



TROPICAL DEPRESSION CLAUDETTE BRIEFING

6:00 AM ET
Sunday, June 20, 2021


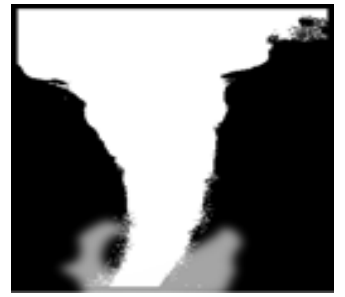



What has changed: Tropical Storm WARNING issued for coastal
North Carolina.

Next Briefing: By June 20, at 6pm EDT



Situation Overview

Tropical Depression Claudette

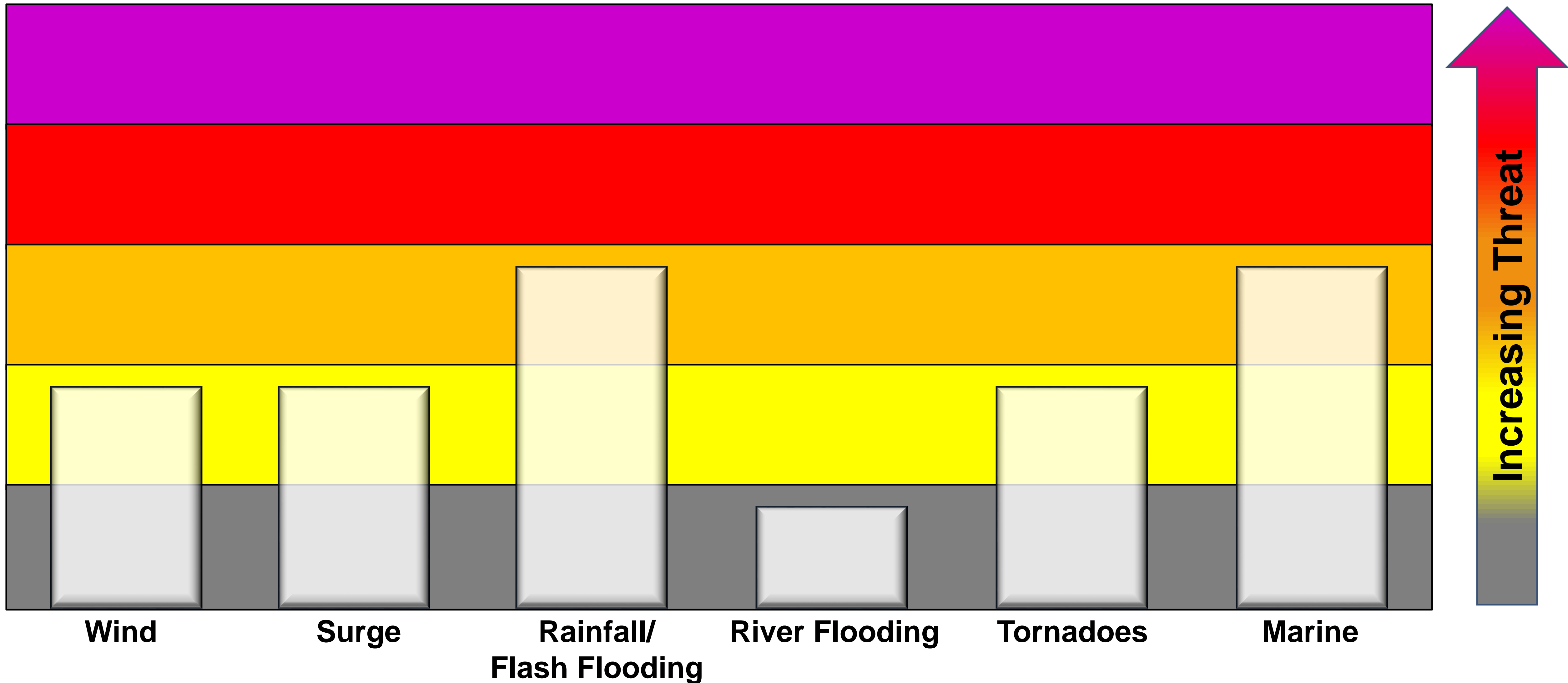
Hazard	Impacts	Location	Timing
 Flooding Rain	There is the potential for significant amounts of rain that could lead to flash flooding	All of Eastern NC	This afternoon through Monday morning
 Tornado	There is the potential for a few tornadoes	All of Eastern NC	This afternoon into Monday morning
 Storm Surge/ Inundation	There is potential for some minor impacts from coastal flooding	Coastal Eastern NC	Tonight night into Monday night
 Wind	There is potential for some minor impacts from strong winds	Coastal Eastern NC	Late tonight through Monday morning.
 Marine	There is the potential for very dangerous conditions	All coastal and nearshore waters	Tonight through Monday night



