

IMPACTS FOR D7 (through next 5 days)

Winds – Low

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High

TROPICAL STORM ETA BRIEFING

5:00 PM EST

Monday, November 9, 2020

Prepared by:

Jeff Lewitsky

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

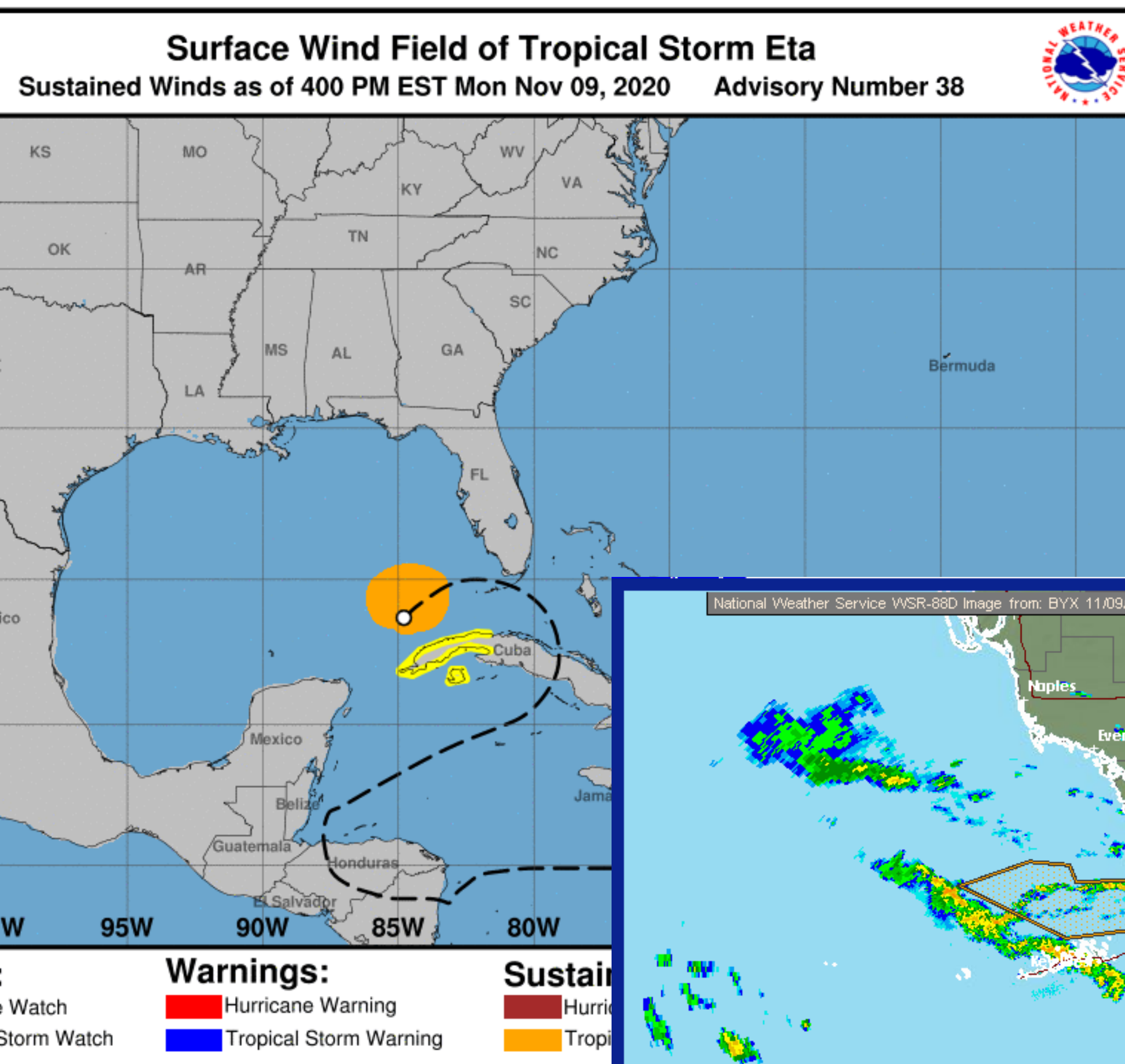


Situation Overview

Tropical Storm Eta



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**...ETA MOVING SOUTHWESTWARD OVER
THE SOUTHEASTERN GULF OF
MEXICO...
...EXPECTED TO SLOW DOWN AND
STRENGTHEN SOME TONIGHT AND
TUESDAY...**

SUMMARY OF 400 PM EST INFORMATION

LOCATION...23.7N 84.8W
ABOUT 122 NM WSW OF THE DRY TORTUGAS
ABOUT 109 NM N OF THE WESTERN TIP OF
CUBA
MAXIMUM SUSTAINED WINDS...45 KT
PRESENT MOVEMENT...SW AT 14 KT

