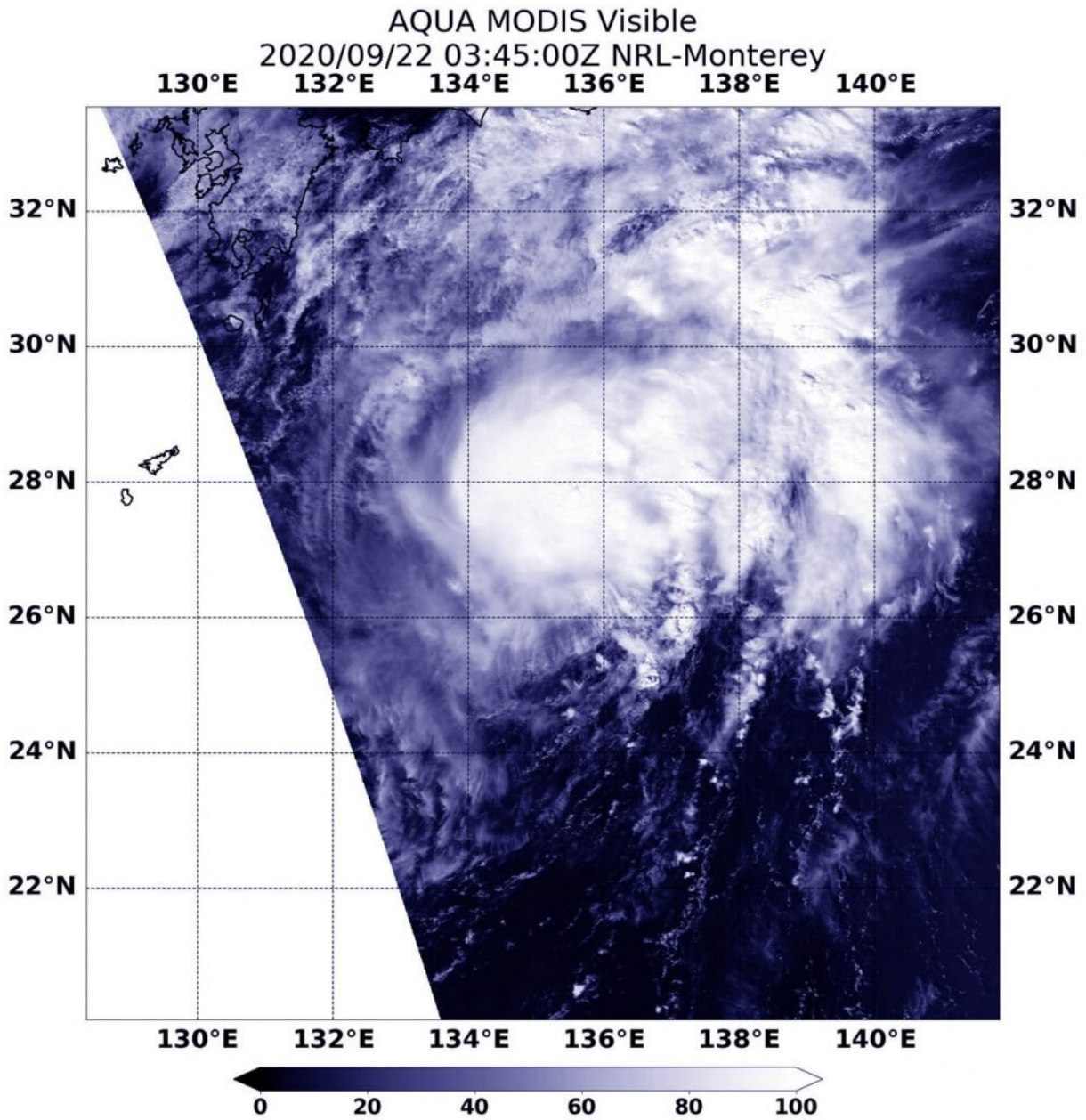


NASA catches Tropical Storm Dolphin swimming north

September 22 2020, by Rob Gutro



On Sept. 22, 2020, NASA's Terra satellite provided a visible image of Tropical Storm Dolphin as it continued moving north through the Northwestern Pacific Ocean. Credit: NASA/NRL

NASA's Terra satellite obtained visible imagery of Tropical Storm Dolphin as it continued moving north through the Northwestern Pacific Ocean on a track toward east central Japan.

NASA Satellite View: Dolphin's Organization

The Moderate Resolution Imaging Spectroradiometer or MODIS instrument that flies aboard NASA's Terra [satellite](#) captured a visible image of Tropical Storm Dolphin on Sept. 22 at 0345 UTC (Sept. 21 at 11:45 p.m. EDT). The visible image revealed strong storms around the low-level center of circulation with bands of thunderstorms in the northeastern quadrant. Microwave [satellite imagery](#) revealed an eye feature.

The Joint Typhoon Warning Center noted that another satellite image indicates that the upper-level circulation center is tilted about 30 nautical miles east of the low-level center due to increasing westerly [vertical wind shear](#).

NASA's Terra satellite is one in a fleet of NASA satellites that provide data for hurricane research.

Dolphin on Sept. 22

At 5 a.m. EDT (0900 UTC) on Sept. 22 Tropical storm Dolphin was located near latitude 27.9 degrees north and longitude 135.5 degrees

east, about 493 nautical miles south-southwest of Yokosuka, Japan. Dolphin was moving to the north and had maximum sustained winds 60 knots (69 mph/111 kph).

Dolphin will move north, later turning to the northeast. It is expected to weaken gradually before becoming extra-tropical near Tokyo.

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Provided by NASA's Goddard Space Flight Center

Citation: NASA catches Tropical Storm Dolphin swimming north (2020, September 22)
retrieved 19 April 2024 from

<https://phys.org/news/2020-09-nasa-tropical-storm-dolphin-north.html>

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