Threat Levels

Tropical Depression Claudette

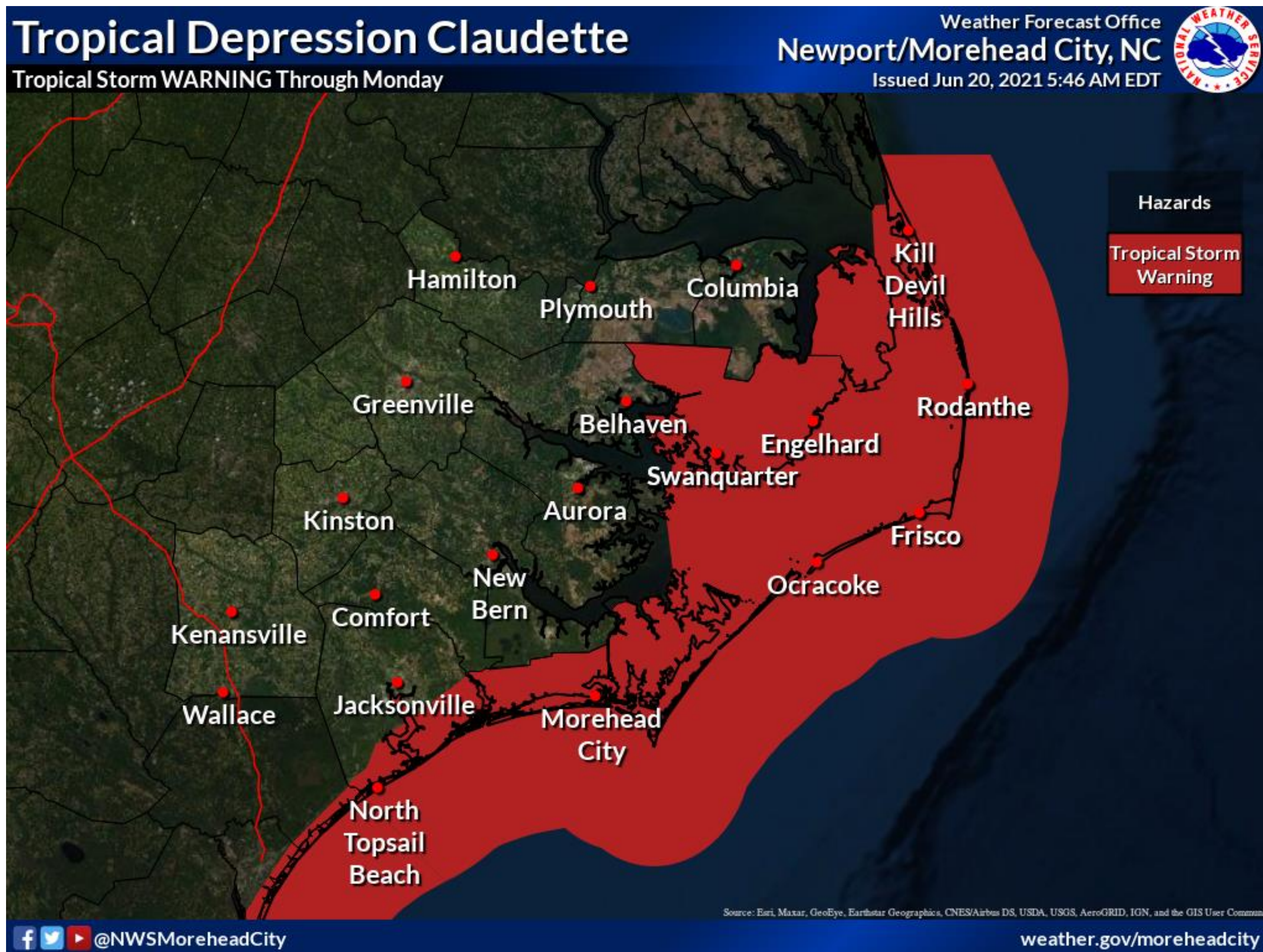
For information on specific hazards in this area, please go to <https://www.weather.gov/srh/tropical?office=mhx>





