



WEATHER BRIEFING

8:00 AM CDT
Monday, June 17, 2024

Prepared by:
NWS New Orleans/Baton Rouge



Situation Overview

A broad area of low pressure developing in the southwestern Gulf will indirectly result in multiple hazards across the local area through midweek:

1. Tropical moisture continues to move through the area mainly today, leading to high rain chances and a threat of locally heavy rain
2. Winds will strengthen today with gusty conditions in the forecast for Tuesday and Wednesday, mainly south of the tidal lakes. Wind advisories are currently not expected, but cannot be ruled out.
3. Strong onshore winds will cause tide levels to rise above normal beginning Tuesday, and peaking Wednesday. Minor to potentially moderate coastal flooding is expected along some east and southeast facing shores.



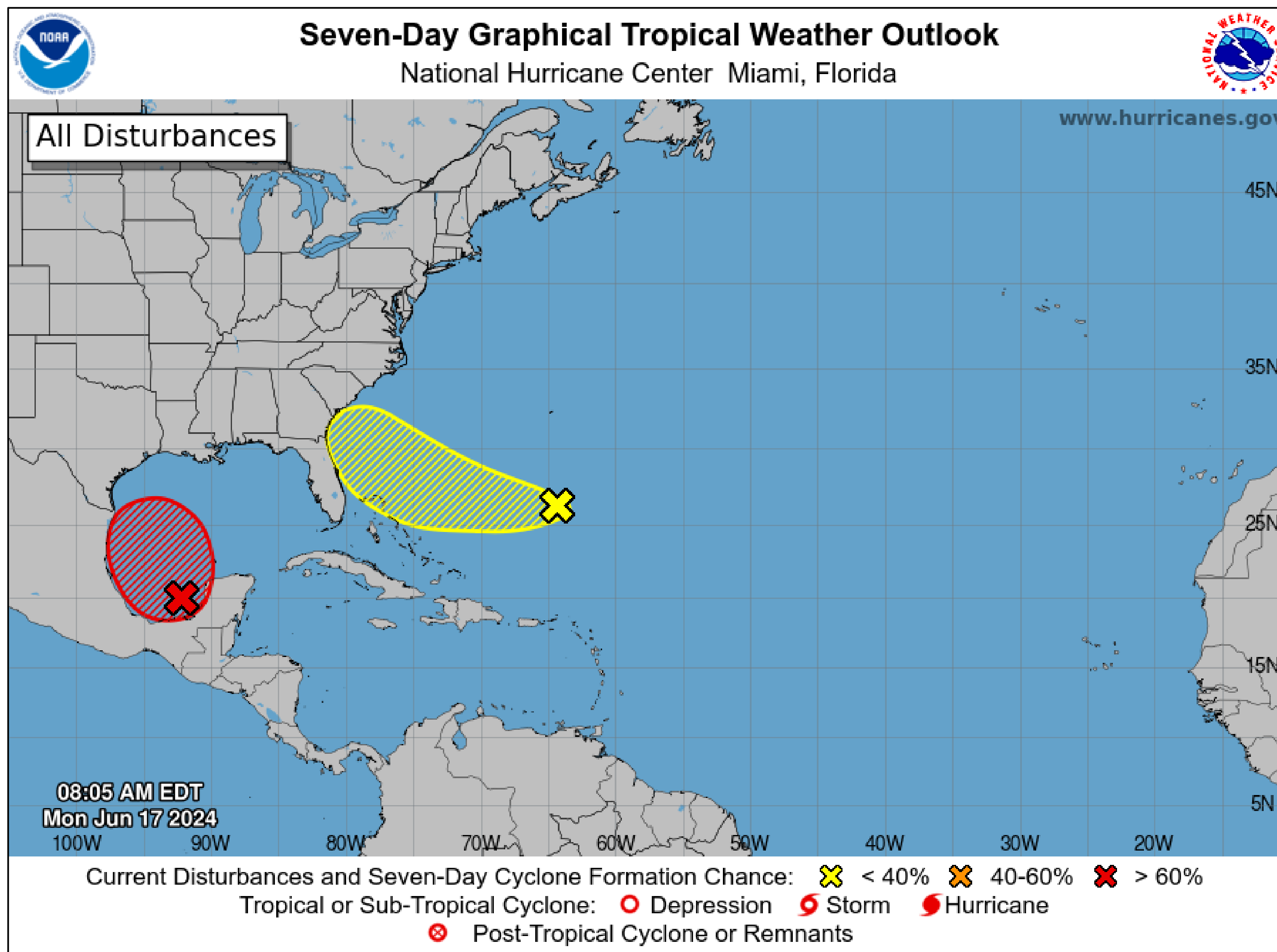
7-Day Threat Outlook

Day/ Threat	Today	Tue	Wed	Thu	Fri	Sat	Sun
