

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

**Winds – Medium**

**Storm Surge – None**

**Rainfall/Flash Flooding – Medium**

**Tornadoes – None**

**Waves - High**

# HURRICANE TAMMY BRIEFING

8:00 AM EDT

Sunday, October 22, 2023

Prepared by:

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**Cecille Villanueva, NWS San Juan**

*Tropical Analysis and Forecast Branch*

*NWS National Hurricane Center*

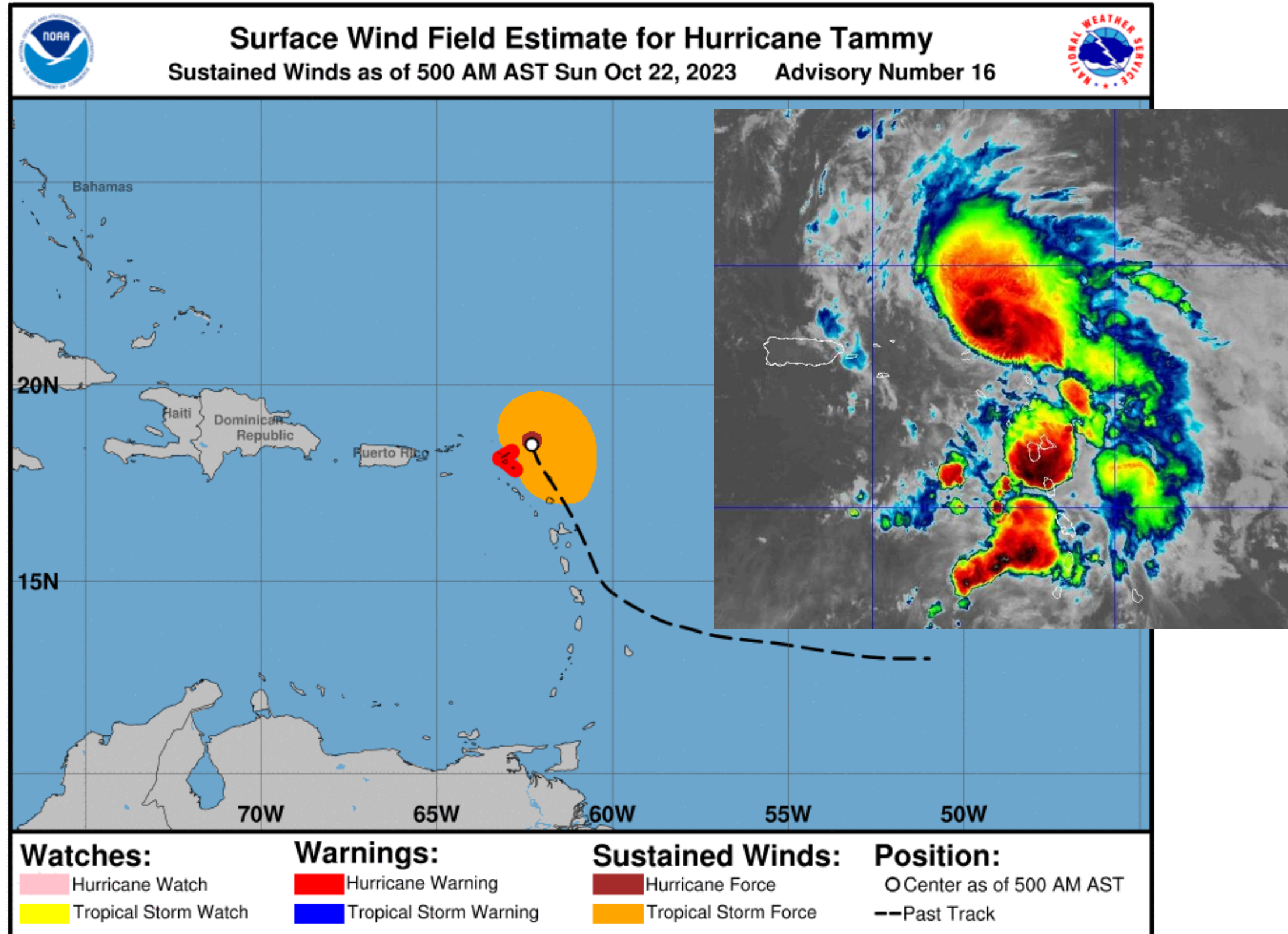


# Situation Overview

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



**...TAMMY PULLING AWAY FROM NORTHERN LEEWARD ISLANDS...**

Summary of 800 AM EDT... 1200 UTC... Information

Location... 18.9N 62.5W

About 50 nm... NE of Anguilla

About 140 nm... ENE of St. Thomas

Maximum Sustained Winds... 75 kt

Present Movement... NNW or 335 degrees at 9 kt

Minimum Central Pressure... 992 mb

34 kt wind radii: 90 NE, 120 SE, 30 SW, 70 NW

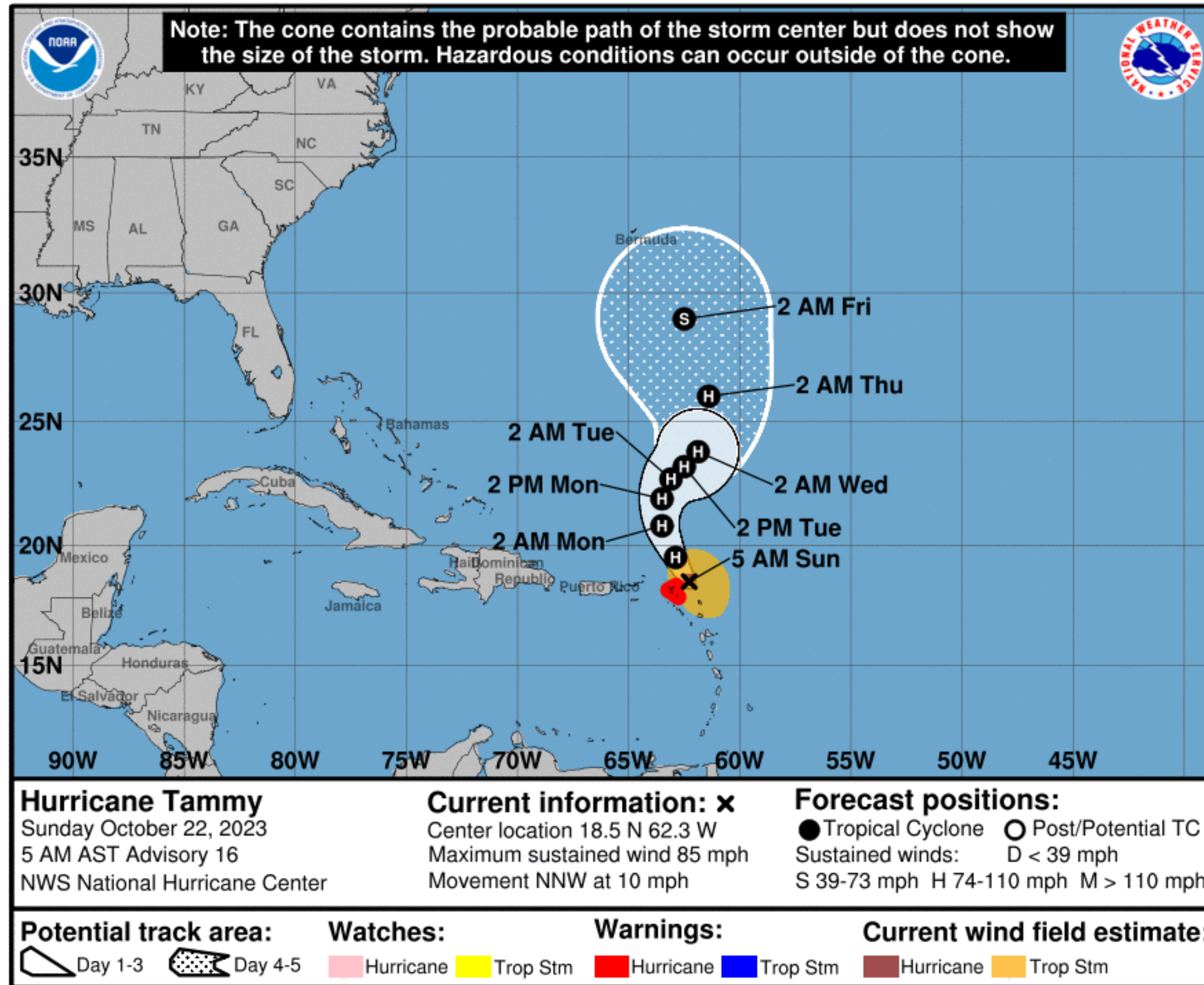
12 ft seas radii: 180 NE, 150 SE, 90 SW, 180 NW

