

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

**Winds – Medium**

**Storm Surge – Low**

**Rainfall/Flash Flooding – Medium**

**Tornadoes – Low**

**Waves - High**

# TROPICAL STORM TAMMY BRIEFING



8:15 AM EDT

Thursday, October 19, 2023

Prepared by:

Chris Landsea (NHC/TAFB)

Ernesto Rodriguez (WFO San Juan)



NHC\_TAFB

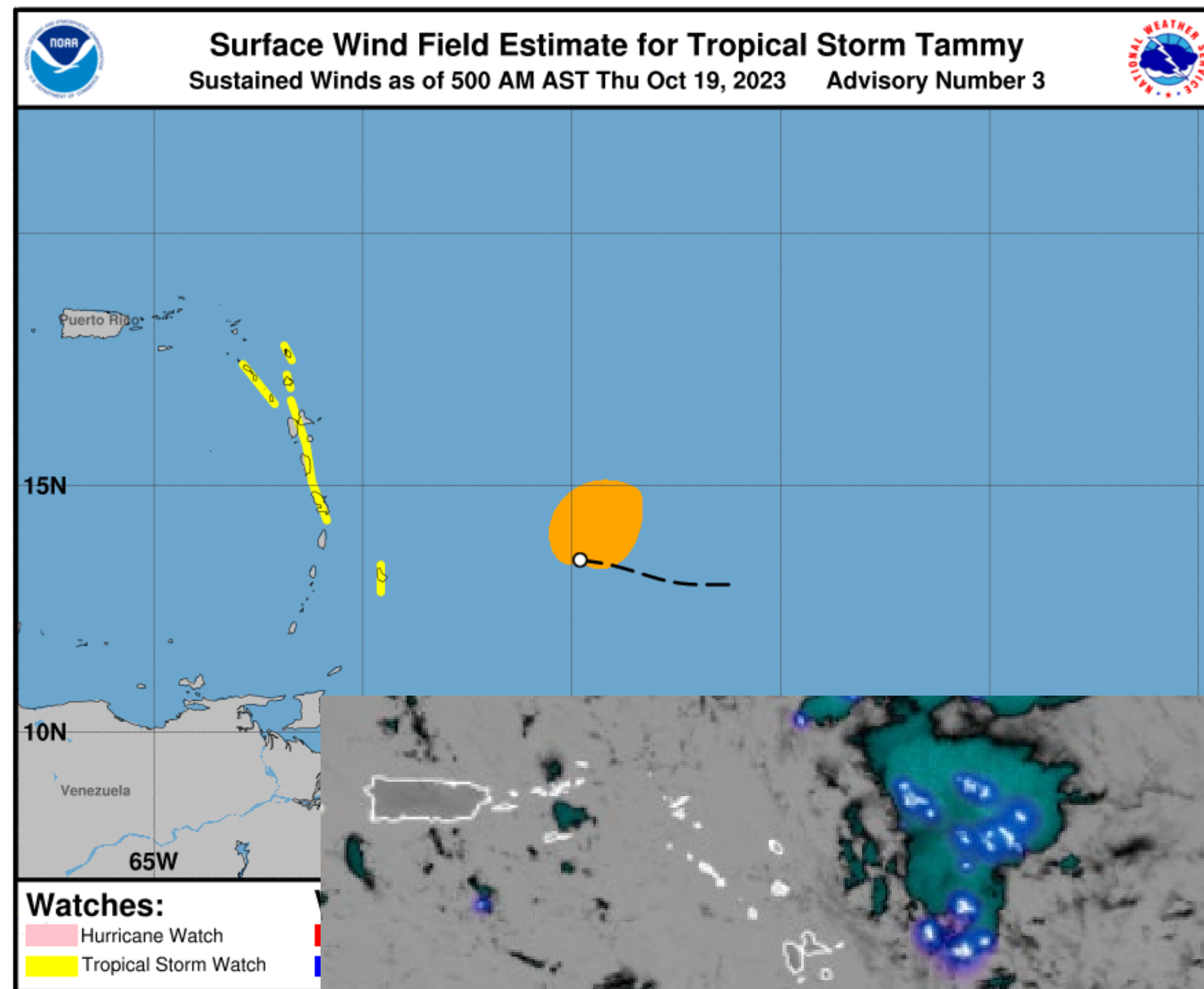
[www.nhc.noaa.gov](http://www.nhc.noaa.gov)

# Situation Overview

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



**...TAMMY EXPECTED TO GRADUALLY  
STRENGTHEN AS IT APPROACHES THE  
LEEWARD ISLANDS...  
...TROPICAL STORM CONDITIONS AND  
HEAVY RAIN ARE POSSIBLE BEGINNING  
FRIDAY...**

### SUMMARY OF 500 AM AST INFORMATION

LOCATION...13.5N 54.8W  
ABOUT 410 NM ESE OF GUADELOUPE  
MAXIMUM SUSTAINED WINDS...35 KT  
PRESENT MOVEMENT...W AT 15 KT  
MAX SEAS 18 FT

SIZE:  
34 KT.....120NE 0SE 0SW 60NW.  
12 FT SEAS..210NE 90SE 30SW 120NW.

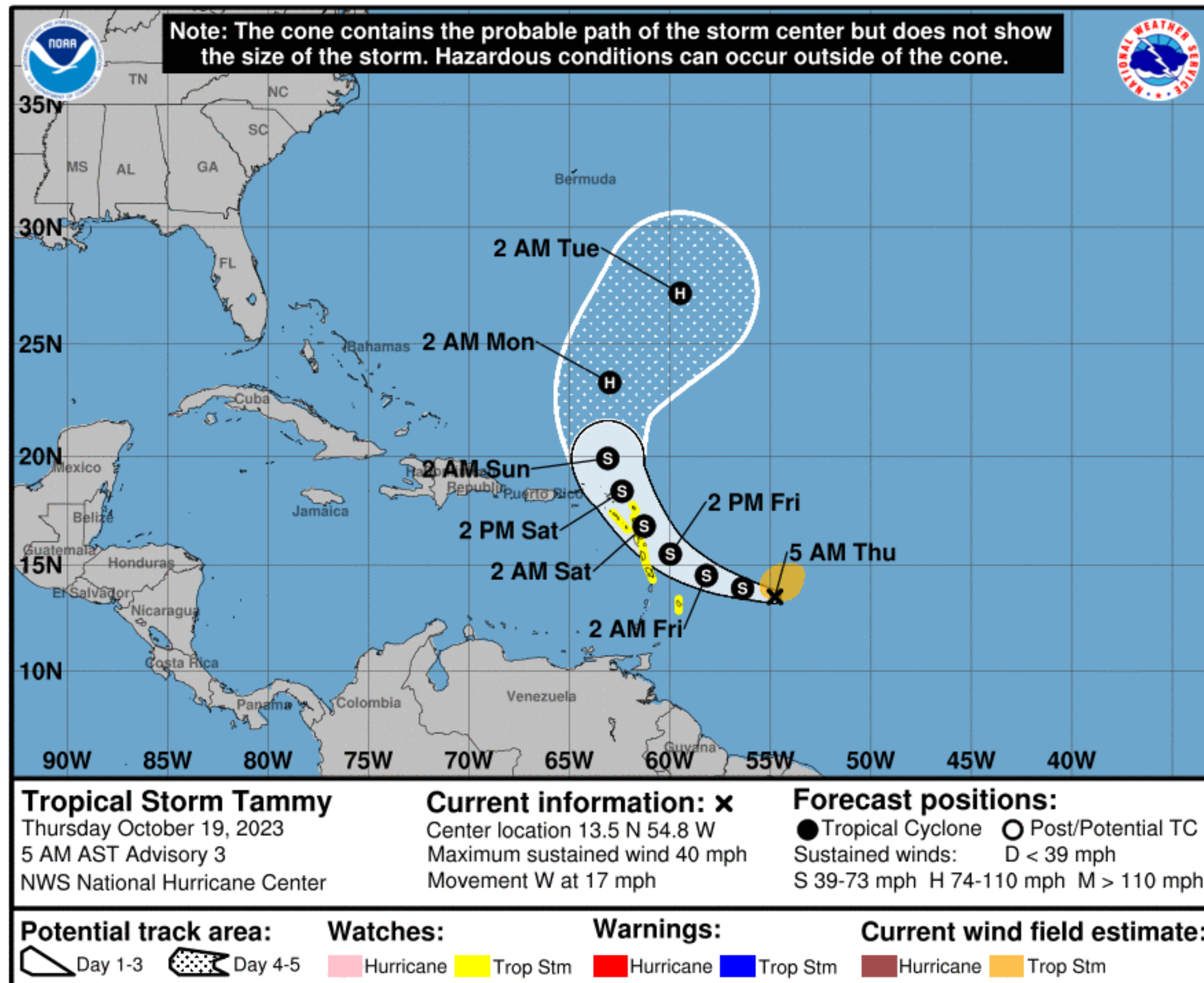


# Forecast Information

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



- **Tammy is expected to gradually turn toward the NW at about the same rate of speed in the next couple of days**
- **The system is anticipated to steadily intensify and reach hurricane force, but not until north of the Caribbean islands**
- **Tropical storm conditions are possible across portions of the Lesser Antilles beginning on Friday**

