

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

**Winds – Moderate**

**Storm Surge – None**

**Rainfall/Flash Flooding – Moderate**

**Tornadoes – Low**

**Waves - Low**

# TROPICAL DEPRESSION MINDY BRIEFING



8:00 AM EDT

Thursday, September 9, 2021

Prepared by:

**Nelsie Ramos**

*Tropical Analysis and Forecast Branch  
NWS National Hurricane Center*



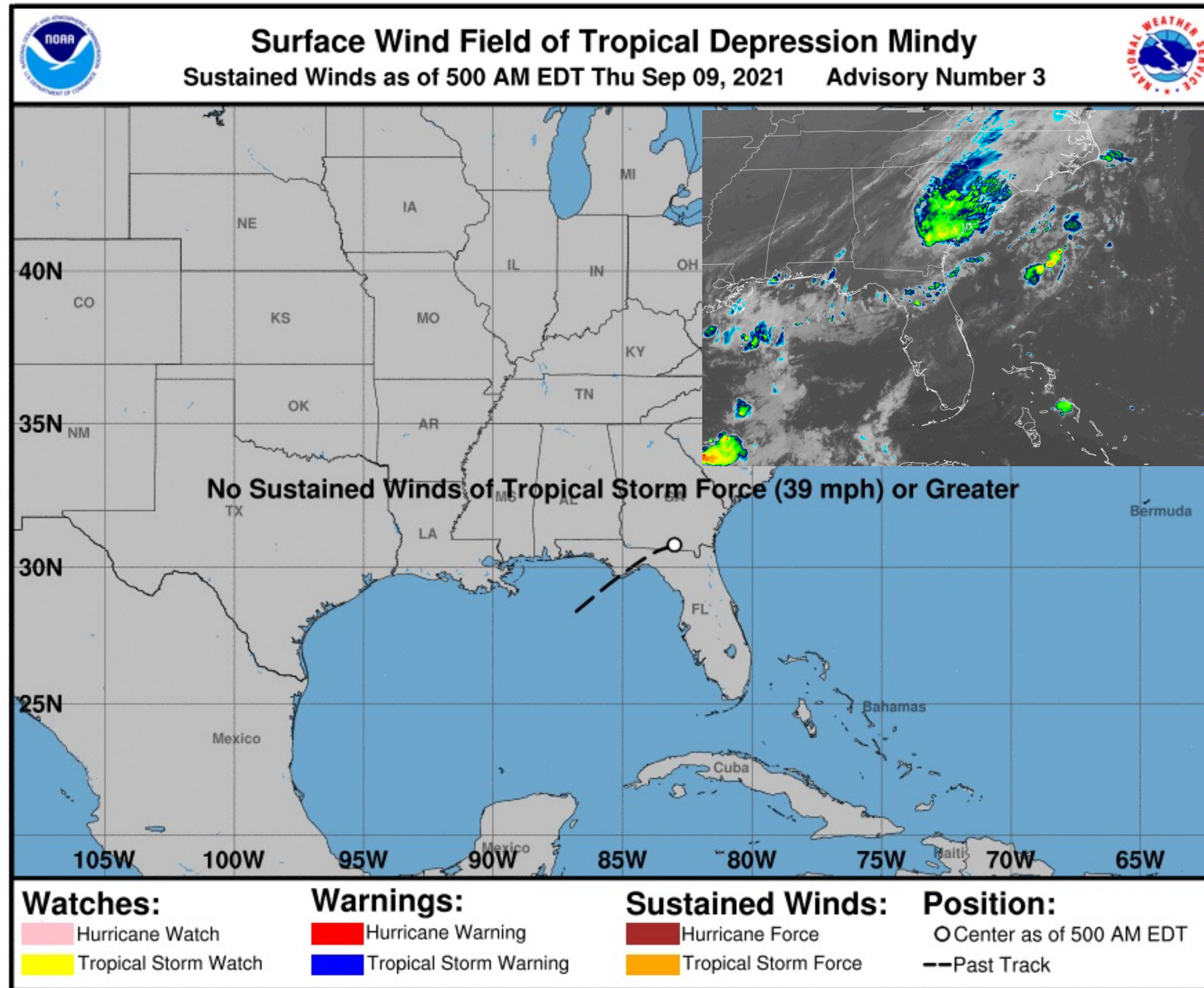


# Situation Overview

## Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



...Heavy Rainfall from Mindy spreading inland over SE Georgia and coastal South Carolina...

SUMMARY OF 500 AM EDT...0900 UTC...INFORMATION

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LOCATION...30.8N 83.0W  
ABOUT 80 MI...125 KM SSE OF VALDOSTA  
GEORGIA  
ABOUT 150 MI...240 KM SW OF SAVANNAH  
GEORGIA  
MAXIMUM SUSTAINED WINDS...30 KT  
PRESENT MOVEMENT...NE OR 55 DEGREES AT 17  
KT  
MINIMUM CENTRAL PRESSURE...1004 MB  
PEAK SEAS 9 FT