# Forecast Information

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



- Tammy is forecast to maintain hurricane strength as it gradually moves away from the northernmost Leeward Islands today.

- The core will remain east and northeast of the Virgin Islands today

- Current center forecast positions through the next 5 days 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.

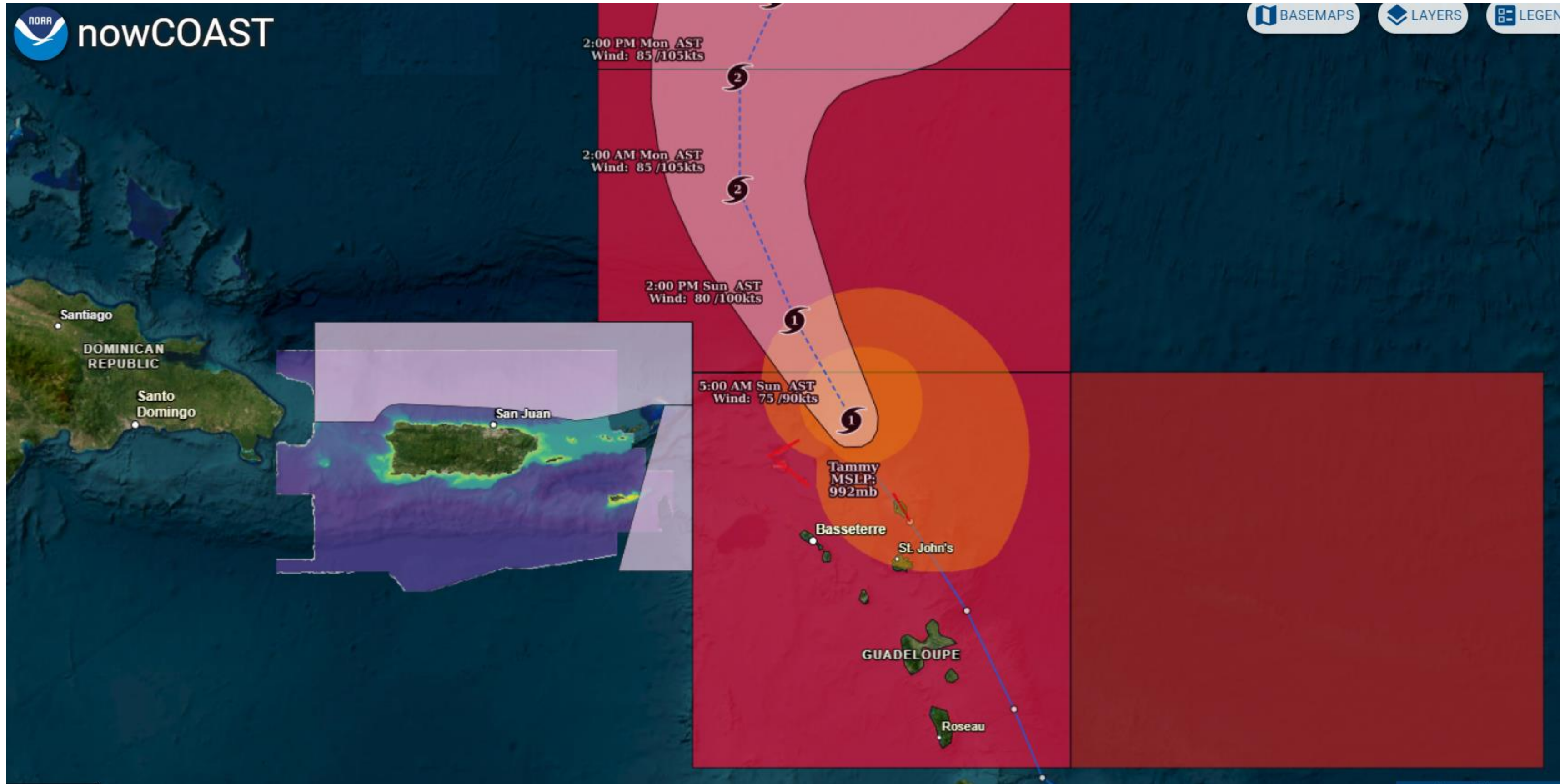
**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