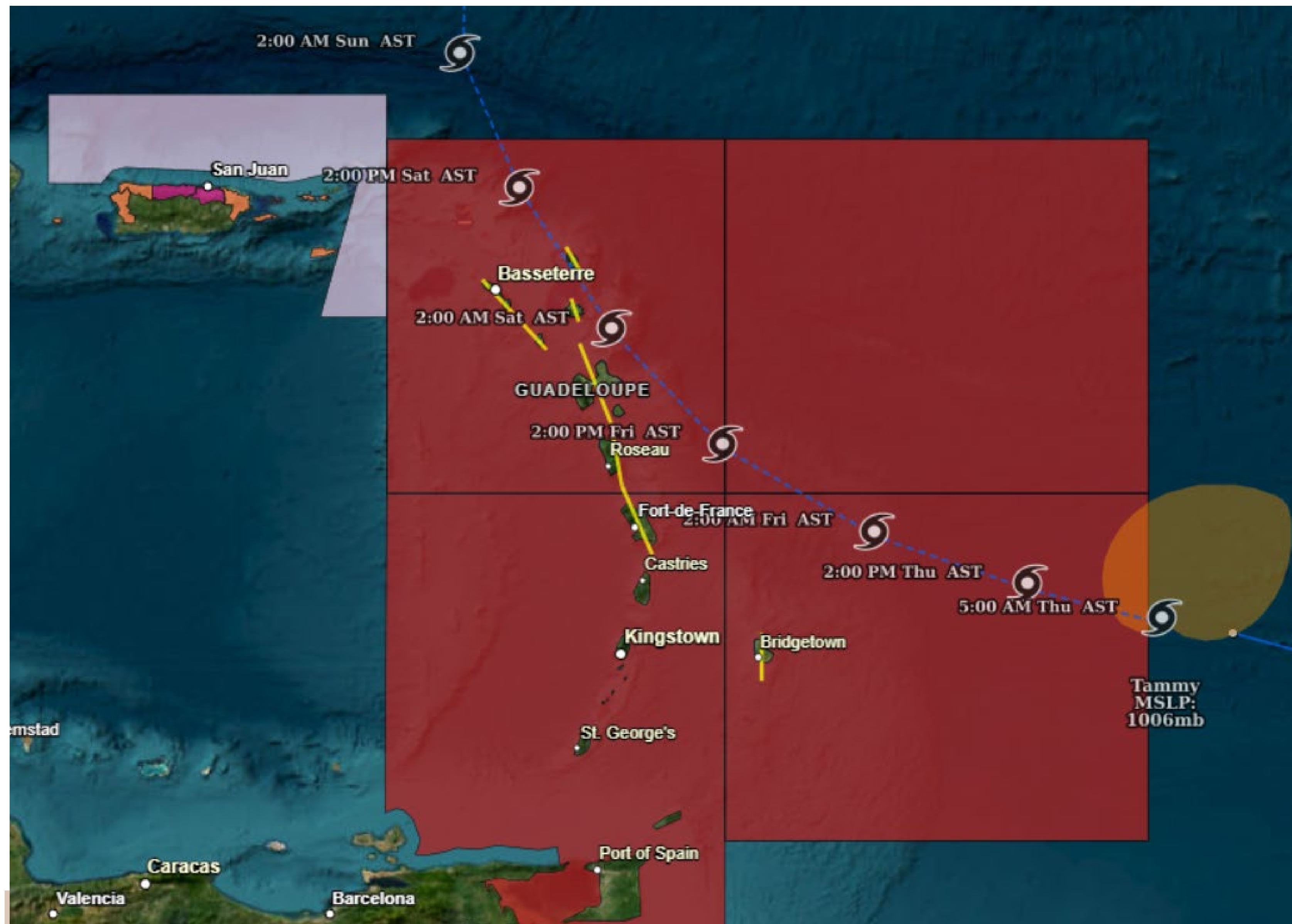
**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

