



TROPICAL STORM NATE BRIEFING

10:30 AM CDT
Friday, October 06, 2017

Prepared by:
NWS New Orleans



Situation Overview



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Tropical Storm Nate



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

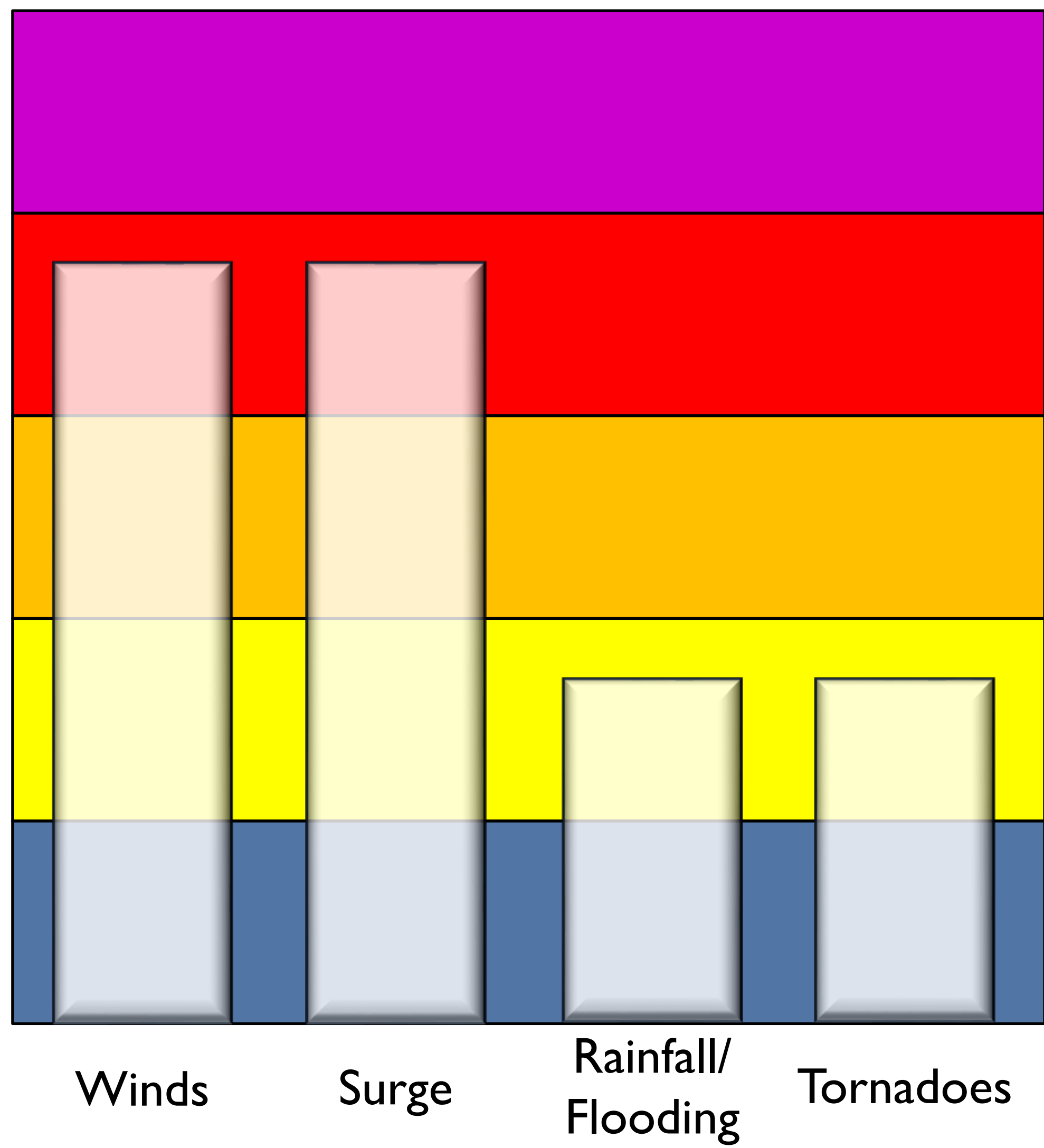
- Track forecast has shifted slightly eastward.
- Hurricane Watch as been upgraded to hurricane warning along the open coastline, and a Tropical Storm Warning has been added around the tidal lakes.
- Storm Surge Watch has been upgraded to Storm Surge Warning

