

IMPACTS FOR D8

Winds/US Coast – Moderate

Winds/SRR – High

Waves/US Coastal – Moderate

Waves/SRR – High

through next 5 days

US Storm Surge – Low

US Rainfall/Flash Flooding – Low

US Tornadoes – None

HURRICANE MILTON BRIEFING



11:00 AM CDT
Wednesday, October 9, 2024

Prepared by:
Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

www.nhc.noaa.gov

What's New Since Last Briefing

Hurricane Milton



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NWS National Hurricane Center

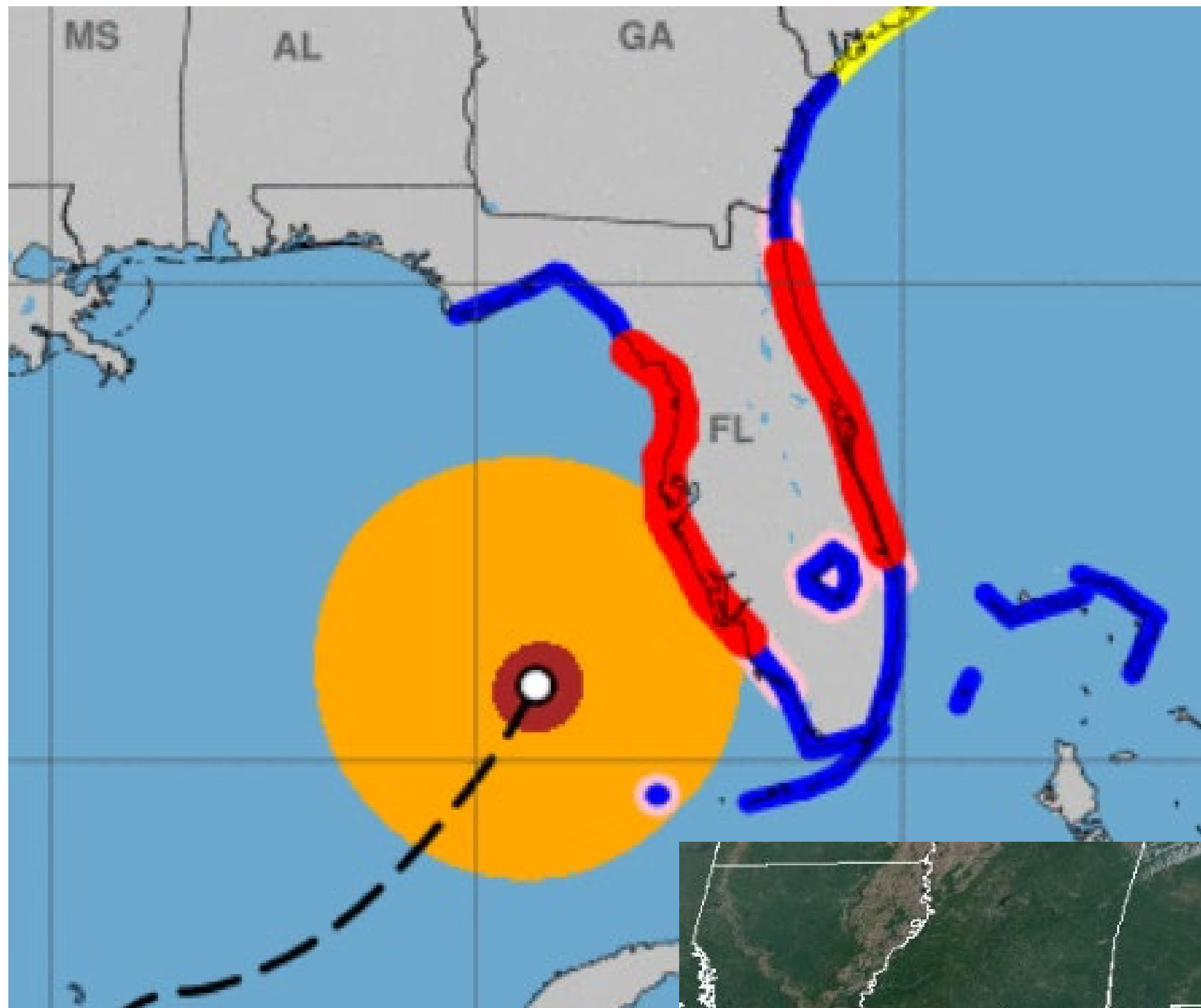
- **Wind/Wave impacts over D8's SRR diminishing quickly**
- **Milton much larger in size today, but still Category 4 intensity**

Situation Overview

Hurricane Milton



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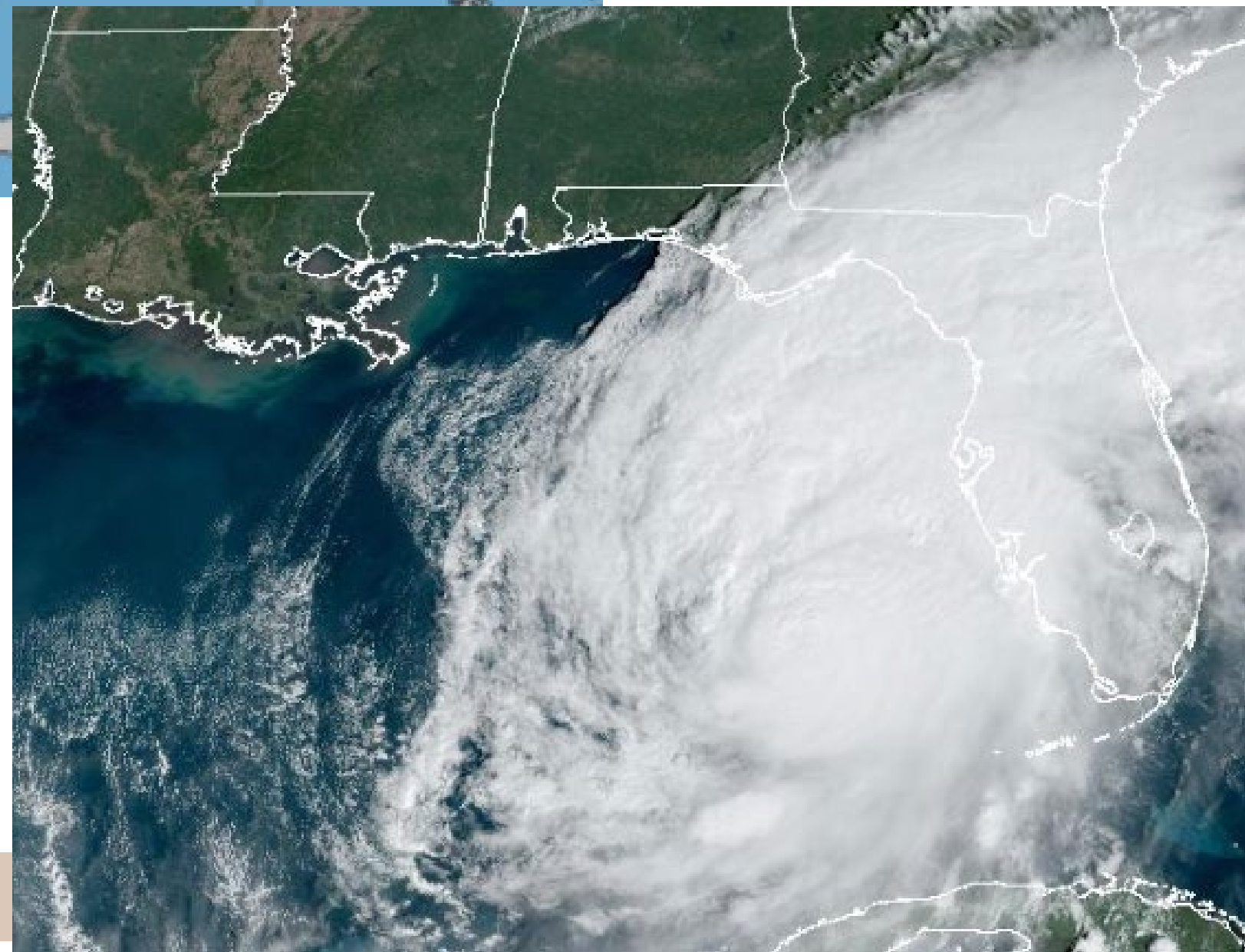


