



# SEVERE WEATHER BRIEFING

7:00 AM CST

Wednesday, February 8, 2023

Prepared by:

NWS New Orleans/Baton Rouge



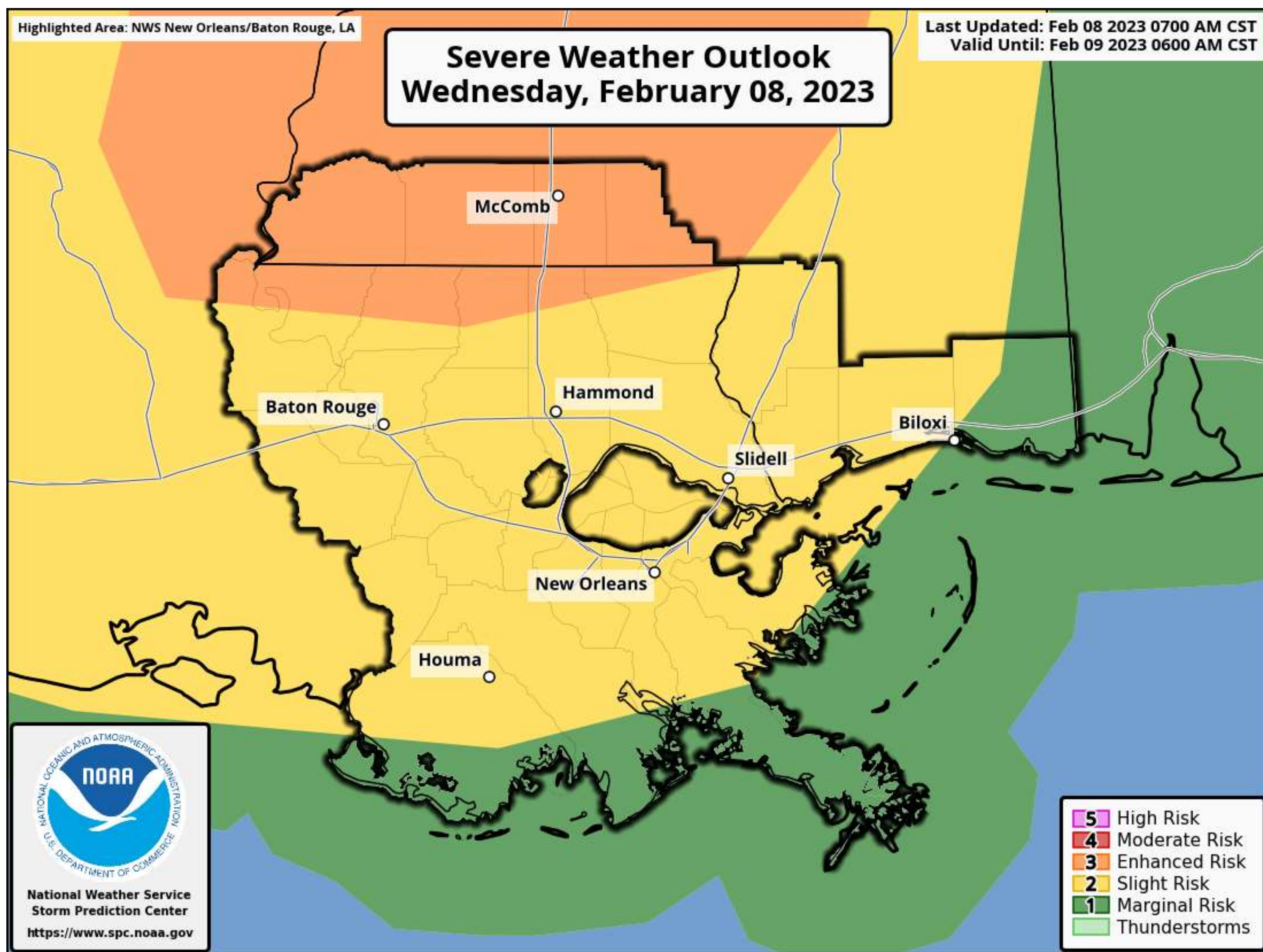
# Situation Overview

- Severe Weather Potential
  - Enhanced Risk for severe weather (Level 3 of 5) for southwest MS and in the adjacent Florida parishes
  - Slight Risk for severe weather (Level 2 of 5) for most of the rest of the area
  - Now looks like possible 2 rounds of storms.
    - 1<sup>st</sup> (***SOME UNCERTAINTY if this does occur but increases the impacts***) over SELA and move into southern MS this afternoon and early evening if storms develop to the west and southwest of the area around midday.
    - 2<sup>nd</sup> (Higher confidence this occurs) associated with the cold front that will move into the area late this evening and slowly push through most of the area before sunrise.
- Marginal Risk for excessive rainfall (Level 1 of 4).
  - Widespread 1 to 3 inches of rain with locally higher amounts expected.
    - There is some concern as locally heavy rain may overachieve if very specific outcomes occur together (like the 2 separate rounds of storms and if the cold front tries to stall near the coast tomorrow morning)





