



July 22, 2026

National Weather Service - New Orleans/Baton Rouge

Tropical Storm Bertha

Louisiana Statewide Update

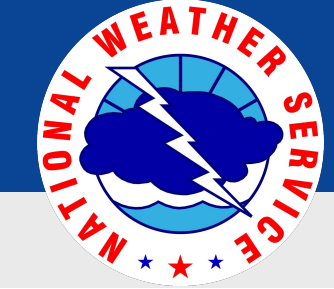
10:30 AM

Wednesday, July 22, 2026

Key Messages:

- Tropical Storm Bertha will bring minor to moderate storm surge flooding, and tropical storm winds (mainly in gusts) to coastal portions of SE LA today through Thu morning. There is potential for a few storms to also produce locally heavy rainfall leading to isolated flooding.
- Mainly minor impacts will be possible across coastal SW LA Thursday
- Heat will be a big concern today, with a lower threat continuing into Thursday

Disclaimer: The information contained within is time-sensitive. Do not use after: 4pm CDT Tuesday (7/21/26)

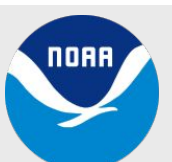


Situation Overview - Louisiana

July 22, 2026
10:30 AM CDT

Tropical Storm Bertha

- Bertha will bring minor to moderate impacts to coastal Louisiana today through Thursday
 - Minor to moderate storm surge flooding, with some low lying coastal roads becoming impassable - greatest impacts east of the MS River
 - Tropical storm winds (mainly gusts) could down a few tree limbs and/or lead to isolated power outages - greatest threat along the immediate coast
 - High rainfall rates in any storms that do affect land areas could lead to localized flooding
- Despite the landfalling tropical storm, heat is a significant concern today, with little in the way of cloud cover or rain on the north side of the storm, heat index values will climb to 110 degrees or higher across most of the state, possibly reaching as high as 118 degrees.
- While a low confidence forecast, there is some potential for re-development over the northwestern Gulf, and this could lead to mainly minor impacts across coastal southwestern Louisiana





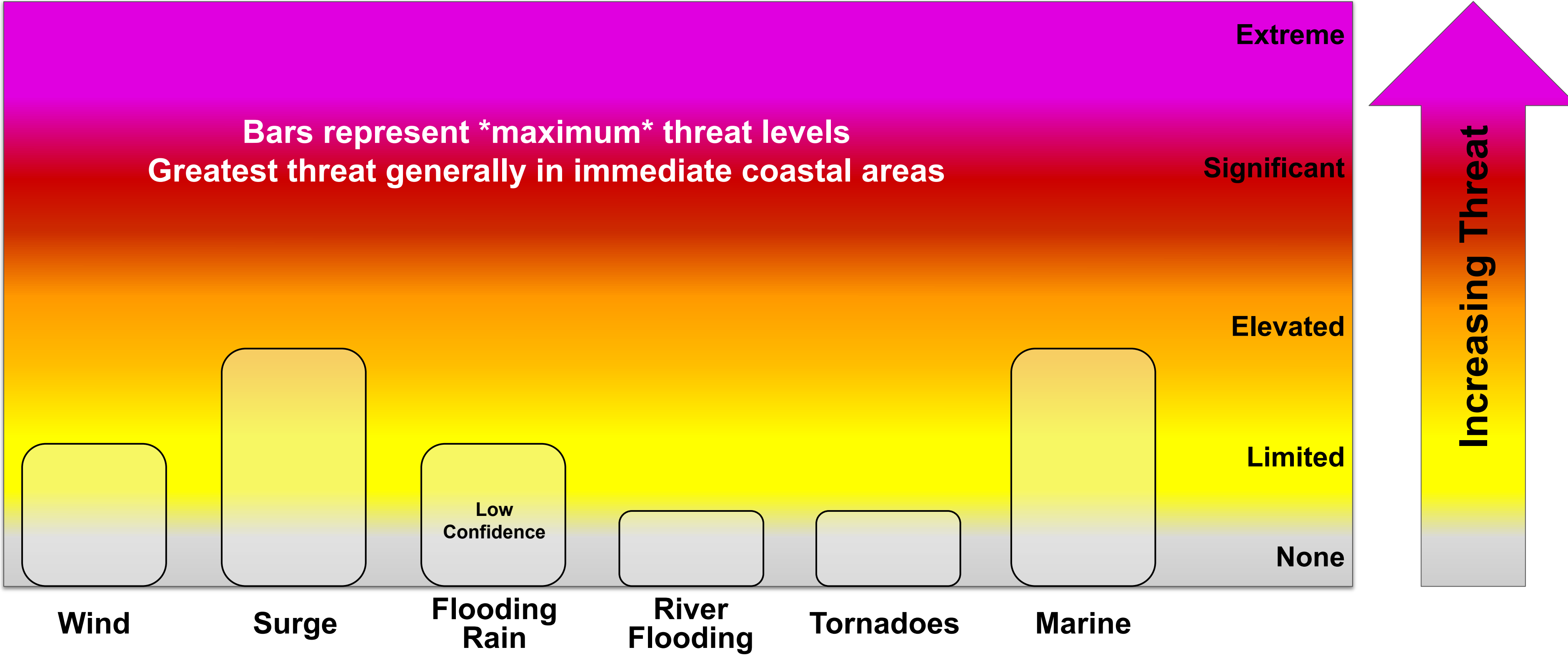
Threat Levels

July 22, 2026
10:30 AM CDT

Tropical Storm Bertha

For information on specific hazards in this area, please go to: <https://www.weather.gov/srh/tropical?office=tae>

Bars represent ***maximum*** threat levels
Greatest threat generally in immediate coastal areas

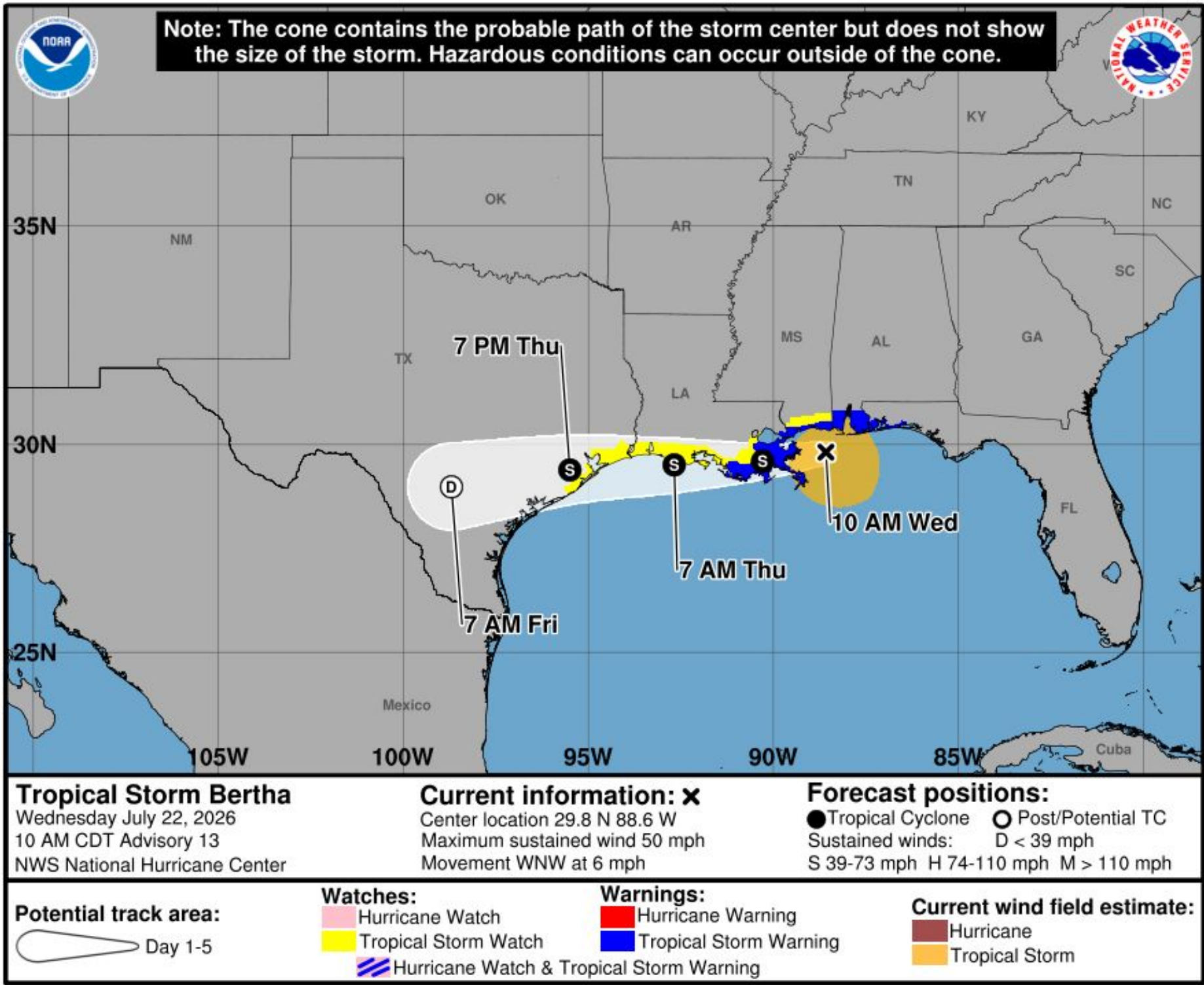




Situation Overview

July 22, 2026
10:30 AM CDT

Tropical Storm Bertha



- The center of Tropical Storm Bertha, is currently wobbling northward, but the longer term motion continues to be west-northwestward. Maximum sustained winds remain near 50 mph.
- It is forecast to make landfall this afternoon, with the center located near the mouth of the Atchafalaya River by around midnight tonight.
- Strong shear will remain in place and this will likely continue to slowly weaken Bertha as it moves westward.

