



# HURRICANE MICHAEL BRIEFING

10:00 AM CDT  
Monday, October 8, 2018

Prepared by:  
*WFO New Orleans/Baton Rouge*



- Michael has become a hurricane this morning and will move through the central and northern Gulf Tuesday through Wednesday
- Ahead of any direct impacts from this storm, strengthening winds over the Gulf will lead to higher than normal tides along east and southeast facing shores of Southeast Louisiana and Mississippi. A Coastal Flood Advisory remains in effect.
- The greatest impacts are currently expected to remain east of the local area, but if the forecast track shifts westward or if any bands move through the local area, strong/gusty winds and locally heavy rainfall will be possible

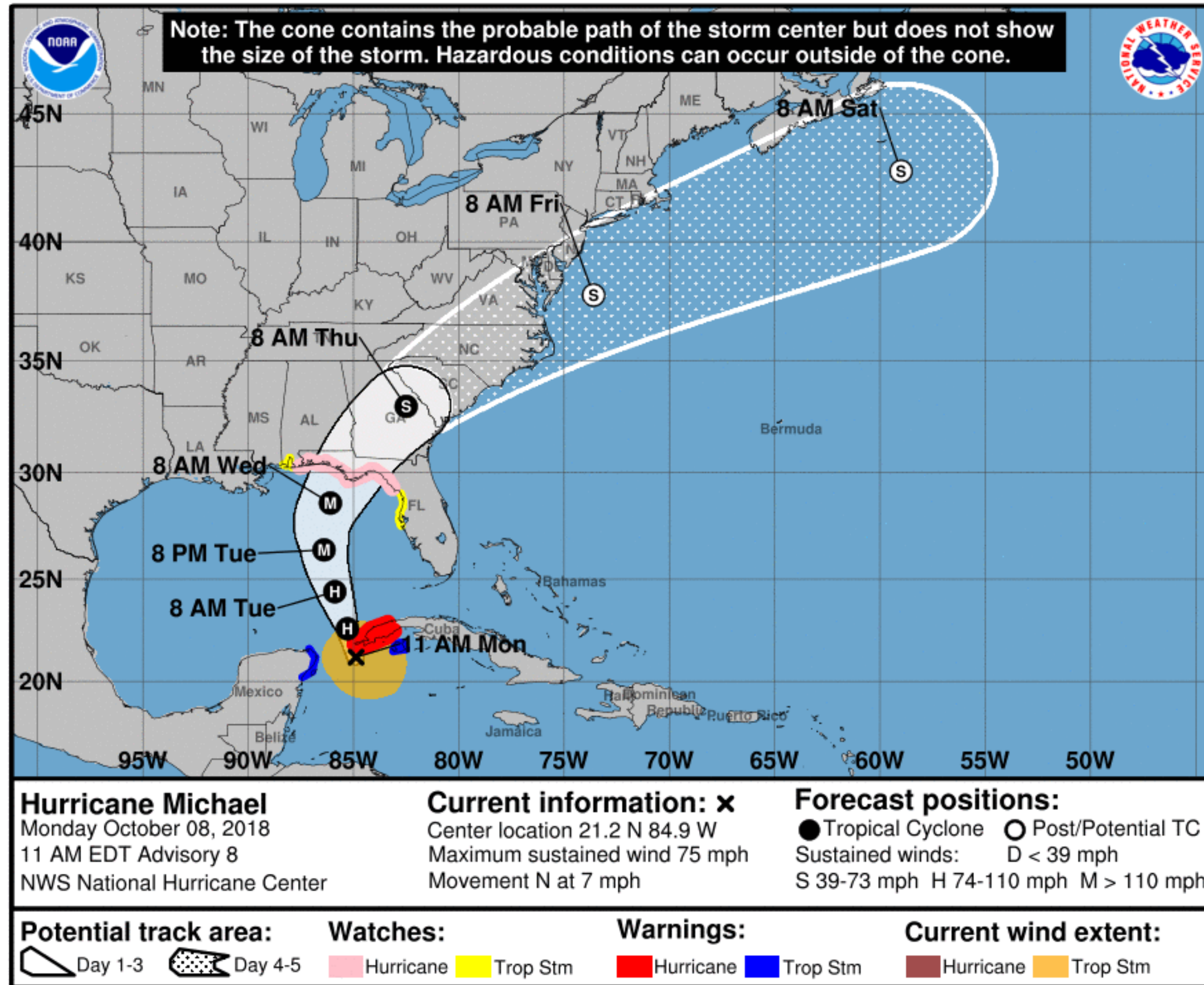
# Situation Overview

## Hurricane Michael



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- Michael has been upgraded to a Hurricane and is expected to continue to strengthen as it moves through the Gulf.
- The storm will impact the northern and northeastern Gulf coast late Tuesday through Thursday
- Tropical watches are not out for our area yet but may need to be expanded this afternoon or tonight if there is any adjustment to the west in the track.

