

**IMPACTS FOR D7 (through next 5 days)**

**Winds – Low**

**Storm Surge – Moderate**

**Rainfall/Flash Flooding – Low**

**Tornadoes – None**

**Waves - Extreme**

# HURRICANE MILTON BRIEFING



9:00 AM EDT  
Thursday, October 10, 2024

Prepared by:  
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*Tropical Analysis and Forecast Branch  
NWS National Hurricane Center*





# What's New Since Last Briefing

Hurricane Milton



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

**...EXTREMELY DANGEROUS CATEGORY 3 HURRICANE  
MILTON MAKES LANDFALL NEAR SIESTA KEY  
FLORIDA...**

**SUMMARY OF 830 PM EDT...INFORMATION**

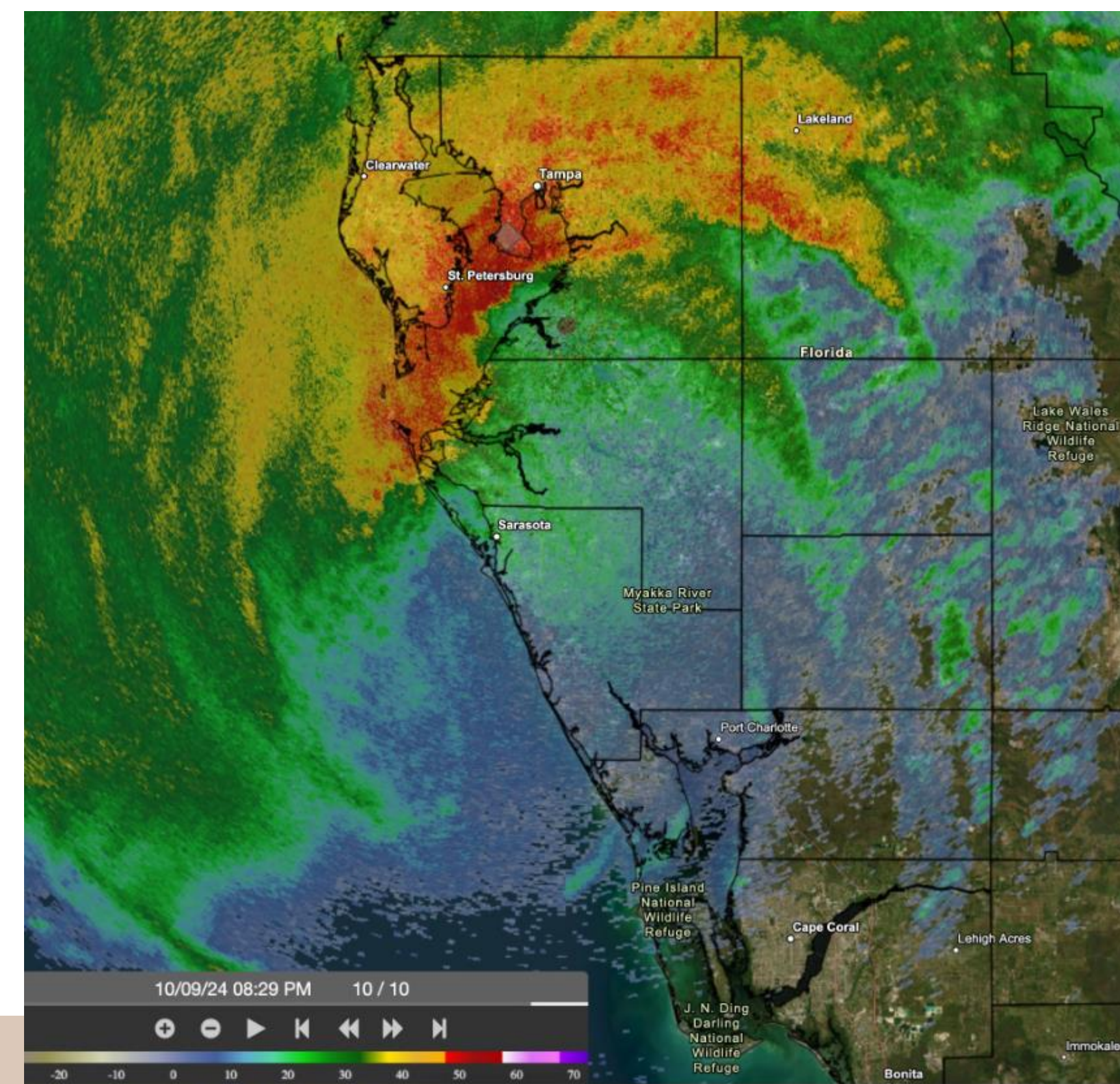
**LOCATION...27.3N 82.6W  
ABOUT 5 NM W OF SARASOTA FLORIDA  
ABOUT 100 NM SW OF ORLANDO FLORIDA  
MAXIMUM SUSTAINED WINDS...105 KT  
MINIMUM CENTRAL PRESSURE...954 MB**