NOTE: Do not focus on the exact track.

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

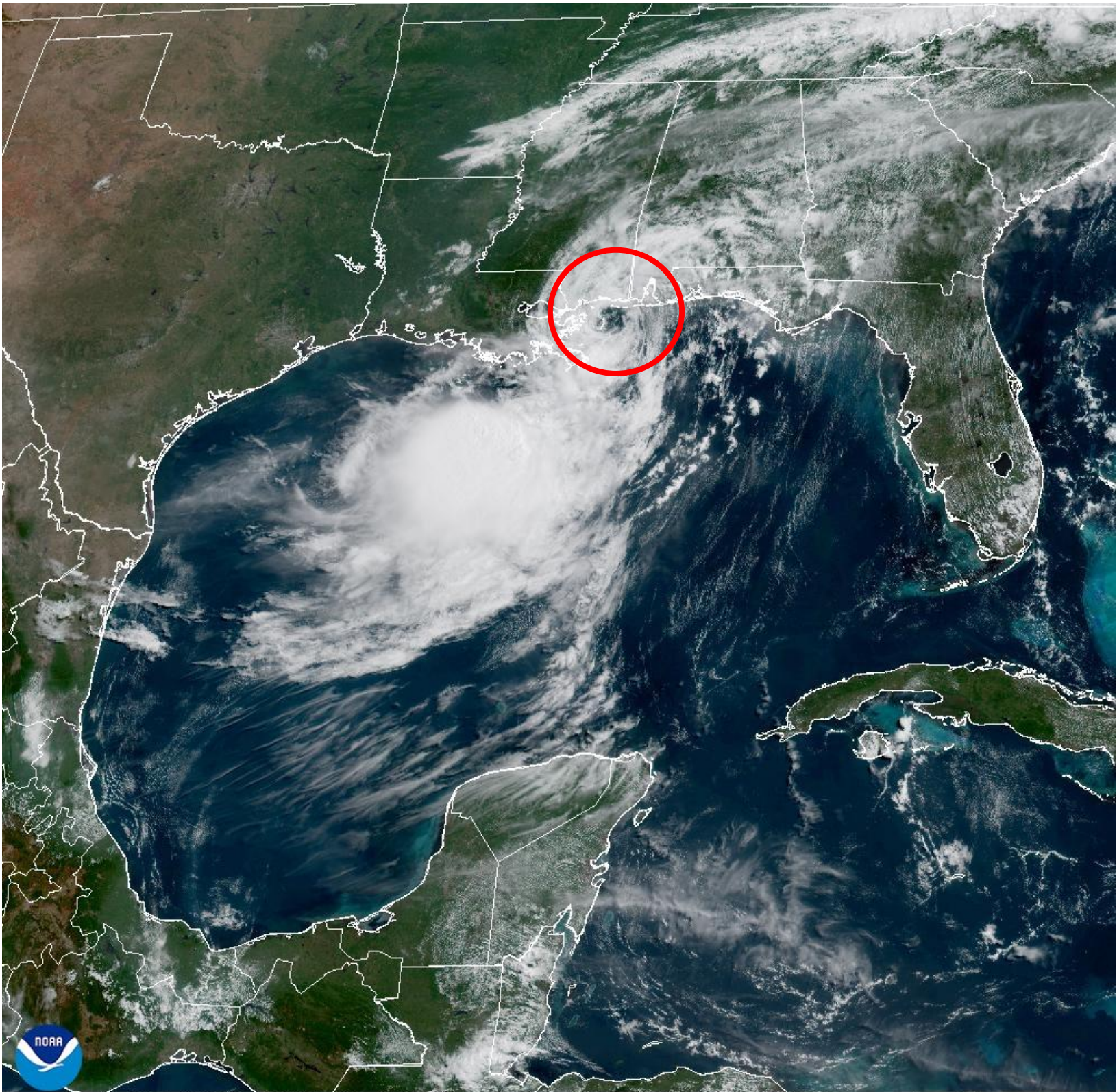




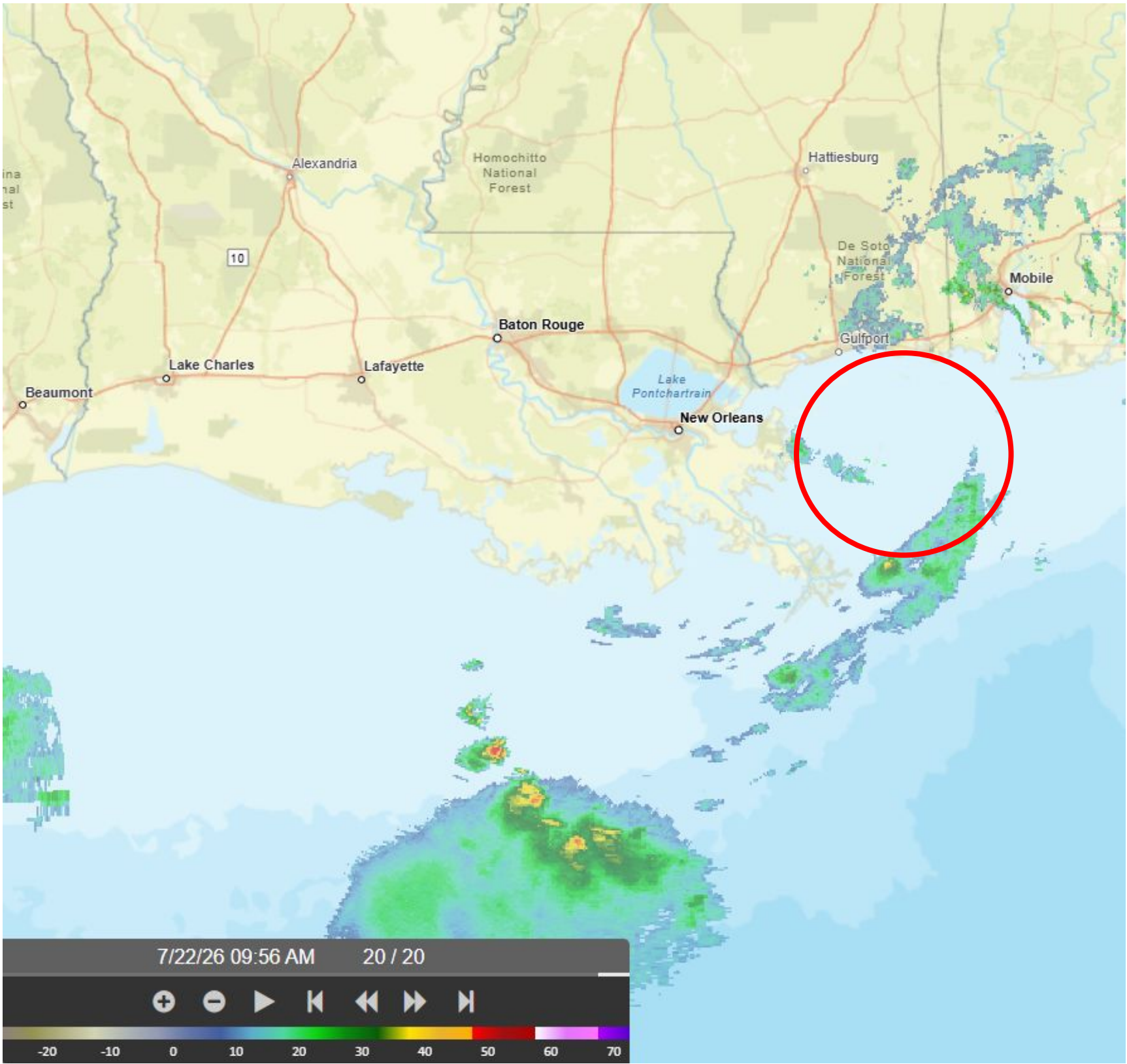
Current Satellite and Radar

July 22, 2026
10:30 AM

Tropical Storm Bertha

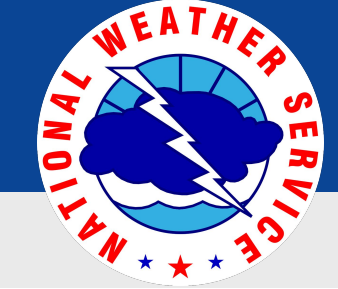


22 Jul 2026 15:06Z - NOAA/NESDIS/STAR - GOES-19 - GEOCOLOR Composite - GA



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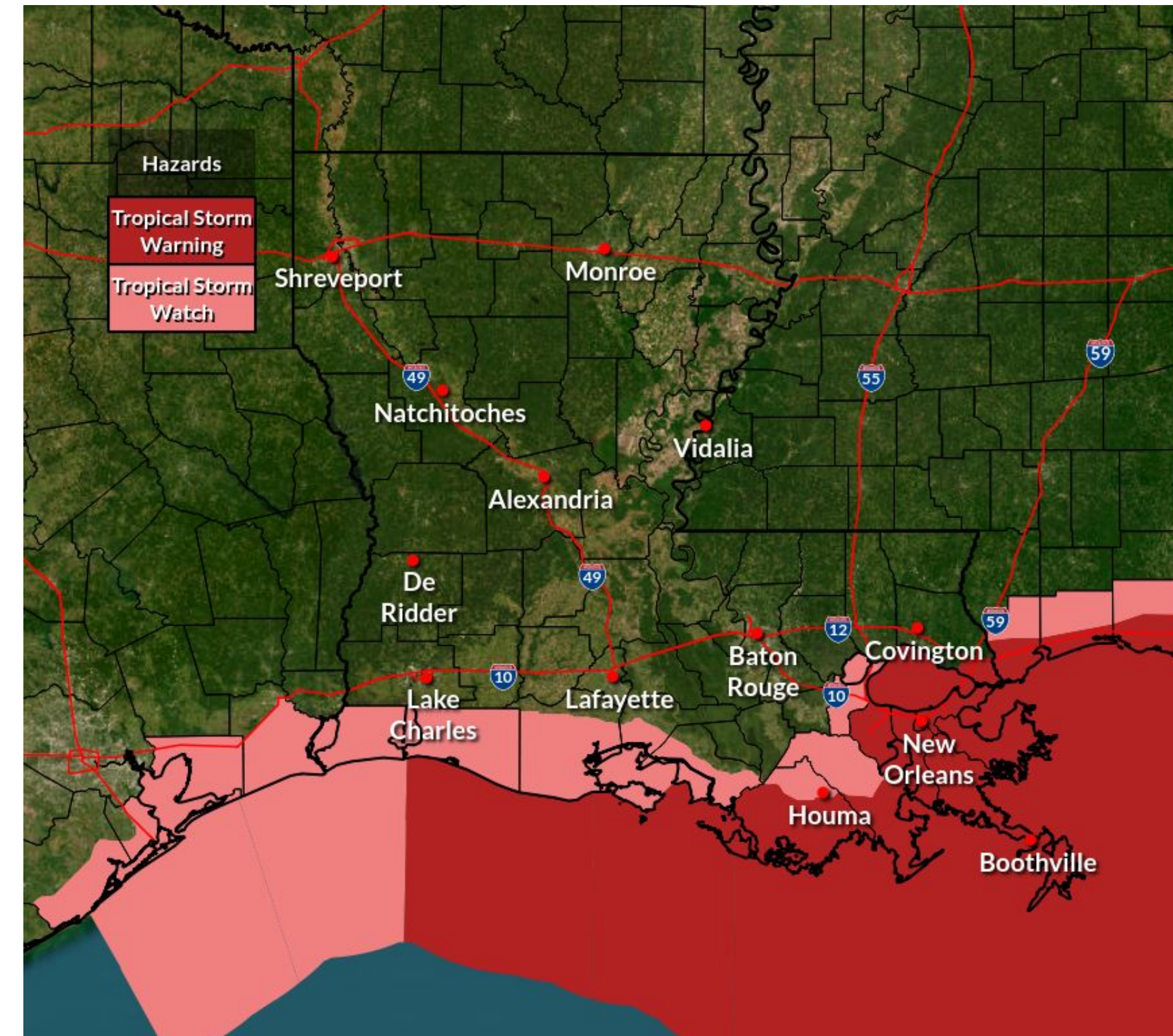
National Weather Service
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Tropical Storm Watch / Warning

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10:30 AM CDT

Tropical Storm Bertha

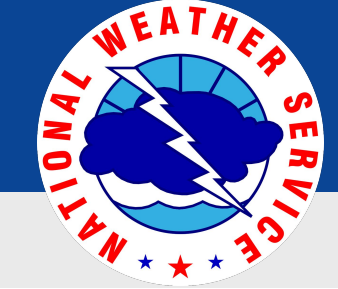


