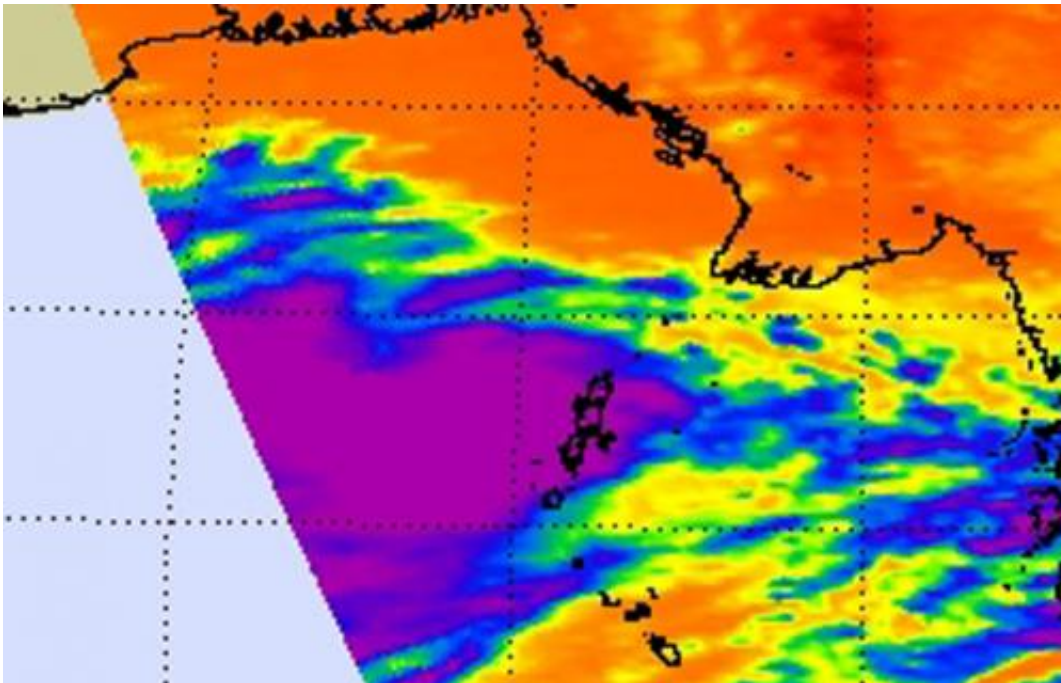


# NASA sees newborn Tropical Storm Hudhud in Northern Indian Ocean

October 8 2014

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NASA's Aqua satellite passed over Tropical Cyclone Hudhud on Oct. 8 at 6:53 UTC (2:53 a.m. EDT) and the Atmospheric Infrared Sounder instrument captured infrared data on the storm revealing bands of strong thunderstorms east of the center. Credit: NASA JPL, Ed Olsen

The Northern Indian Ocean has awakened after a tropical slumber and created Tropical Storm Hudhud on Oct. 8 and NASA's Aqua satellite passed overhead.

The Atmospheric Infrared Sounder or AIRS instrument that flies aboard NASA's Aqua satellite passed over Tropical Cyclone Hudhud on Oct. 8 at 6:53 UTC (2:53 a.m. EDT) and captured [infrared data](#) on the storm revealing bands of strong thunderstorms around the center.

Animated infrared [satellite imagery](#) showed that the low-level circulation center was consolidating, and there is an improvement in the banding of thunderstorms wrapping into a defined center. Another image showed tightly-curved banding of thunderstorms and an eye in [microwave data](#).

On Oct. 8 at 1500 UTC (11 a.m. EDT), Hudhud had maximum sustained winds near 45 knots (51.7 mph/83.3 kph). It was centered near 13.2 north and 90.4 east. It was centered about 562 nautical miles (646.7 miles/1,041 kph) south of Chittagong, India. Hudhud was moving to the west-northwest at 9 knots (10.3 mph/16.6 kph).

The Joint Typhoon Warning Center expects Hudhud to reach hurricane strength and make landfall near Visakhapatnam on Oct. 10.

Provided by NASA's Goddard Space Flight Center

Citation: NASA sees newborn Tropical Storm Hudhud in Northern Indian Ocean (2014, October 8) retrieved 10 July 2024 from

<https://phys.org/news/2014-10-nasa-newborn-tropical-storm-hudhud.html>

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