What has changed: Both Laura and Marco have the potential to cause heavy rain, damaging winds, and elevated tides in our region.

Next Briefing: Saturday, August 22nd, at 4:00 Pm CDT
Situation Overview

Tropical Storm Marco and Tropical Storm Laura

- There is still high uncertainty regarding the track and intensity forecast for both tropical storms. This morning’s forecasts show our region being at risk from both tropical systems.

- Tropical Storm Marco is intensifying, and could become a hurricane soon. It is forecast to be in the southern Gulf of Mexico on Sunday, and threaten Texas and/or Louisiana on Tuesday.

- Tropical Storm Laura is forecast to move across the islands of the Caribbean, so it isn’t expected to strengthen until it gets in the southeastern Gulf of Mexico on Monday. It will become a hurricane in the eastern Gulf and threaten Louisiana by Wednesday.
Situation Overview

Tropical Storm Marco

Tropical Storm Marco is getting better organized this morning, and could become a hurricane today.

- It will enter the southern Gulf of Mexico on Sunday.

- Marco will be moving towards our region Monday and Tuesday, but is forecast to turn to the west before landfall in Texas.

NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.
Tropical Storm Laura is forecast to move over the large islands in the Caribbean, so little strengthening is expected over the next couple of days.

It should enter the southeastern Gulf of Mexico on Monday.

It could be a hurricane in the Gulf before making landfall in Louisiana on Wednesday.

**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.
Wind Probabilities
Tropical Storm Marco and Tropical Storm Laura

Tropical-Storm-Force Wind Speed Probabilities (Preliminary)
For the 120 hours (5.0 days) from 8 AM SAT AUG 22 to 8 AM AST AUG 27

Hurricane-Force Wind Speed Probabilities (Preliminary)
For the 120 hours (5.0 days) from 8 AM SAT AUG 22 to 8 AM AST AUG 27

Probability of tropical-storm-force winds (1-minute average >= 38 mph) from Tropical Storm Laura
○ indicates Tropical Storm Laura center location at 8 AM AST SAT AUG 22, 2020 (Forecast/Advisory #11)

Probability of hurricane-force winds (1-minute average >= 74 mph) from Tropical Storm Laura
○ indicates Tropical Storm Laura center location at 8 AM AST SAT AUG 22, 2020 (Forecast/Advisory #11)
Tropical Storm Wind Timing
Tropical Storm Marco and Tropical Storm Laura
This is a category one hurricane storm surge for a system moving northwest at 10 mph. This is a worst-case scenario, not an actual individual storm track forecast.
Outer rain bands from Marco could be in our region by Monday, so that would be the time of when heavy rains will begin.

Depending on the path of Marco and Laura, heavy rain could be a problem Tuesday through Thursday next week.
Potential Weather Impacts
Tropical Storm Marco and Tropical Storm Laura

It is still too early to have any confidence on where the two storms will make landfall, so the following impact points are likely going to be changing over the next few days.

- **Winds:** Hurricane force winds are possible along coastal areas, with strong tropical storm force winds along the I-10 corridor. Tropical storm force winds are possible further inland. The timing will be in the Tuesday-Wednesday time frame.

- **Storm Surge:** Since it is possible we could see a category one hurricane in our region, storm surge is typically in the 2 to 8 ft above ground level range, with locally higher amounts, in the Tuesday-Wednesday time frame.

- **Rainfall:** Depending on how fast the tropical systems are moving, rainfall totals conservatively could be in the 5 to 10 inch range, but if either storm stalls or slows down, much higher amounts are possible.
There is still high uncertainty regarding the track and intensity forecast for both tropical storms. This morning’s forecasts show our region being at risk from both tropical systems.

Tropical Storm Marco is intensifying, and could become a hurricane soon. It is forecast to be in the southern Gulf of Mexico on Sunday, and threaten Texas and/or Louisiana on Tuesday.

Tropical Storm Laura is forecast to move across the islands of the Caribbean, so it isn’t expected to strengthen until it gets in the southeastern Gulf of Mexico on Monday. It will become a hurricane in the eastern Gulf and threaten Louisiana by Wednesday.

We have **low confidence** in the track and intensity of both systems.
The Next Briefing:
Saturday 4:00 PM CDT

Web: http://weather.gov/lakecharles
Phone: 337.477.5285 x1
E-mail: roger.erickson@noaa.gov

Facebook: NWSLakeCharles
Twitter: NWSLakeCharles
YouTube: NWSLakeCharles

For the latest graphics and information go to: www.hurricanes.gov or www.weather.gov/srh/tropical?office=lch