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

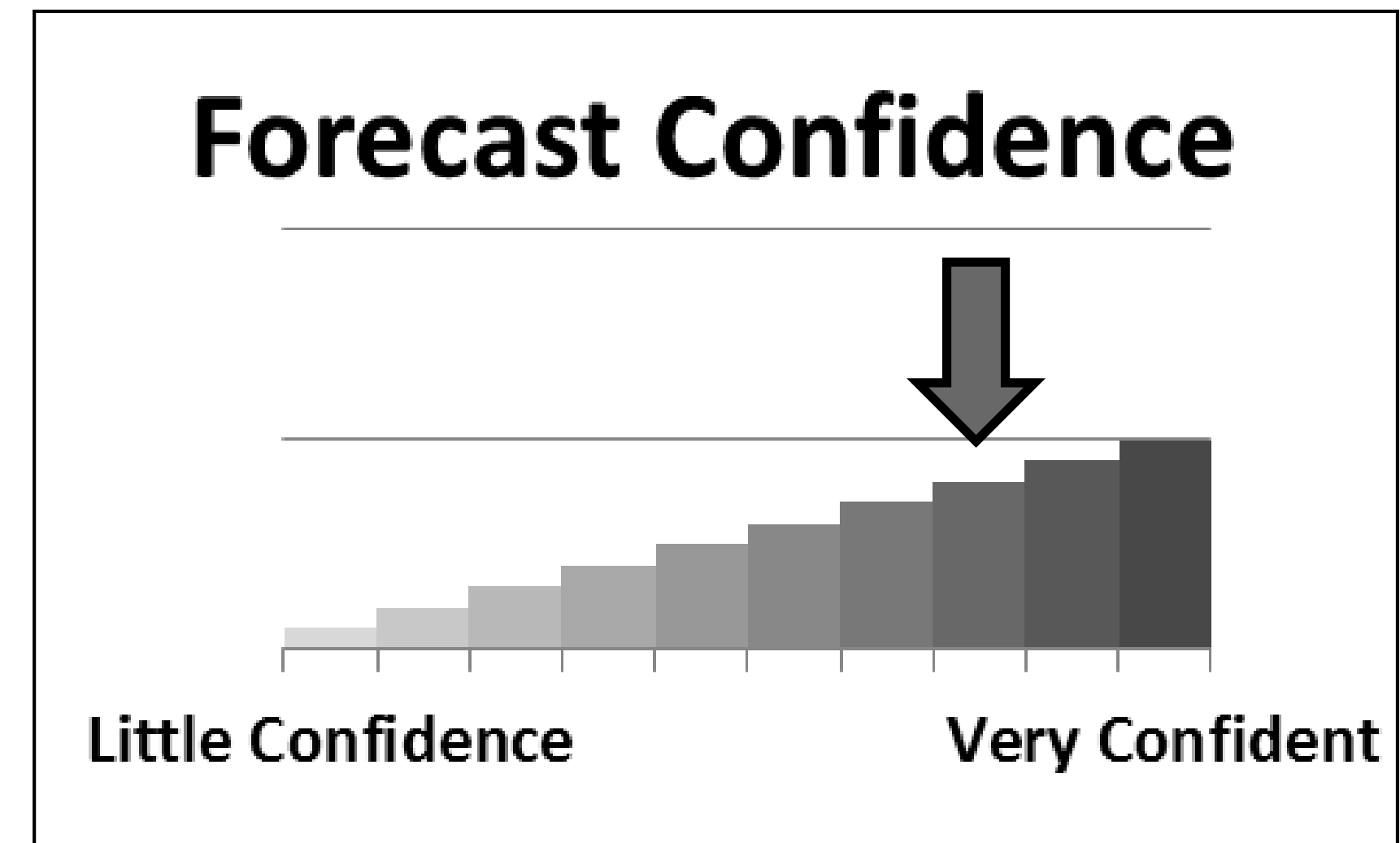
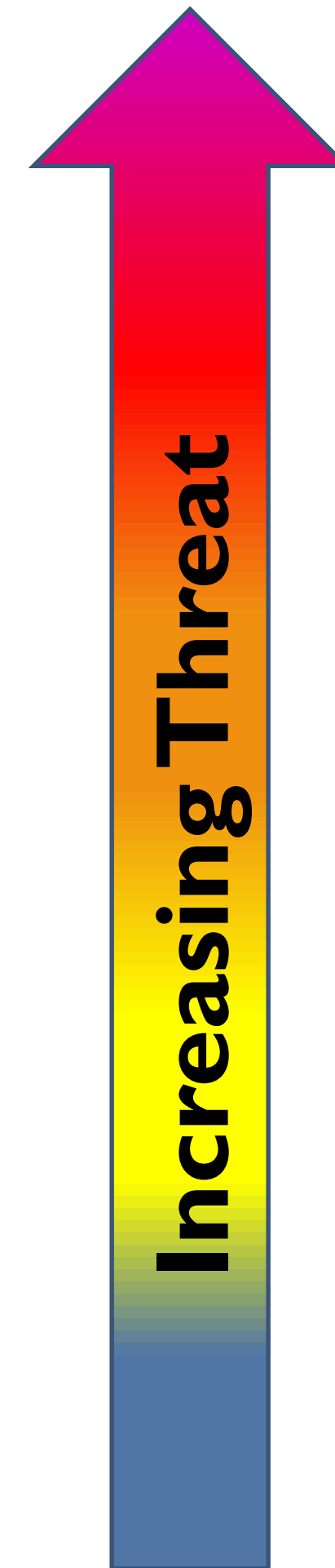