- No changes to the Tropical Storm Watches or Warnings on this advisory package.
- Note that there continues to be low confidence in the occurrence of sustained TS winds over most land areas (gust potential is higher)
- Significant uncertainty in the occurrence of tropical storm winds across areas farther to the west (watch areas)



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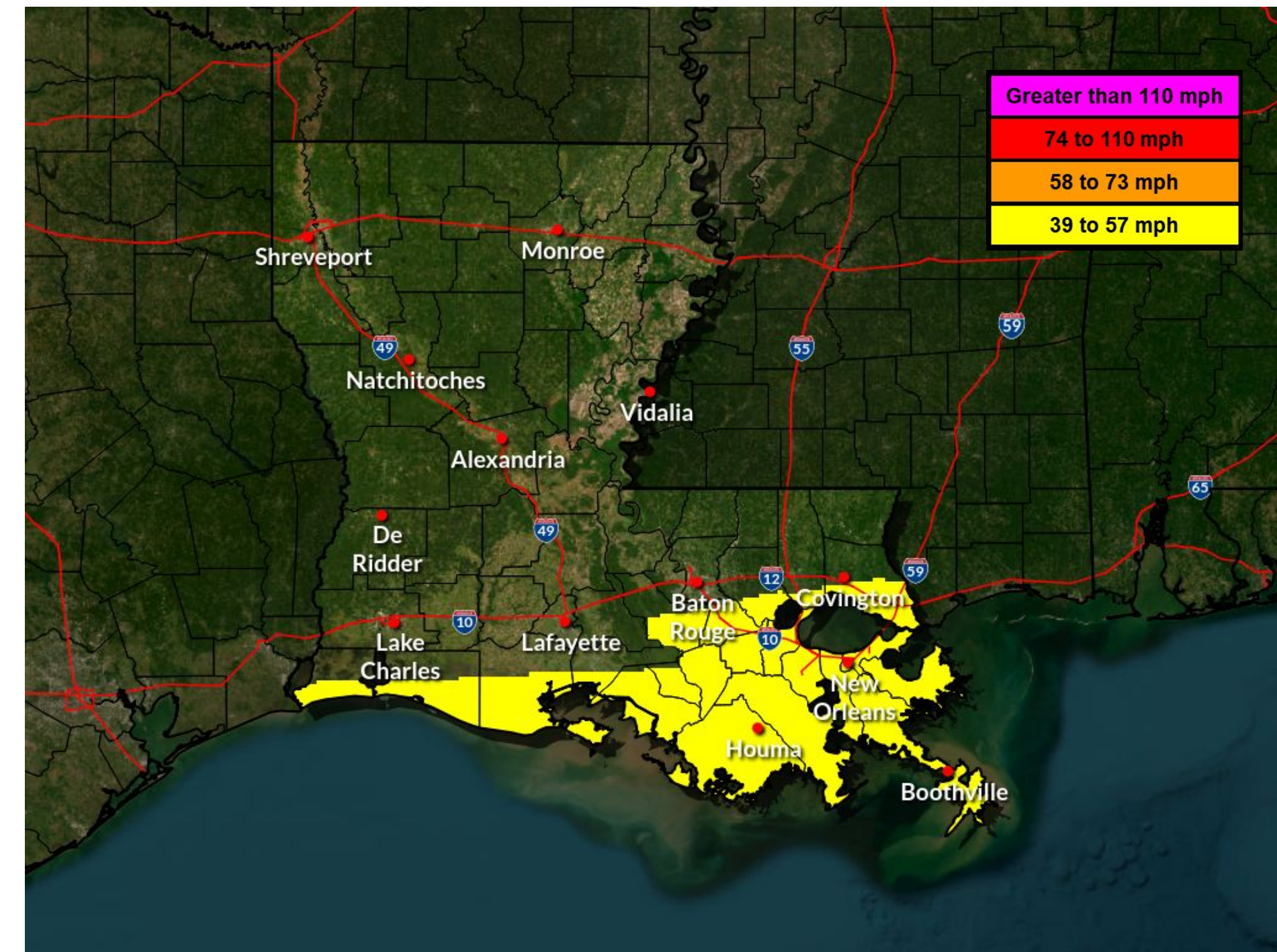
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Potential Wind Impacts

July 22, 2026
10:30 AM CDT

Tropical Storm Bertha



There is potential for tropical storm winds of 40+ mph, especially in gusts. The area of greatest threat will be in immediate coastal areas.

