



HURRICANE FRANCINE BRIEFING

11:00 AMCT

Wednesday, September 11,
2024

What has changed:

- No significant changes since the 4AM advisory



Situation Overview

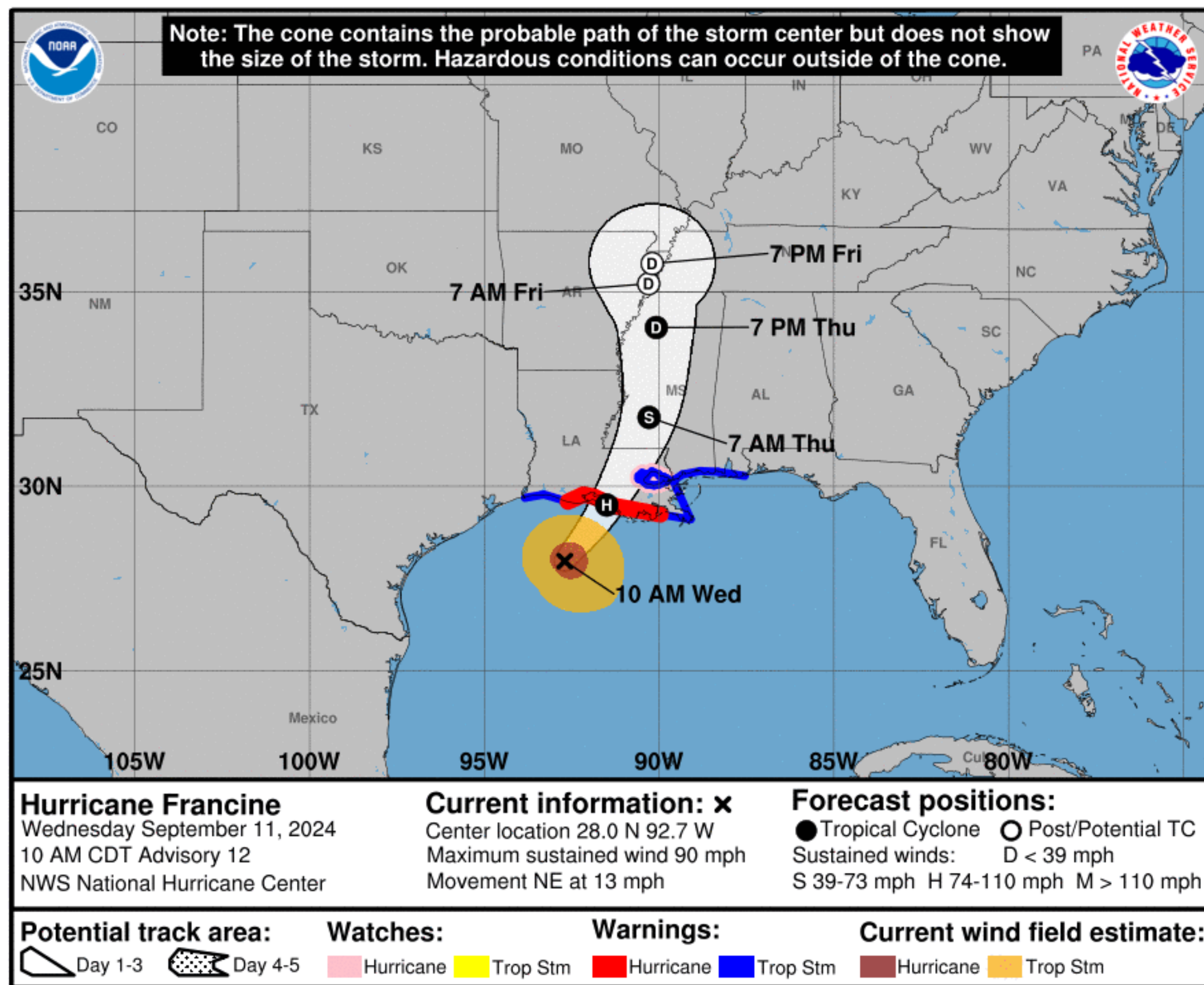
Hurricane Francine

- **Francine is a category 1 hurricane, moving to the northeast and slowly increasing in forward speed.**
- Landfall is expected around late afternoon/early evening.
- Conditions will deteriorate through the day today, with the worst conditions this evening and through the first part of tonight.
- Impacts from Francine will include moderate to life-threatening coastal flooding, damaging winds, heavy rain and a few tornadoes beginning early Today through Thursday morning.



Situation Overview

Hurricane Francine



- Francine is currently a hurricane with maximum sustained winds of 90mph.
- It is forecast to continue moving northeastward until landfall along the central Louisiana coast late this afternoon or evening.

