



HURRICANE DELTA BRIEFING

4:00 PM CDT

Wednesday, October 7, 2020

Prepared by: WFO New Orleans/Baton Rouge

Changes from the previous update:

- No changes



- Hurricane Delta is expected to bring potentially significant impacts to the area late this week
 - Hurricane Watches, Tropical Storm Watches, and Storm Surge Watches have been issued.
- While there is still uncertainty in the exact magnitude of impacts, the current track and intensity forecast would lead to:
 - Potentially life-threatening storm surge
 - Widespread damaging winds
 - Heavy rainfall and potential for both flash flooding and river flooding

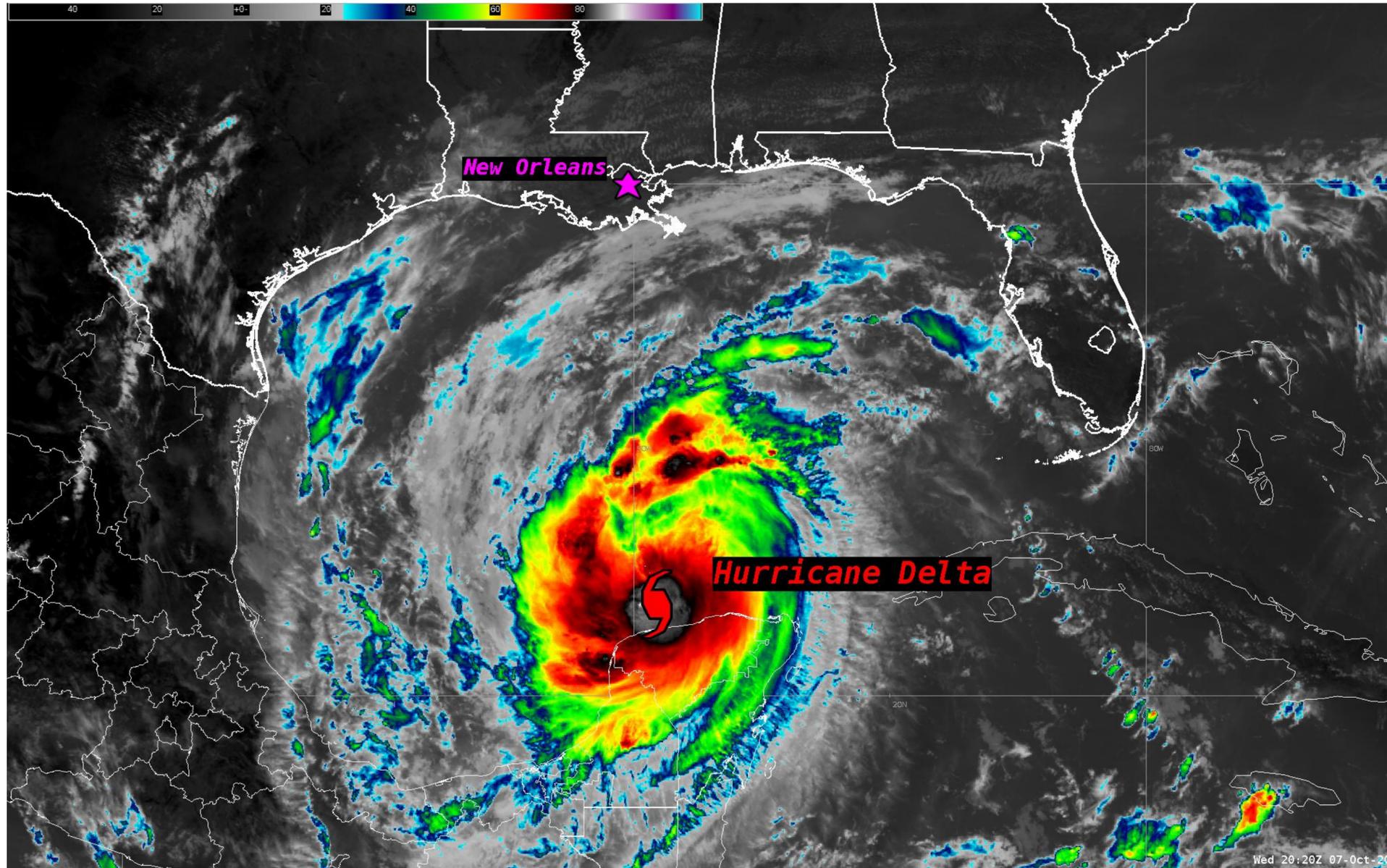
Current Satellite View

Hurricane Delta



New Orleans/Baton Rouge

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- Hurricane Delta is moving toward the Gulf of Mexico and is currently a Category I hurricane with max winds of 85 mph.

