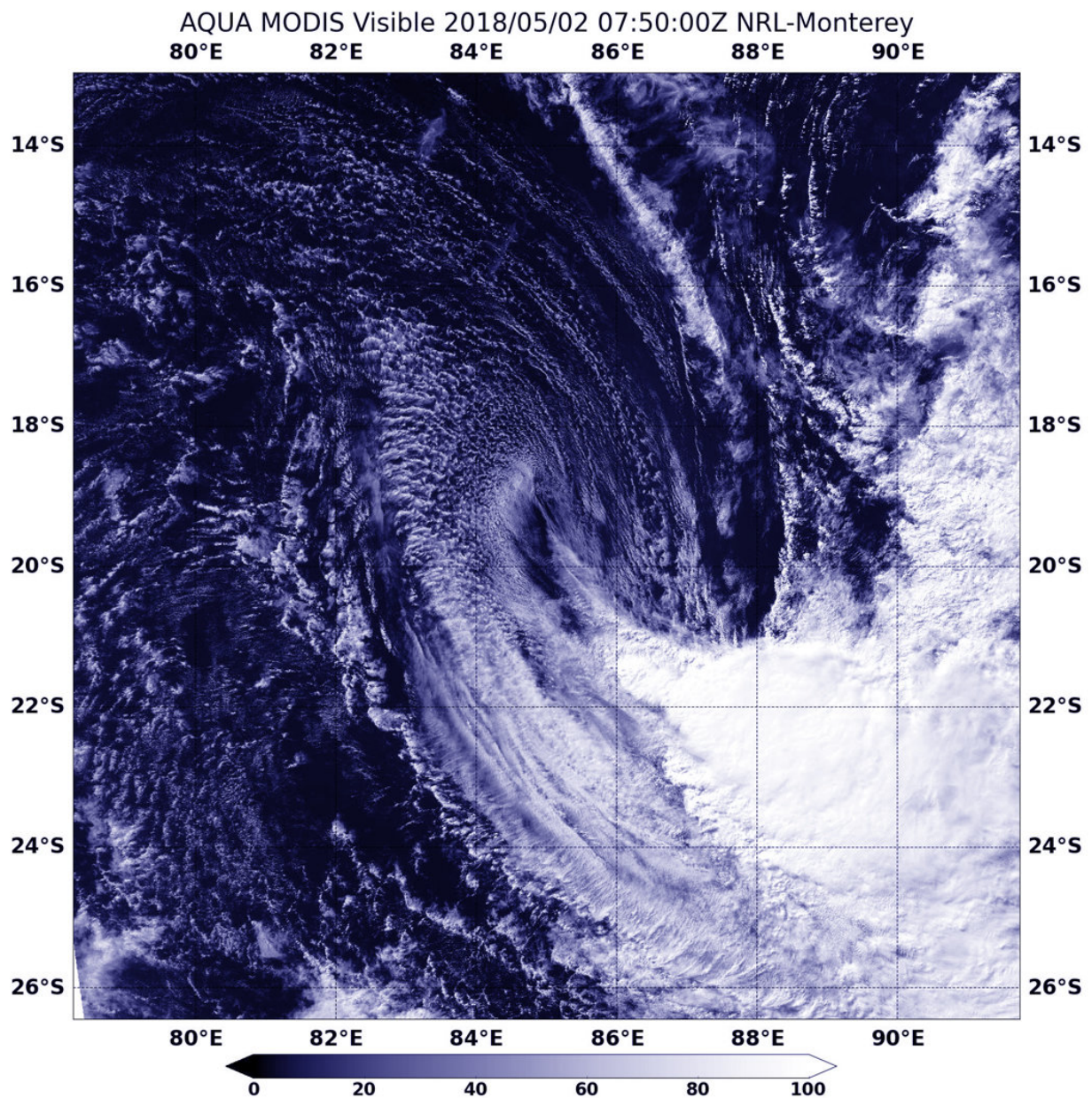


# NASA finds Tropical Cyclone Flamboyant in a southeastern stretch

May 2 2018



NASA's Aqua satellite provided a visible image of Tropical Cyclone Flamboyon on May 2 at 3:50 a.m. EDT (0750 UTC). The storm is devoid of rainfall with the exception of the southeastern quadrant. Wind shear has pushed all the storm southeast of the center. Credit: NASA/NRL

Strong vertical wind shear had taken its toll on Tropical Cyclone Flamboyon when NASA's Aqua satellite passed over the Southern Indian Ocean. Flamboyon, now a subtropical cyclone, had been stretched out and its only precipitation pushed southeast of the center. The Moderate Resolution Imaging Spectroradiometer or MODIS instrument aboard NASA's Aqua satellite provided a visible image of Flamboyon on May 2 at 3:50 a.m. EDT (0750 UTC). The storm was devoid of rainfall with the exception of the southeastern quadrant. Wind shear has pushed all the storm southeast of the center.

At 11 p.m. EDT on May 1, or 0300 UTC on May 2, the Joint Typhoon Warning Center (JTWC) issued their final warning on the system. At that time the center of Tropical Cyclone Flamboyon was located near 19.1 degrees south and 84.6 degrees east, about 983 nautical miles southeast of Diego Garcia. The storm was moving toward the south-southeast at 5.7 mph (5 knots/9.2 kph). Maximum sustained winds are near 46 mph (40 knots/74 kph).

The Joint Typhoon Warning Center noted "The low level circulation center is highly elongated due to the presence of strong 57 to 69 mph (50 to 60 knots/92 to 111 kph) northwesterly [vertical wind shear](#), and deep convection is sheared well to the southeast." The storm is expected to decay gradually over the next couple of days.

Provided by NASA's Goddard Space Flight Center

Citation: NASA finds Tropical Cyclone Flamboyant in a southeastern stretch (2018, May 2)  
retrieved 24 April 2024 from

<https://phys.org/news/2018-05-nasa-tropical-cyclone-flamboyant-southeastern.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.