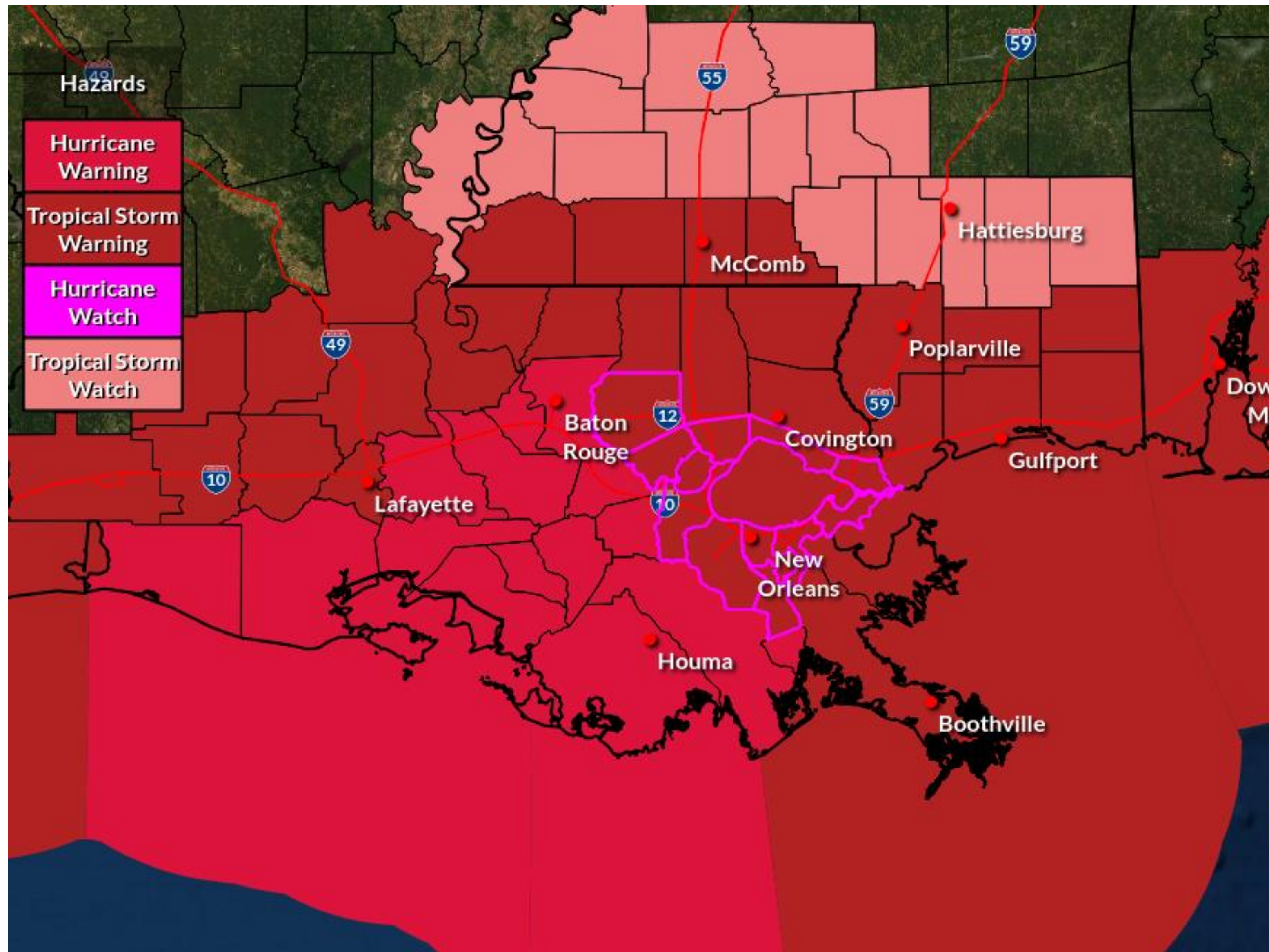
NOTE: Do not focus on the exact track.

Impacts can occur well outside the area enclosed by the cone.