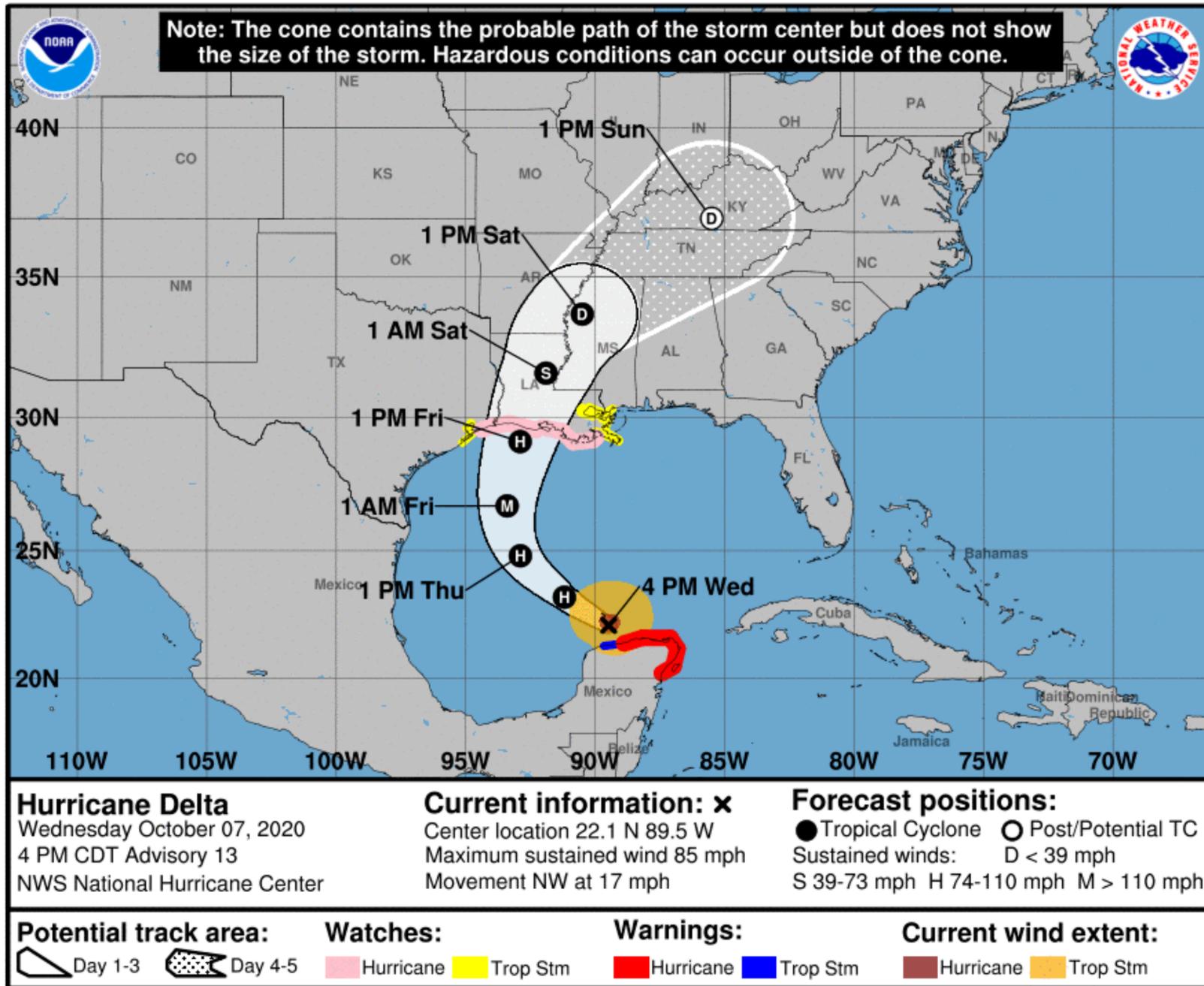
Situation Overview



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Hurricane Delta



- Delta is currently a category I hurricane and is moving in the Gulf of Mexico.
- A northwest track will continue into the central Gulf later this afternoon, before turning more northward late in the week
- There is still some uncertainty in the track, but more so the intensity and anticipated impacts in the northern Gulf region. Main question is where and when Delta begins its north and then northeast turn and how strong it will be as it approaches the northern Gulf coast.