**...TORNADIC SUPERCELLS FROM MILTON
BEGINNING TO SWEEP ACROSS THE
SOUTHERN FLORIDA PENINSULA...
...THE TIME TO PREPARE, INCLUDING
EVACUATE IF TOLD DO SO, IS QUICKLY
COMING TO AN END ALONG THE
FLORIDA WEST COAST...**

SUMMARY OF 1000 AM CDT INFORMATION

LOCATION...25.8N 84.3W
ABOUT 135 NM WSW OF FT. MYERS FLORIDA
ABOUT 160 NM SW OF TAMPA FLORIDA
MAXIMUM SUSTAINED WINDS...125 KT
PRESENT MOVEMENT...NE AT 15 KT

SIZE:
64 KT..... 30NE 30SE 30SW 25NW.
34 KT..... 140NE 120SE 130SW 150NW.
12 FT SEAS.. 150NE 180SE 360SW 360NW.
PEAK SEAS 40 FT

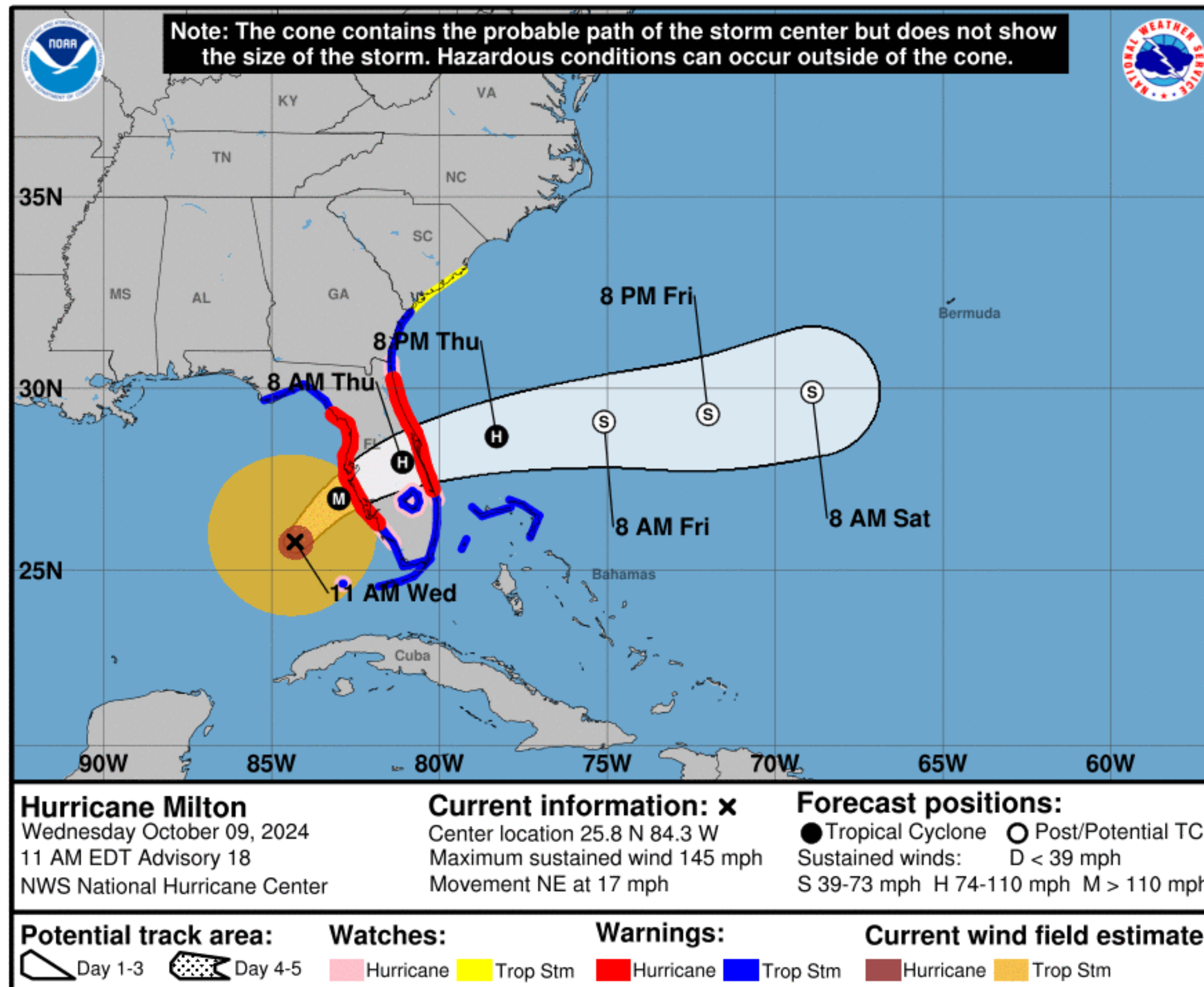


Forecast Information

Hurricane Milton



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

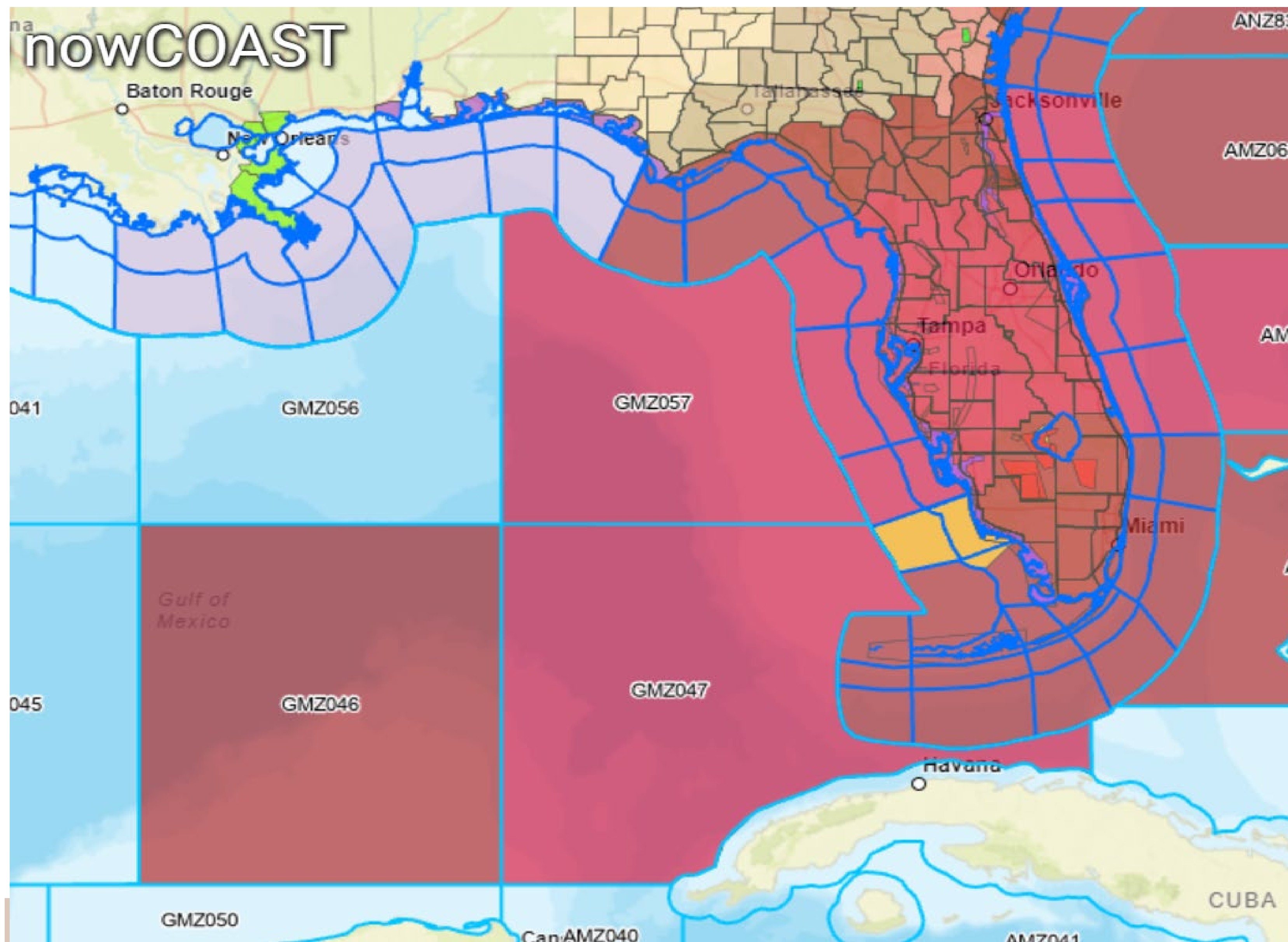
- **Milton will move toward the northeast at about the same speed through Thursday**
 - **The major hurricane will make landfall somewhere between Port Charlotte and Tampa tonight as a large Category 3 hurricane**
