



TROPICAL STORM FRANCINE BRIEFING

9:00 AM CT

Tuesday, September 10, 2024



Situation Overview

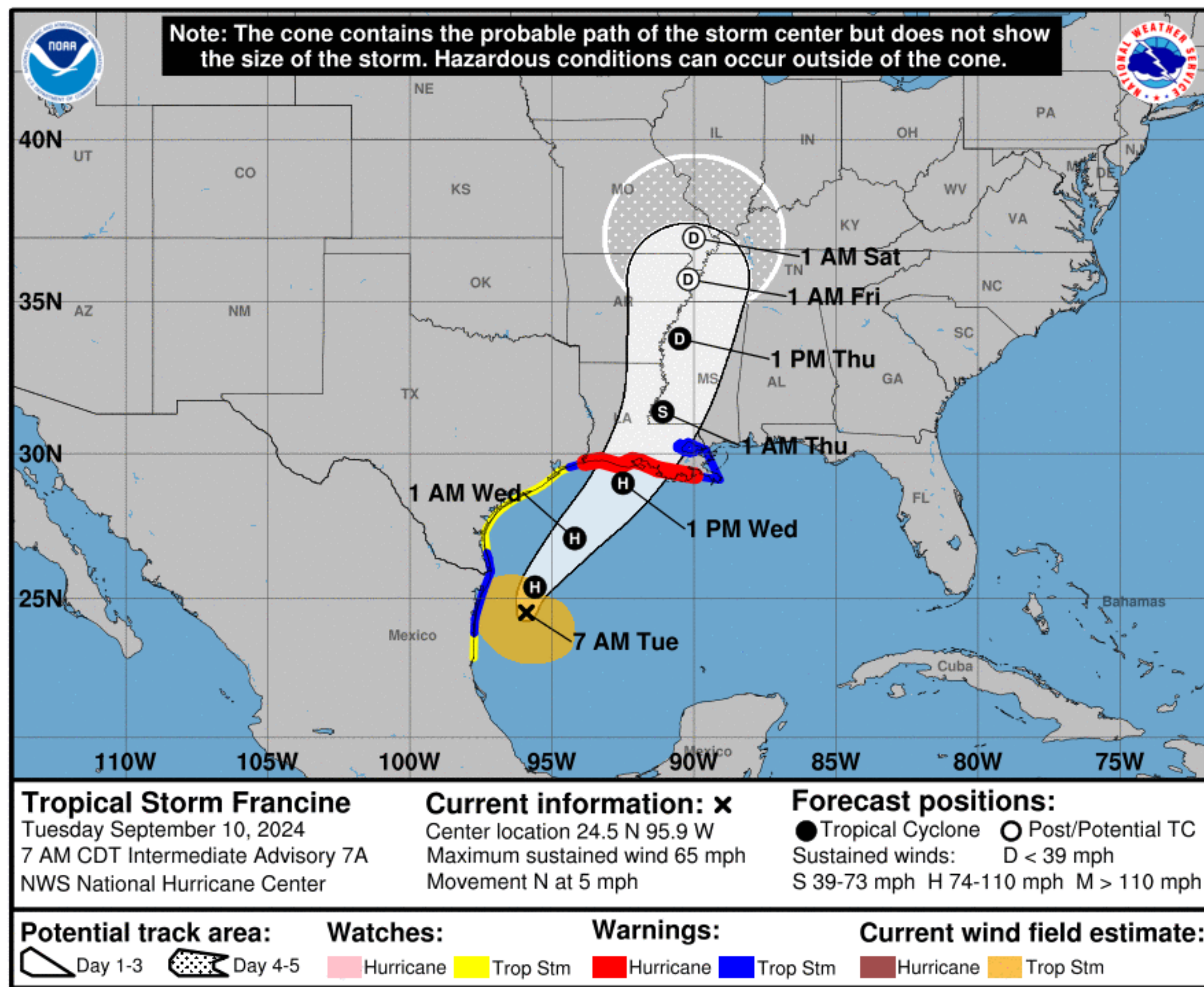
Tropical Storm Francine

- There is high confidence that this storm will bring significant to life-threatening impacts to portions of Louisiana and our confidence is increasing in the areas that will see the greatest impacts
- TS Francine is expected to bring threats of heavy rain, life-threatening storm surge, damaging winds, and tornadoes beginning as early as late tonight through Thursday morning with the greatest impacts expected Wednesday and Wednesday night.
- **Keep in mind that small changes in storm track could still result in large changes to expected impacts to specific areas.**



Situation Overview

Tropical Storm Francine



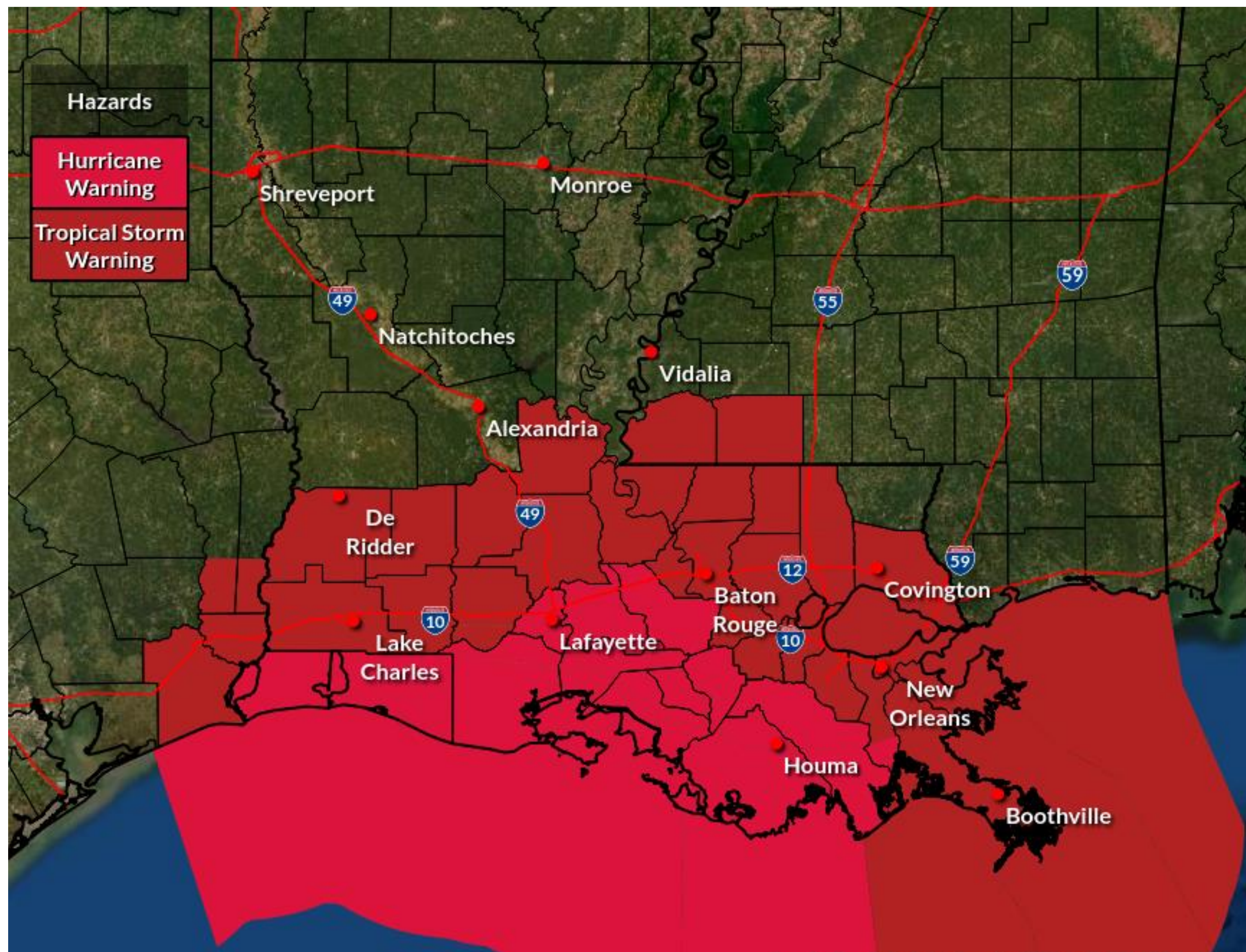
- Tropical Storm Francine continues to churn over the southwestern Gulf but has not strengthened anymore at this time
- It is forecast to move slowly northwestward then turn more to the northeast tomorrow
- Francine is still forecast to become a hurricane later today and strengthen to a category 2 hurricane around the time of landfall along the Louisiana coast

