



HEAVY RAIN BRIEFING

3:00 PM CDT
Tuesday, July 15, 2025

Prepared by:
NWS New Orleans/Baton Rouge

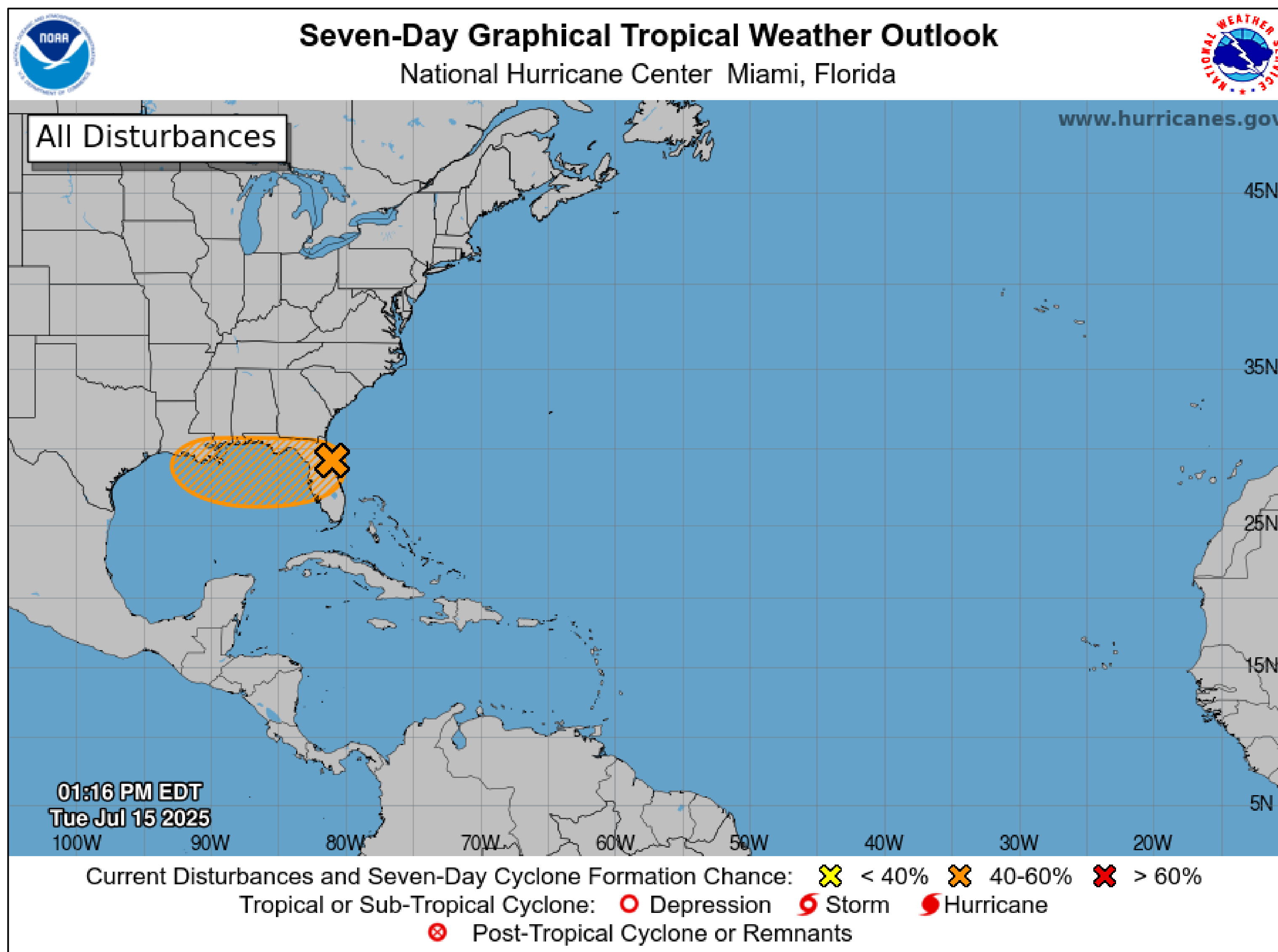


Situation Overview

- There is a medium (40%) chance of tropical cyclone development in the northern Gulf late this week.
- Regardless of development, the system forecast to move through the gulf will bring multiple rounds of heavy rain to portions of Louisiana during the Wed-Sun time frame, with the greatest threat Thursday through Saturday.
- High rainfall rates are likely to overwhelm drainage capacity at times, resulting in street flooding and at least a localized flash flooding threat.
- Areas that see the most rain could experience more significant flash flooding, especially if there aren't sufficient breaks between rounds of heavy rain to allow drainage to catch up.