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

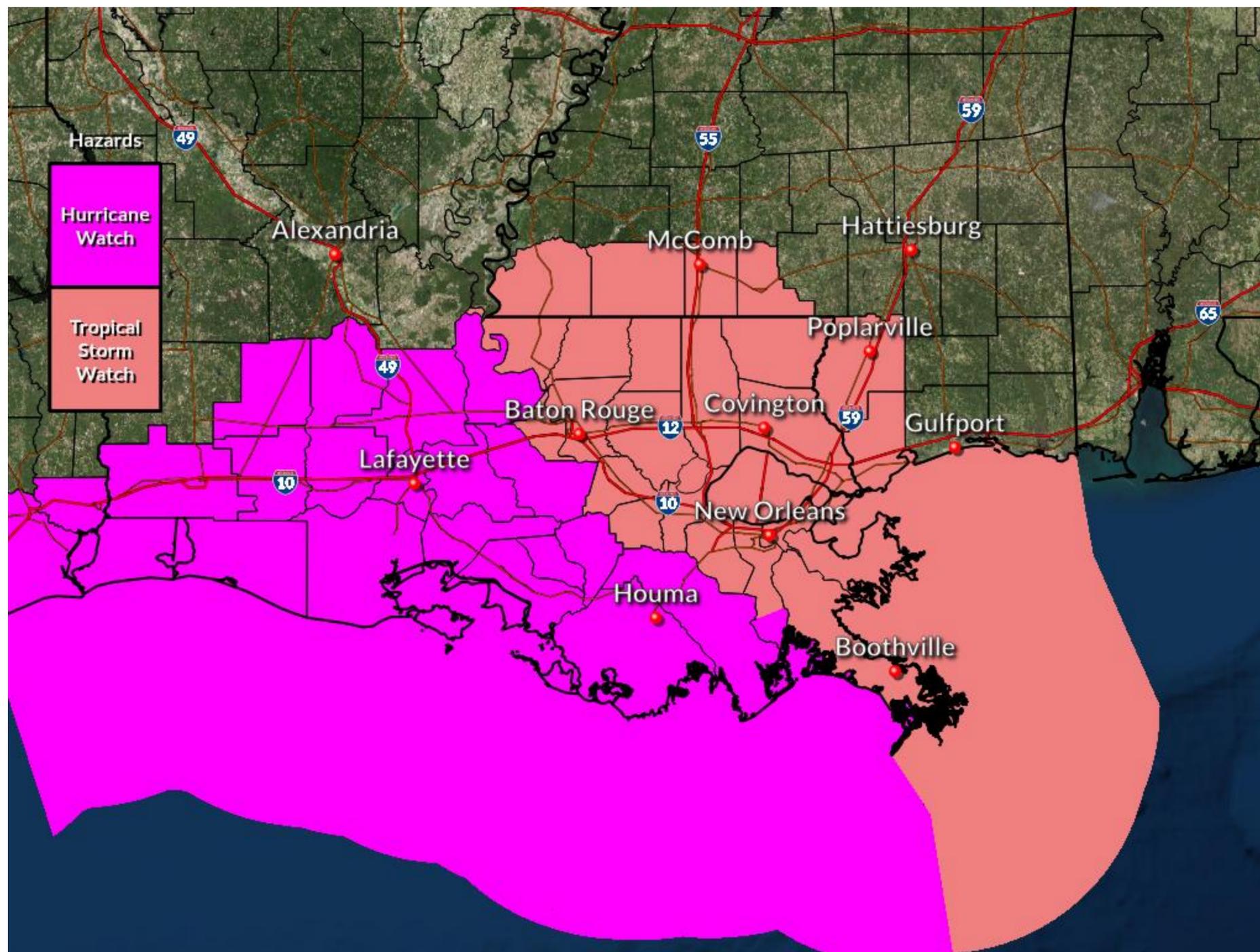
Current Watches and Warnings



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Hurricane Delta



- Hurricane Watch in effect along the Atchafalaya Basin and coastal Louisiana up to Grand Isle
- Tropical Storm Watch in effect for the rest of SE LA and S MS eastward, which includes Baton Rouge metro, New Orleans metro, S MS Counties, Pearl River, and Hancock County