Wind Watches and Warnings

Hurricane Francine

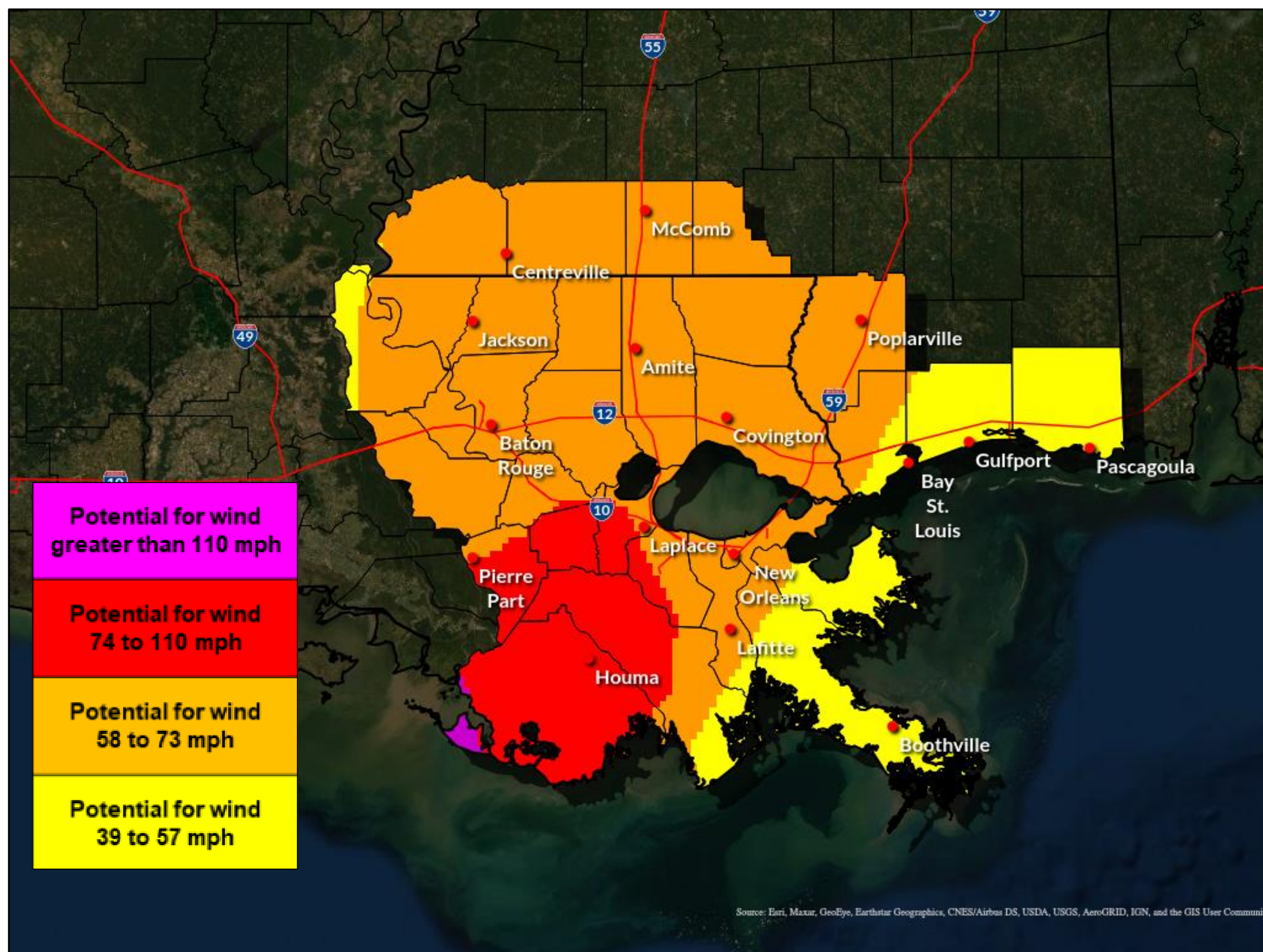


- No changes to wind headlines.
- A Hurricane Watch remains in effect for the areas outlined in **bright pink**. This is mainly to help with messaging for hurricane force gusts and to guard against any further shift to the east.



Wind Threat / Potential Impact

Hurricane Francine



- Areas generally along and west of the Pearl River should prepare for damaging winds
- Areas through the bayou parishes and some of the lower river parishes should prepare for hurricane force winds
- Possible impacts include:
 - Damage to trees, mobile homes and some roofs
 - Power outages especially near where Francine's center tracks