Threat Levels



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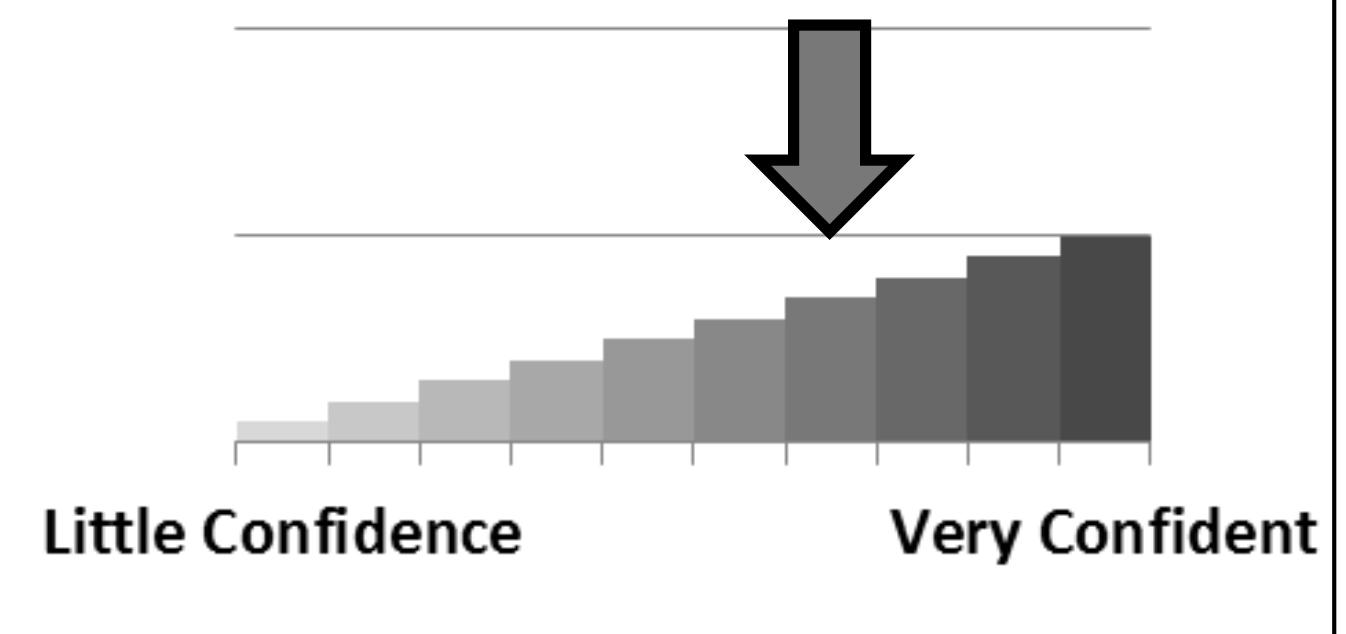
Tropical Storm Nate



