

IMPACTS FOR D7 (through next 3 days)

Winds – Moderate

Storm Surge – None

Rainfall/Flash Flooding – None

Tornadoes – None

Waves - High

TROPICAL STORM IDALIA BRIEFING



9:00 AM EDT
Thursday, August 31, 2023

Prepared by:
Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

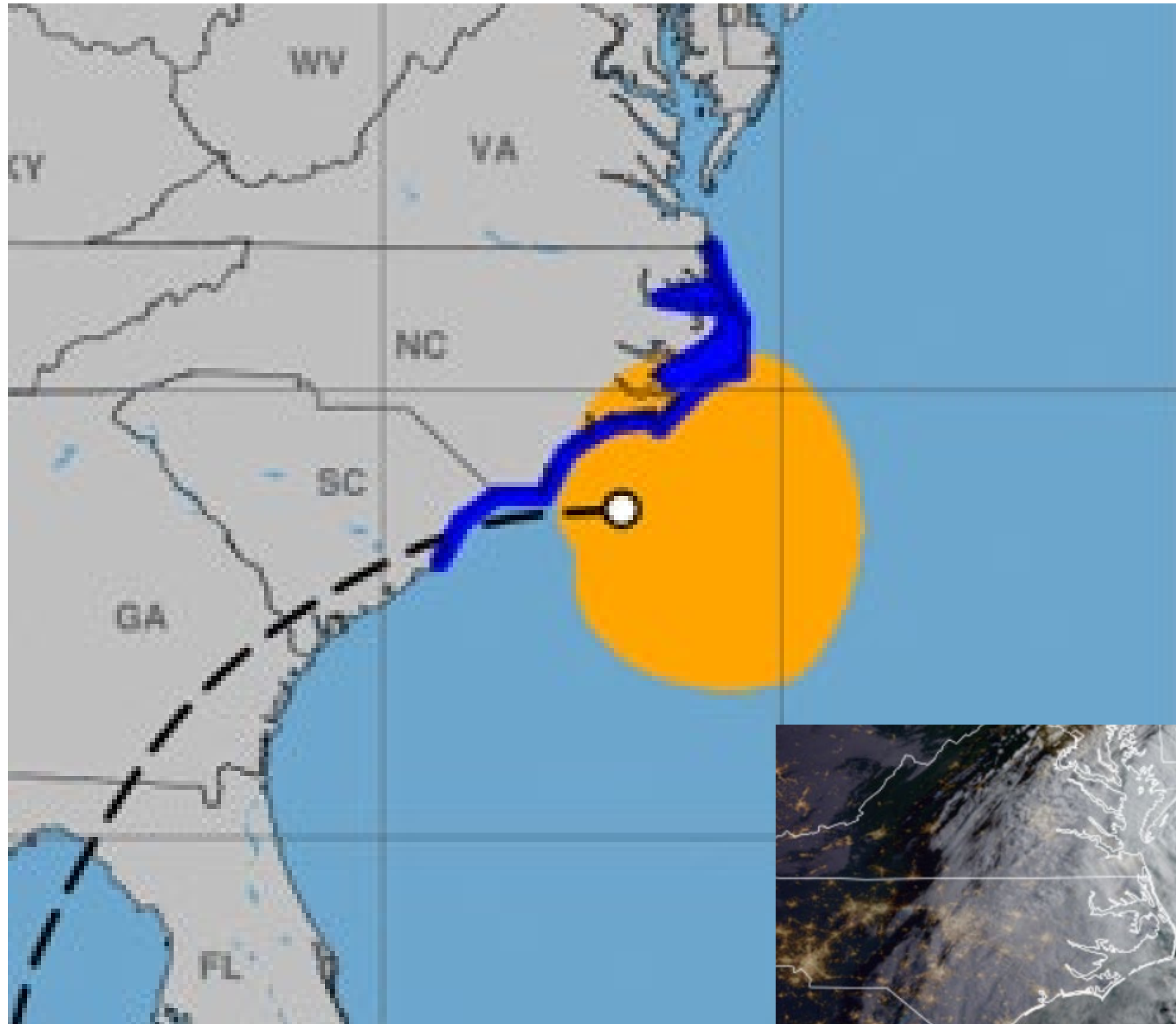
www.nhc.noaa.gov

Situation Overview

Tropical Storm Idalia



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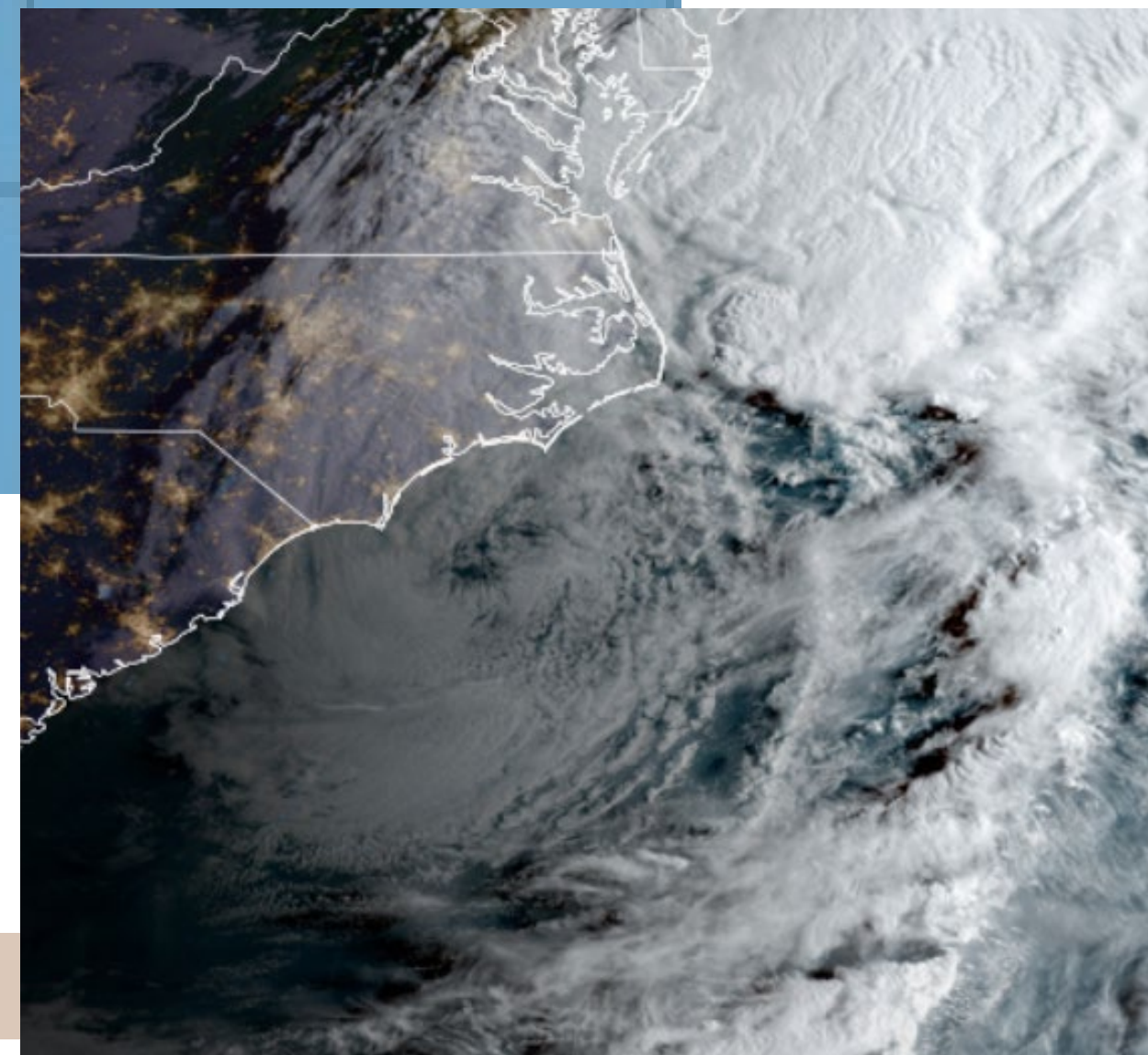


...HEAVY RAINFALL AND LIFE-THREATENING FLASH FLOODING CONTINUES IN PORTIONS OF EASTERN NORTH CAROLINA...
...WINDS INCREASING OVER THE OUTER BANKS AND PAMLICO SOUND...

SUMMARY OF 800 AM EDT INFORMATION

LOCATION...33.7N 77.0W
ABOUT 55 NM SE OF WILMINGTON NC
MAXIMUM SUSTAINED WINDS...50 KT
PRESENT MOVEMENT...ENE AT 17 KT
PEAK SEAS 24 FT

SIZE:
50 KT..... 0NE 50SE 20SW 20NW.
34 KT.....140NE 160SE 40SW 40NW.
12 FT SEAS..150NE 220SE 180SW 0NW.