Storm Surge Warning

Hurricane Francine

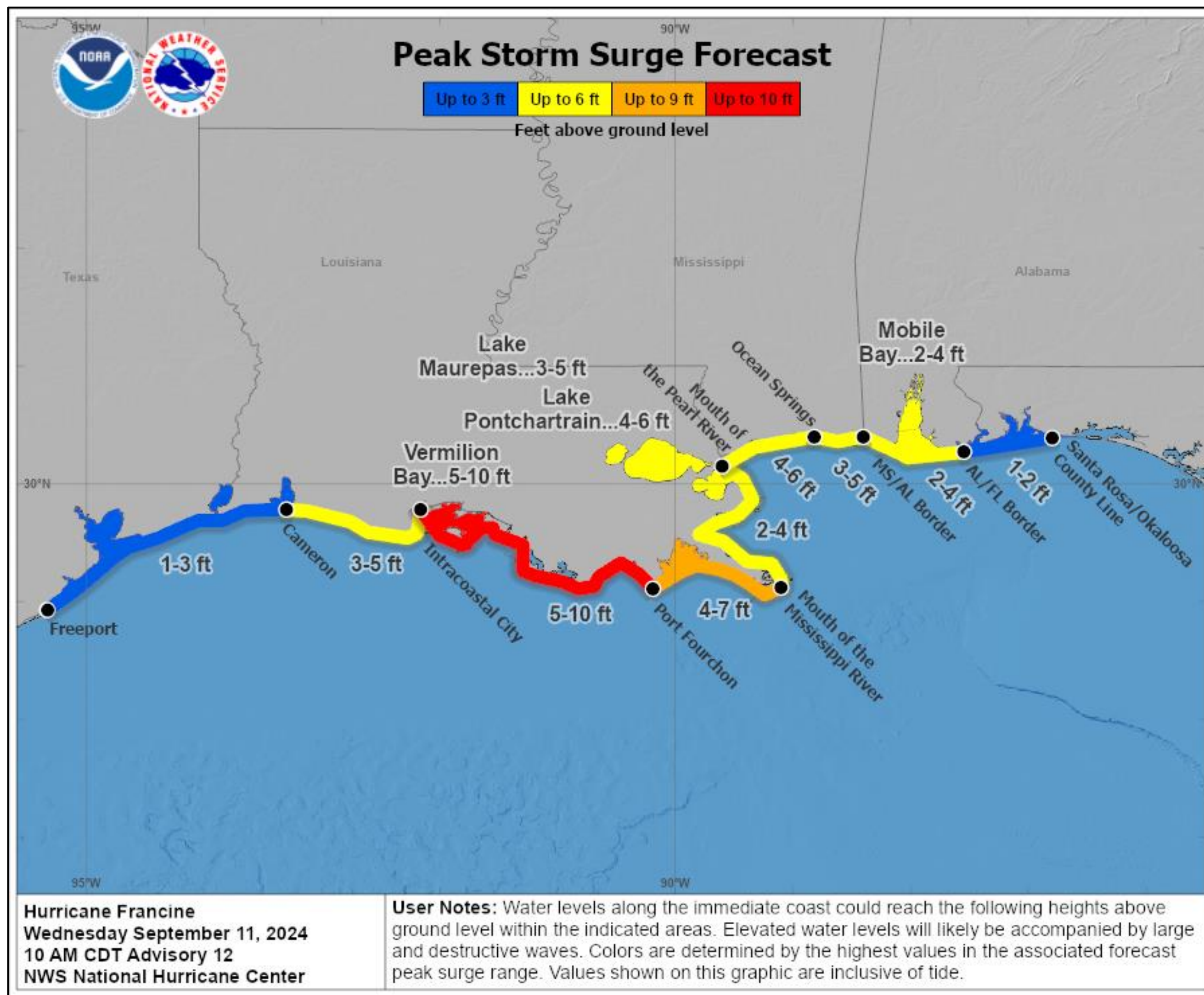


- Storm surge warning remains in effect for the entire coastline
- There is a danger of life-threatening storm surge inundation within 24 hours
- No threats to the federal levee systems, but some lower local levees may be overtopped.