# Hazards Map

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

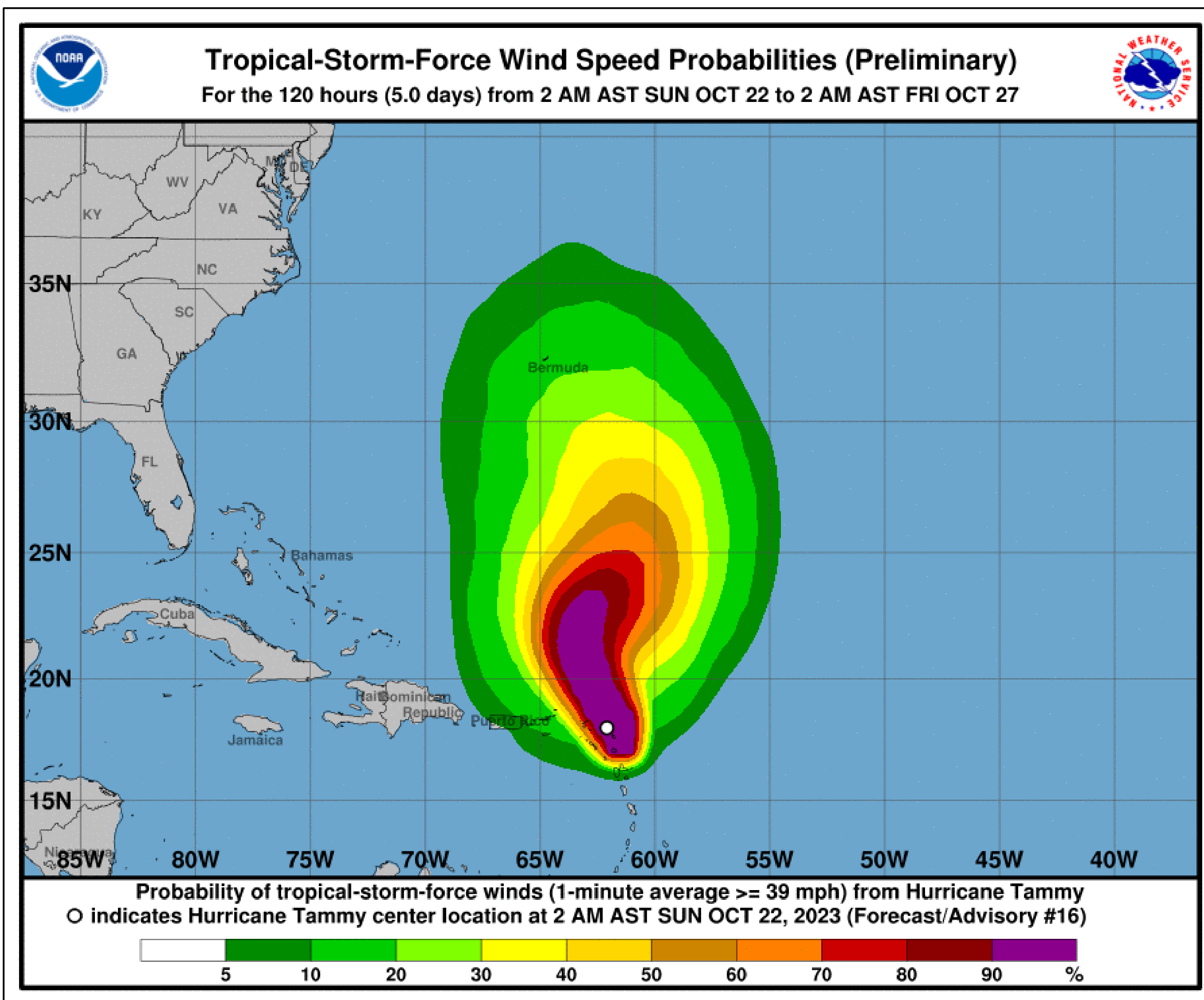


# T.S. Wind Speed Probabilities

Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



Chance of TS winds (**decrease since yesterday**):

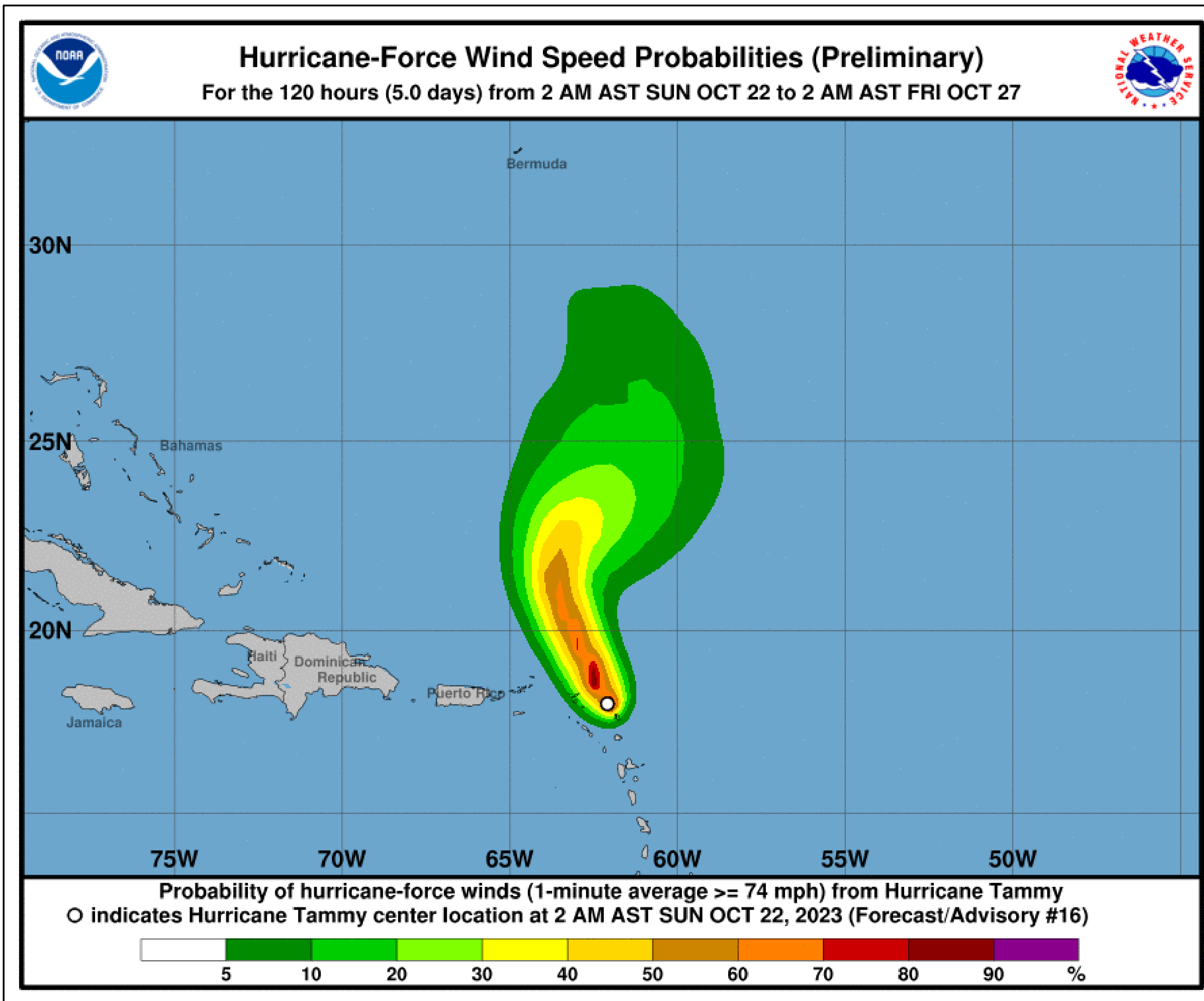
- **St. Thomas: 15% (-20%)**
  - **St. John: 15% (-25%)**
  - **Vieques: 10% (-15%)**
  - **St. Croix: 10% (-15%)**
- 
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
  - Clear or dark green are the lowest chances 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 Analysis and Forecast Branch  
NWS National Hurricane Center