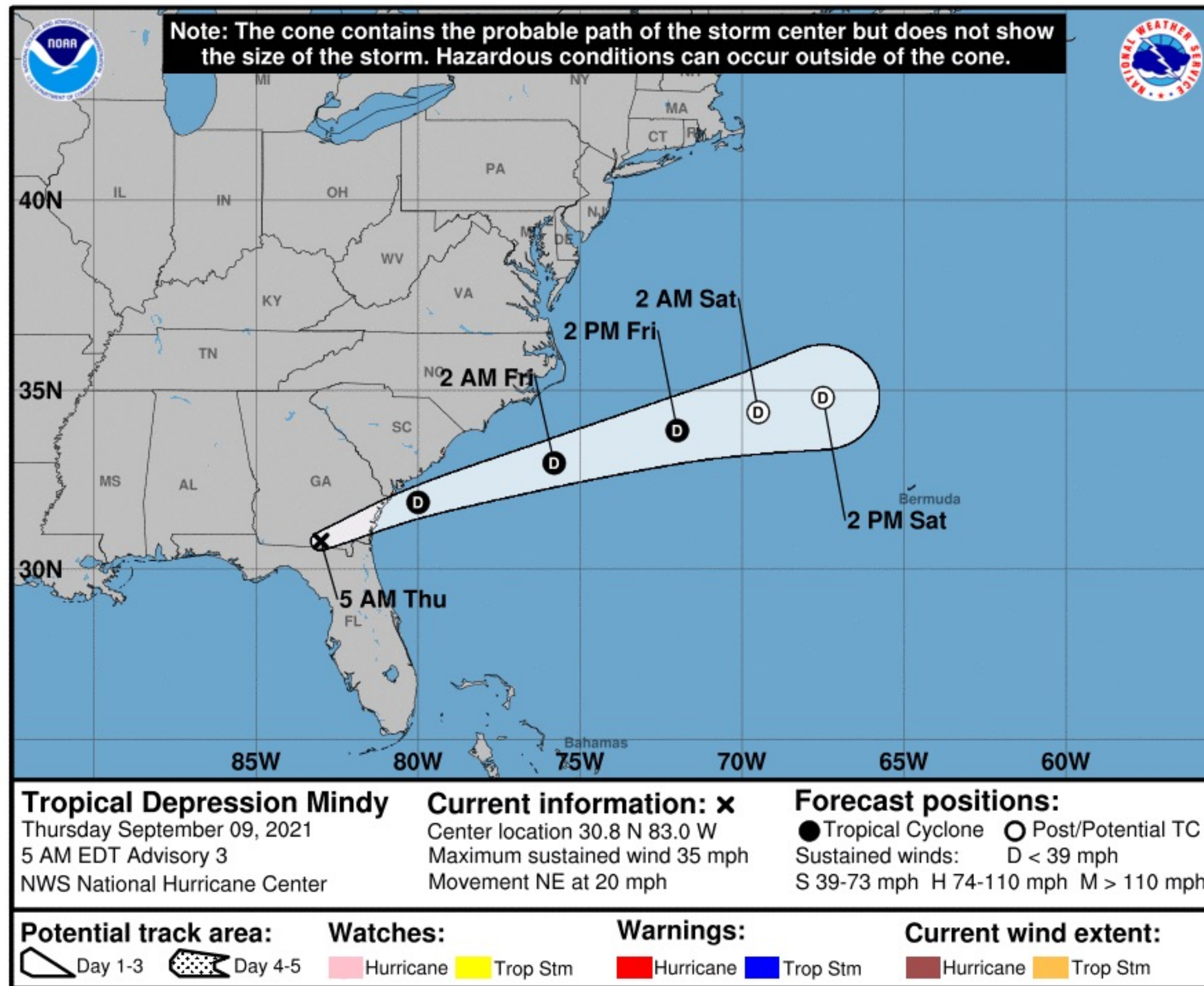


# Forecast Information

## Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



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

- The center of Mindy is expected to move NE across southeastern Georgia this morning, and over the western Atlantic by late this morning or early this afternoon.
- Little change in strength is forecast through tonight.
- Gradual weakening is expected on Friday, and Mindy is forecast to become a remnant low by Saturday
- 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.