Peak Storm Surge Forecast

Hurricane Francine

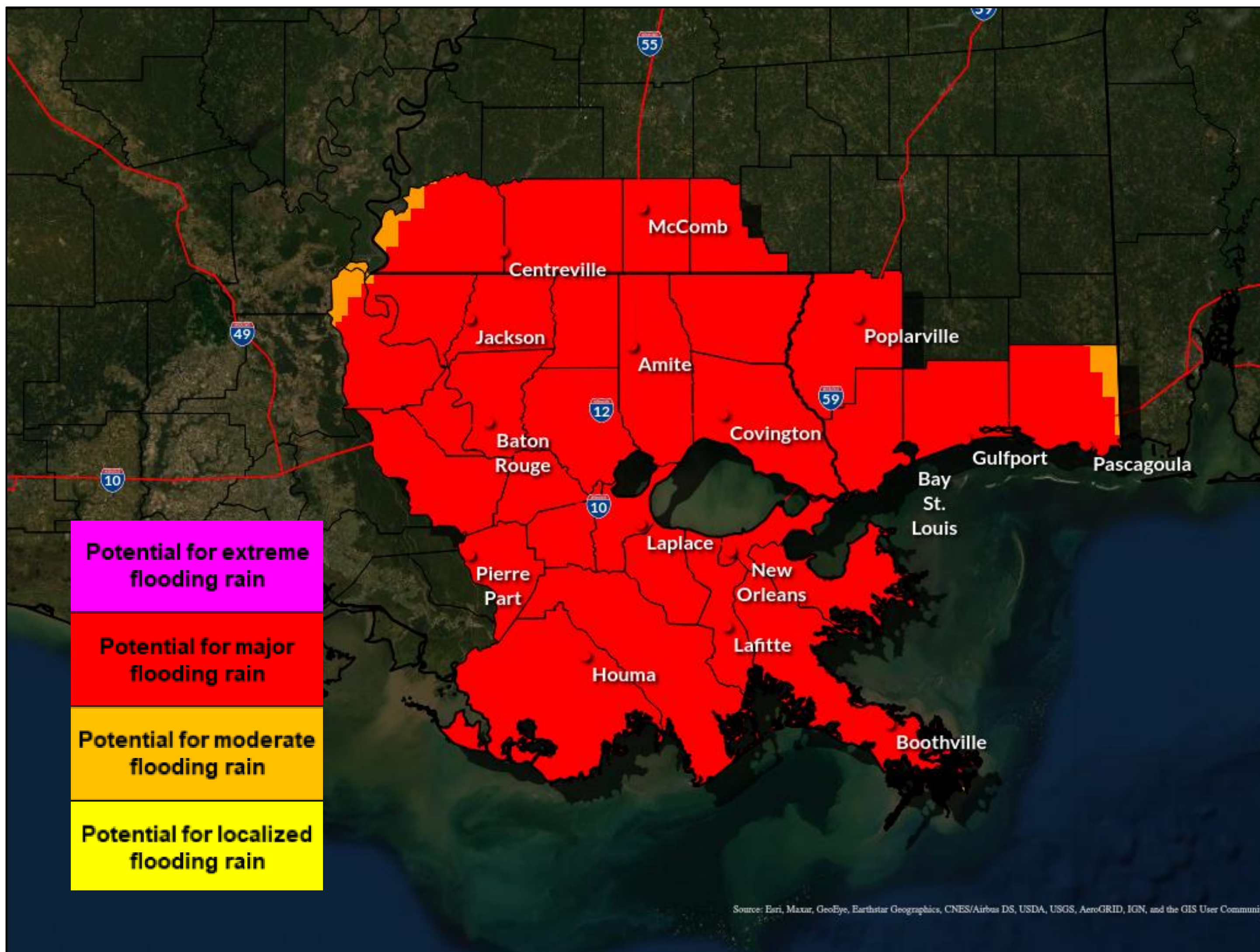


- The storm surge inundation could reach the following heights above ground level along the immediate coastal areas. This does NOT represent any impacts away from the immediate coast
- For potential water depths away from the coast, please reference the storm surge inundation map on NHC's website (it is delayed by about one hour from the forecast updates)
- Locations of greatest risk:
 - 5-10 ft: Intracoastal City to Port Fourchon
 - 4-7 ft: Port Fourchon to the MS River
 - 4-6 ft: Lake Pontchartrain & Pearl River to Ocean Springs
 - 3-5 ft: Lake Maurepas & Ocean Springs to MS/AL border
 - 2-4 ft: MS River to Pearl River