# Hazards Map

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



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

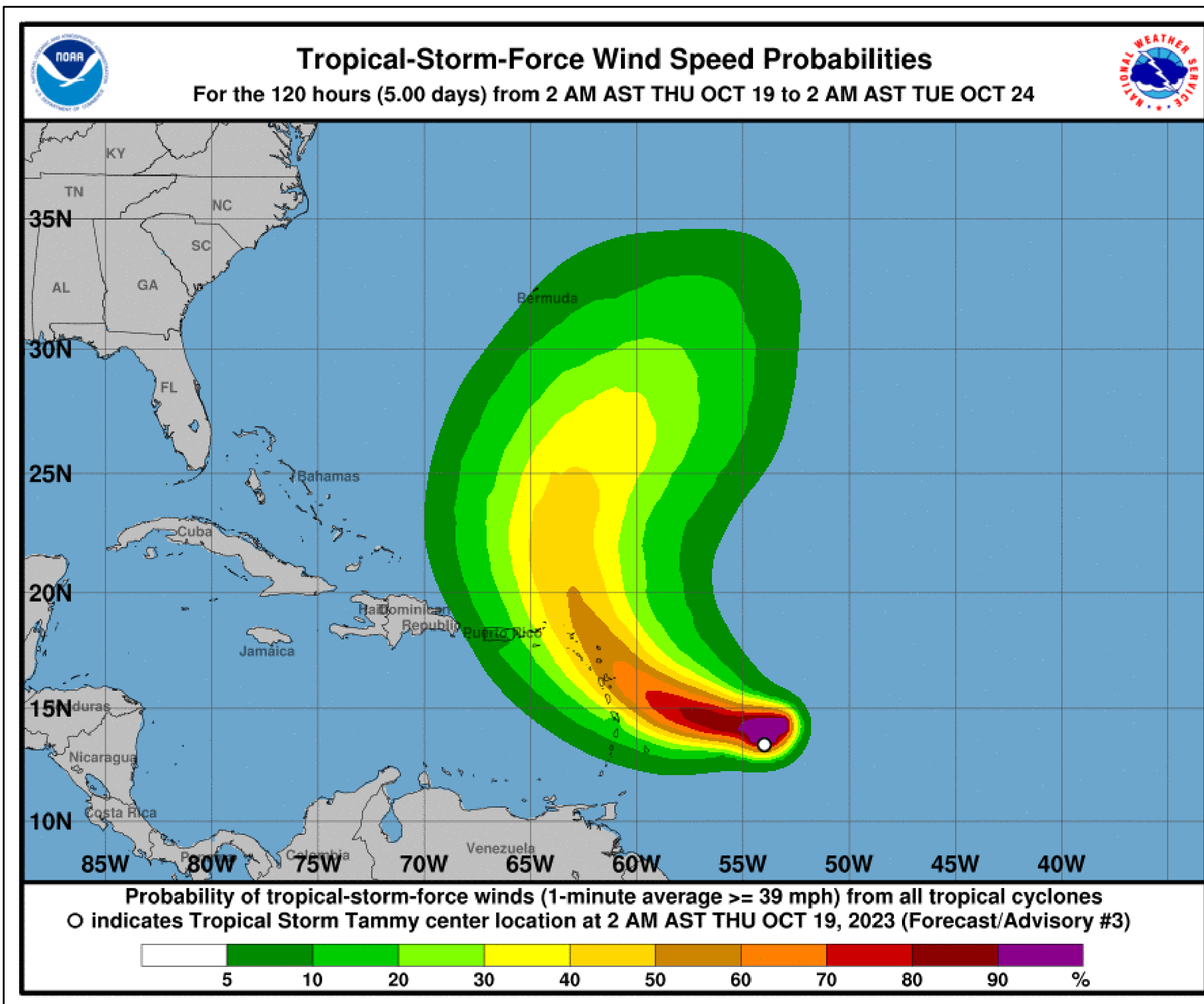


# T.S. Wind Speed Probabilities

## Tropical Storm Tammy



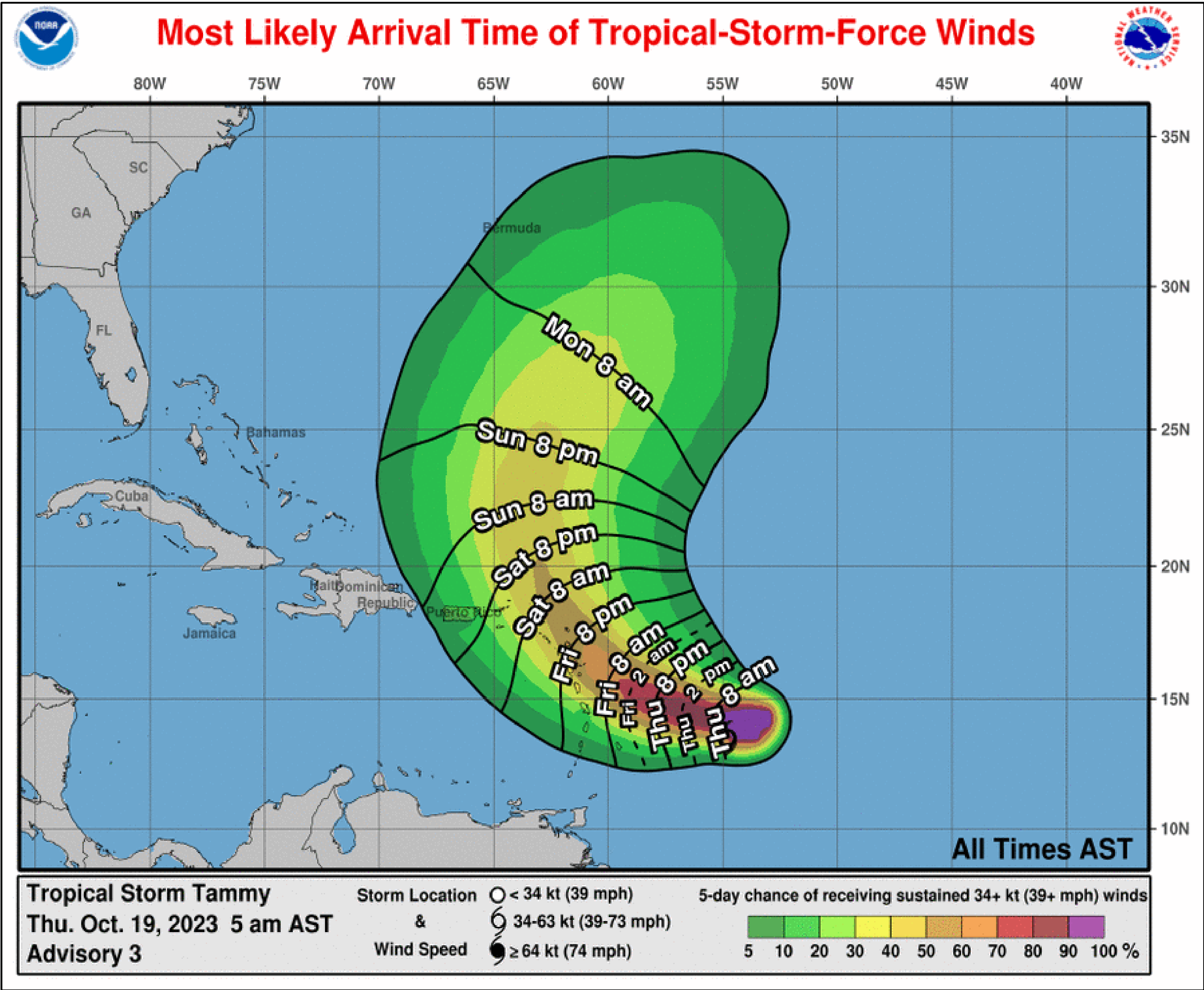
Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



- **VIEQUES PR 15%**
- **SAINT THOMAS 20%**
- **SAINT JOHN 25%**
- **SAINT CROIX 20%**



Tropical Storm Tammy



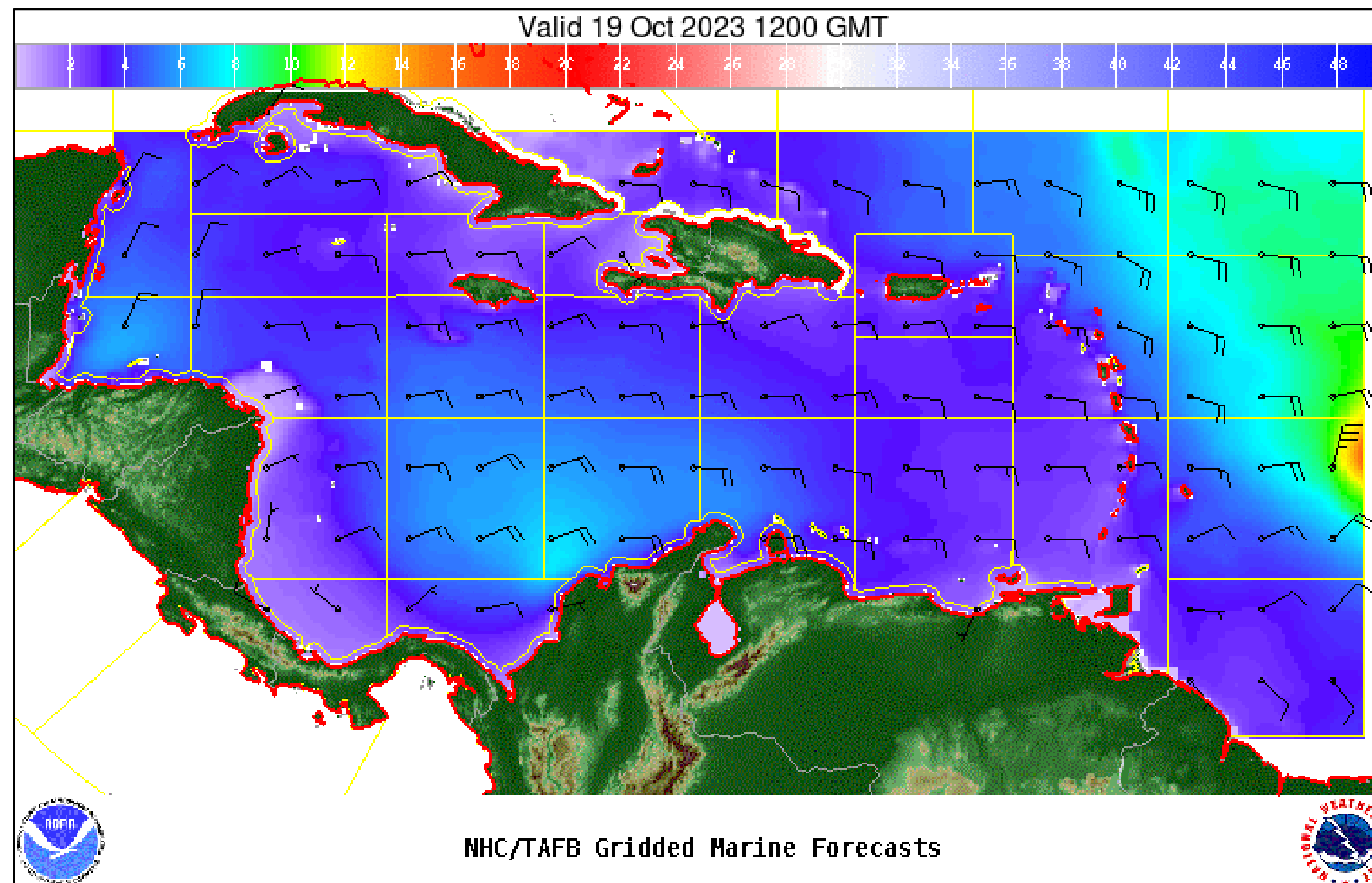
- **IF tropical storm force winds occur for USVI/Vieques:**
  - **Saturday Afternoon**