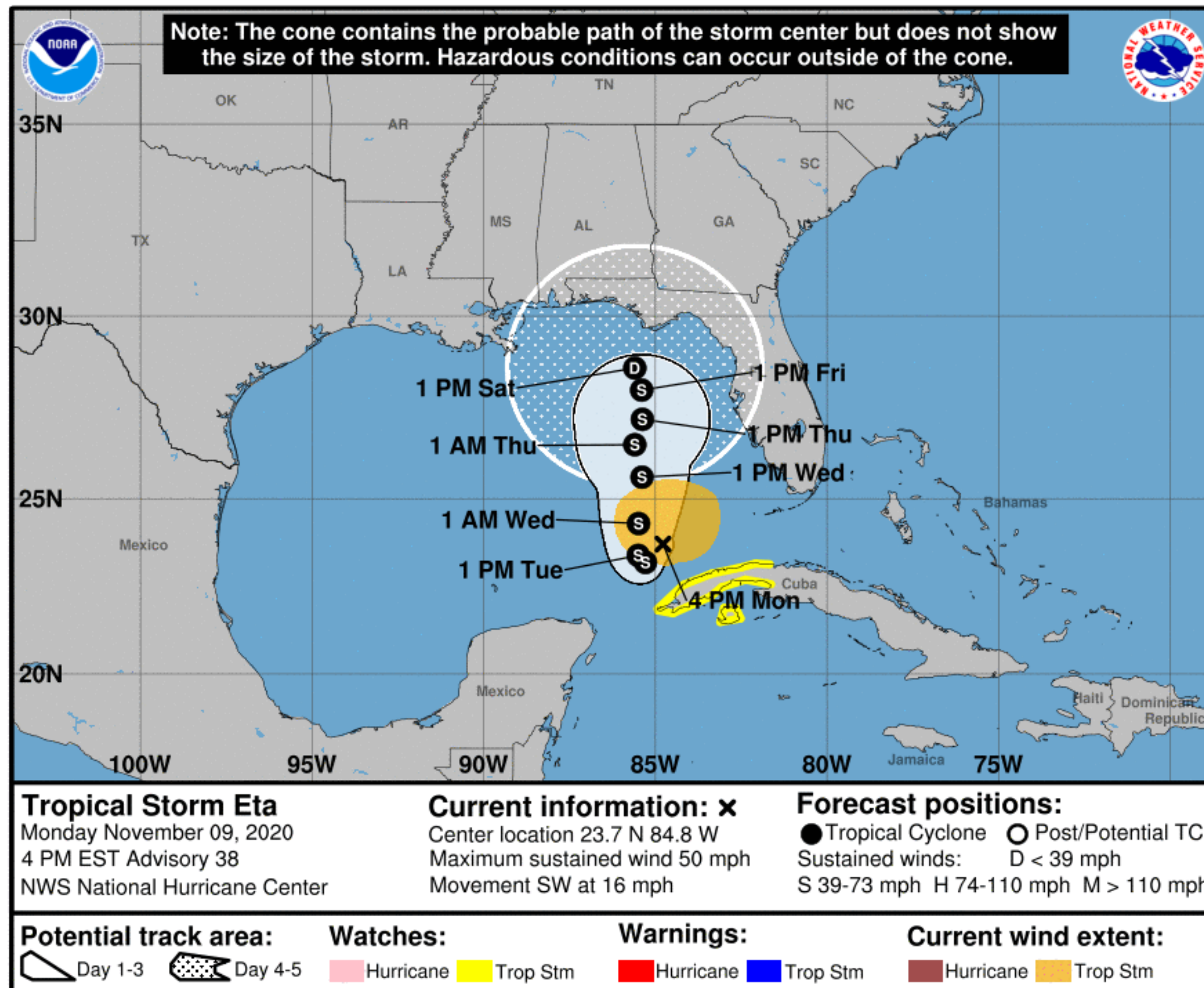
SIZE IN NM
34 KT.....120NE 40SE 30SW 100NW.
12 FT SEAS.. 90NE 75SE 90SW 90NW.
PEAK SEAS.. 28 FT

Forecast Information

Tropical Storm Eta



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

- **Eta is moving toward the southwest and this motion with some reduction in forward speed is expected to continue through tonight. Little overall motion is forecast on Tuesday and a slow northward motion is expected Tuesday night and Wednesday.**
- **Some strengthening will be possible tonight and Tuesday. Gradual weakening is expected to begin on Wednesday and then continue through the end of the week.**
- **A possible second landfall along the Florida panhandle or W Florida north of Tamp may occur by the end of the week into the weekend.**
- **Do NOT focus on the points/cone as tropical storm winds and heavy rain will occur well away from the center**
- Current center forecast positions through the next 5 days (if applicable) illustrated by dots
- White swath of potential track is average track error added to each side of the forecast track through day 3
- Hatched swath of potential track is average track error added to each side of the forecast track days 4-5

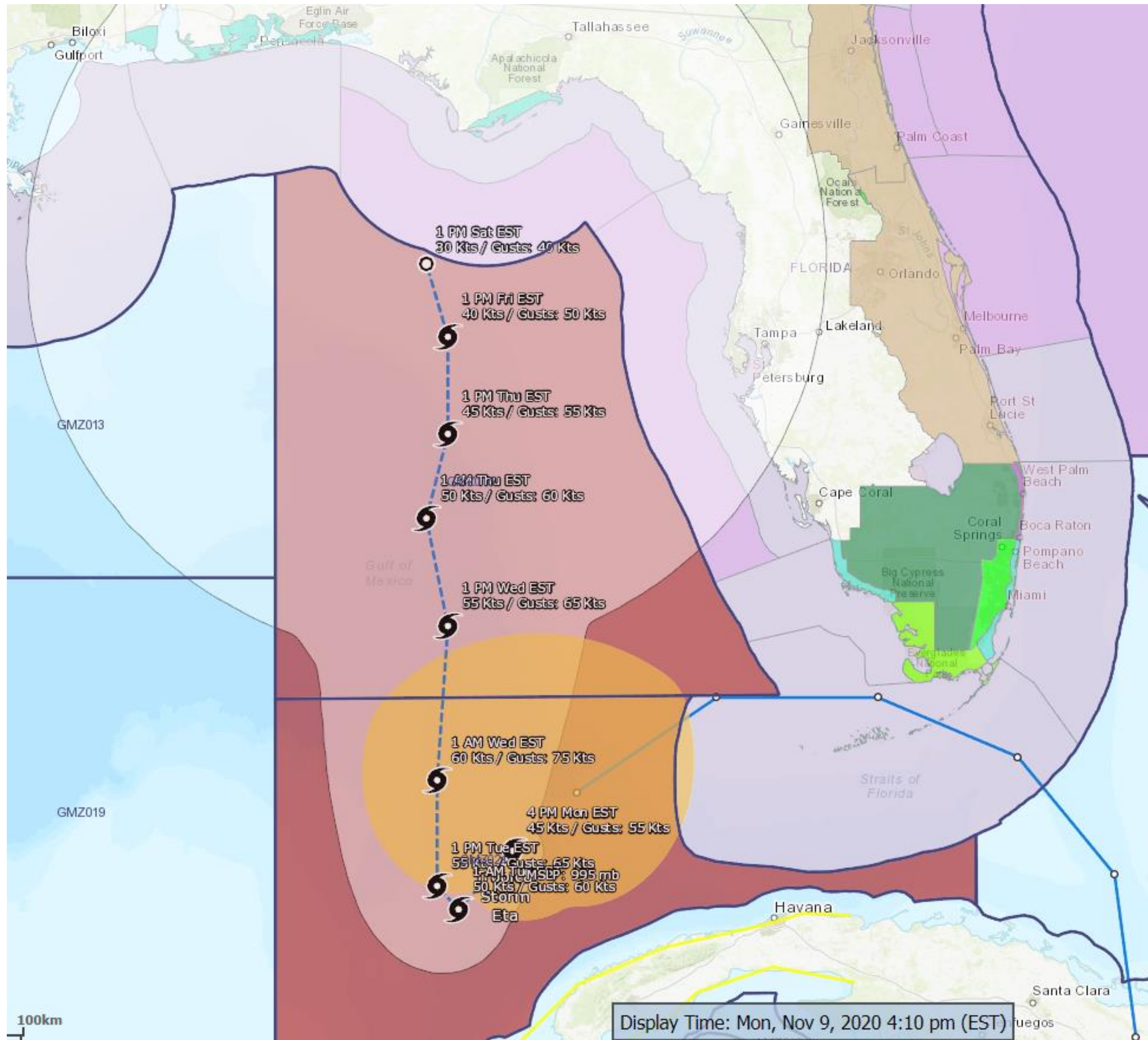
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Tropical Storm Eta