 - **After passing over Florida, Milton will turn eastward, accelerate and weaken over the Atlantic**
 - Current center forecast positions through the next 5 days (if applicable) illustrated by dots
 - White swath of potential track error added to each side of the forecast track through day 3
 - Hatched swath of potential track error added to each side of the forecast track days 4-5
- ** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Hurricane Milton



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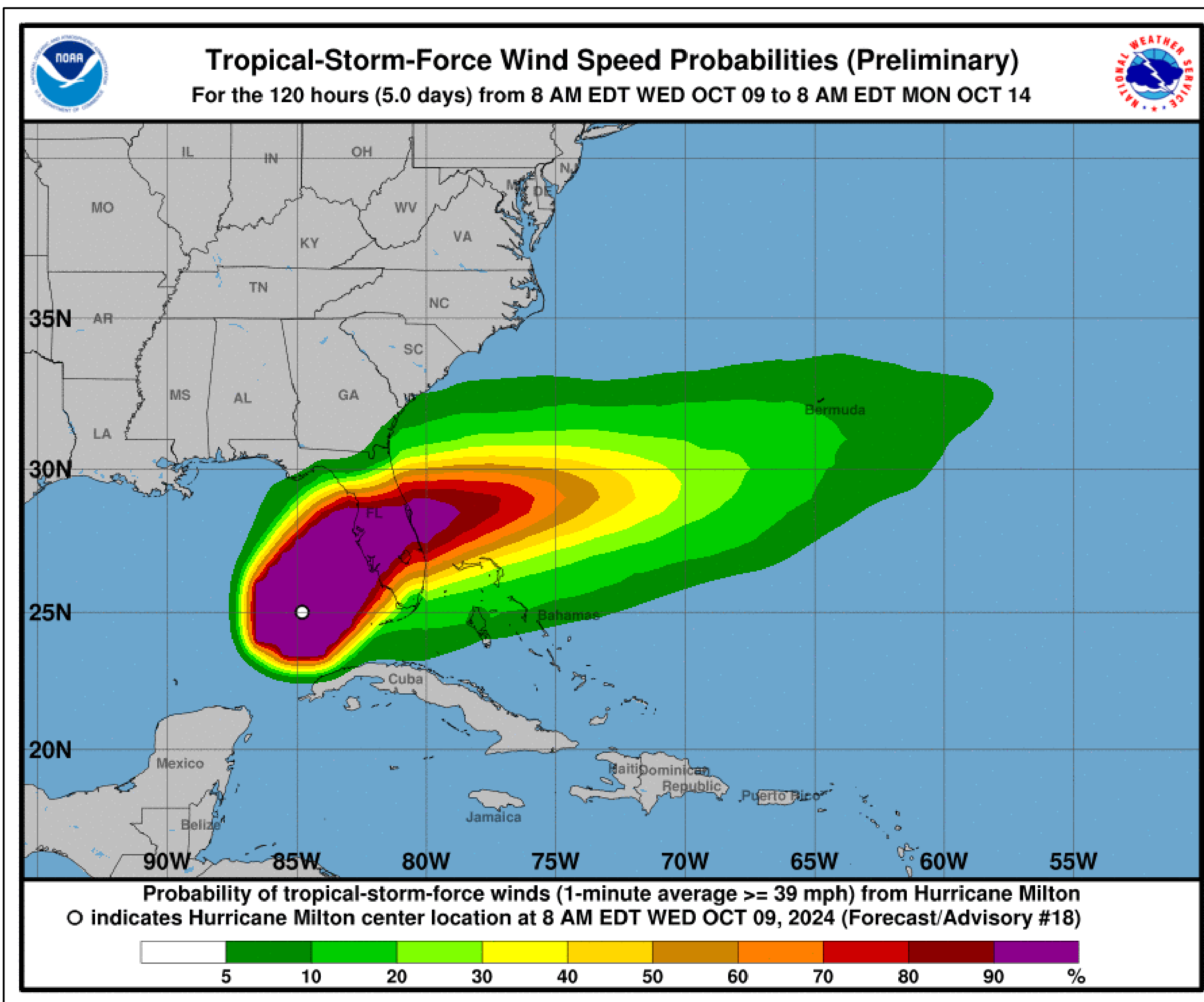
- Tropical Storm Watch (60)
- Hurricane Watch (44)
- Storm Surge Watch (2)
- Red Flag Warning (2)
- Gale Warning (18)
- Excessive Heat Warning (16)
- Coastal Flood Warning (3)
- Flood Warning (33)
- Tropical Storm Warning (53)
- Hurricane Warning (48)