# Wind And Waves

## Tropical Storm Tammy



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### Current Conditions

8am EDT, Thursday, October 19th

Peak Winds: 35 kt

Peak Seas: 18 ft

- Wave heights are in feet



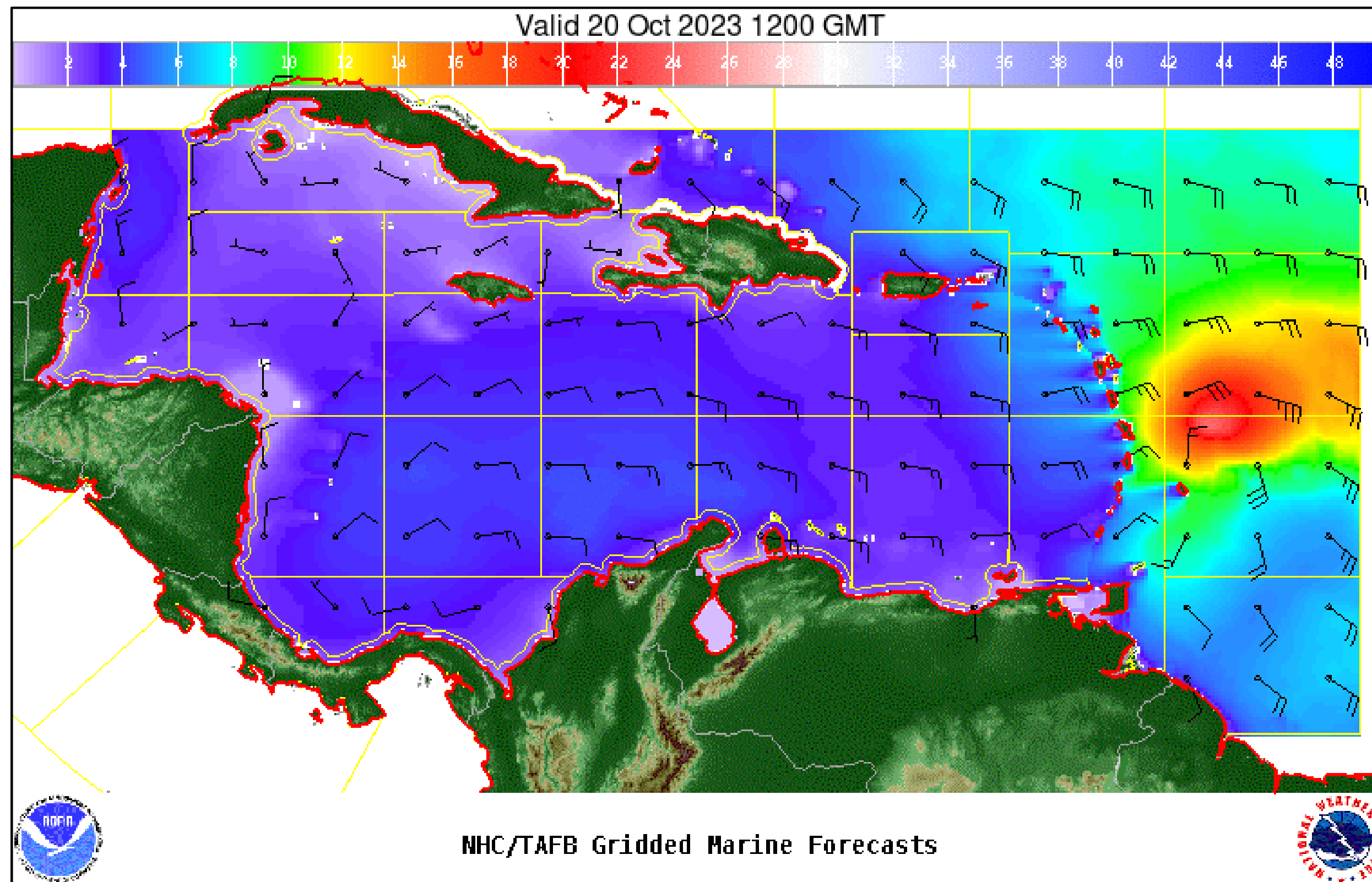
Significant Wave Height (ft)

# Wind And Waves

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



## 24 Hour Forecast

8am EDT, Friday, October 20th

Peak Winds: 50 kt

Peak Seas: 25 ft

- Wave heights are in feet



Significant Wave Height (ft)