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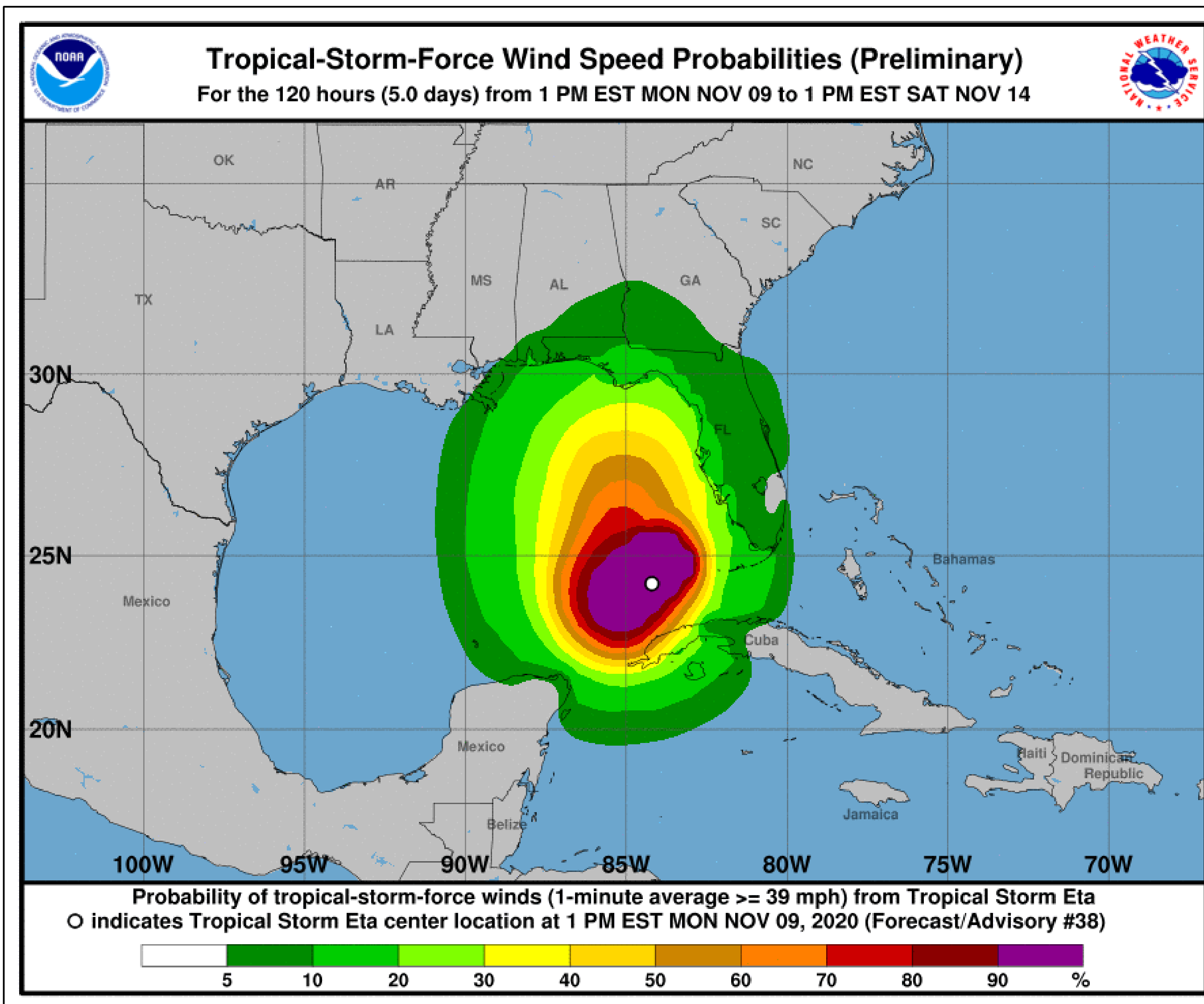
<https://nowcoast.noaa.gov/>