NOTE: Do not focus on the exact track.
 Impacts can occur well outside the area enclosed by the cone.



Hurricane and Tropical Storm Watches

Tropical Storm Francine

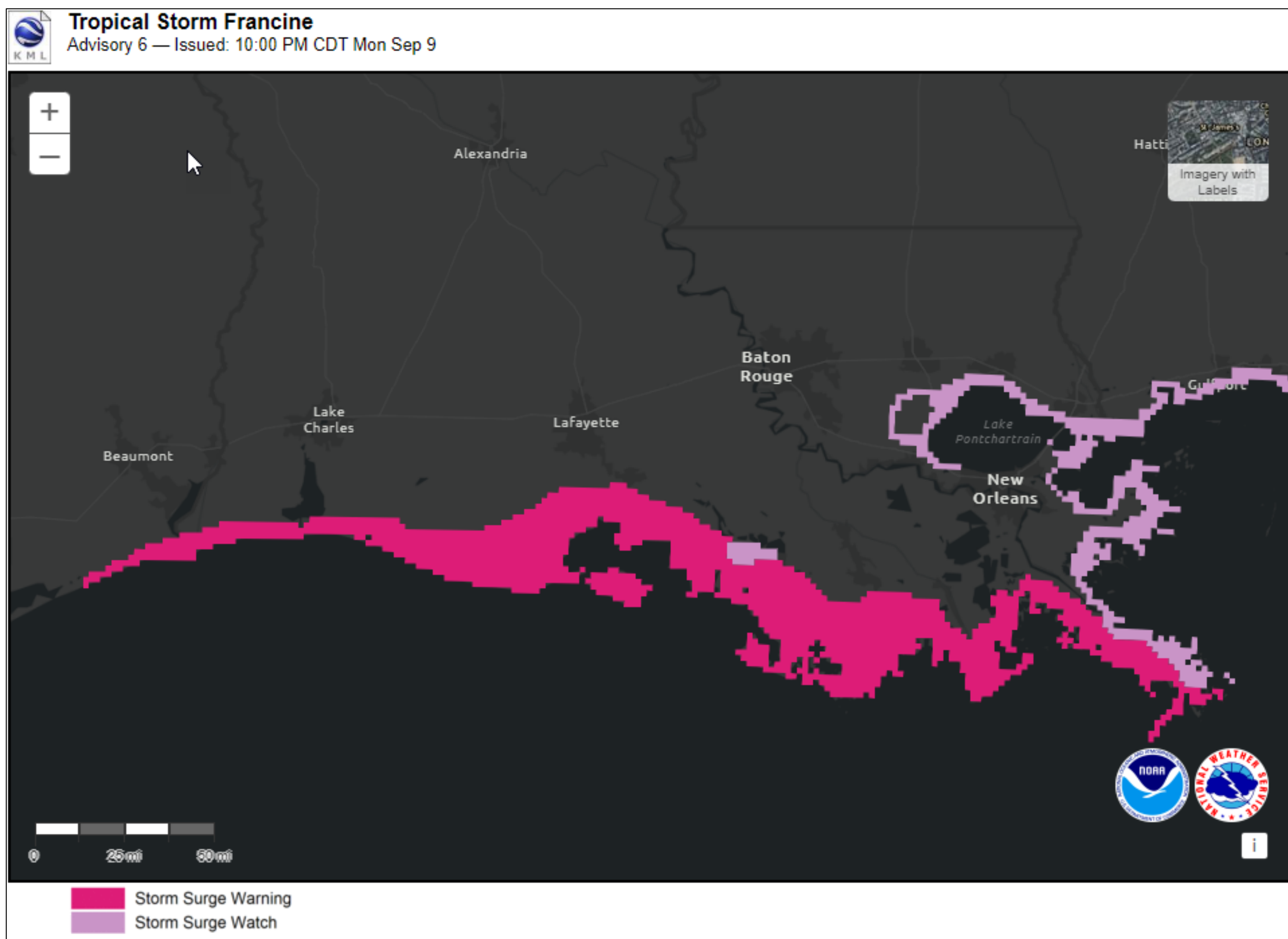


- Hurricane Warning extended east from Morgan City to Grand Isle
- Tropical Storm Warning now from Grand Isle to the mouth of the Pearl River.
- These warnings mean that tropical storm/hurricane conditions are expected in the warned area within the next 36 hours