Tropical Storm winds/gusts could:

- Blow around lightweight and unsecured outdoor items (trashcans, etc)
- Down small tree limbs
- Result in isolated power outages
- Damage a few porches, awnings, sheds, etc

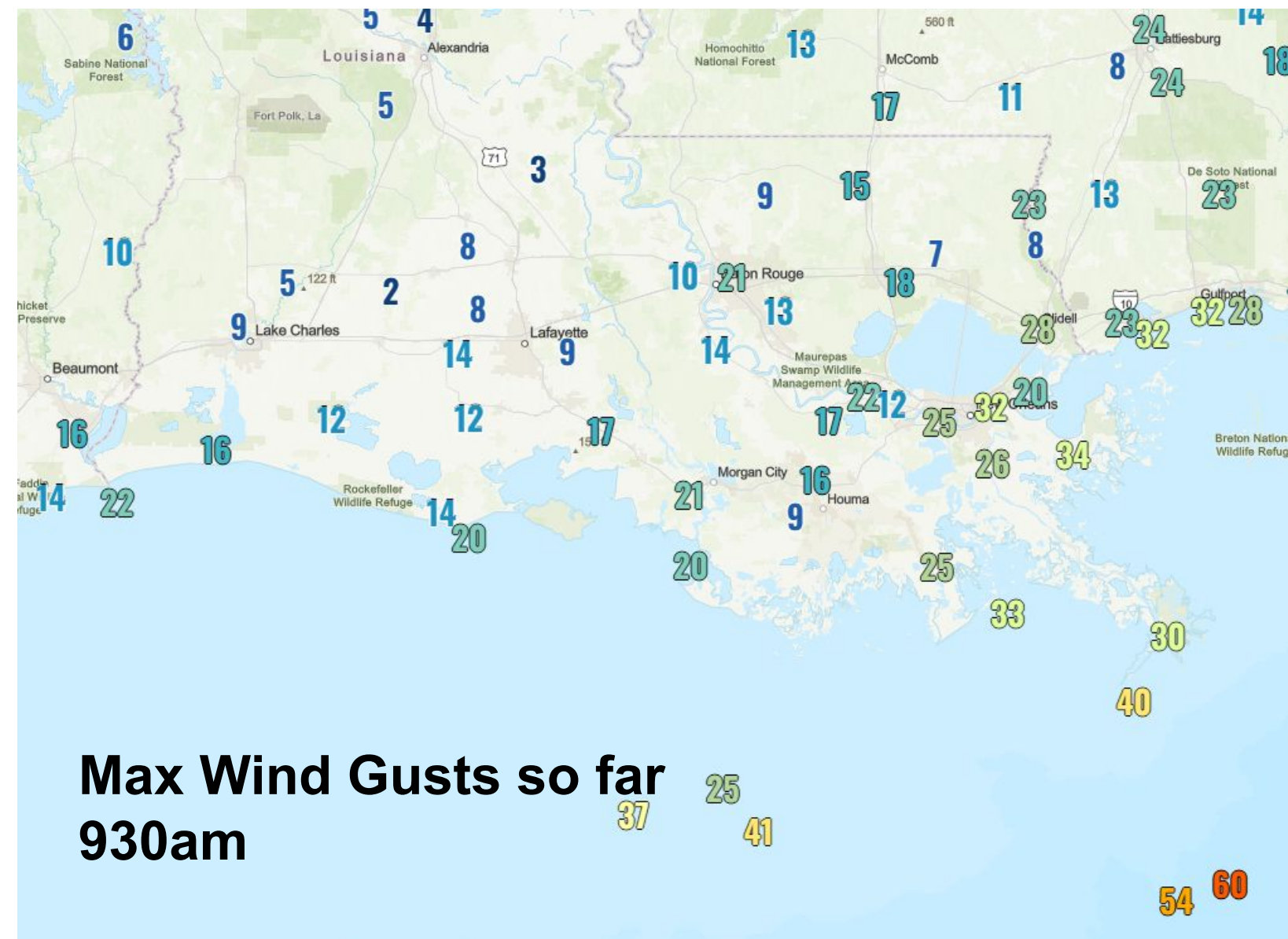
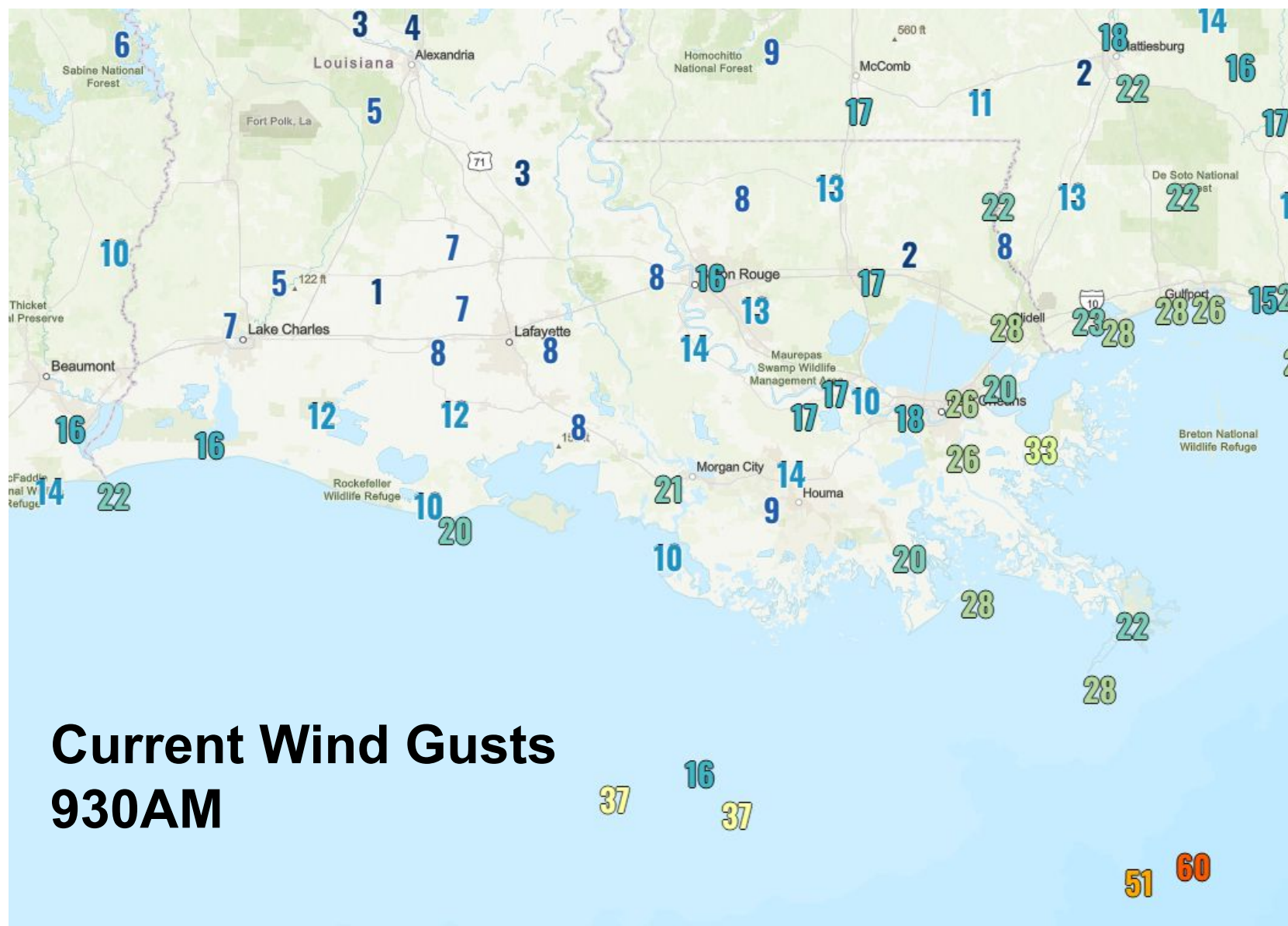