Lightning	Scattered to numerous thunderstorms	Scattered thunderstorms	Isolated thunderstorms	Isolated thunderstorms	Isolated thunderstorms	Scattered thunderstorms	Scattered thunderstorms
Heavy Rain	Mainly south of a line from Woodville to Tylertown	Mainly southwestern areas					Possibly area-wide
Coastal Flooding	Mainly E and SE facing shores	Mainly E and SE facing shores	Mainly E and SE facing shores	Mainly E and SE facing shores			
Strong Winds	Mainly south of the tidal lakes	Mainly south of the tidal lakes	Mainly south of the tidal lakes	Mainly south of the tidal lakes			

Risk Level	Marginal	Limited	Elevated	Significant	Extreme
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Tropical Weather Outlook



SW Gulf

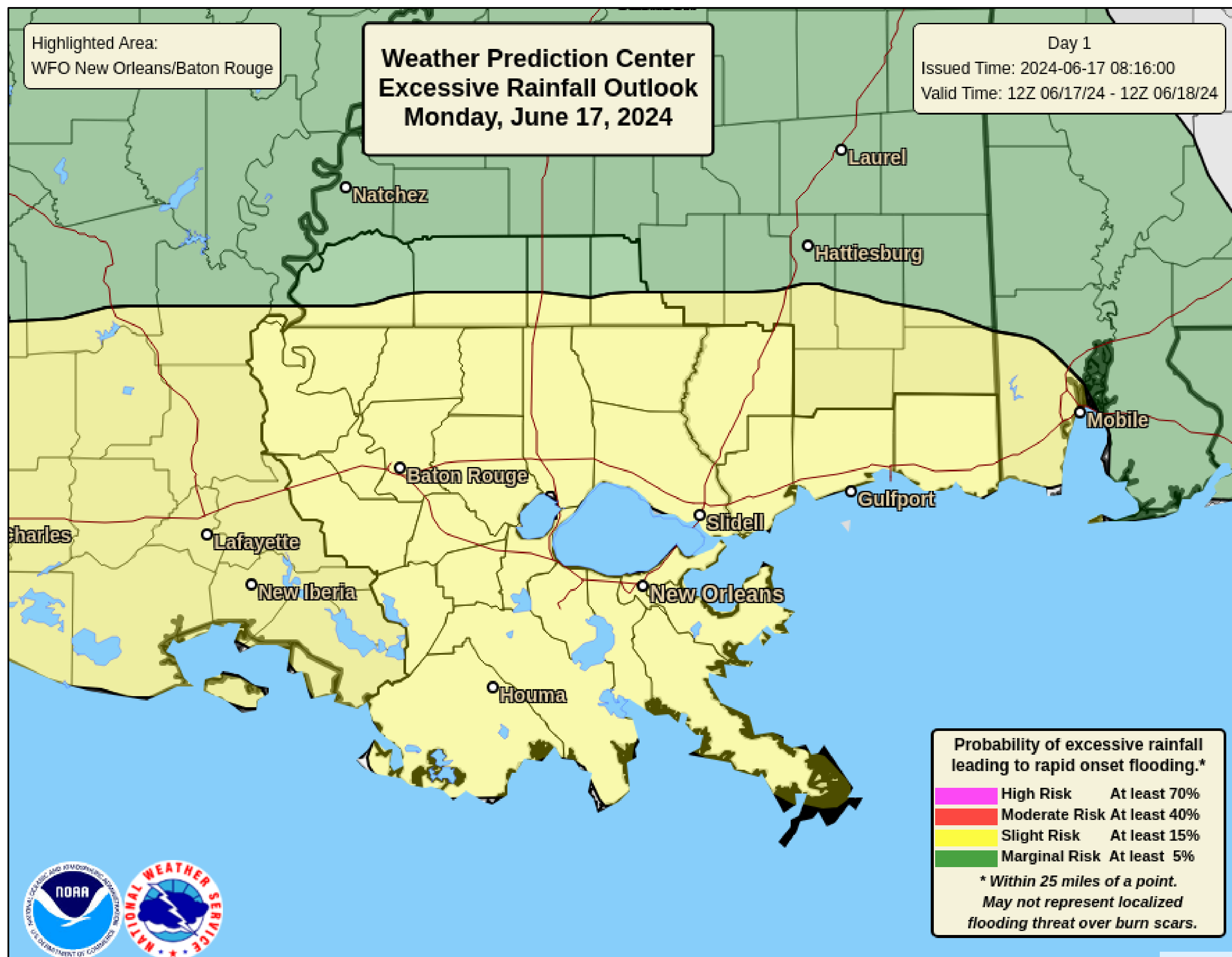
- High (70%) chance of development next 7 days, medium (60%) chance in next 2 days
- Tropical moisture loosely associated with this system will bring rain to the area through midweek

