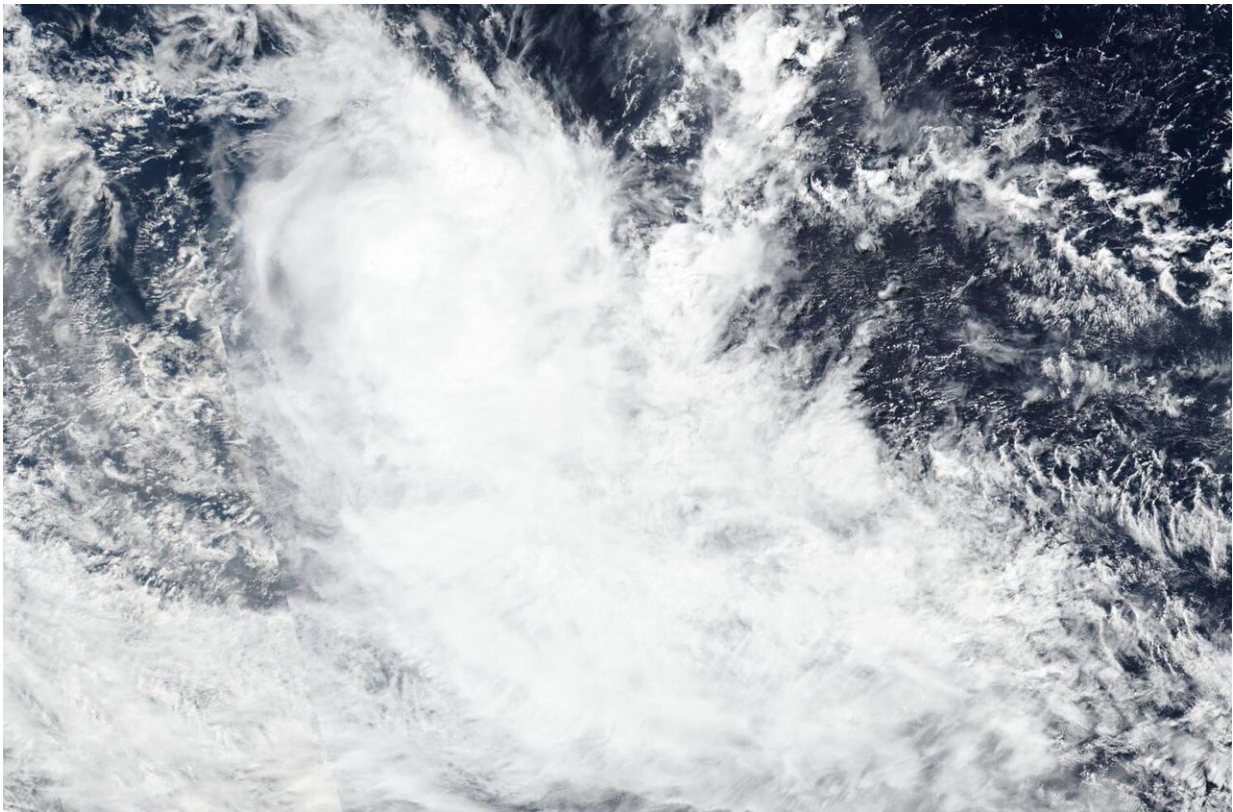


NASA finds Tropical Storm Jeruto develop in Southern Indian Ocean

April 15 2020



NASA-NOAA's Suomi NPP satellite provided forecasters with a visible image of Tropical Storm Jeruto on April 15 shortly after it developed in the Southern Indian Ocean. Credit: NASA Worldview, Earth Observing System Data and Information System (EOSDIS)

The latest tropical cyclone to develop in the Southern Indian Ocean is no

threat to land areas. NASA-NOAA's Suomi NPP satellite provided forecasters with a visible image of Tropical Storm Jeruto on April 15, 2020.

Visible imagery from NASA satellites help forecasters understand if a storm is organizing or weakening. The visible image created by the Visible Infrared Imaging Radiometer Suite (VIIRS) instrument aboard Suomi NPP showed Jeruto was being affected by [wind shear](#) after it developed. Vertical wind shear, that is, winds outside of a tropical cyclone at different heights in the atmosphere (the troposphere) push against a tropical cyclone and tear it apart.

The shape of a tropical cyclone provides forecasters with an idea of its organization and strength, and NASA-NOAA's Suomi NPP satellite showed the storm appeared elongated, as outside winds were pushing clouds away from the center of circulation.

On April 15 at 5 a.m. EDT (0900 UTC), Jeruto's center was located near latitude 15.8 degrees south and longitude 84.3 degrees east. Jeruto was moving west-southwest near 10 knots (12 mph/19 kph). Maximum sustained winds were near 40 knots (46 mph/76 kph).

The Joint Typhoon Warning Center noted [vertical wind shear](#) (wind speeds) will increase and will likely dissipate the storm within a couple of days.

Provided by NASA's Goddard Space Flight Center

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