Current and Max Wind Gusts - LA

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10:30 AM CDT

Tropical Storm Bertha



- Wind gusts of 25-30 mph will become more common this afternoon across SE LA and a few tropical storm gusts (40+ mph) will be possible
- Winds should begin dying down across most of SE LA after sunset this evening
- Wind forecast across SW LA will depend on how much

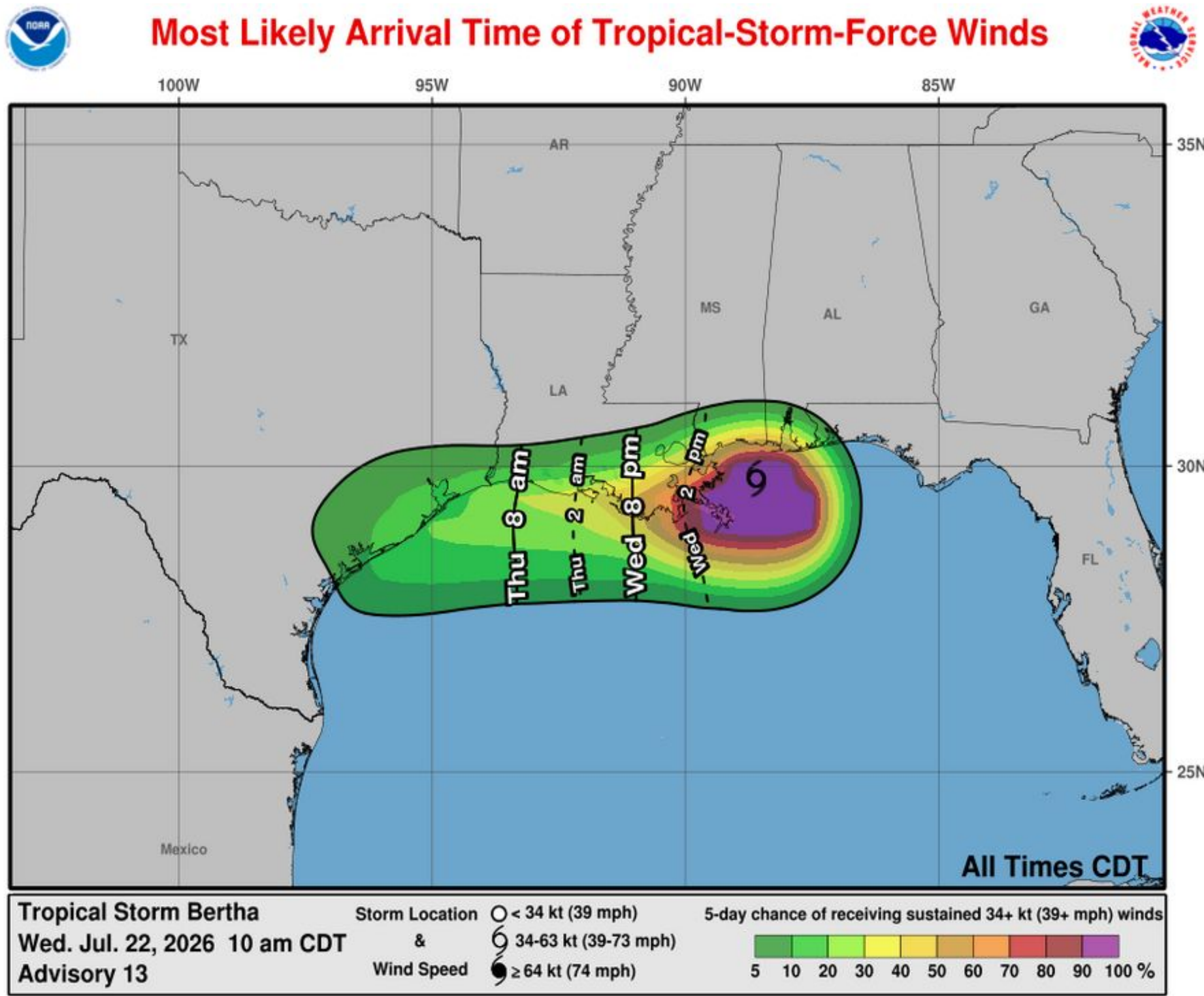




Most Likely Time of Arrival - LA

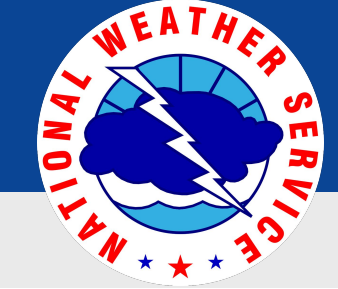
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- Probability of TS winds remains highest across immediate coastal areas of SE LA
- TS winds (mainly gusts) are most likely to begin in the next few hours across coastal SE LA and are likely to spread westward through the day
- *IF* TS winds/gusts occur across SW LA, the most likely time of arrival for the Atchafalaya River is tonight, progressing westward through Thursday morning

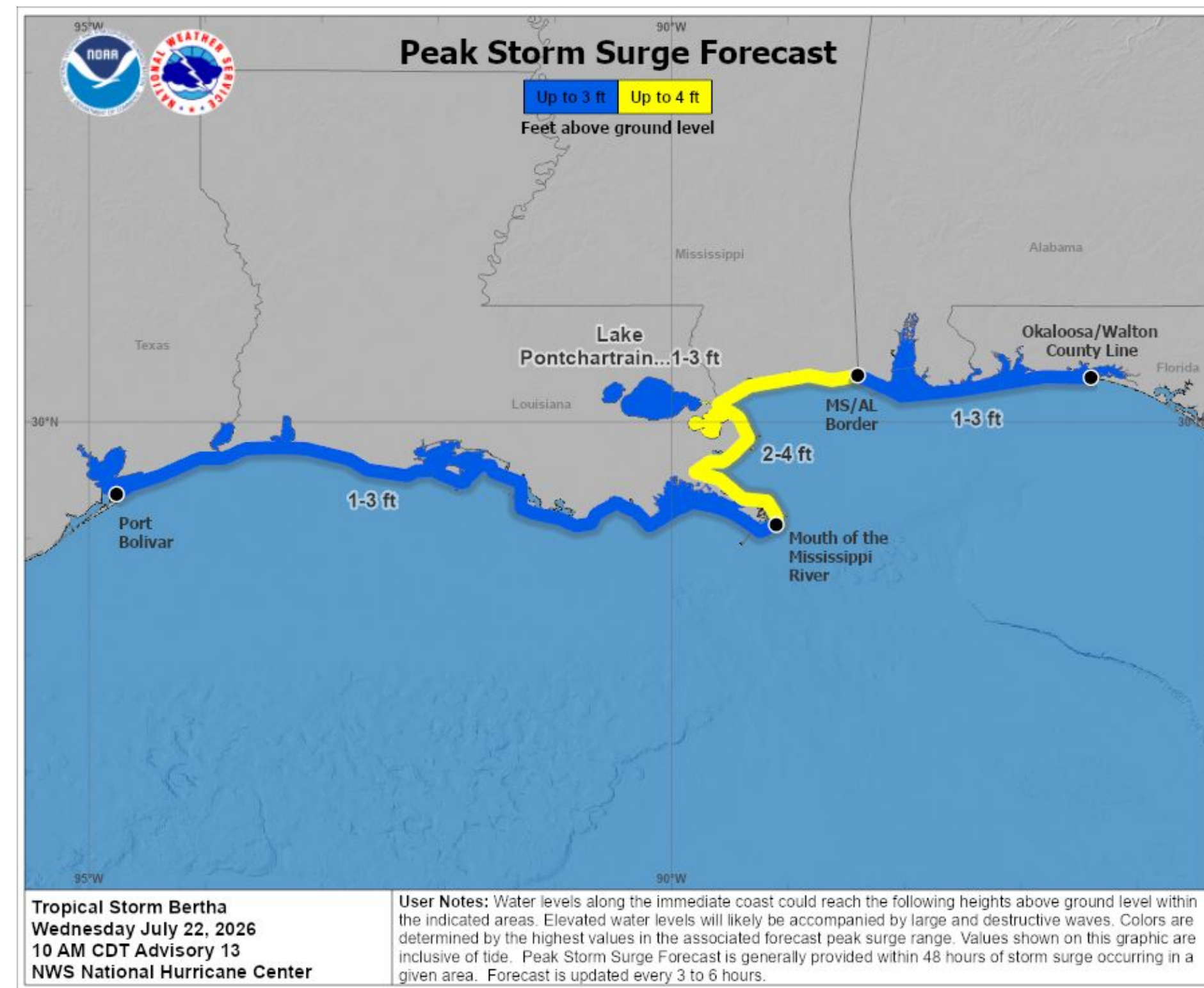




Peak Storm Surge

Tropical Storm Bertha

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10:30 AM



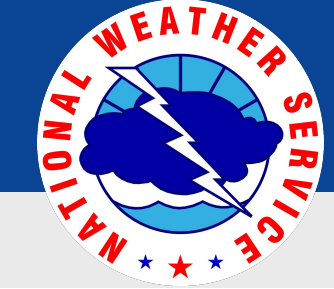
Storm Surge flooding could reach the following heights above ground:

- 2-4 ft along the open coast from the mouth of the Mississippi River eastward to the MS/AL border
- 1-3 ft elsewhere along the open coast and in Lake Pontchartrain.