T.S. Wind Speed Probabilities

Tropical Storm Eta



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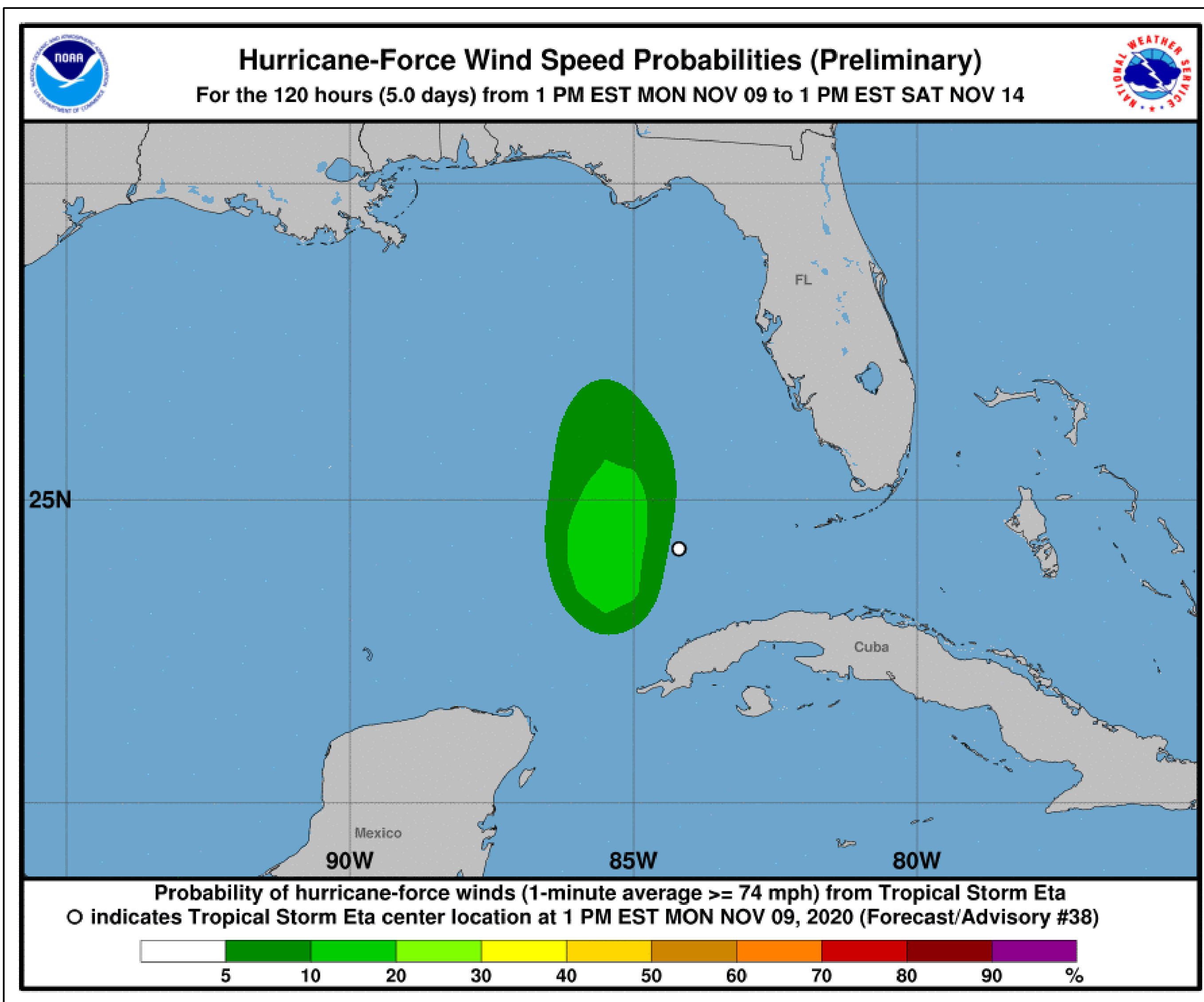
- **Naples 15%**
 - **Ft Myers 20%**
 - **Tampa 25%**
 - **Cedar Key 25%**
 - **Apalachicola 25%**
 - **Panama City 15%**
 - **Cocoa Beach 10%**
 - **Daytona Beach 5%**
 - **Jacksonville 5%**
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this 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 Wind Speed Probabilities

Tropical Storm Eta



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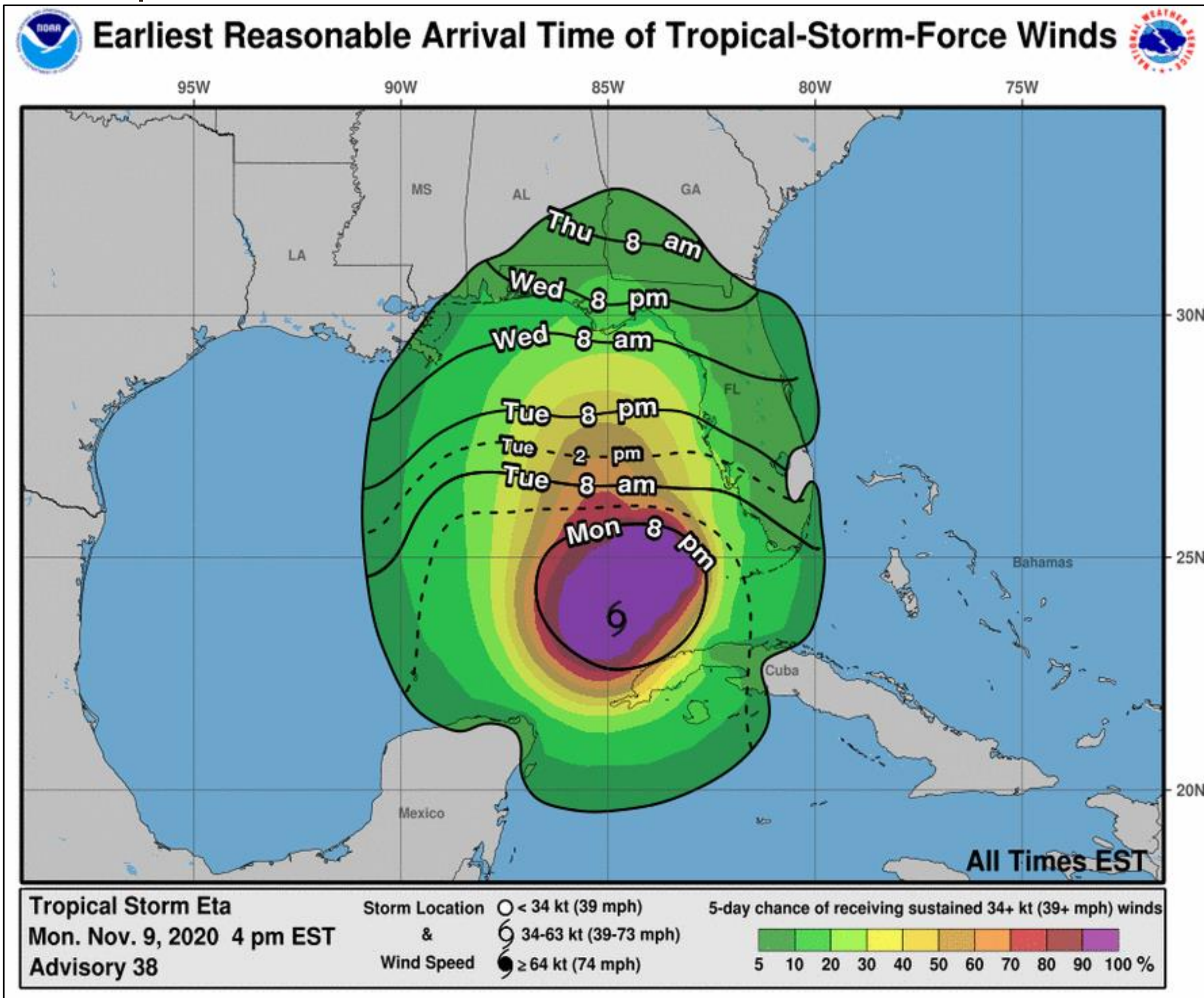
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Earliest Reasonable Time of Arrival and Tropical Storm Windspeed Probabilities