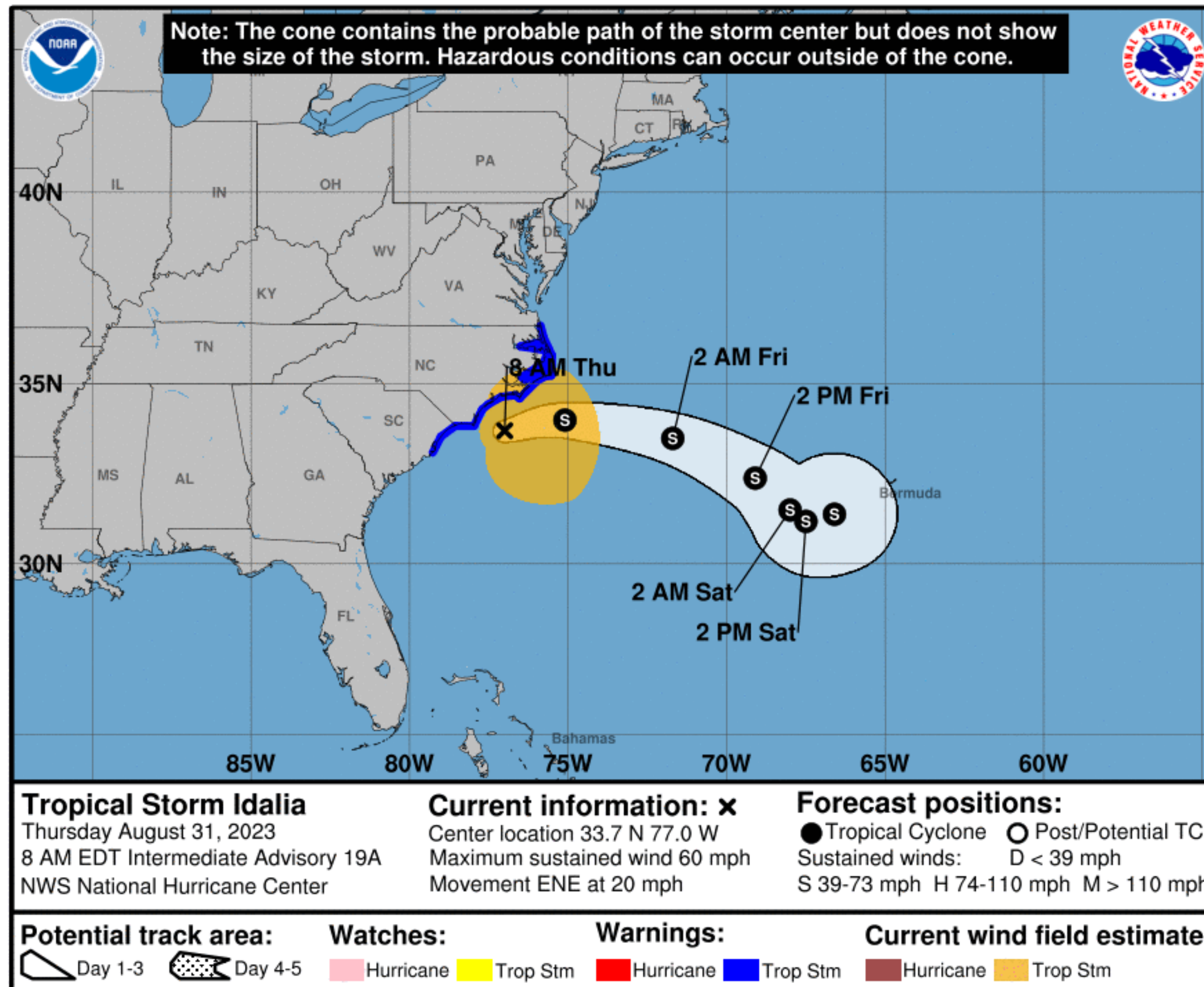


Forecast Information

Tropical Storm Idalia



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

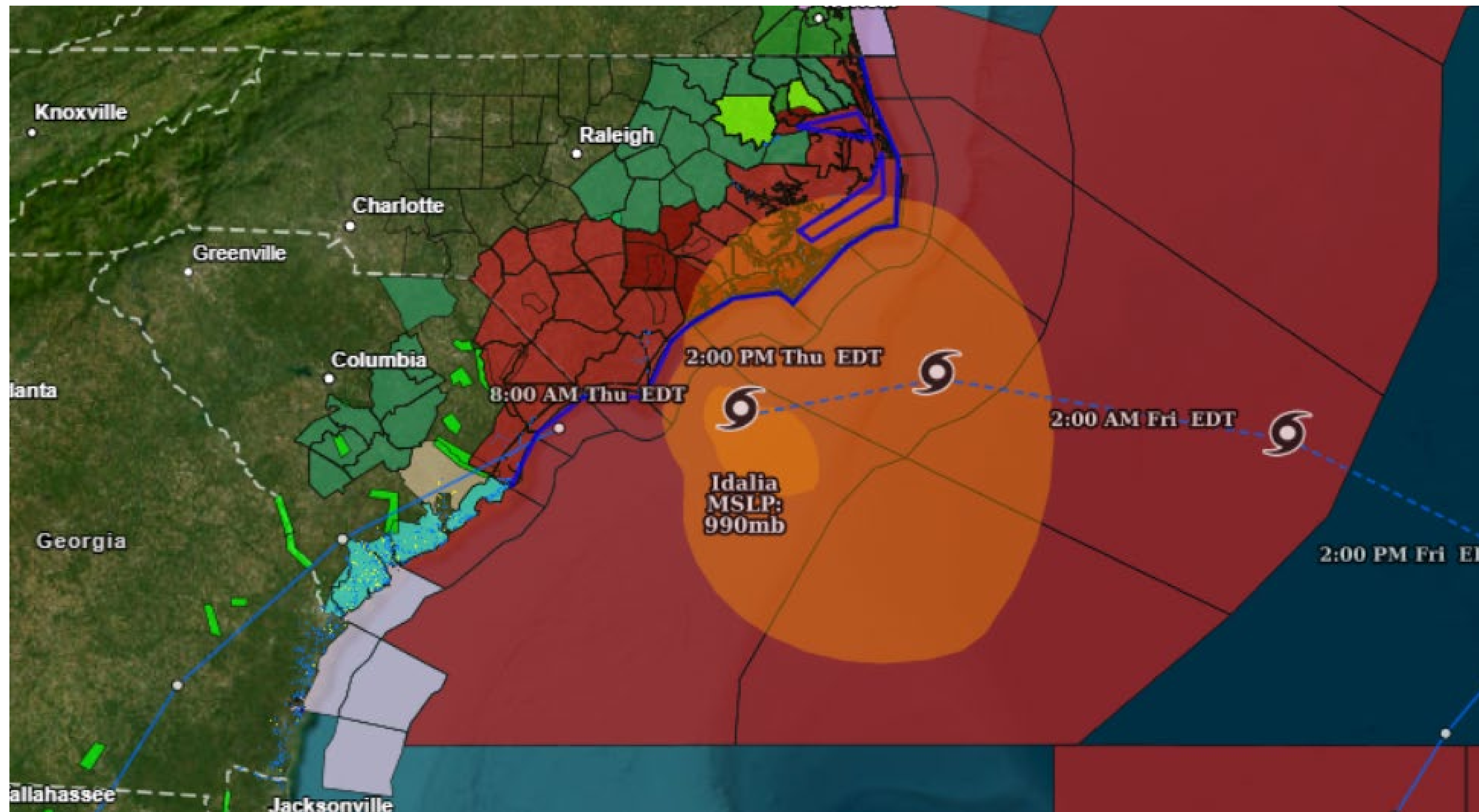
- **Idalia will turn gradually toward the E and then ESE during the next two days while slowing its forward speed**
 - **Idalia will gradually weaken and it could become a post-tropical cyclone if thunderstorm activity dissipates**
 - Current center forecast positions through the next 3 days illustrated by dots
 - White swath of potential track error added to each side of the forecast track through day 3
- ** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Tropical Storm Idalia



