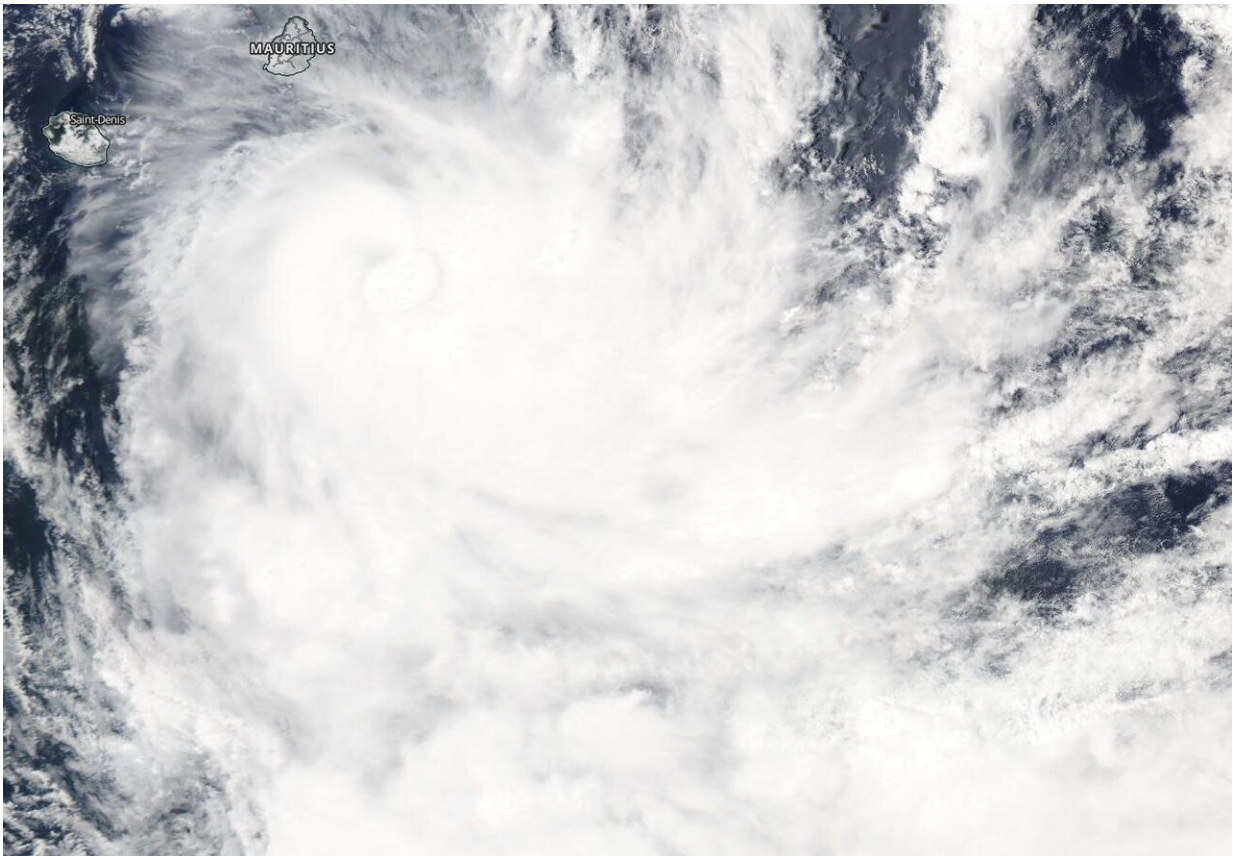


# NASA finds Tropical Storm Calvinia moving away from Mauritius

December 31 2019, by Rob Gutro

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On Dec. 31, 2019, the MODIS instrument that flies aboard NASA's Aqua satellite provided a visible image of Tropical Storm Calvinia in the Southern Indian Ocean. Credit: NASA Worldview

Visible imagery from NASA's Aqua satellite on Dec. 31 revealed that

Tropical Cyclone Calvinia had moved south of the island of Mauritius in the Southern Indian Ocean.

A tropical [cyclone](#) warning class III was still in effect in Mauritius.

On Dec. 31 at 0300 UTC (Dec. 30 at 10 p.m. EST) the Joint Typhoon Warning Center noted that Tropical Cyclone Calvinia was located near latitude 21.1 degrees south and longitude 58.0 degrees east, about 72 nautical miles south-southeast of Port Louis, Mauritius. Maximum sustained winds had increased to 60 knots (69 mph/112 kph).

Later on Dec. 31 the Moderate Resolution Imaging Spectroradiometer or MODIS instrument that flies aboard NASA's Aqua satellite provided a visible image of Calvinia that showed the storm had a well-rounded shape. The MODIS image revealed bands of thunderstorms spiraling into the tight low-level center of circulation.

Calvinia is forecast to turn to the southeast and strengthen to 65 knots. After Jan. 1, the storm will start to become extra-tropical.

Provided by NASA's Goddard Space Flight Center

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