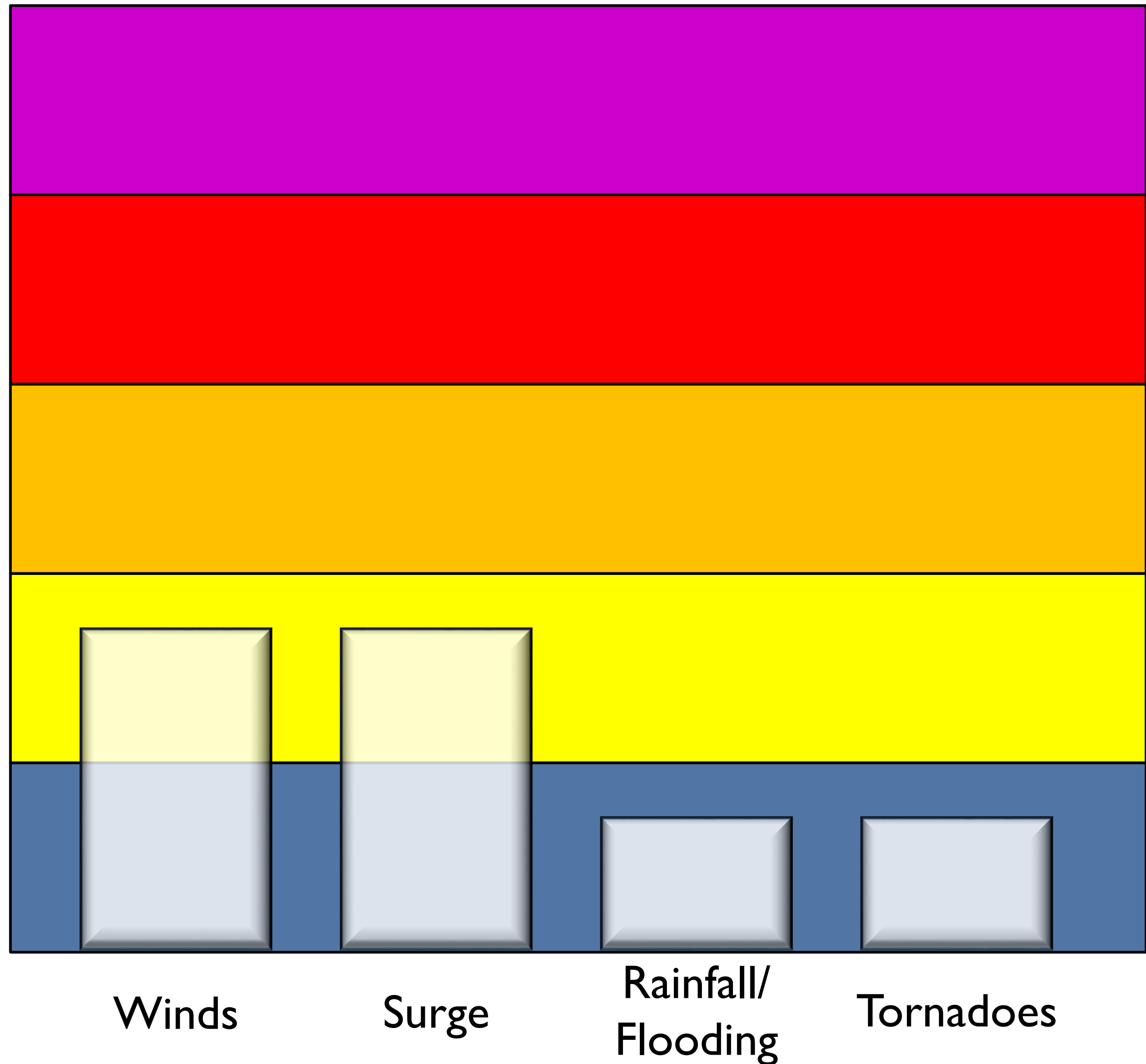
# Threat Levels