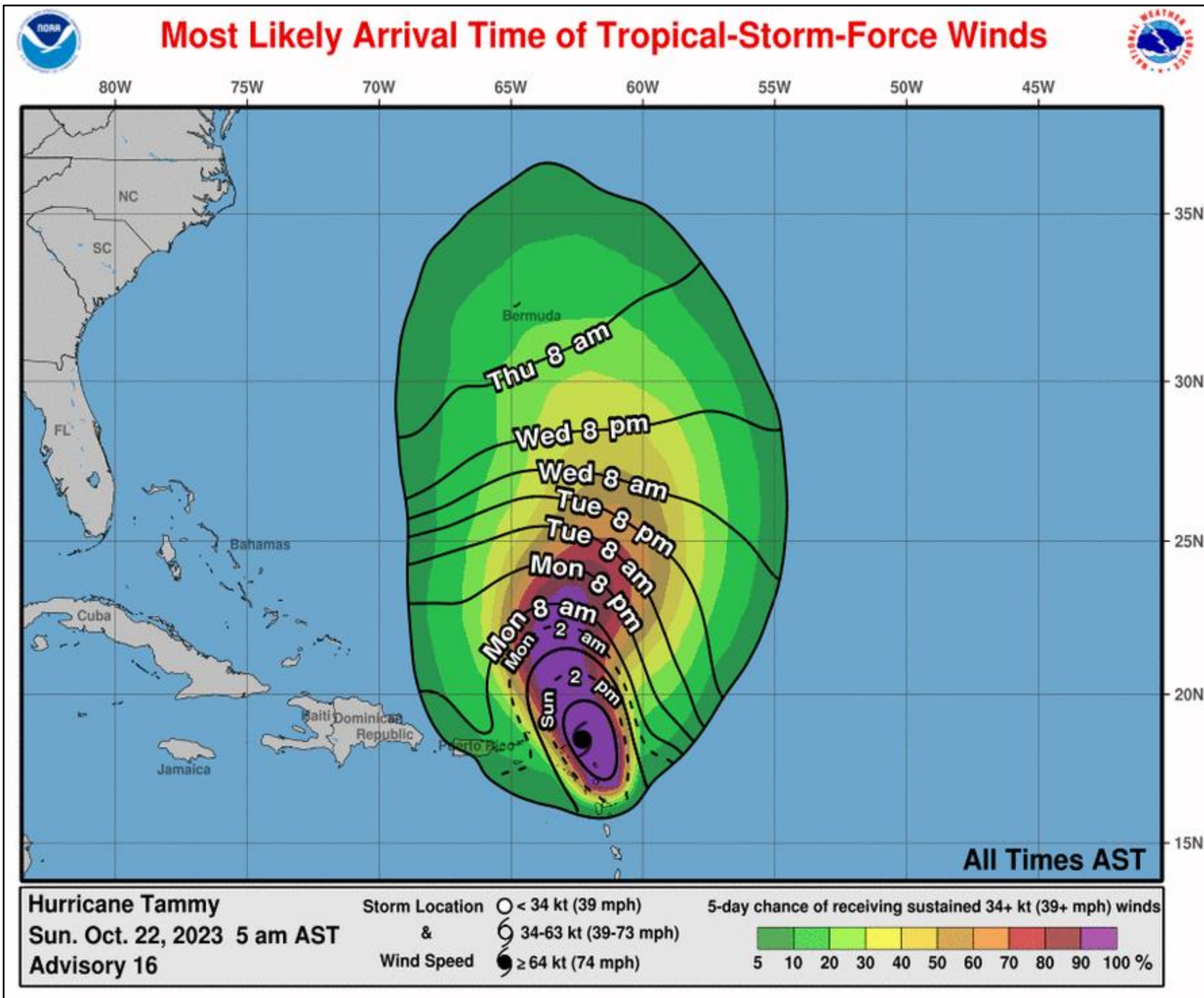
## Hurricane Tammy



- **Chance of hurricane force winds for U.S. Virgin Islands and Puerto Rico is less than 1%.**
- 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.



## Hurricane Tammy



- Winds will be departing the northern Leeward Islands later today. Gradual improvement expected through tonight.

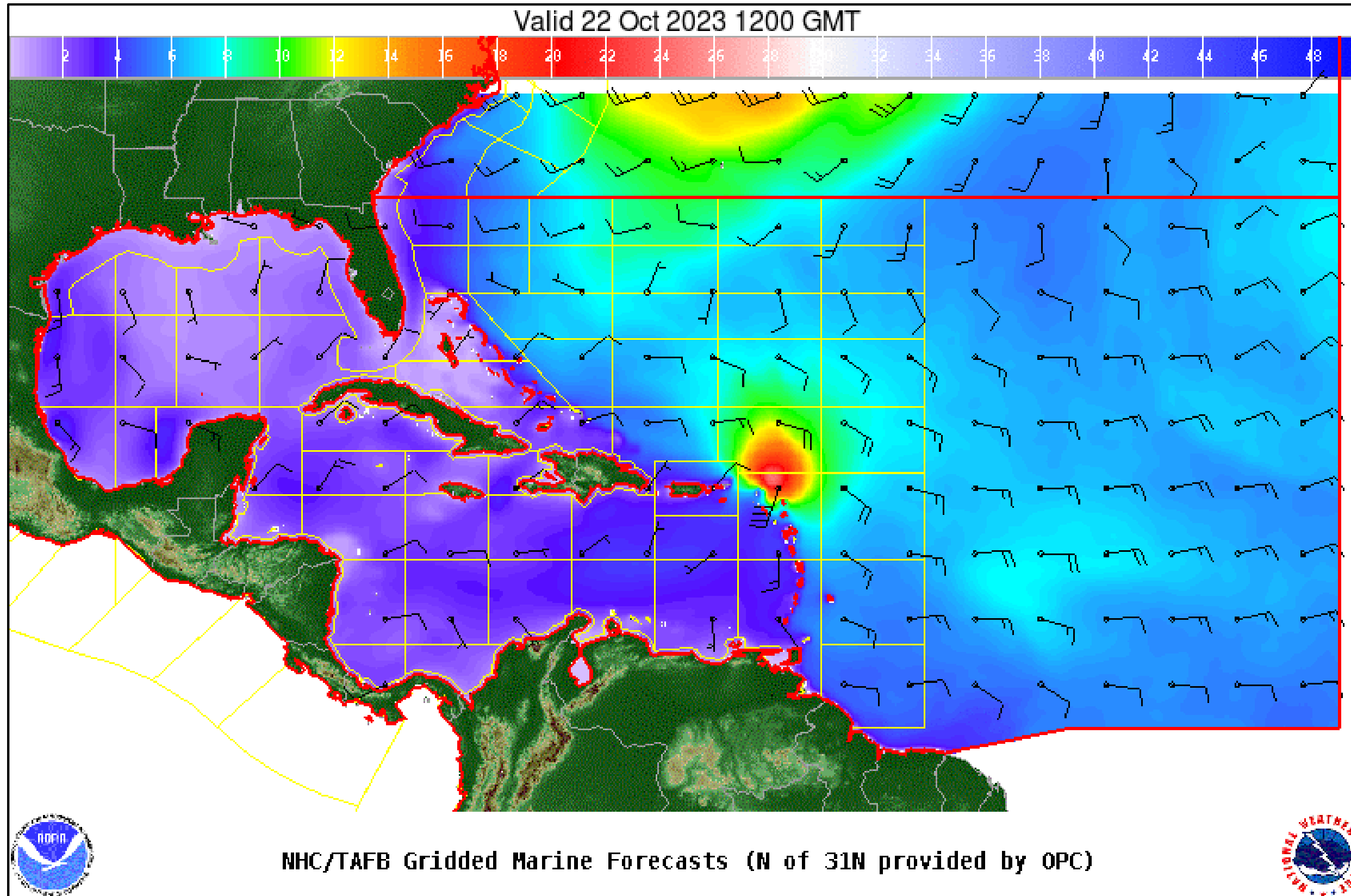
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color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