Threat Level

- Extreme
- High
- Moderate
- Low
- None

Forecast Confidence



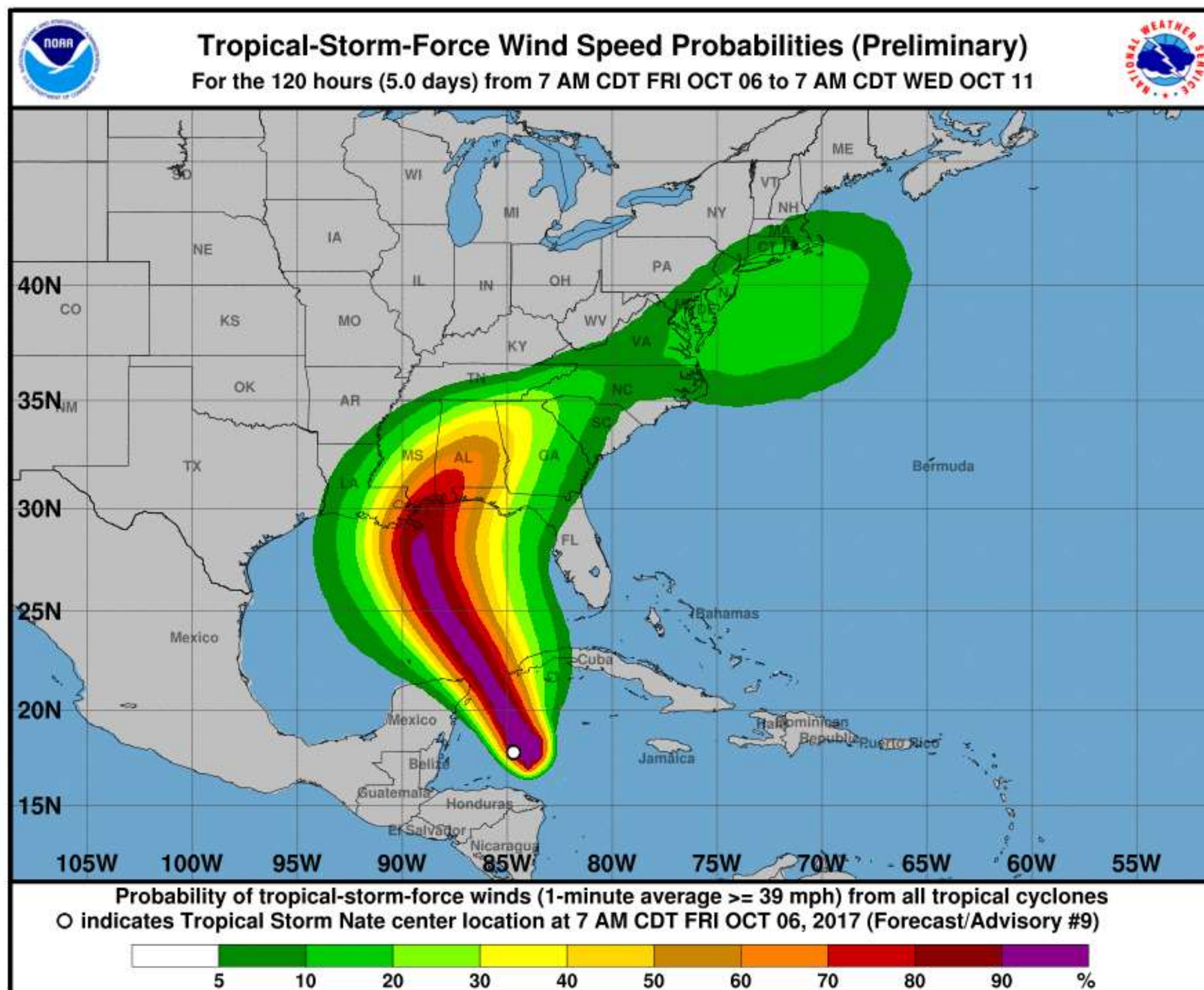
Wind Speed Probabilities



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- Chance of tropical storm force winds has remained roughly the same, with a slight increase along the immediate coast of extreme southeast Louisiana and Mississippi.
- Tropical Storm conditions could begin as early as Saturday afternoon across southernmost coastal areas. Most likely arrival of tropical storm force winds is late Saturday.
- Tropical Storm Winds likely late Saturday night and Sunday with Hurricane force wind gusts

