

TROPICAL STORM ELSA BRIEFING

11:00 AM EDT
Tuesday, July 6, 2021






What has changed: This is the first multi-slide briefing for TS Elsa.
Next Briefing: Wednesday, July 7th, at 7am EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 7:00am EDT Wednesday.



Situation Overview

Tropical Storm Elsa

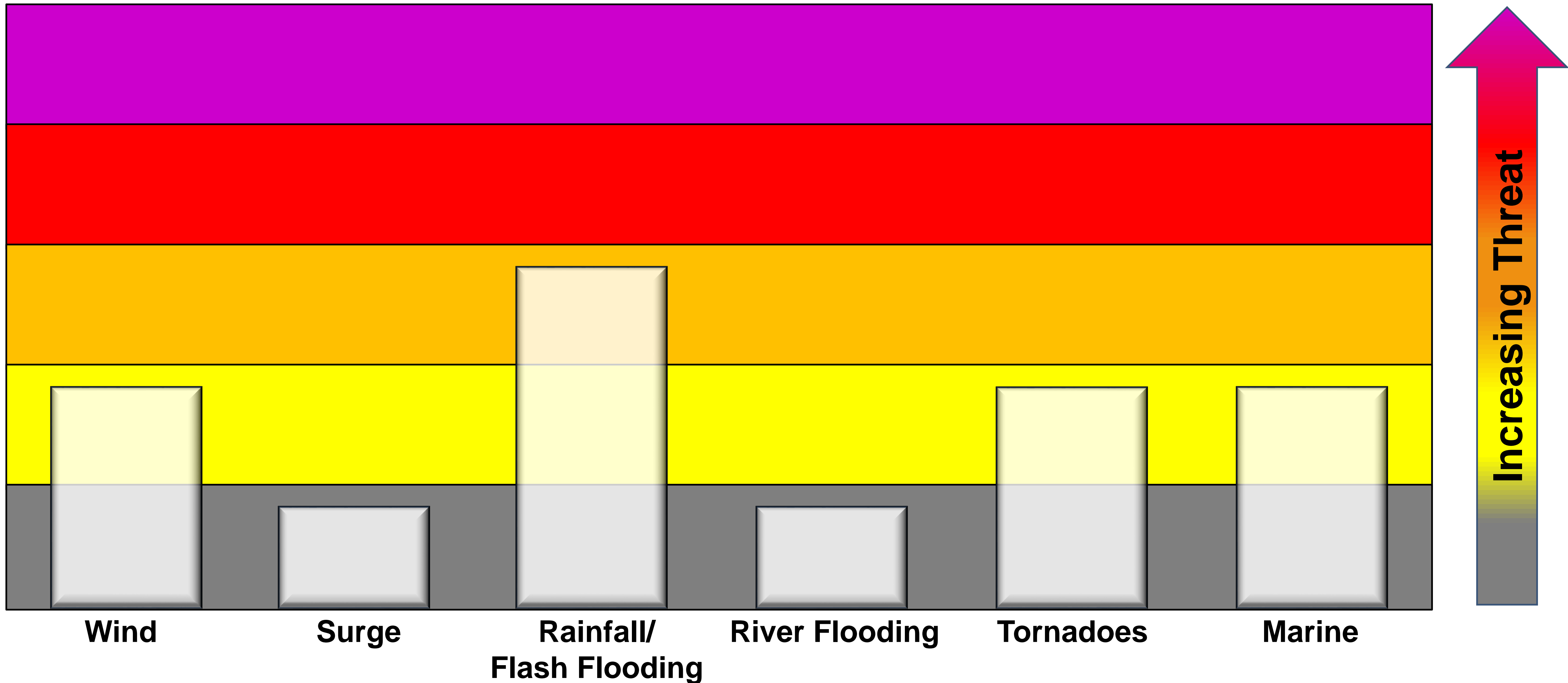
Hazard	Impacts	Location	Timing
 Flooding Rain	<p>There is the potential for heavy rain that could lead to isolated flash flooding</p>	<p>Eastern NC</p>	<p>Thursday into Thursday Night</p>
 Wind	<p>There is the potential for minor impacts from gusty winds which could scatter outdoor furniture & blow down tree limbs. Isolated power outages are possible.</p>	<p>Coastal Eastern NC</p>	<p>Thursday into Thursday Night</p>
 Storm Surge/ Inundation	<p>There is the potential for minor water level rises. No significant surge impacts expected at this time.</p>	<p>Coastal Eastern NC</p>	<p>Thursday Afternoon into Thursday Night</p>
 Tornado	<p>There is a potential for a few tornadoes</p>	<p>Eastern NC</p>	<p>Thursday into Thursday Night</p>
 Marine	<p>Strong winds and large seas will create hazardous marine conditions</p>	<p>All Coastal Waters and Sounds</p>	<p>Wednesday Night into Friday</p>



