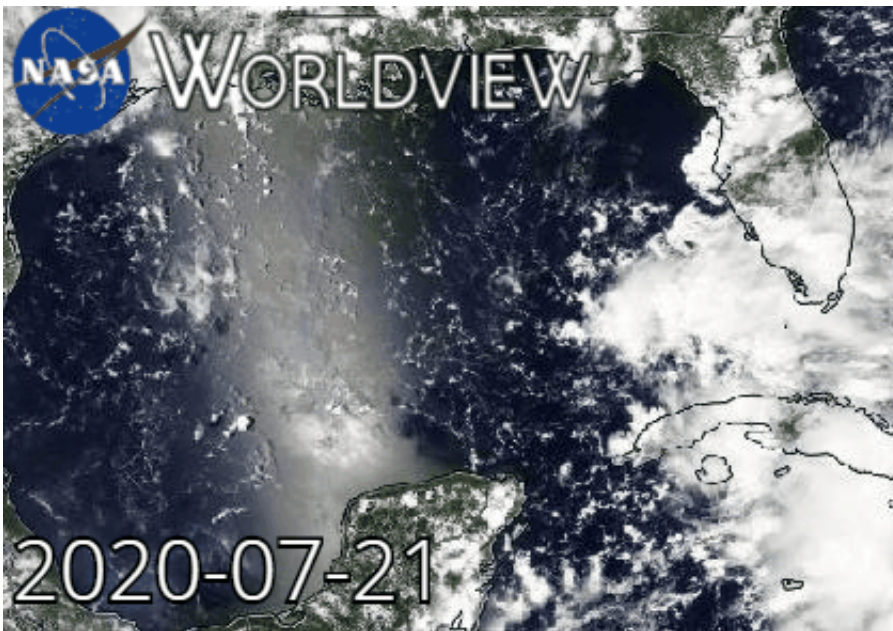


NASA animation tracks Tropical Storm Hanna's progression

July 24 2020, by Rob Gutro



This animation of visible imagery from NASA Aqua Satellite shows the development of Tropical Storm Hanna from July 20 to 23. Clouds associated with the low-pressure area were near south Florida and moved west over the Gulf of Mexico where it formed into a depression and further into a tropical storm. Credit: NASA Worldview, Earth Observing System Data and Information System (EOSDIS).

NASA's Aqua satellite obtained visible imagery as Tropical Storm Hanna formed in the Gulf of Mexico and continued to organize. A new animation from NASA shows how Hanna developed and intensified as it

heads toward landfall in Texas this weekend.

NASA Satellite View: Hanna's Organization

The Moderate Imaging Spectroradiometer or MODIS instrument that flies aboard NASA's Aqua satellite captured a visible image of Tropical Storm Hanna on July 23 at 1:30 p.m. EDT. The image showed the [storm](#) appeared more organized and had a more rounded shape than it did the previous couple of days. That is an indication that the storm was consolidating, organizing and strengthening.

Satellite imagery from the two days before were coupled with the July 23 image and made into an animation using NASA's Worldview product at NASA's Goddard Space Flight Center in Greenbelt, Md. That animation showed the clouds associated with the low-pressure area near south Florida and moving west over the Gulf of Mexico where it formed into a depression and further into a [tropical storm](#).

Warnings Posted

On July 24, 2020, the National Hurricane Center posted a Tropical Storm Warning from the mouth of the Rio Grande to San Luis Pass, Texas.

Tropical Storm Hanna on July 24

At 11 a.m. EDT (1500 UTC) on July 24, the National Hurricane Center (NHC) noted the center of Tropical Storm Hanna was located by NOAA reconnaissance aircraft near latitude 27.2 degrees north and longitude 93.2 degrees west. That is 260 miles (420 km) east of Corpus Christi, Texas.

Hanna is moving toward the west-northwest near 9 mph (15 kph), and this motion should continue today. Maximum sustained winds have increased to near 45 mph (75 kph) with higher gusts. Reports from the NOAA reconnaissance aircraft indicate that the minimum central pressure is 1000 millibars.



NASA's Aqua satellite provided a visible image to forecasters of Tropical Storm Hanna after it developed in the Gulf of Mexico on July 23 at 1:30 p.m. EDT. Credit: Image NASA Worldview, Earth Observing System Data and Information System (EOSDIS).

Hanna's Forecast Track

The NHC forecast calls for a turn toward the west is expected tonight, followed by a westward to west-southwestward motion through the weekend. Gradual strengthening is expected until the tropical cyclone makes landfall. On the forecast track, the center of Hanna should make landfall along the Texas coast within the warning area Saturday afternoon or evening. Steady weakening is expected after Hanna moves inland.

Provided by NASA's Goddard Space Flight Center

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