Situation Overview

Tropical Depression Claudette

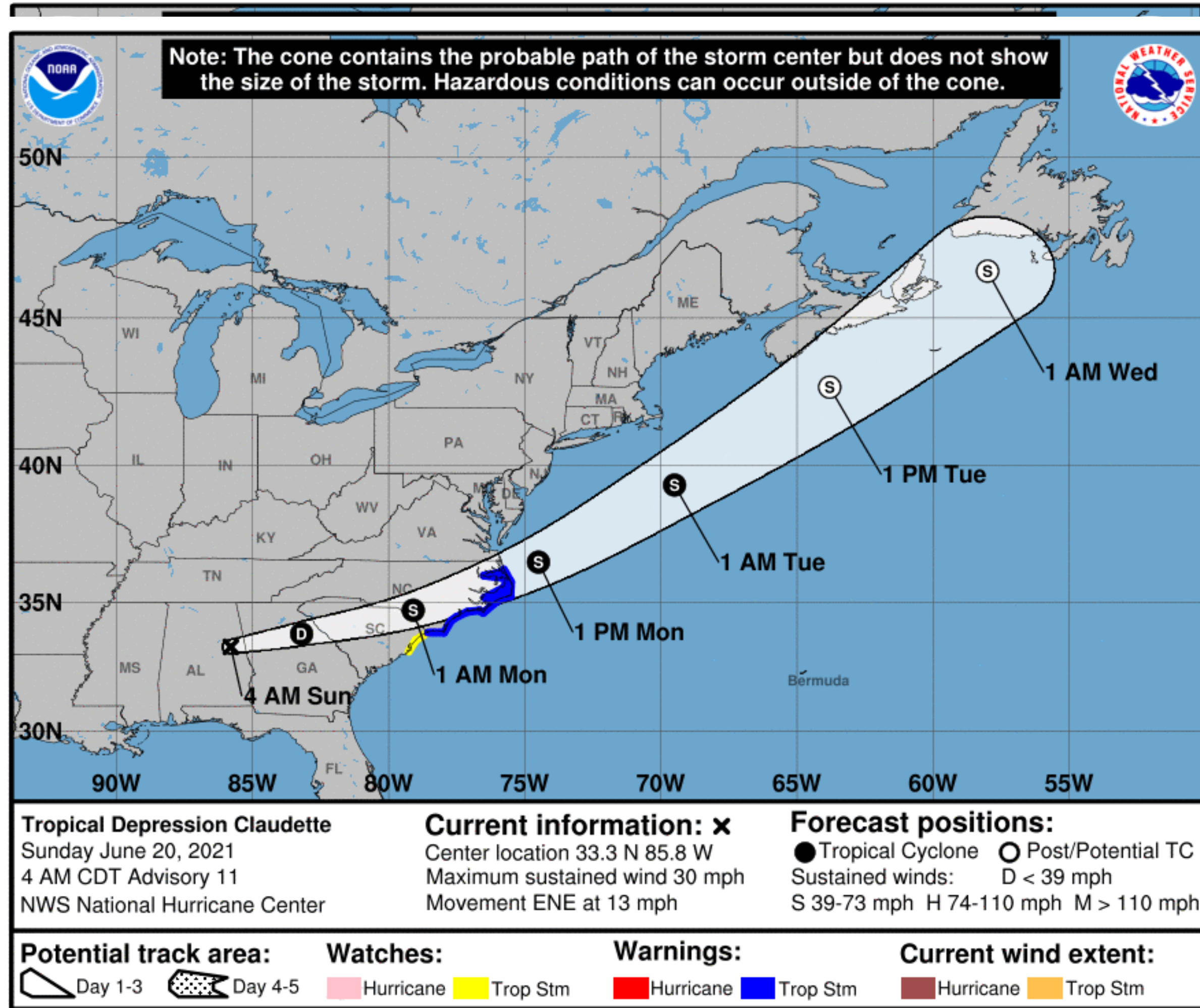


- Tropical Storm WARNING in effect for areas shared in red, through Monday



Situation Overview

Tropical Depression Claudette



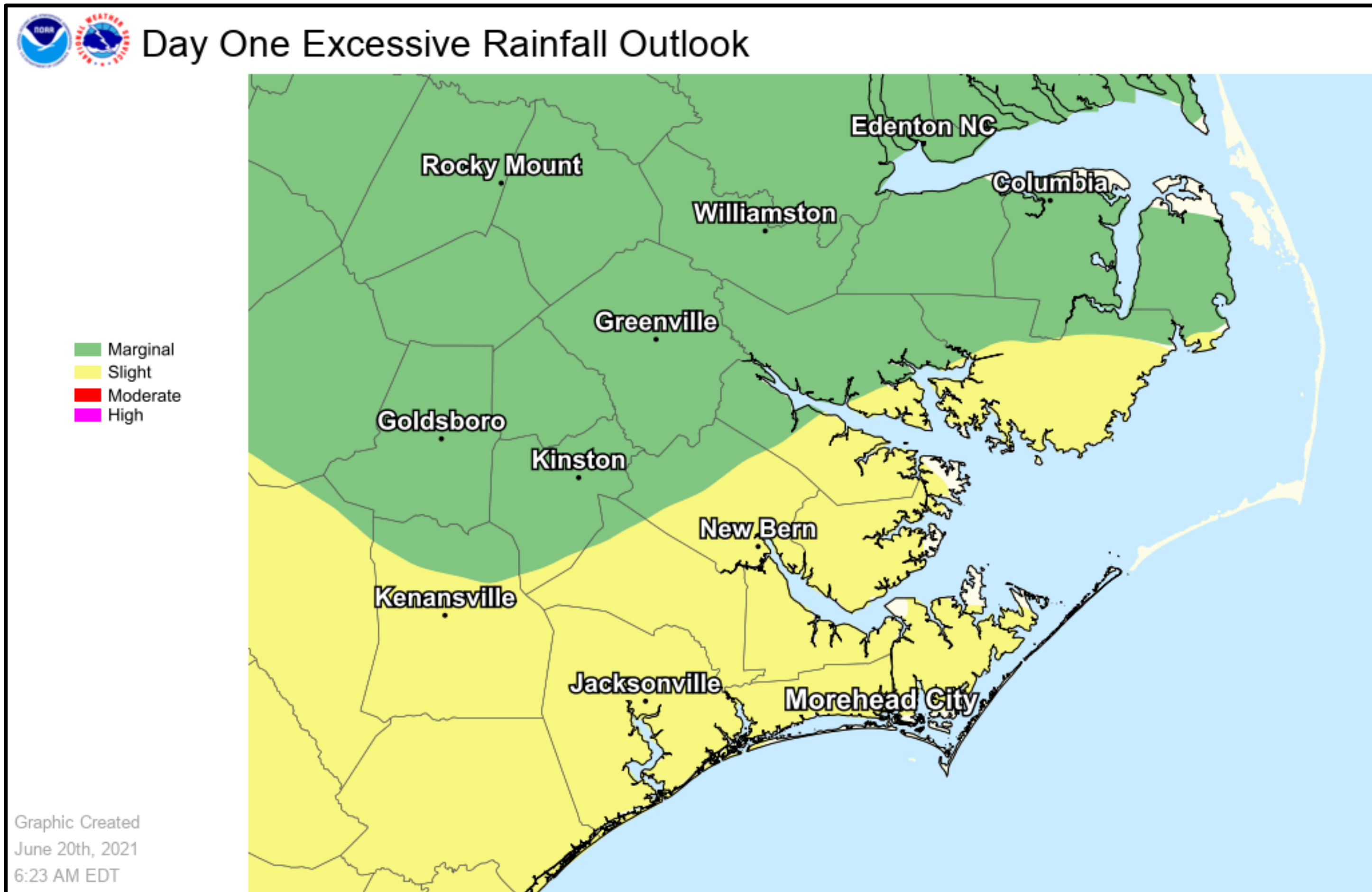
- Tropical Depression Claudette will move east northeast and is forecast to strengthen to a Tropical Storm and move over North Carolina tonight into Monday.
- Claudette is expected to bring a variety of impacts to our area including heavy rain (flash flooding), risk for tornadoes, minor coastal flooding, and windy conditions.