Storm Surge Watch/Warning

Tropical Storm Francine

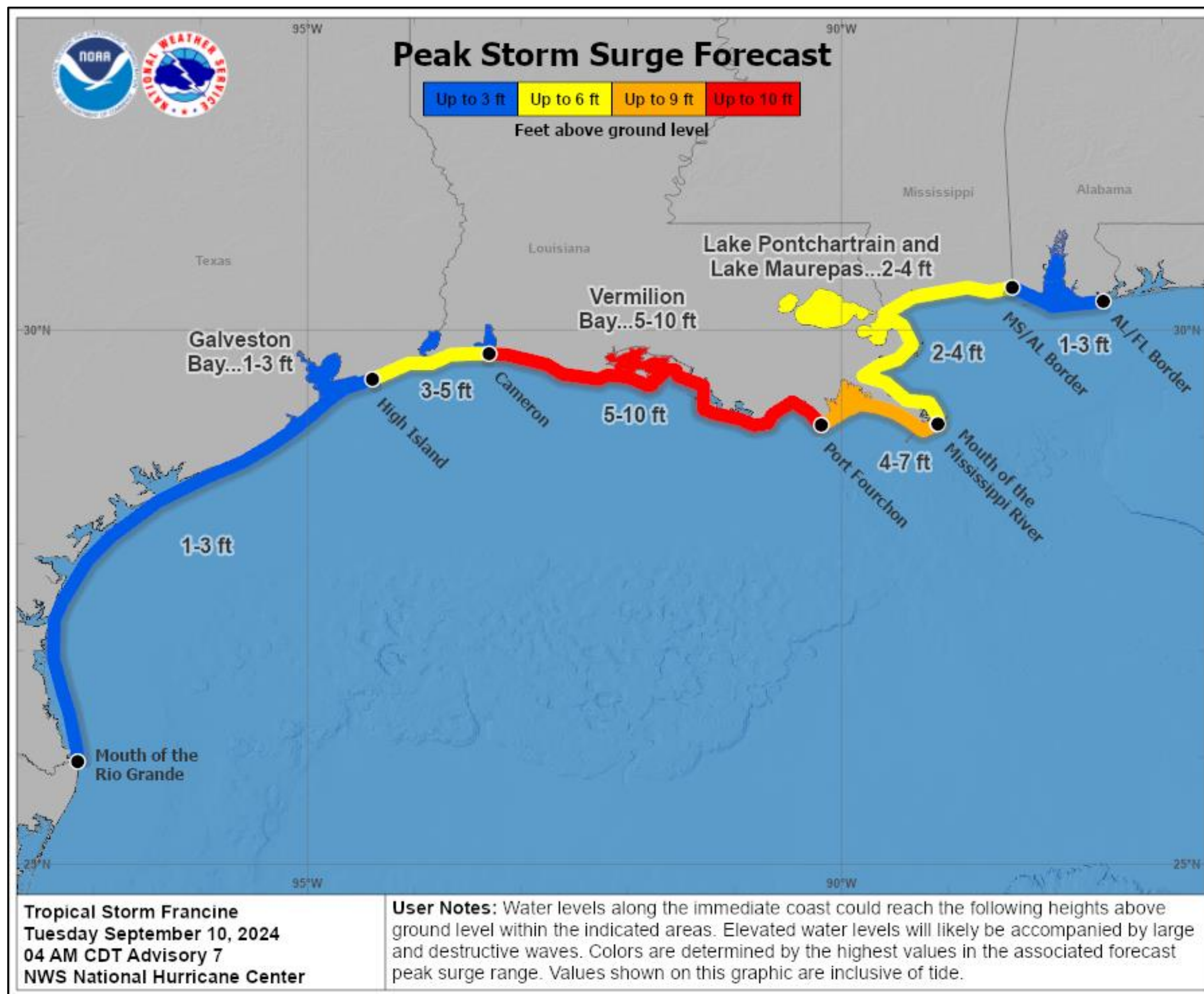


- A storm surge warning remains in effect from watch has been issued for all coastal areas of Louisiana
- Storm surge is not a threat to the federal levee systems, but some of the shorter local levees may be overtopped



Peak Storm Surge Forecast

Tropical Storm Francine



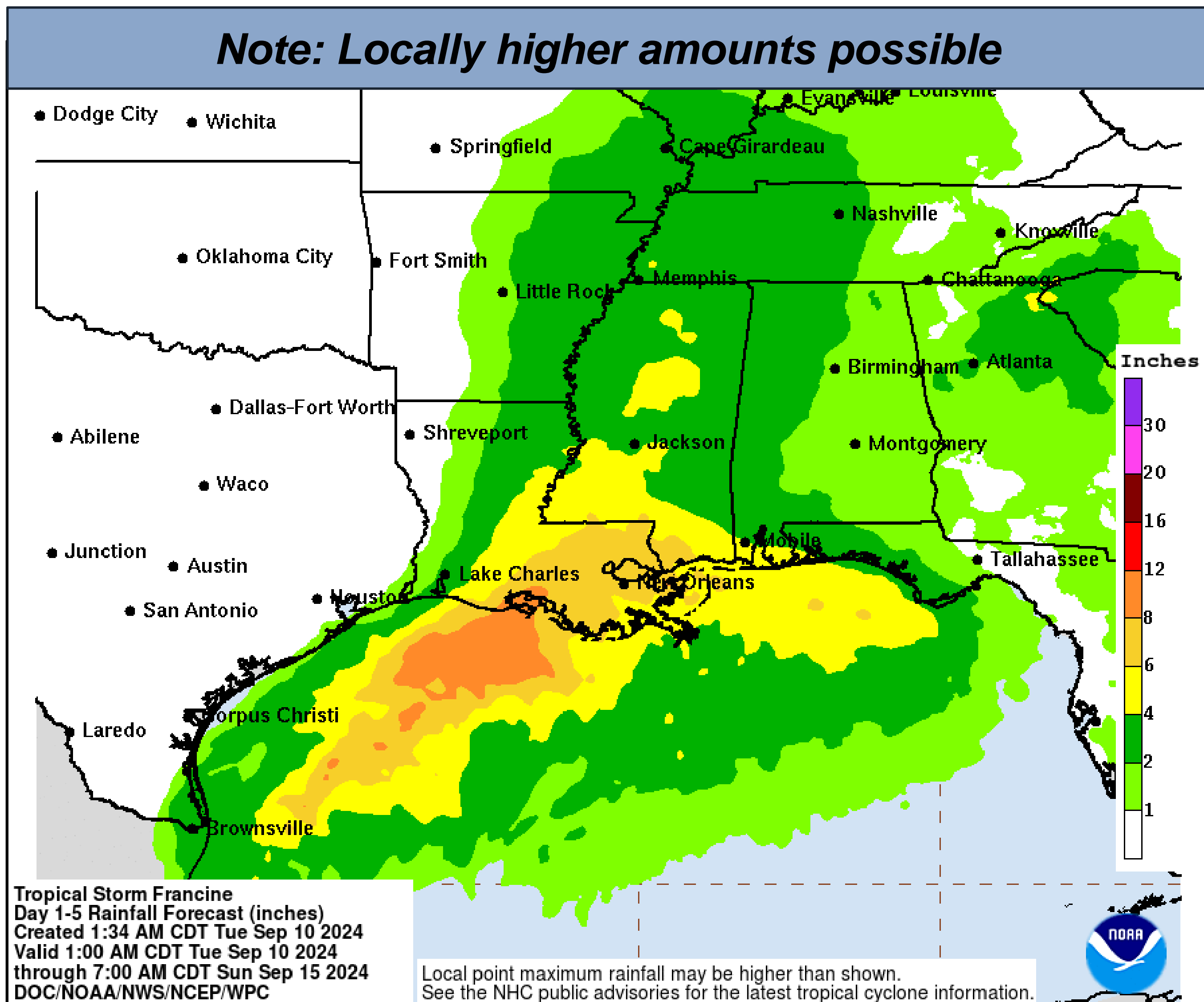
- The storm surge inundation could reach the following heights above ground level along the immediate coastal areas
- Does NOT represent any impacts away from the immediate coast
- Locations of greatest risk:
 - 5-10 ft: Cameron to Port Fourchon
 - 4-7 ft: Port Fourchon to the MS River
 - 2-4 ft: MS River to Pearl River and Lakes Borgne, Pontchartrain and Maurepas