Western Atlantic

- Low (30%) chance of development next 7 days, low (0%) chance in next 2 days
- Significant uncertainty with how much this system develops before reaching the SE Coast and thus whether it would maintain organization beyond Florida



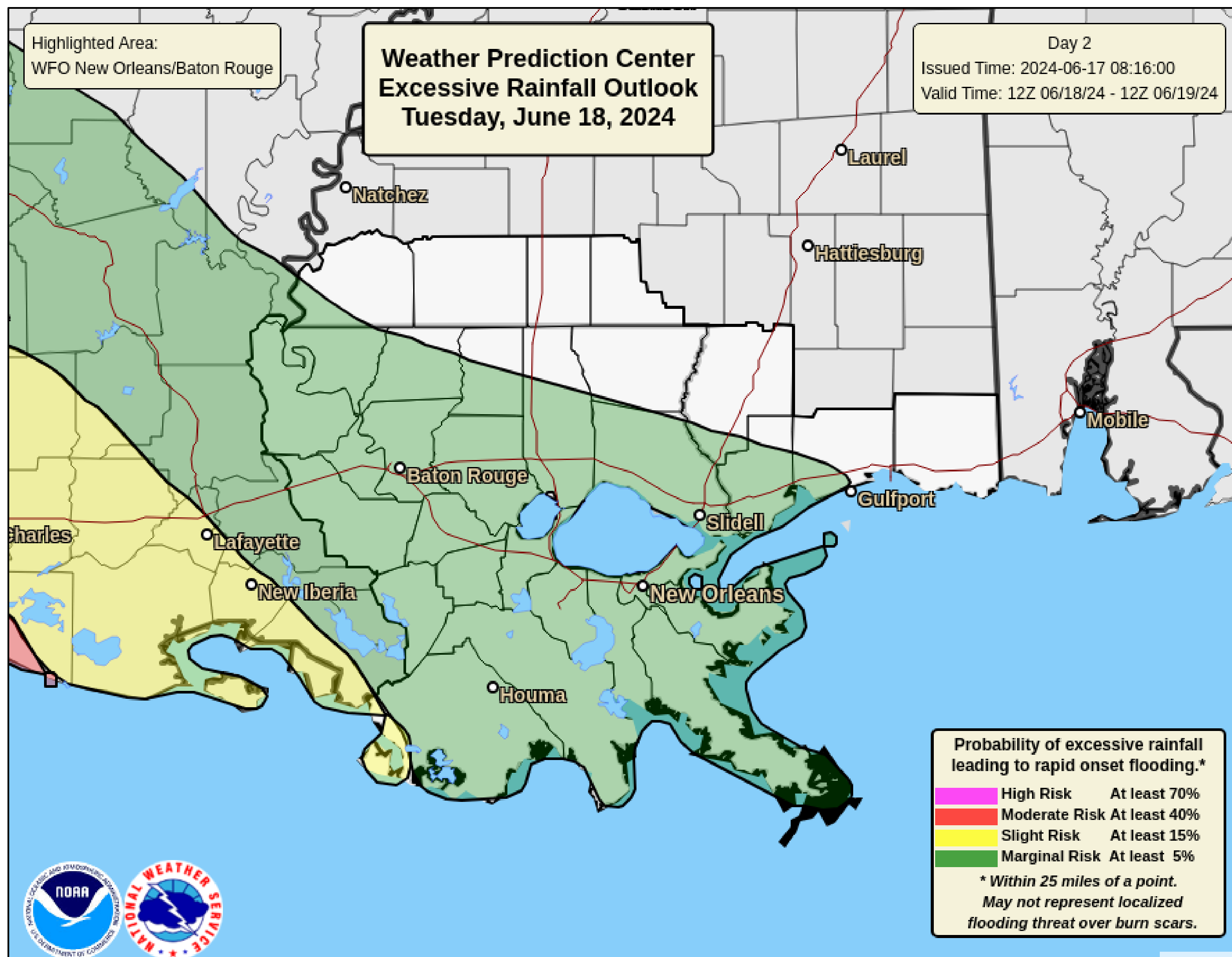
Excessive Rainfall Outlook – Through Tonight



- Scattered showers and storms will start this morning then continue overnight
- A few storms could produce locally heavy rain, with the greatest threat in southeast Louisiana and coastal MS