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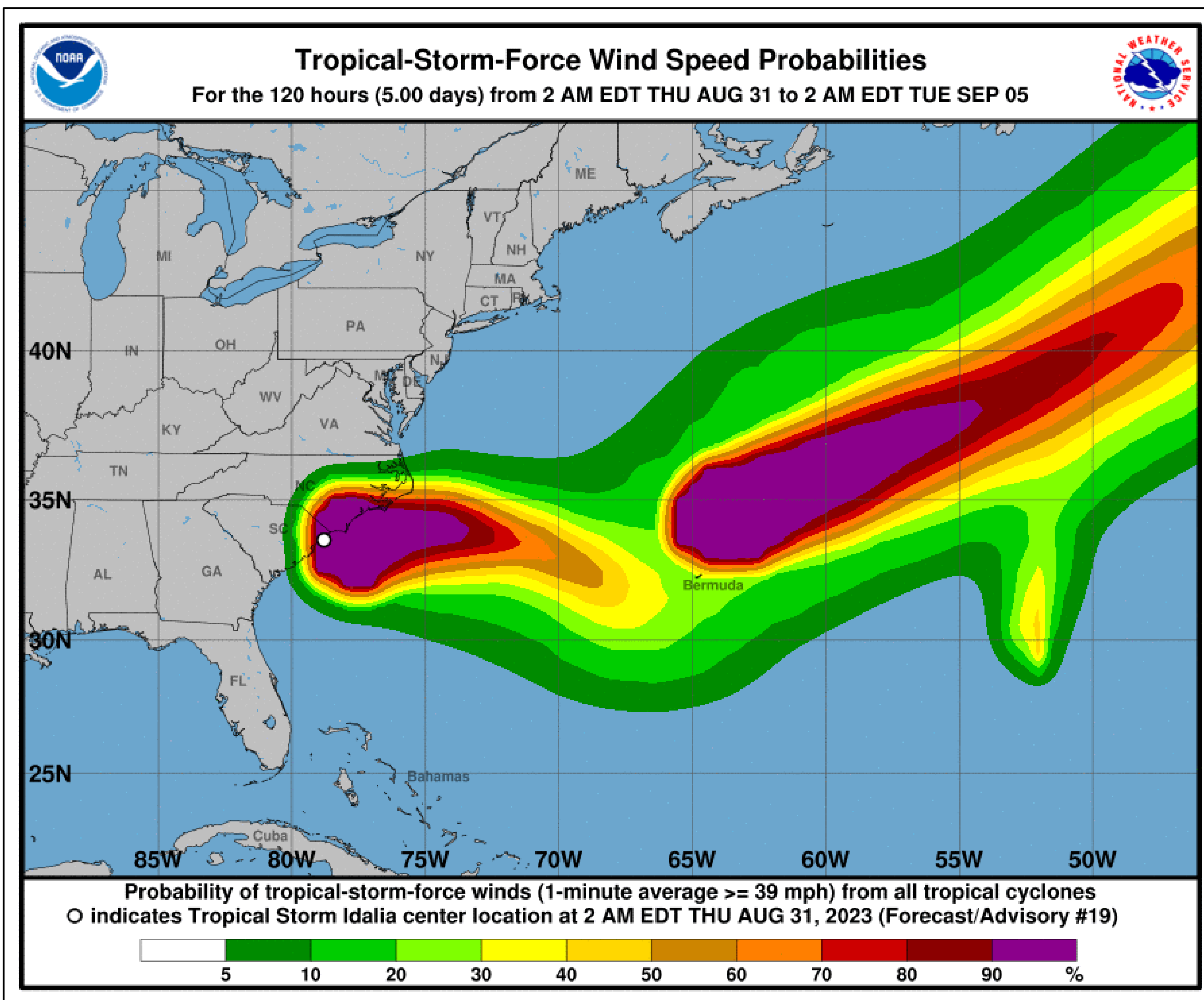
<https://nowcoast.noaa.gov/>