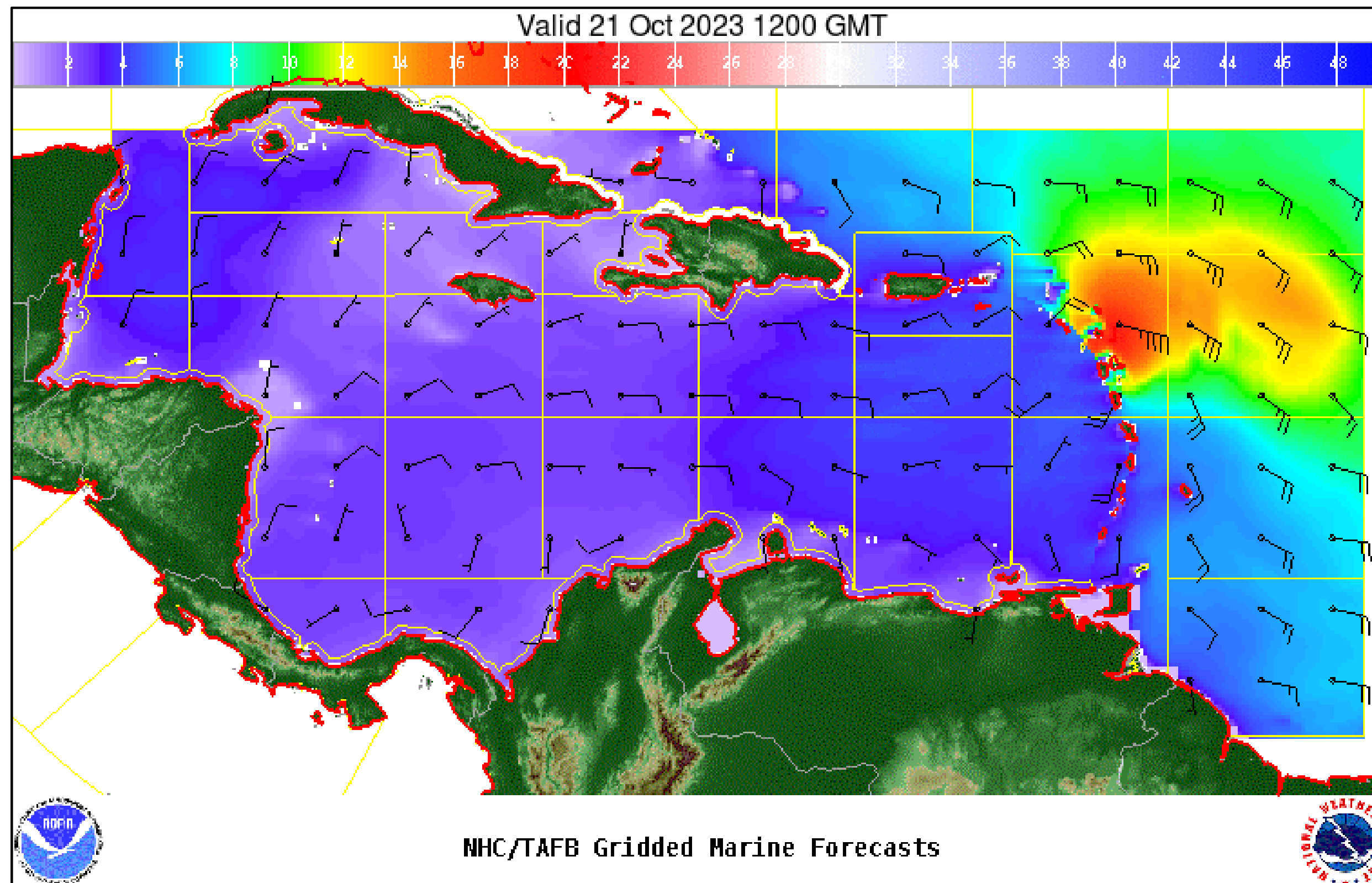


# Wind And Waves

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



### 48 Hour Forecast

8am EDT, Saturday, October 21st

Peak Winds: 55 kt

Peak Seas: 25 ft

- Wave heights are in feet



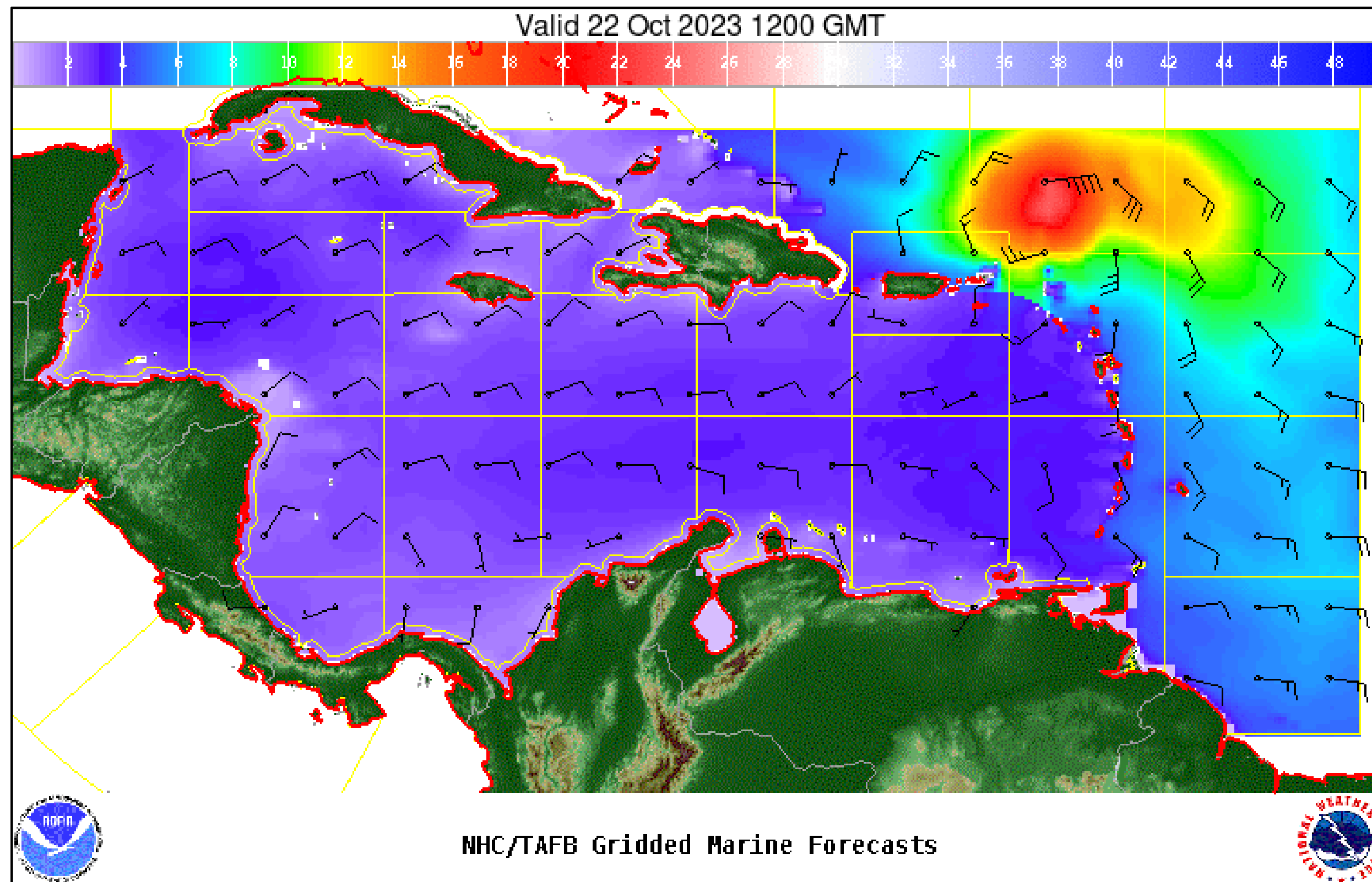
Significant Wave Height (ft)

# Wind And Waves

## Tropical Storm Tammy



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



## 72 Hour Forecast

8am EDT, Sunday, October 22<sup>nd</sup>

Peak Winds: 60 kt

Peak Seas: 30 ft

- Wave heights are in feet



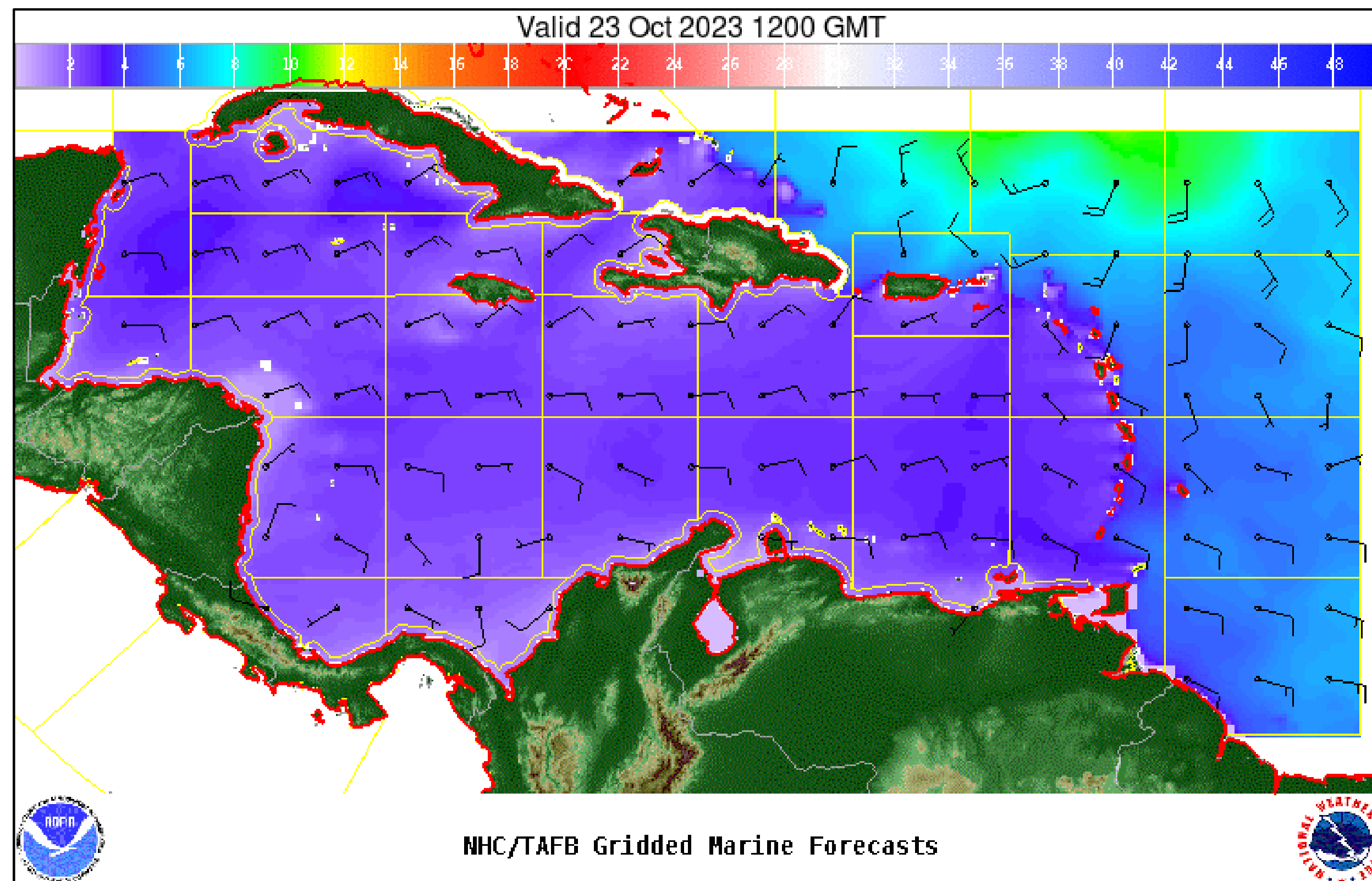
Significant Wave Height (ft)

