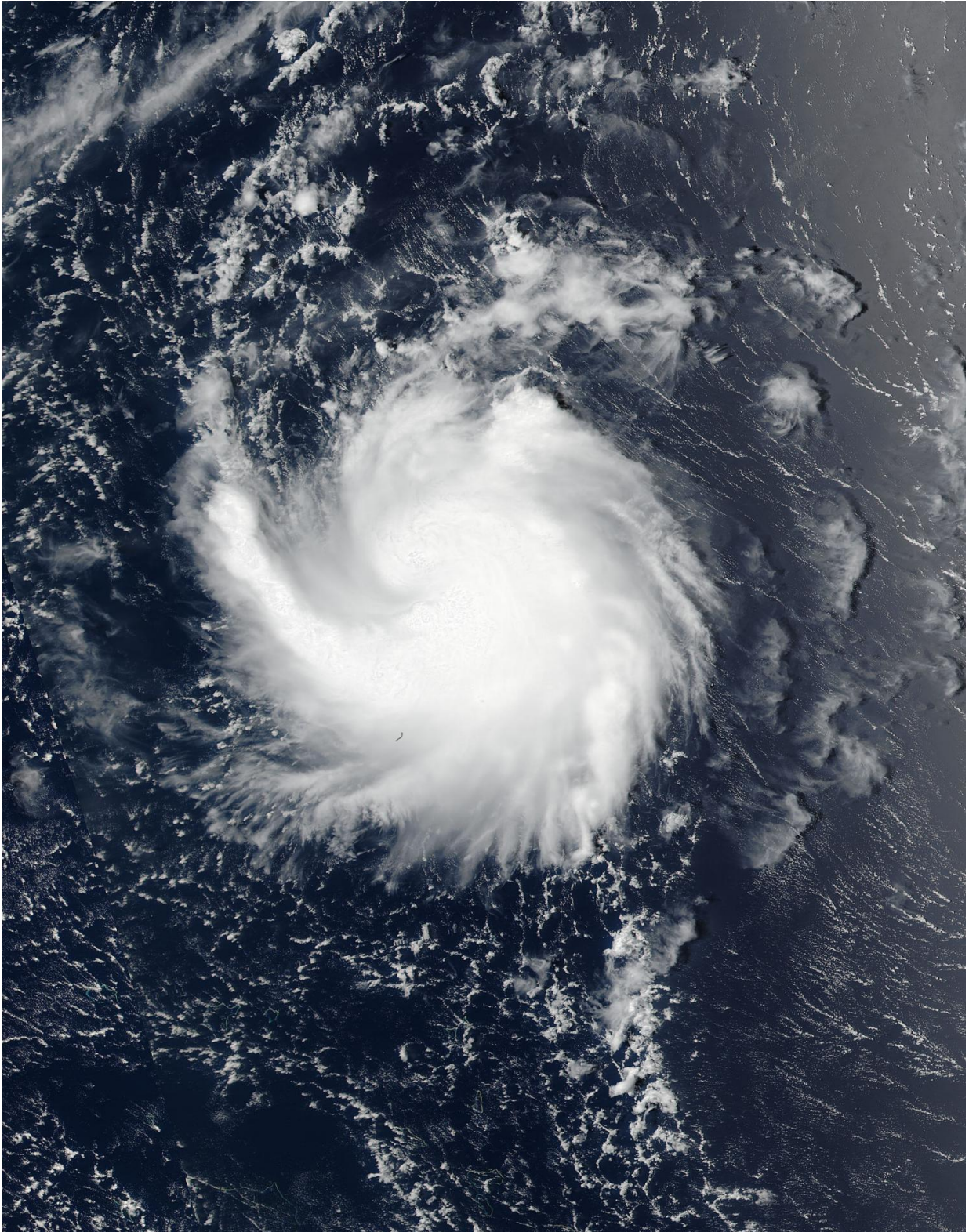


NASA sees formation of comma-shaped Tropical Storm 14W

August 11 2017



NASA-NOAA's Suomi NPP satellite passed over Tropical Storm 14W on Aug.

11 at 0118 UTC (Aug. 10 at 9:18 p.m. EDT) shortly after it formed. The storm appeared comma-shaped. Credit: NOAA/NASA Goddard Rapid Response Team

The fourteenth tropical cyclone of the Northwestern Pacific Ocean hurricane season formed about 200 miles away from Wake Island and a NASA-NOAA satellite saw it take on a comma-shape.

NASA-NOAA's Suomi NPP satellite passed over Tropical Storm 14W on August 11 at 0118 UTC (Aug. 10 at 9:18 p.m. EDT) shortly after it formed. The Visible Infrared Imaging Radiometer Suite (VIIRS) instrument aboard took a visible light picture of the [storm](#) that showed thunderstorms around the low-level center and a thick band wrapping from the east to south to west, forming a comma-shape.

At 5 a.m. EDT (0900 UTC) on August 11, Tropical Storm 14W (14W) had [maximum sustained winds](#) near 35 knots (40 mph/62 kph). It was located at 17.5 degrees north latitude and 168.5 degrees east longitude. That's about 194 nautical miles southeast of Wake Island.

Wake Island is a [coral atoll](#), located in the northeastern area of the Micronesia sub-region. It's located about 1,501 miles east of Guam.

14W was moving to the west-northwest and after moving over Wake Island is forecast to turn north. The storm is expected to intensify to 45 knots (51.7 mph/83.3 kph), before becoming extratropical.

Provided by NASA's Goddard Space Flight Center

Citation: NASA sees formation of comma-shaped Tropical Storm 14W (2017, August 11) retrieved 10 April 2024 from

<https://phys.org/news/2017-08-nasa-formation-comma-shaped-tropical-storm.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.