T.S. Wind Speed Probabilities

Hurricane Milton



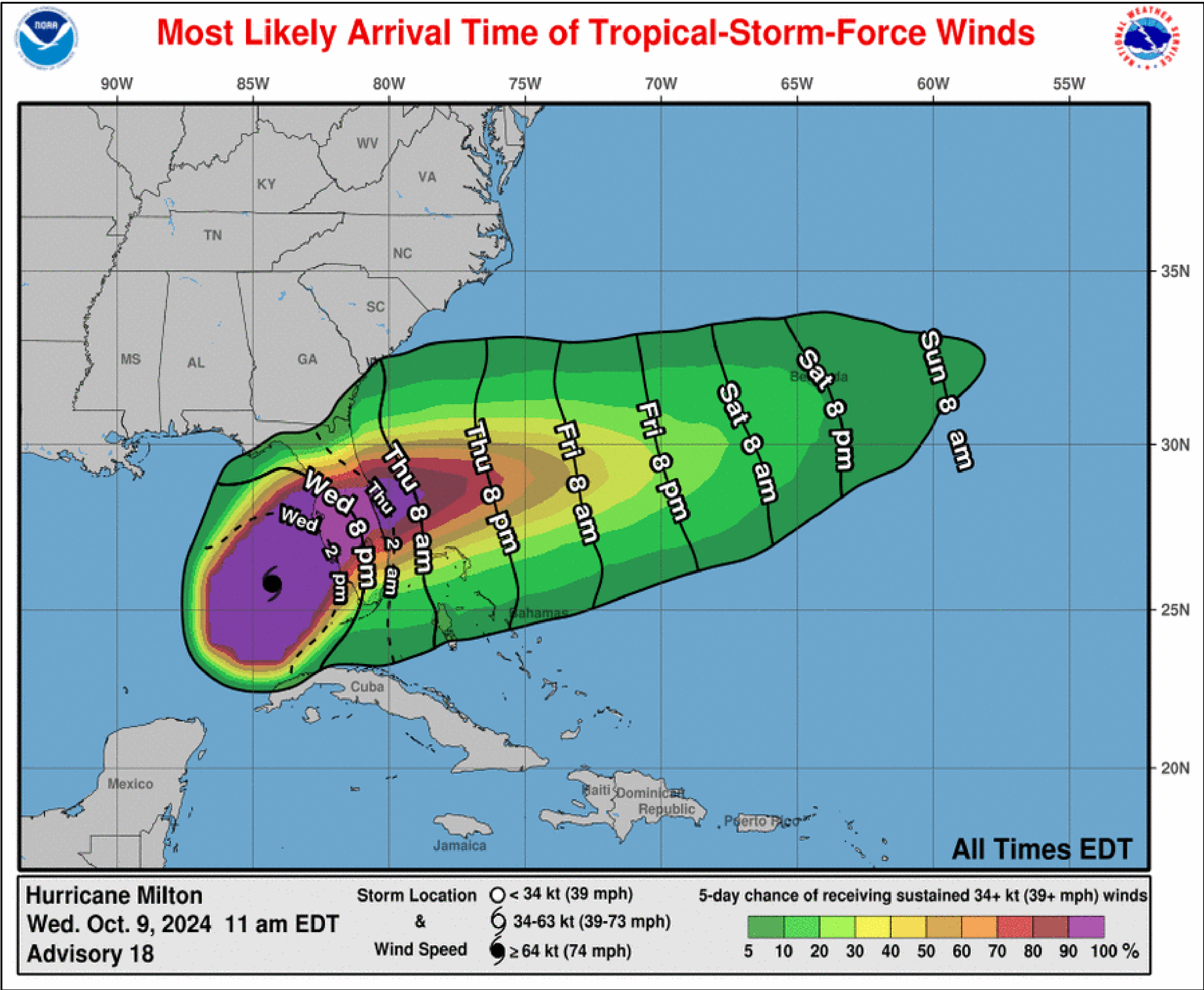
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NWS National Hurricane Center



- Cedar Key – 70%
- 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.



Hurricane Milton



■ **Big Bend of Florida – Tonight**

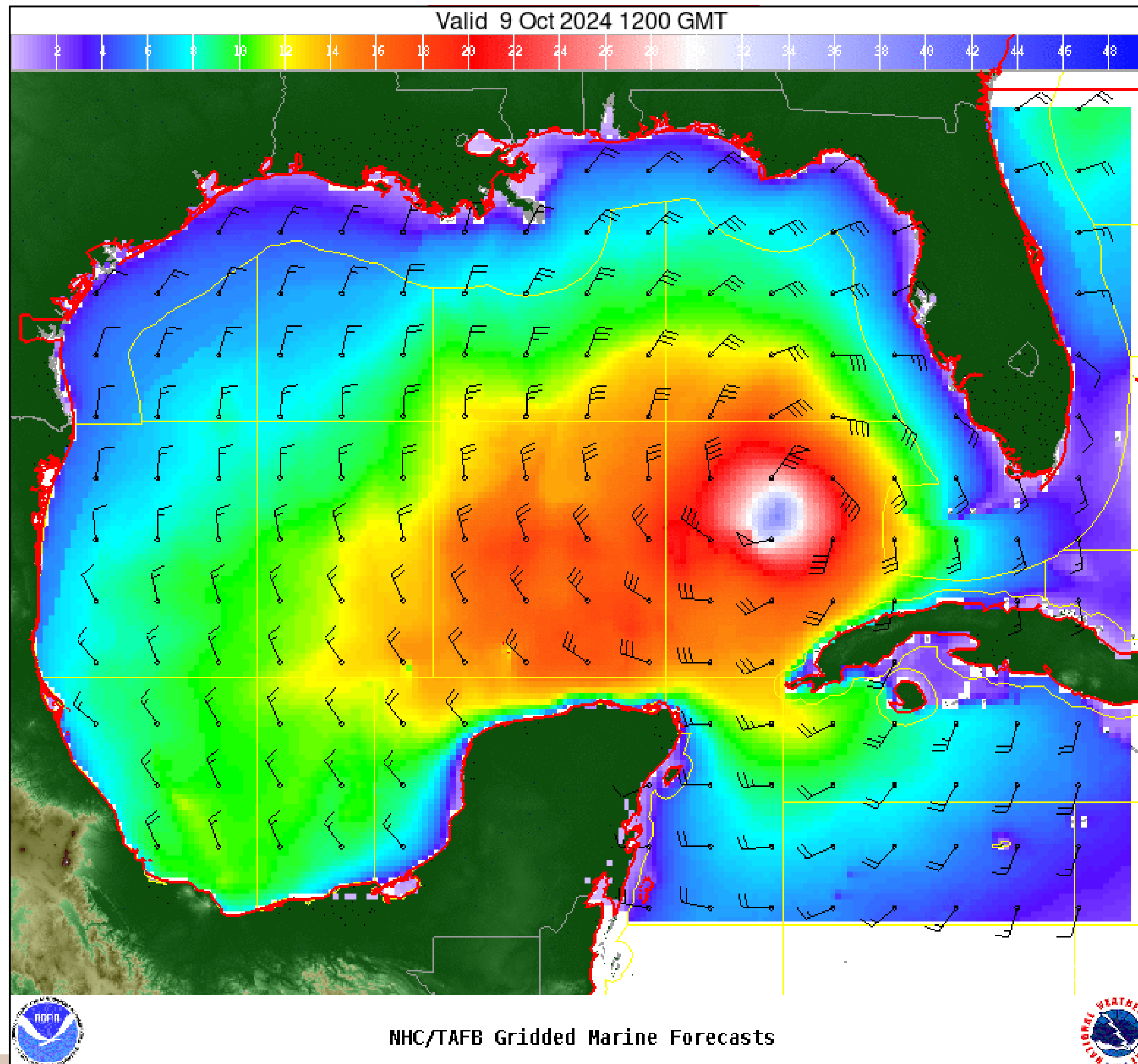
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
 - Clear or dark green are the lowest chances of 0-30%.
 - Yellow to orange is 31-70%
 - Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Hurricane Milton