T.S. Wind Speed Probabilities

Tropical Storm Idalia



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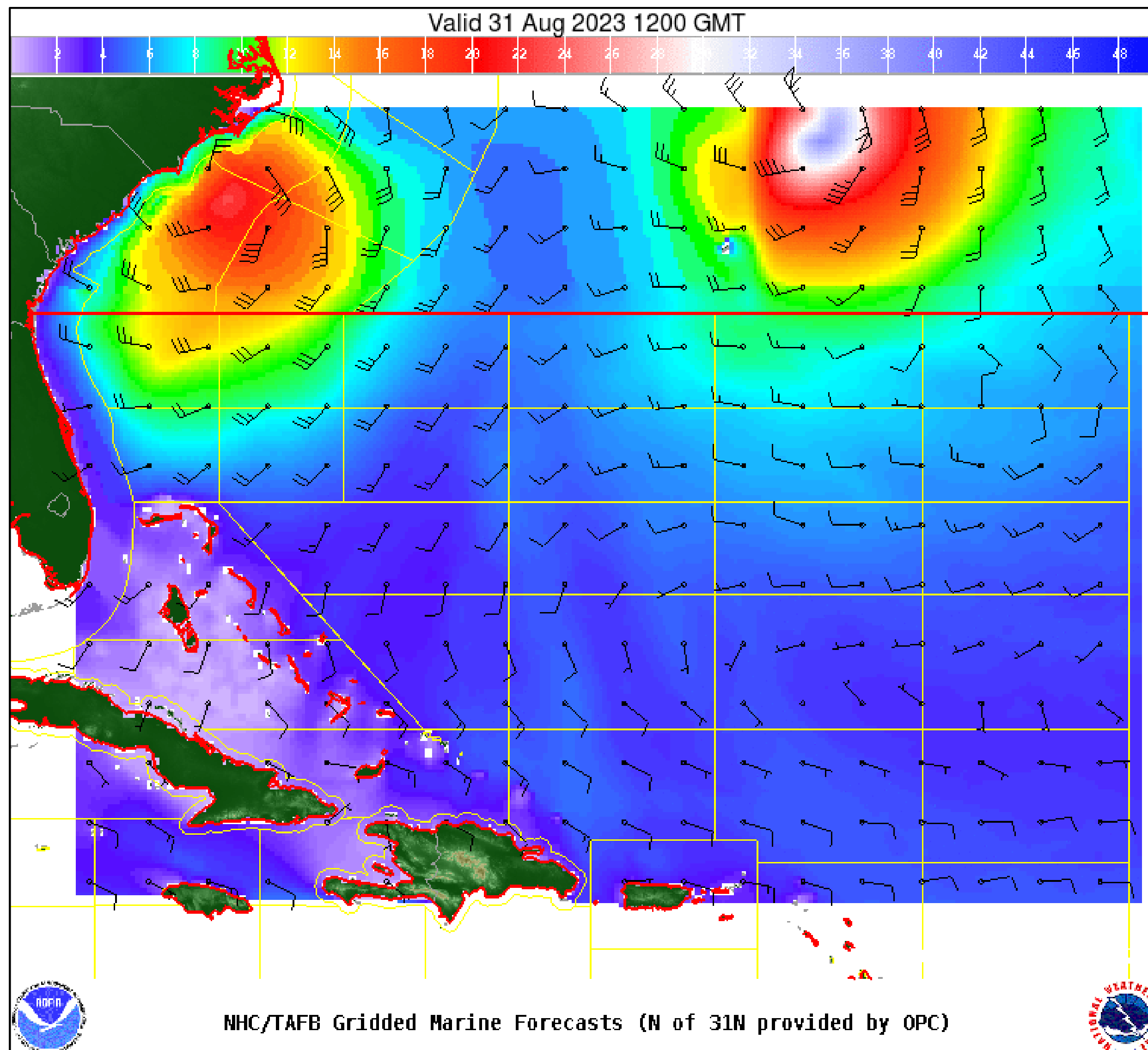
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Tropical Storm Idalia



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CURRENT CONDITIONS

8am, EDT Thursday, August 31st

Peak Winds: 50 KT

Peak Seas: 24 FT

- Wave heights are in feet



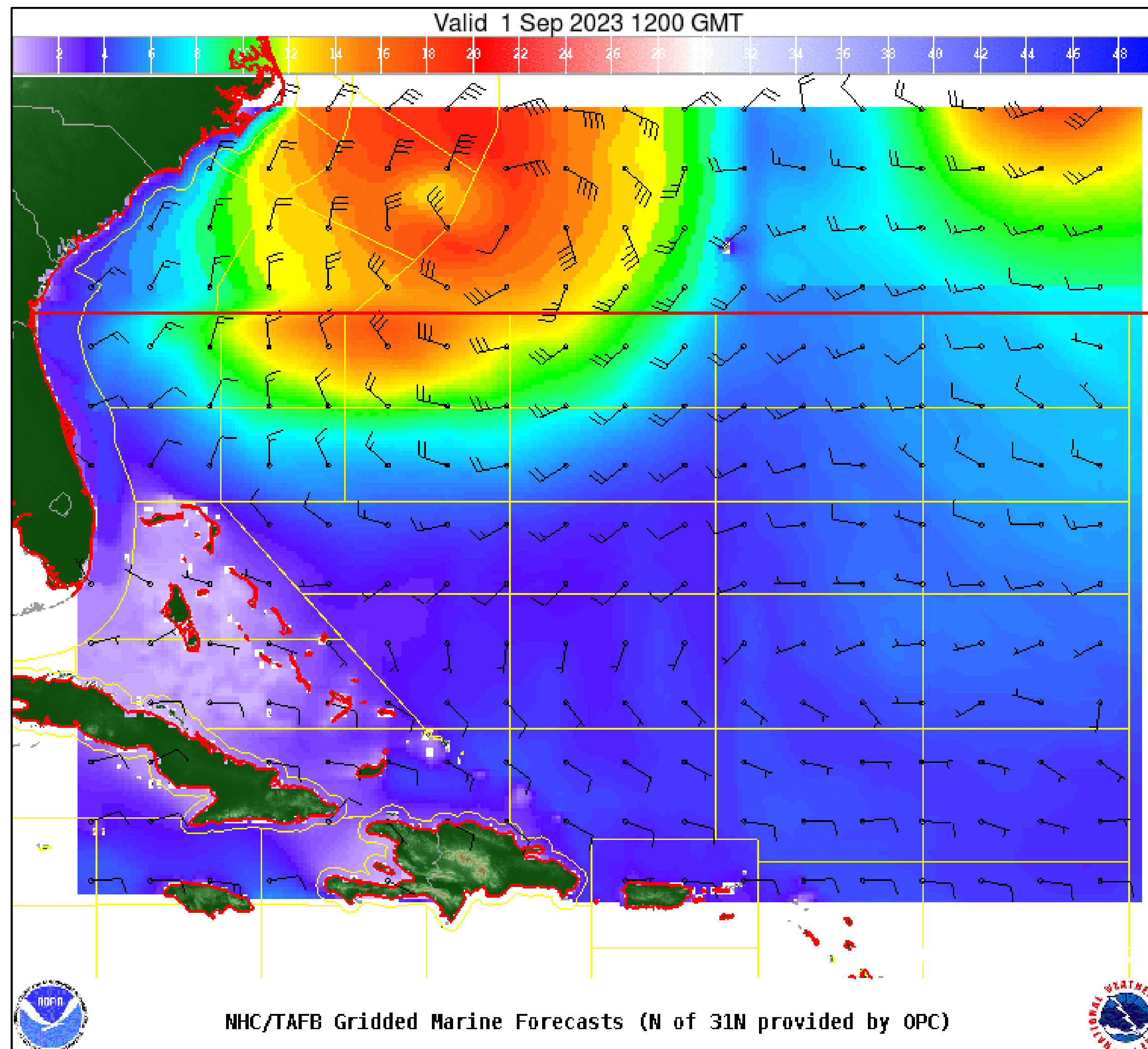
Significant Wave Height (ft)