Tropical Weather Outlook



- There is a medium (40%) chance of tropical cyclone development later this week as a disturbance moves through the northern Gulf.
- The system is currently moving across the Florida peninsula and it remains to be seen how organized it will be when it moves into the Gulf.
- Once the system emerges into the Gulf tomorrow, forecasts should become clearer.



7-Day Threat Outlook

Day/ Threat	Today	Wed	Thu	Fri	Sat	Sun	Mon
Heavy Rain		Potential for localized flash flooding, esp urban areas near the coast	Potential for areas of flash flooding, esp urban areas	At least localized areas of flash flooding likely	Threat will be conditional on how much rain falls Thurs/Fri	Threat could extend into Sunday	
Gusty Winds				Low threat *IF* the system strengthens more than forecast.			
Coastal Flooding				Low threat *IF* the system strengthens more than forecast.			

Threat Level	Limited	Elevated	Significant	Extreme
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Flash Flood Threat

7AM Thu through 7AM Fri



7AM Fri through 7AM Sat



7AM Sat through 7AM Sun



1 - Marginal Localized Flash Flooding
2 - Slight Areas of Flash Flooding, Especially in Urban Areas
3 - Moderate Flash Flooding Likely, Potentially with Significant Impacts
4 - High Max Threat Level Flooding Likely with Significant Impacts