**Peak observed wind:**

**78 kt and a gust of 91 kt at a UF Sentinel/WeatherFlow  
station in Venice.**

**Largest rainfall (through 10pm last night):**

**St. Petersburg Albert Whitted Airport 17.24 inches**



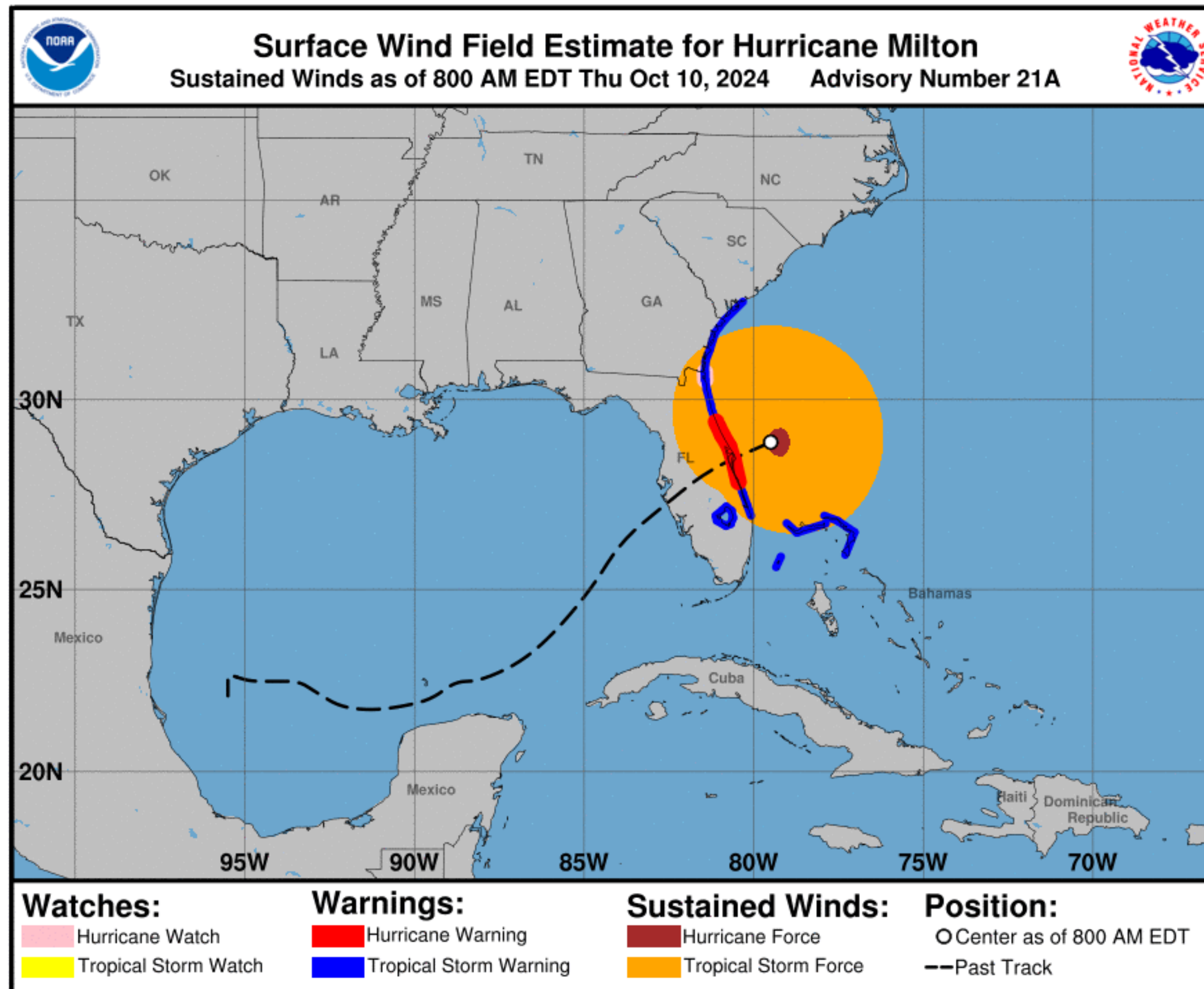


# Situation Overview

## Hurricane Milton



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...CENTER OF MILTON PULLING AWAY FROM THE  
EAST COAST OF FLORIDA...

...STRONG GUSTY WINDS AND HEAVY RAINFALL  
STILL OCCURRING NEAR THE  
SPACE COAST...

SUMMARY OF 800 AM EDT...1200  
UTC...INFORMATION

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LOCATION...28.9N 79.5W  
ABOUT 65 NM ENE OF CAPE CANAVERAL FLORIDA

MAXIMUM SUSTAINED WINDS...75 kt

PRESENT MOVEMENT...ENE at 16 kt

64 KT..... 30NE 30SE 0SW 0NW.  
50 KT..... 60NE 60SE 70SW 80NW.  
34 KT..... 180NE 170SE 110SW 180NW.  
12 FT SEAS.. 150NE 180SE 480SW 300NW

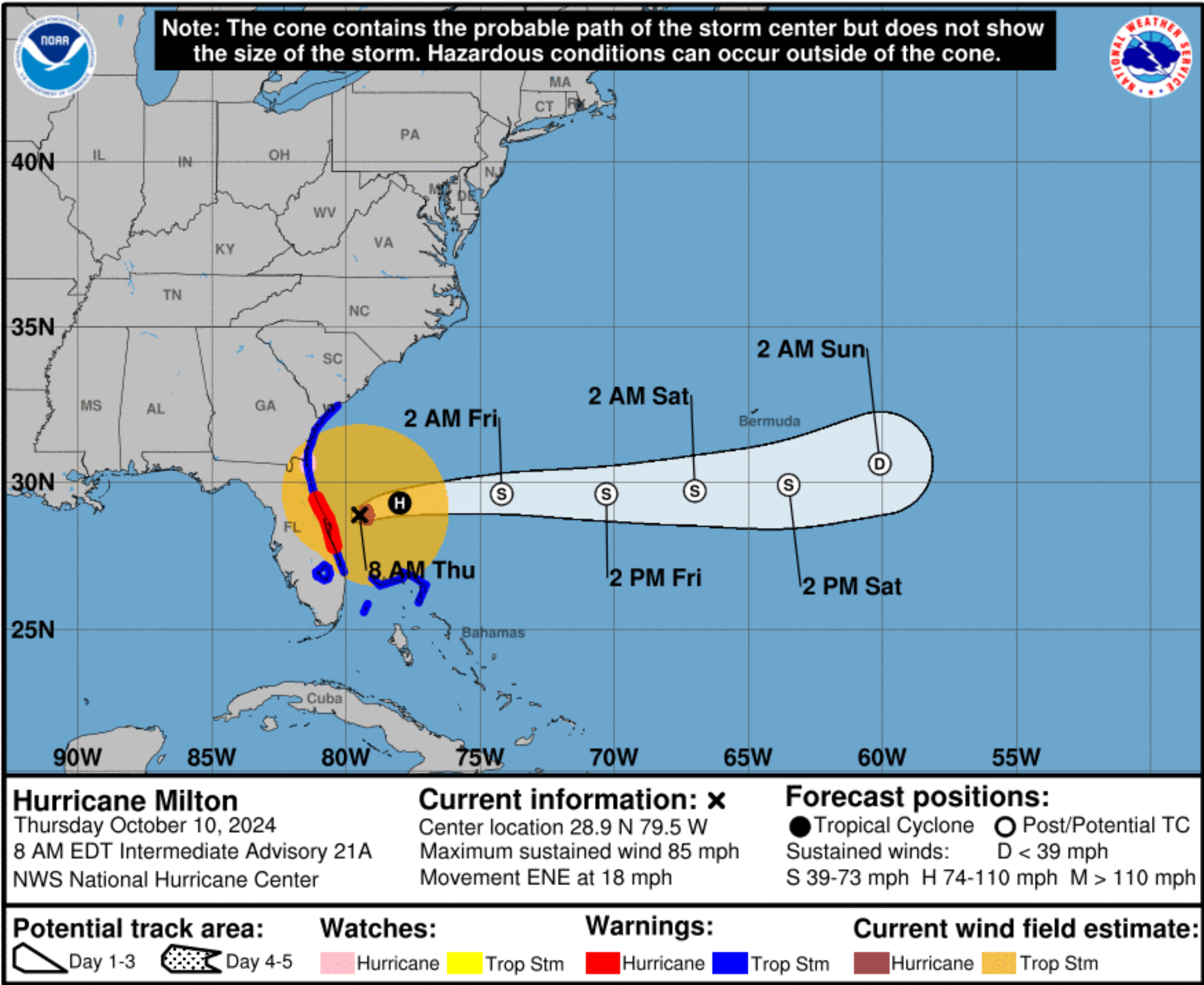


# Forecast Information

## Hurricane Milton



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- Milton will continue moving eastward away from Florida, while weakening