Tropical Storm Eta



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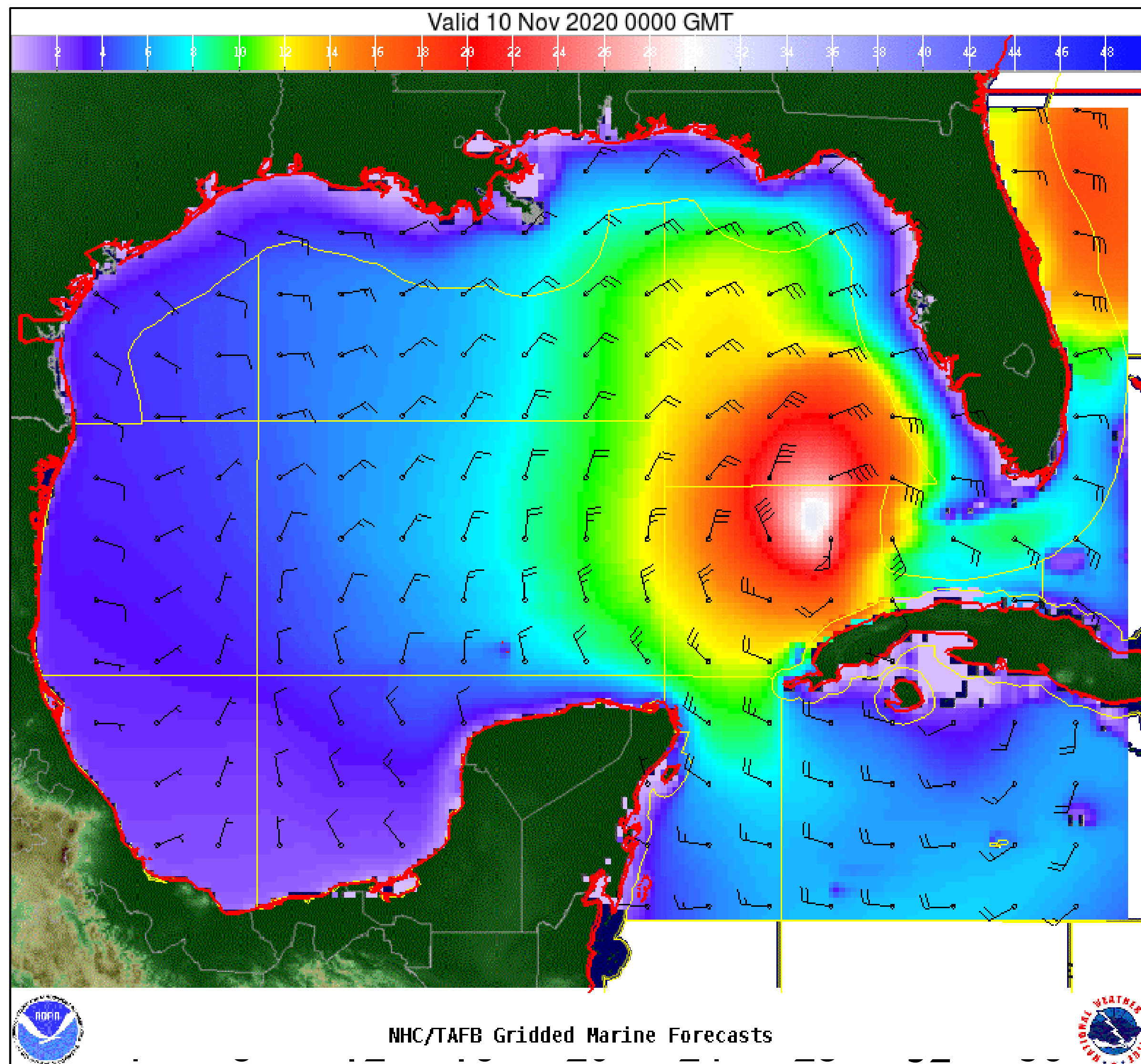
- **Naples: Tuesday morning**
 - **Ft Myers: Tuesday morning**
 - **Tampa: Tuesday evening**
 - **Cedar Key: Wednesday morning**
 - **Apalachicola: Wednesday morning**
 - **Panama City: Wednesday morning**
 - **Cocoa Beach: Wednesday morning**
 - **Daytona Beach: Wednesday late morning**
 - **Jacksonville: Wednesday evening**
- The earliest reasonable 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