# Severe Weather Outlook – Today

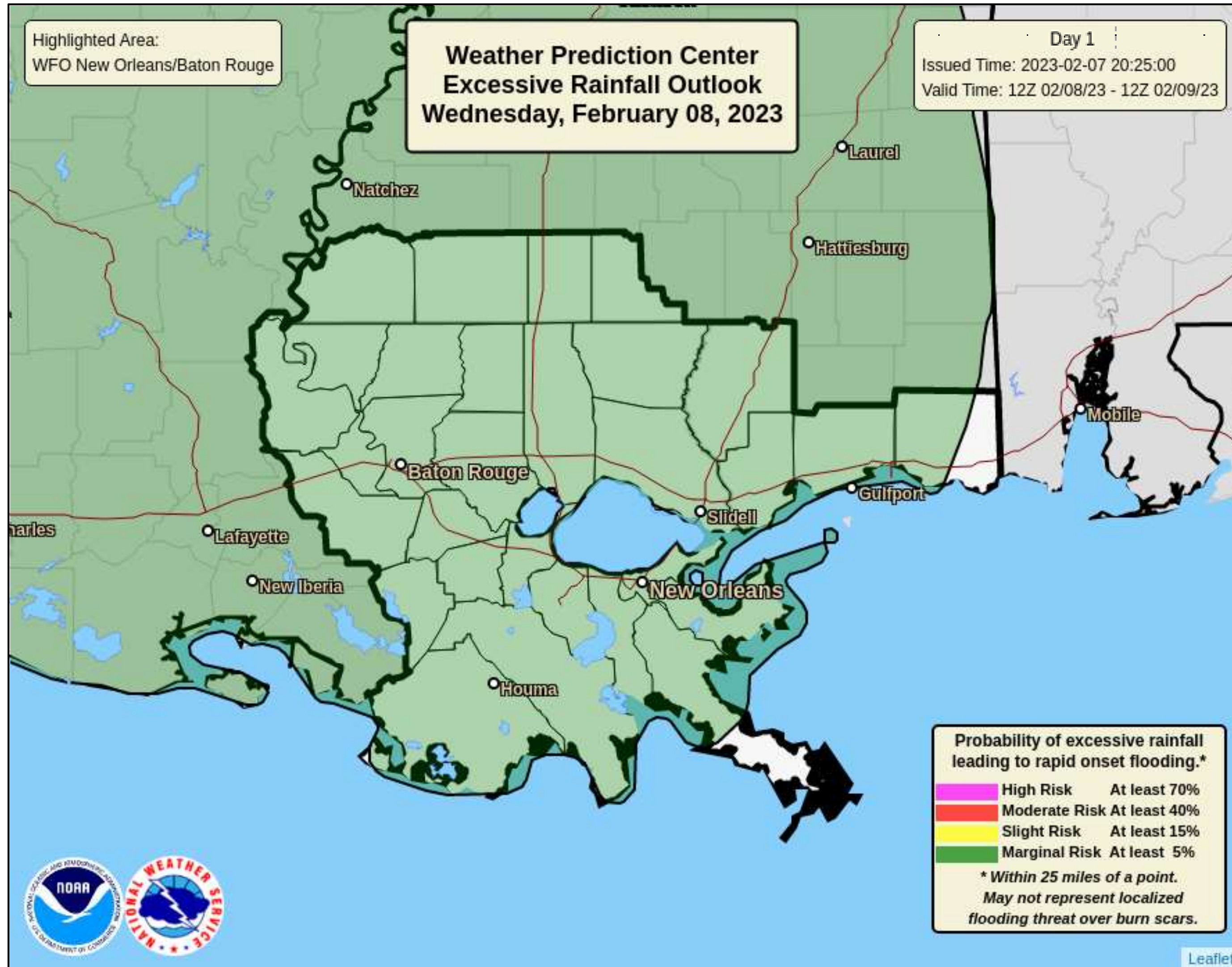


- Enhanced Risk southwest MS and just across the border into the Florida parishes (Level 3 of 5).
  - Damaging winds
  - Highest risk for tornadoes in this area
    - especially if storms develop this afternoon well ahead of the cold front.
- Slight Risk covers most of the rest of the area (Level 2 of 5)
  - Damaging wind gusts and tornadoes have the greater potential to occur but all forms of severe weather are possible.