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



Excessive Rainfall Outlook

Tropical Depression Claudette

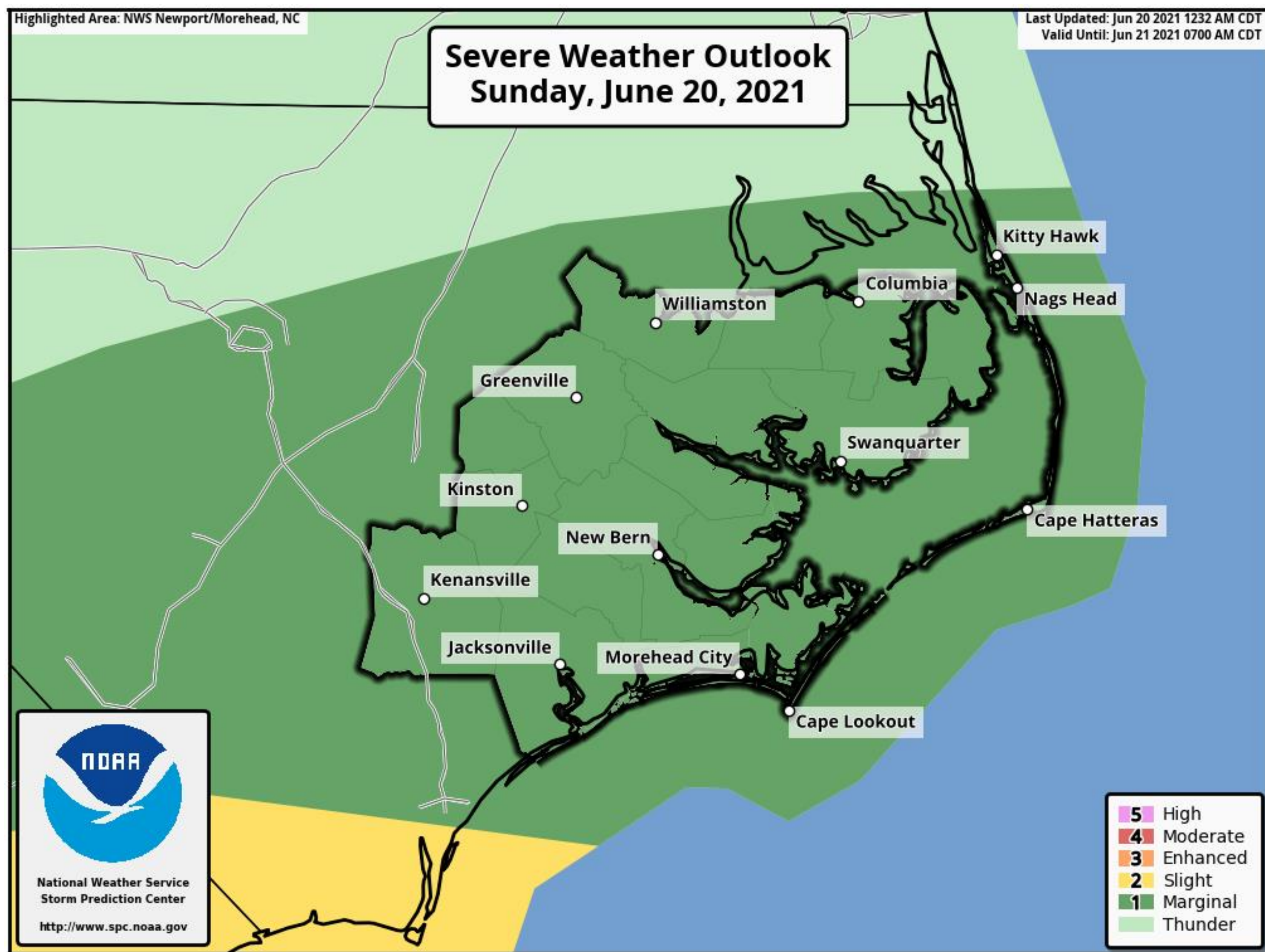


- Areas outlined in yellow have the greatest potential for flash flooding this afternoon through Monday morning.
- Generally 1 to 3 inches of rain expected, however isolated higher amounts are possible.