Wind And Waves

Tropical Storm Idalia



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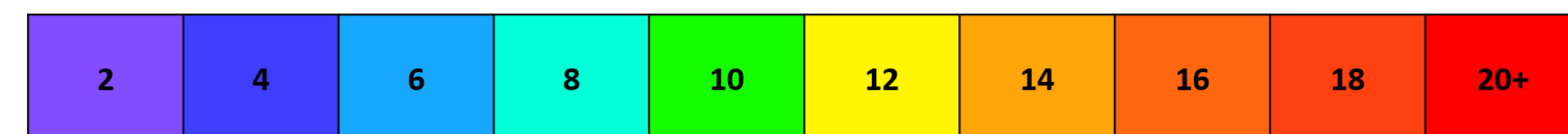
24 Hour Forecast

8am, EDT Friday, September 1st

Peak Winds: 45 KT

Peak Seas: 20 FT

- Wave heights are in feet



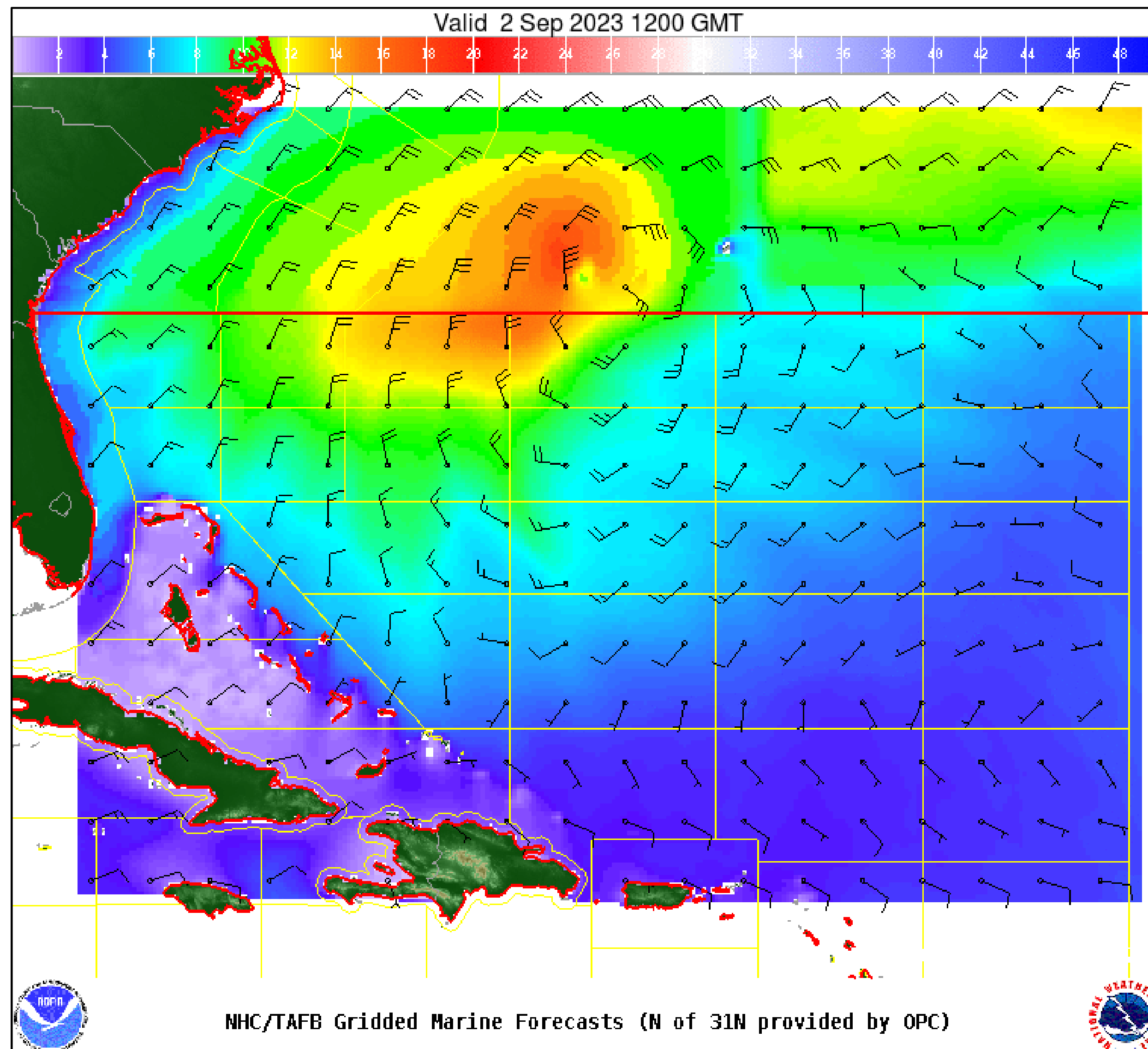
Significant Wave Height (ft)