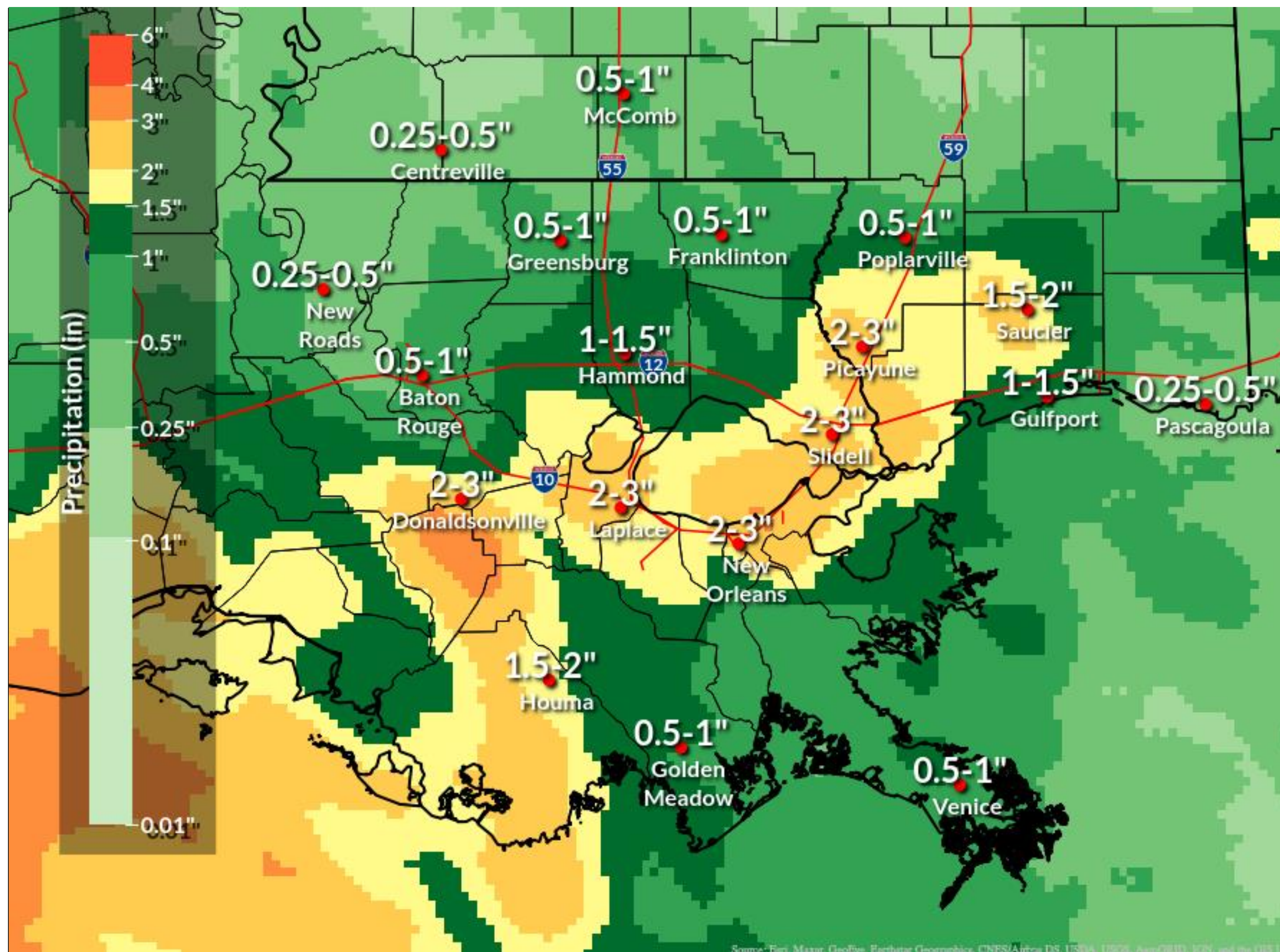
Excessive Rainfall Outlook - Tomorrow



- Isolated showers and storms are in the forecast for Tuesday
- A few storms could produce locally heavy rain