Hurricane Michael



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For information on specific hazards in this area, please go to <https://www.weather.gov/srh/tropical?office=lix>

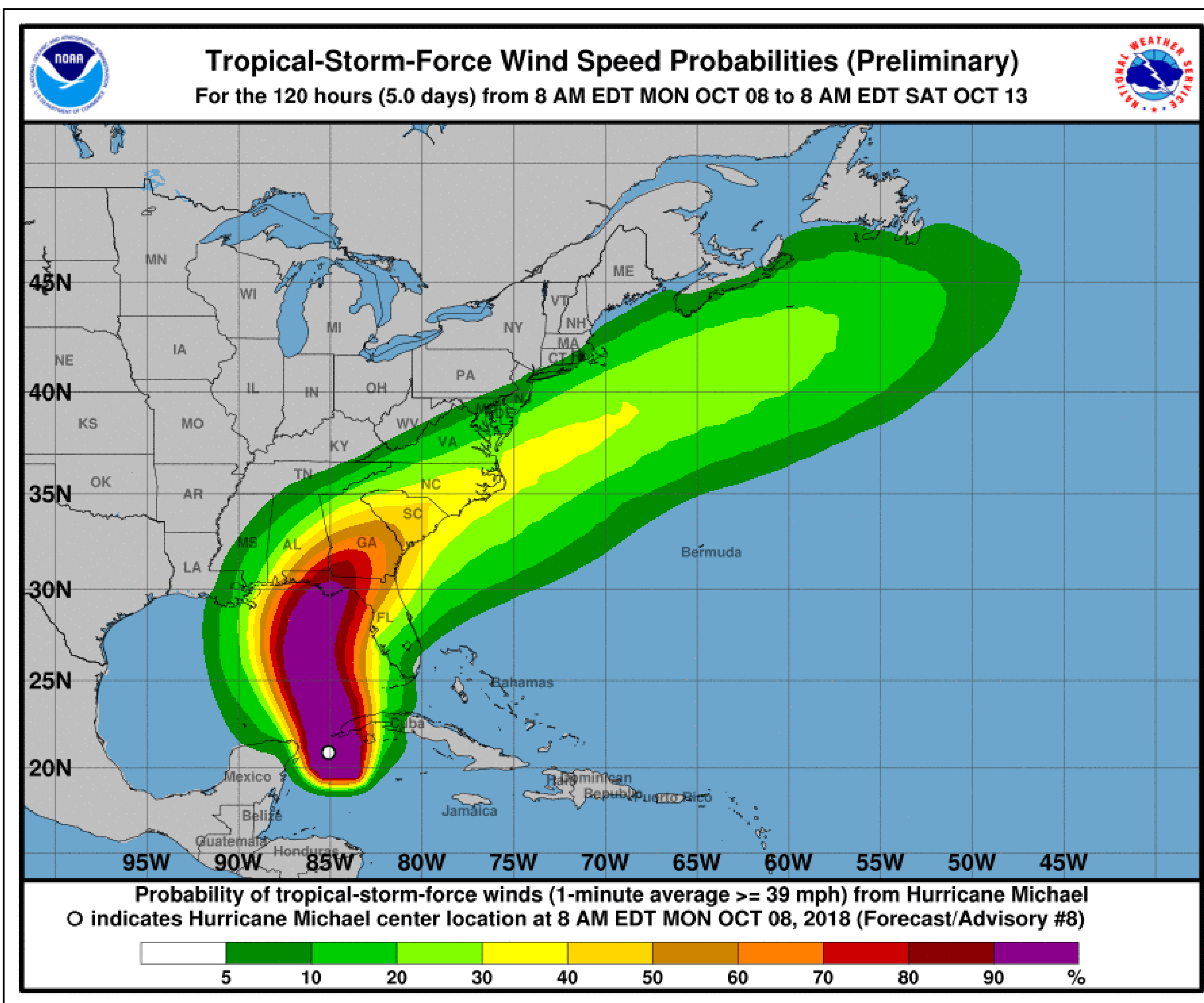
# TS Wind Speed Probabilities

Hurricane Michael



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- There has been no changes in the probability of tropical storm force winds across extreme southeast Louisiana and southern/coastal Mississippi since the previous advisory.
- There is still a 3 to 4 in 10 chance of sustained tropical storm force winds for locations in lower Plaquemines Parish.
- There is a 1 to 3 in 10 chance of sustained tropical storm force winds for locations east of a Port Fourchon to Shell Beach line in Louisiana and across most of the Mississippi Coast. Extreme southeast Jackson county does have a slightly higher probability.