# Wind And Waves

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



Current Conditions  
**8am EDT Sun Oct 22**  
Peak Winds: 75 kt  
Peak Seas: 25 ft

- Wave heights are in feet



Significant Wave Height (ft)

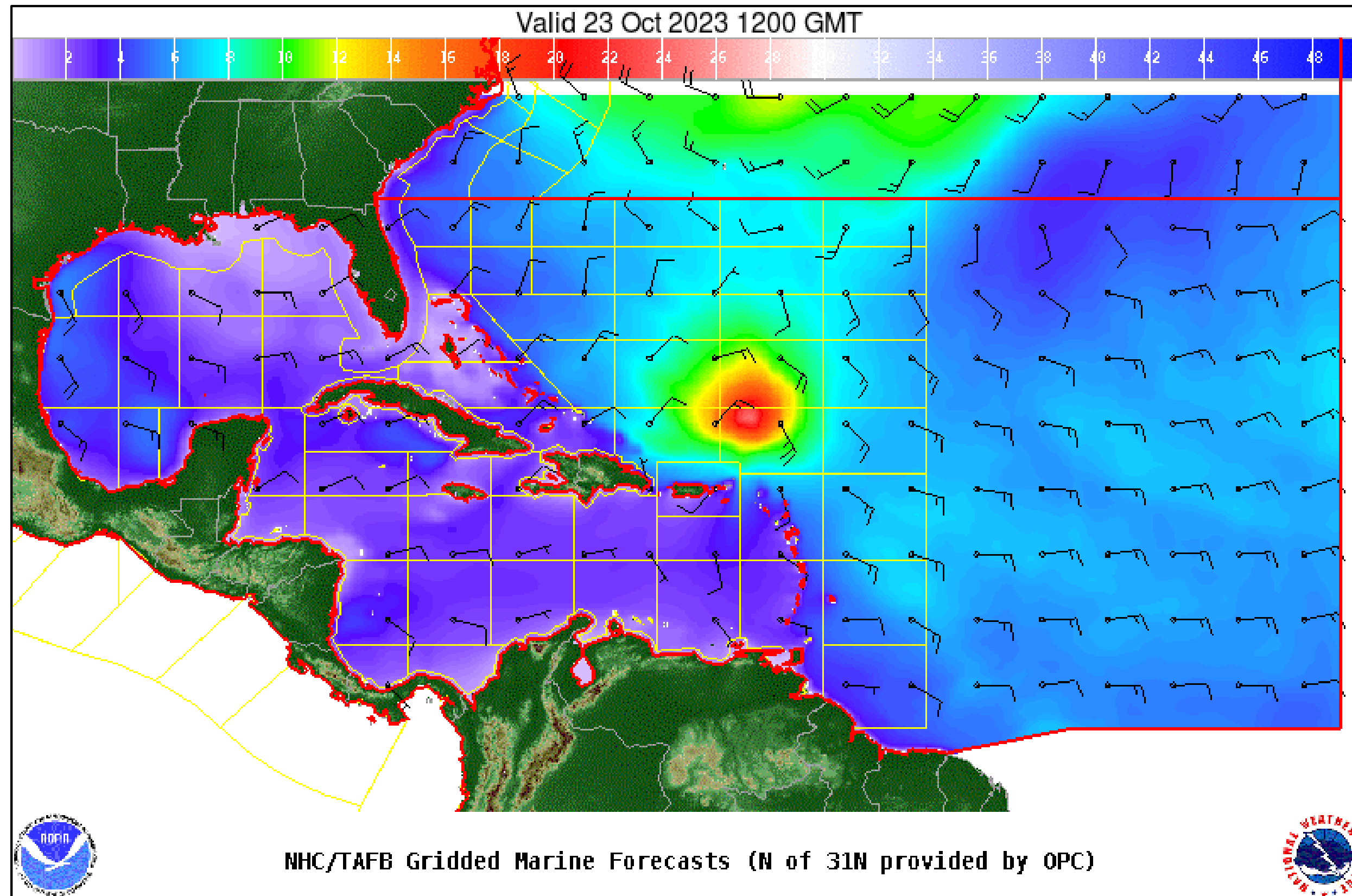


# Wind And Waves

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



### 24 Hour Forecast

8am EDT Mon Oct 23

Peak Winds: 85 kt

Peak Seas: 26 ft

- Wave heights are in feet



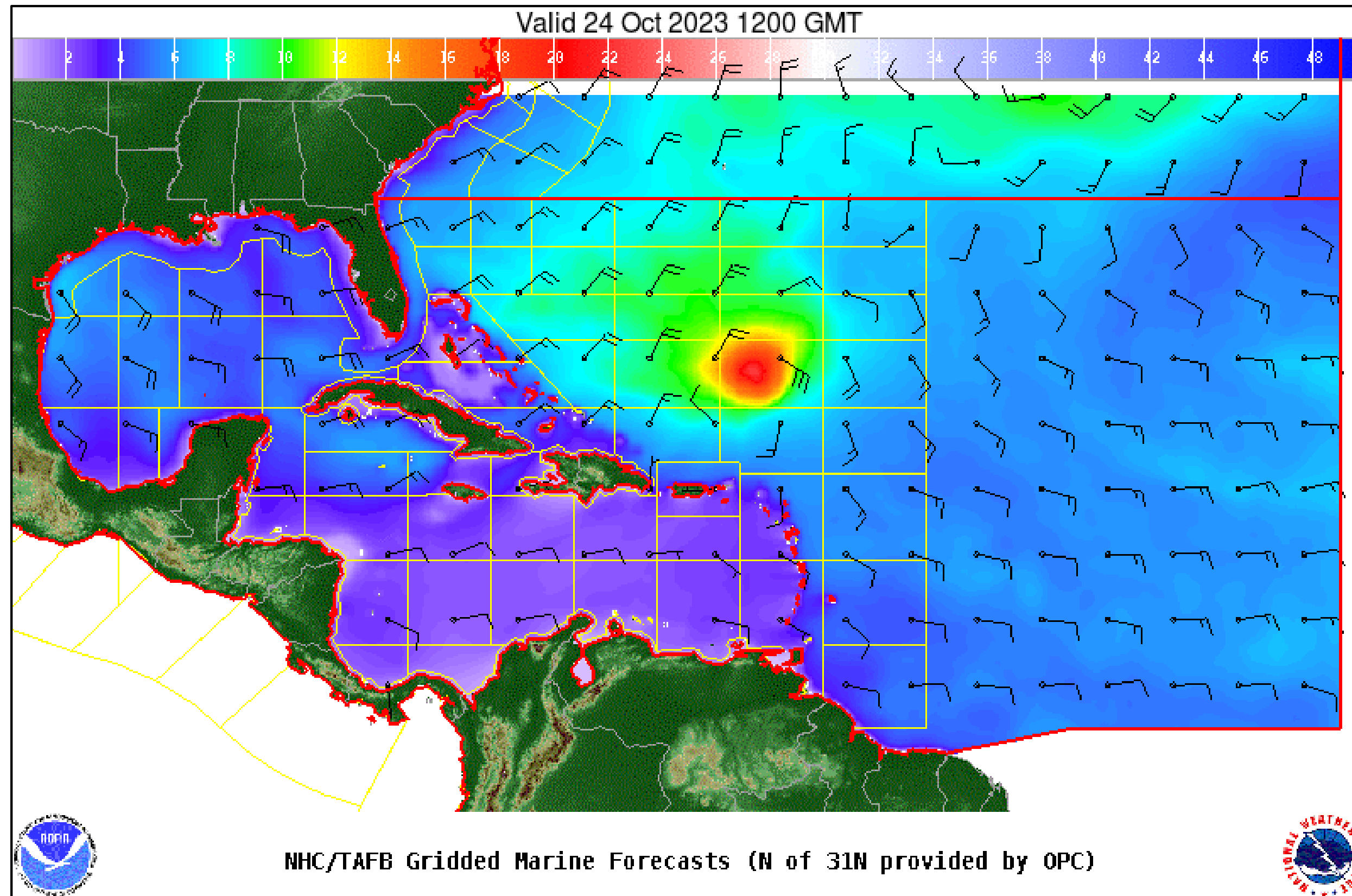
Significant Wave Height (ft)