Threat Levels

Tropical Storm Elsa

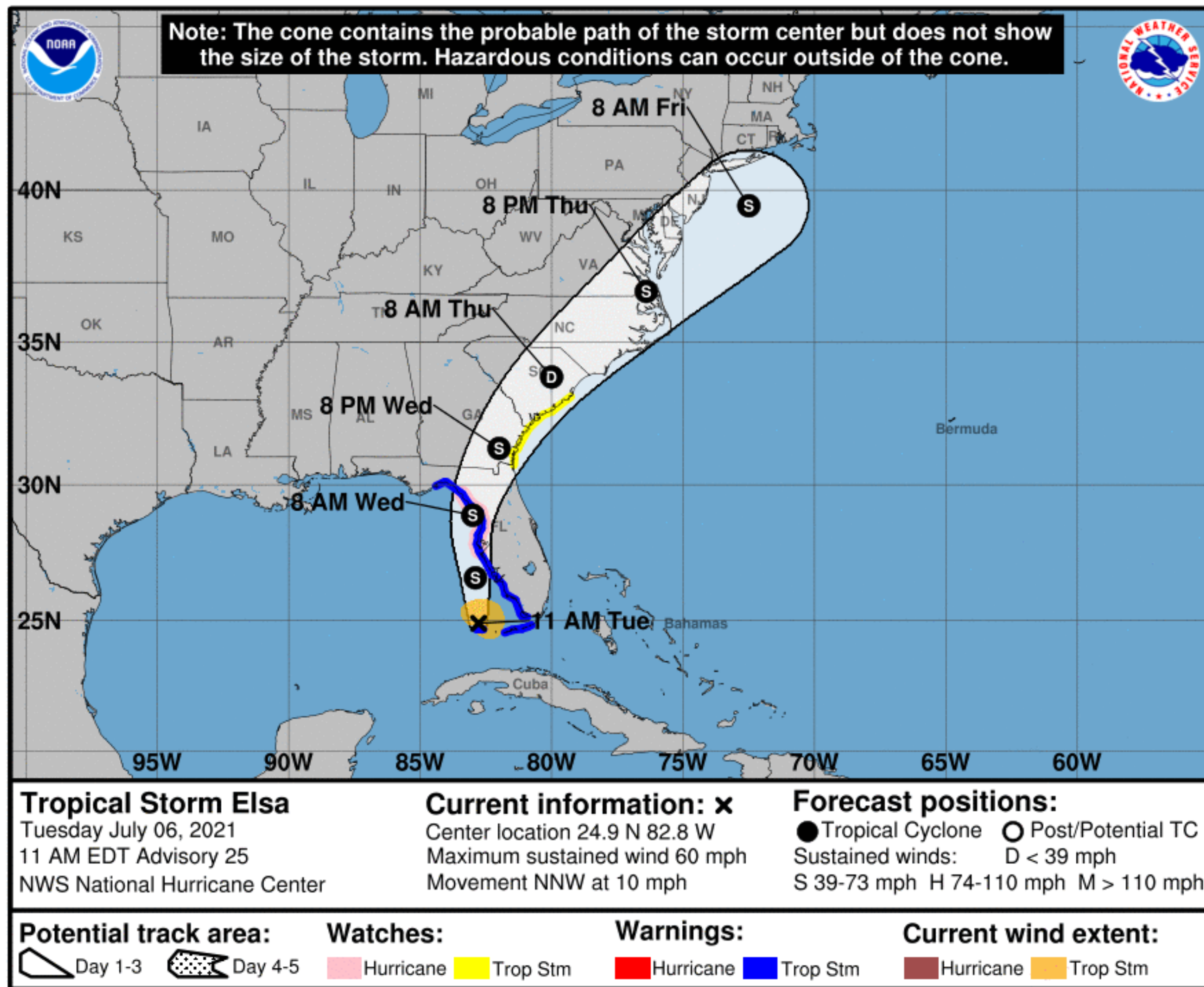
For information on specific hazards in this area, please go to <https://www.weather.gov/srh/tropical?office=mhx>