# Excessive Rainfall Outlook

Today and Tonight

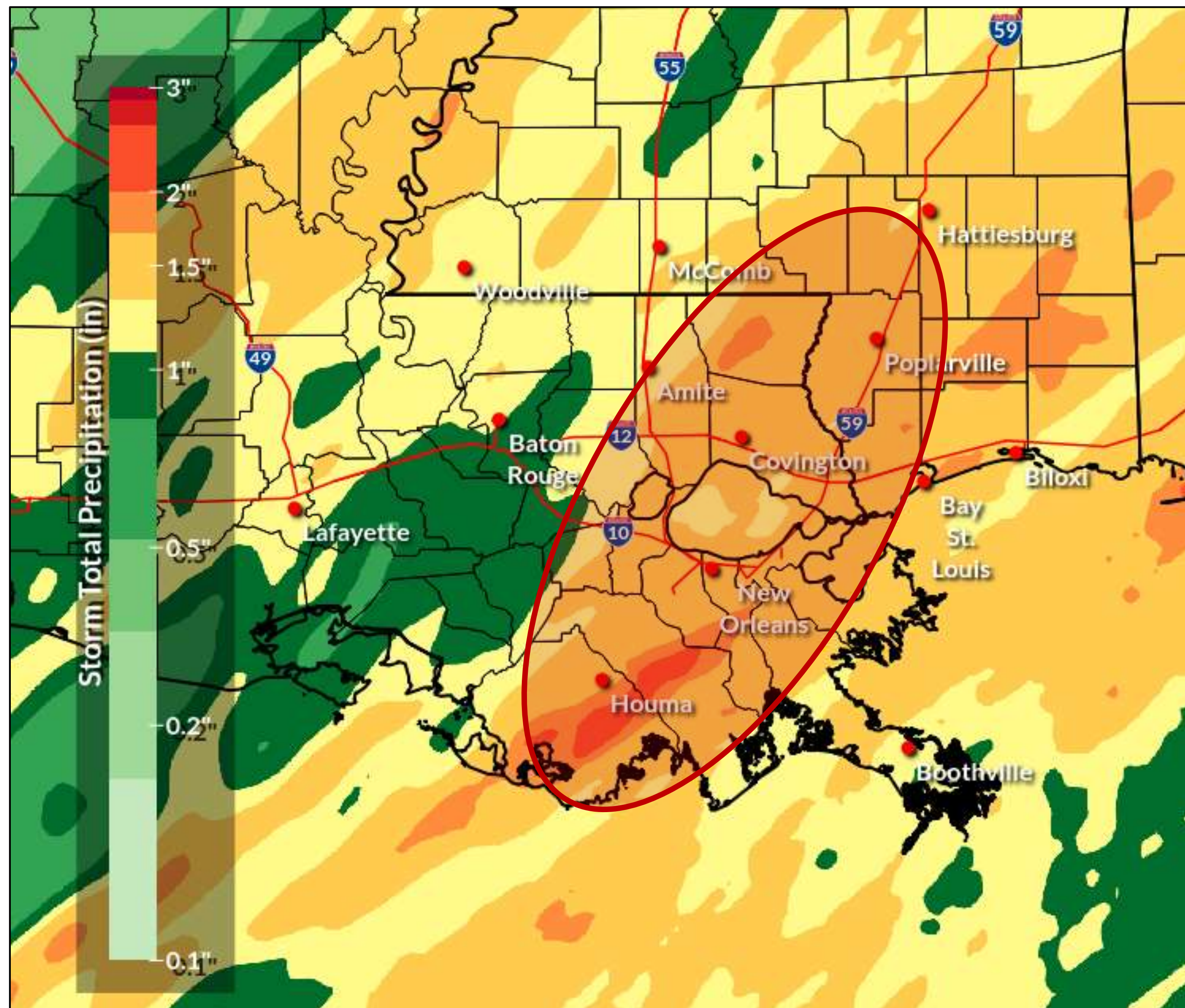


- Marginal Risk for Excessive Rain (Level 1 of 4)
- Widespread 1 to 3 inches of rain with locally higher amounts expected
- Could be 2 different rounds of storms but the storms associated with the cold front could linger over the southeastern portions of the area early Thursday