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

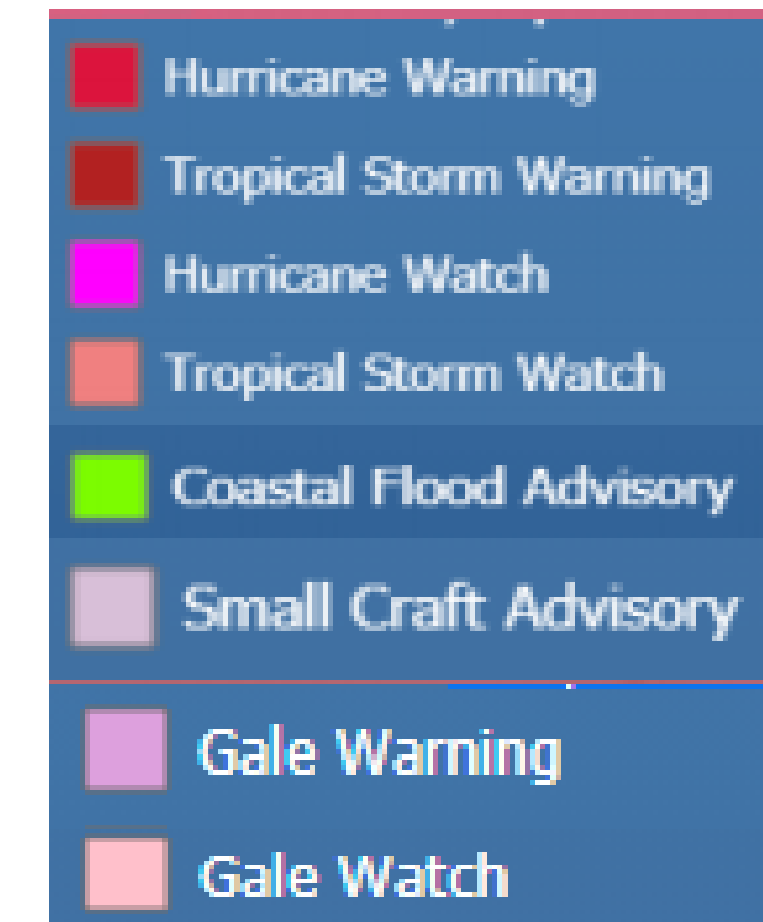
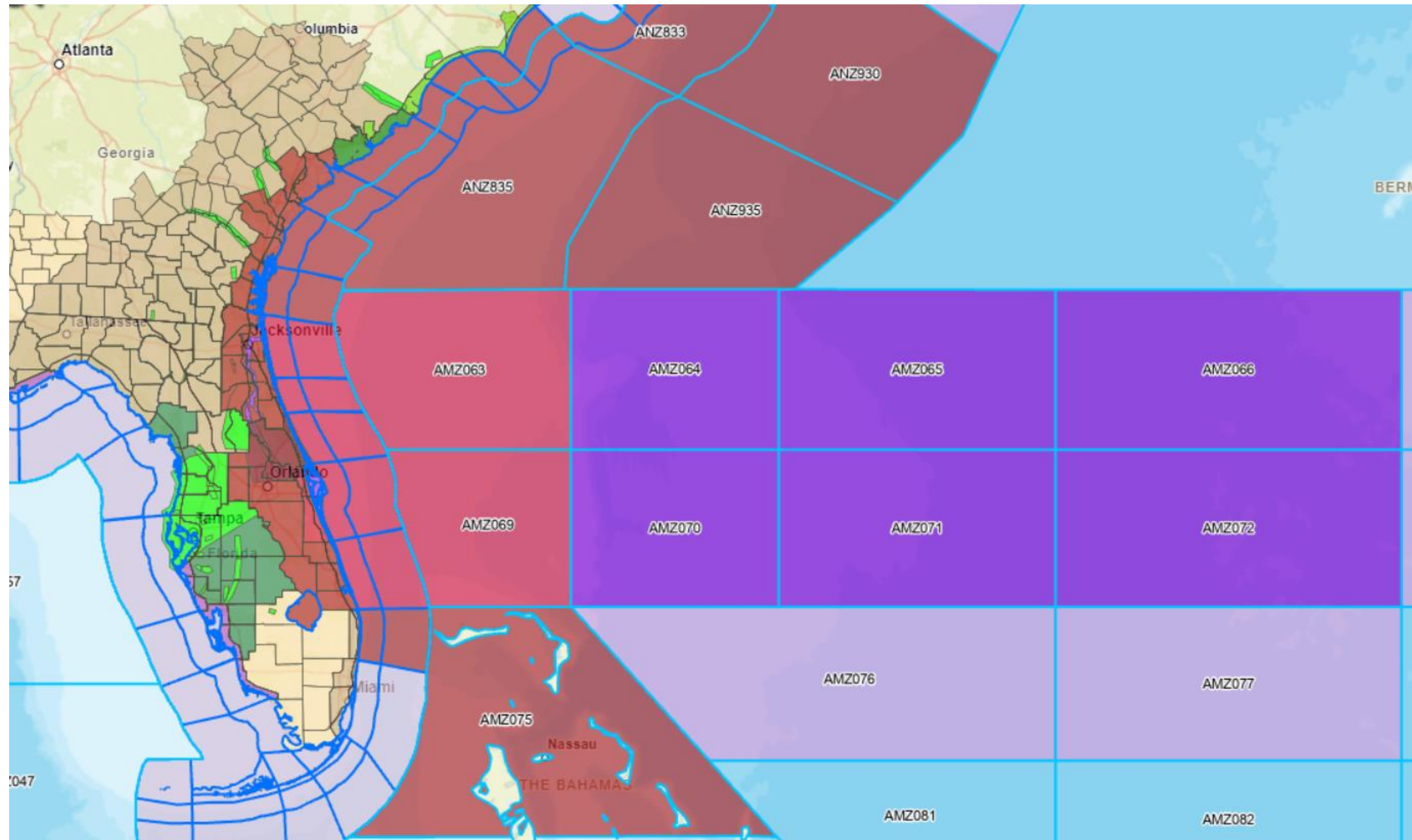


# Hazards Map

## Hurricane Milton



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NWS National Hurricane Center