Storm Total Rainfall Forecast – Now through Tuesday

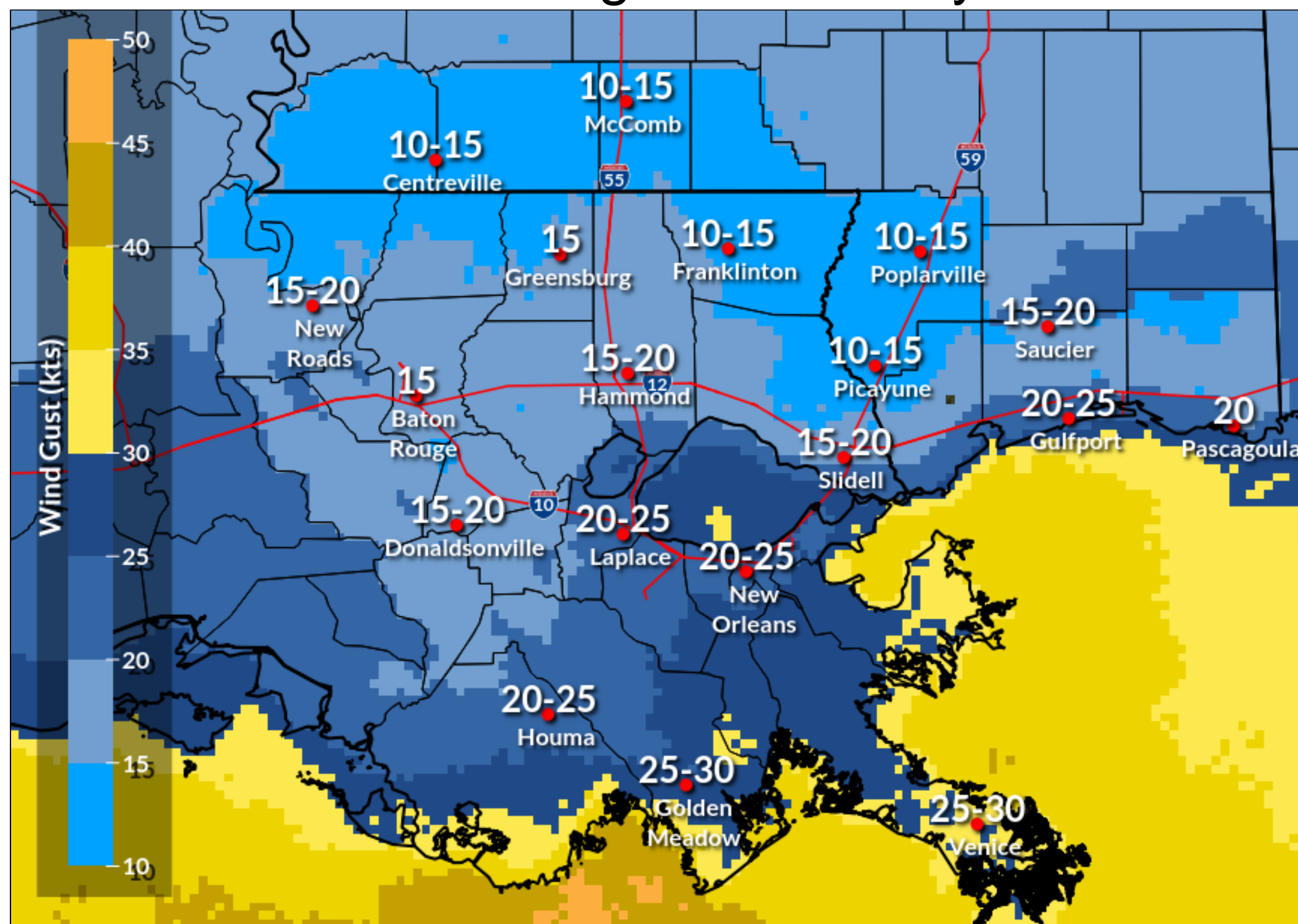


- Generally 1-3" of additional rain is forecast through Tuesday
- Most of the rain will fall today and tomorrow
- Locally higher amounts are likely, and could lead to ponding of water in low lying areas and areas of poor drainage, or isolated flash flooding

