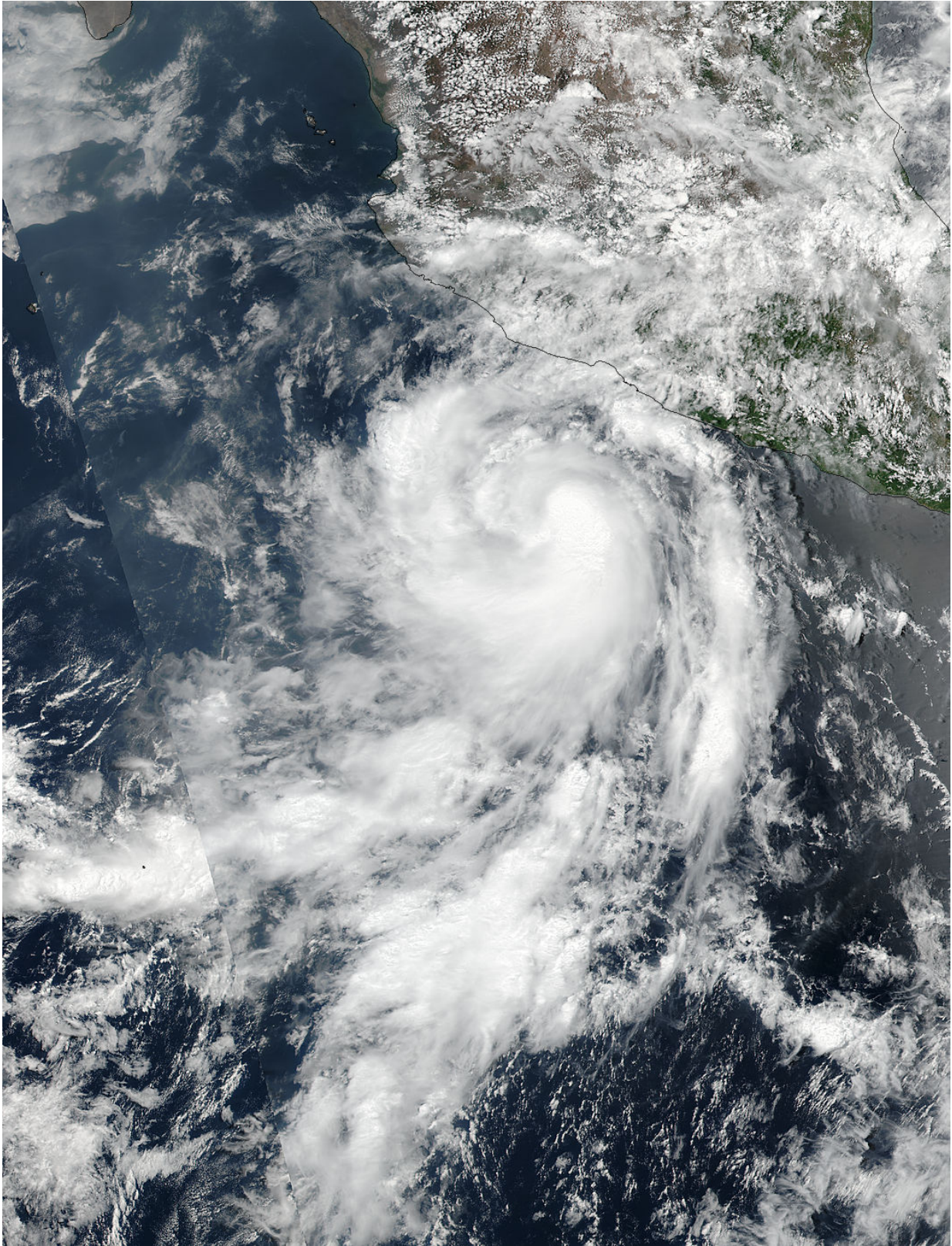


NASA sees quick development of Hurricane Dora

June 26 2017



On June 25, NASA-NOAA's Suomi NPP satellite captured this visible image of

Tropical Storm Dora in the Eastern Pacific. Credit: NASA/NOAA

The fourth tropical cyclone of the Eastern Pacific Ocean season formed on June 25 and by June 26 it was already a hurricane. NASA-NOAA's Suomi NPP satellite passed over Dora on June 25 when it was a tropical storm and the next day it became the first hurricane of the season.

Tropical Depression Dora developed around 11 p.m. EDT on Saturday, June 24 about 180 miles (290 km) south of Acapulco, Mexico. By 5 a.m. EDT on June 25, the depression had strengthened into a [tropical storm](#) and was named Dora.

At 19:36 UTC (3:36 p.m. EDT), the Visible Infrared Imaging Radiometer Suite (VIIRS) instrument aboard NASA-NOAA's Suomi NPP satellite provided a visible-light image of the storm. The VIIRS imagery showed well-defined convective spiral bands of thunderstorms with a developing central dense overcast or CDO cloud feature.

Seven and a half hours later, Dora showed signs of better organization. At 11 p.m. EDT, the National Hurricane Center or NHC noted "Dora's cloud pattern has continued to quickly improve this evening. Several well-defined spiral bands wrap around the center and the CDO has become more symmetric and expanded since the previous advisory."

At 5 a.m. EDT on Monday, June 26, Dora became the first [hurricane](#) of the Eastern Pacific Ocean hurricane season. Satellite data indicate that maximum sustained winds have increased to near 80 mph (130 kph) with higher gusts.

The NHC said the eye of Hurricane Dora was located near latitude 16.7 degrees North and longitude 105.3 degrees West. That's about 170 miles

(275 km) south-southwest of Manzanillo, Mexico. Dora was moving toward the west-northwest near 13 mph (20 kph), and the NHC forecast said that general motion with some decrease in forward speed is expected over the next 48 hours. On the forecast track, the center of Dora is expected to remain offshore of the coast of southwestern Mexico.

Some strengthening is likely today before weakening is forecast to begin on Tuesday, June 27. For updated forecasts, visit:
<http://www.nhc.noaa.gov>.

Provided by NASA's Goddard Space Flight Center

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