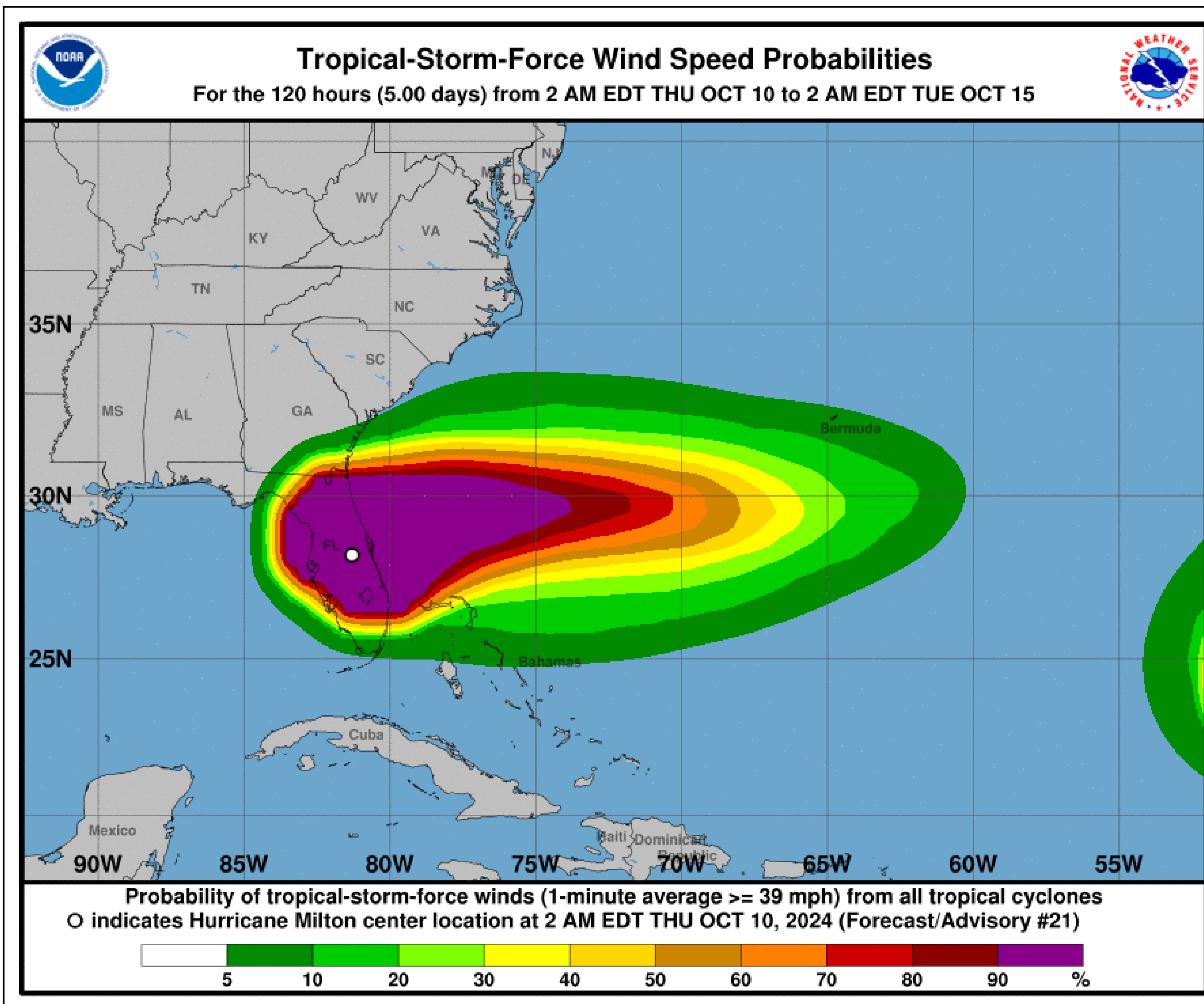


# T.S. Wind Speed Probabilities

Hurricane Milton



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■ ALL FLORIDA IMPACTS ENDING SOON