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Current Conditions

7am CDT Wednesday October 9th

Peak Winds: 135 kt

Peak Seas: 40 ft

- Wave heights are in feet



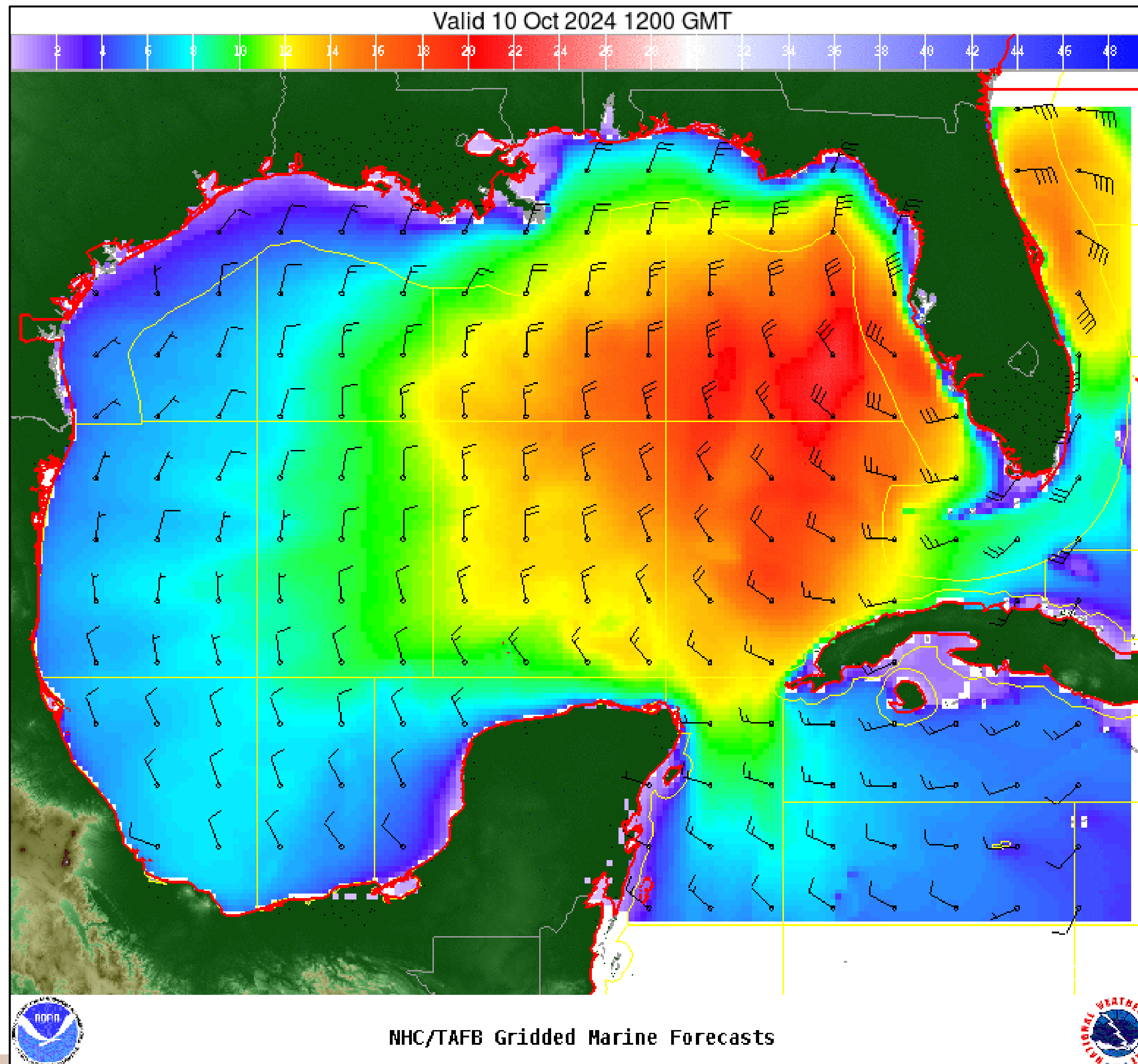
Significant Wave Height (ft)

Wind And Waves

Hurricane Milton



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24 Hour Forecast

8am EDT Thursday October 10th

Peak Winds: 50 kt (Gulf)

Peak Seas: 25 ft (Gulf)

- Wave heights are in feet



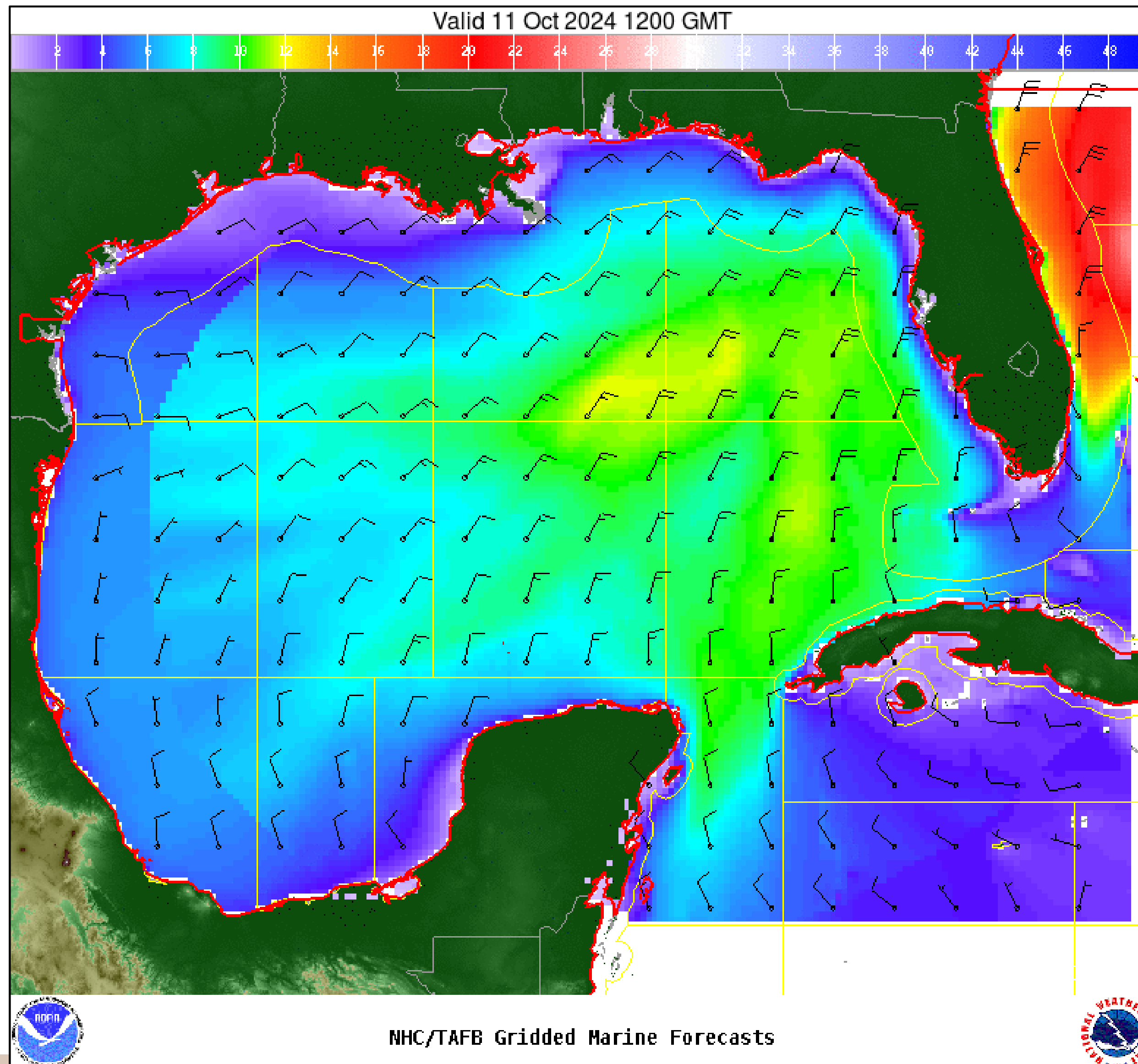
Significant Wave Height (ft)

Wind And Waves

Hurricane Milton



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48 Hour Forecast

8am EDT Friday, October 11th

Peak Winds: 20 kt (Gulf)

Peak Seas: 12 ft (Gulf)