Earliest Reasonable Time of Arrival

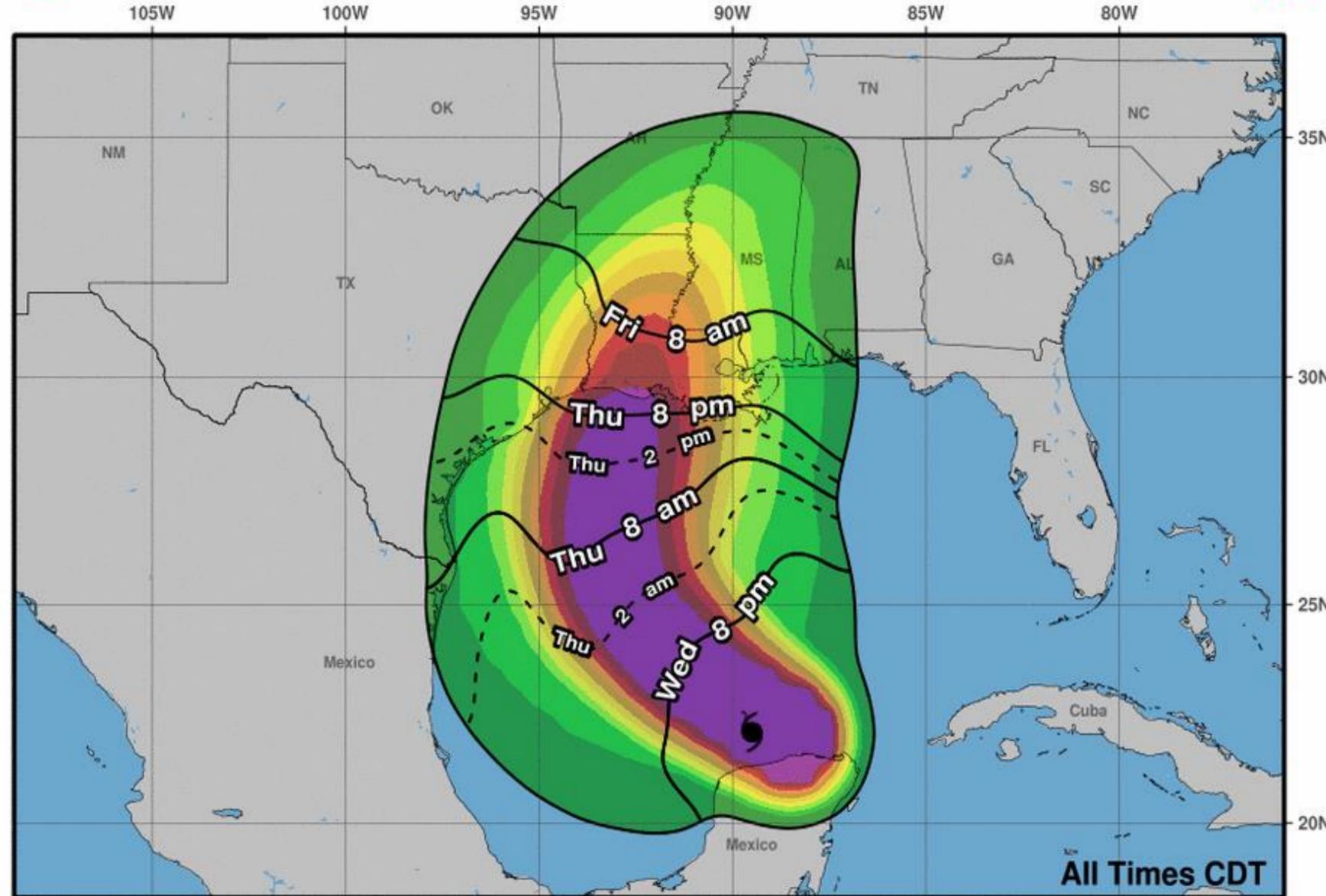
Hurricane Delta



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Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



Hurricane Delta
Wed. Oct. 7, 2020 4 pm CDT
Advisory 13

Storm Location ○ < 34 kt (39 mph)
& ○ 34-63 kt (39-73 mph)
Wind Speed ● ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds
5 10 20 30 40 50 60 70 80 90 100 %

- Sustained tropical storm force winds could arrive at the coast as early as Thursday evening.
- Sustained tropical storm force winds are most likely to arrive at the coast Friday morning.

Storm Surge Watch/Warning

Hurricane Delta

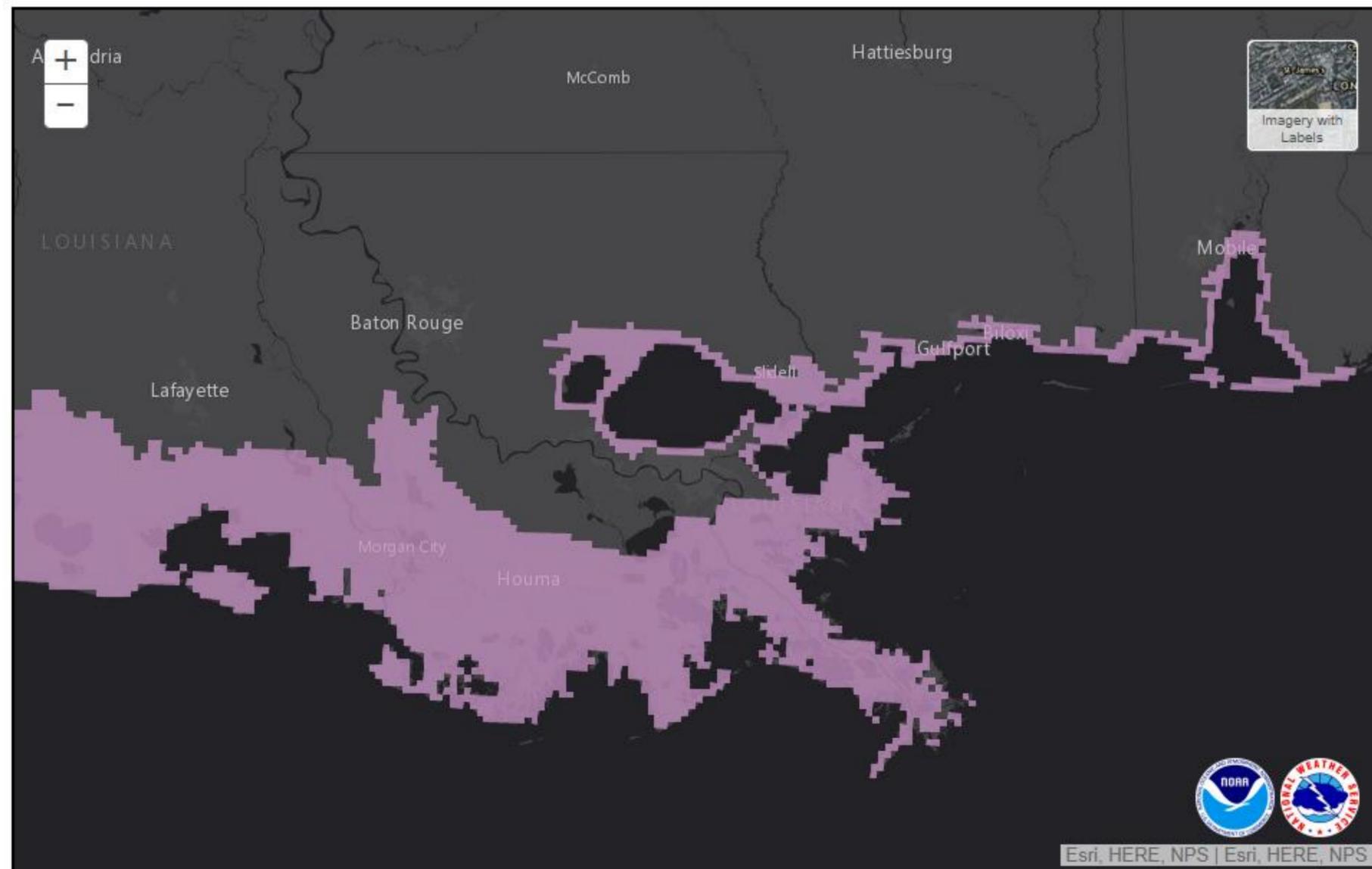


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Storm Surge Watch/Warning Graphic*