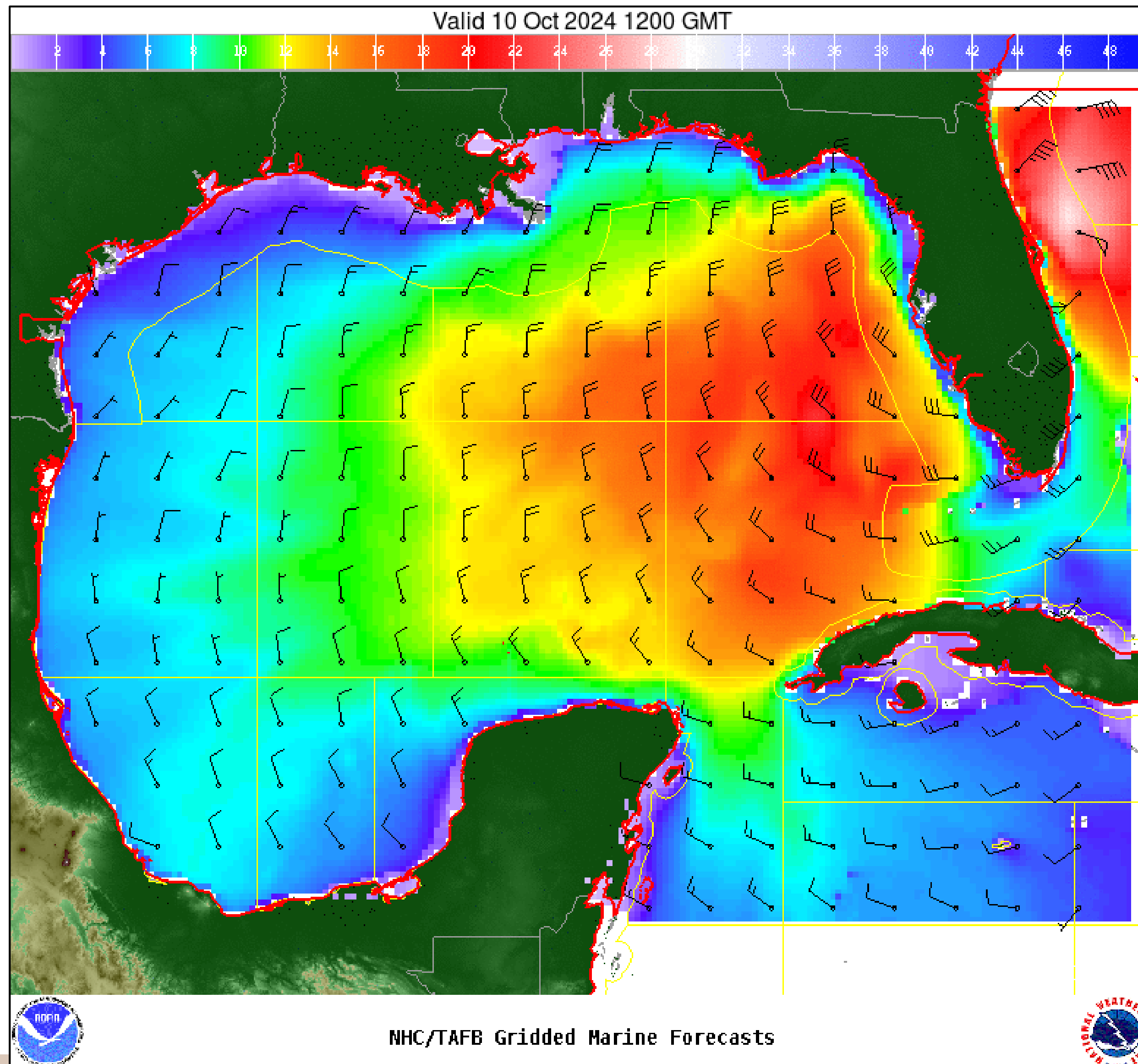


# Wind And Waves: Gulf of Mexico

Hurricane Milton



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Current Conditions

Peak Winds: 30 kt

Peak Seas: 20 ft

■ Wave heights are in feet



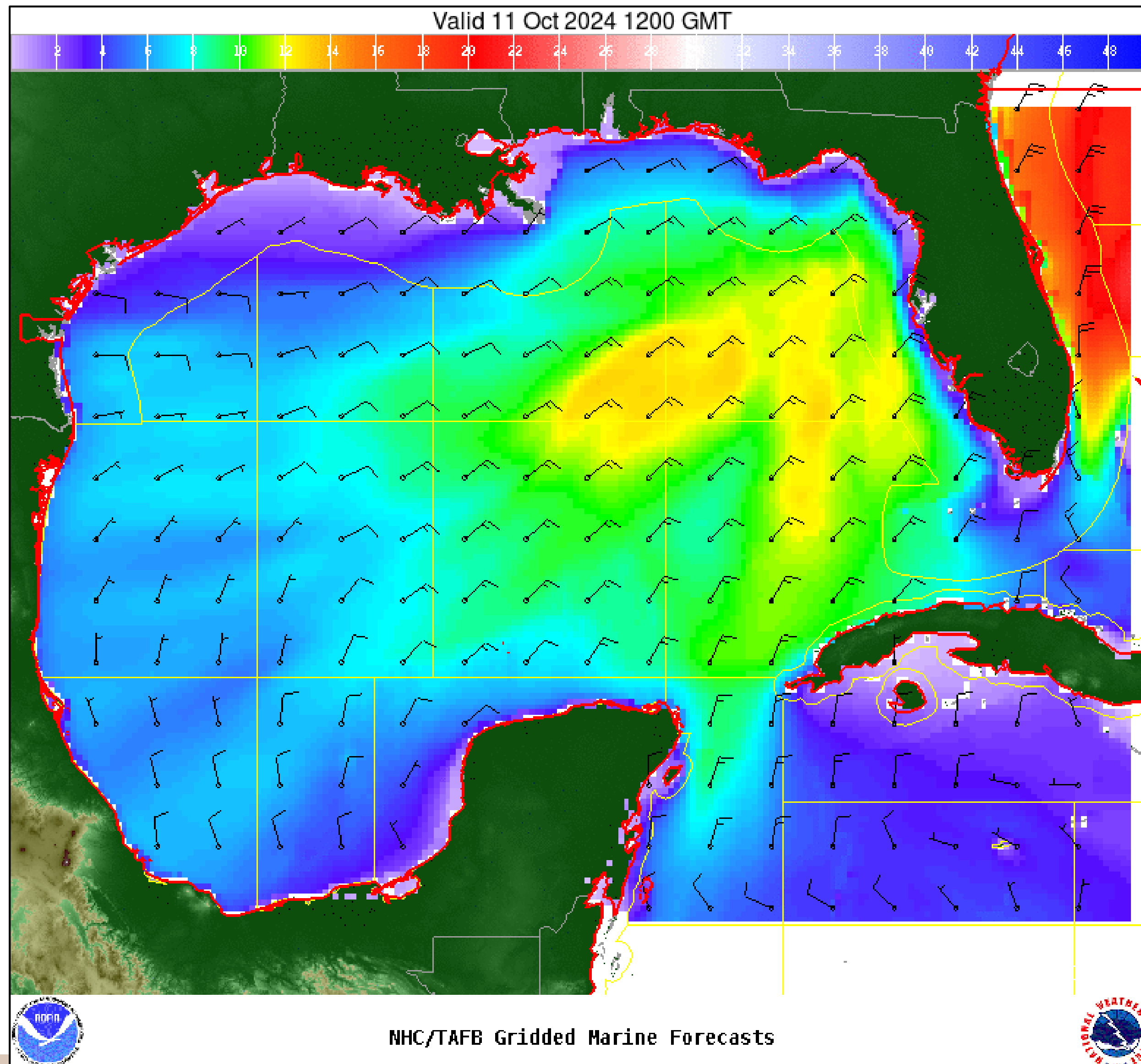
Significant Wave Height (ft)

# Wind And Waves: Gulf of Mexico

Hurricane Milton



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



Friday Morning Oct 11 8 AM EDT

Peak Winds: 20 kt

Seas 12 ft

■ Wave heights are in feet



Significant Wave Height (ft)