# Wind And Waves

## Tropical Storm Tammy



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### 96 Hour Forecast

8am EDT, Monday, October 23rd

Peak Winds: 70 kt

Peak Seas: 30 ft

- Wave heights are in feet

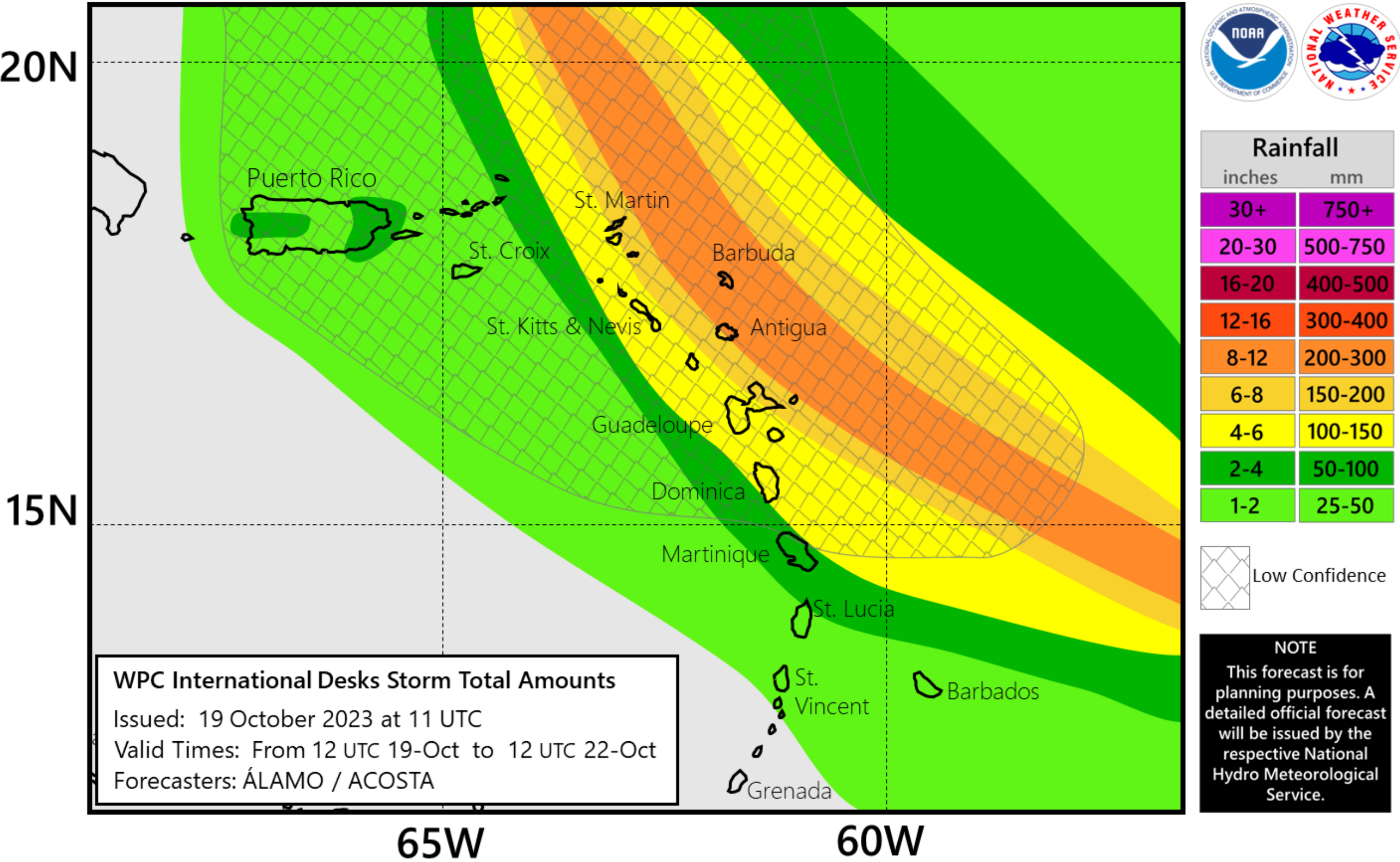


Significant Wave Height (ft)





## Tropical Storm Tammy Total Rainfall



▪ Rainfall total through Sunday morning

# Key Messages

## Tropical Storm Tammy



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NWS National Hurricane Center



