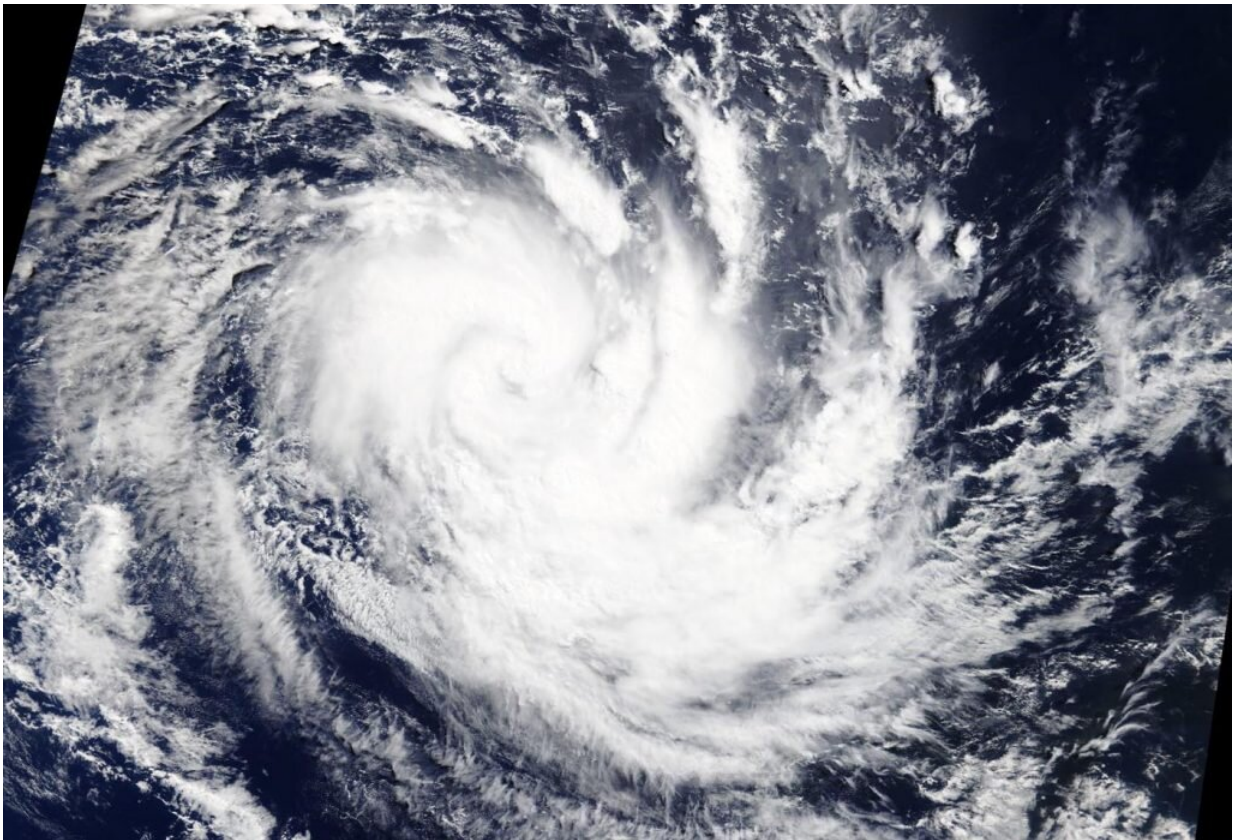


NASA sees Tropical Cyclone Irondro developing an eye

April 3 2020, by Rob Gutro



On April 3, 2020, the MODIS instrument that flies aboard NASA's Terra satellite provided a visible image of Tropical Cyclone Irondro that revealed the storm had strengthened and was developing an eye. Credit: NASA Worldview

As Tropical Cyclone Irondro continues to move through the Southern

Indian Ocean, NASA's Terra satellite saw the storm developing an eye as it continued to intensify.

On April 3, 2020, the Moderate Resolution Imaging Spectroradiometer or MODIS instrument that flies aboard NASA's Terra [satellite](#) provided a visible image of Irondro that showed the storm had taken on a classic appearance of an organized tropical cyclone. Bands of thunderstorms were spiraling into a low-level center and MODIS imagery showed what appeared to be a developing cloud-filled eye.

The Joint Typhoon Warning Center or JTWC issues forecasts for [tropical cyclones](#) in various parts of the world, and the Center noted at 5 a.m. EDT (0900 UTC) that Irondro had maximum sustained winds near 55 knots (63 mph/102 kph) and was strengthening. Irondro was located near latitude 17.5 degrees south and longitude 73.3 degrees east, about 626 nautical miles south of Diego Garcia.

The tropical [cyclone](#) is expected to intensify to hurricane status with maximum sustained winds near 75 knots (86 mph/139 kph) on April 4. Irondro is later forecast to turn east-southeast and become extra-tropical.

NASA's Terra satellite is one in a fleet of NASA satellites that provide data for hurricane research.

Tropical cyclones/hurricanes are the most powerful weather events on Earth. NASA's expertise in space and [scientific exploration](#) contributes to essential services provided to the American people by other federal agencies, such as hurricane weather forecasting.

Provided by NASA's Goddard Space Flight Center

Citation: NASA sees Tropical Cyclone Irondro developing an eye (2020, April 3) retrieved 10

April 2024 from <https://phys.org/news/2020-04-nasa-tropical-cyclone-irondro-eye.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.