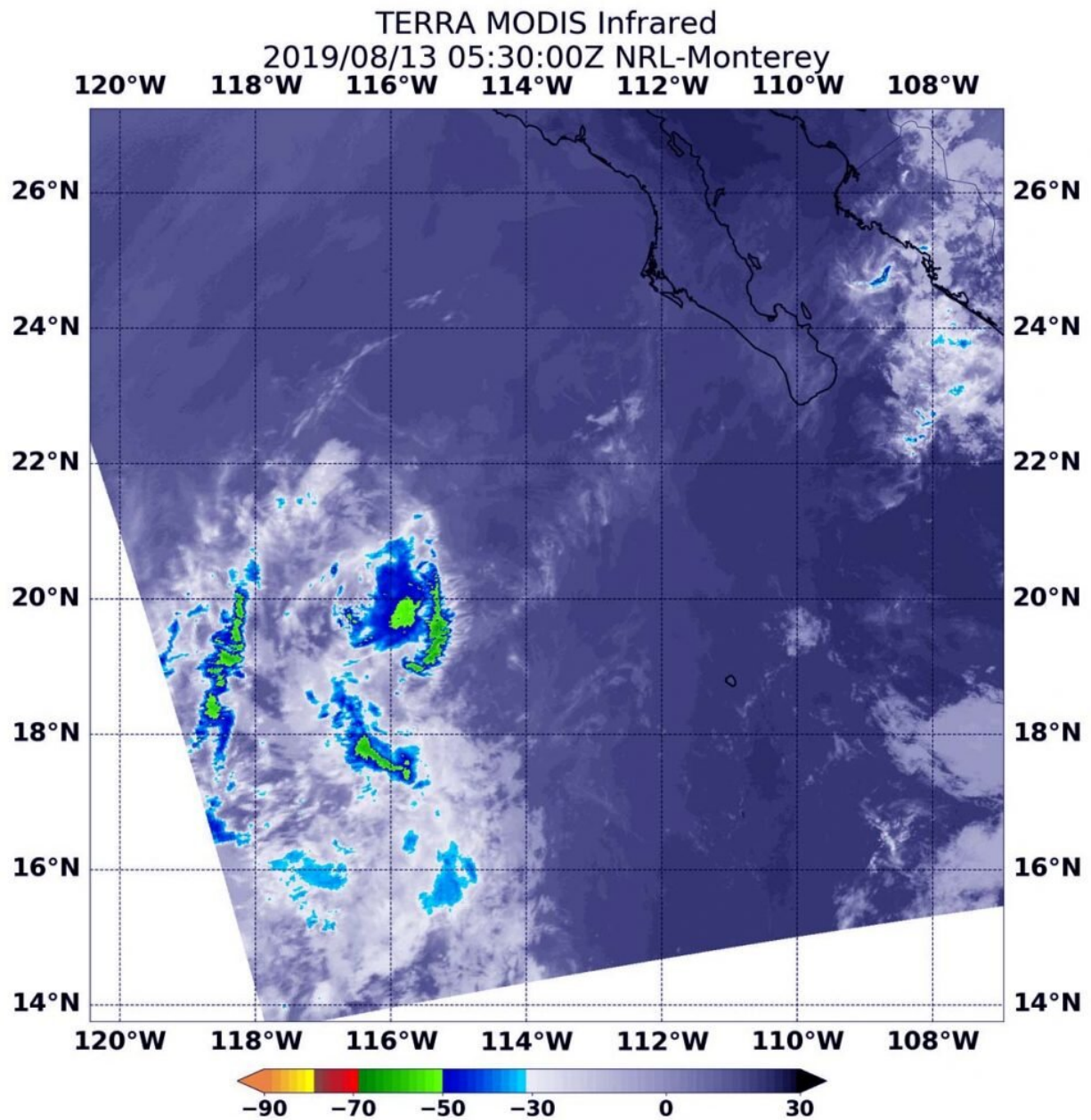


# NASA finds Henriette fading

August 13 2019, by Rob Gutro



On August 13 at 1:30 a.m. EDT (0530 UTC), the MODIS instrument that flies aboard NASA's Terra satellite showed strongest thunderstorms in Tropical Depression Henriette were fragmented. Coldest cloud top temperatures were as cold as minus 50 degrees Fahrenheit (minus 45.5 Celsius). Credit: NASA/NRL

Infrared imagery from NASA's Terra satellite found just a few scattered areas of cold clouds in the Eastern Pacific Ocean's Tropical Depression Henriette on August 13.

NASA's Terra satellite uses [infrared light](#) to analyze the strength of storms by providing temperature information about the system's clouds. The strongest thunderstorms that reach high into the atmosphere have the coldest cloud top temperatures.

On August 13 at 1:30 a.m. EDT (0530 UTC), the Moderate Imaging Spectroradiometer or MODIS instrument that flies aboard NASA's Terra satellite gathered infrared data on Henriette.

MODIS found just a few scattered areas of cold [clouds](#) in thunderstorms in the [depression](#). Those thunderstorms had cloud top temperatures as cold as minus 50 degrees Fahrenheit (minus 45.5 Celsius).

NOAA's National Hurricane Center (NHC) noted that Henriette was weakening quickly. At 5 a.m. EDT (0900 UTC), the center of Tropical Depression Henriette was located near latitude 21.1 degrees north and longitude 115.2 degrees west. That's about 360 miles (580 km) west-southwest of the southern tip of Baja California, Mexico. The depression is moving toward the west-northwest near 13 mph (20 km/h) and this general motion should continue through tonight.

Maximum sustained winds have decreased to near 30 mph (45 kph) with

higher gusts.

The estimated minimum central pressure is 1008 mb (29.77 inches).

NHC said, "Additional weakening is expected during the next 24 hours, and the depression is forecast to degenerate into a remnant low later today [Aug. 13, 2019]."

Provided by NASA's Goddard Space Flight Center

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