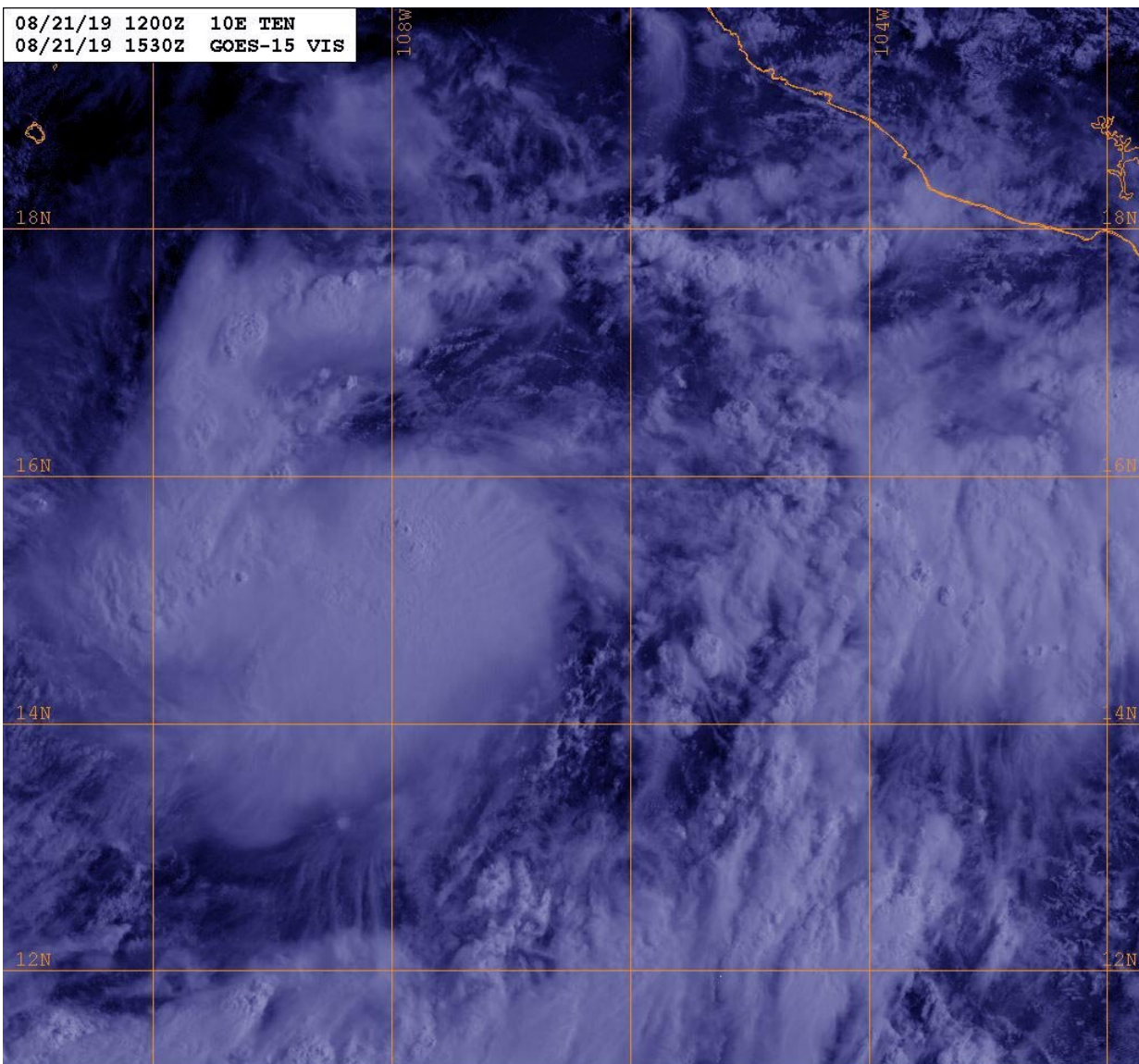


Satellite sees Eastern Pacific Depression 10E form

August 22 2019, by Rob Gutro



Naval Research Lab http://www.nrlmry.navy.mil/sat_products.html
<-- Visible (Sun elevation at center is 39 degrees) -->

NOAA's GOES-West satellite provided a visible image of the newly developed depression on August 21, 2019 at 11:30 a.m. EDT (1530 UTC). The system appears more organized and circular on satellite imagery. Credit: NOAA/NRL

Tropical Depression 10E has formed in the Eastern Pacific Ocean and the GOES-West satellite caught its formation far from the Baja Peninsula.

NOAA's GOES-West [satellite](#) provided a visible image of the newly developed [depression](#) on August 21, 2019. The system appears more organized and circular on satellite imagery. In addition, An early morning scatterometer instrument overpass that looks at winds in a system, showed a nearly closed surface low pressure area.

At 11 a.m. EDT (1500 UTC), the center of Tropical Depression Ten-E was located near latitude 15.4 degrees north and longitude 107.3 degrees west. That's about 545 miles (875 km) south-southeast of the southern tip of Baja California, Mexico.

NOAA's National Hurricane Center or NHC said the depression is moving toward the west-northwest near 18 mph (30 kph). A turn to the northwest along with a decrease in forward speed is expected by Thursday, Aug. 22. Maximum sustained winds are near 35 mph (55 kph) with higher gusts. The estimated minimum central pressure is 1007 millibars.

NHC said, "Steady strengthening is forecast for the next couple of days and the depression is expected to become a [tropical storm](#) by tonight, and a hurricane by Friday."

More information: For updated forecasts visit:

<http://www.nhc.noaa.gov>

Provided by NASA's Goddard Space Flight Center

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