# Storm Total Rainfall Forecast

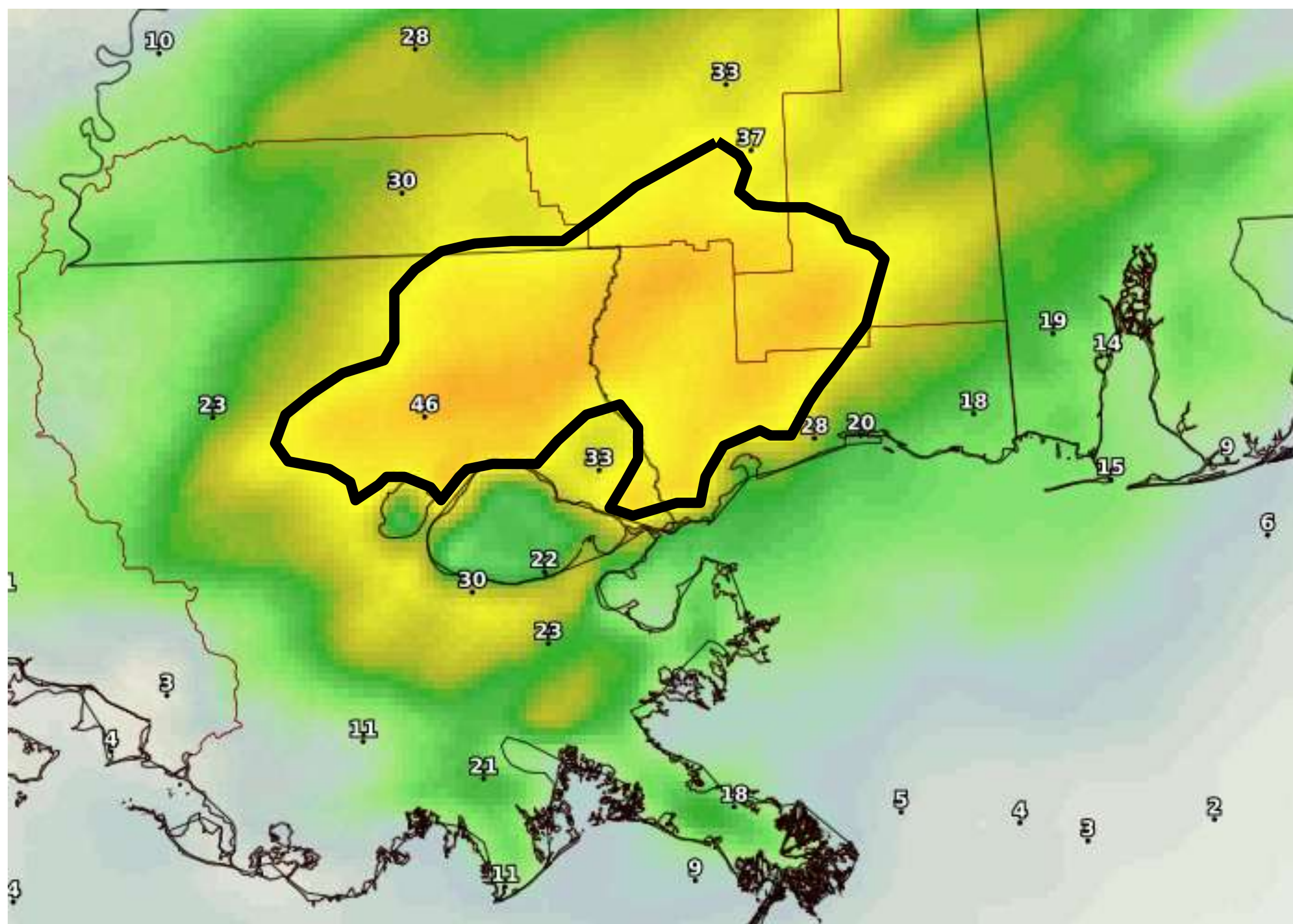
Today through Thursday morning



- Locally heavy rain expected and storms could be rather efficient
- Overall widespread rainfall of 1 to 3" with locally higher amounts expected.
  - Greatest area of concern in the shaded area. 2 rounds of storms could impact the area
  - 1<sup>st</sup> round could be this afternoon and early evening as storms develop southwest of the area in move through SELA and into coastal MS.
  - 2<sup>nd</sup> will be with the cold front which will slow down after midnight and could even stall close to the MS and LA coast. Storms would likely train over those areas.

