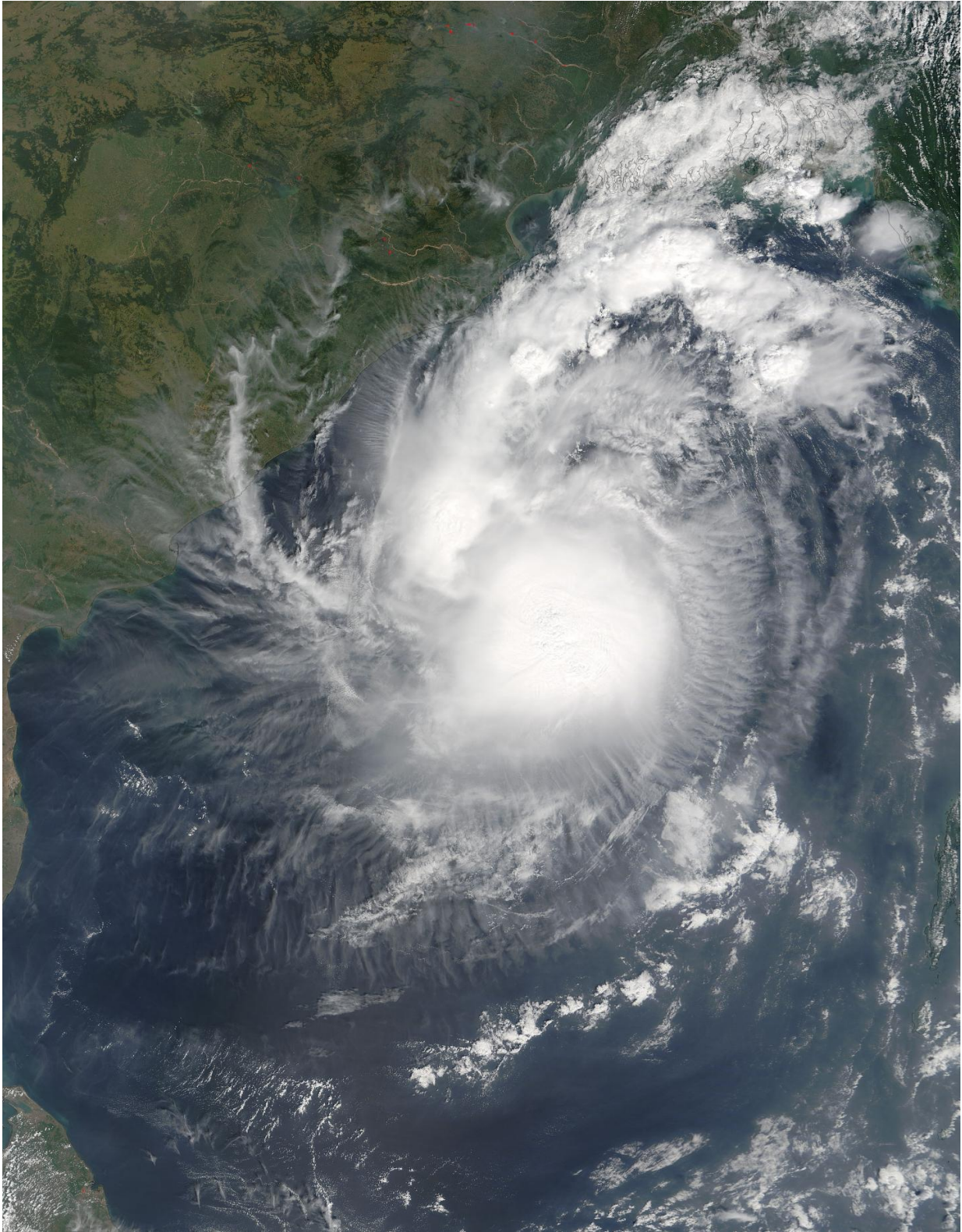


NASA follows Tropical Cyclone Kyant through Bay of Bengal

October 26 2016



On Oct. 26 at 1:05 a.m. EDT (05:05 UTC) NASA's Terra satellite captured this

visible image of Tropical Cyclone Kyant (03B) in the Bay of Bengal. Credit: NASA Goddard MODIS Rapid Response Team

Tropical Cyclone 3B, now named Kyant continued to move in a westerly direction across the Bay of Bengal, Northern Indian Ocean, as NASA's Terra satellite captured an image of the storm.

On Oct. 26 at 1:05 a.m. EDT (05:05 UTC) the Moderate Resolution Imaging Spectroradiometer instrument aboard NASA's Terra satellite captured a visible image of Tropical Cyclone Kyant (03B) in the Bay of Bengal. The image revealed a rounded area of clouds with a fragmented band of thunderstorms wrapping into the low-level center from the northwest of the center.

By 11 a.m. EDT (1500 UTC) Tropical Cyclone Kyant had maximum sustained winds near (45 knots/83.3 kph). It was centered near 15.8 degrees north latitude and 85.8 degrees east longitude, about 419 nautical miles south-southwest of Calcutta, India. Kyant was moving to the west-southwestward at 13.8 mph (12 knots/22.2 kph).

The Joint Typhoon Warning Center (JTWC) said that satellite imagery showed warming cloud-top temperatures and decreased aerial coverage of convection in the six hours before 11 a.m. EDT. Warming cloud top temperatures means weaker uplift of air to push the clouds higher in the troposphere.

JTWC said that the cyclone is being steered southwestward along the southern edge of a subtropical, elongated area of high pressure. The forecast track takes Kyant just north of Chennai, India on Oct. 28.

Because Kyant is expected to run into adverse conditions over the next

day or two, the JTWC expects the system to weaken and dissipate by October 29.

Provided by NASA's Goddard Space Flight Center

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