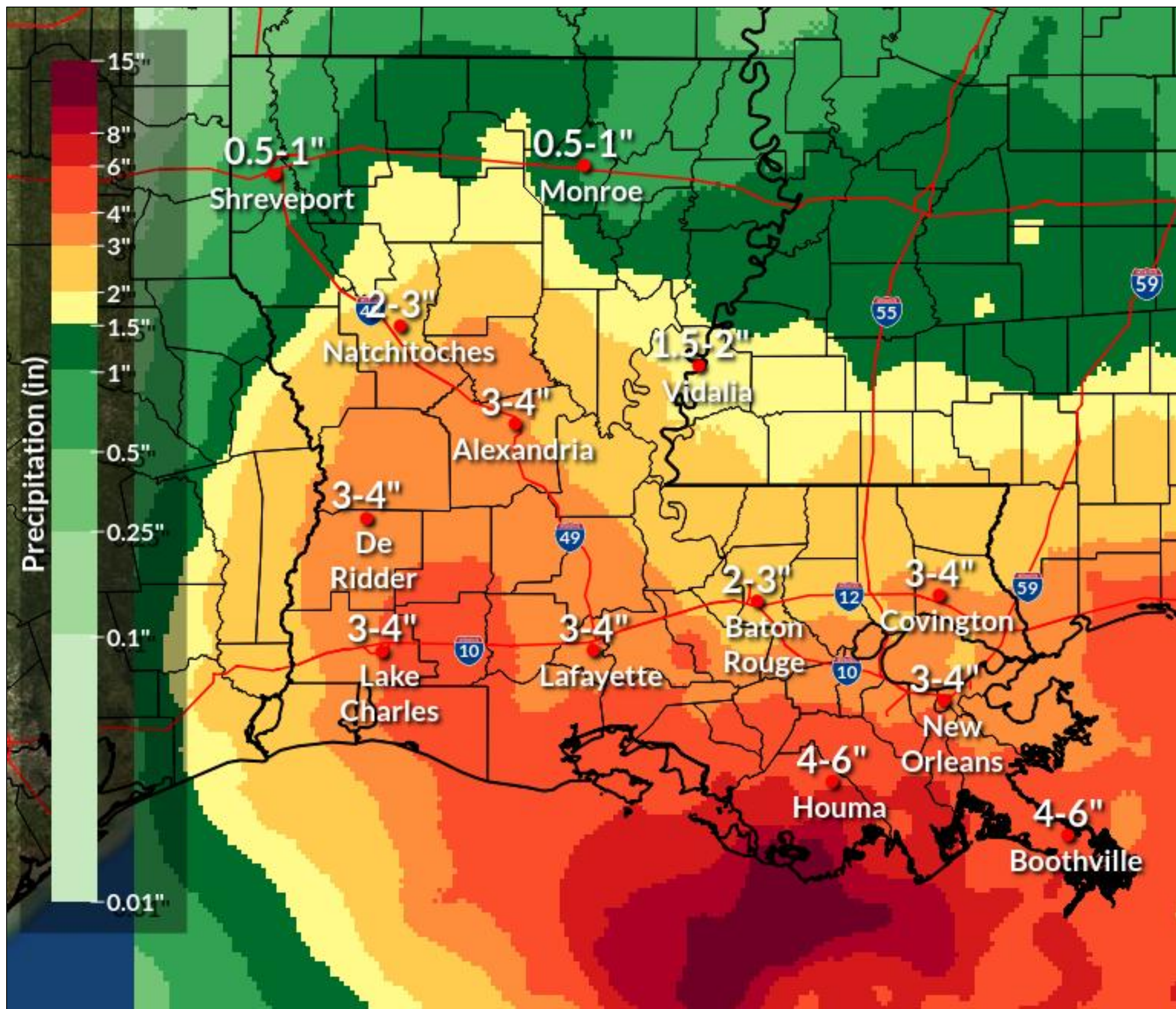
3 of 4

- The heaviest rain is currently forecast Thursday through Saturday depending on location
- Rainfall rates in excess of 2-3 inches per hour will likely lead to ponding of water in low lying and poor drainage areas at times
- Some roads could become impassable especially around underpasses, and in areas where the heaviest rain falls, some low lying structures may be flooded as well
- Flash flood threat over the weekend conditional on how much rain falls Thurs/Fri