Situation Overview

Tropical Storm Elsa



- Tropical Storm Elsa is expected to weaken into a Tropical Depression as it crosses the Carolinas late Wednesday Night through Thursday Night.
- No watches or warnings are in effect for Eastern NC at this time.
- The threat for minor impacts in the form of heavy rain/localized flooding, gusty winds, and isolated tornadoes continues for Eastern NC.

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

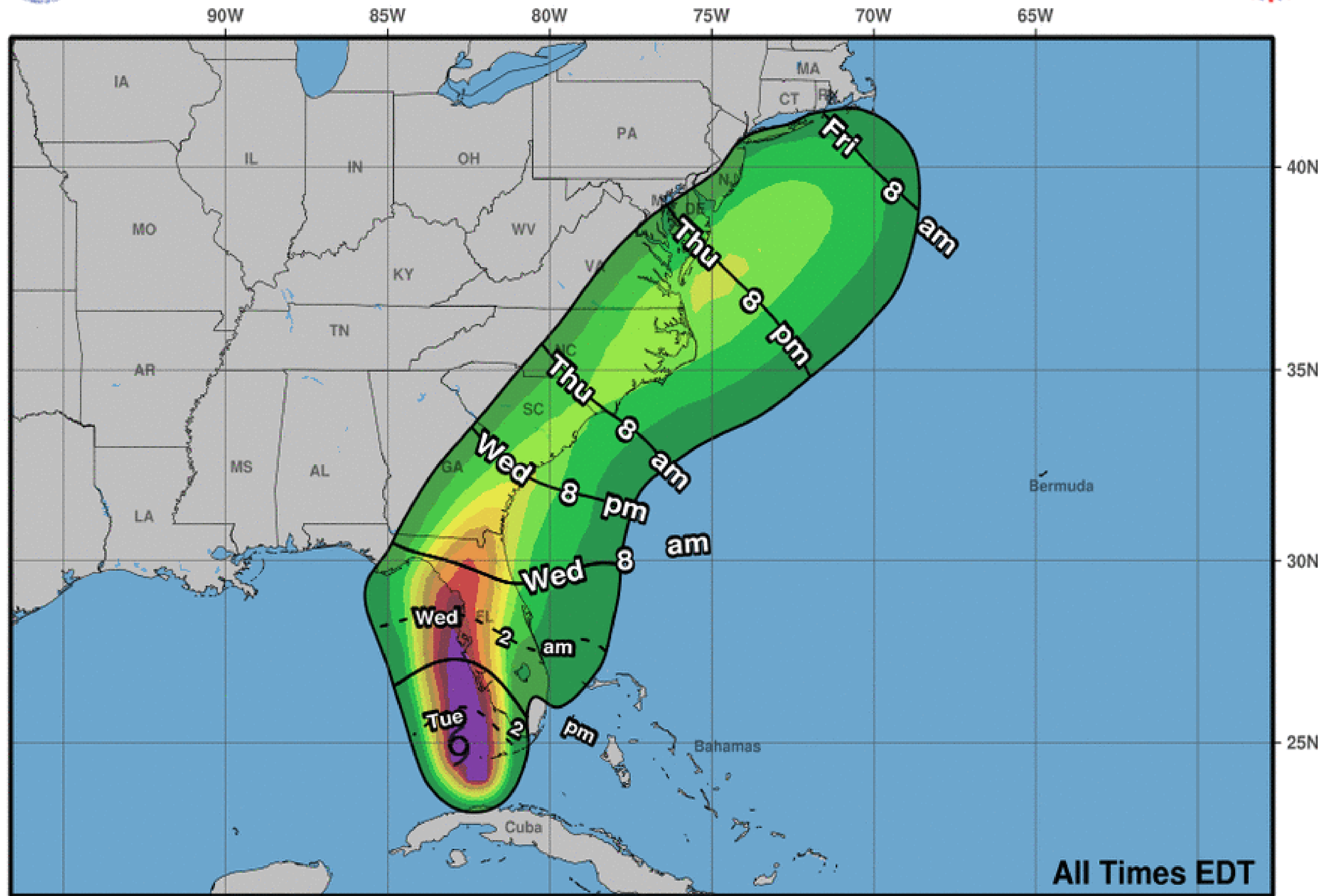


Tropical Storm Wind Speed Probabilities & Most Likely Time of Arrival

Tropical Storm Elsa



0-3 Day Most Likely Arrival Time of Tropical-Storm-Force Winds