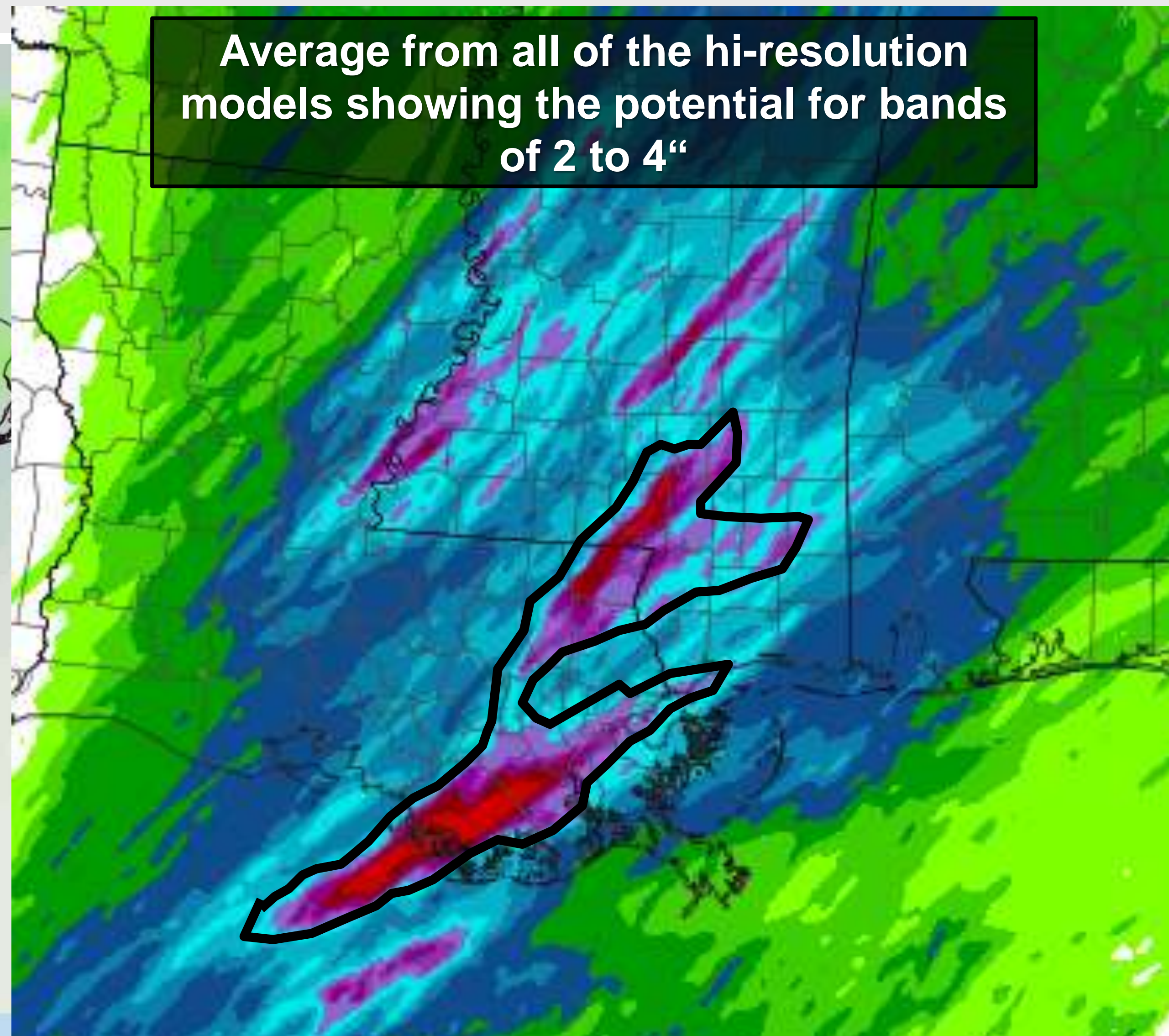


# Rainfall Potential

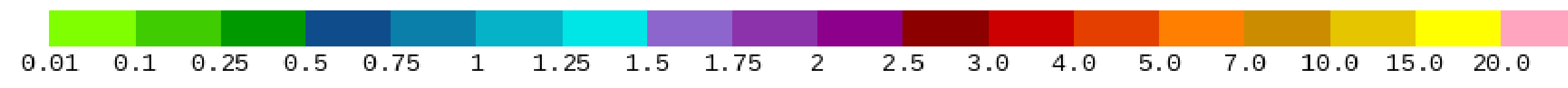


Probabilities that greater than 2 inches of rain could occur; from the NBM

Large area of 35% and higher (circled area)