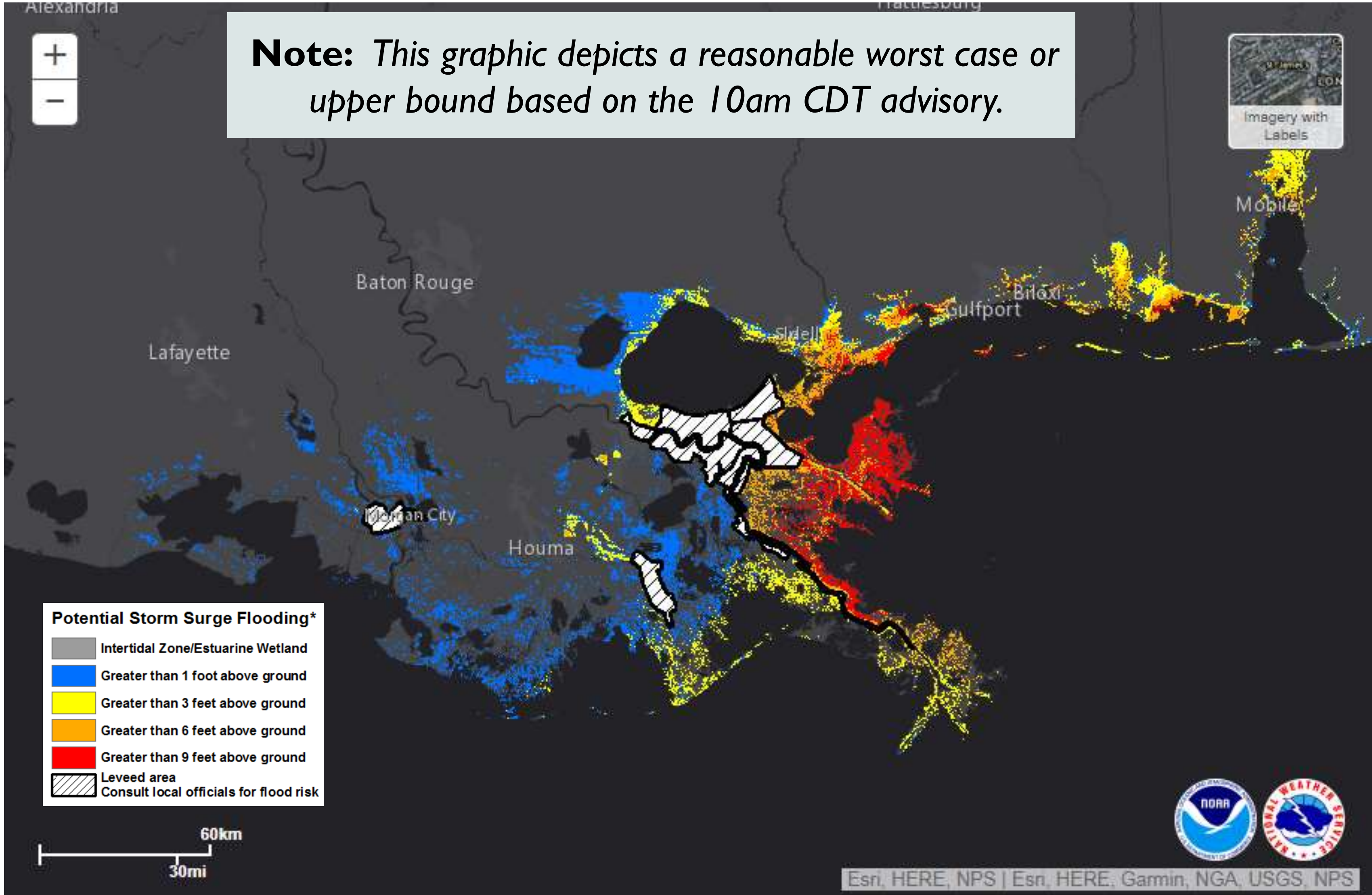
Potential Storm Surge Flooding



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Note: This graphic depicts a reasonable worst case or upper bound based on the 10am CDT advisory.