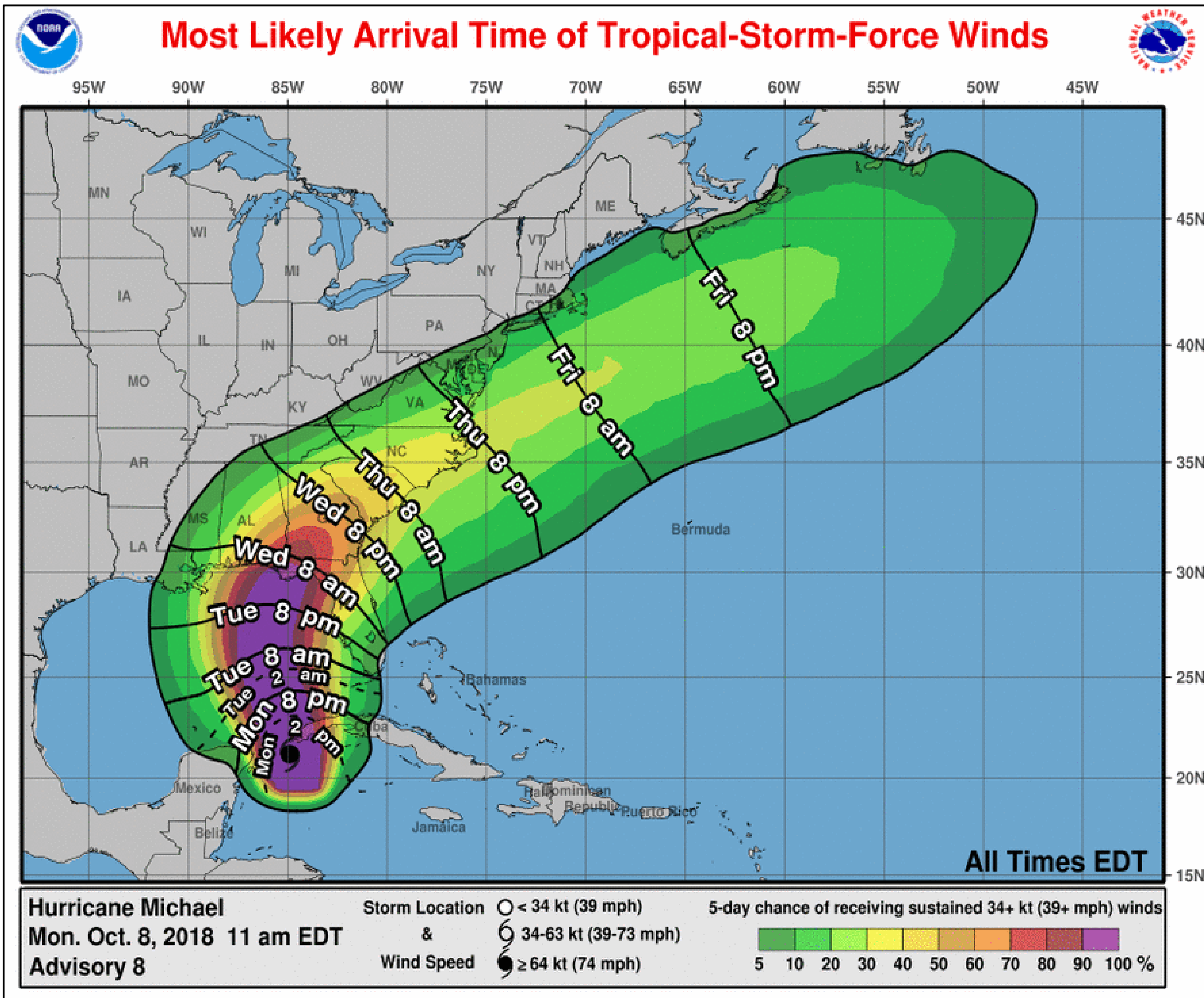
# Most Likely Time of Arrival

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- The most likely time of arrival of Tropical Storm Force Winds at the coast is overnight Tuesday night and early Wednesday morning.
- However, Tropical Storm Force Winds could begin at the coast as early as midday Tuesday

