

Satellite sees birth of Tropical Storm Felicia in Eastern Pacific Ocean

July 23 2015



NOAA's GOES-West satellite captured an image of Tropical Storm Felicia on July 23 at 11:45 a.m. EDT showing a curved band of thunderstorms are wrapping around the southern quadrant of the storm. Credit: NASA/NOAA GOES Project

Tropical Storm Felicia was born early on July 23 in the Eastern Pacific Ocean, over 400 miles southwest of Baja California's southern tip.

NOAA's GOES-West satellite provided an infrared image of the newborn storm.

Previously known as tropical low pressure area "System 99E," the storm finally developed after days of remaining unorganized. NOAA's GOES-West satellite captured an image of Tropical Storm Felicia on July 23, 2015 at 15:45 UTC (11:45 a.m. EDT). Satellite imagery shows that a curved band of thunderstorms are wrapping around the southern quadrant of the storm.

The low pressure area became Tropical Depression 7E at 5 a.m. EDT (0900 UTC) on July 23. By 11 a.m. EDT (1500 UTC) the depression strengthened into a [tropical storm](#) and was named Felicia. At that time, Felicia was located near latitude 19.1 North, longitude 114.9 West. Felicia was moving toward the northwest near 13 mph (20 kph) and is forecast to turn to the west-northwest is forecast by Friday night, July 24. Maximum sustained winds were near 40 mph (65 kph).

The National Hurricane Center's forecaster Brennan noted that Tropical Storm Felicia doesn't seem to have much of a chance to develop much more as it's heading into cooler waters and moderate northerly vertical wind shear is expected to continue until it gets into those cooler waters. The area it is headed toward are 26 Celsius (78.8 Fahrenheit), and [tropical cyclones](#) need sea surface temperatures of at least 26.6 Celsius (80 Fahrenheit) to maintain or increase intensity.

The National Hurricane Center expects Felicia to weaken late on July 24 and become a remnant low pressure area over the weekend of July 25 and 26.

Provided by NASA's Goddard Space Flight Center

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