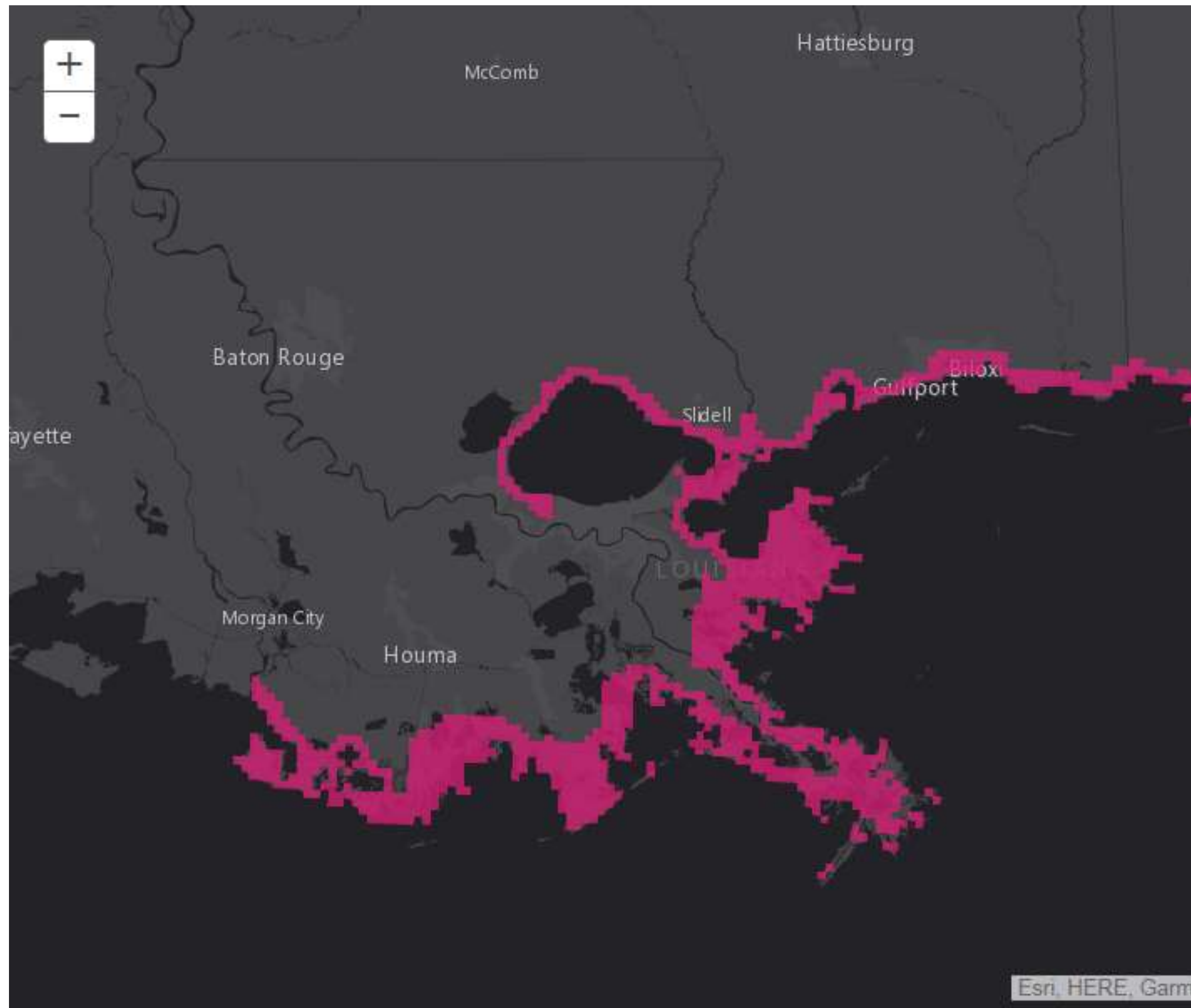


Storm Surge Warning



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- A Storm Surge Warning is now in effect all coastal areas along the Gulf of Mexico and Lake Pontchartrain, excluding areas inside the federal risk reduction system
- Danger of life-threatening inundation from storm surge somewhere within the specified area within 36 hours.