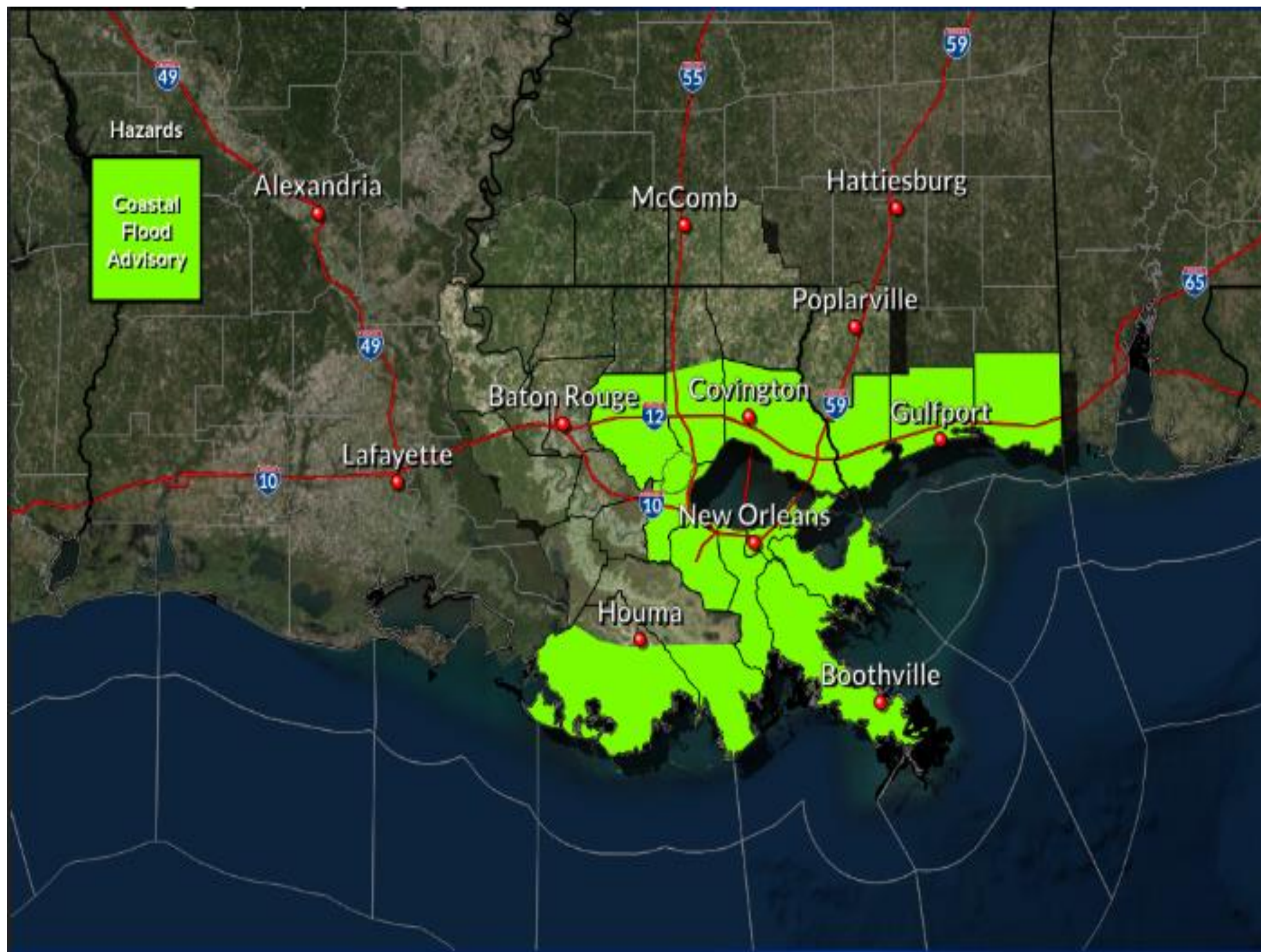
# Coastal Flood Advisory

Hurricane Michael



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- Tides of 1 to 2 feet above normal especially for east and southeast facing shores. Isolated problem areas could be 3 feet above normal.
- Peak coastal flooding will occur during high tide today and Tuesday
- Flooding of low lying coastal roads outside of the hurricane risk reduction system will be possible.