Hurricane Delta
Advisory 013 Issued: 4:00 PM CDT Wed Oct 7



- Storm Surge Watch in effect for our entire coastal area

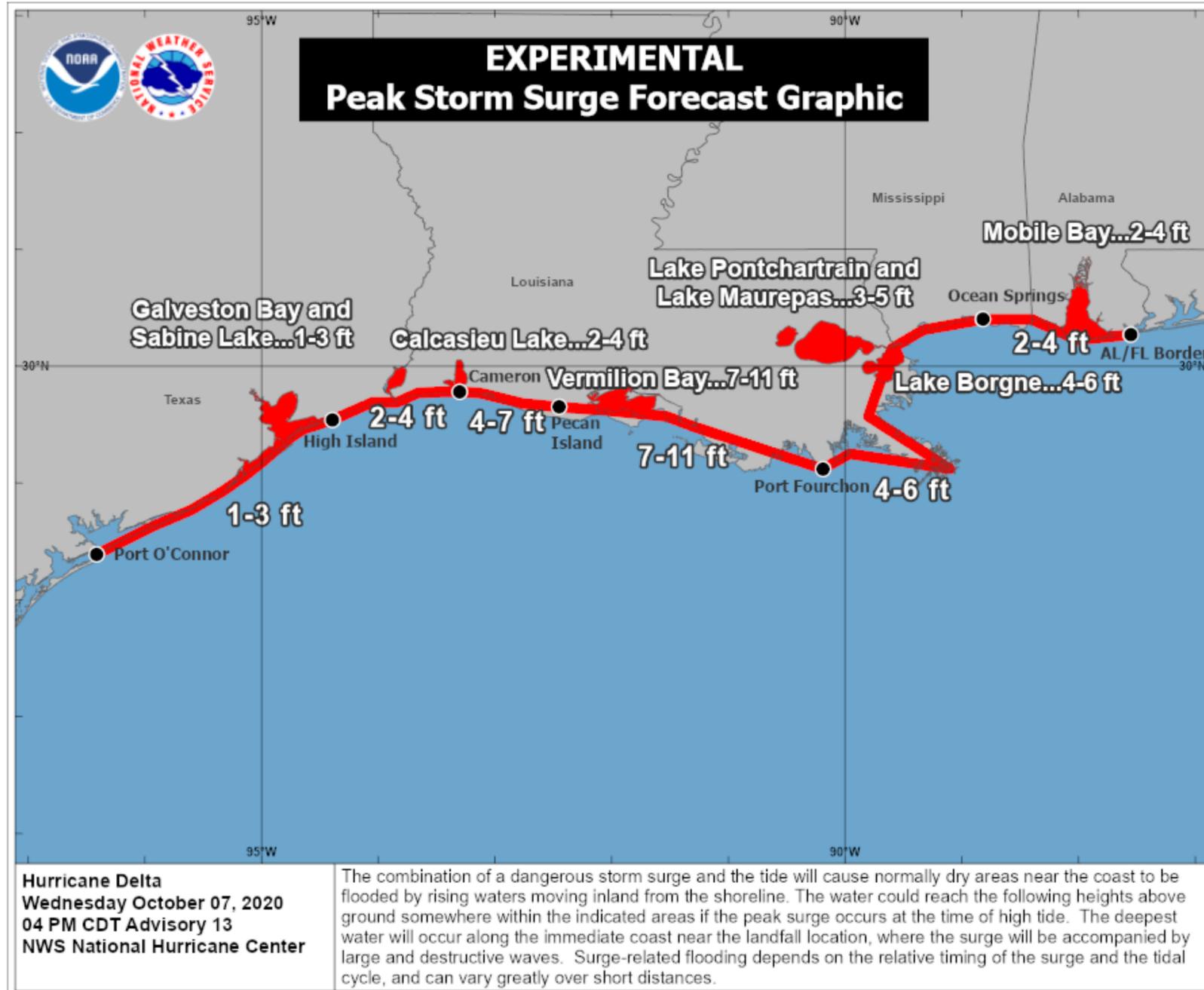
Potential Storm Surge Impacts



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Hurricane Delta



There is a potential for:

- 7-11 feet of inundation: Pecan Island to Port Fourchon
- 4-6 feet of inundation: Port Fourchon to Ocean Springs, including Lake Borgne
- 3-5 feet of inundation: Lake Pontchartrain and Maurepas
- 2-4 feet of inundation: Ocean Springs to the AL/FL State Line

Timing:

- Storm surge inundation could begin as early as Thursday Night and begin improving Saturday