Storm Total Rainfall Forecast

Valid Wednesday-Sunday

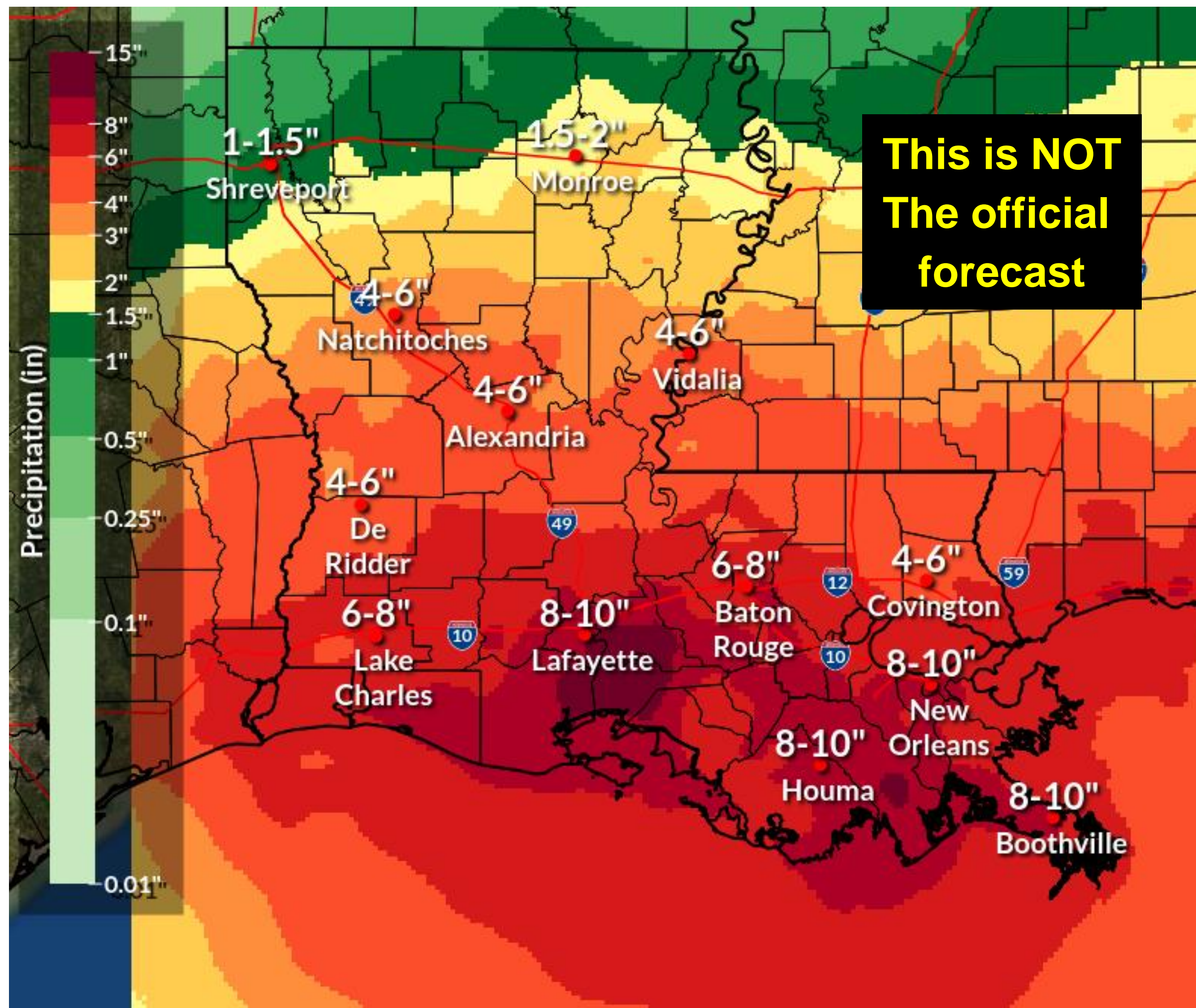


- Generally 3-6" of rain is forecast across areas south of Natchitoches during the Wed-Sun time frame with the heaviest rain falling Thu-Sat.
- Rain will come in multiple waves, and the timing of those individual waves is currently uncertain.
- Locally higher amounts are likely, with some storms producing 2-3" of rain in a relatively short period of time.