Tornado Potential

Tropical Depression Claudette

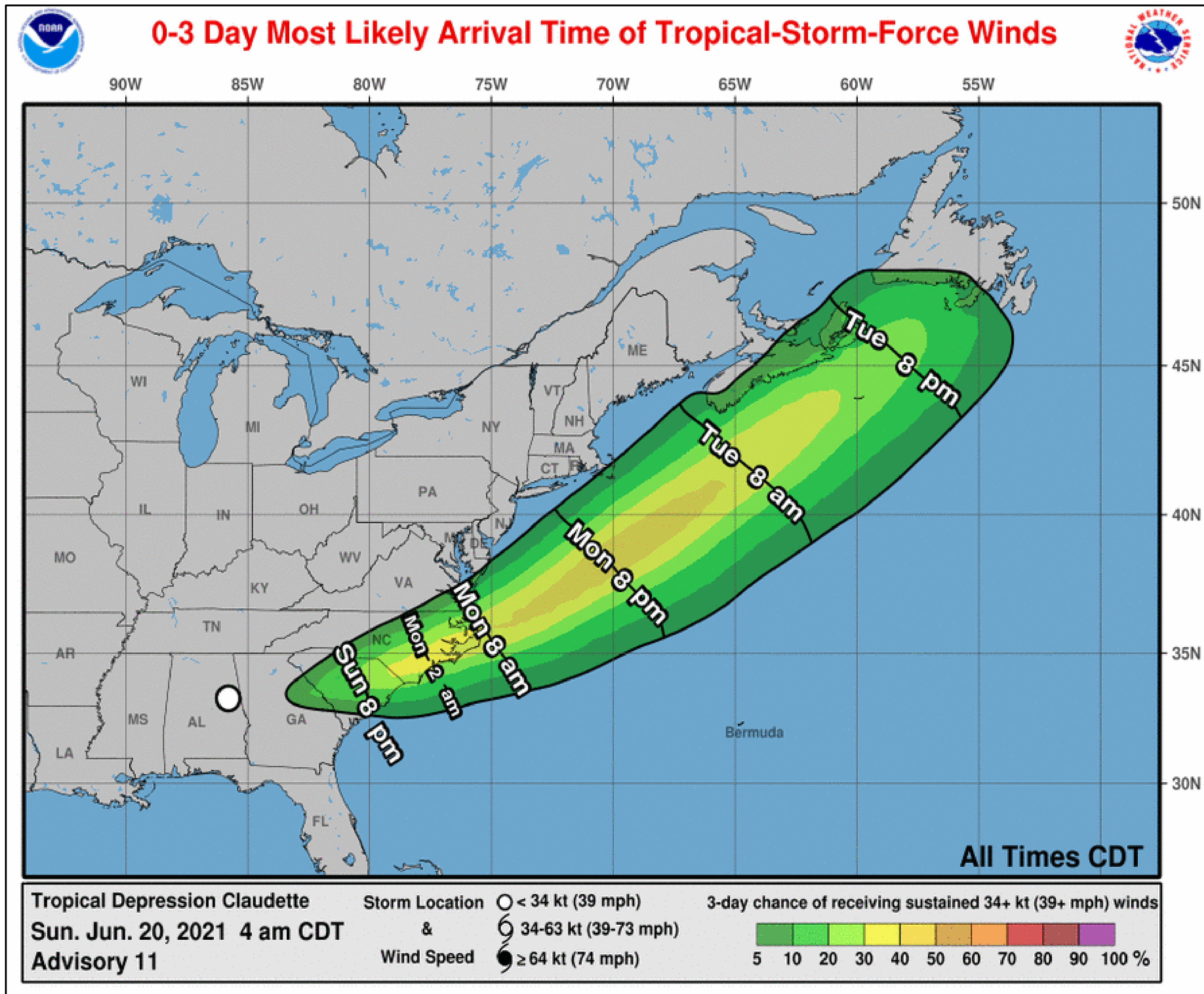


- Main threat of tornadoes would be from this afternoon through Monday morning
- Enhanced areas of damage possible
- Have multiple ways to receive warnings and at least one that will wake you up tonight



Most Likely Time of Arrival

Tropical Depression Claudette



- The most likely time of arrival of Tropical Storm Force Winds for Eastern North Carolina is after midnight tonight into early Monday.
- However, this area could see Tropical Storm Force Winds as early as this evening.