Storm Total Rainfall Forecast

Tropical Storm Francine

Note: Locally higher amounts possible

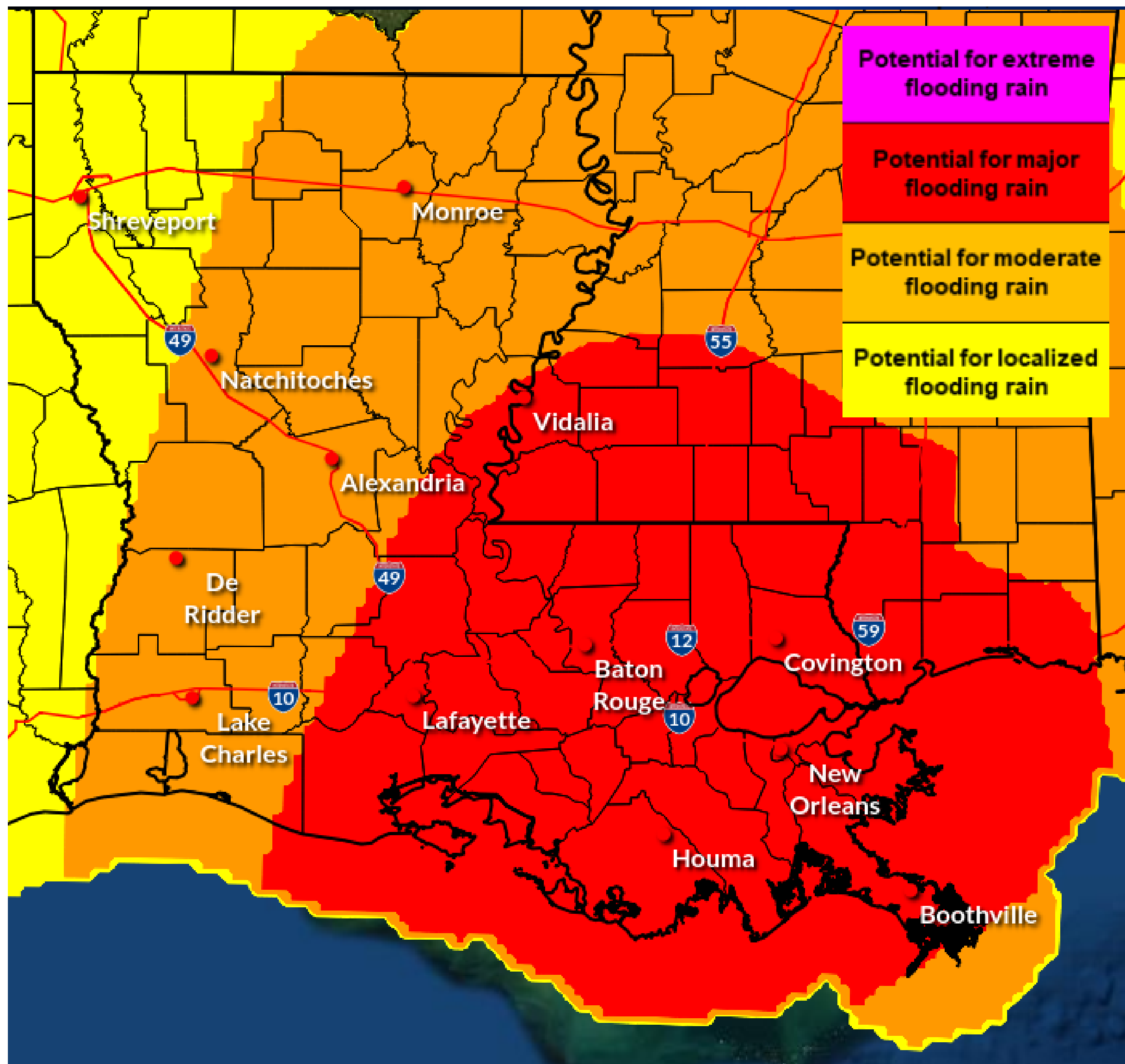


- Rainfall forecast through 7am Saturday
- In southern parts of the state, most rain will occur between Wednesday morning and midday Thursday
- **Exact totals will depend on storm track and whether any banding features set up across the local area**
- Heavy rain could result in flash flooding, ponding in low lying areas and rises on area rivers



Inland Flooding Impacts

Tropical Storm Francine

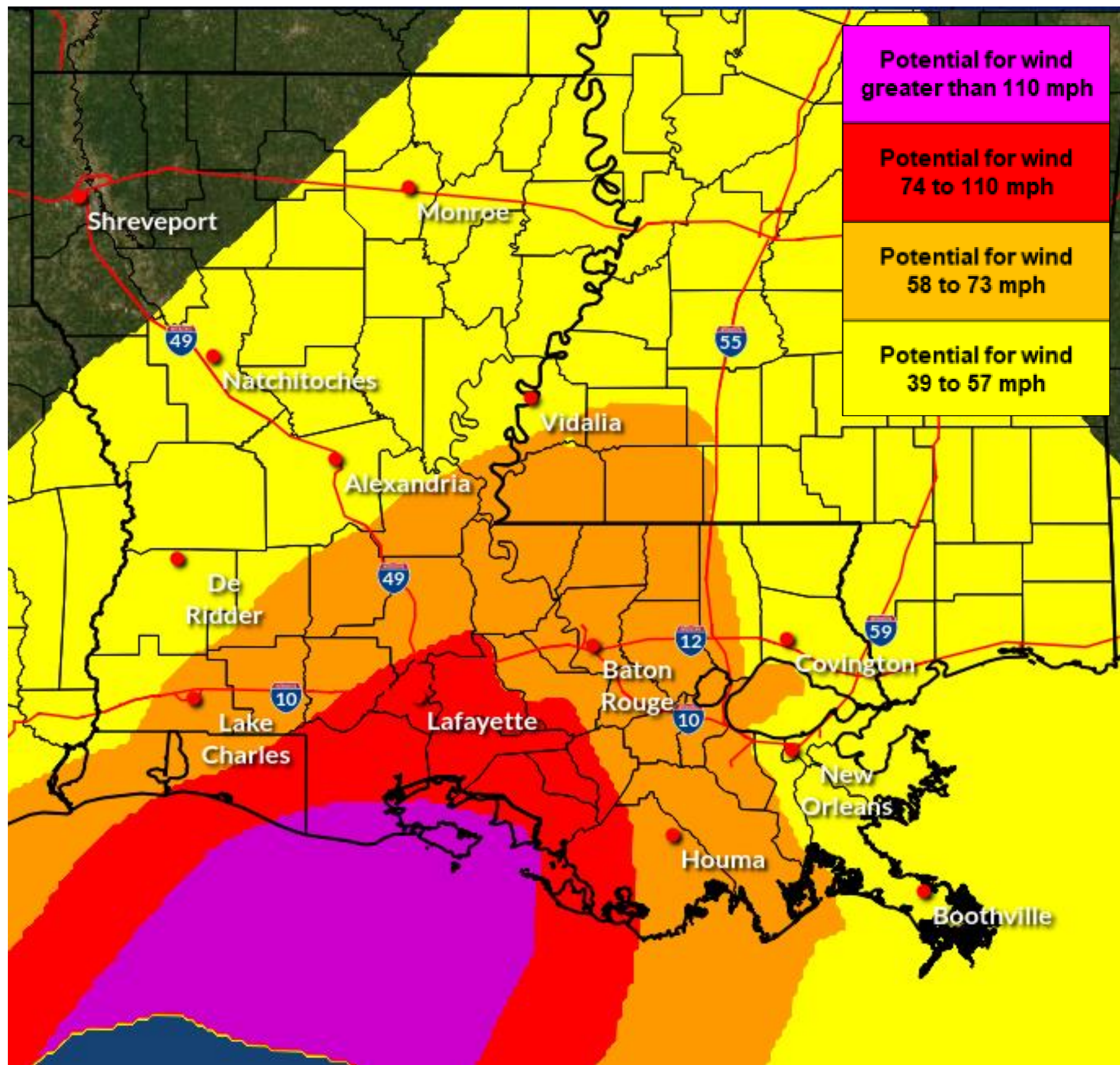


- The greatest threat will be generally late Tuesday night through Wednesday night
- High rainfall rates and saturated soils could quickly result in flash flooding, especially in urban and poor drainage areas
- Depending on where the heaviest rain falls, additional flooding may also occur as the heavy rain drains into area rivers. River forecasts do NOT yet include the heavy rainfall from this storm.