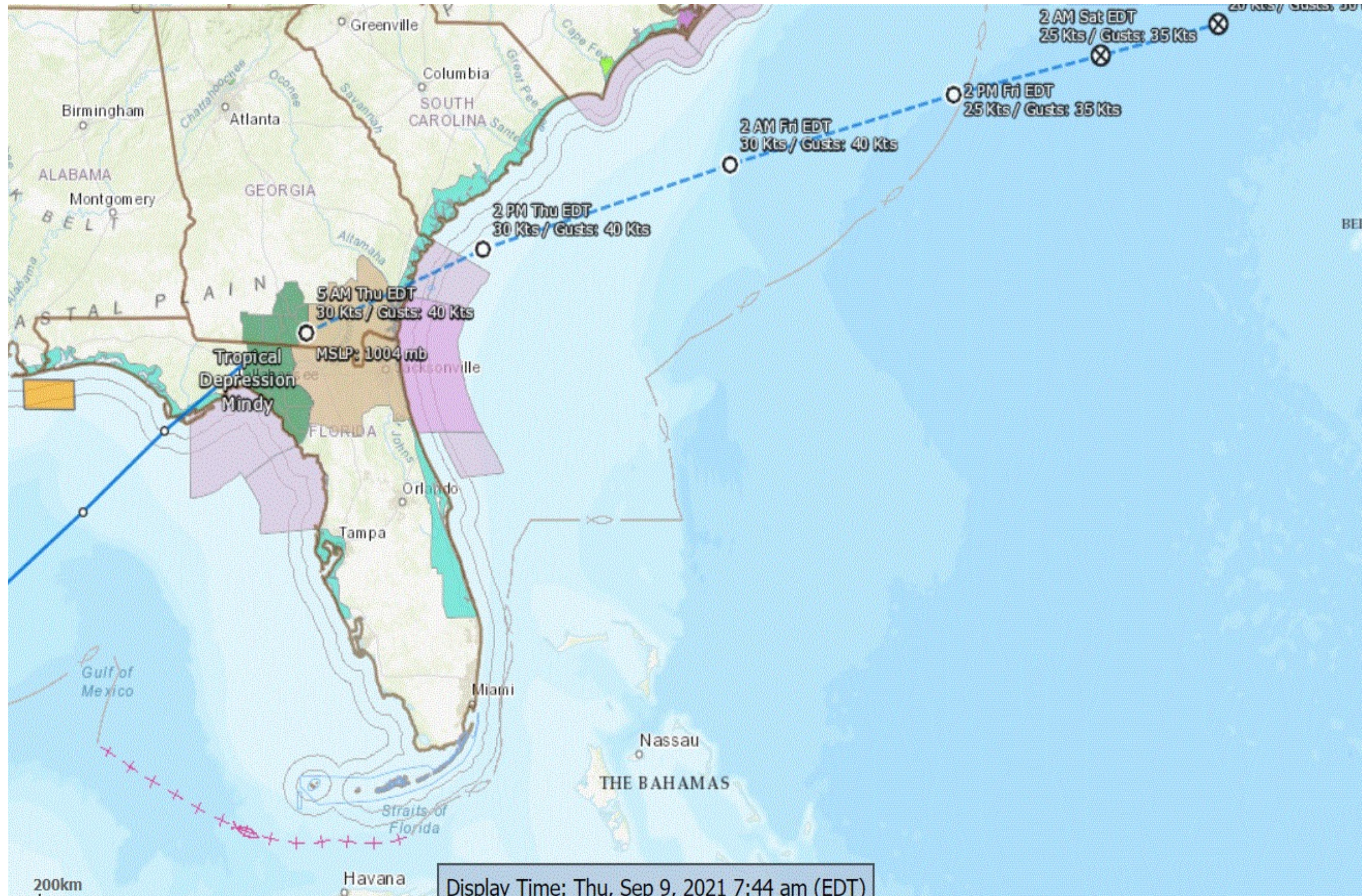


# Hazards Map

## Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



- Gale Warning and Small craft advisory
- <https://nowcoast.noaa.gov/>

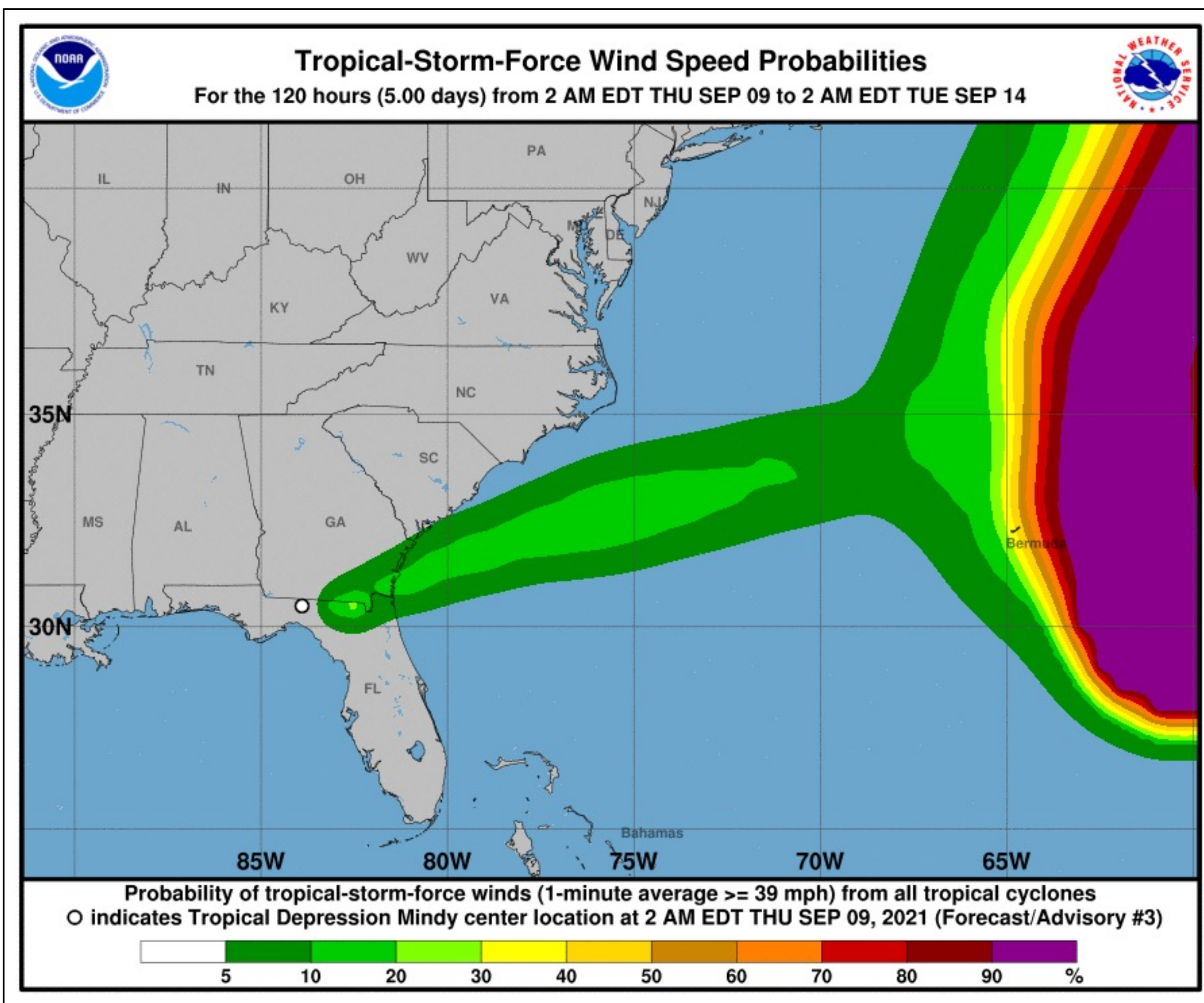


# T.S. Wind Speed Probabilities

Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

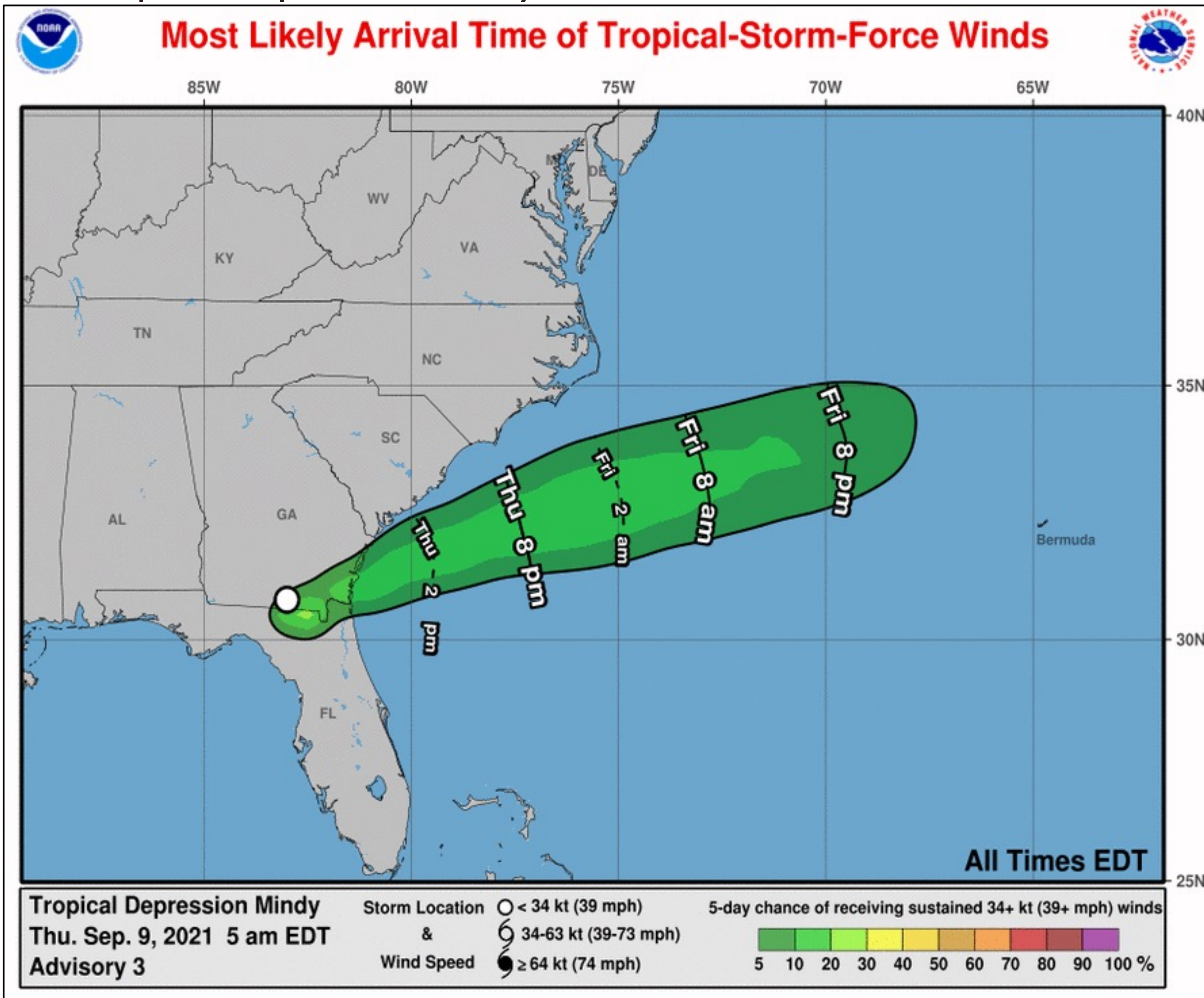


- Kings Bay, Georgia – 15%
- Mayport NS, Florida – 5%
- Jacksonville, Florida – 5%
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.





