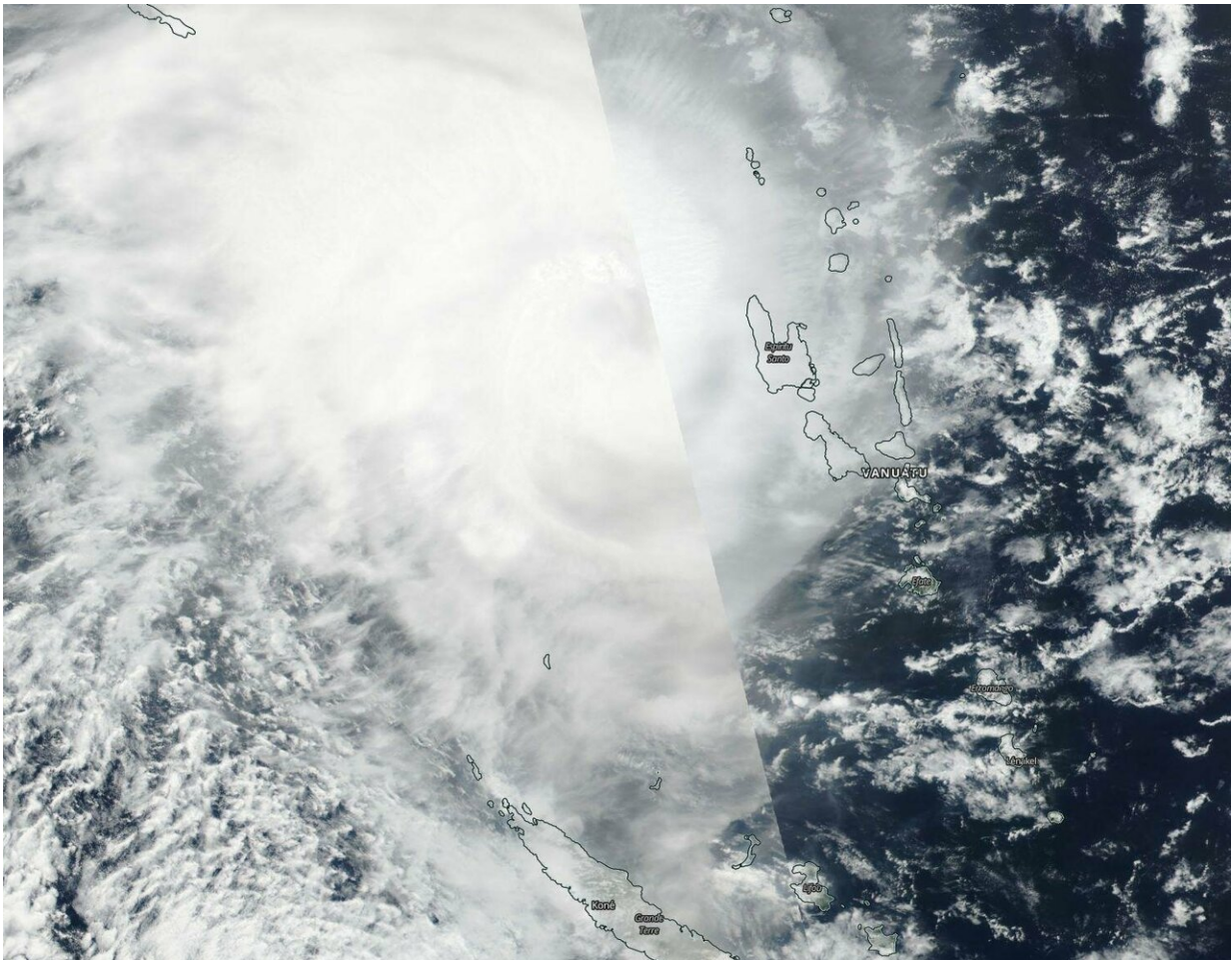


NASA tracks Tropical Cyclone Oma as warnings remain for Vanuatu

February 15 2019, by Rob Gutro



NASA-NOAA's Suomi NPP satellite passed over the Southern Pacific Ocean and captured a visible image of Tropical Cyclone Oma on Feb. 15 when it was passing west of Vanuatu. Credit: NASA Worldview, Earth Observing System Data and Information System (EOSDIS).

Tropical Cyclone Oma continued to stay just west of Vanuatu in the Southern Pacific Ocean as NASA-NOAA's Suomi NPP satellite passed overhead and captured an image of the tropical storm.

Tropical Cyclone Warning Number 26 was issued by the Vanuatu Meteorology and Geo-Hazards Department (VMGD), Port Vila at 3:05 a.m. VUT (local time) Saturday, February 16, 2019 (11 a.m. EDT, Feb. 15) for the Torba, Sanma and Malampa Provinces. The VMGD noted that: "Heavy rainfalls and flash flooding over low lying areas and areas close to the river banks, including [coastal flooding](#) will continue to affect Torba, Sanma and Malampa provinces tonight. Seas will remain very rough to phenomenal with heavy and phenomenal swells over the affected areas."

Suomi NPP passed over Oma on Feb. 15 and the Visible Infrared Imaging Radiometer Suite (VIIRS) instrument provided a visible image of the storm. The VIIRS image showed a large area of thunderstorms wrapping into the center. Most of the convection (rising air that condenses and forms clouds and thunderstorms that make up a tropical [cyclone](#)) is north of the center. Oma was passing to the west of Vanuatu.

VMDG reported at 2 a.m. local time on Feb. 16 (10 a.m. EDT on Feb. 15), "Tropical Cyclone Oma was located at 15.5 degrees south and 164.3 degrees east. That is about 260 kilometers (161 miles) west southwest of Santo and 345 kilometers (214 miles) west northwest of Malekula. Expected sustained winds close to the center are estimated at 102 kph (63 mph/55 knots). Damaging gale force winds of 75 kph (46 mph/40 knots) with gusts up to 102 kph (63 mph/55 knots) will continue to affect the Torba, Sanma and Malampa provinces for the next 12 to 24 hours."

More information: For updated forecasts from the Vanuatu Meteorology and Geo-Hazards Department, visit:

<https://www.vmgd.gov.vu/>

Provided by NASA's Goddard Space Flight Center

Citation: NASA tracks Tropical Cyclone Oma as warnings remain for Vanuatu (2019, February 15) retrieved 10 April 2024 from <https://phys.org/news/2019-02-nasa-tracks-tropical-cyclone-oma.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.