High End Rainfall Forecast

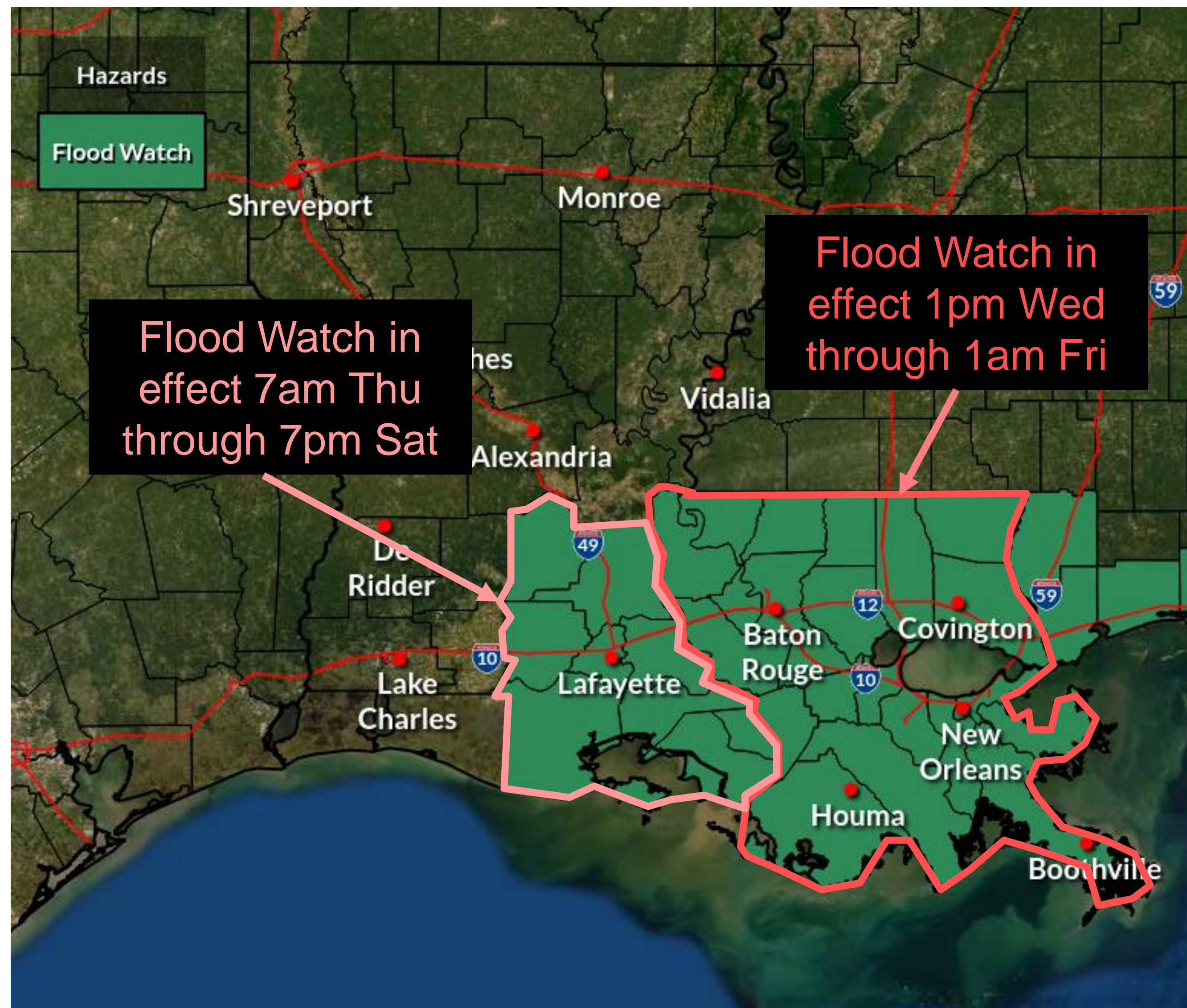
Valid Wednesday-Sunday



- Taking into account uncertainty and reasonable forecast errors, some locations could see 10+ inches of rain during through Sunday.
- The values in the map represent a reasonable worst case based on the current forecast for each individual location. It is unlikely that these values will be realized everywhere.



Flood Watch



- A Flood Watch has been issued for portions of southern Louisiana
- Both the time and areal extent of the Watch may be expanded as the threat area and timing become clearer.



