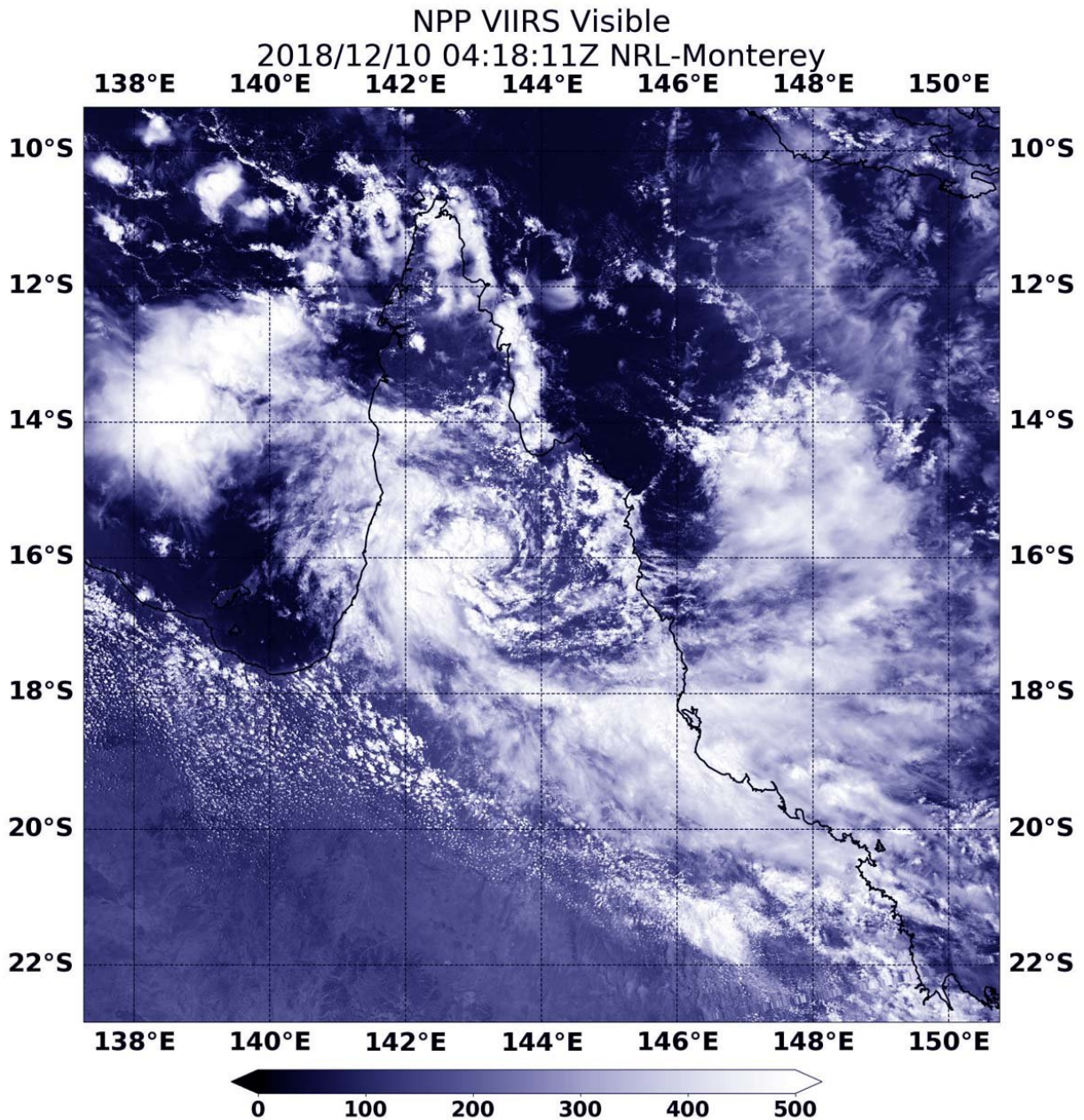


NASA-NOAA satellite sees Tropical Cyclone Owen's remnants reorganizing

December 10 2018



On Dec. 10, 2018 the VIIRS instrument aboard NASA-NOAA's Suomi NPP satellite captured a visible image of the remnants of Tropical Cyclone Owen in the Gulf of Carpentaria, just west of Queensland. Credit: NASA/NRL

The remnants of Tropical Cyclone have been lingering in the Southern Pacific Ocean for days. On Dec. 10, the storm finally appeared more organized on satellite imagery providing forecasters with a strong indication that it may be reborn as a tropical cyclone. NASA-NOAA's Suomi NPP satellite passed over the Gulf of Carpentaria and saw the storm.

On Dec. 10 at 0100 UTC (Dec. 9 at 8 p.m. EST), Owen's remnants were located near 16.1 degrees south latitude and 144.6 degrees east longitude, approximately 282 nautical miles east-northeast of Mornington Island, Australia, and just west of the northern tip of Queensland.

On Dec. 10 at 0410 UTC (Dec. 9 at 11:10 p.m. EST, the Visible Infrared Imaging Radiometer Suite (VIIRS) instrument aboard NASA-NOAA's Suomi NPP satellite analyzed the remnants. VIIRS revealed a consolidating low level circulation center with deep convection building over the center.

The Joint Typhoon Warning Center noted: "Sea surface temperatures in the Gulf of Carpentaria are conducive for future tropical cyclone development. Multiple [computer forecast] models indicate development over the next 24-36 hours with a westward trajectory."

Provided by NASA's Goddard Space Flight Center

Citation: NASA-NOAA satellite sees Tropical Cyclone Owen's remnants reorganizing (2018, December 10) retrieved 24 April 2024 from <https://phys.org/news/2018-12-nasa-noaa-satellite-tropical-cyclone-owen.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.