- Wave heights are in feet



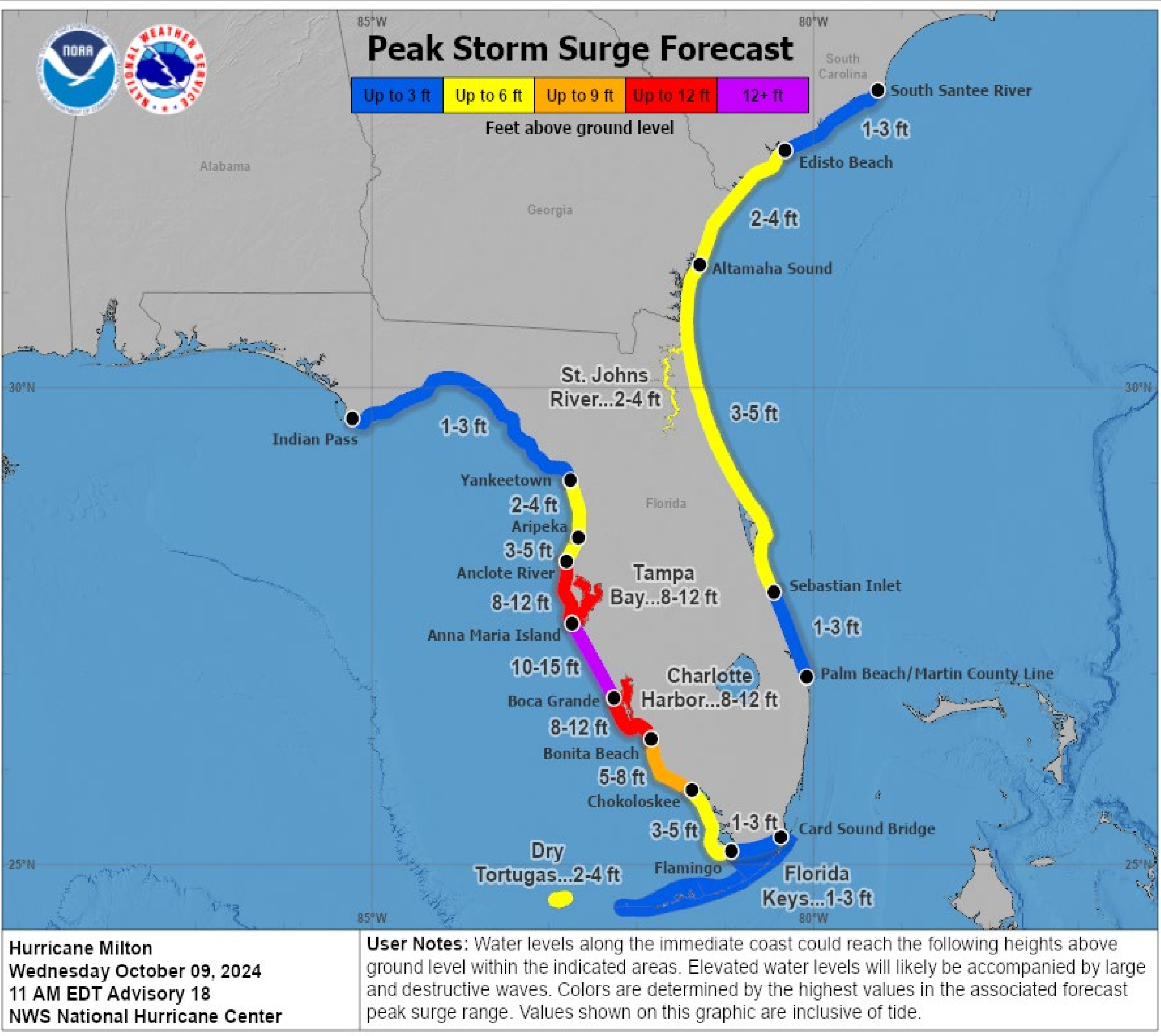
Significant Wave Height (ft)

Potential Peak Storm Surge / Watches and Warnings

Hurricane Milton

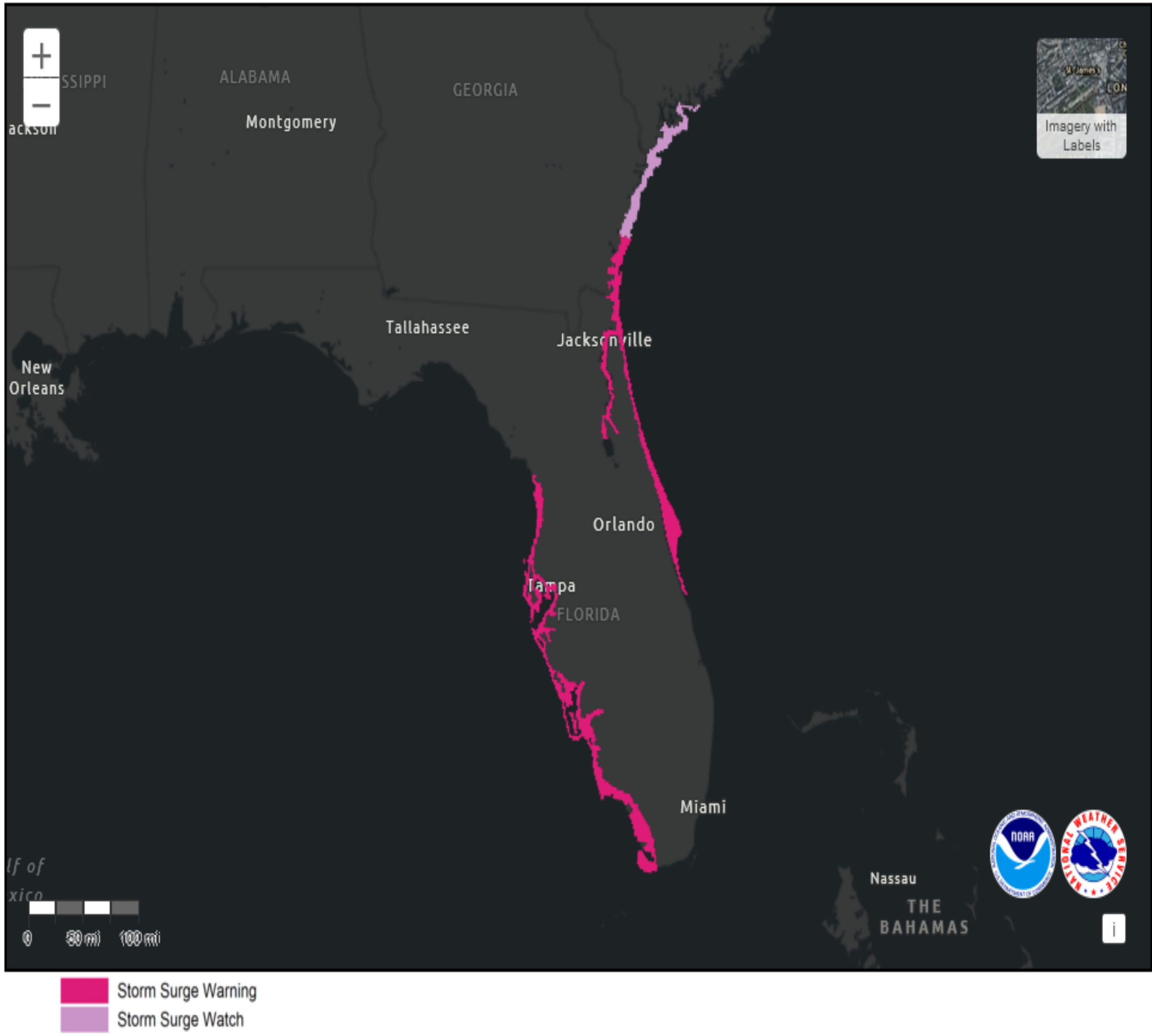


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Storm Surge Watch/Warning Graphic*