Some areas of greatest risk:

- Lowest lying sections of Hwy 90 outside HSDRRS levees
- Shell Beach
- Lowest lying sections of Hwy 1 south of the Golden Meadow levee

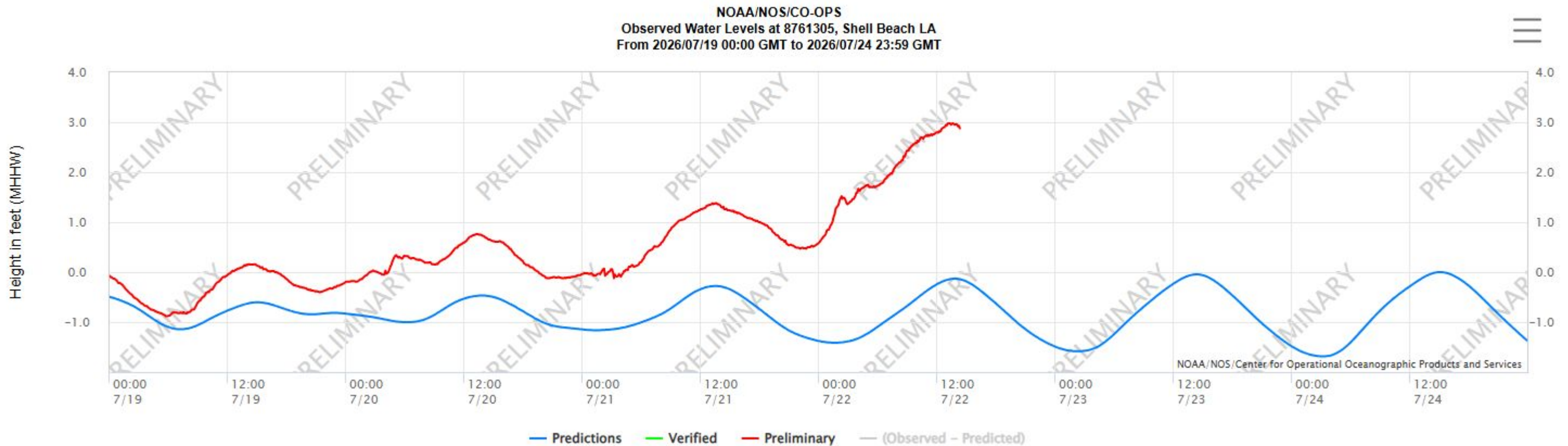
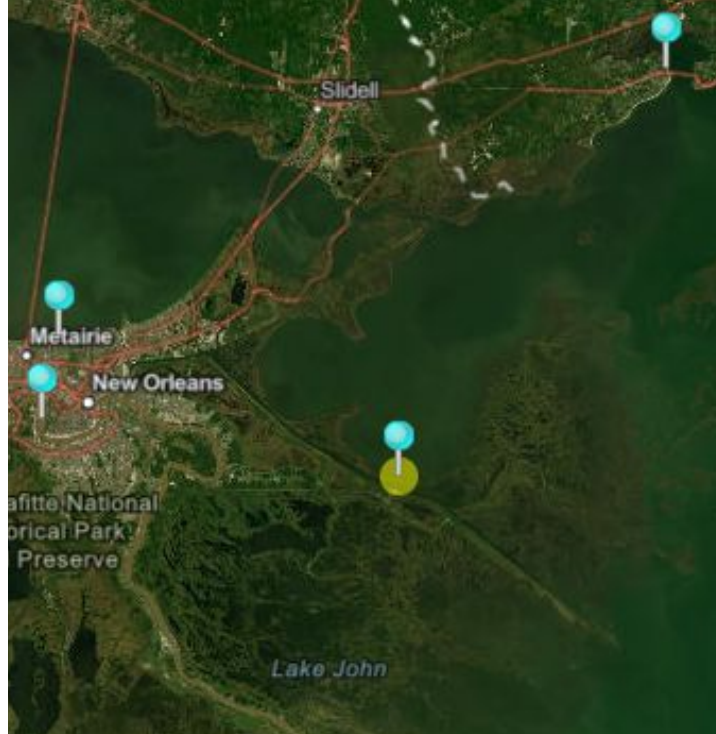




Coastal Flooding

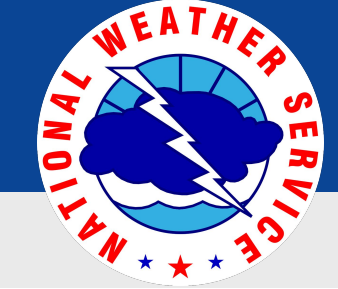
Tropical Storm Bertha

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- The tide station at Shell Beach peaked at 2.97 ft MHHW this morning, which was just above moderate flood stage (2.92 ft MHHW).
- Due to the wind direction, this morning's high tide should mark the highest water levels for this gauge. However, southeast facing shores east of the MS River may see similar or slightly higher water tomorrow morning.
- For portions of SE LA west of the MS River, tomorrow morning's tides will likely be the highest
- In SW LA, Water levels should peak either during the tonight/Thu morning or Thu night/Fri morning tide cycle