# Wind And Waves

## Hurricane Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



48 Hour Forecast  
8am EDT Tue Oct 24  
Peak Winds: 80 kt  
Peak Seas: 26 ft

- Wave heights are in feet



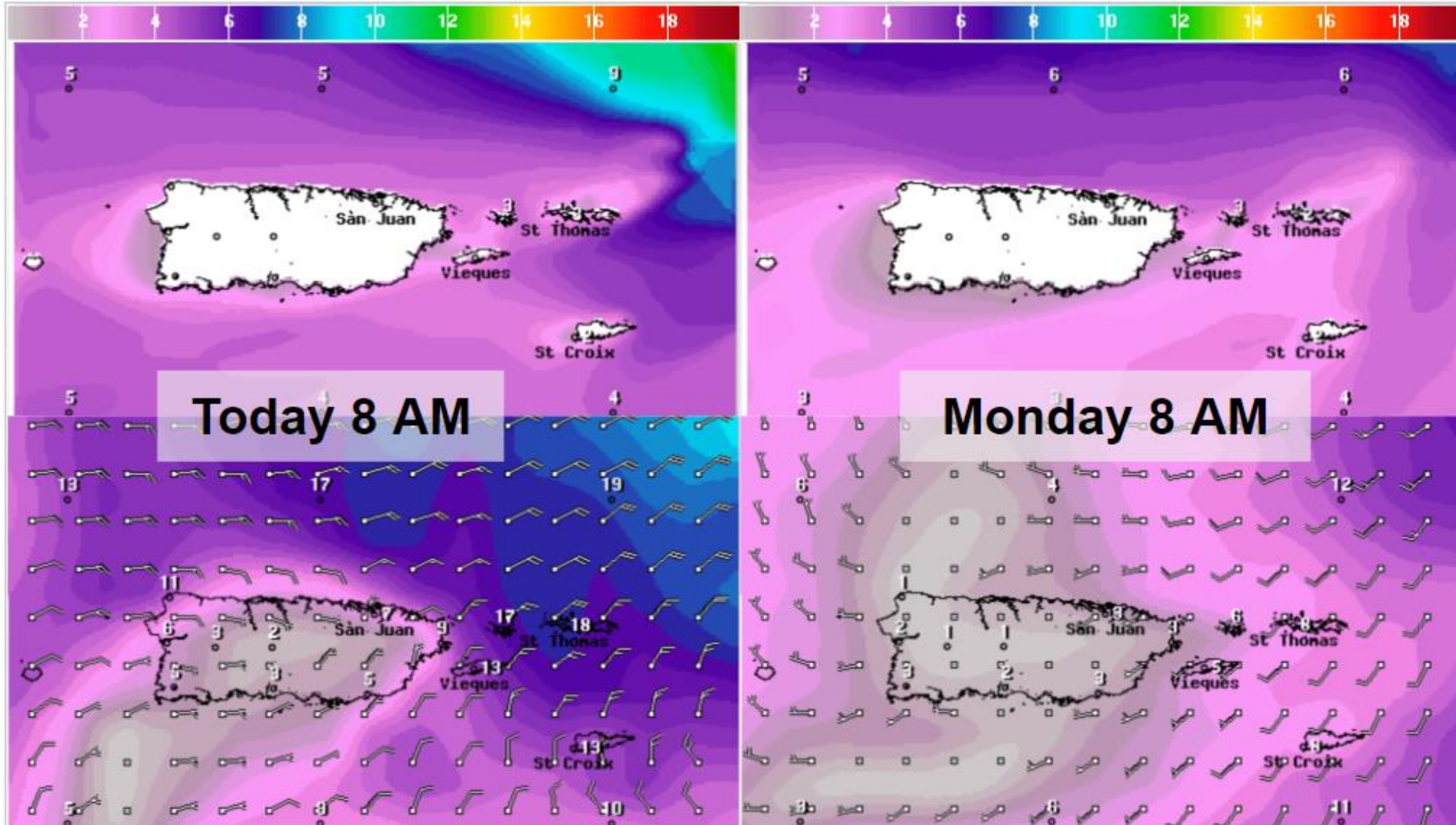
Significant Wave Height (ft)