Inland Flooding Impacts

Hurricane Francine



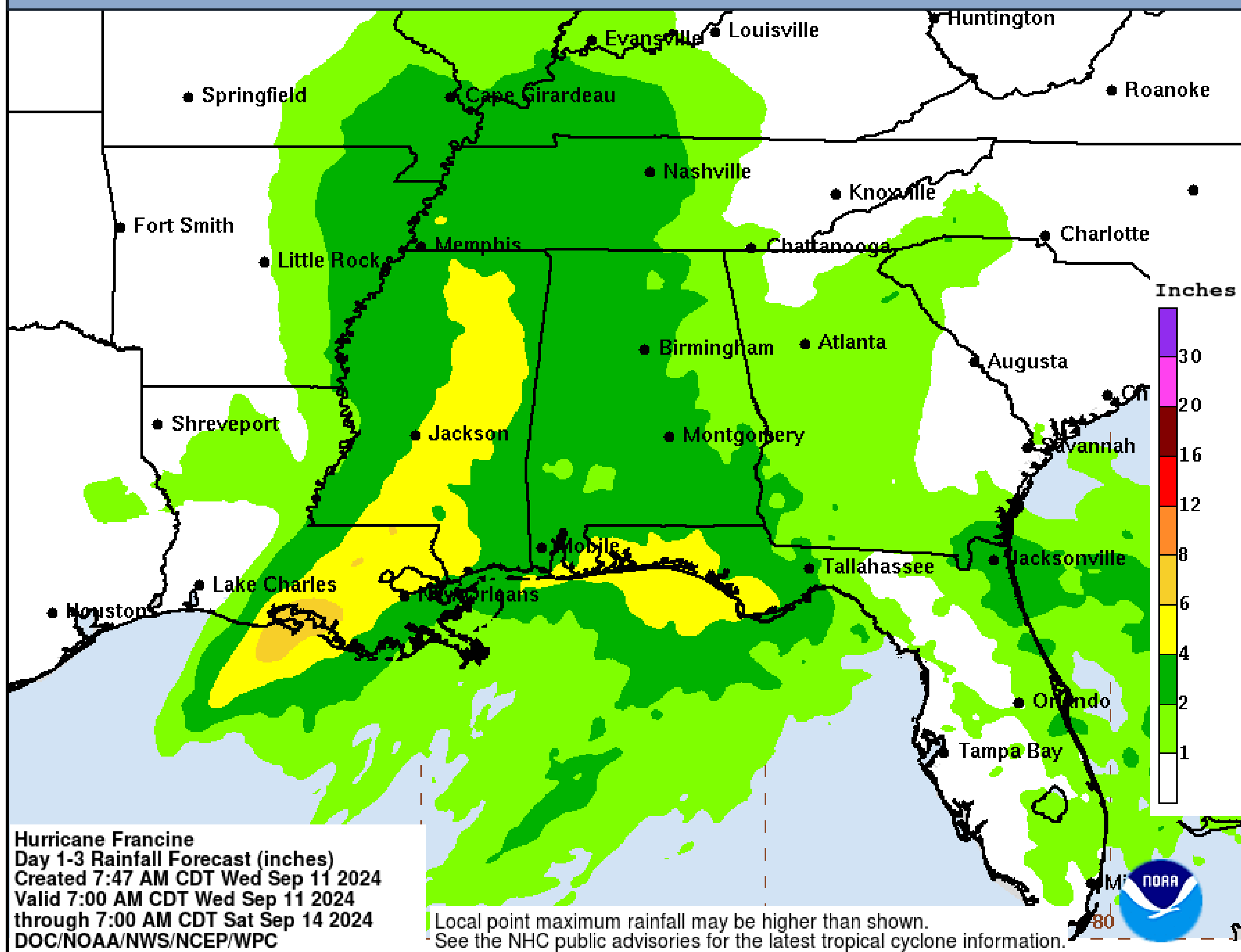
- A flood watch remains in effect for the entire area through 7am Thursday, with the heaviest rain expected today and tonight
- High rainfall rates and saturated soils could quickly result in flash flooding, especially in urban and poor drainage areas. Rises on area rivers are likely as the rain drains into them.
- Main impacts include:
 - Road closures due to flooding
 - Water evacuations may be necessary