Wind And Waves

Tropical Storm Idalia



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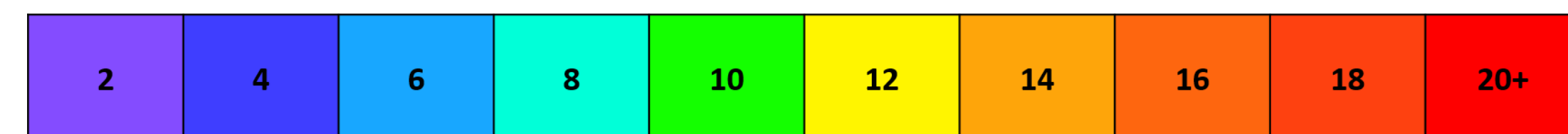
48 Hour Forecast

8am, EDT Saturday, September 2nd

Peak Winds: 40 KT

Peak Seas: 15 FT

- Wave heights are in feet



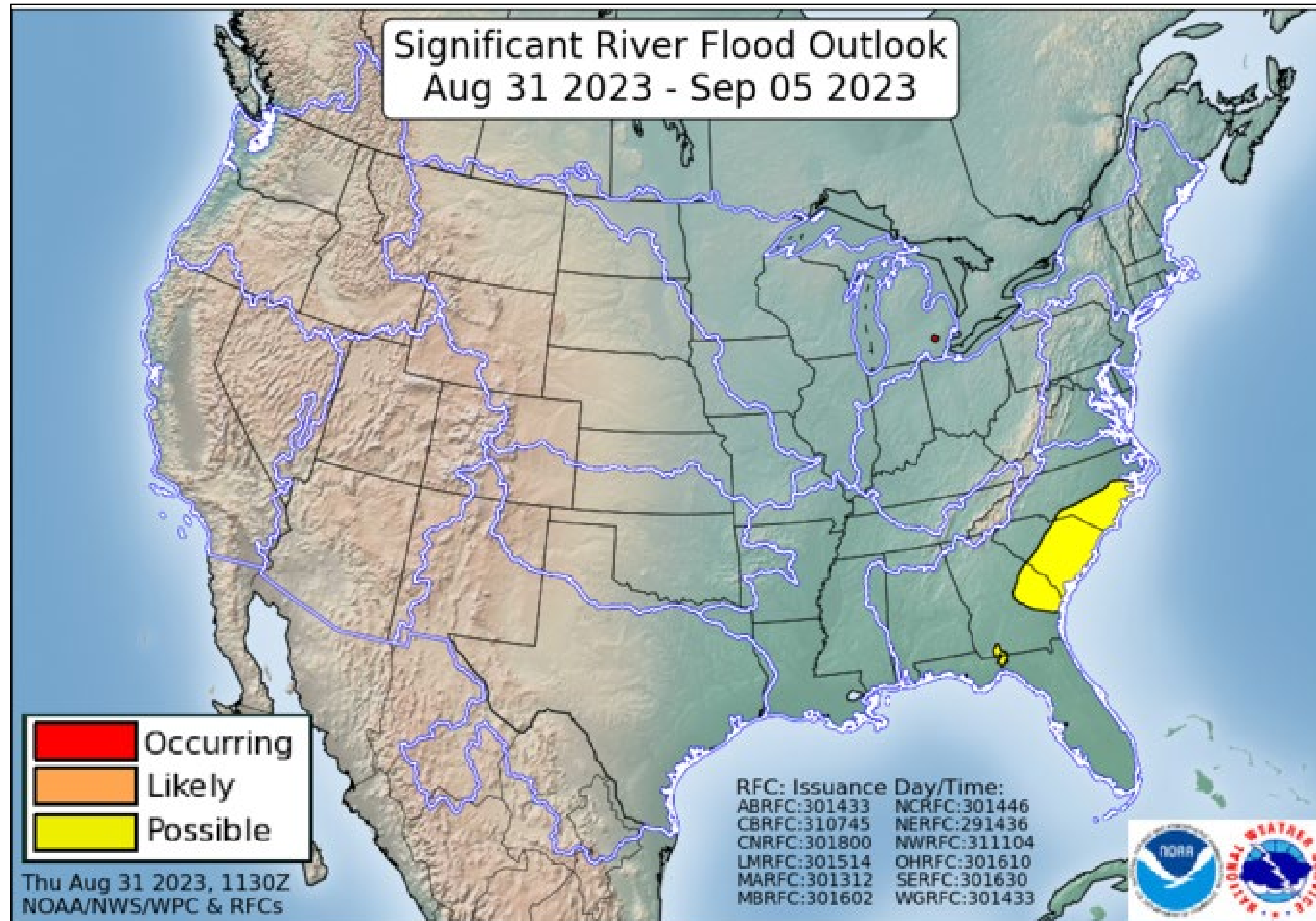
Significant Wave Height (ft)