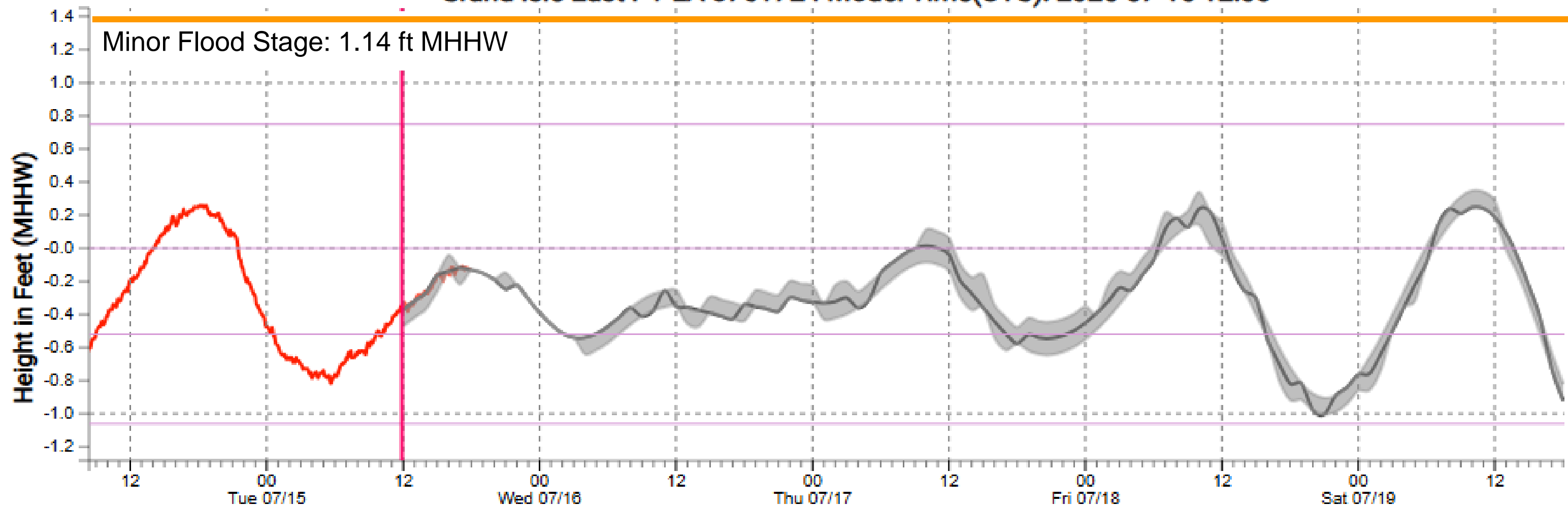
River Flood Threat

- As heavy rain drains into rivers throughout the state, water levels will rise.
- River crests are extremely sensitive to exactly where and how quickly rain falls, so it is currently too soon to project whether any river flooding will occur.
- With rivers at base flow rates or lower (except for the Mississippi) throughout most of the state, the threat of significant river flooding is relatively low.

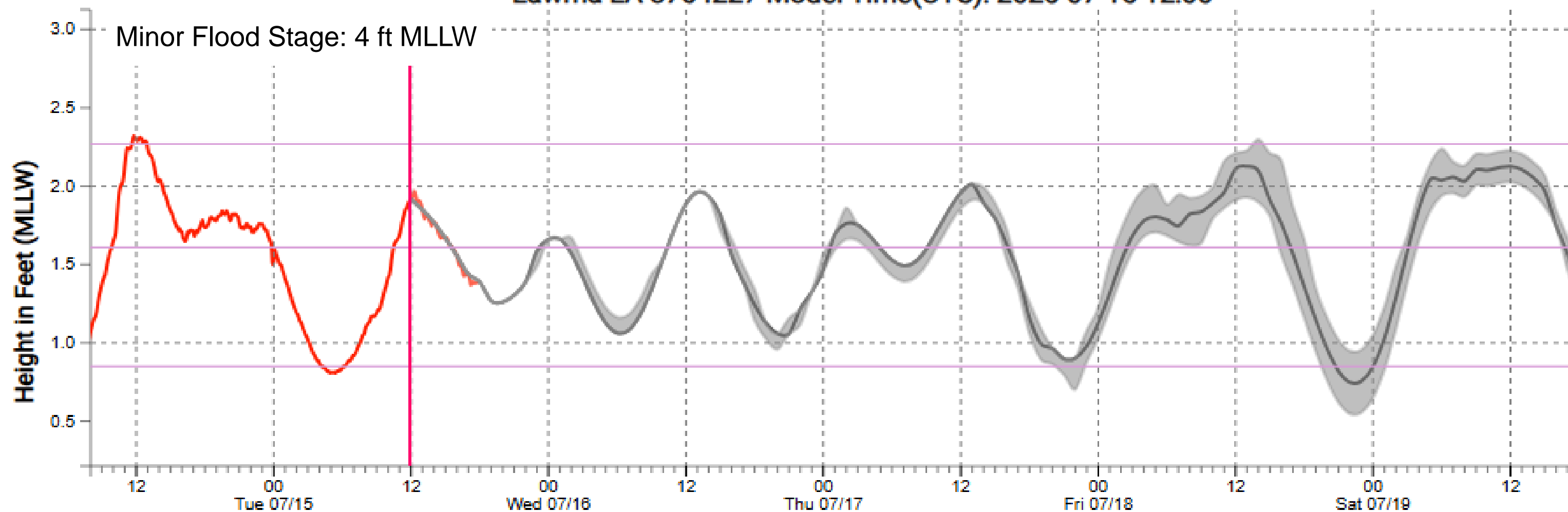


Coastal Flood Threat

Grand Isle East PT LA 8761724 Model Time(UTC): 2025-07-15 12:00



Lawma LA 8764227 Model Time(UTC): 2025-07-15 12:00



- **Very little threat of coastal flooding/storm surge.**
- Favorable tide cycles with low ranges will help reduce the coastal flood threat.
- Gray shading indicates the uncertainty range of the tide forecast.
- Highest water levels are generally forecast Friday morning, and currently even the higher end forecasts remain well below minor flood stages.



Summary of Impacts

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Questions?

Contact WFO New Orleans at
504-522-7330 or 985-649-0429
or through the #wfo-new-orleans-la
channel on NWSChat 2.0 (slack)

*Get the latest forecast and hazard information at
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