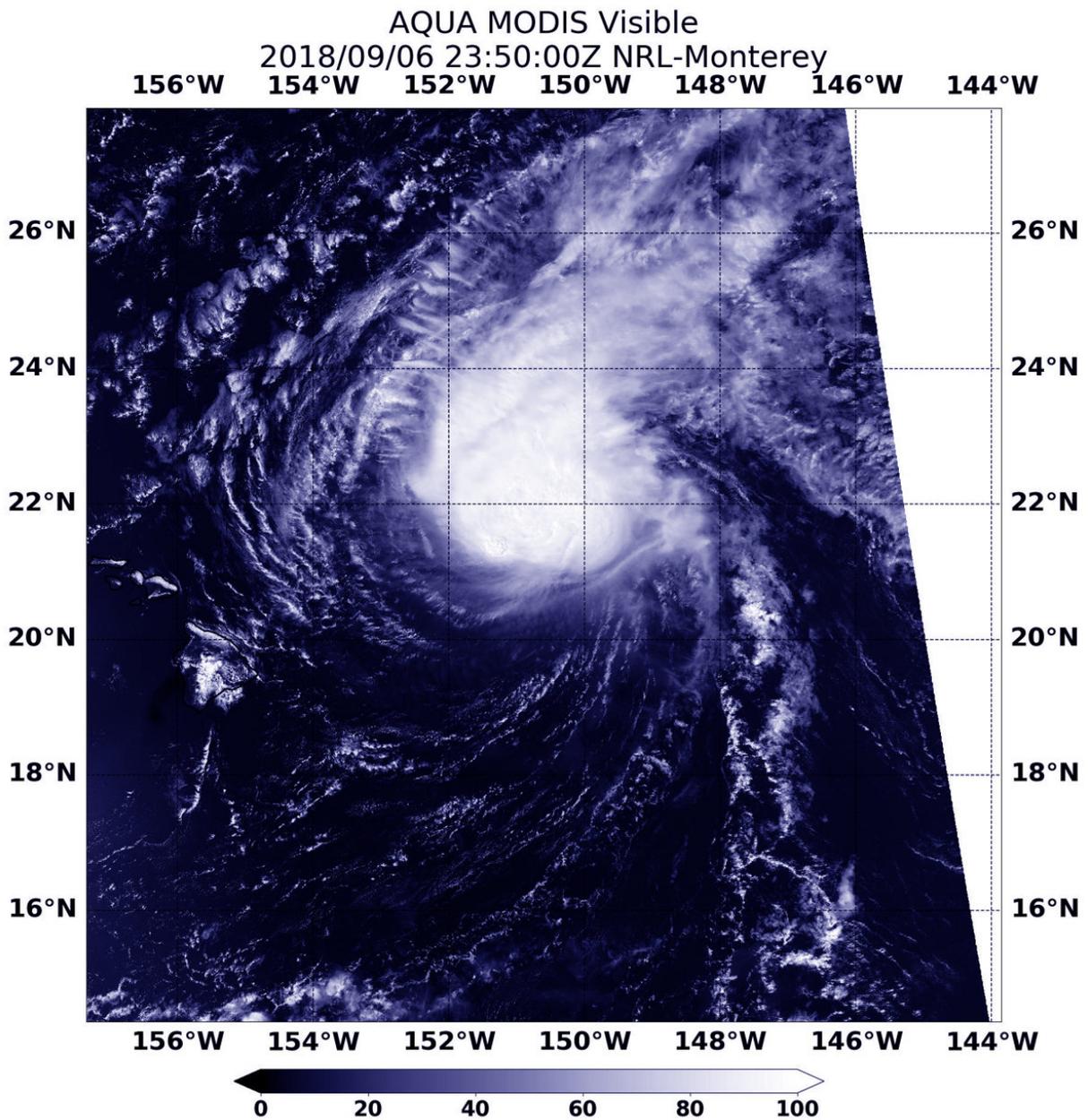


NASA finds Hurricane Norman hammered by wind shear

September 7 2018



At 7:50 p.m. EDT (2350 UTC) on Sept. 6, the MODIS instrument aboard NASA's Aqua satellite looked at Hurricane Norman in visible light. Credit: NASA/NRL

NASA's Aqua satellite obtained a visible image of Hurricane Norman northeast of the Hawaiian Islands and found the storm weakening and battling wind shear.

NASA's Aqua satellite provided an infrared look at Norman as it continued weakening and moving northwest of the Hawaiian Islands. It is not close enough to the islands to generate any watches or warnings, however, a large swell generated by Norman peaked across the main Hawaiian Islands overnight on Sept. 6, causing large and potentially dangerous surf along east facing shores. The surf is forecast to diminish on Friday, Sept. 7.

The Aqua satellite image taken from the MODIS instrument showed the storm was being tilted from strong vertical [wind shear](#). The eye was covered by clouds which made the center difficult to locate.

At 5 a.m. EDT on Sept. 7 (11 p.m. HST on Sept. 6) the center of Hurricane Norman was located near latitude 22.5 North, longitude 151.7 degrees west. That's 290 miles (470 km) northeast of Hilo, Hawaii.

Norman is moving toward the northwest near 8 mph (13 km/h) and this motion is expected to continue through Saturday, remaining east of the main Hawaiian Islands. Maximum sustained winds are near 85 mph (140 kph) with higher gusts. Weakening is forecast through Saturday.

Provided by NASA's Goddard Space Flight Center

Citation: NASA finds Hurricane Norman hammered by wind shear (2018, September 7)
retrieved 26 April 2024 from <https://phys.org/news/2018-09-nasa-hurricane-norman.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.