Expected Storm Total Rainfall

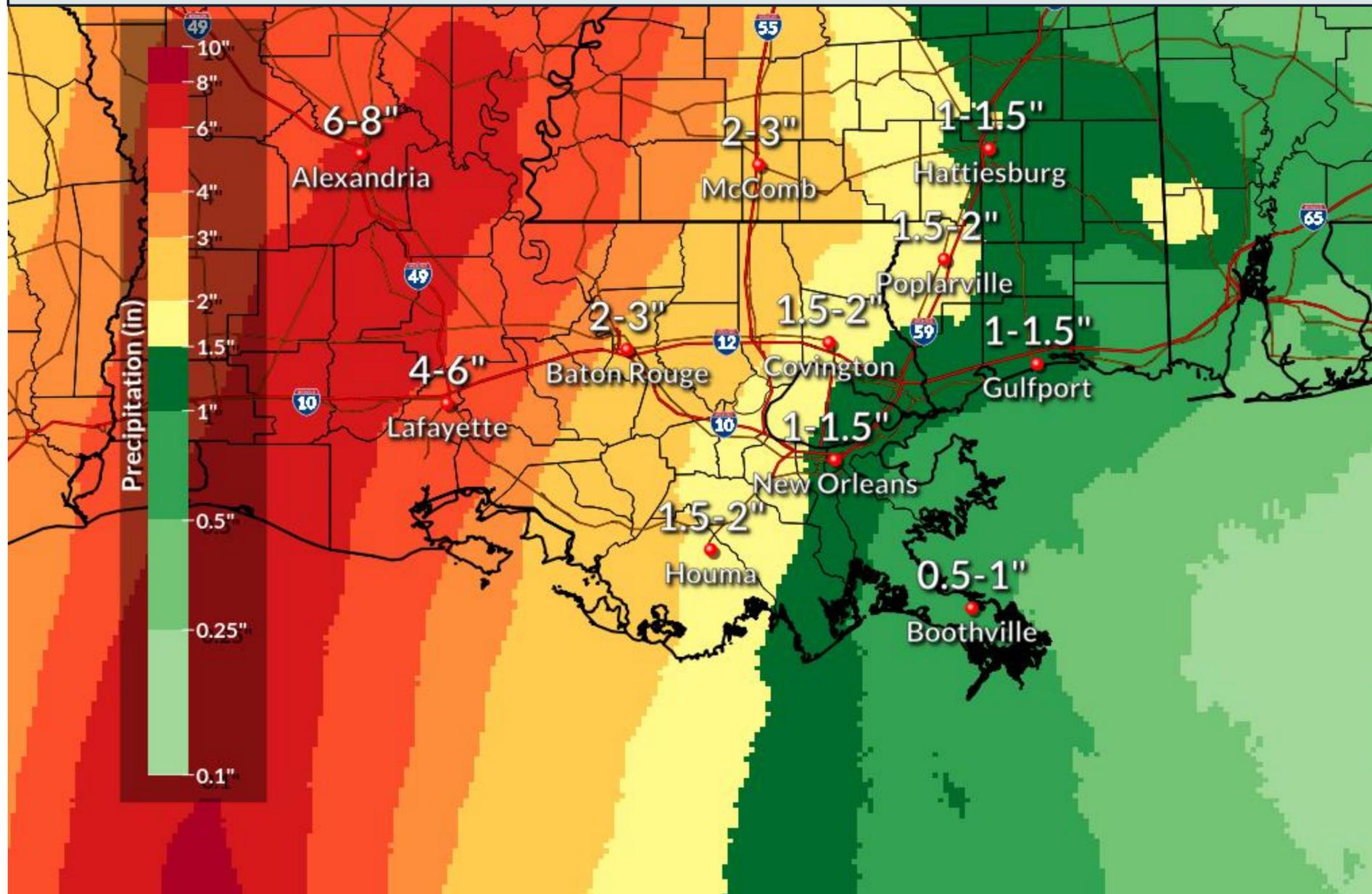
Hurricane Delta



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Note: Don't focus on exact amounts. The area of heaviest rainfall could still shift, resulting in higher or lower amounts across SE LA and S MS.



- Storm Total rainfall forecast valid now through Saturday
- Locally, most rain will occur Friday through Saturday
- Generally 4-8" of rain is forecast for areas west of I-55 and north of I-10 in Southeast Louisiana and Southern Mississippi. Less than 4" of rainfall is forecast for the remainder of Southeast Louisiana and Southern Mississippi. Locally higher amounts will be possible where heavy rain bands develop.
- The area at greatest risk for flash flooding will depend on where any bands result in a prolonged period of heavy rainfall.