Tropical Storm Elsa
 Tue. Jul. 6, 2021 11 am EDT
 Advisory 25

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

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

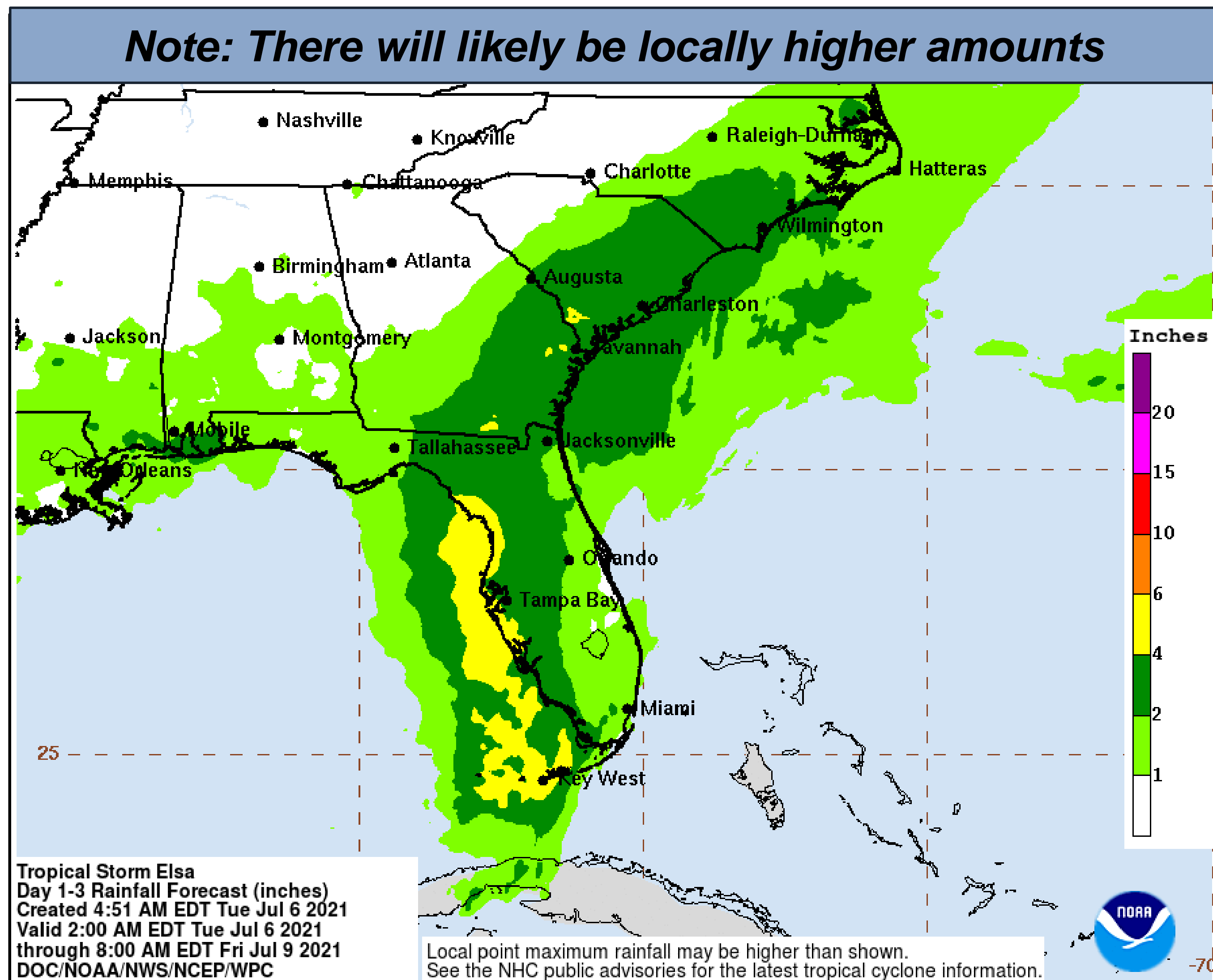
All Times EDT

- There is a 20 to 30 percent chance of Tropical Storm Force winds (39 mph or greater) occurring across Eastern NC.
- The most likely timing of arrival of Tropical Storm Force winds for Eastern NC will be Thursday Morning.
- However, Tropical Storm Force winds could be observed as early as late Wednesday Night, especially for southern portions of Eastern NC.