Maximum Wind Gusts Through Monday

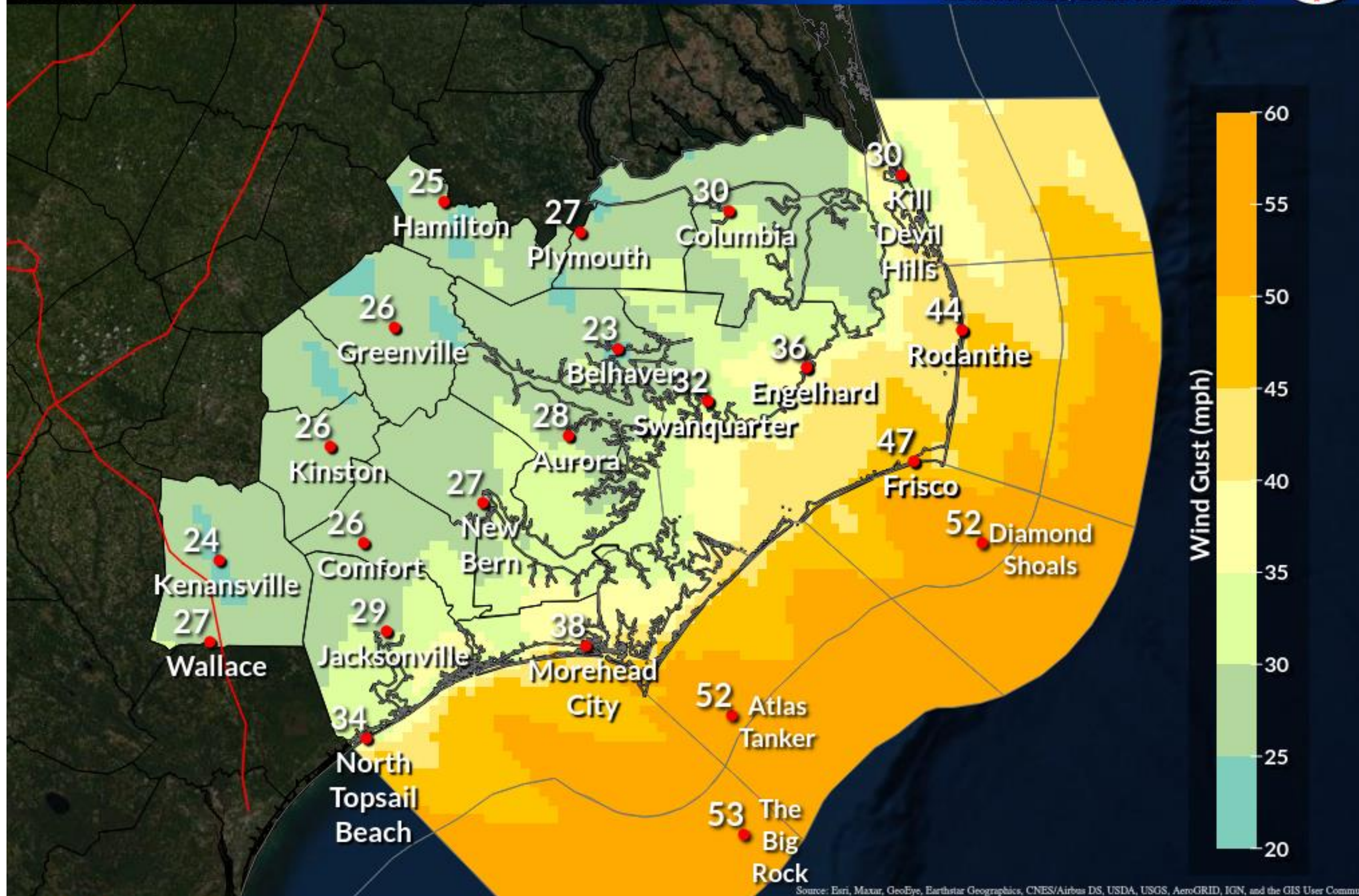
Tropical Depression Claudette

Max Wind Gusts

TC Claudette

Weather Forecast Office
Newport/Morehead City, NC

Issued Jun 20, 2021 5:57 AM EDT



- Strongest winds occur along the coast late tonight through Monday morning
- Scattered power outages possible