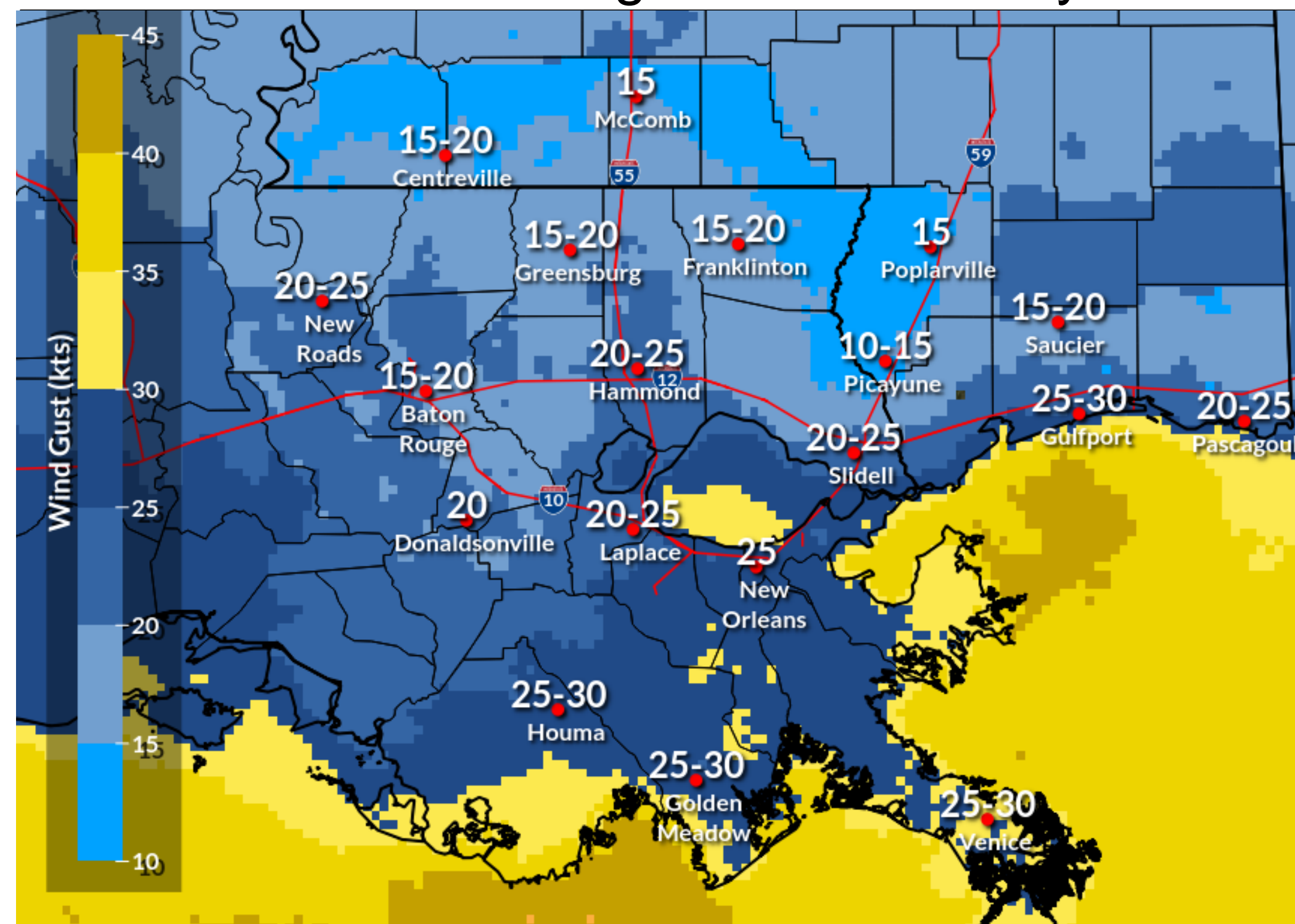


Gusty Winds Tuesday and Wednesday

Peak wind gusts Tuesday



Peak wind gusts Wednesday



- Winds will strengthen Tuesday and Wednesday as the broad low in the southwest Gulf becomes better organized
- Peak gusts could reach wind advisory criteria (40 mph) in some areas, mainly south of the tidal lakes on Wednesday



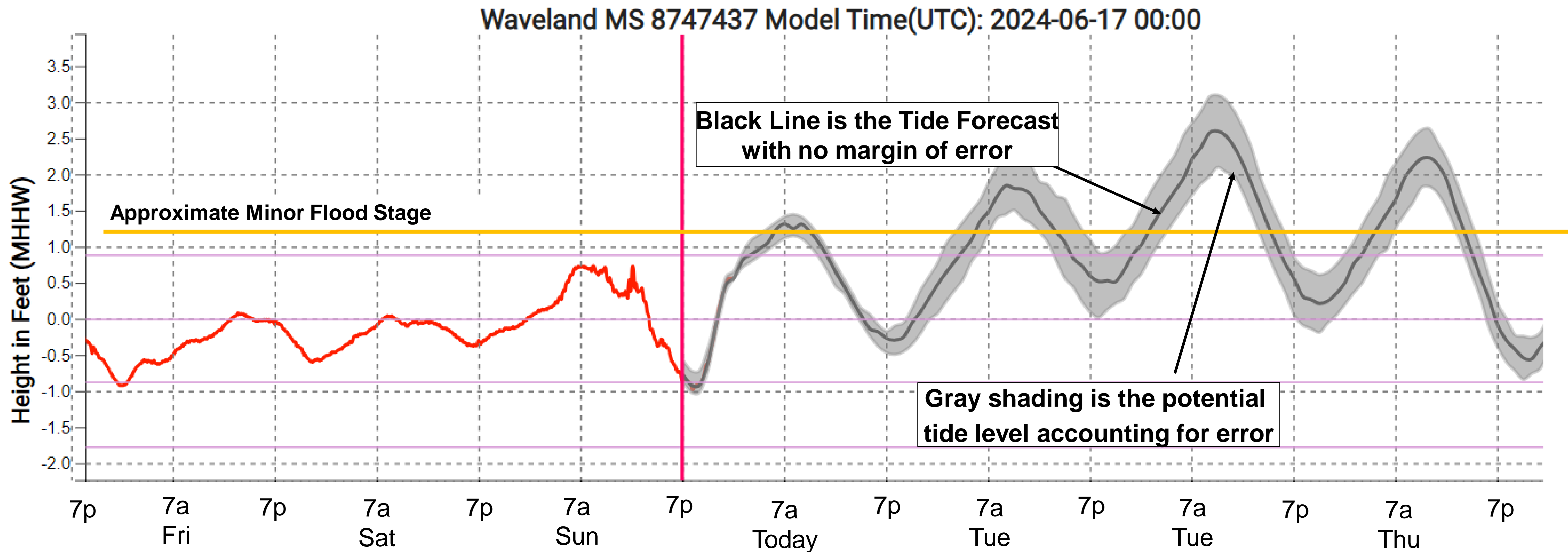
Coastal Flood Advisory – Tuesday and Wednesday



