

Second Atlantic season tropical depression forms

June 17 2013



Tropical Depression 2 formed in the western Caribbean Sea during the early afternoon hours (Eastern Daylight Time) on June 17. NOAA's GOES-13 satellite captured an image of the storm as it consolidated enough to become a tropical depression while approaching the coast of Belize. Credit: NASA GOES Project/NASA's Goddard Space Flight Center

Tropical Depression 2 formed in the western Caribbean Sea during the

early afternoon hours (Eastern Daylight Time) on June 17. NOAA's GOES-13 satellite captured an image of the storm as it consolidated enough to become a tropical depression while approaching the coast of Belize. NOAA's GOES-13 satellite sits in a fixed orbit and monitors the weather in the eastern half of the continental United States and the Atlantic Ocean. NASA's GOES Project at NASA's Goddard Space Flight Center in Greenbelt, Maryland uses the data from GOES-13 and creates imagery.

NASA's GOES Project created an image of Tropical Depression 2 from June 17 at 1:10 p.m. EDT. Looking closely at the imagery, strong thunderstorms are firing up around the center of circulation, just off-shore from Belize. The clouds associated with the depression stretch much farther, from far western Cuba, to the eastern [Yucatan Peninsula](#), and over Belize and Honduras.

The National Hurricane Center designated the low pressure area as Tropical Depression 2 at 11 a.m. EDT. At that time it had [maximum sustained winds](#) near 35 mph (55 kph) and was moving to the west-northwest at 13 mph (20 kph). Tropical Depression 2 is located near 16.2 north and 87.6 west, about 60 miles (95 km) east of Monkey River Town, Belize.

The center of the depression will move inland over southern Belize this afternoon where no change in strength is expected as it moves over land. The depression could emerge into the Bay of Campeche on Tuesday, according to the National Hurricane Center (NHC). NHC noted that an increase in strength is possible on Tuesday if the center emerges into the Bay of Campeche. If that happens, [Tropical Depression](#) 2 could become Tropical Storm Barry.

Provided by NASA's Goddard Space Flight Center

Citation: Second Atlantic season tropical depression forms (2013, June 17) retrieved 16 July 2024 from <https://phys.org/news/2013-06-atlantic-season-tropical-depression.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.