## Tropical Depression Mindy



- Georgia offshore waters – Today
- South Carolina offshore waters – Today and 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.

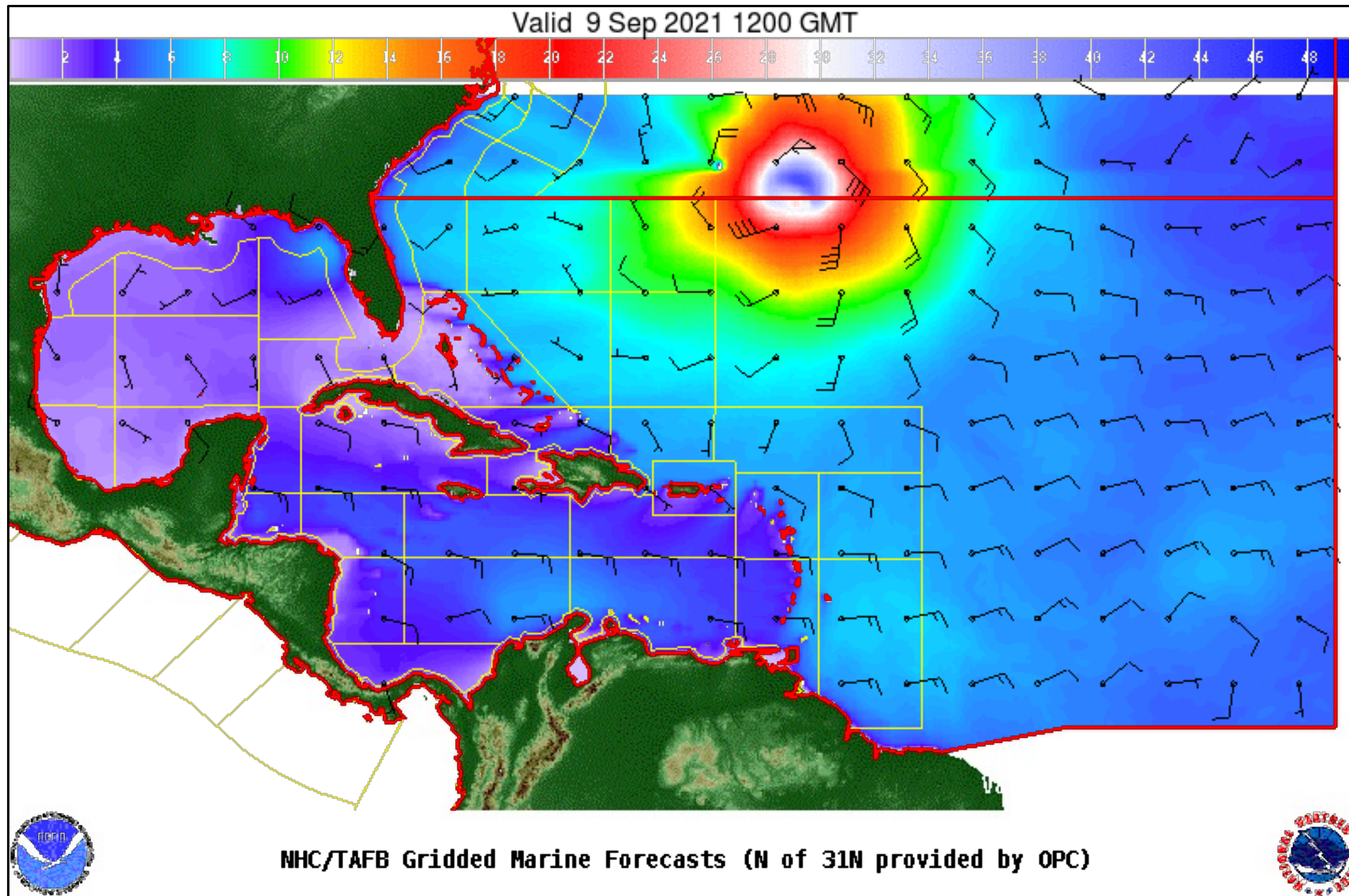


# Wind And Waves

Tropical Depression Mindy



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NWS National Hurricane Center