- The strengthening winds will cause tides to rise above normal and a coastal flood advisory has been issued for all of the open coast of SE LA and MS from 1am Tuesday through 4pm Wednesday
- Minor coastal flooding is possible during the high tide cycle Tuesday morning, with minor to moderate flooding possible with the high tide cycle Wednesday
- The advisory may be upgraded to a coastal flood warning in some areas for Wednesday's tide cycle



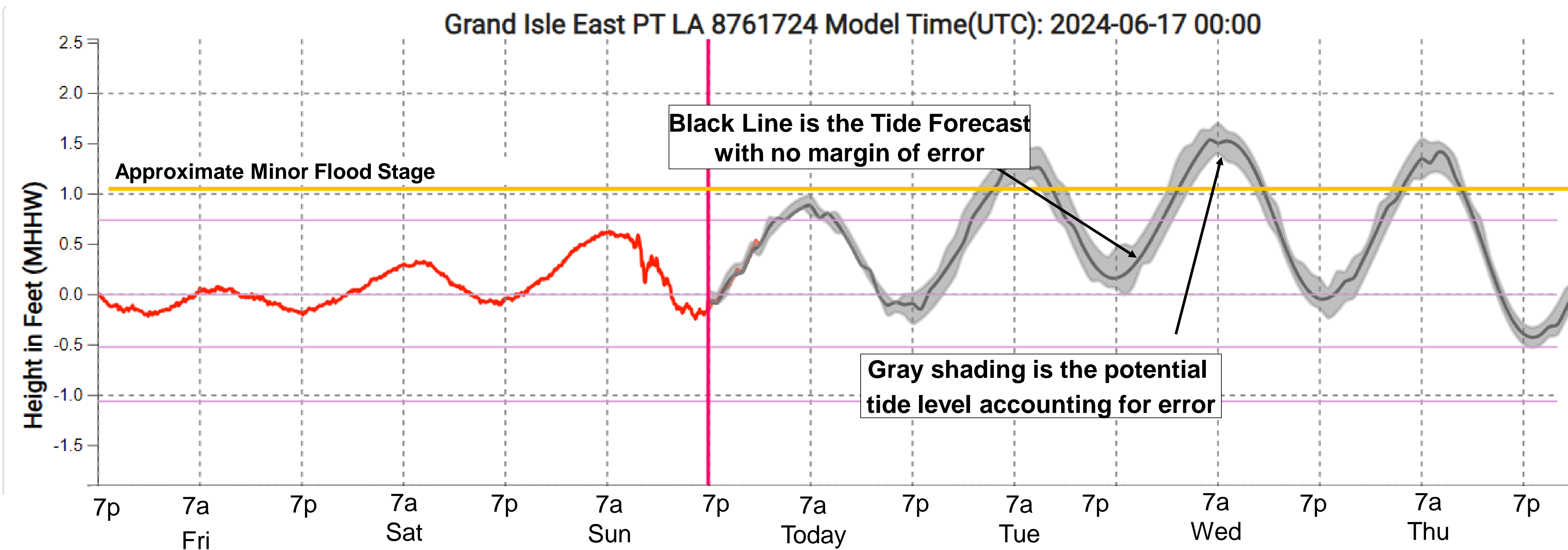
Tide Forecast - Waveland, MS



- Minor flooding is forecast Tuesday morning with minor to moderate flooding forecast Wednesday morning
- A few roads could become impassable, especially in the Shoreline Park area Wednesday morning, and a coastal flood warning may be needed