Tropical Storm Eta



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This Evening

November 9th, 7pm EST

Peak Winds: 45 KT

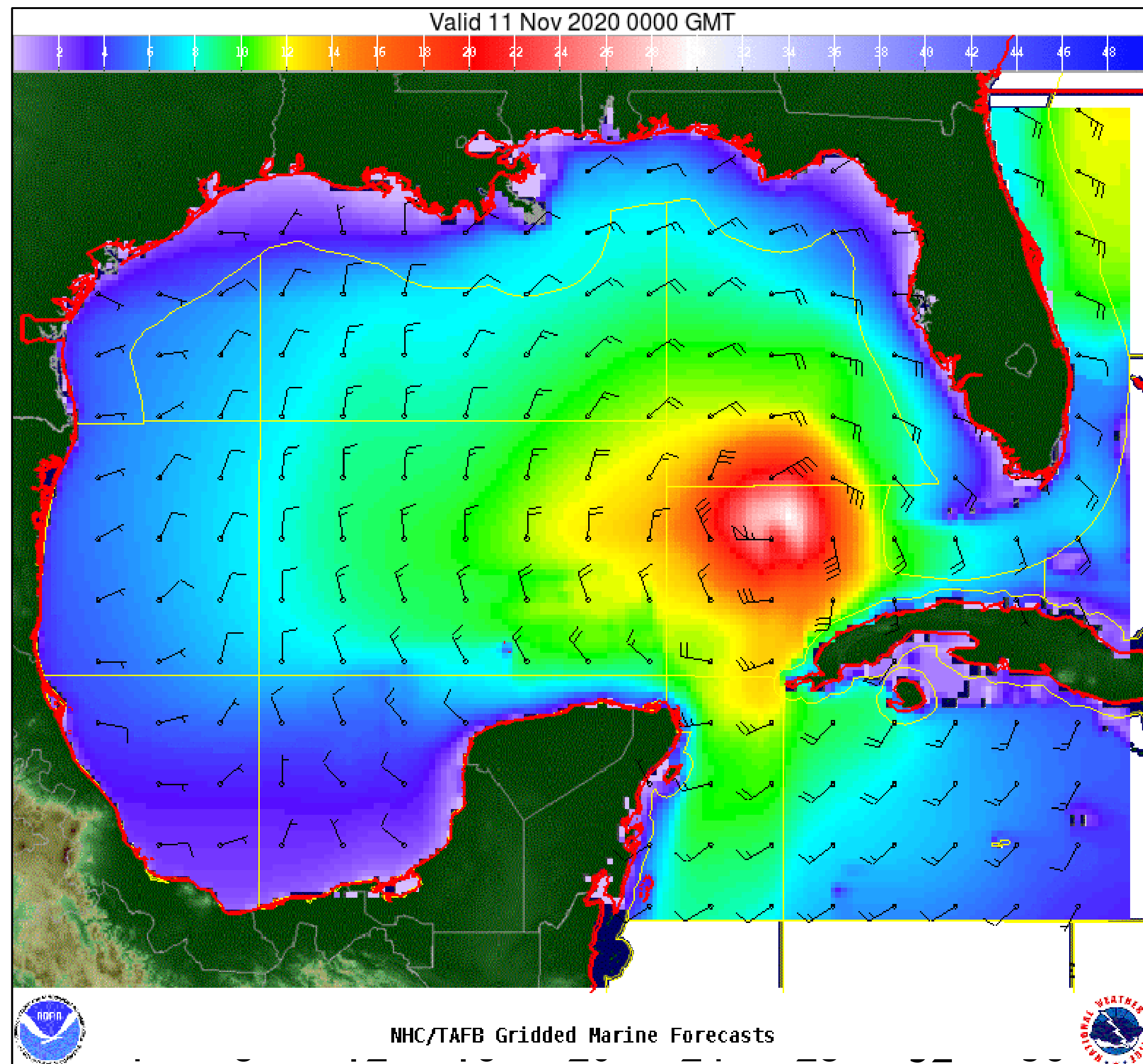
Peak Seas: 28 FT

Wind And Waves

Tropical Storm Eta



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Tuesday Evening

November 10th, 7pm EST

Peak Winds: 55 KT

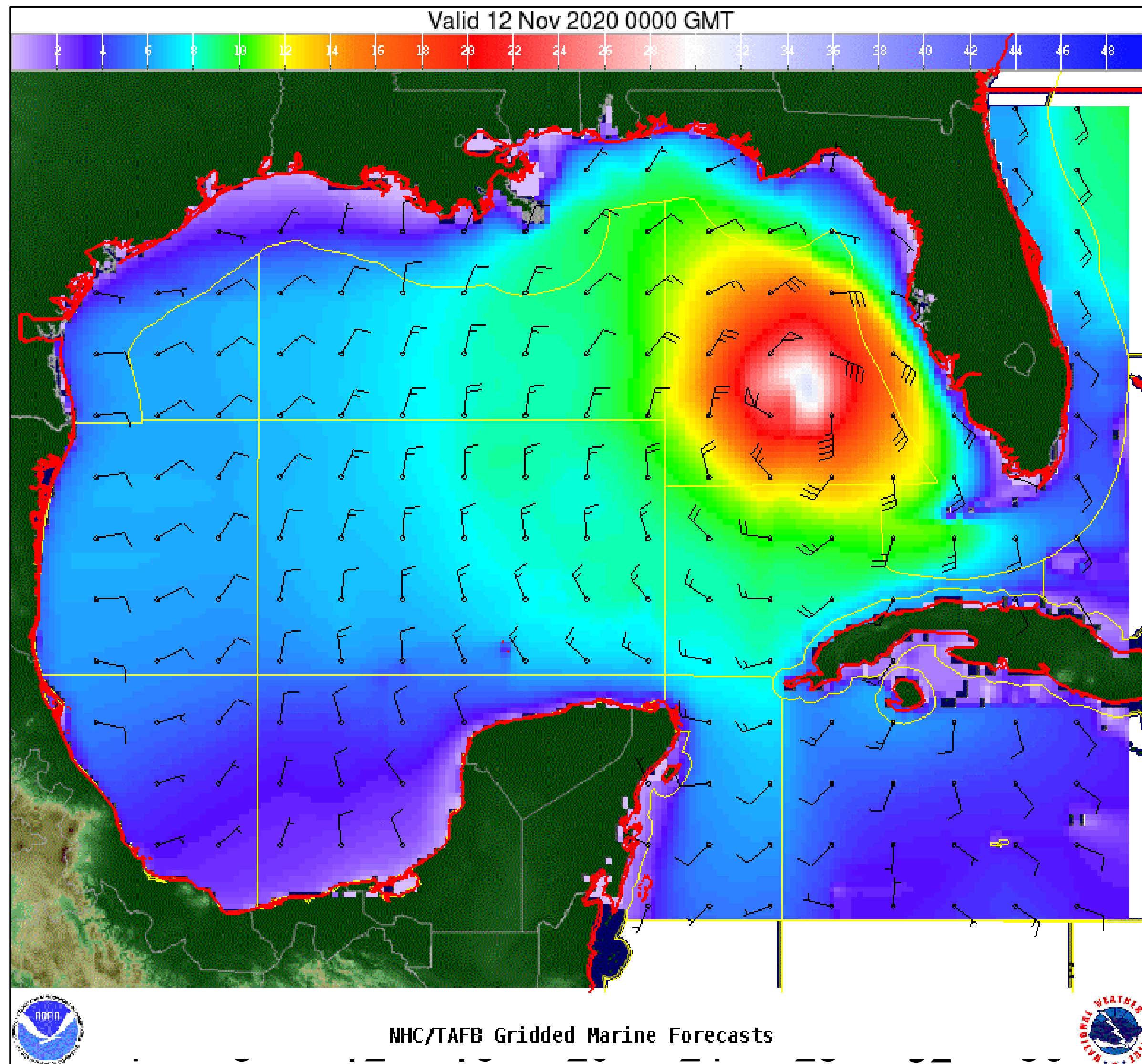
Peak Seas: 28 FT

Wind And Waves

Tropical Storm Eta



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Wednesday Evening

November 11th, 7pm EST

Peak Winds: 55 KT

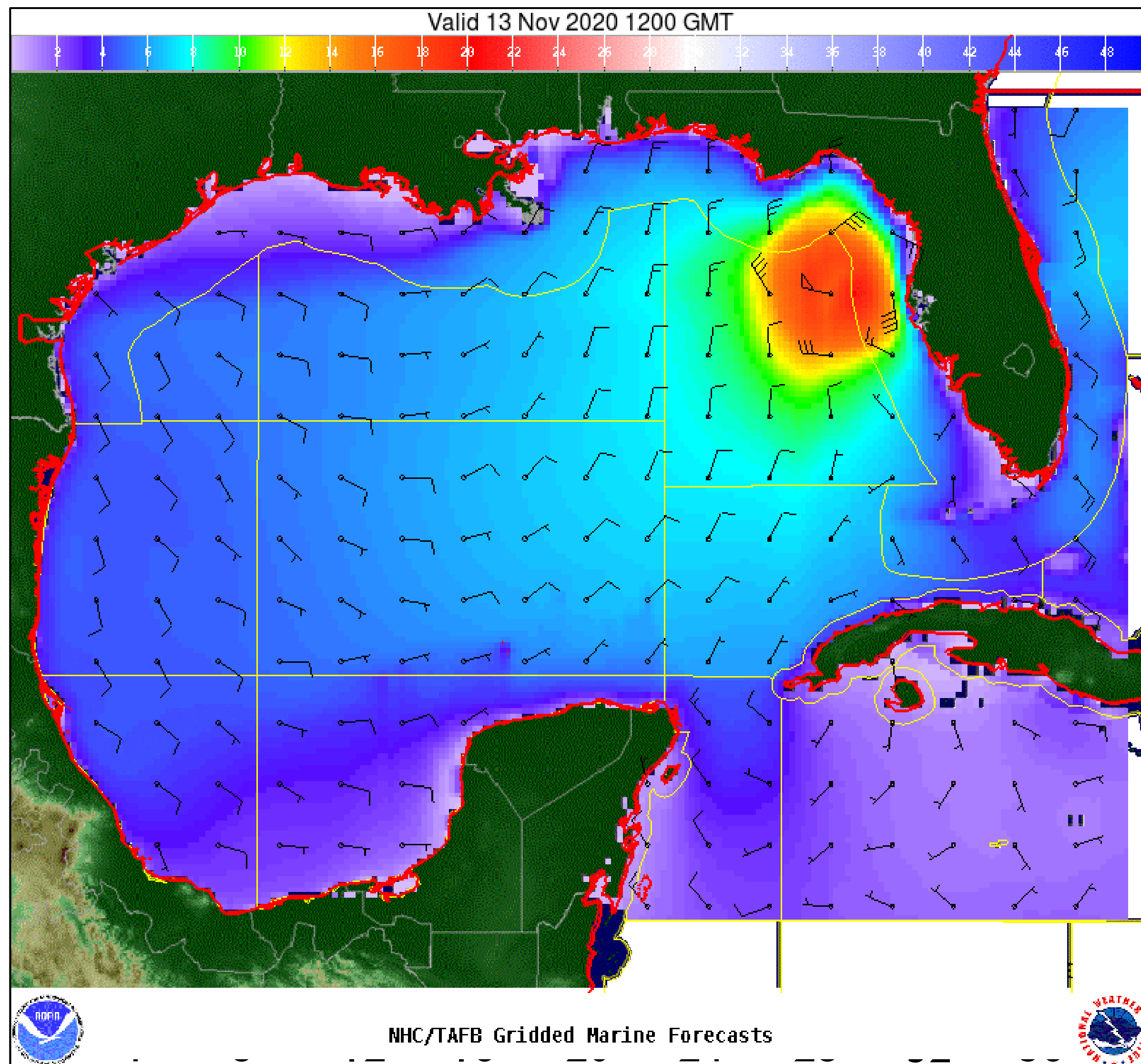
Peak Seas: 30 FT

Wind And Waves

Tropical Storm Eta



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Thursday Evening

November 11th, 7pm EST

Peak Winds: 50 KT

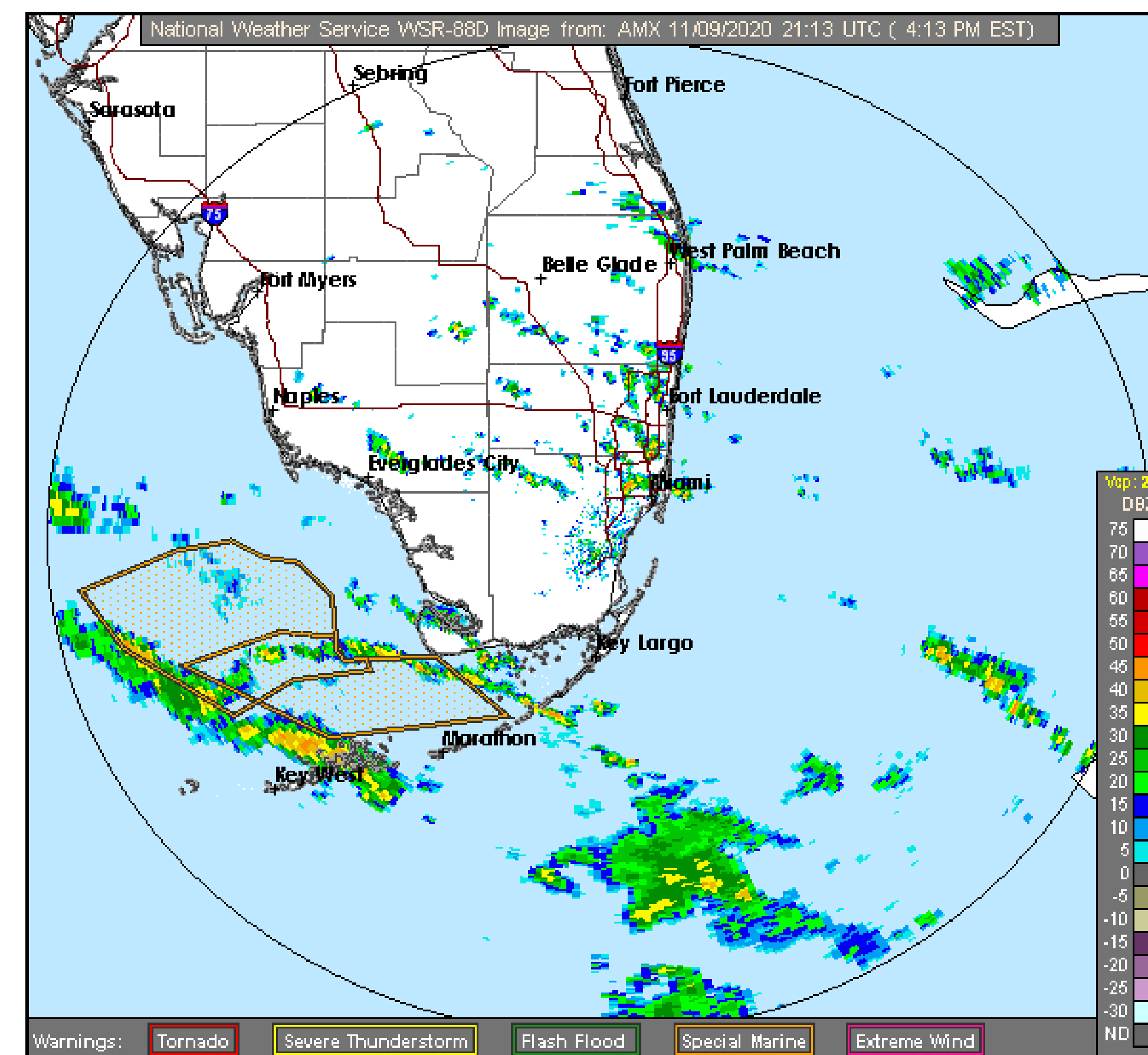