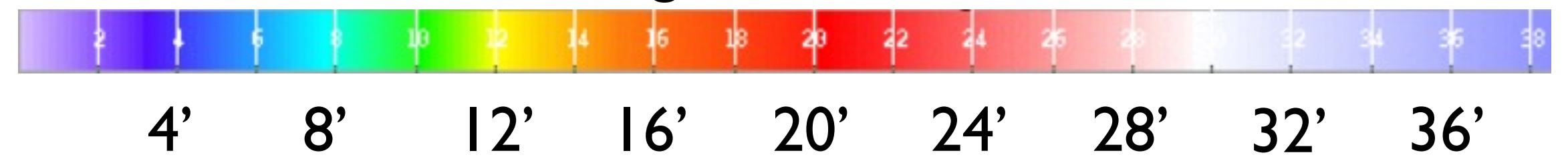
## Current Conditions

8 AM EDT Thursday September 9

Peak Winds: 30 kt

Peak Seas: 9 ft

■ Wave heights are in feet



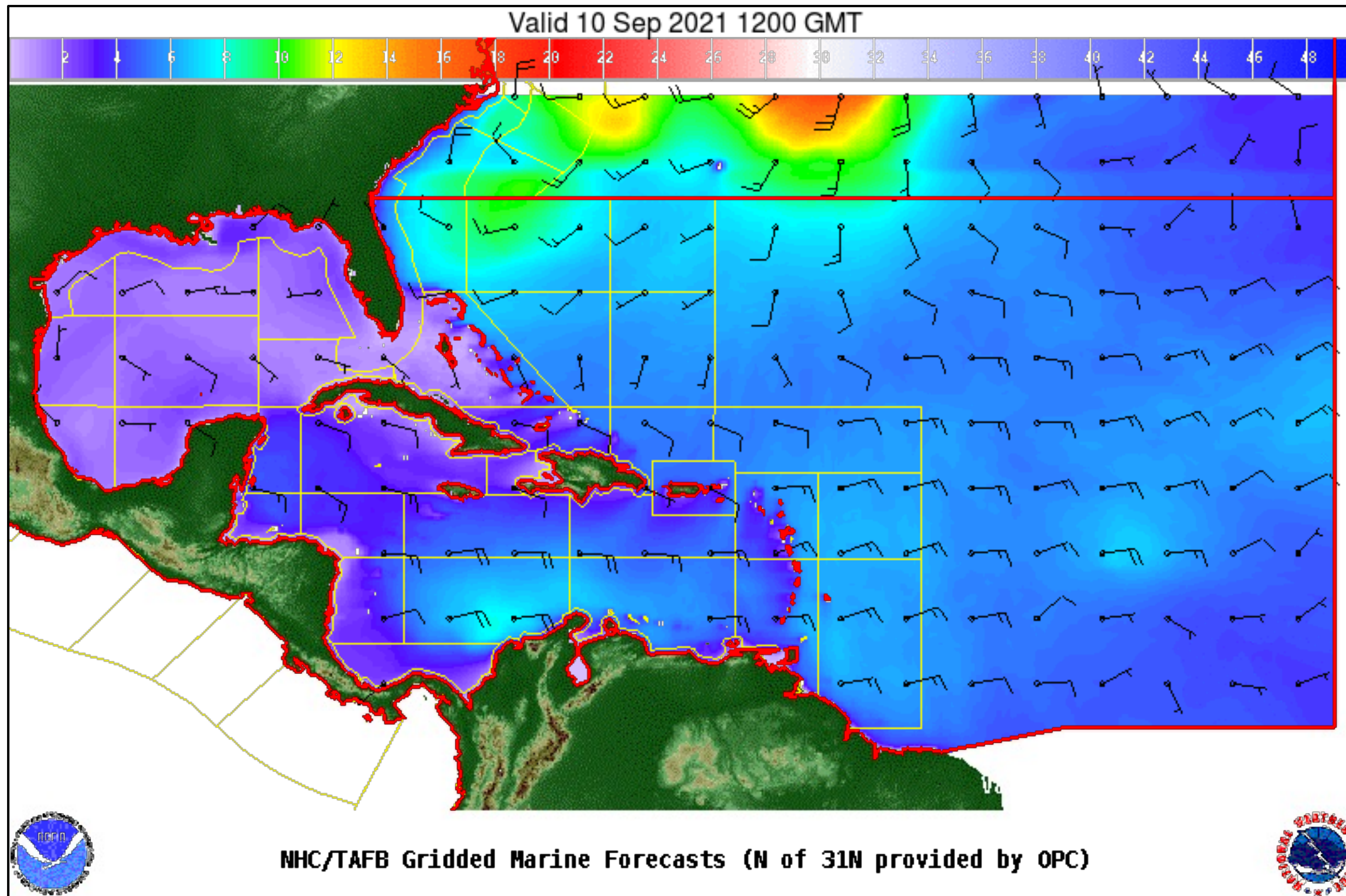


# Wind And Waves

Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



24 Hour Forecast

8 AM EDT Friday September 10

Peak Winds: 30 kt

Peak Seas: 11 ft

■ Wave heights are in feet



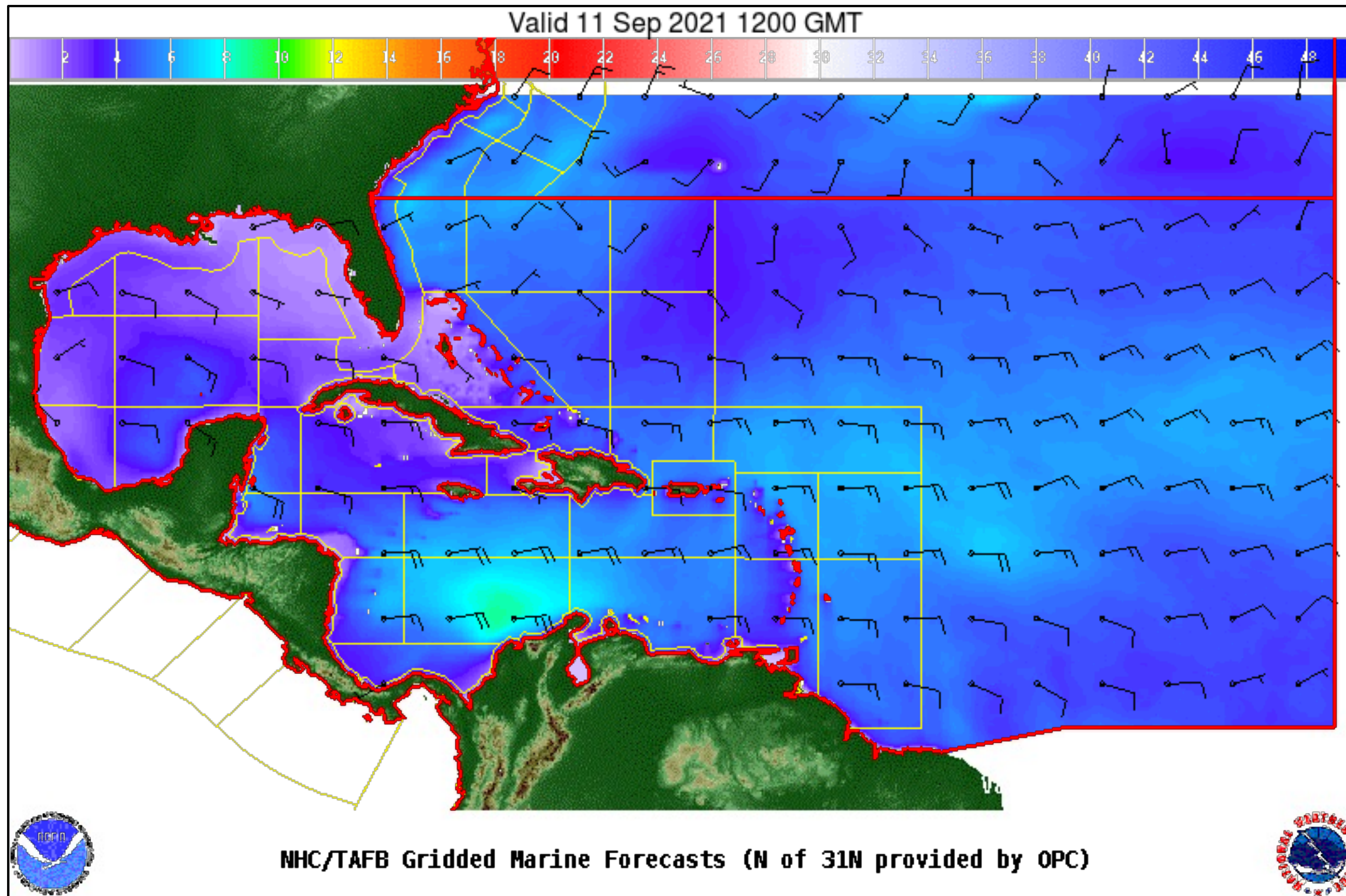


# Wind And Waves

Tropical Depression Mindy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