Hurricane Milton
Advisory 17 — Issued: 4:00 AM CDT Wed Oct 9



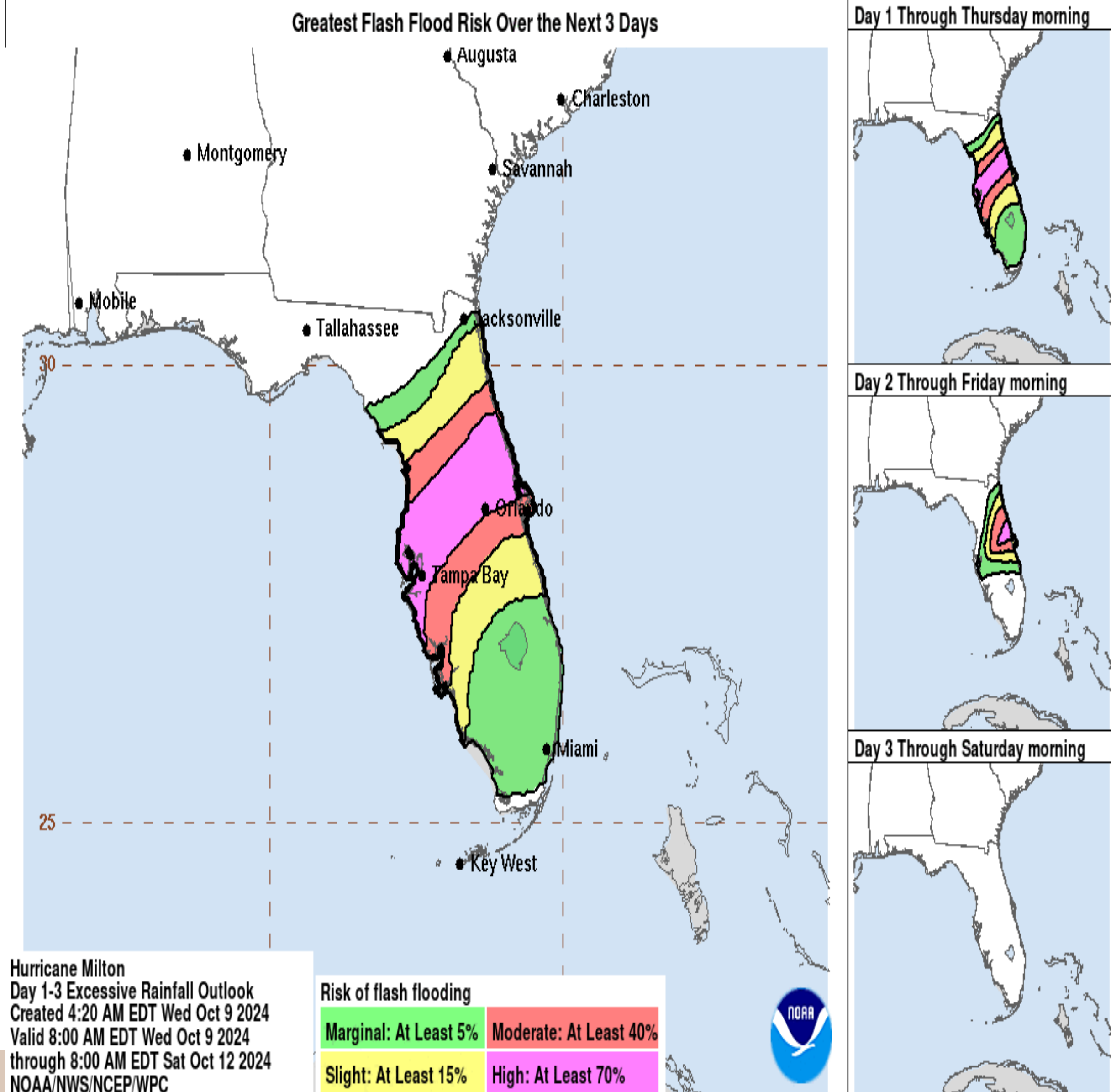
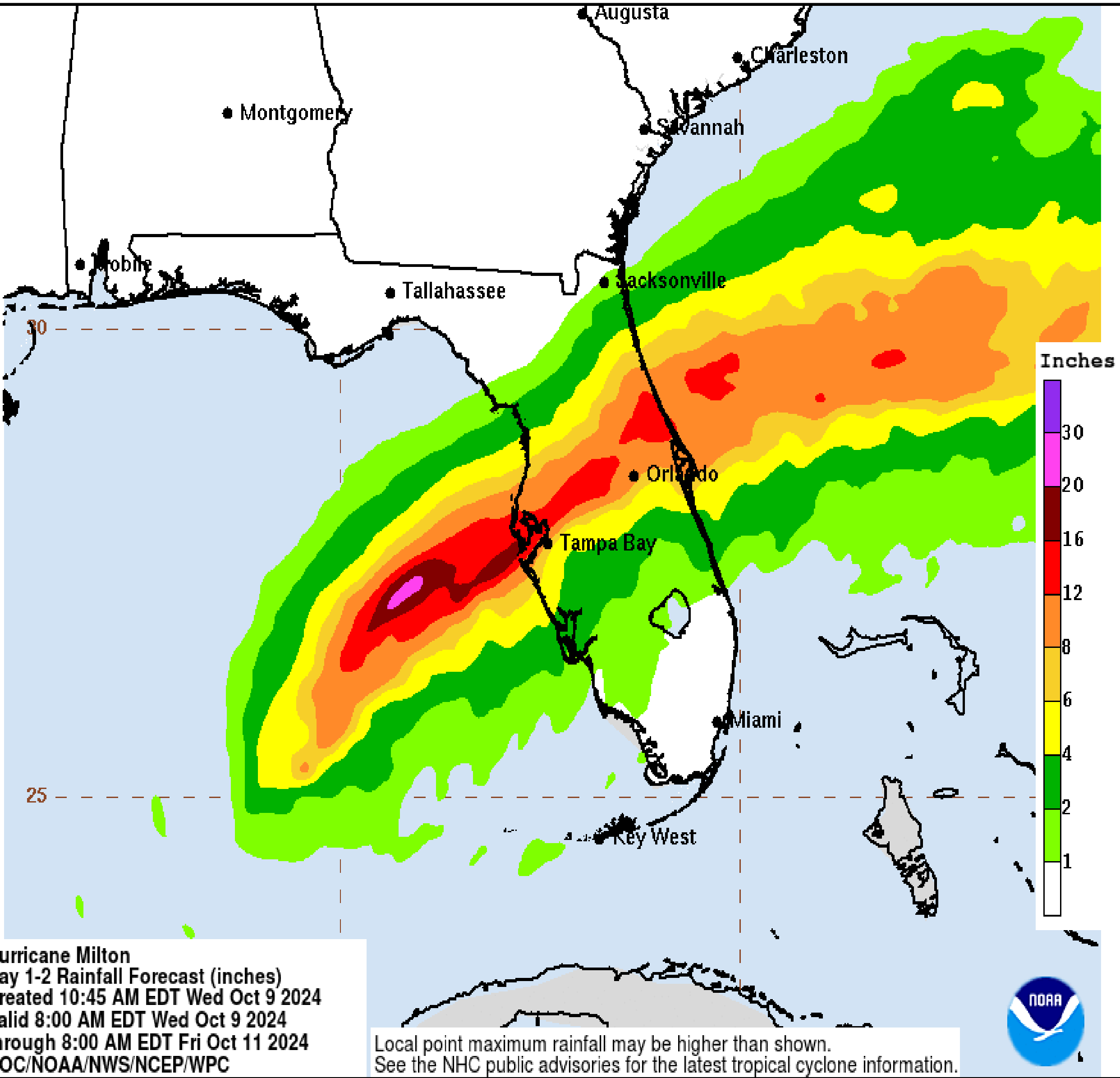
Expected Storm Total Rainfall and Chance of Rainfall Flooding