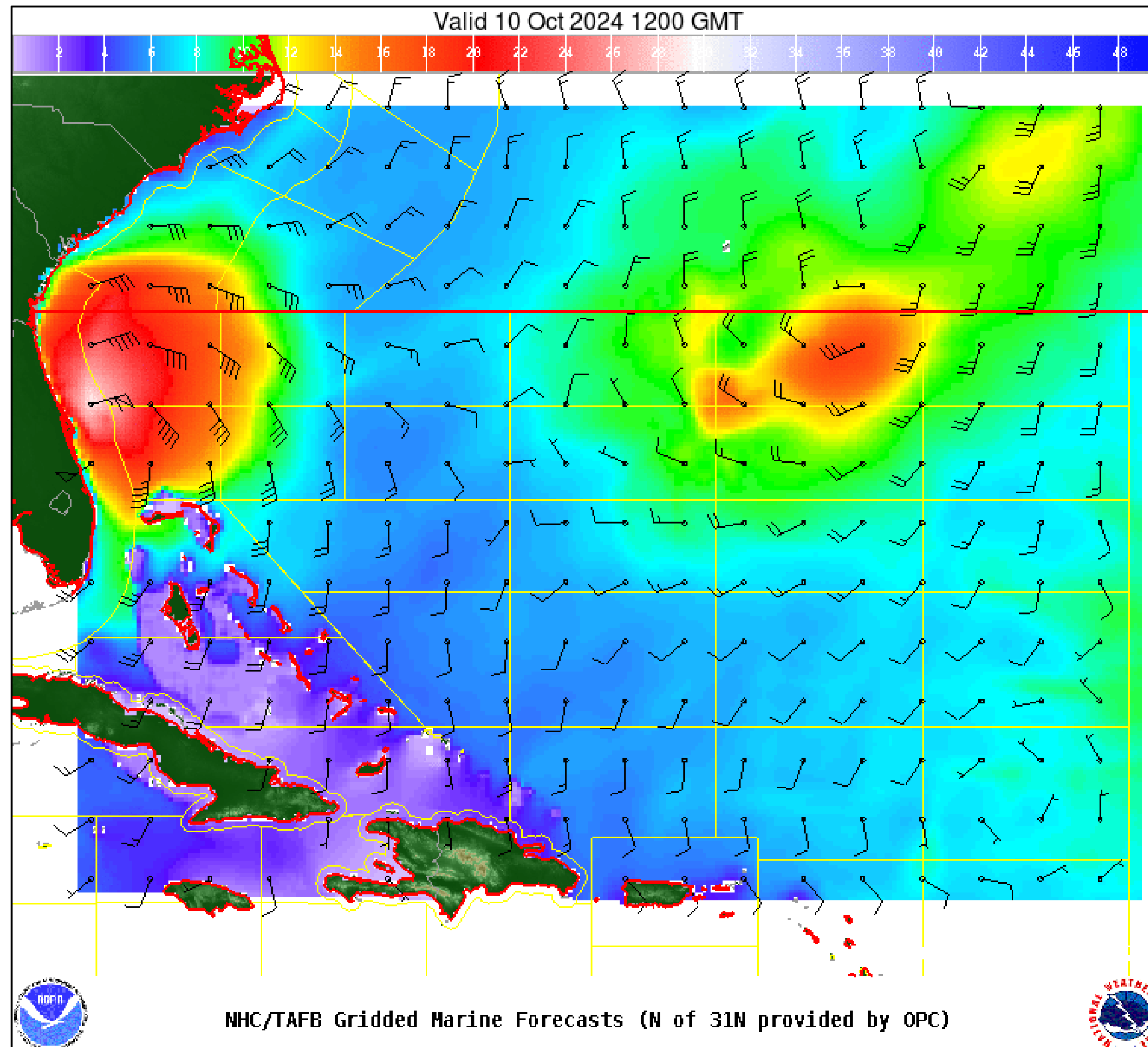


# Wind And Waves: Atlantic

## Hurricane Milton



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### Current Conditions

Peak Winds: 75 kt

Peak Seas: 25 ft

- Wave heights are in feet



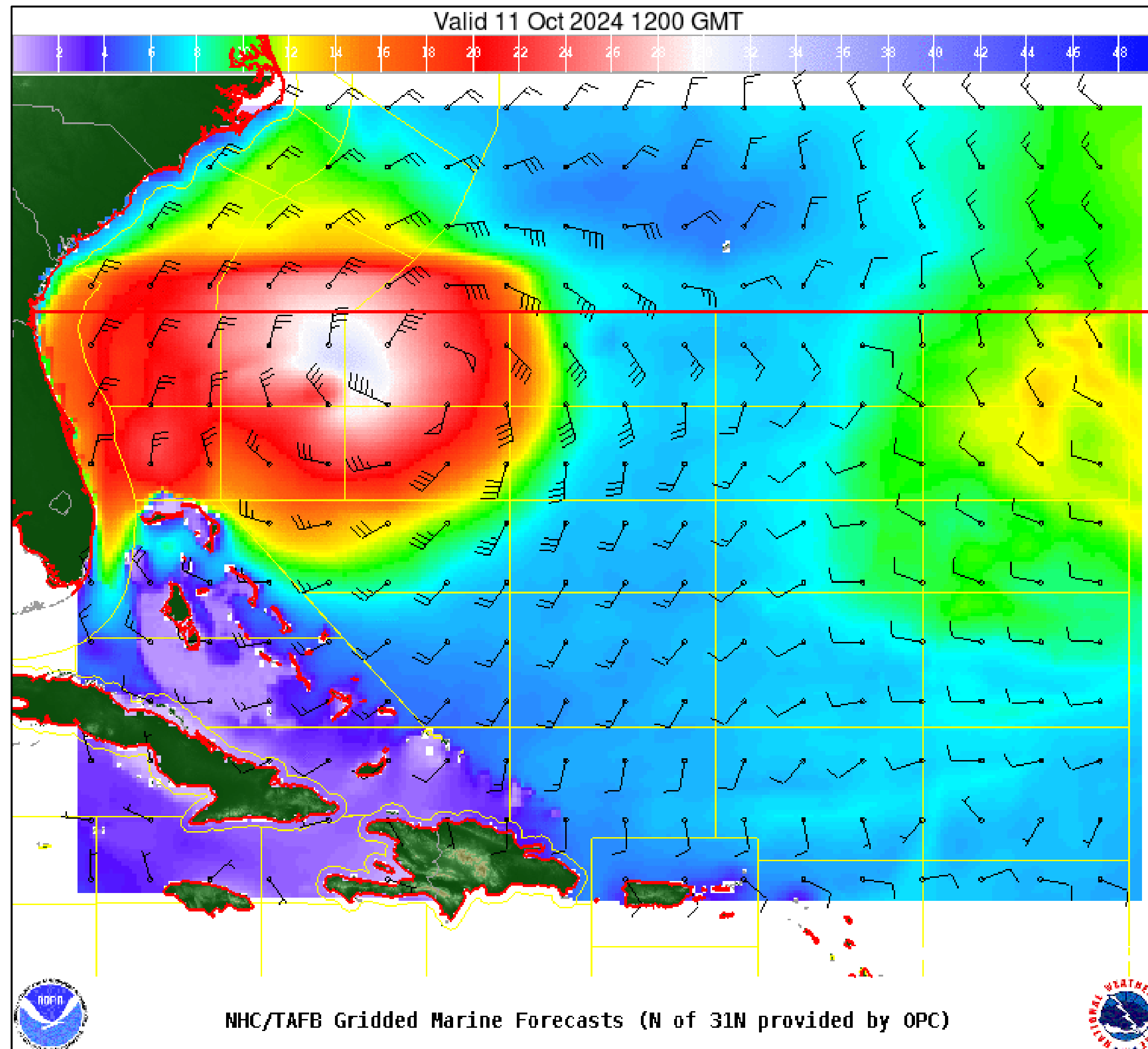
Significant Wave Height (ft)

# Wind And Waves: Atlantic

Hurricane Milton



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Friday Morning Oct 11 8 AM EDT

Peak Winds: 55 kt

Seas 30 ft

■ Wave heights are in feet



Significant Wave Height (ft)