# Winds and Waves (Puerto Rico)



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Hurricane Tammy

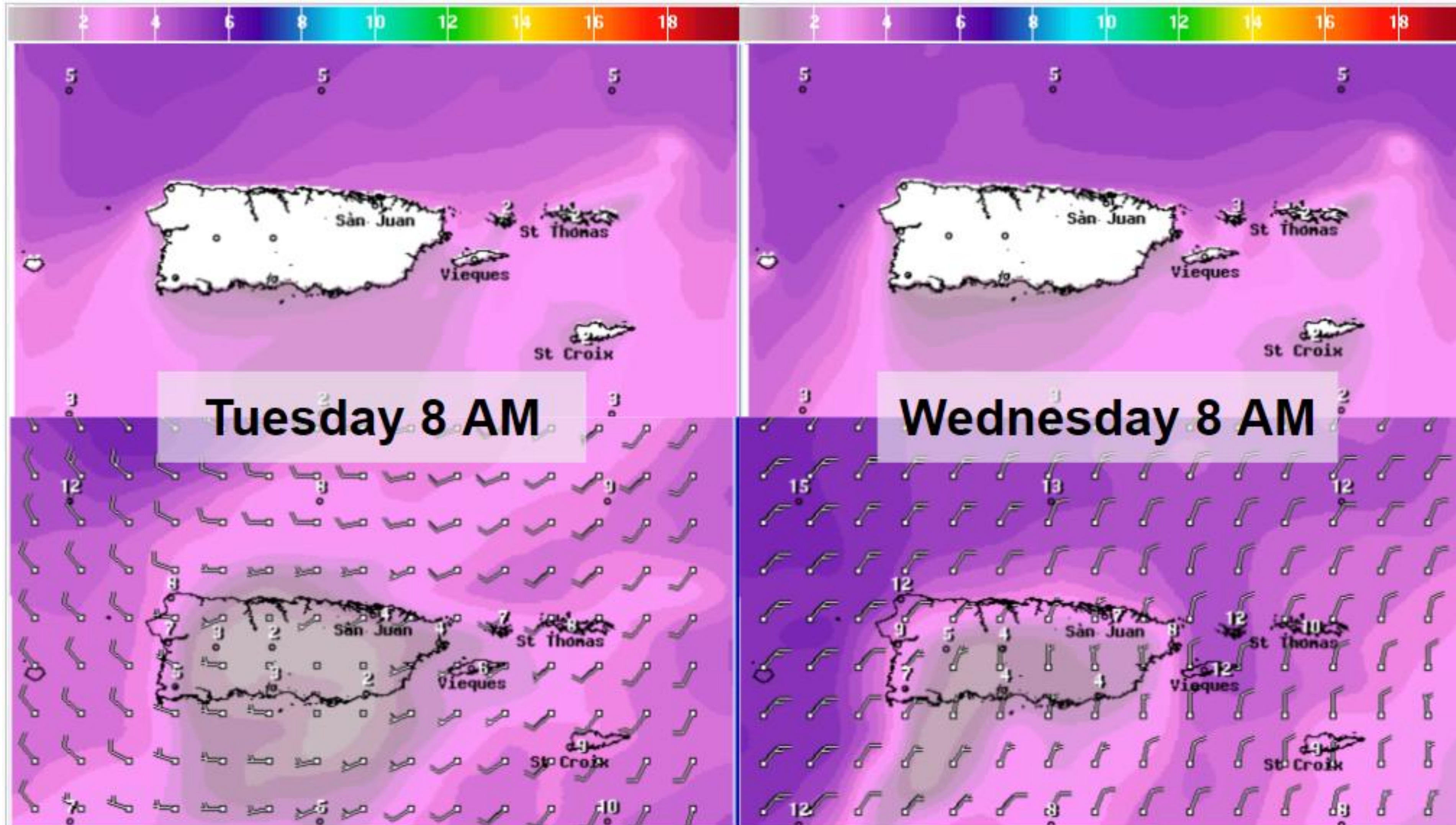


# Winds and Waves (Puerto Rico)



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

Hurricane Tammy



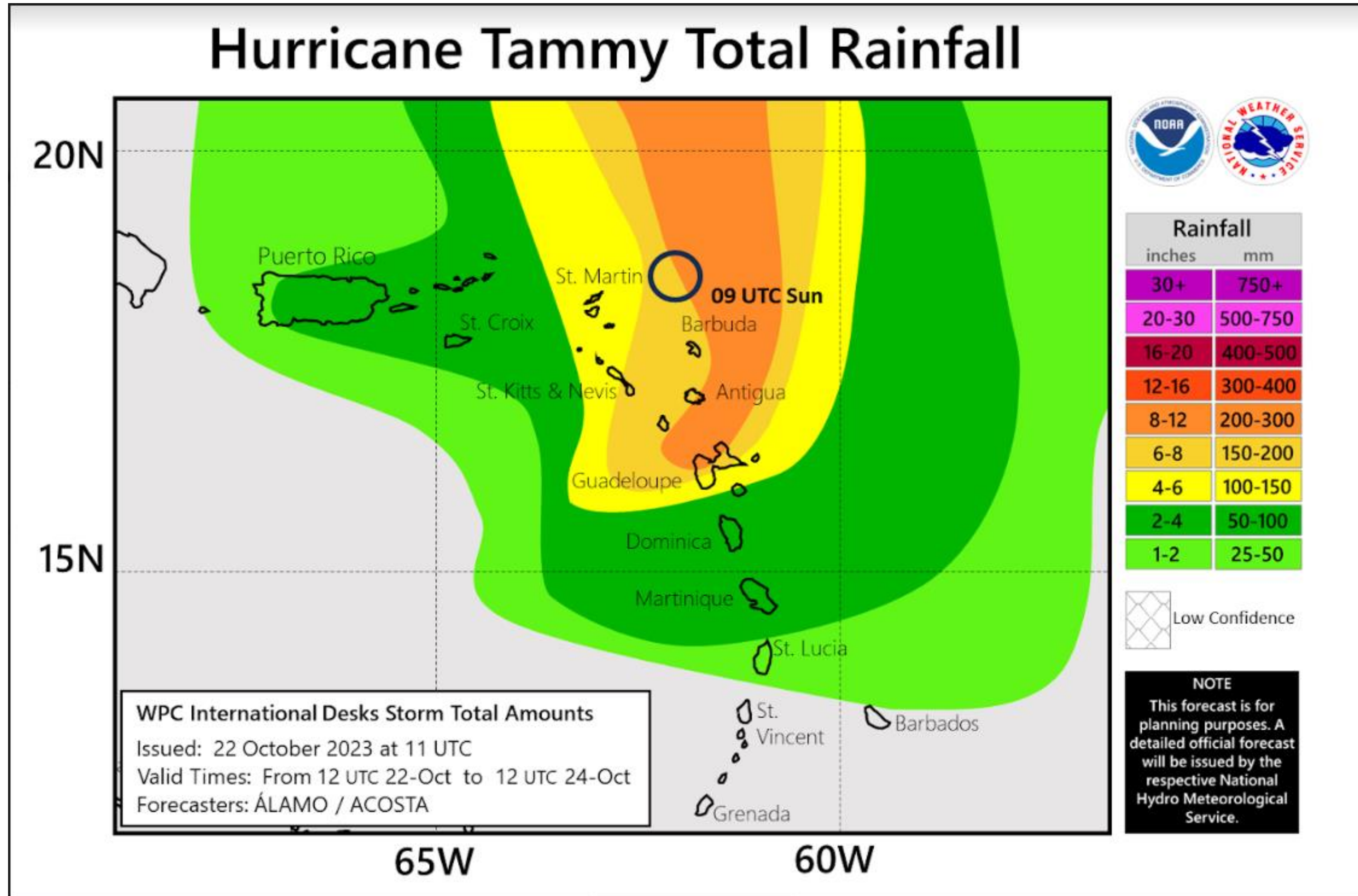
# Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

Hurricane Tammy

Images from NWS Weather Prediction Center



These rains may produce isolated flash and urban flooding, along with isolated mudslides in areas of higher terrain

Through 8am Tuesday

# Key Messages

## Hurricane Tammy



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NWS National Hurricane Center