48 Hour Forecast

8 AM EDT Saturday September 11

Peak Winds: 25

Peak Seas: 8 ft

■ Wave heights are in feet



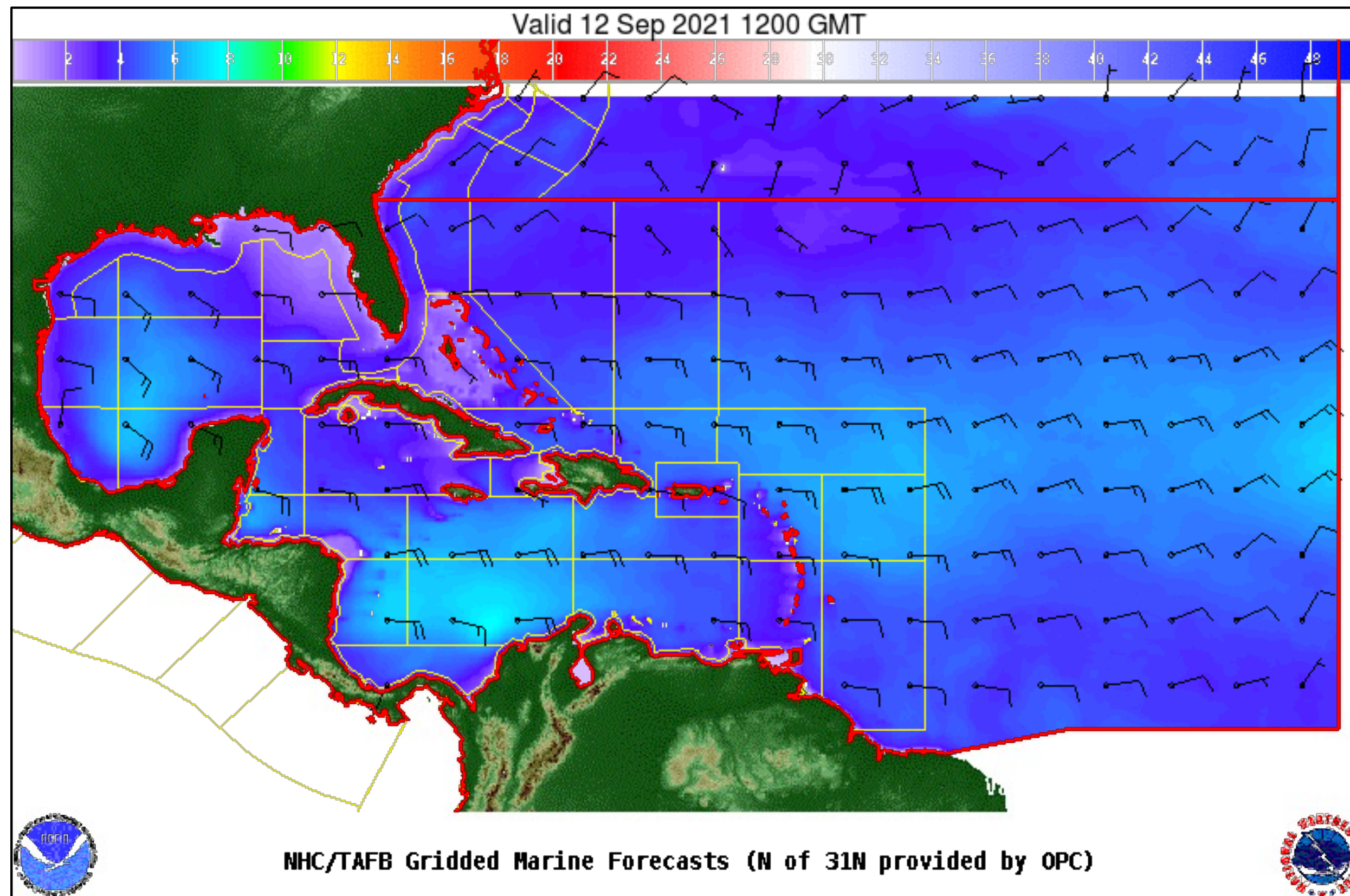


# Wind And Waves

Tropical Depression Mindy



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72 Hour Forecast

8 AM EDT Sunday September 12

Peak Winds: 20 kt

Peak Seas: 7 ft

■ Wave heights are in feet





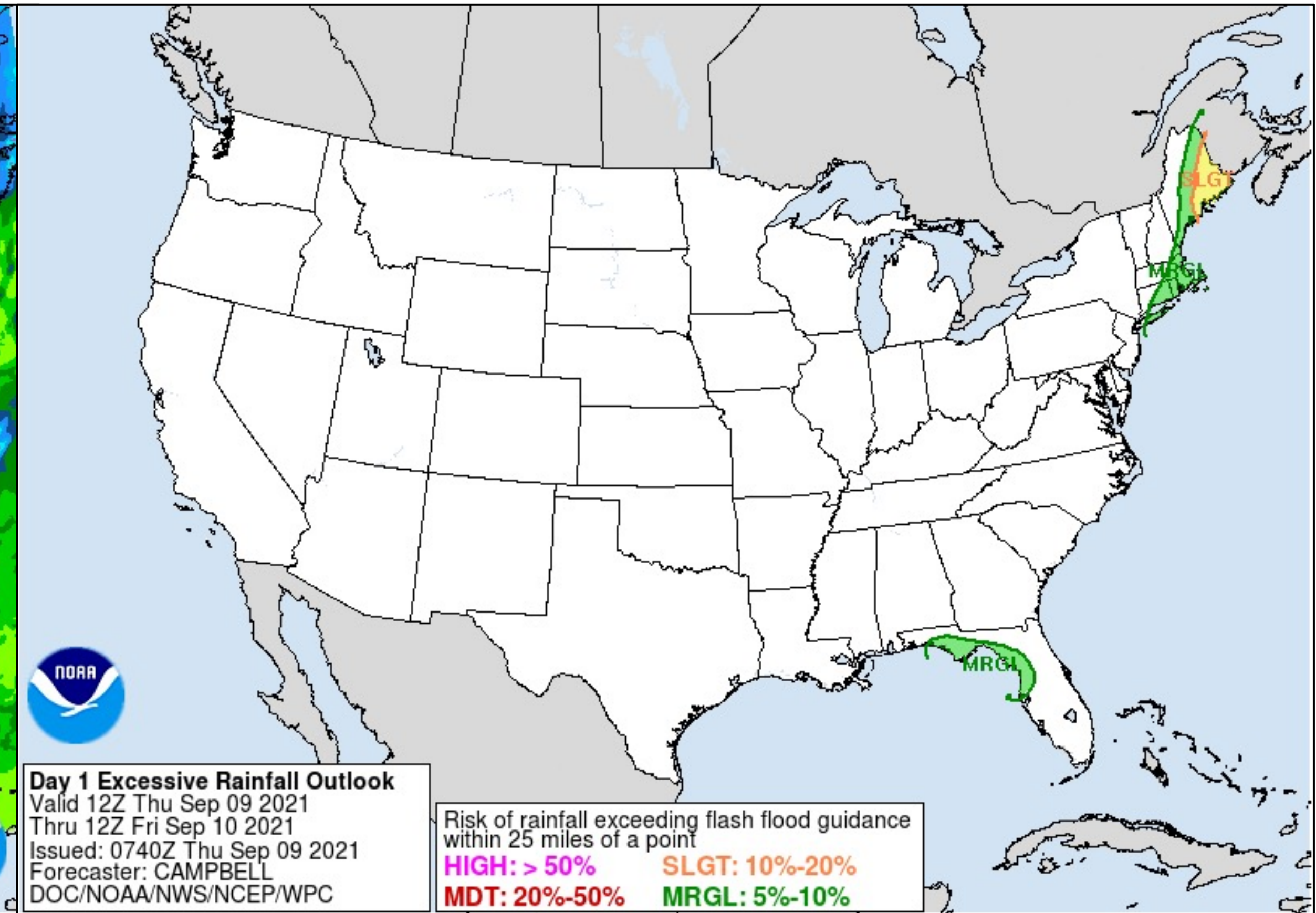
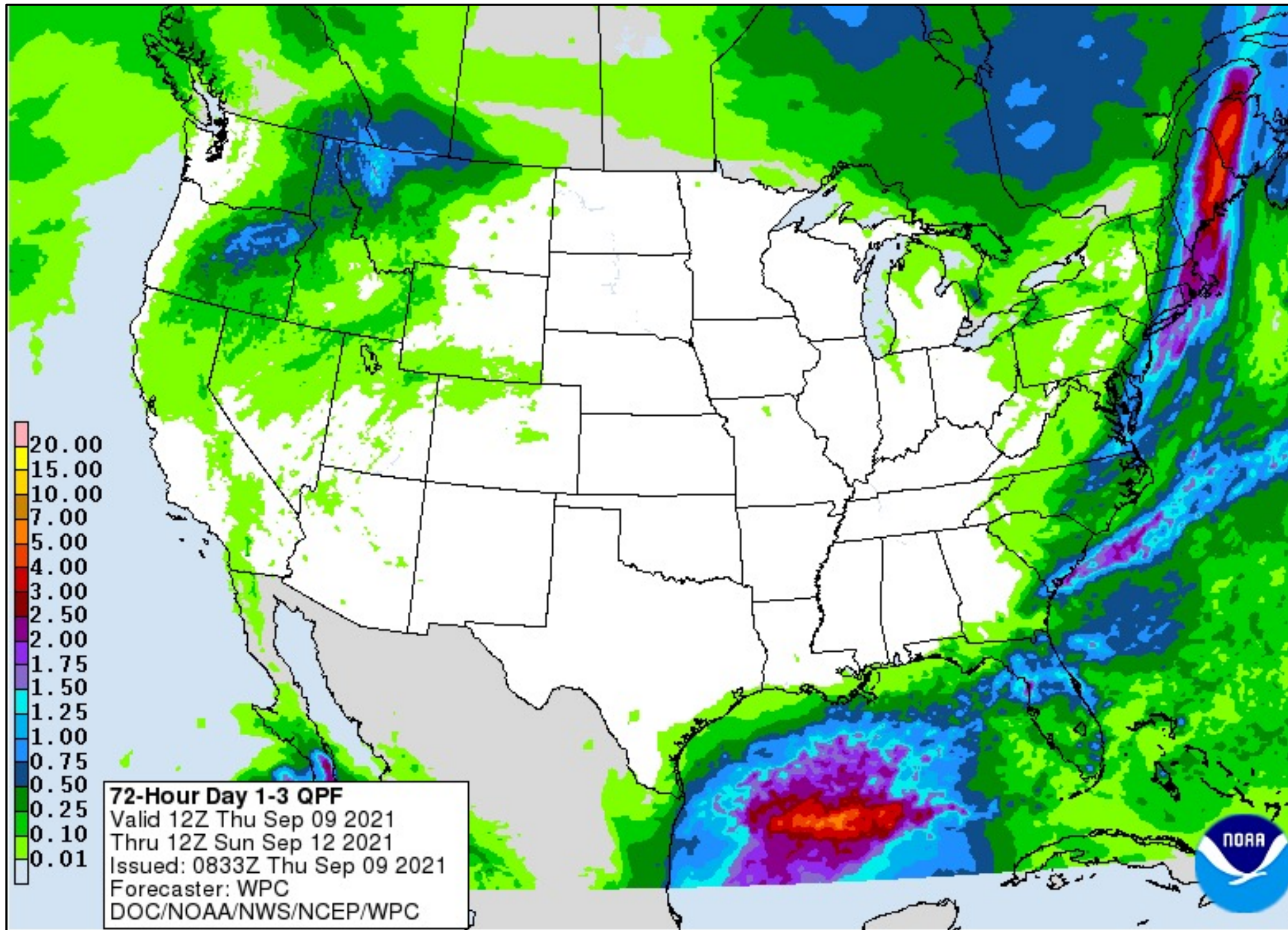
# Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

Tropical Depression Mindy

Images from NWS Weather Prediction Center



- Total rainfall in inches through Sunday morning

Risk of rainfall exceeding flash flood guidance within 25 miles of a point  
**HIGH: > 50%**      **SLGT: 10%-20%**  
**MDT: 20%-50%**      **MRGL: 5%-10%**

Refer to map legend for Valid Time




# Key Messages

## Tropical Depression Mindy




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NWS National Hurricane Center