Tide Forecast – Grand Isle, LA



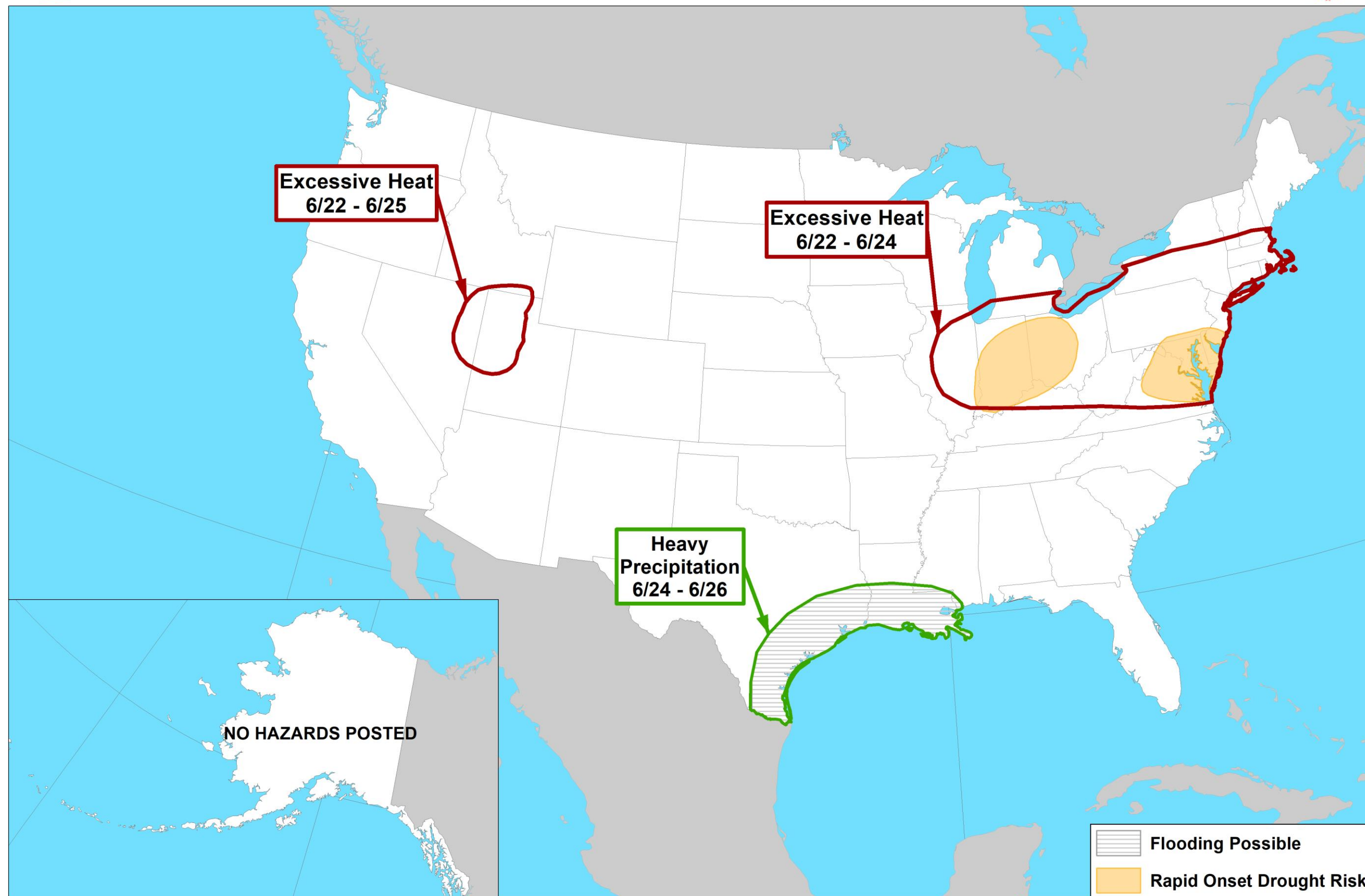
- Minor flooding is forecast both Tuesday and Wednesday mornings
- Water could begin to cover some low sections of Hwy 1 between Port Fourchon and Grand Isle Wednesday morning, and a coastal flood warning may be needed.



Day 8-14 Hazard Outlook



Day 8-14 U.S. Hazards Outlook
Valid: 06/22/2024-06/28/2024



Climate Prediction Center

Made: 06/14/2024 3PM EDT

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Looking ahead...

- Another plume of tropical moisture associated with a tropical wave is currently forecast to move through the area next weekend or early the following work week
- Heavy rainfall will again be possible



Summary of Impacts

Active weather will continue through midweek with multiple hazards possible.

1. Locally heavy rain may lead to isolated flash flooding impacts today.
2. Minor to potentially moderate coastal flooding impacts are expected in some areas along the open coast during the high tide cycles Tuesday and Wednesday.
3. Gusty winds may lead to minor impacts Tuesday and Wednesday as well, mainly south of the tidal lakes.



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)

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