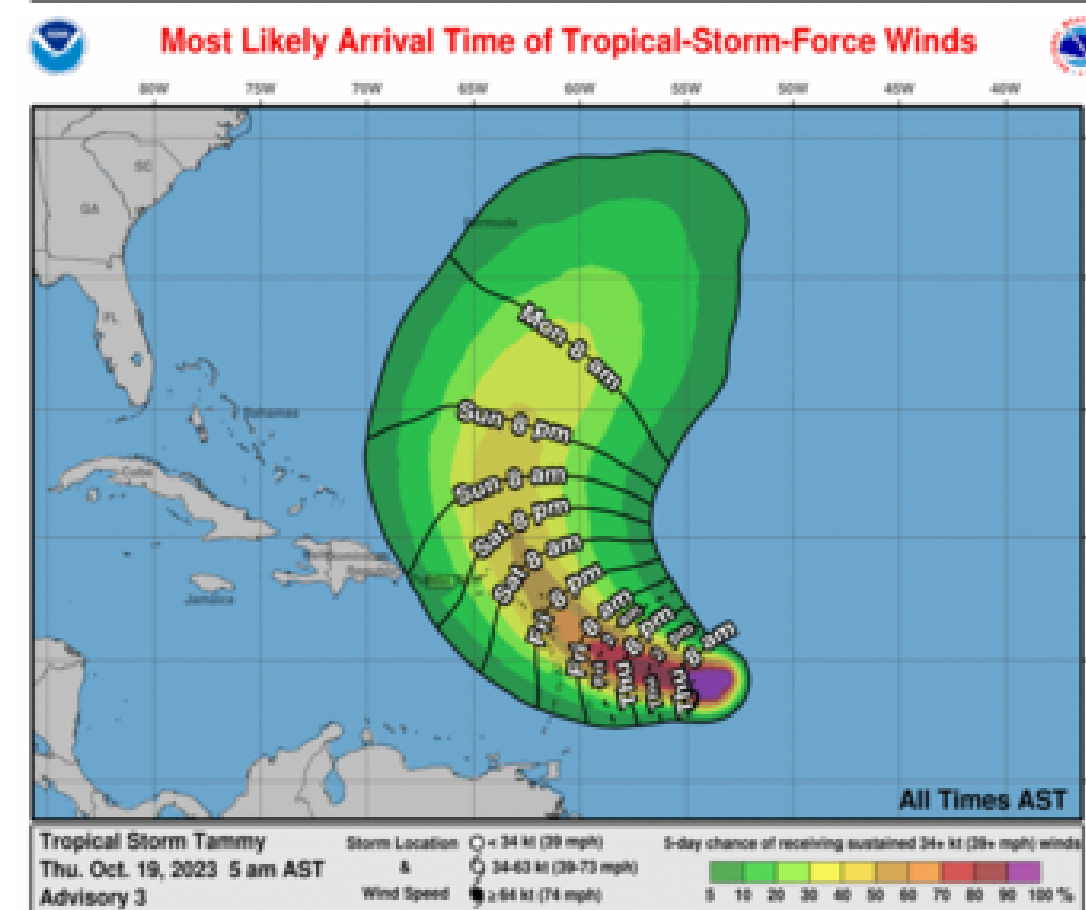
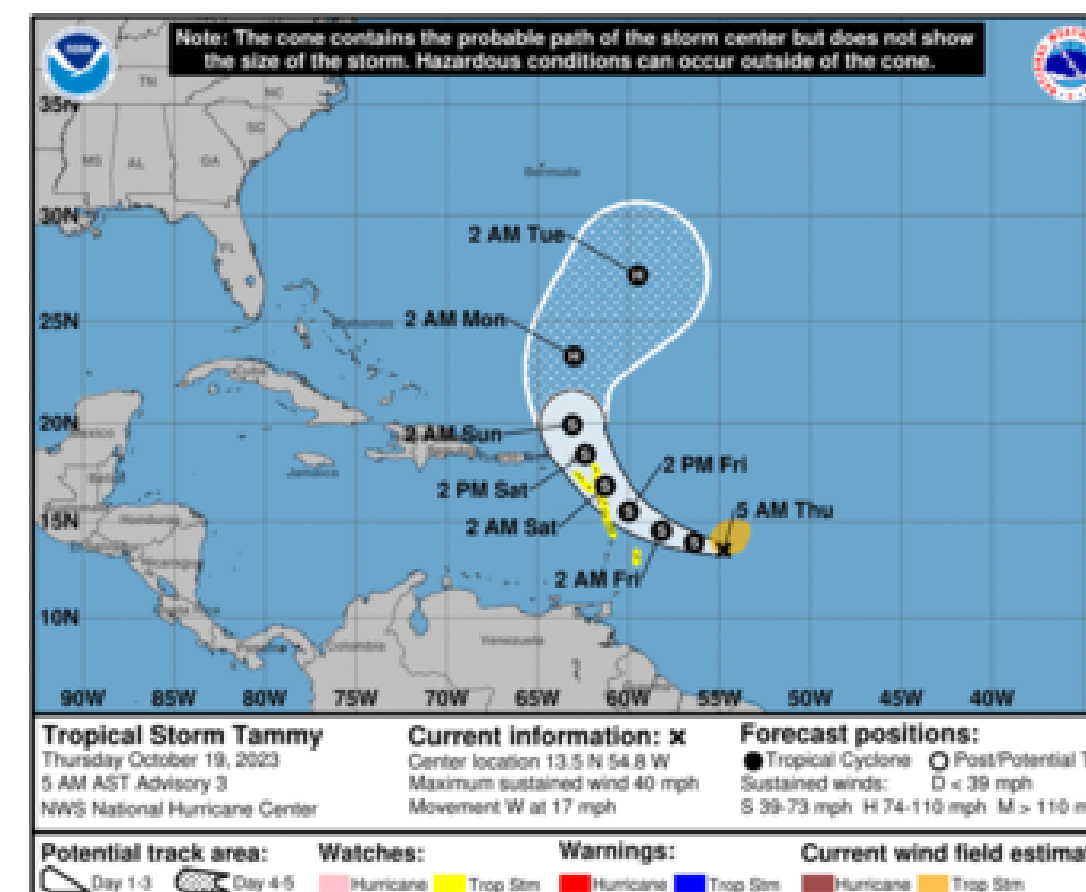
### Key Messages for Tropical Storm Tammy

Advisory 3: 5:00 AM AST Thu Oct 19, 2023



1. Tropical storm conditions are possible across portions of the Lesser Antilles beginning on Friday, where tropical storm watches are currently in effect. Additional watches and warnings will likely be required later today.

2. Heavy rains from Tammy will begin to affect the northern Windward and Leeward Islands on Friday, spreading into the British and U.S. Virgin Islands and Puerto Rico over the weekend. 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)