Wind Threat / Potential Impact

Tropical Storm Francine

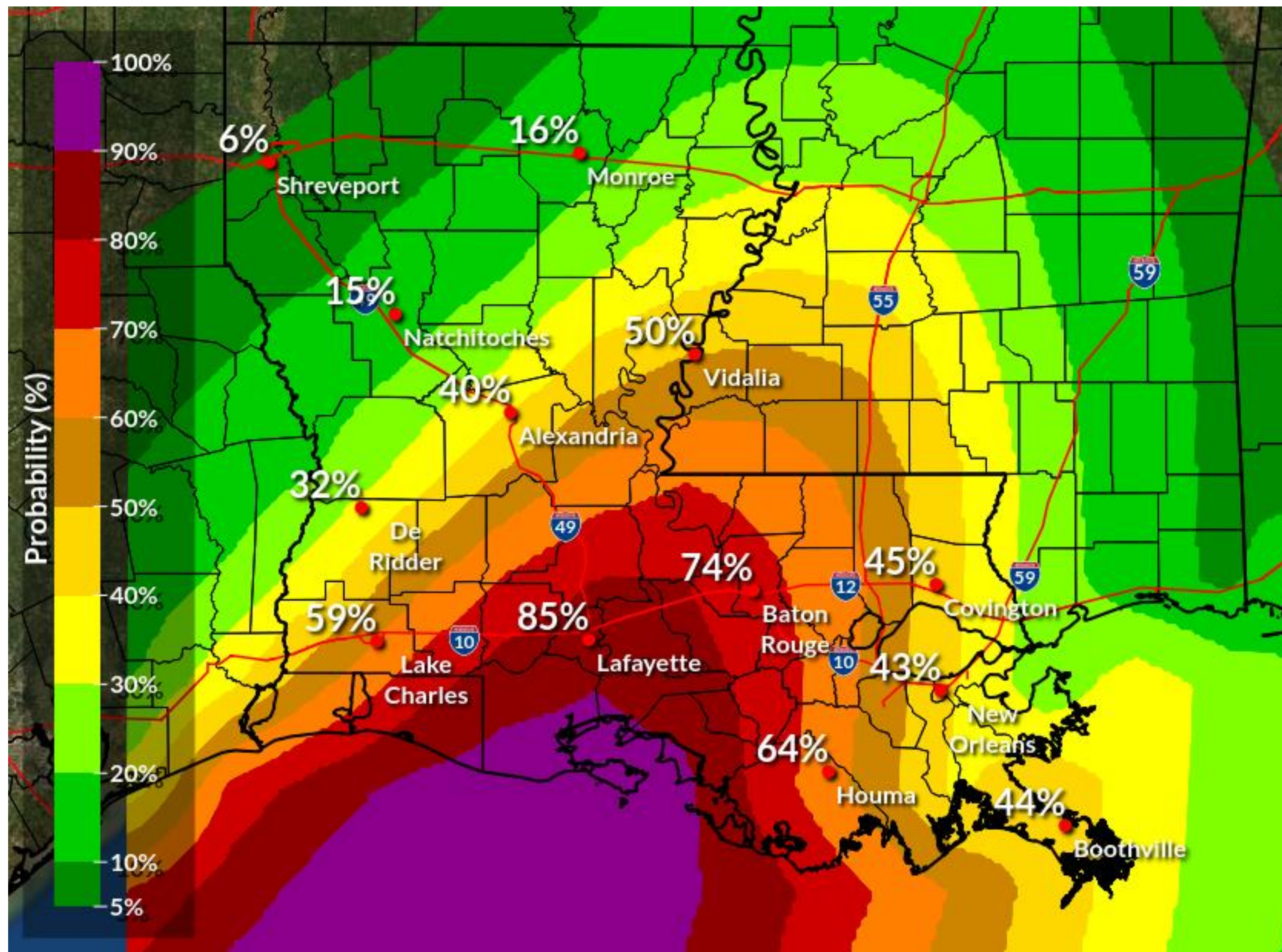


- Coastal areas from near the TX border to near Atchafalaya Bay (red shading) should prepare for hurricane force winds
- Much of southern Louisiana (orange shading) should prepare for damaging winds
- Impacts will include scattered to numerous power outages and isolated damage to trees and structures, with potential for more significant structural damage where Francine's eyewall tracks



Tropical Storm Wind Speed Probabilities

Tropical Storm Francine

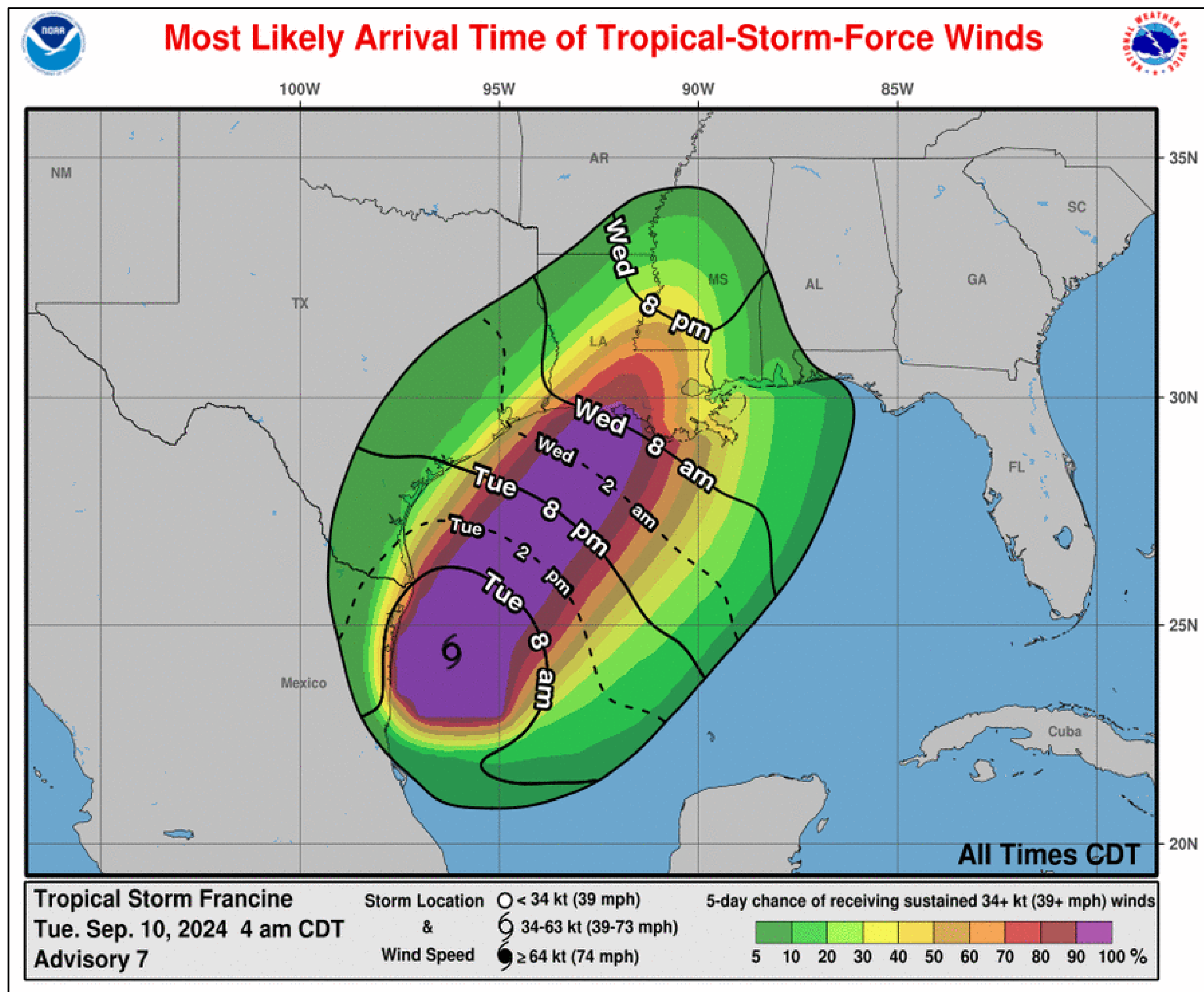


- There is at least a 50% chance of sustained tropical storm force winds at most points in southern Louisiana (brown to red shading)
- Tropical storm force winds are most likely to begin Wednesday morning at the coast, spreading inland through the day