Hurricane Milton

Images from NWS Weather Prediction Center



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NWS National Hurricane Center



Hurricane Milton

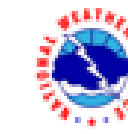


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Key Messages for Hurricane Milton

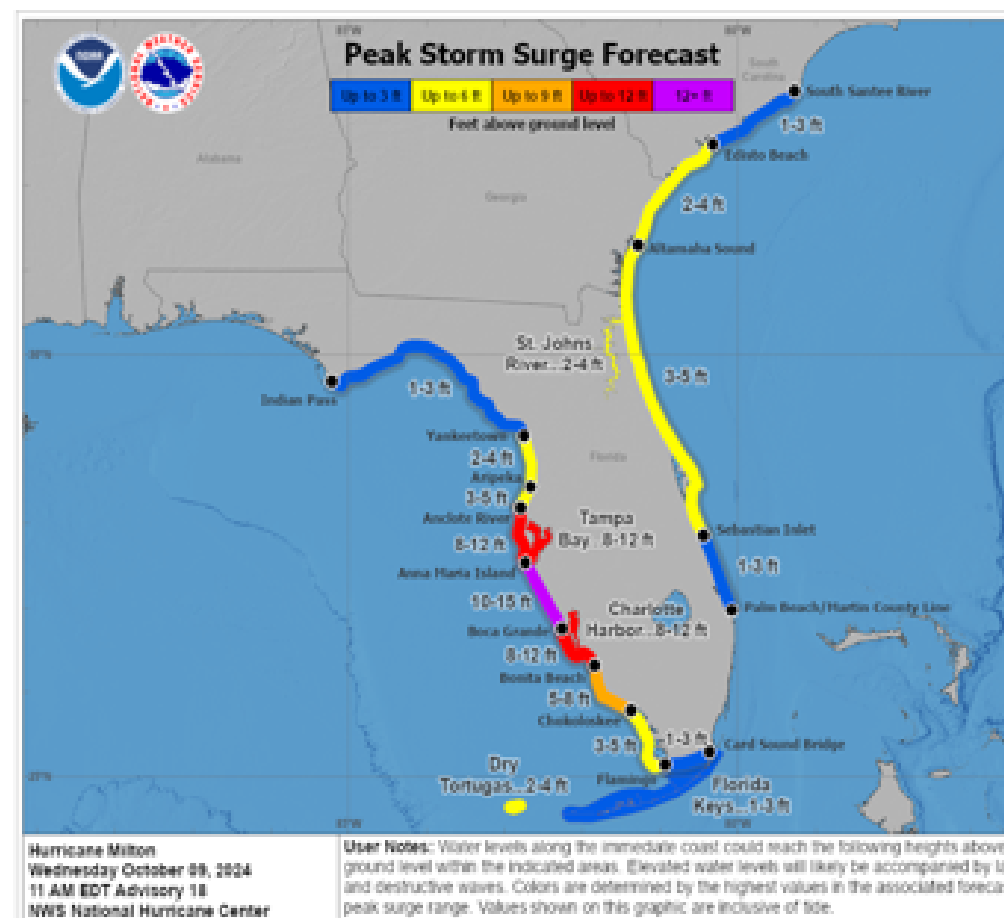
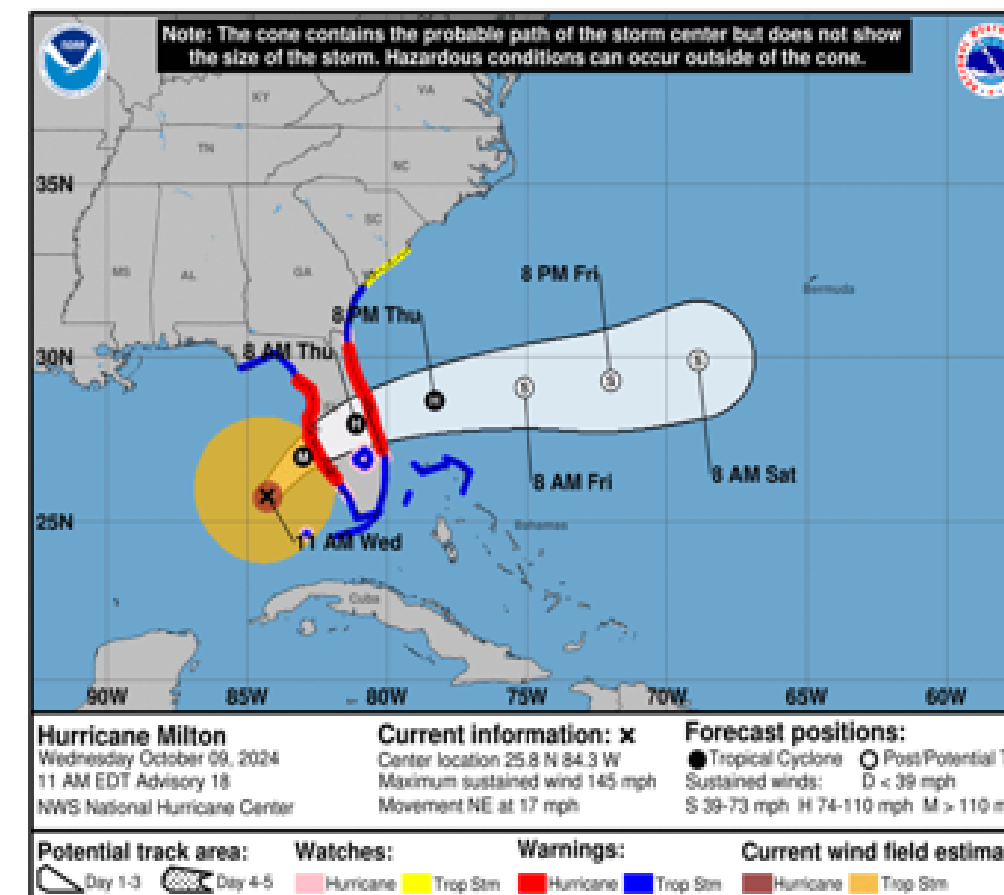
Advisory 18: 11:00 AM EDT Wed Oct 09, 2024



1. A large area of destructive storm surge, with highest inundations of 10 ft or greater, is expected along a portion of the west-central coast of the Florida Peninsula. If you are in the Storm Surge Warning area, this is an extremely life-threatening situation. The time to evacuate, if told to do so by local officials, is quickly coming to a close.

2. Devastating hurricane-force winds are expected along portions of the west coast of Florida, where a Hurricane Warning is in effect. Milton is forecast to remain a hurricane while it crosses the Florida Peninsula and life-threatening hurricane-force winds, especially in gusts, are expected to spread inland across the peninsula. Preparations to protect life and property, including being ready for long-duration power outages, should be rushed to completion.

3. Heavy rainfall across the Florida Peninsula through Thursday brings the risk of catastrophic and life-threatening 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.



For more information go to hurricanes.gov

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US Storm Surge – Low

US Rainfall/Flash Flooding – Low

US Tornadoes – None

- **Marine Key Messages:**
- Dangerous seas are currently occurring across much of the central and eastern Gulf of Mexico
- Peak seas will recede by Thursday night over the Gulf

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



HURRICANE MILTON BRIEFING

This briefing was prepared by:

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TIME of NEXT NHC Advisory:

4 PM CDT

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



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