Excessive Rainfall Outlook

Hurricane Delta

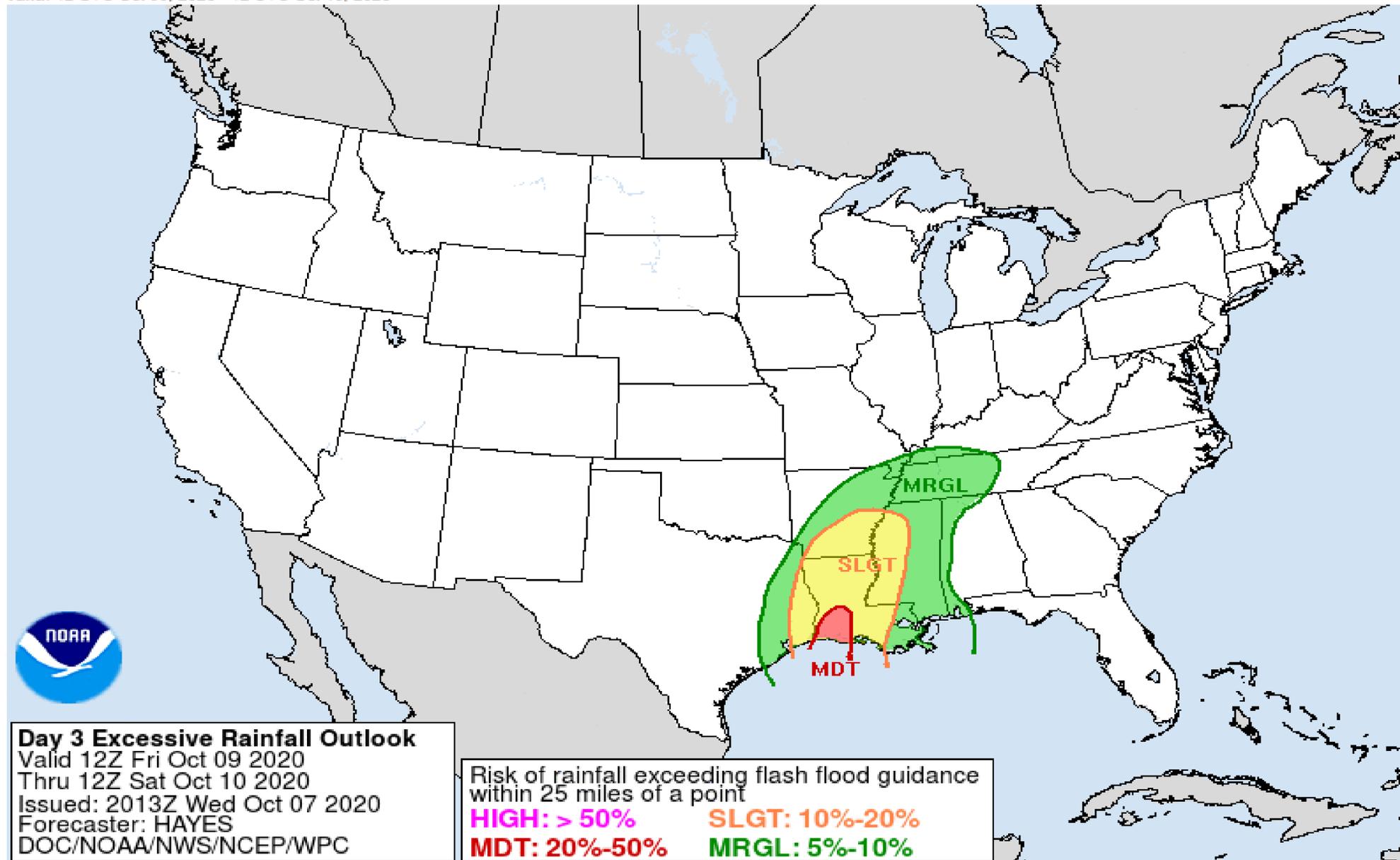


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Excessive Rainfall Outlook Valid Friday

Updated: 2015 UTC Wed Oct 7, 2020
Valid: 12 UTC Oct 09, 2020 - 12 UTC Oct 10, 2020



- Highest risk of rainfall that could produce flash flooding will be generally west of the I-55 corridor Friday into Friday night.

Flash Flood Watch

Hurricane Delta



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- Flash Flood Watch in effect from 7PM Thursday through 1PM Saturday