Flood Outlook

Tropical Storm Idalia



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Key Messages

Tropical Storm Idalia



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NWS National Hurricane Center

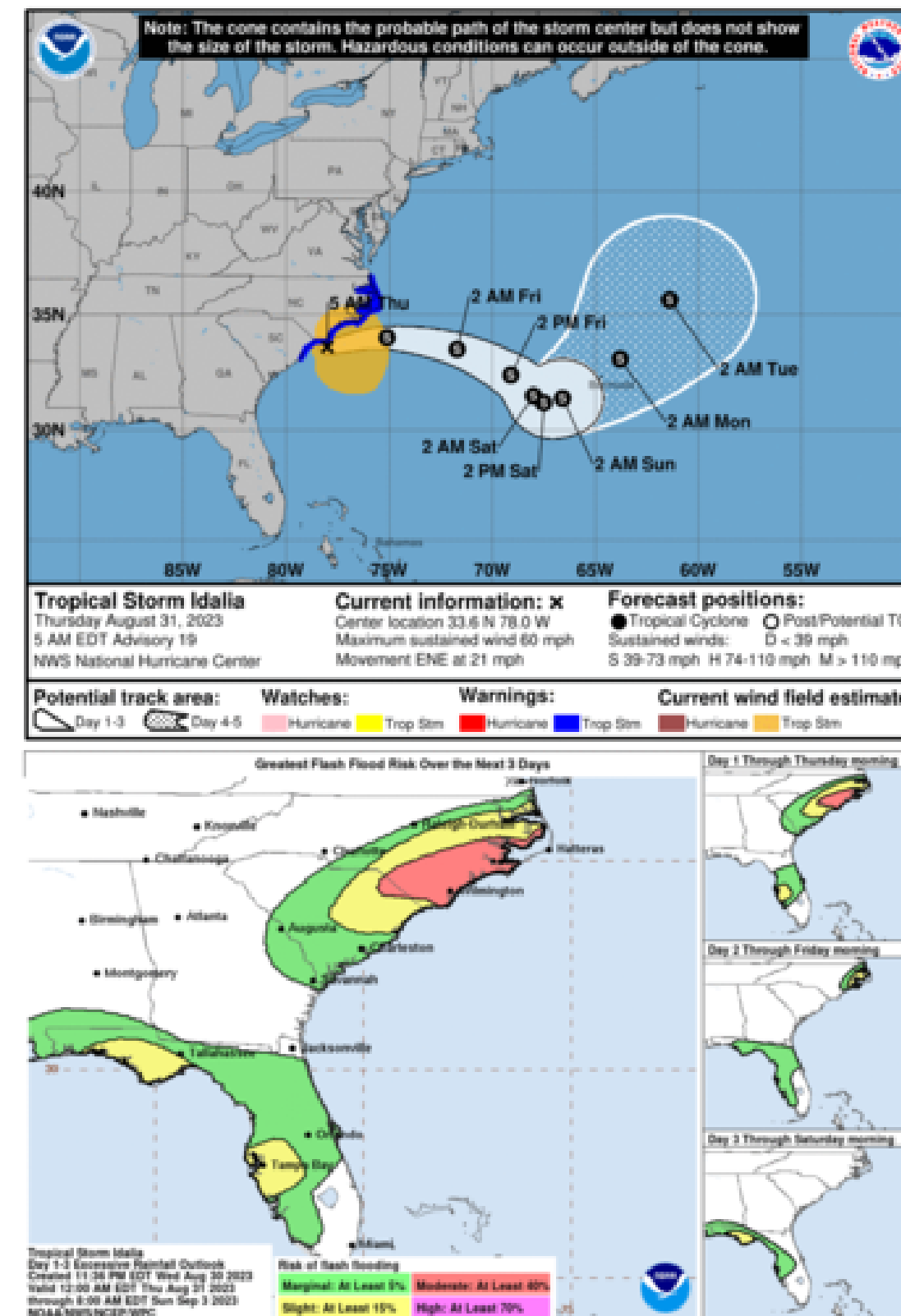


Key Messages for Tropical Storm Idalia

Advisory 19: 5:00 AM EDT Thu Aug 31, 2023



1. Areas of flash, urban, and moderate river flooding, with considerable impacts, will continue across coastal North Carolina through today.
2. Coastal flooding is expected within the Storm Surge Watch area in North Carolina today. Residents in these areas should follow any advice given by local officials.
3. Tropical storm conditions are expected in northeastern South Carolina and portions of eastern North Carolina today.



For more information go to hurricanes.gov

IMPACTS FOR **D7** (through next 3 days)

Winds – Moderate

Storm Surge – None

Rainfall/Flash Flooding – None

Tornadoes – None

Waves - High

Atlantic:

Seas current peak at 24 ft off the NE Florida/GA/lower SC coast this morning
Conditions will improve off the SE US coast by tonight, but remain rough seas over the High Seas



TROPICAL STORM IDALIA BRIEFING

You can contact the Tropical Analysis and Forecast Branch at
305-229-4424

You can always find get the latest graphics and information for this storm at www.hurricanes.gov



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