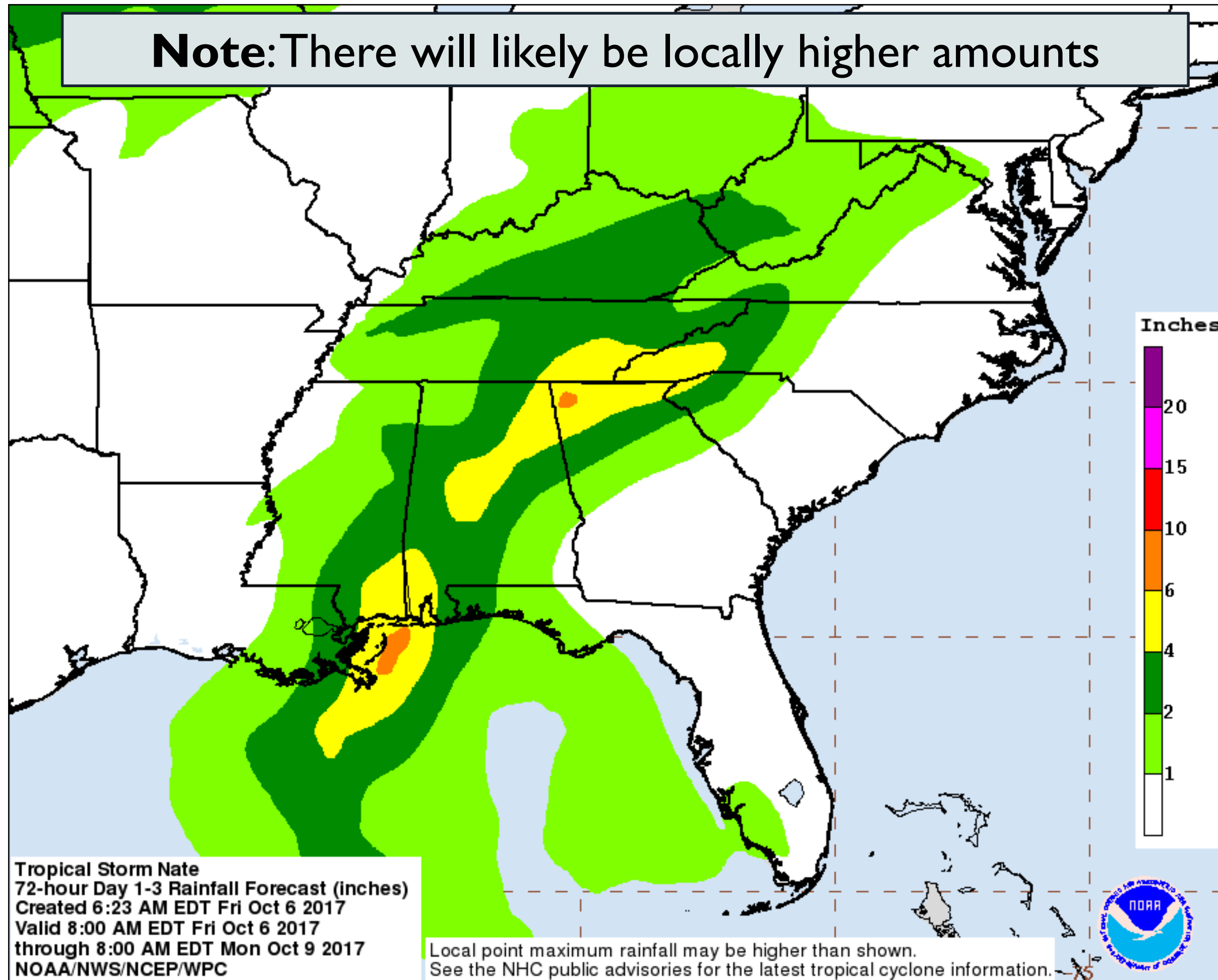
Expected Storm Total Rainfall



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- Rainfall forecast from 7 PM this evening through 7 PM Sunday
 - Locally, most rain will occur Saturday and Sunday



Summary of Impacts



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Tropical Storm Nate

- **Wind** – Current track places greatest chance of TS force winds across extreme SE LA and S MS. Late Saturday through Sunday is the time of greatest threat.
 - Tropical Storm Force winds likely with hurricane force winds (especially gusts) possible on late Saturday into Sunday.
- **Rainfall** – Dry through the remainder of today
 - Squalls likely developing late Saturday and continuing into Sunday.
 - Rainfall of 3 to 6 inches near and to the right of the storm center with decreasing amounts to the west
 - Fast movement does mean a lower threat of high rainfall totals, but shorter term rainfall rates could still result ponding



- **Surge** – A Storm Surge Warning is now in effect for the entire open coastline of the forecast area and along the shore of Lake Pontchartrain with the exception of areas inside the federal risk reduction system
 - Maximum inundation of 4 to 7 feet along the open coastline
 - Maximum inundation of 3 to 5 feet along the shore of Lake Pontchartrain
 - Maximum inundation of 1 to 3 feet along the shore of Lake Maurepas
 - **Impacts will be highly dependent on track. Impacts will be greatest along and to the right of the storm center.**



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Please contact WFO New Orleans at
504-522-7330 or 985-649-0429

You can get the latest graphics and information on this storm at www.hurricanes.gov



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www.weather.gov/NewOrleans