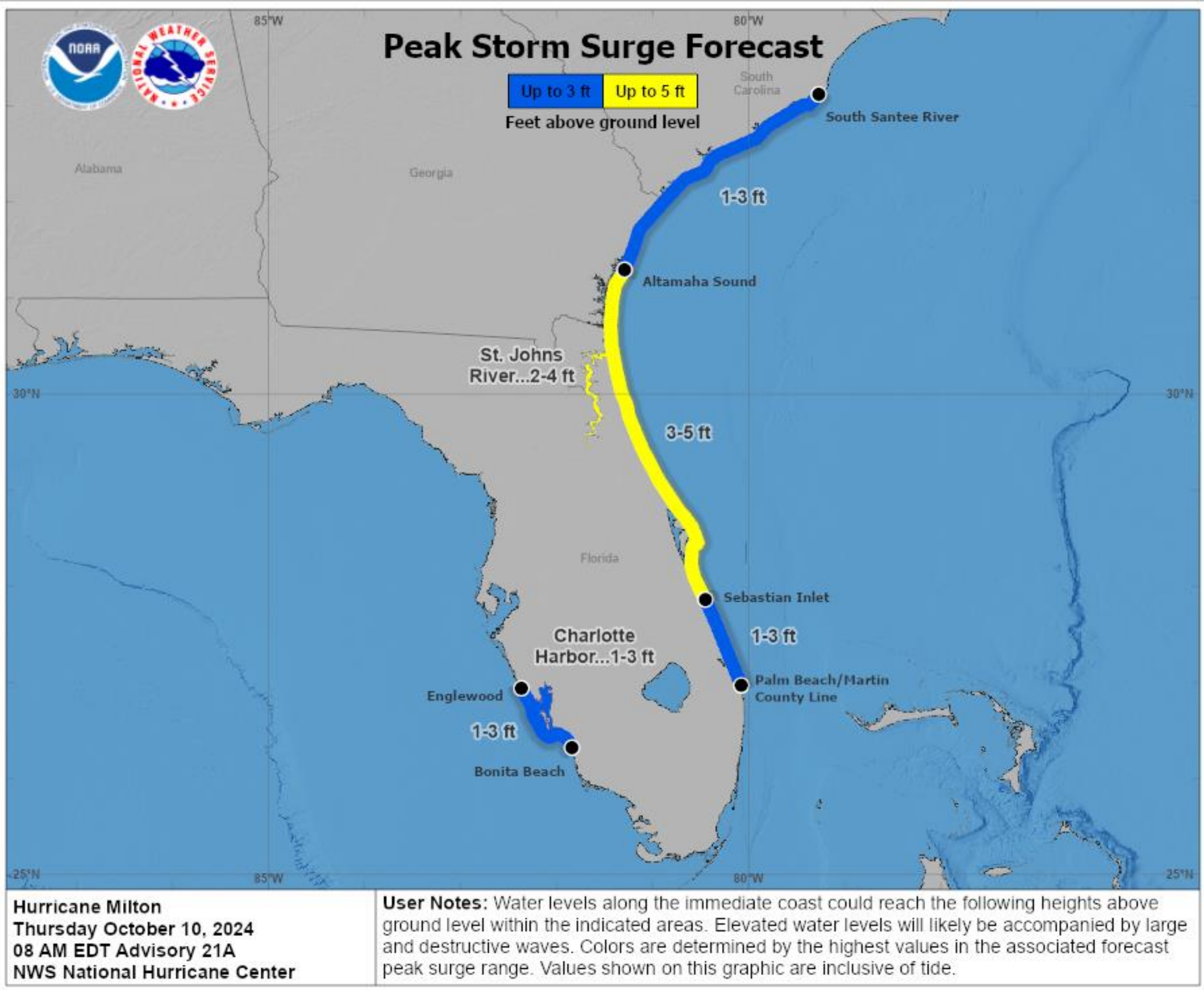


# Potential Peak Storm Surge / Watches and Warnings

Hurricane Milton



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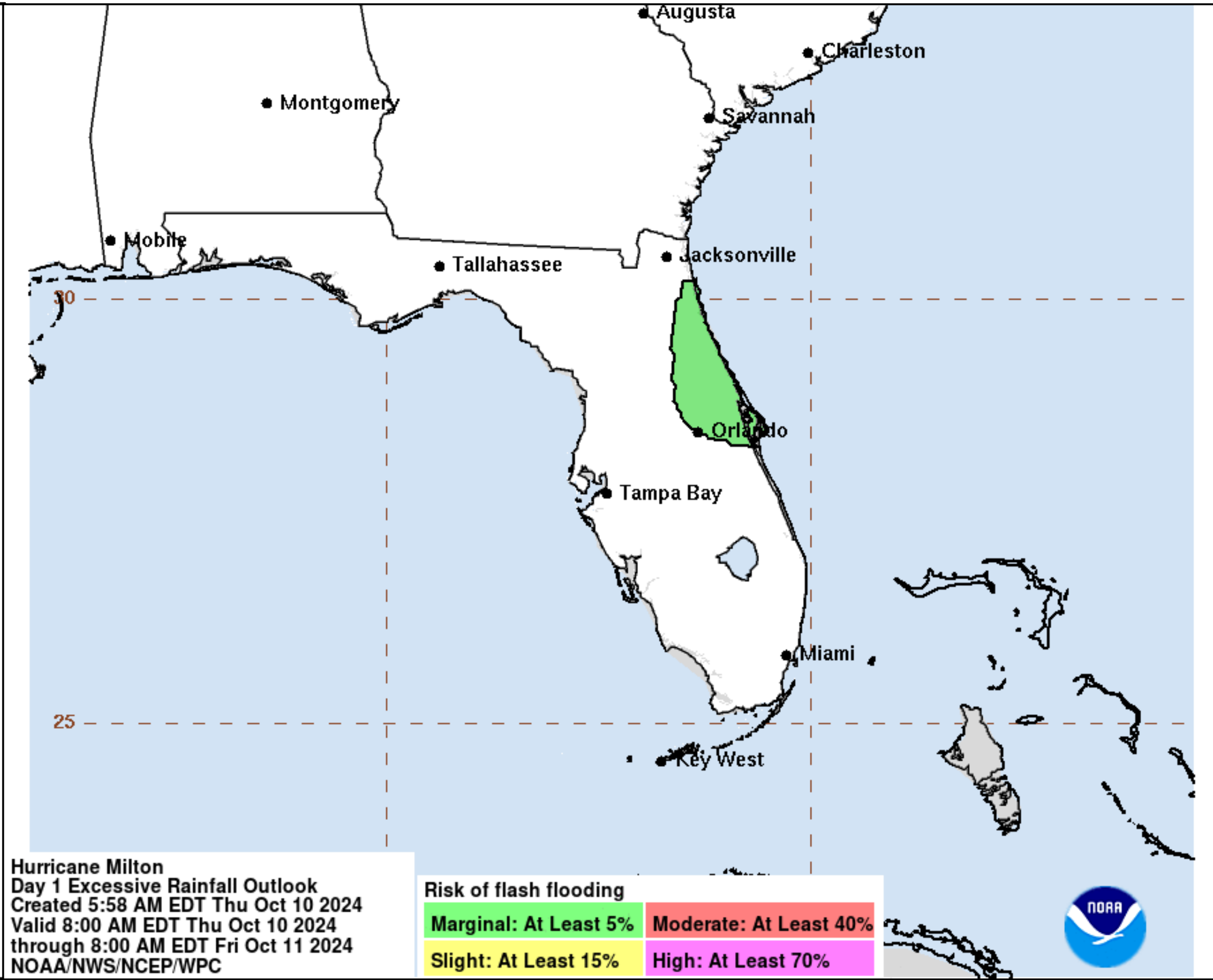
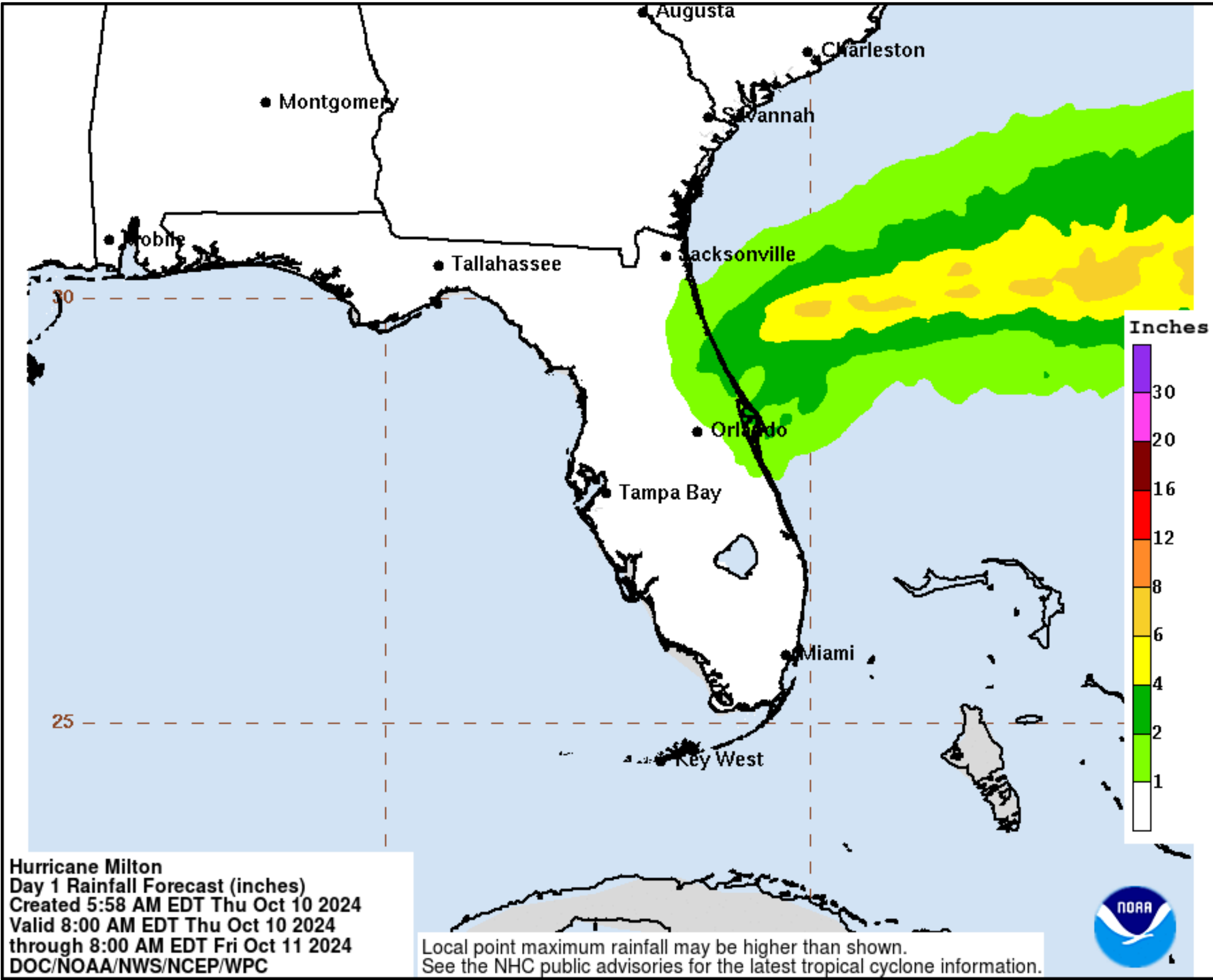
# Expected Storm Total Rainfall and Chance of Rainfall Flooding

