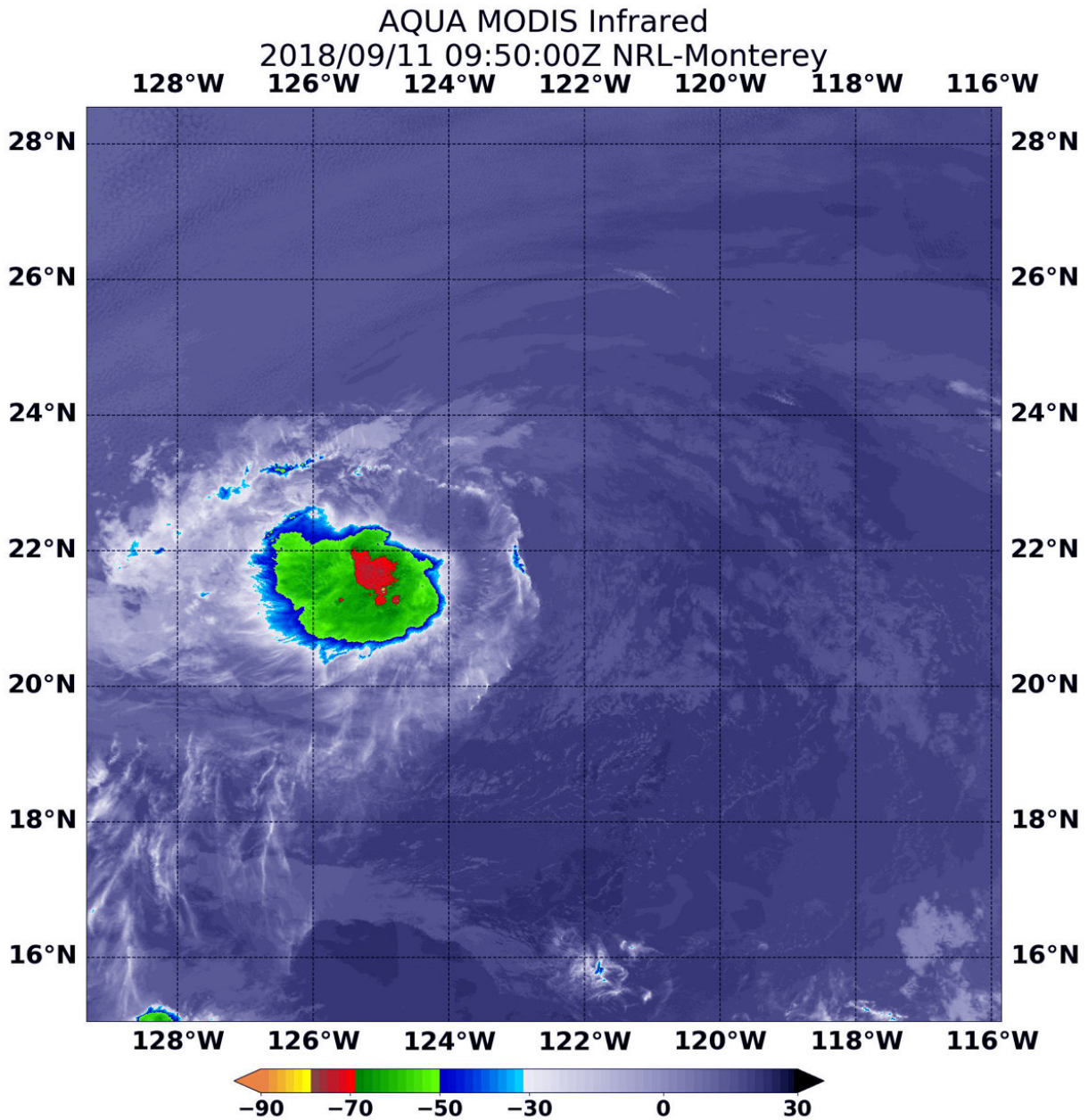


# NASA sees Tropical Depression Paul's strength sapped

September 11 2018



At 5:50 a.m. EDT (0950 UTC) on Sept. 11, the MODIS instrument aboard NASA's Aqua satellite looked at Tropical Depression Paul infrared light. MODIS found a small area of coldest cloud tops (red) had temperatures near minus 70 degrees Fahrenheit (minus 56.6 degrees Celsius). Credit: NASA/NRL

NASA's Aqua satellite provided an infrared look at Tropical Depression Paul and found its center pushed away from strongest storms.

At 5:50 a.m. EDT (0950 UTC) on Sept. 11, from the Moderate Resolution Imaging Spectroradiometer or MODIS instrument aboard NASA's Aqua satellite revealed a small area of strongest storms in Paul. Those storms, pushed west of the [center](#) of circulation, had cloud tops with temperatures near minus 70 degrees Fahrenheit (minus 56.6 degrees Celsius). NASA research has found that cloud top temperatures that cold have the capability to generate heavy rainfall.

NOAA's National Hurricane Center (NHC) said "The center of Paul remains to the east of a small area of deep convection."

At 8 a.m. EDT (1500 UTC), the center of Tropical Depression Paul was located near latitude 22.3 North, longitude 124.1 West. Paul is far from land areas so there are no warnings or watches in effect. It is centered about 905 miles (1,460 km) west of the southern tip of Baja California, Mexico.

The depression is moving toward the west-northwest near 12 mph (19 kph). A gradual turn toward the west and a decrease in forward speed is anticipated over the next few days.

Maximum sustained winds remain near 35 mph (55 kph) with higher

gusts. Slow weakening is anticipated as Paul moves into a stable, drier air mass and over cooler [sea surface temperatures](#). Paul is expected to weaken into a remnant low on Wednesday, Sept. 12.

For updated forecasts, visit: <http://www.nhc.noaa.gov>

Provided by NASA's Goddard Space Flight Center

Citation: NASA sees Tropical Depression Paul's strength sapped (2018, September 11) retrieved 27 April 2024 from <https://phys.org/news/2018-09-nasa-tropical-depression-paul-strength.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.