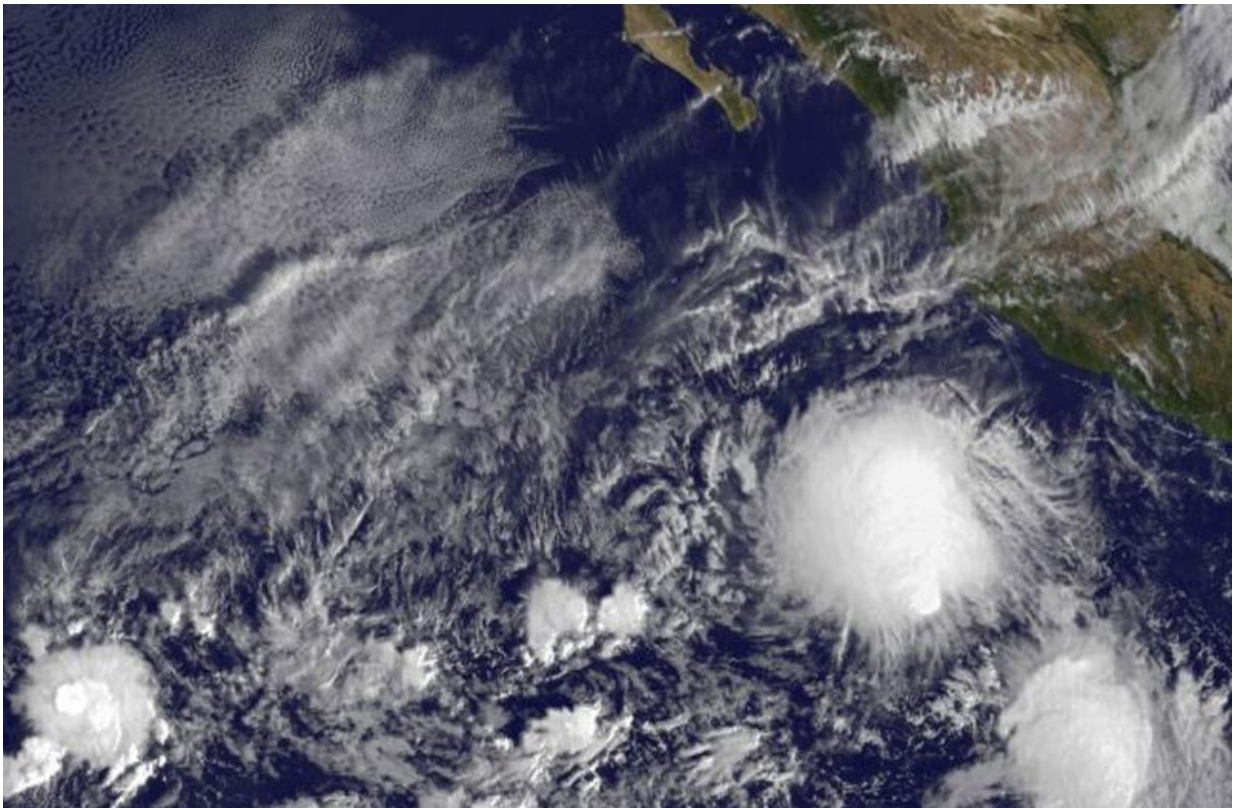


Twenty-first depression forms in eastern Pacific Ocean

November 18 2015



On Nov. 18 at 1500 UTC (10:00 a.m. EST), the NOAA's GOES-West satellite saw the Tropical Depression 21E form well southwest of the western Mexican coast. Credit: NASA/NOAA GOES Project

NOAA's GOES-West satellite provided images of the birth of the latest tropical depression in the Eastern Pacific Ocean. Tropical Depression

21E formed well southwest of the Coast of Mexico.

On Nov. 18 at 1500 UTC (10:00 a.m. EST), the NOAA's GOES-West satellite saw the Tropical Depression 21E form well southwest of the western Mexican coast. The storm appeared rounded in GOES imagery, but the storm was being affected by [wind shear](#).

Forecaster Kimberlain at the National Hurricane Center said "These data and first-light visible satellite imagery also indicate that the center of the cyclone is near the southeastern edge of large mass of cold-topped convection, suggesting the presence of some southeasterly [vertical wind] shear."

At 11 a.m. EST (1600 UTC), the center of Tropical Depression Twenty-One-E was located near latitude 13.0 north, longitude 107.2 west. That puts the center about 455 miles (735 km) south-southwest of Manzanillo, Mexico. The estimated minimum central pressure is 1005 millibars.

The depression was moving toward the north near 2 mph (4 kph), and this general motion is expected to continue today. A turn toward the north-northwest and then northwest is expected Thursday and Friday with an increase in forward speed. Maximum sustained winds are near 35 mph (55 km/h) with higher gusts.

Some strengthening is forecast during the next 48 hours, and the depression is expected to become a [tropical storm](#) tonight or Thursday, Nov. 19.

The National Hurricane Center forecast track turns the storm away from the coast, toward the west-northwest. For updated forecasts, visit:

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

Provided by NASA's Goddard Space Flight Center

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