Hurricane Milton

Images from NWS Weather Prediction Center



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



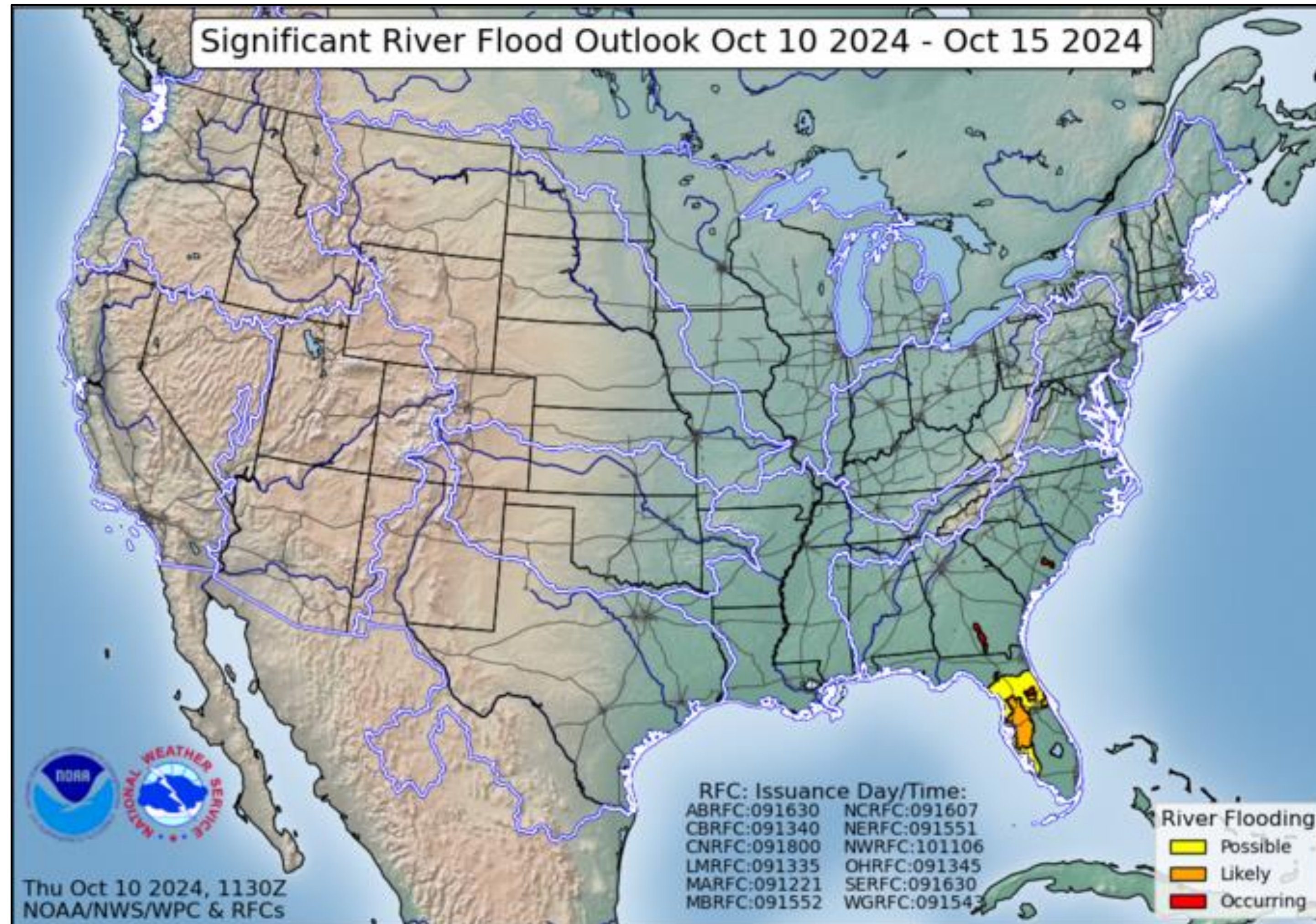


# Flood Outlook

Hurricane Milton



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NWS National Hurricane Center



- Likely River Flooding in north Florida after Milton passes through



# Key Messages

## Hurricane Milton



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### Key Messages for Hurricane Milton

Advisory 21: 5:00 AM EDT Thu Oct 10, 2024



1. There is a danger of life-threatening storm surge along the coast from east-central Florida northward to southern Georgia, where a Storm Surge Warning remains in effect.

2. Damaging hurricane-force winds, especially in gusts, will continue for a few more hours in east-central and northeastern Florida. Residents are urged to remain in an interior room and away from windows.

3. Heavy rainfall across the central to northern Florida Peninsula through this morning continues to bring the risk of considerable flash and urban flooding along with moderate to major river flooding, especially in areas where coastal and inland flooding combine to increase the overall flood threat.







# HURRICANE MILTON BRIEFING

*The Next Briefing Will Be:  
Thursday 4:00 PM EDT*

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



NHC\_TAFB

[www.nhc.noaa.gov](http://www.nhc.noaa.gov)