

NASA eyes Typhoon Prapiroon intensifying

October 9 2012



NASA's Terra satellite captured this visible image of Tropical Storm Prapiroon in the Philippine Sea on Oct. 8 at 0140 UTC. Credit: Credit: NASA Goddard MODIS Rapid Response Team

Typhoon Prapiroon is the twenty-second tropical cyclone of the western North Pacific Ocean, making for a very active season. NASA's Terra satellite passed over the storm as it was intensifying into a typhoon and noticed very tight circulation with bands of thunderstorms wrapping into



the center.

Tropical Depression 22W was born on Oct. 7. On Monday, Oct. 8, the twenty-second tropical cyclone had organized and strengthened into Tropical storm Prapiroon. At that time it was located about 600 miles southeast of Kadena Air Base, Okinawa, Japan. The storm had <u>maximum sustained winds</u> near 55 knots (63.2 mph/102 kph) on Oct. 8.

The Moderate Resolution Imaging Spectroradiometer (MODIS) instrument aboard NASA's <u>Terra satellite</u> captured a visible image of Tropical Storm Prapiroon in the Philippine Sea on Oct. 8 at 0140 UTC. It revealed a large band of strong thunderstorms wrapping into the center from the west and south.

The next day, Oct. 9, Prapiroon had become a typhoon with maximum sustained winds near 65 knots (75 mph/120.4 kph). It is expected to continue intensifying over the next several days. Prapiroon was located near 18.0 North and 131.8 East longitude, about 555 nautical miles (639 miles/1,028 km) south-southeast of Kadena Air Base, Okinawa, Japan. It is moving to the west-northwest at 4 knots (4.6 mph/7.4 kph). Because the storm slowed down, it has intensified. NASA's Tropical Rainfall Measuring Mission satellite spotted an eye feature using microwave imagery.

Prapiroon is expected to continue moving west and then make a U-turn toward the northeast over the next day or two, while remaining over open ocean.

Provided by NASA's Goddard Space Flight Center

Citation: NASA eyes Typhoon Prapiroon intensifying (2012, October 9) retrieved 7 May 2024 from <u>https://phys.org/news/2012-10-nasa-eyes-typhoon-prapiroon.html</u>



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.