Storm Total Rainfall Forecast

Hurricane Francine

Note: Locally higher amounts possible

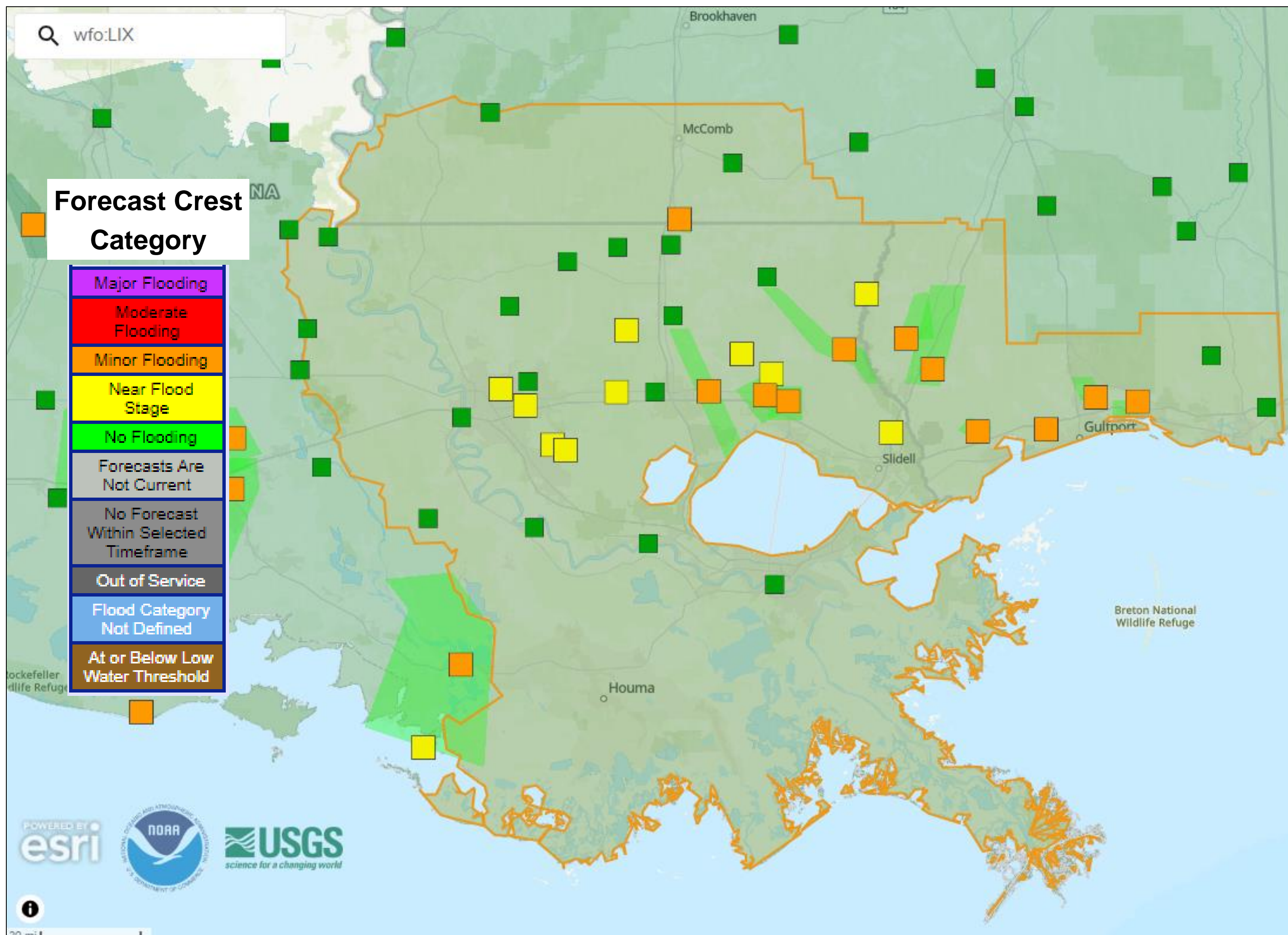


- The rainfall forecast remains fairly similar to the previous forecast
- Widespread totals of 4-8" are forecast with locally higher amounts possible. Some areas could see up to 12" of rain
- **Exact totals will depend on where the heavier bands set up**
- Locally, most rain will occur today and tonight