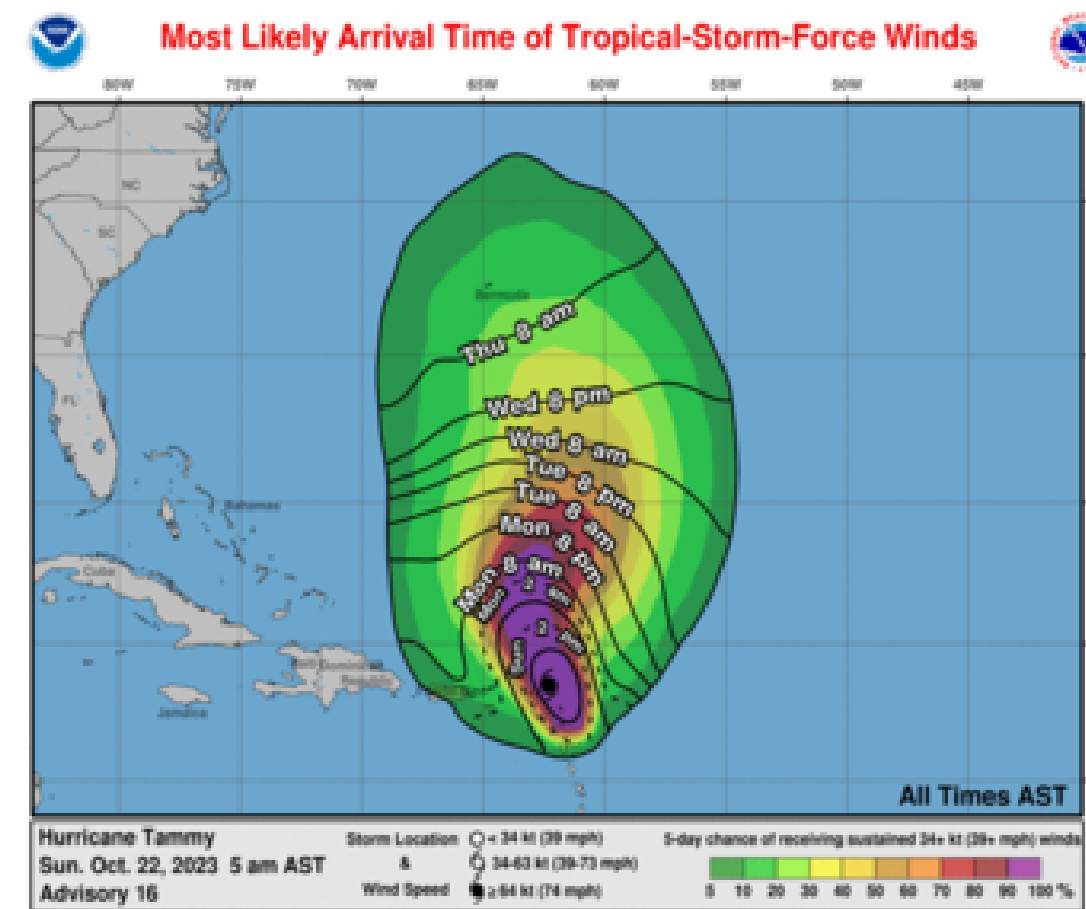
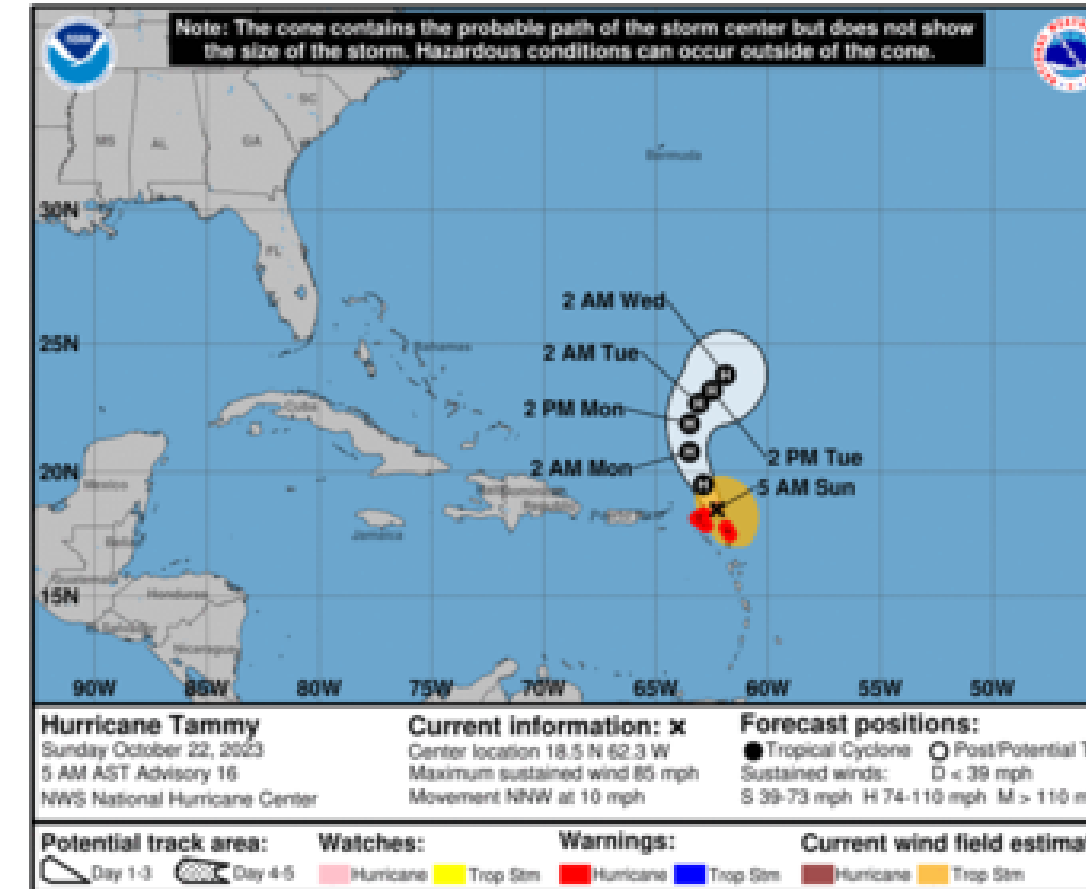
### Key Messages for Hurricane Tammy

Advisory 16: 5:00 AM AST Sun Oct 22, 2023



1. Hurricane conditions and coastal flooding in portions of the northern Leeward Islands within the warning area should continue for the next few hours.

2. The heaviest rains from Tammy will continue over the Leeward Islands through today. This rainfall may produce isolated flash and urban flooding, along with isolated mudslides in areas of higher terrain.



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

### Marine Key Messages:

- Hazardous marine conditions will persist through tonight into Mon morning across the northern Leeward Islands, Anegada Passage, and possibly BVI and USVI
- Winds and seas will improve starting Mon as Tammy continues to move north of the area



# HURRICANE TAMMY BRIEFING

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

*The Next Briefing Will Be:  
Monday 8:15 AM 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)