Most Likely Time of Arrival

Tropical Storm Francine

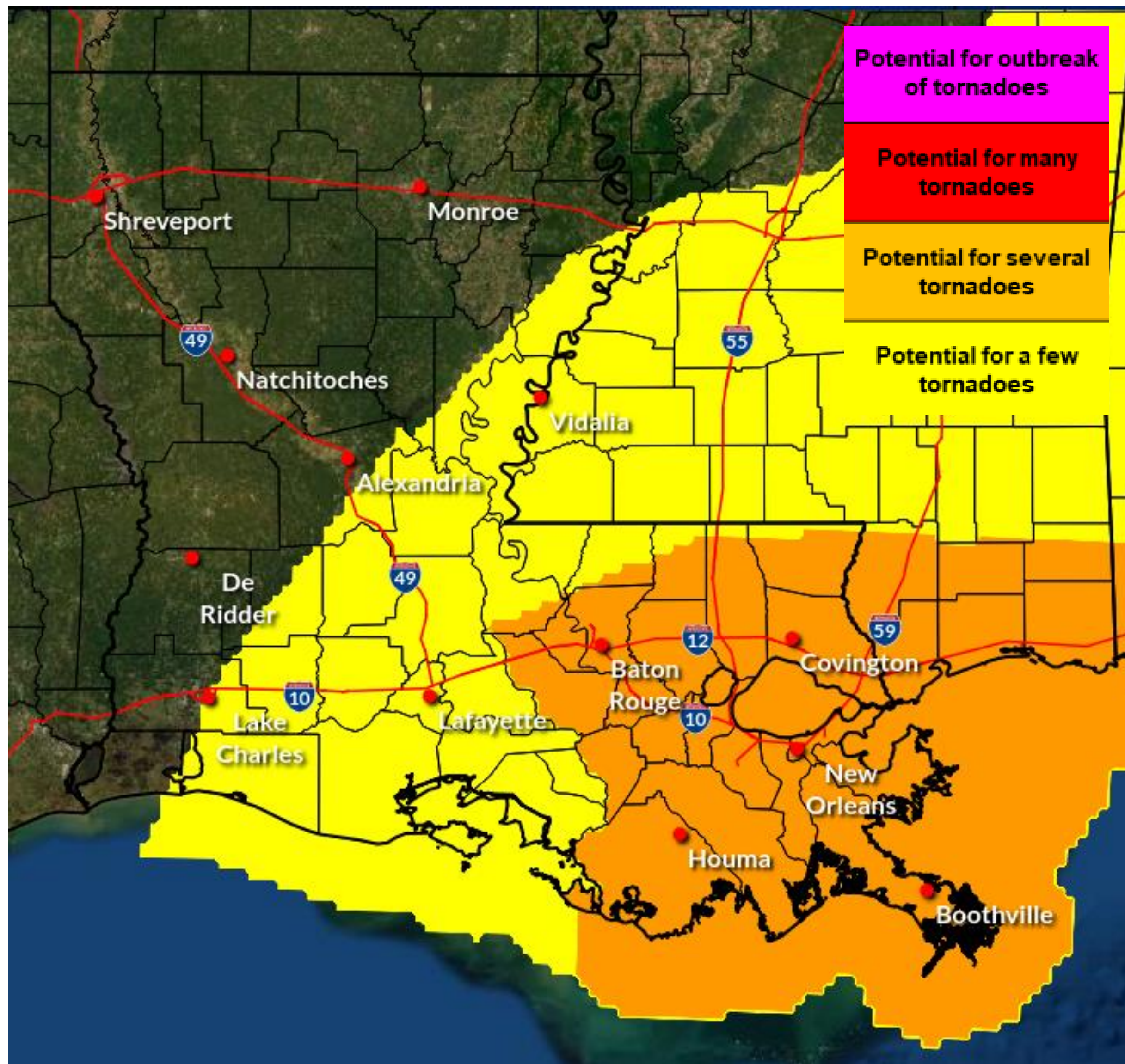


- The most likely time of arrival of Tropical Storm Force Winds at the coast will be Wednesday morning, spreading inland throughout the day
- However, if the storm speeds up, winds could arrive at the coast as early as overnight Tuesday night



Potential Tornado Impacts

Tropical Storm Francine



- A few weak and short-lived tornadoes will be possible in any rain bands as Francine makes landfall and moves inland Wednesday into Thursday night
- Tornadoes are most likely in areas to the right/east of where Francine makes landfall



Key Take-Aways

Tropical Storm Francine

Confidence is increasing that Francine will bring significant to life-threatening impacts to portions of southern Louisiana



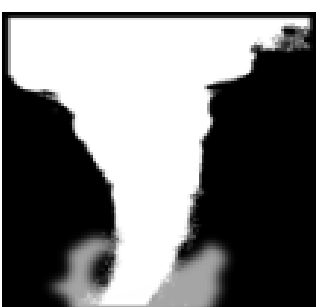
Hurricane force winds should mainly be limited to coastal areas near where Francine makes landfall, but damaging winds will be possible farther inland. Expect scattered damage to trees, powerlines & some structures, with more concentrated damage where Francine's center tracks.



Major/life-threatening coastal flooding will be possible from high tide Wednesday through Thursday morning. Some areas could be cut off and some local levees could be overtopped.



Widespread rainfall totals of 4-8" are forecast across the southern part of the state, with much of that rain falling between Wednesday morning and midday Thursday. Ponding of water in low lying areas, flash flooding, and rises on area rivers will be possible.




A few tornadoes may be possible, mainly on Wednesday and mainly east of where Francine's center tracks



Dangerous marine conditions likely across the coastal waters, especially west of the Mississippi River closer to the forecast track of the storm.





Contact Info:


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

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

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

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 **Twitter:** NWSNewOrleans

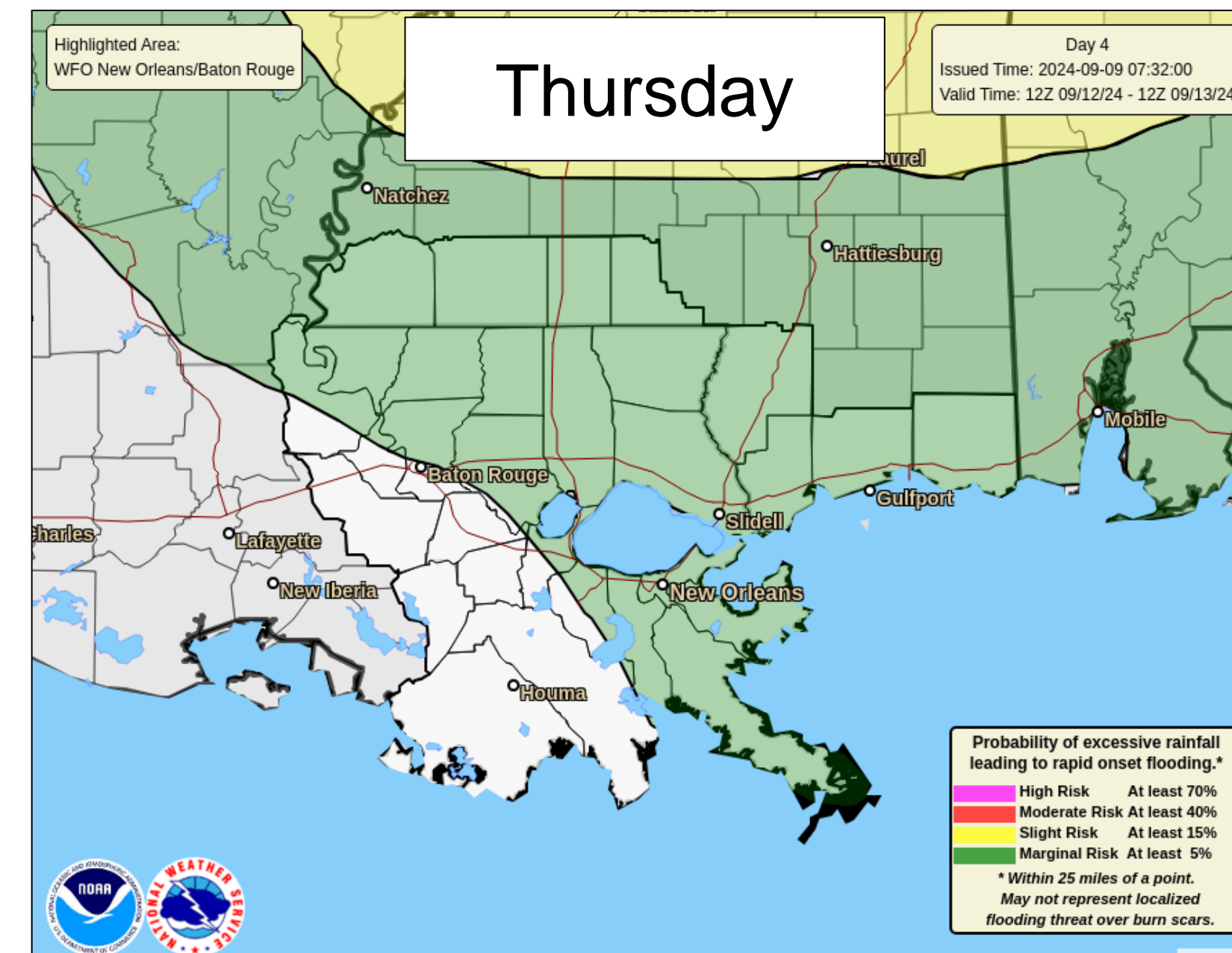
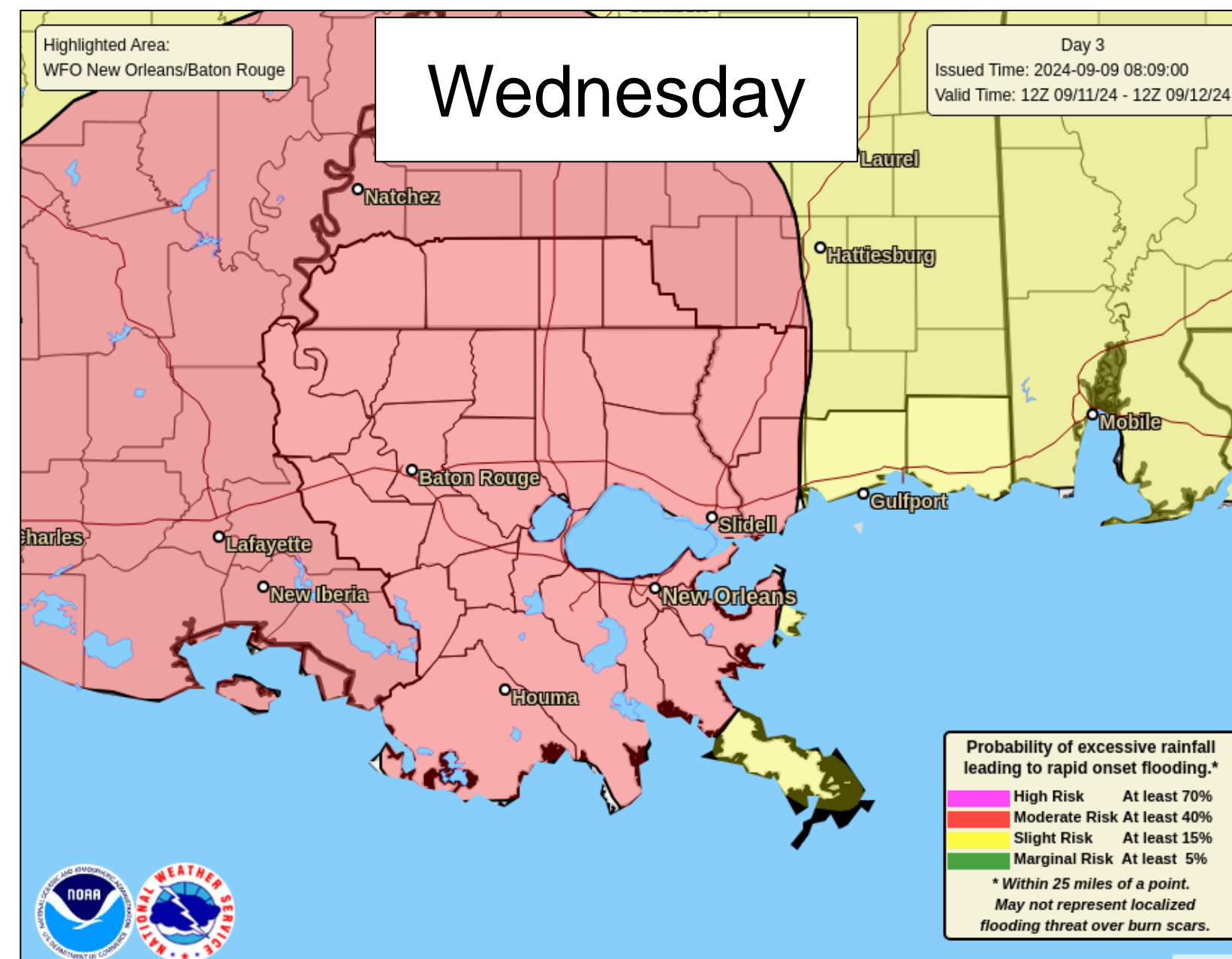
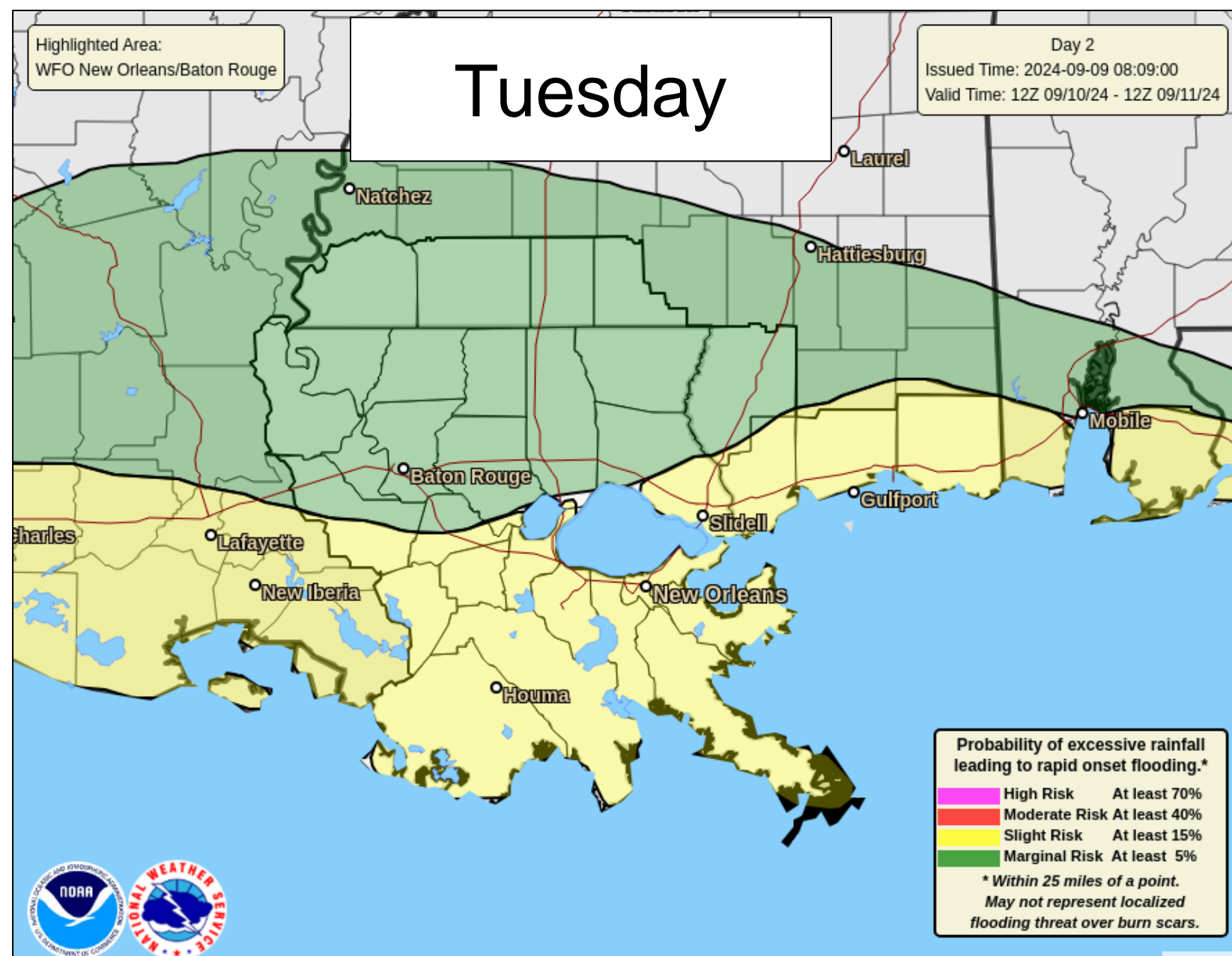
 **YouTube:** NWSNewOrleans