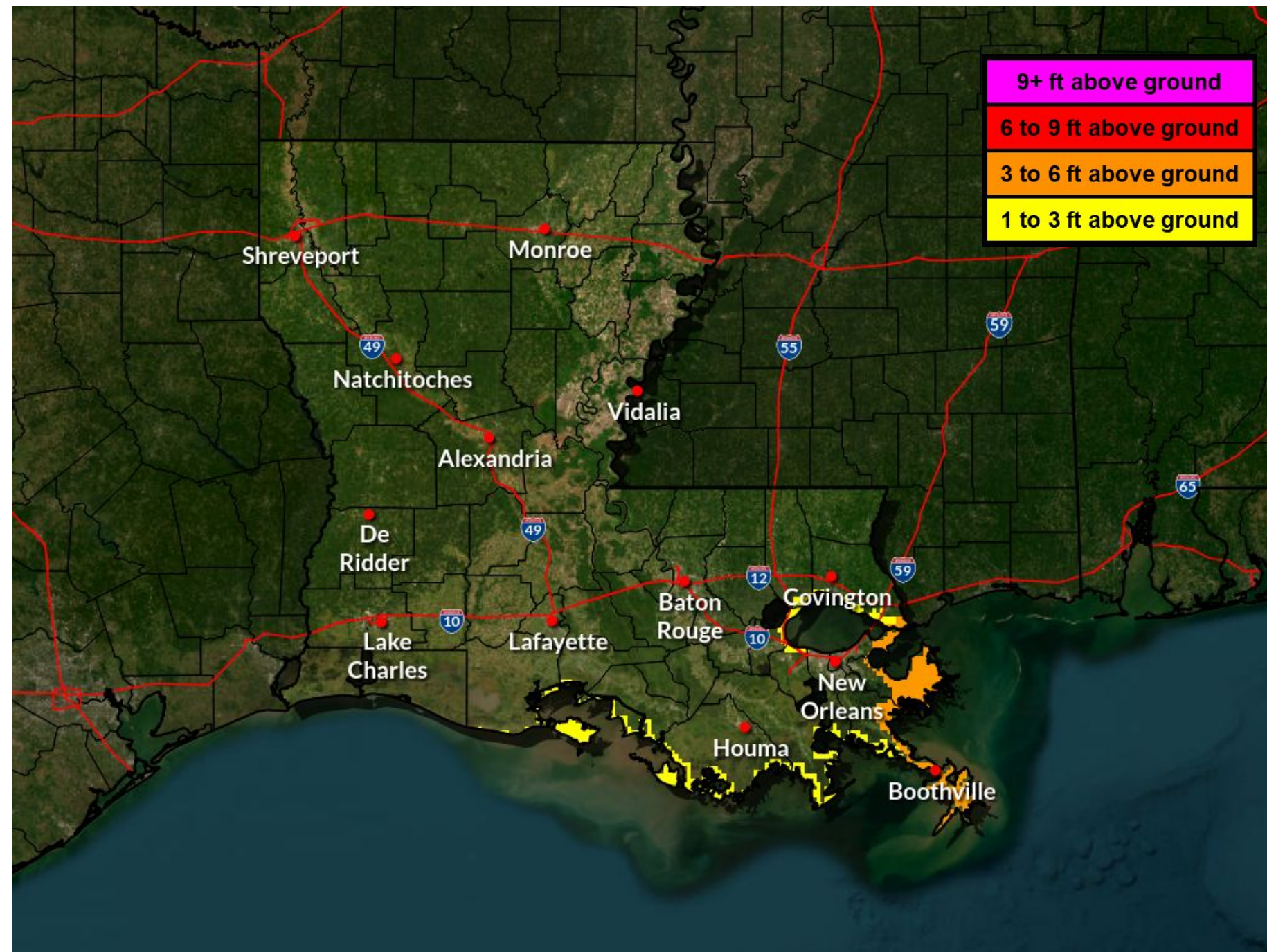




Potential Storm Surge Impacts - LA

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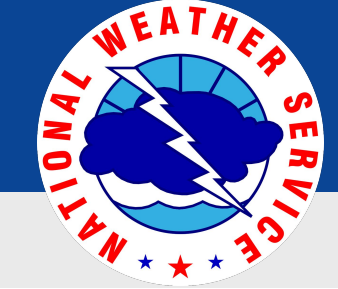
Along the open coast east of the MS River, 2-4ft of inundation could lead to:

- Flooding of low lying coastal roads with several becoming impassable
- Unelevated structures and under-home storage flooded in low lying areas
- Moderate to major beach erosion
- Moderate damage to marinas, docks, and piers

Elsewhere, 1-3ft of storm surge flooding could lead to:

- A few low lying roads becoming impassable
- Minor to moderate beach erosion
- Minor damage to a few marinas, docks, and piers

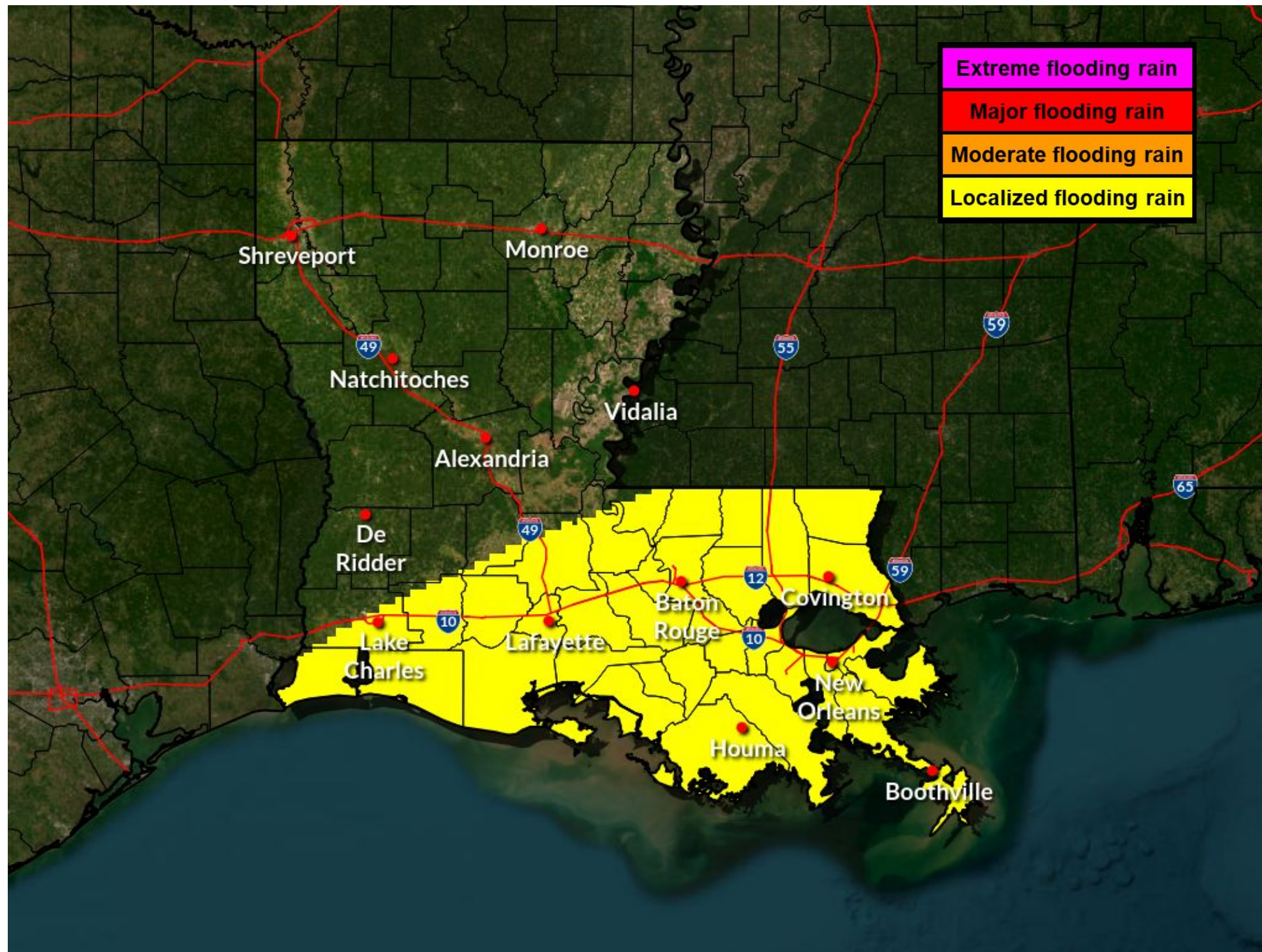




Inland Flooding Impacts - LA

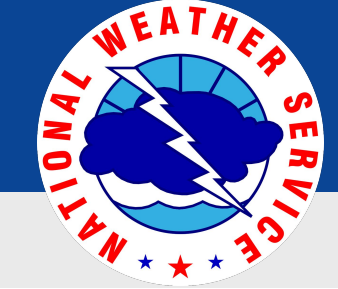
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- While the bulk of the heavy rain is still forecast to be across the Gulf, isolated to scattered storms in broken bands are forecasts to affect the state through Thursday.
- High rainfall rates in these storms will be capable of leading to localized flooding, mainly in urban and other poor drainage areas.