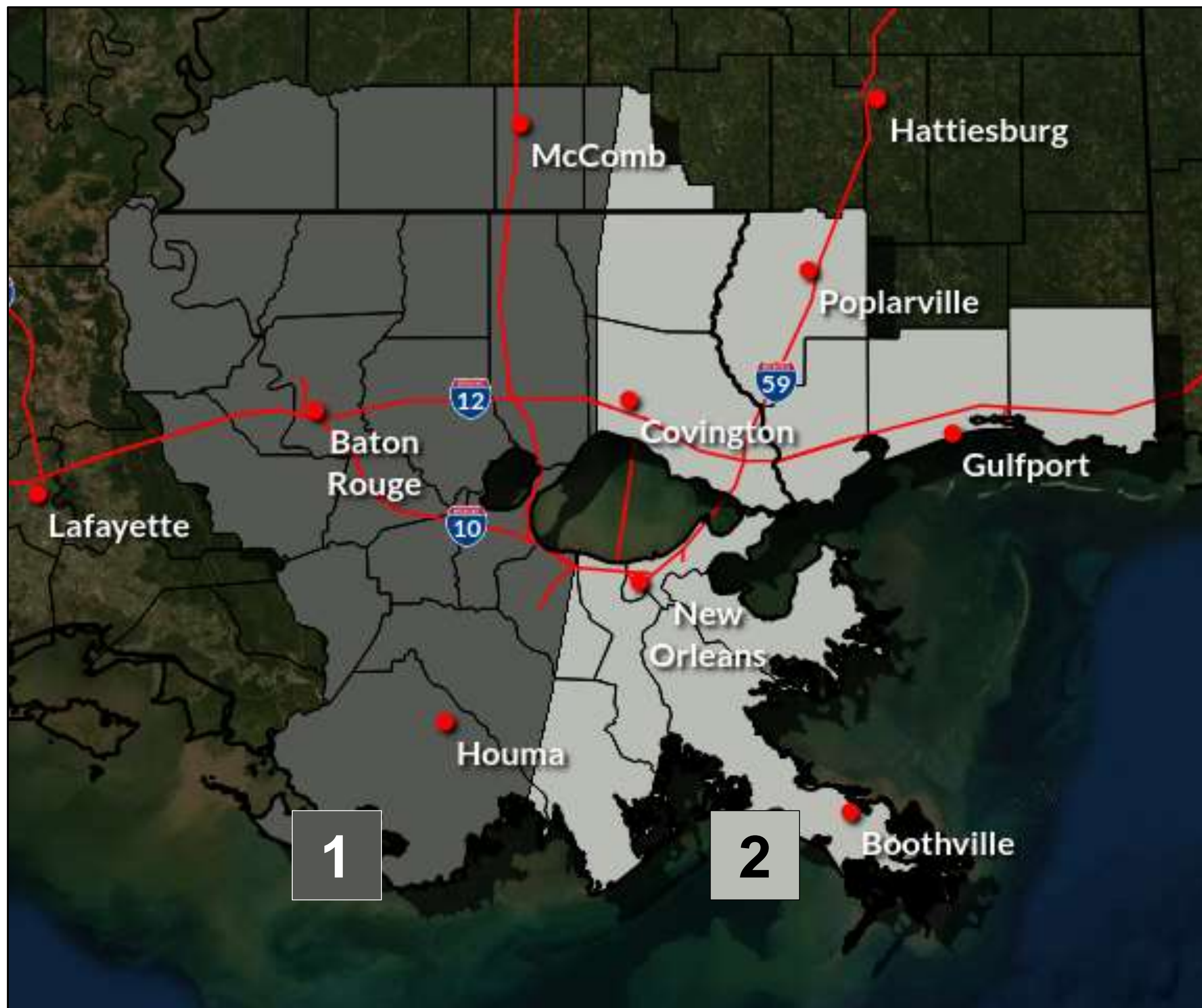


Average from all of the hi-resolution models showing the potential for bands of 2 to 4"





# Timing



1	<ul style="list-style-type: none"> <li>• <b>1<sup>st</sup> round</b> (if this occurs) 1pm to 7pm</li> <li>• <b>2<sup>nd</sup> round</b> (with the cold front) 7pm through 2am</li> </ul>
2	<ul style="list-style-type: none"> <li>• <b>1<sup>st</sup> round</b> (if this occurs) 3pm to 12am (midnight)</li> <li>• <b>2<sup>nd</sup> round*</b> (with the cold front) 11pm through 7am</li> </ul> <p>* (possibly crossing I-55 before the 1<sup>st</sup> round exits coastal MS or dissipates)</p>





# Summary of Impacts

- Tricky and uncertain forecast
- Slight Risk for severe storms (Level 2 of 5) could see a small portion of it in our area upgraded to an Enhanced
  - Possibly 2 separate rounds of storms; 1<sup>st</sup> if it develops would be during the afternoon and evening hours; 2<sup>nd</sup> will be with the cold front tonight.
- Marginal Risk for excessive rainfall
  - Widespread 1 to 3” of rainfall with locally higher amounts expected
    - Small chance that the rain could overachieve especially if the 2 rounds of storms develop with multiple storms moving across the same location multiple times
  - Cold front could slow down significantly with rain, possibly heavy lingering after sunrise Thursday



## Questions?

Contact WFO New Orleans at  
504-522-7330 or 985-649-0429  
or through the “LIXchat” NWSChatroom

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