Expected Storm Total Rainfall

Tropical Storm Elsa

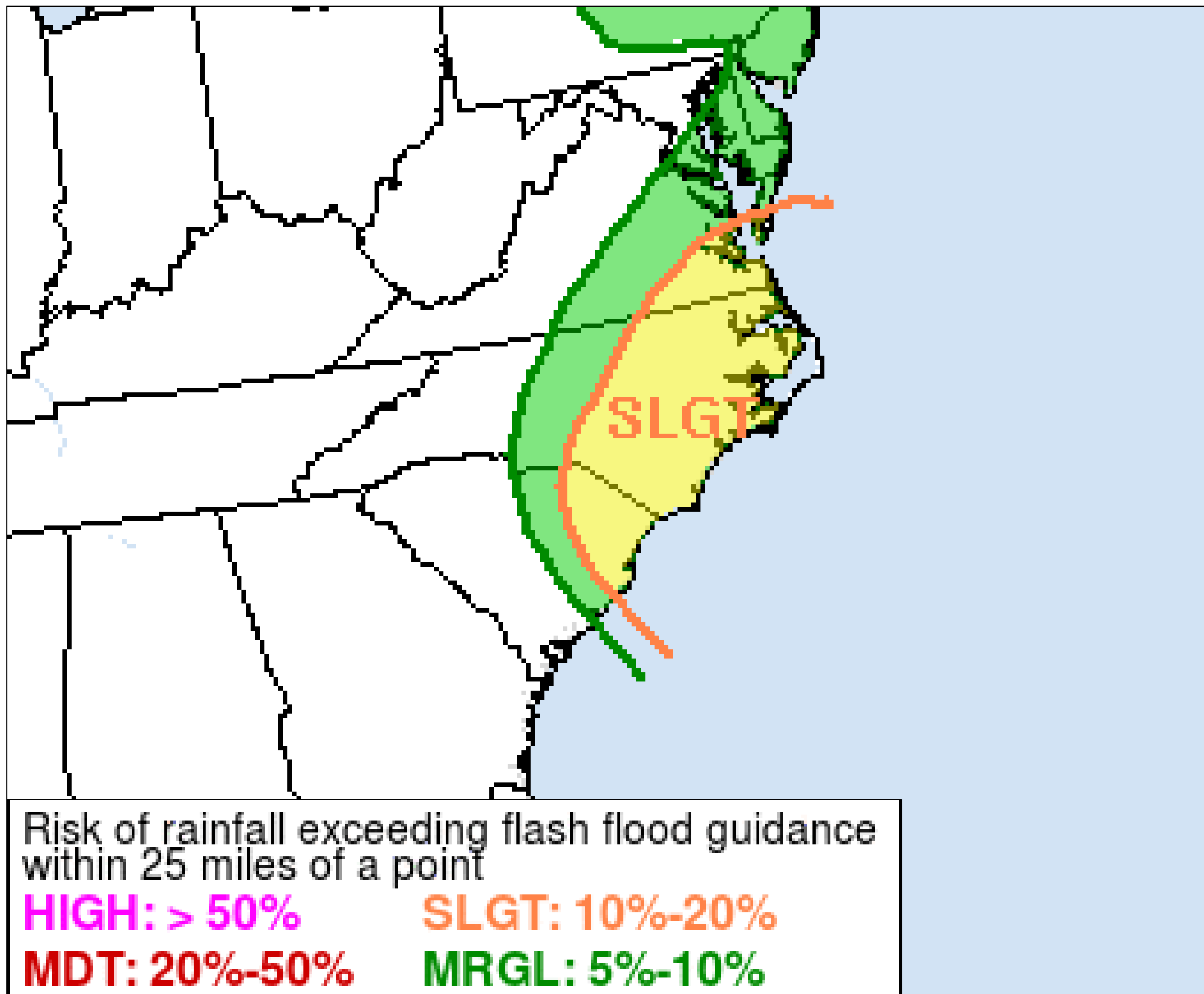


- Storm Total rainfall forecast valid Wednesday Night through Thursday Night
- Locally, most rain will occur Thursday Morning into Thursday Afternoon.
- Rainfall amounts will range 1 to 3 inches, locally higher amounts possible.



Excessive Rainfall Outlook

Tropical Storm Elsa



- Areas outlined in yellow have the greatest potential for flash flooding Thursday through Thursday night.
- Heavy rain may result in localized flooding.