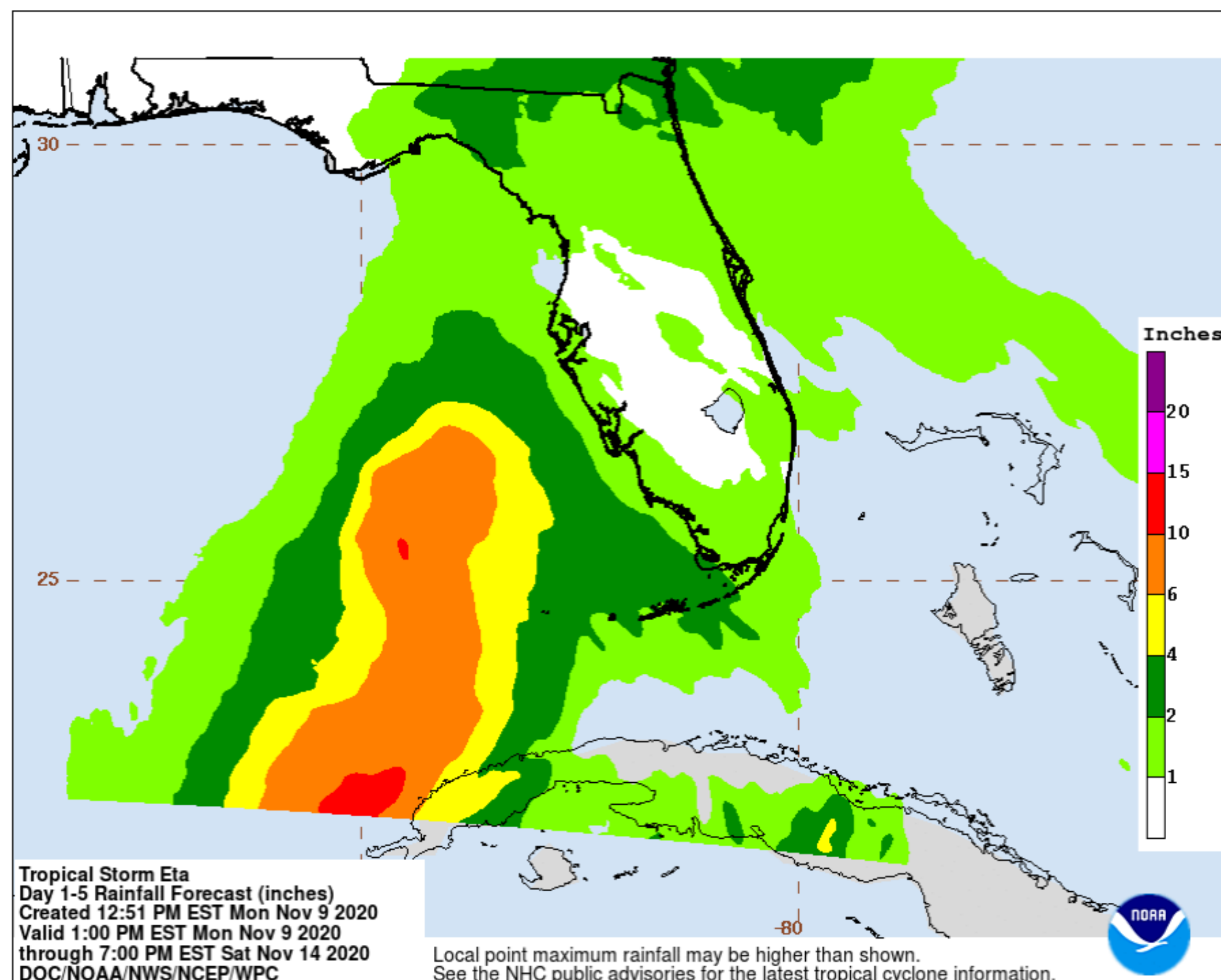
Peak Seas: 22 FT

Expected Storm Total Rainfall and Chance of Rainfall Flooding



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Tropical Storm Eta



- Additional rainfall in inches through Saturday Evening.

- Additional showers and thunderstorms moving across South and Southwest Florida tonight.

Key Messages

Tropical Storm Eta



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NWS National Hurricane Center



Key Messages for Tropical Storm Eta

Advisory 38: 4:00 PM EST Mon Nov 09, 2020



1. Heavy rainfall from Eta will continue across portions of Cuba, the Bahamas, and southern Florida and spread north into central Florida. Additional flash flooding is possible across inundated urban areas of southeast Florida today. Flash and urban flooding will also be possible for Cuba, the Bahamas and the remainder of southern Florida over the next several days.

2. Eta could approach the Florida Gulf Coast later this week as a tropical storm, and possibly bring impacts from rain, wind, and storm surge. Interests in this area should monitor the progress of Eta and updates to the forecast this week.



For more information go to hurricanes.gov

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Winds – Low

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - High



TROPICAL STORM ETA BRIEFING

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

*The Next Briefing Will Be:
Tuesday 9:00 AM EST*

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



NHC_TAFB

www.nhc.noaa.gov