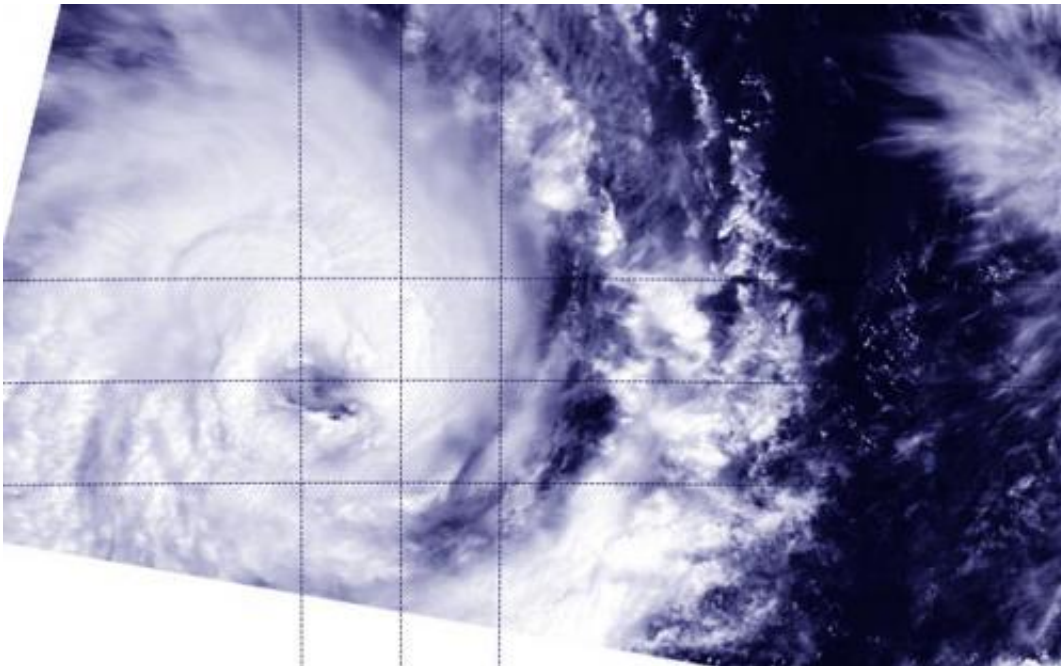


# NASA sees Tropical Cyclone Bruce still wide-eyed

December 19 2013

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NASA's Terra satellite passed over the center of Tropical Cyclone Bruce on Dec. 19 at 03:40 UTC and the MODIS instrument captured this image, clearly showing an eye. Credit: NRL/NASA

Tropical Cyclone Bruce was still maintaining hurricane-force in the Southern Indian Ocean when NASA's Terra satellite passed over the eye of the storm.

The Moderate Resolution Imaging Spectroradiometer instrument known

as MODIS takes amazing visible and [infrared images](#) of [tropical cyclones](#), among other things, and captured a good look into the eye of Bruce on Dec. 19 at 03:41 UTC. Although Bruce's eye seemed to have some [high clouds](#), the eye was still visible. Also visible by MODIS were thick bands of thunderstorms wrapping around the storm's northern quadrant. Convection (rising air that forms the thunderstorms that make up a tropical cyclone) was seen strengthening around the eyewall.

On December 19 at 1500 UTC, Tropical Cyclone Bruce's maximum sustained winds were near 90 knots/103.6 mph/166.7 kph. Bruce was centered near 12.7 south and 90.7 east, about 330 nautical miles/379.8 miles/611.1 km west of Cocos Island, Australia. It was moving to the west-southwest at 10 knots/11.5 mph/18.5 kph.

Bruce is moving along the northern edge of an elongated area of subtropical high pressure and is expected to continue moving to the west-southwest for another three days according to the Joint Typhoon Warning Center.

Provided by NASA's Goddard Space Flight Center

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