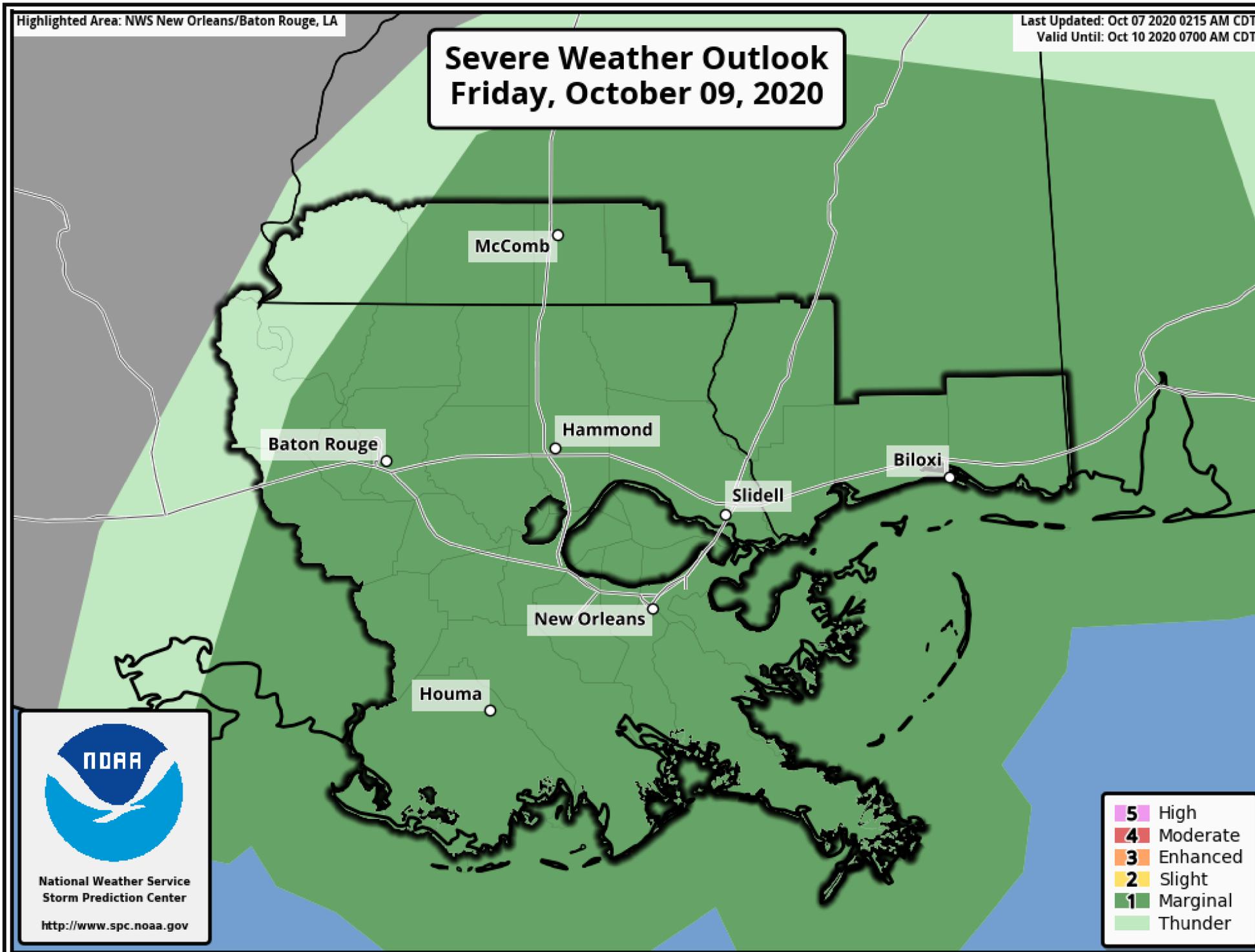
Tornado Potential

Hurricane Delta



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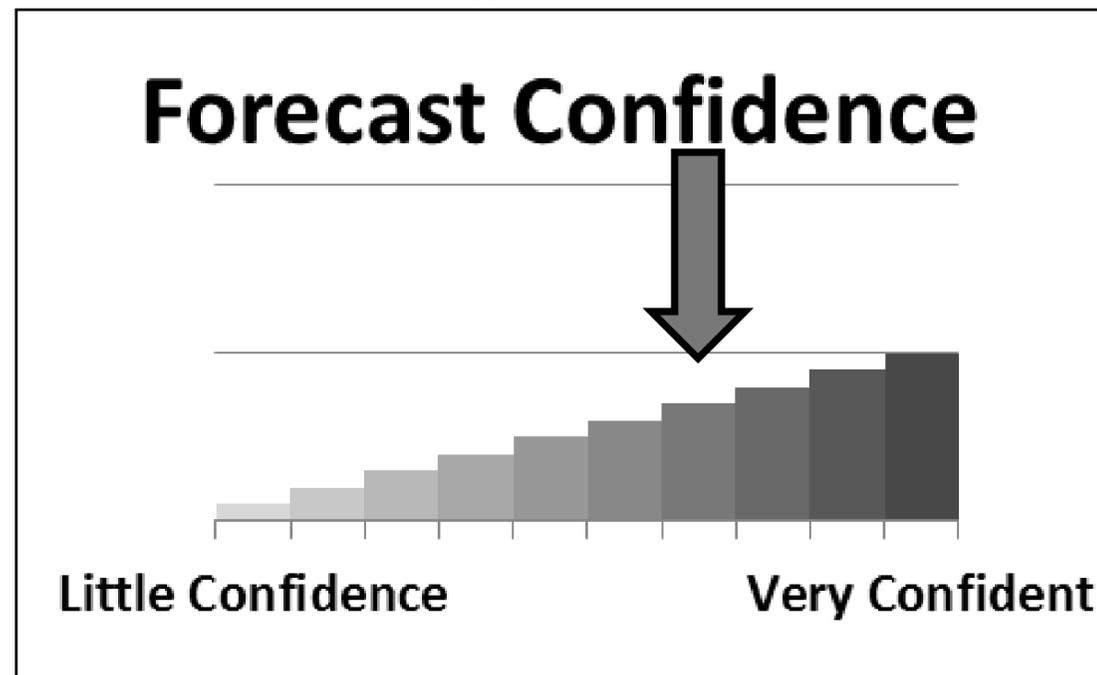
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- Main threat of tornadoes would be from late Thursday night to Saturday morning.



- Hurricane Delta is expected to bring impacts from storm surge, winds and heavy rainfall to the northern Gulf Coast region late in the week.
- There is still considerable uncertainty in specific impacts. Key will be how strong Delta becomes and when and where it begins to slow down and make its turn to the north and eventually northeast. It is important to continue monitoring the latest forecasts for any changes in expected impacts.



We are confident Delta will bring impacts to the area, but have far less confidence in the exact magnitude of the impacts.



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



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