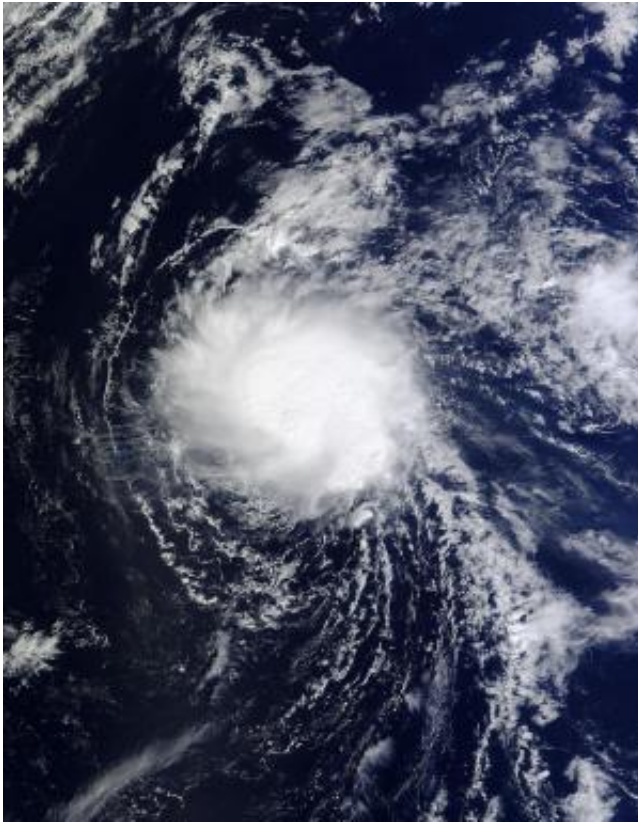


Terra satellite shows a more organized Tropical Storm Ana

October 23 2014, by Rob Gutro



NASA's Terra satellite passed over Tropical Storm Ana on Oct. 22 at 22:10 UTC (6:10 p.m. EDT) and saw that wind shear had relaxed. Credit: NASA Goddard MODIS Rapid Response Team

The strong southwesterly wind shear that has been battering Tropical Storm Ana has abated and has given the storm a chance to re-organize.

Ana appeared more rounded on imagery from NASA's Terra satellite as thunderstorms again circled the low-level center.

NASA's Terra satellite passed over Ana on Oct. 22 at 22:10 UTC (6:10 p.m. EDT). The MODIS instrument aboard Terra captured a [visible image](#) of the storm that showed clouds and showers were no longer being blown northeast of the center from southwesterly wind shear, as they had in the last couple of days. The wind shear has weakened, which allowing for the showers and thunderstorms to redevelop around the center of the storm.

On Oct. 24, Ana was strengthening and moving northwest while crossing the northwest Hawaiian Islands east of Maro Reef.

A Tropical Storm Warning is in effect for portions of the Papahānaumokuākea Marine National Monument, from French Frigate Shoals to Lisianski.

At 8 a.m. (2 a.m. HST/1200 UTC) the center of Tropical Storm Ana was located near latitude 26.0 north and longitude 168.6 west. Ana was moving toward the northwest near 12 mph (19 kph) and this motion is expected to become more northerly through early Friday, then northeasterly through early Saturday, Oct. 25. Maximum sustained winds were near 50 mph (80 kph).

NOAA's Central Pacific Hurricane Center expects Ana to continue strengthening through early Saturday.

Provided by NASA's Goddard Space Flight Center

Citation: Terra satellite shows a more organized Tropical Storm Ana (2014, October 23) retrieved 1 May 2024 from

https://phys.org/news/2014-10-terra-satellite-tropical-storm-ana_1.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.