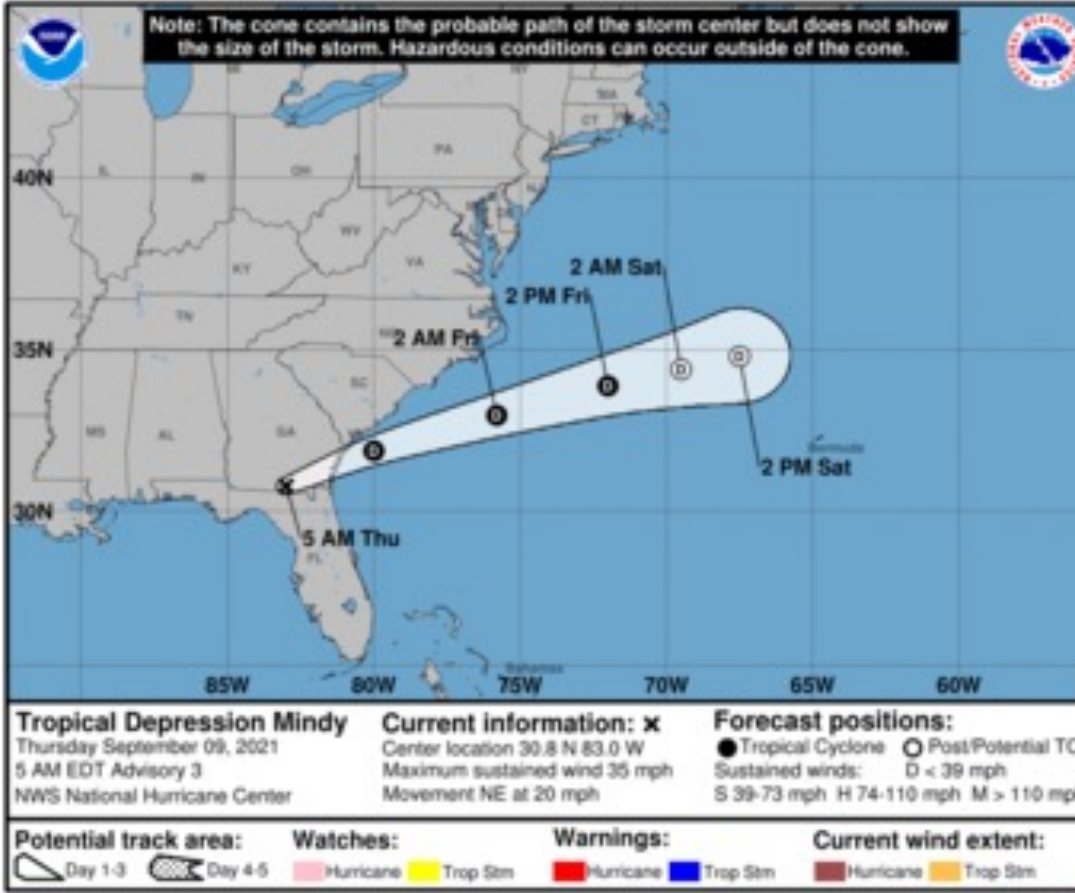
### Key Messages for Tropical Depression Mindy

Advisory 3: 5:00 AM EDT Thu Sep 09, 2021



1. Mindy is expected to produce heavy rainfall across portions of southern Georgia and coastal South Carolina this morning. This rainfall may produce isolated to scattered flash, urban, and small stream flooding.

2. Tropical-storm-force wind gusts are possible across portions of southeastern Georgia this morning.



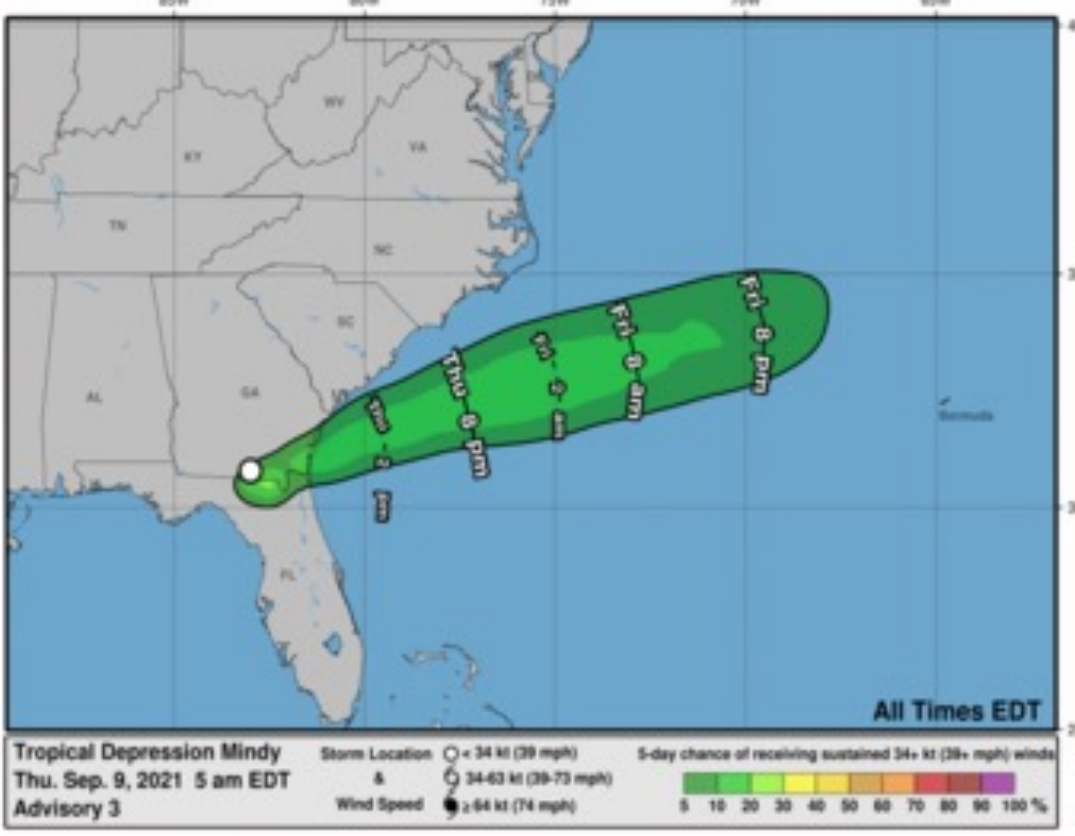
**Tropical Depression Mindy**  
Thursday September 09, 2021  
5 AM EDT Advisory 3  
NWS National Hurricane Center

**Current information: x**  
Center location 30.8 N 83.0 W  
Maximum sustained wind 35 mph  
Movement NE at 20 mph

**Forecast positions:**  
● Tropical Cyclone ○ Post/Potential TC  
Sustained winds: D < 39 mph  
S 39-73 mph H 74-110 mph M > 110 mph

**Potential track area:** Day 1-3 Day 4-5  
**Watches:** Hurricane Trop Stm  
**Warnings:** Hurricane Trop Stm  
**Current wind extent:** Hurricane Trop Stm

**Most Likely Arrival Time of Tropical-Storm-Force Winds**



**Tropical Depression Mindy**  
Thu, Sep. 9, 2021 5 am EDT  
Advisory 3

Storm Location ○ = 34 kt (39 mph)  
● = 34-63 kt (39-73 mph)  
● = 64 kt (74 mph)

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

For more information go to [hurricanes.gov](http://hurricanes.gov)

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

Winds - Moderate

Storm Surge - None

Rainfall/Flash Flooding - Moderate

Tornadoes - Low

Waves - Low





# TROPICAL DEPRESSION MINDY 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](http://www.hurricanes.gov)*



NHC\_TAFB

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