Tornado Potential

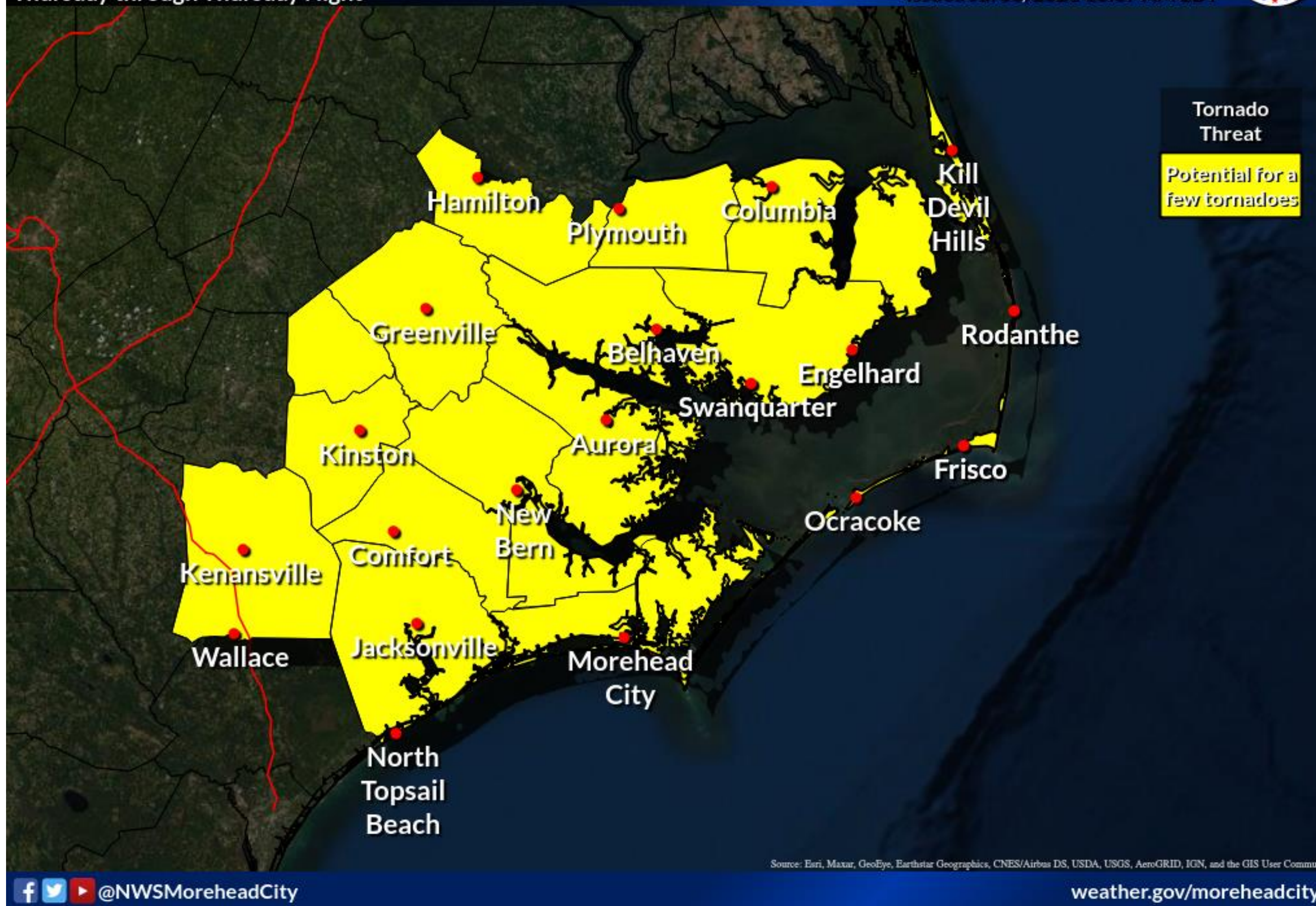
Tropical Storm Elsa

Tornado Threat

Thursday through Thursday Night

Weather Forecast Office
Newport/Morehead City, NC

Issued Jul 06, 2021 10:37 AM EDT



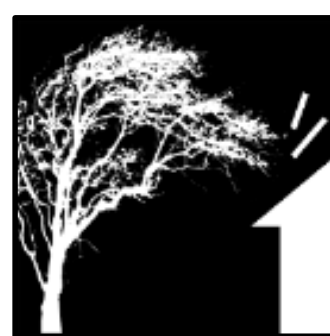
- Main threat for tornadoes will be Thursday morning through Thursday night.
- Make sure you have multiple ways to receive warnings.



Key Take-Aways

Tropical Storm Elsa

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



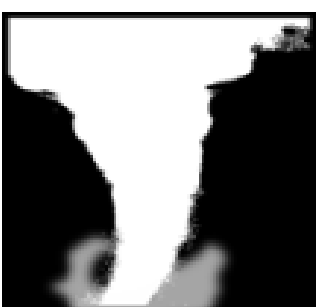
Tropical storm force wind gusts are possible, especially near the coast and offshore.



There is the potential for minor water level rises across coastal NC, mainly across Soundside portions of the Outer Banks and Crystal Coast.



Rainfall flooding possible, which may lead to localized flooding.



Isolated weak tornadoes are possible across Eastern NC.




Dangerous marine conditions expected across the coastal waters and Sounds. High rip current risk likely on Thursday and may remain elevated through Friday.




Tropical Storm Elsa


Next Briefing:
Wednesday 7:00 AM EDT
Method: Email

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

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

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

 **Facebook:** NWSMoreheadCity

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