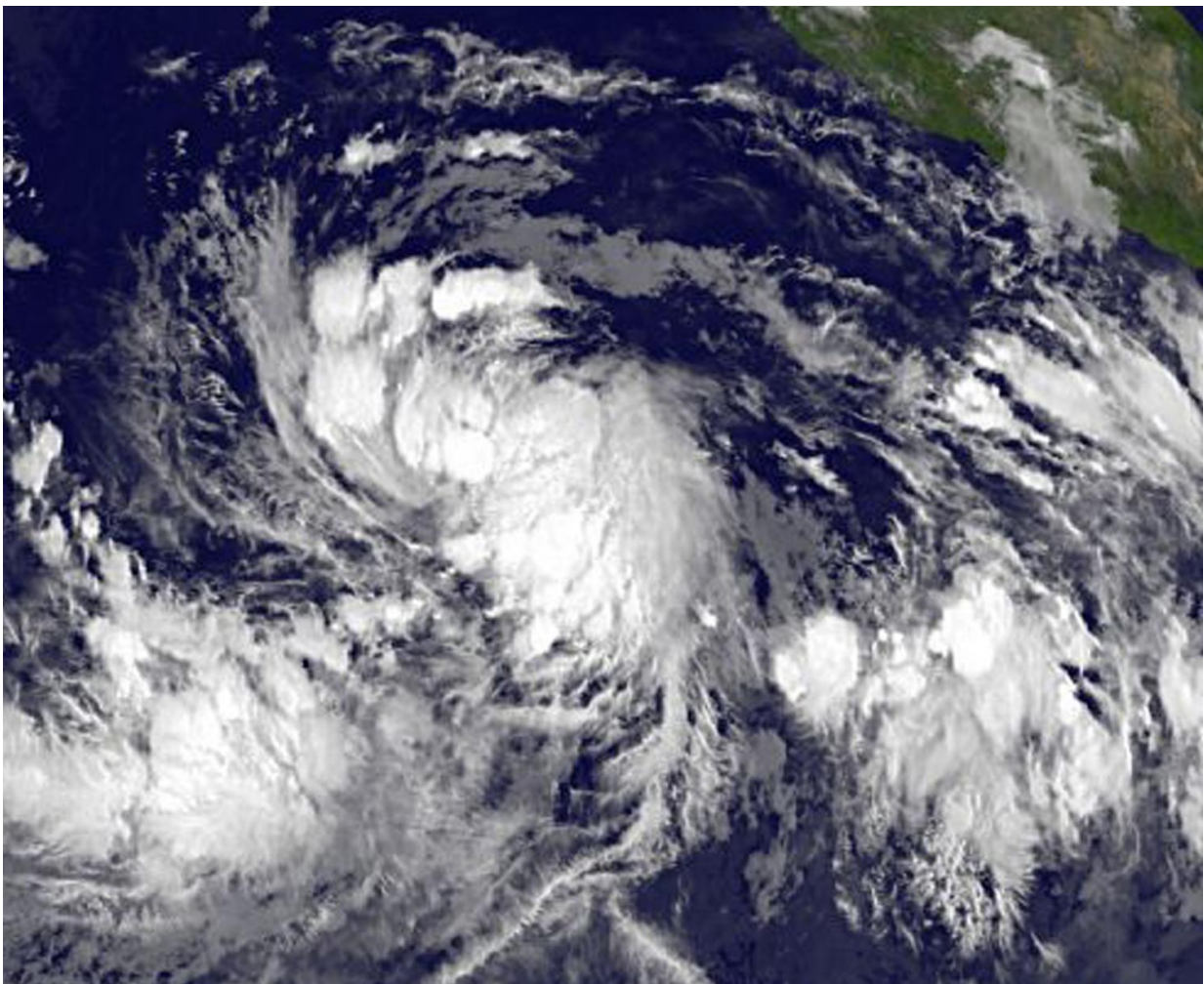


Early daylight satellite image shows depression intensify into Tropical Storm Celia

July 8 2016



NOAA's GOES-West satellite captured a visible light image of Tropical Storm Celia at 1200 UTC (8 a.m. EDT). Credit: NASA/NOAA GOES Project

Tropical Depression 4E strengthened into a tropical storm as NOAA's GOES-West satellite captured an early daylight image of the storm.

NOAA's GOES-West satellite captured a visible light image of Tropical Storm Celia at 1200 UTC (8 a.m. EDT). The National Hurricane Center said that this early first-light image showed a "ragged central dense overcast surrounded by a complex of outer bands (of thunderstorms)." The cloud pattern of the [tropical depression](#) has become better organized. The image was created by the NASA/NOAA GOES Project at NASA's Goddard Space Flight Center, Greenbelt, Maryland.

At 11 a.m. EDT (1500 UTC) on July 8 the center of Tropical Storm Celia was located near latitude 12.6 north and longitude 112.8 west. That's about 735 miles (1,185 km) south-southwest of the southern tip of Baja California, Mexico. Celia was moving toward the west near 9 mph (15 kph) and the National Hurricane Center (NHC) said that this motion is expected to continue with some increase in forward speed during the next couple of days. Maximum sustained winds have increased to near 45 mph (75 kph) with higher gusts. The estimated minimum central pressure is 1003 millibars.

The NHC said that Celia is forecast to be in an environment of light [vertical wind shear](#) for the next 3-4 days over the next day or two the cyclone will pass near or over an area of cooler sea surface temperatures left in the wake of Hurricane Blas. This should slow intensification during this time, but Celia is expected to intensify to [hurricane](#) strength by Sunday, July 10.

For updated forecasts, visit NHC's website: <http://www.nhc.noaa.gov>

Provided by NASA's Goddard Space Flight Center

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