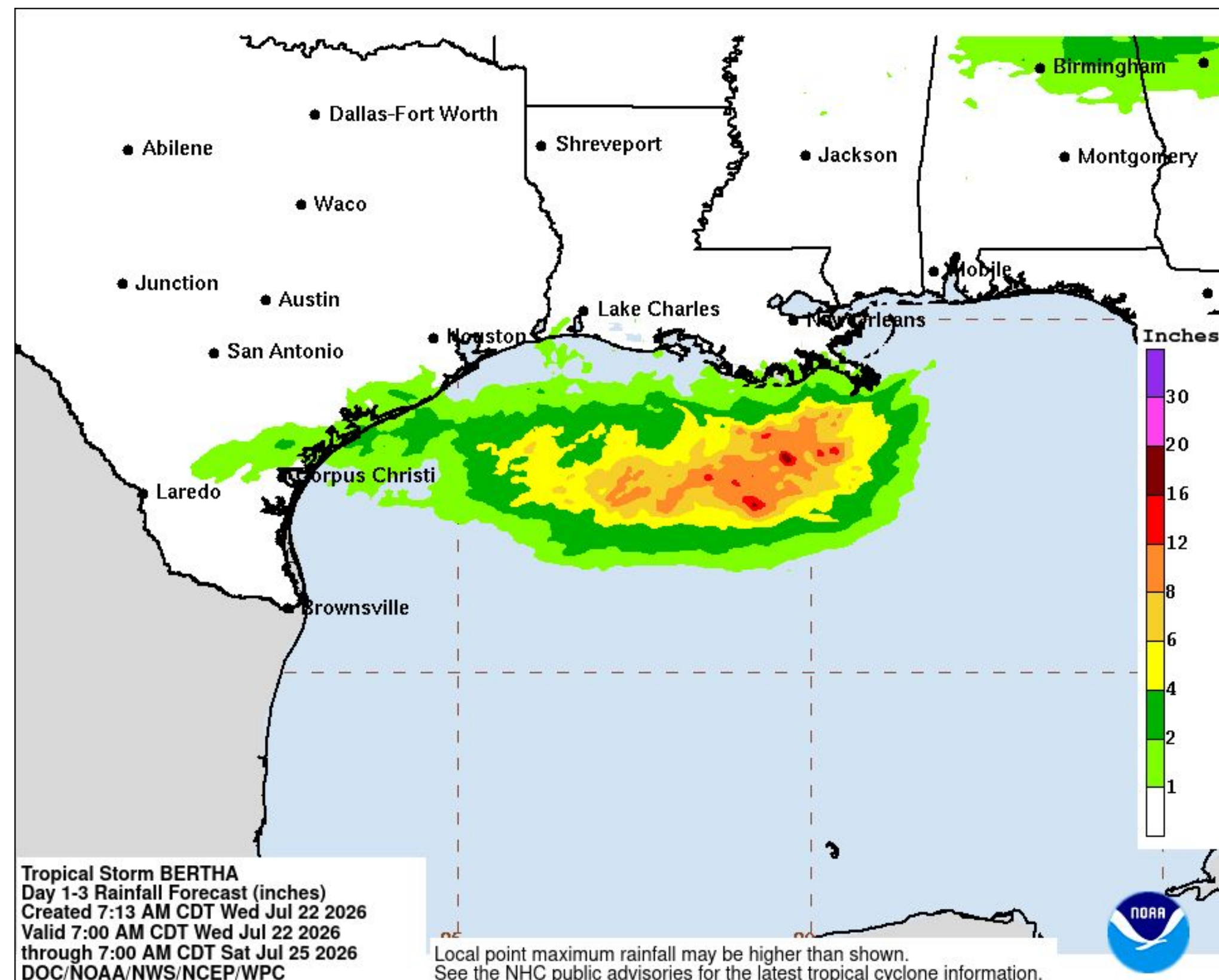




Expected Storm Total Rainfall

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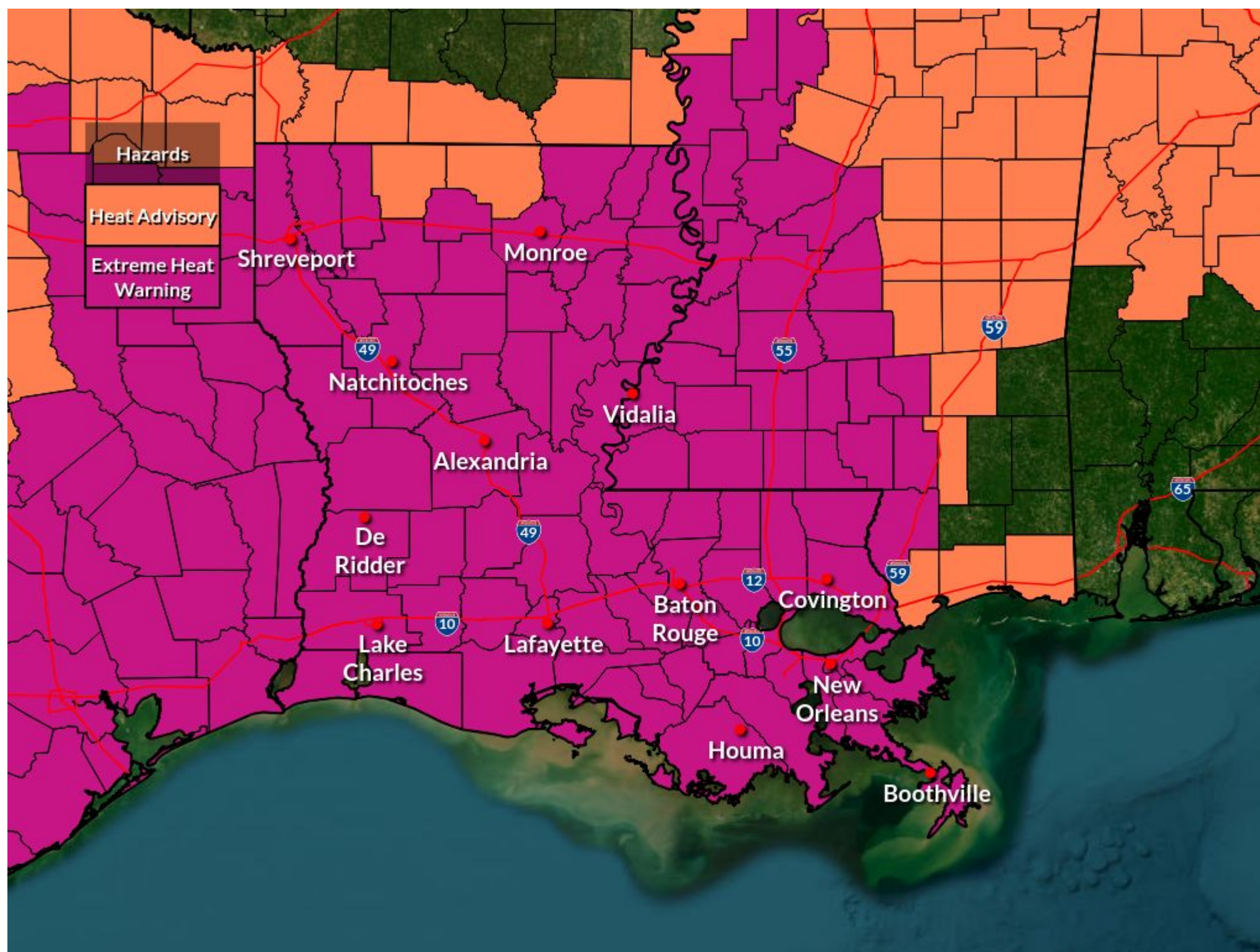
- Most of the rain will remain south of the coast, with most of the area seeing less than an inch of rain, though individual storms could produce 1-2" of rain in a relatively short period of time.
- The heaviest rain continues to be forecast across the immediate coast of SE LA but the forecast now calls for 1-2" of rain in that area
- The lopsided nature of this storm will keep much of the rain to the southwest and south of the center, mainly falling over the Gulf.



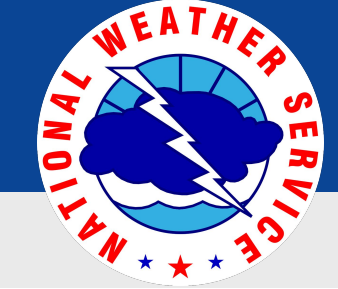


Heat Despite the Tropical Storm

July 22, 2026
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- Dangerous heat conditions are expected again tomorrow with heat index values higher than 112F across most of the state this afternoon.
- Some places could see values as high as 118F.
- Heat index values should be a little lower on Thursday, but could still require heat advisories in some areas, with maximum forecast values in the 105-110F range.



Key Takeaways

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Tropical Storm Bertha

Confidence is MODERATE that Tropical Storm Bertha could bring the following impacts to the area early today through midday Thursday



Tropical Storm Winds, especially in the form of gusts. A few damaging gusts will be possible. The main concern is isolated power outages. Strongest winds will be in immediate coastal areas.



Minor to moderate storm surge flooding with up to 2-4ft of flooding above ground for immediate coastal areas east of the MS River. 1-3ft of flooding above ground elsewhere along the coast.



High rainfall rates could lead to isolated flooding, mainly in coastal areas of southeastern Louisiana.

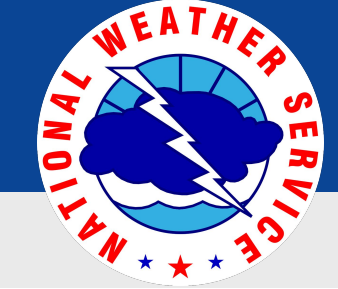


Tornadoes currently appear unlikely today, but conditions may be a little more favorable for a tornado or two Thursday as Bertha moves to the west IF thunderstorms develop across the area.



Dangerous marine conditions are likely across the coastal waters if the current forecast holds.





Questions?

Contact Information

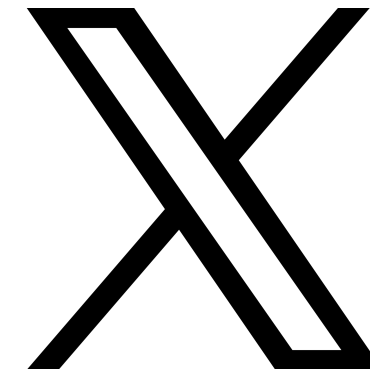
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