River Crest Forecasts

Hurricane Francine

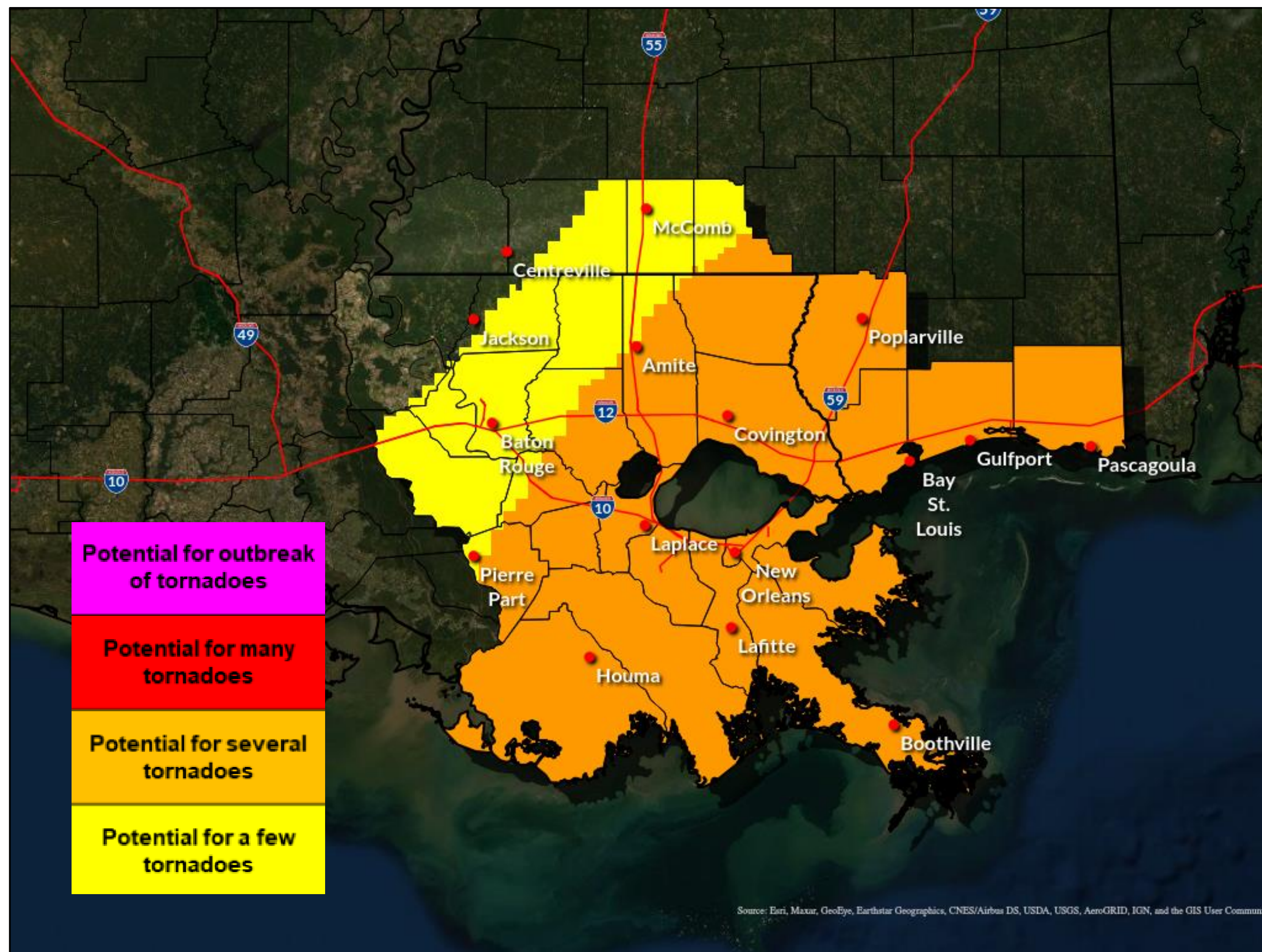


- Forecasts include 48 hours of future rainfall (through Thursday morning)
- Based on the current rainfall forecast, minor flooding is forecast along some area rivers from the Tangipahoa eastward through the MS Coast (orange squares)
- These forecasts are **LIKELY** to change depending on where the heaviest rain actually falls



Potential Tornado Impacts

Hurricane Francine



- Several tornadoes are expected in the outer-bands of Francine as it moves through the area
- Tornadoes are most likely to the east/right of Francine's center



Key Take-Aways

Hurricane Francine

We are **VERY CONFIDENT** this storm will bring significant to life-threatening impacts to portions of southeastern Louisiana and southern Mississippi



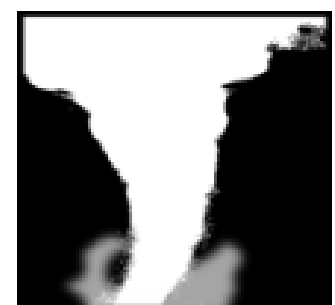
Expect scattered to possibly widespread damage to trees, powerlines & some structures, with the most concentrated damage where Francine's center tracks. Most of the area could experience damaging winds, especially in gusts. Sustained hurricane force winds will be limited to areas near Francine's center, but could extend inland to just southwest of Lakes Pontchartrain/Maurepas from where it makes landfall.



Life-threatening coastal flooding is expected, especially this afternoon through Thursday morning. Some areas could be cut off and some lower local levees could be overtopped.



Major impacts from flooding rain will be possible, mainly where any rain bands result in prolonged periods of heavy rain. The heaviest rain is expected Wednesday and Wednesday night. Ponding of water in low lying areas, flash flooding, and rises on area rivers will be possible. Based on the current forecast, minor flooding is forecast along some area rivers from the north shore through the Mississippi Coast.




Several tornadoes are expected with the outer-bands of Francine, mainly today through tonight.





Dangerous and life-threatening marine conditions likely across the coastal waters, especially west of the Mississippi River





Contact Info:


 **Web:** <http://weather.gov/neworleans>

 **Phone:** (985) 649-0429 x4

 **E-mail:** sr-lix.forecasters@noaa.gov

 **Facebook:** NWSNewOrleans

 **Twitter:** NWSNewOrleans

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For the latest graphics and information go to: www.hurricanes.gov or weather.gov/lix/tropical