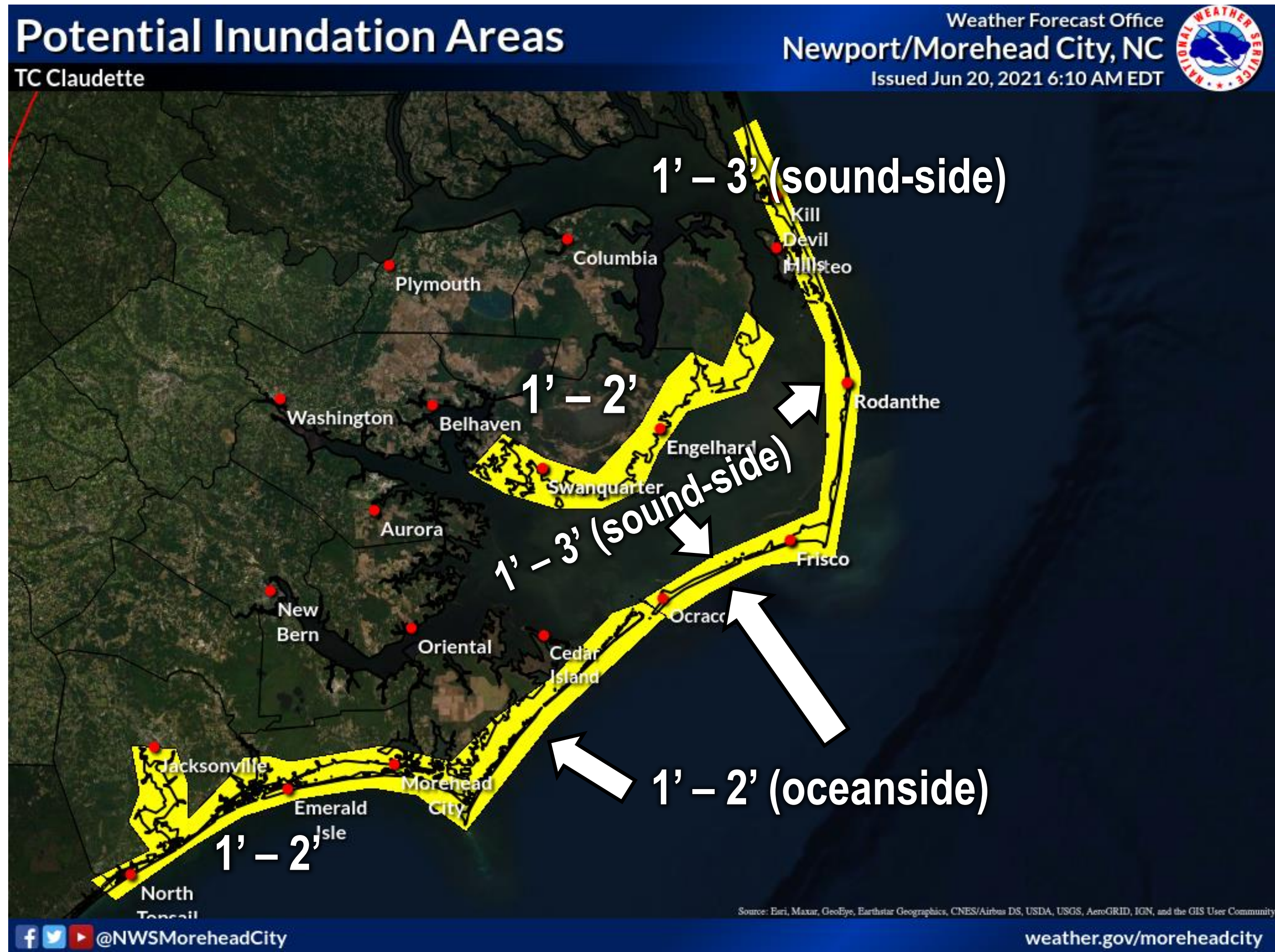
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Potential Storm Surge Flooding

Tropical Depression Claudette



Note: This graphic shows where storm surge inundation could occur in any one location. It depicts a reasonable worst case scenario.

- Strong southerly winds will cause minor water level rises late Tonight through Monday morning for areas south of Cape Hatteras, including Bogue Sound into the lower New and White Oak Rivers and areas along the Pamlico Sound near Swanquarter along with Outer Banks Rodanthe northward.
- As Claudette moves away, winds shift into the west causing surge issues Soundside Ocracoke and Hatteras Island north through Manteo.



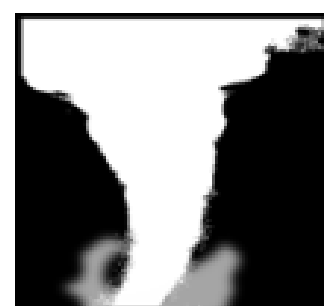
Key Take-Aways

Tropical Depression Claudette

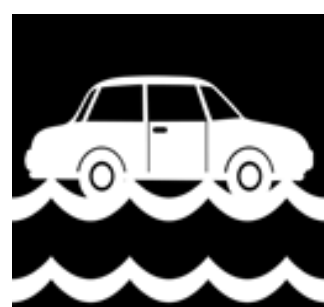
Confidence is HIGH that the event will occur
Confidence is MODERATE regarding impacts



Heavy rain is expected, with flash flooding possible.



A few isolated tornadoes are possible.



Minor coastal flooding will be possible.



Strong gusty winds may cause minor impacts.




Dangerous marine conditions expected across the coastal waters.





**Next Briefing:
Sunday (6/20) 6:00 PM EDT
Method: Email**


 **Web:** <http://weather.gov/moreheadcity>

 **Phone:** (252) 223-5737 x6

 **E-mail:** wxobs.mhx@noaa.gov

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