# Expected Storm Total Rainfall

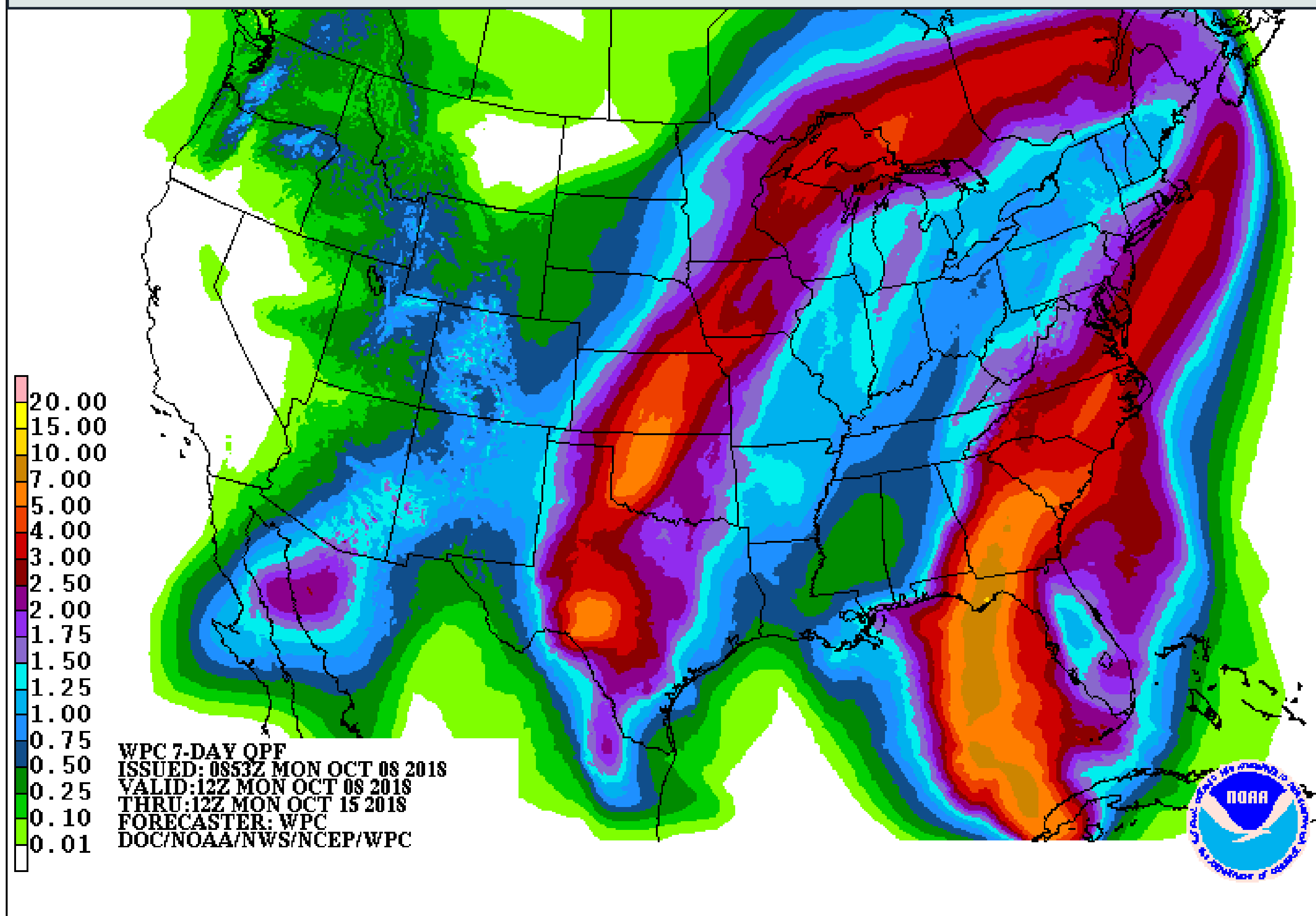
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**Note:** There will likely be locally higher amounts



- Storm Total rainfall forecast valid Today through Thursday
- Locally, most rain will occur Tuesday Night
- Will note that we will be on the drier side of the storm so there will likely be a sharp cut off in rain from east to west and we may not see much rain at all.





- Now Hurricane Michael is expected to move through the central and northern Gulf Tuesday and Wednesday
- Ahead of any direct impacts from this storm, strengthening winds over the Gulf will lead to higher than normal tides along east and southeast facing shores of Southeast Louisiana and Mississippi. A Coastal Flood Advisory is now in effect.
- The greatest impacts are currently expected to remain east of the local area, but if the forecast track shifts westward or if any bands move through the local area, strong/gusty winds and locally heavy rainfall will be possible



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You can contact NWS New Orleans/Baton Rouge at  
504-522-7330 or 985-649-0429  
or through the “LIXchat” NWSChatroom

*You can always find get the latest graphics and information for this storm at [www.hurricanes.gov](http://www.hurricanes.gov)*