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



Excessive Rainfall Outlooks

Tropical Storm Francine



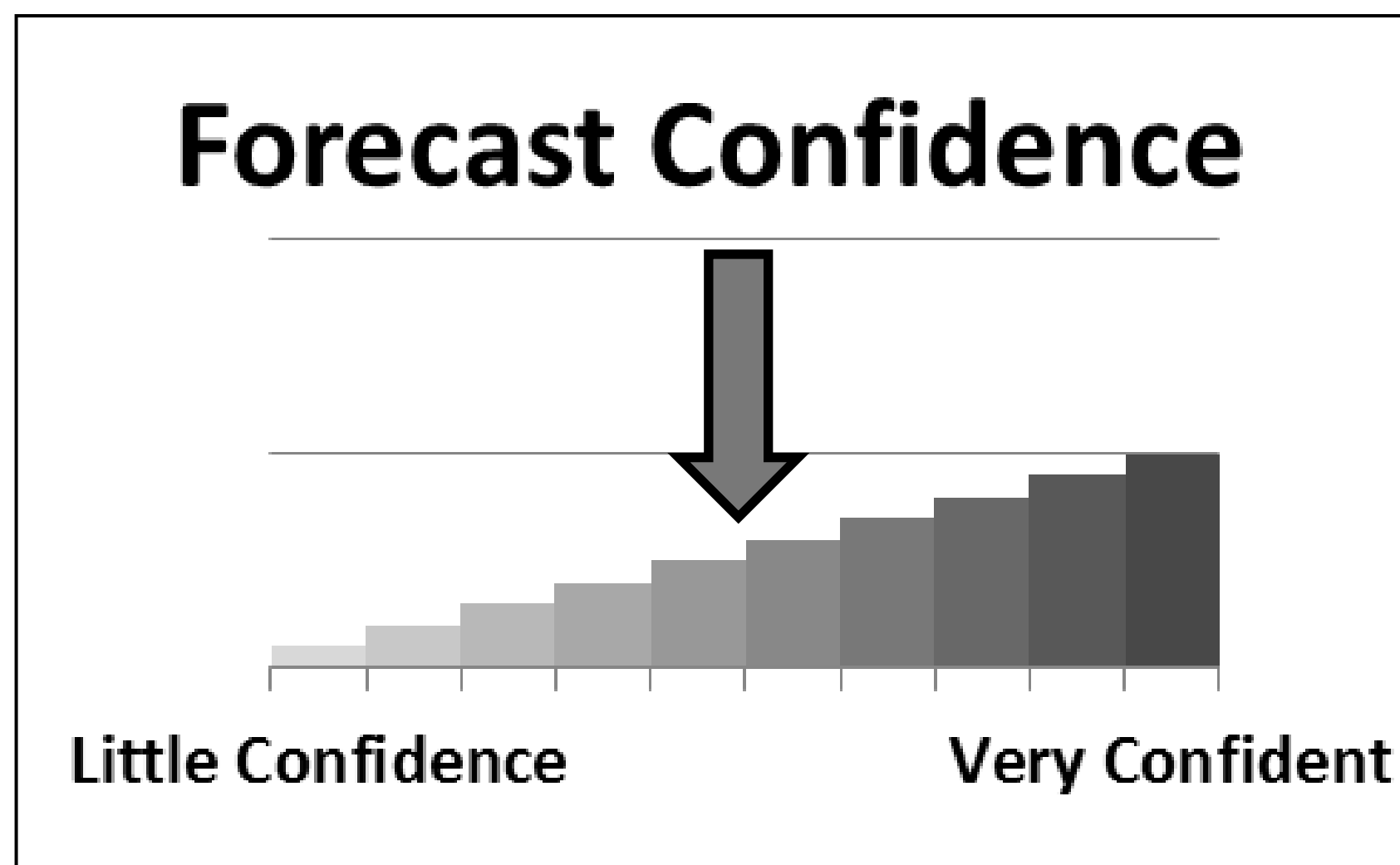
- Portions of the area remain outlooked for excessive rainfall/flash flooding Tuesday through Thursday with the greatest threat on Wednesday through Thursday morning.
- There is now a Moderate Risk (Level 3 of 4) for all of the outlook area except Harrison and Jackson Counties on coastal MS Wednesday and Wednesday night.
- Due to recent heavy rains, soils are already saturated in some areas, and heavy rain will quickly turn to runoff.



Key Take-Aways

Tropical Storm Francine

- If you use this slide, keep it consistent with your Situation Overview slide
- Do not summarize everything that will be in your briefing, just what is most important for your audience to know
- Your partners can use this slide to guide their talking points in media interviews, etc if it is kept to 3-4 main points



<Insert any discussion on confidence here>
ie – We have high confidence in the track, but lower confidence in the intensity and rainfall amounts.