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

**Winds – Medium**

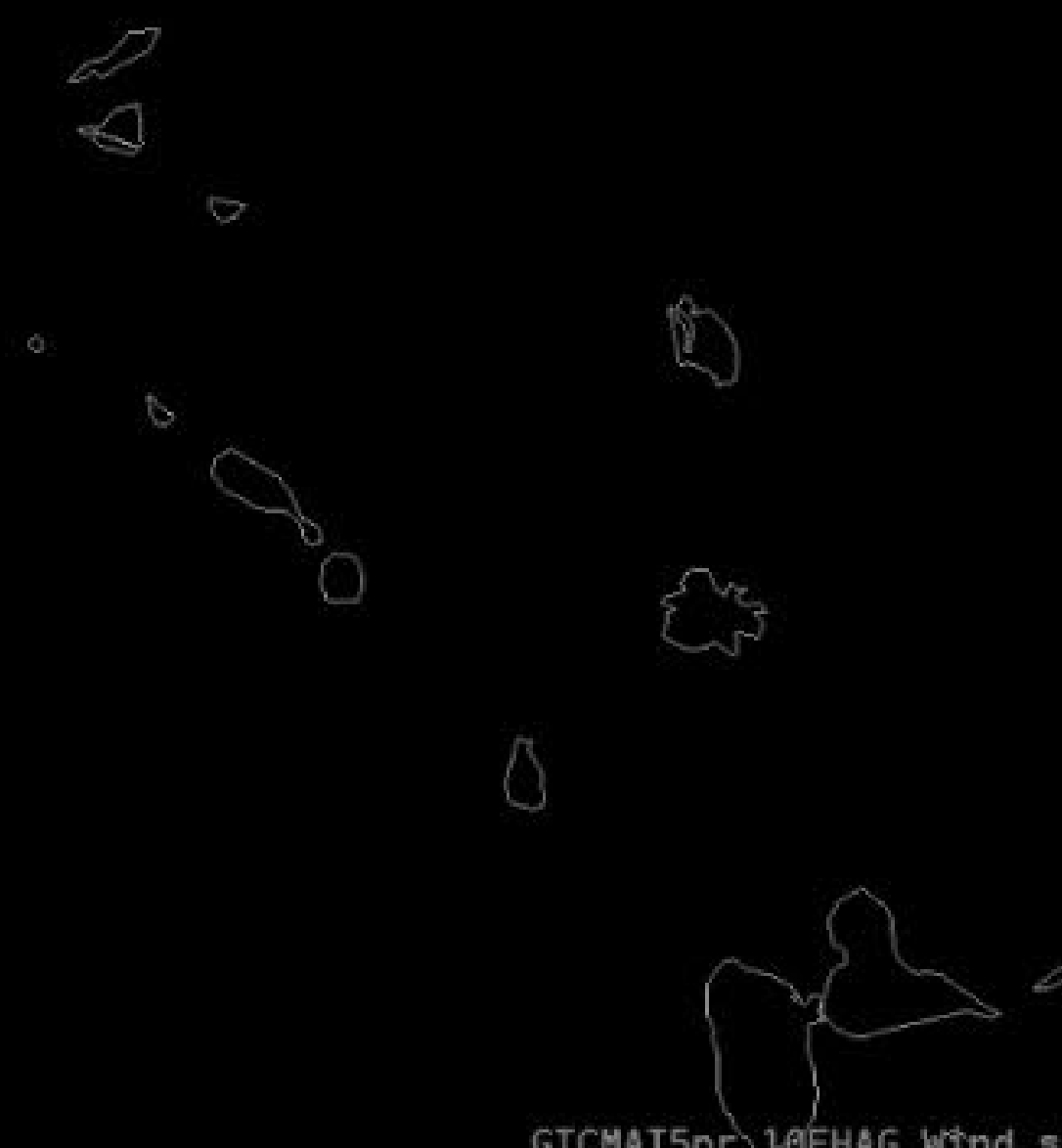
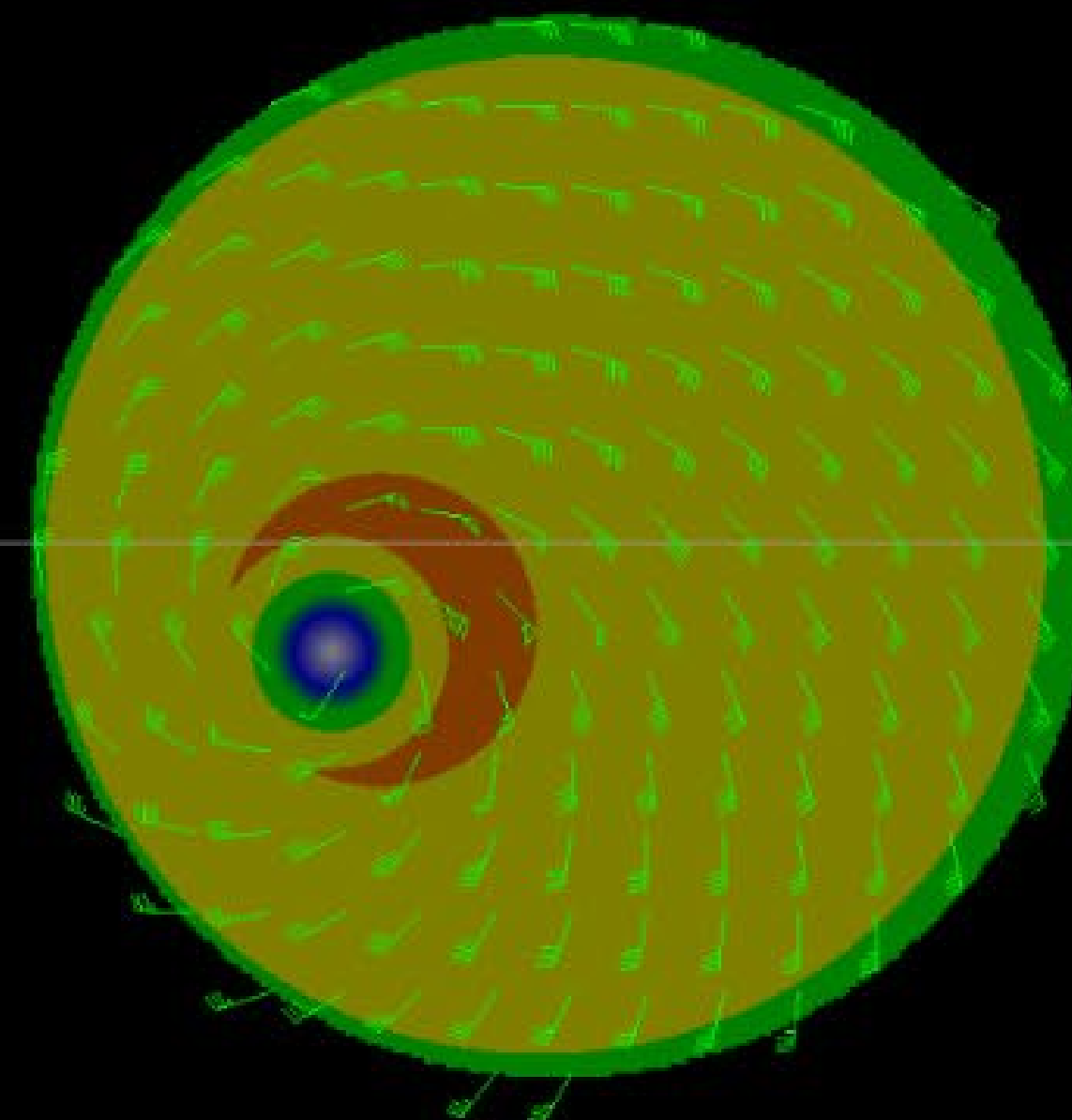
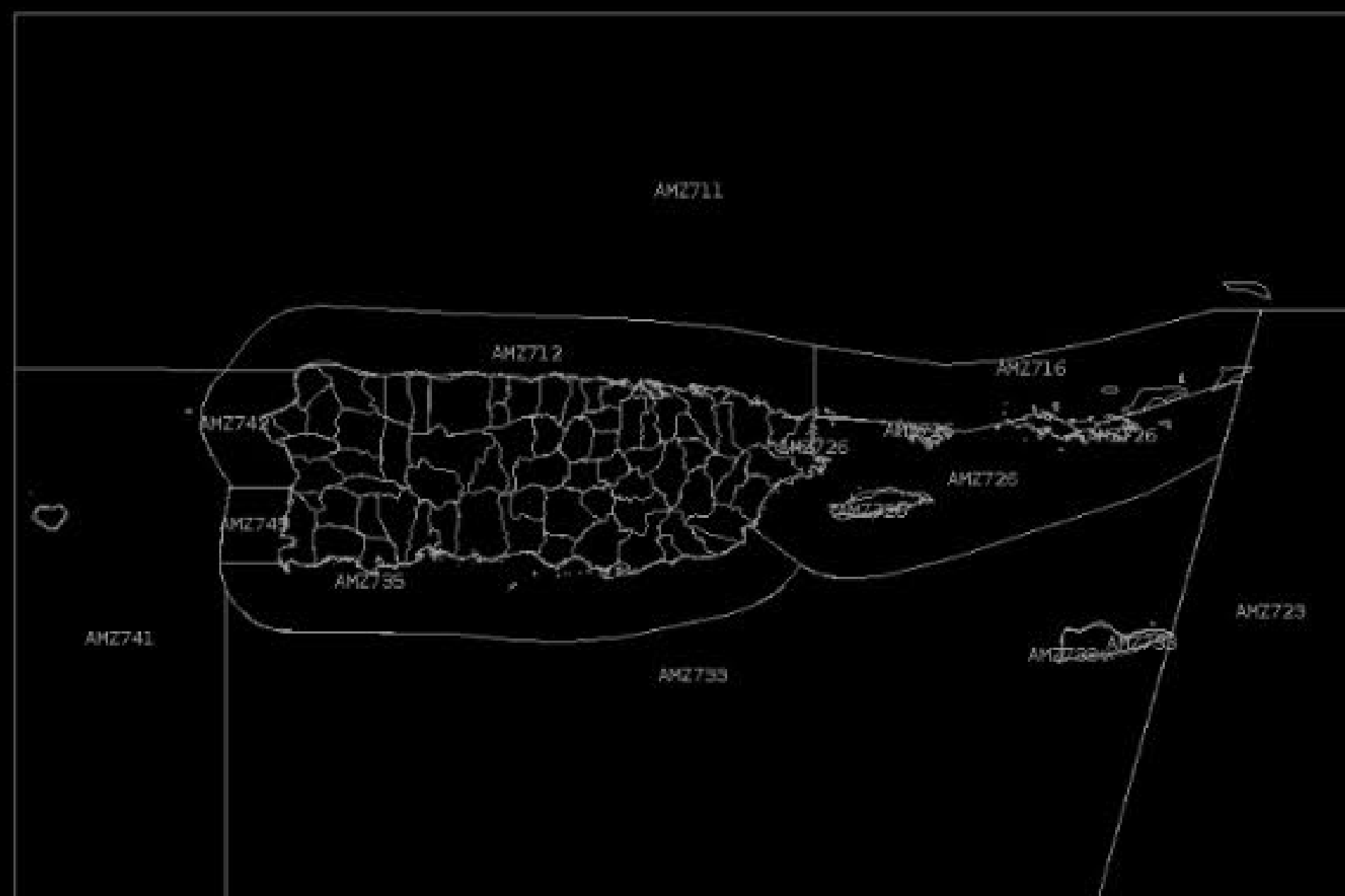
**Storm Surge – Low**

**Rainfall/Flash Flooding – Medium**

**Tornadoes – Low**

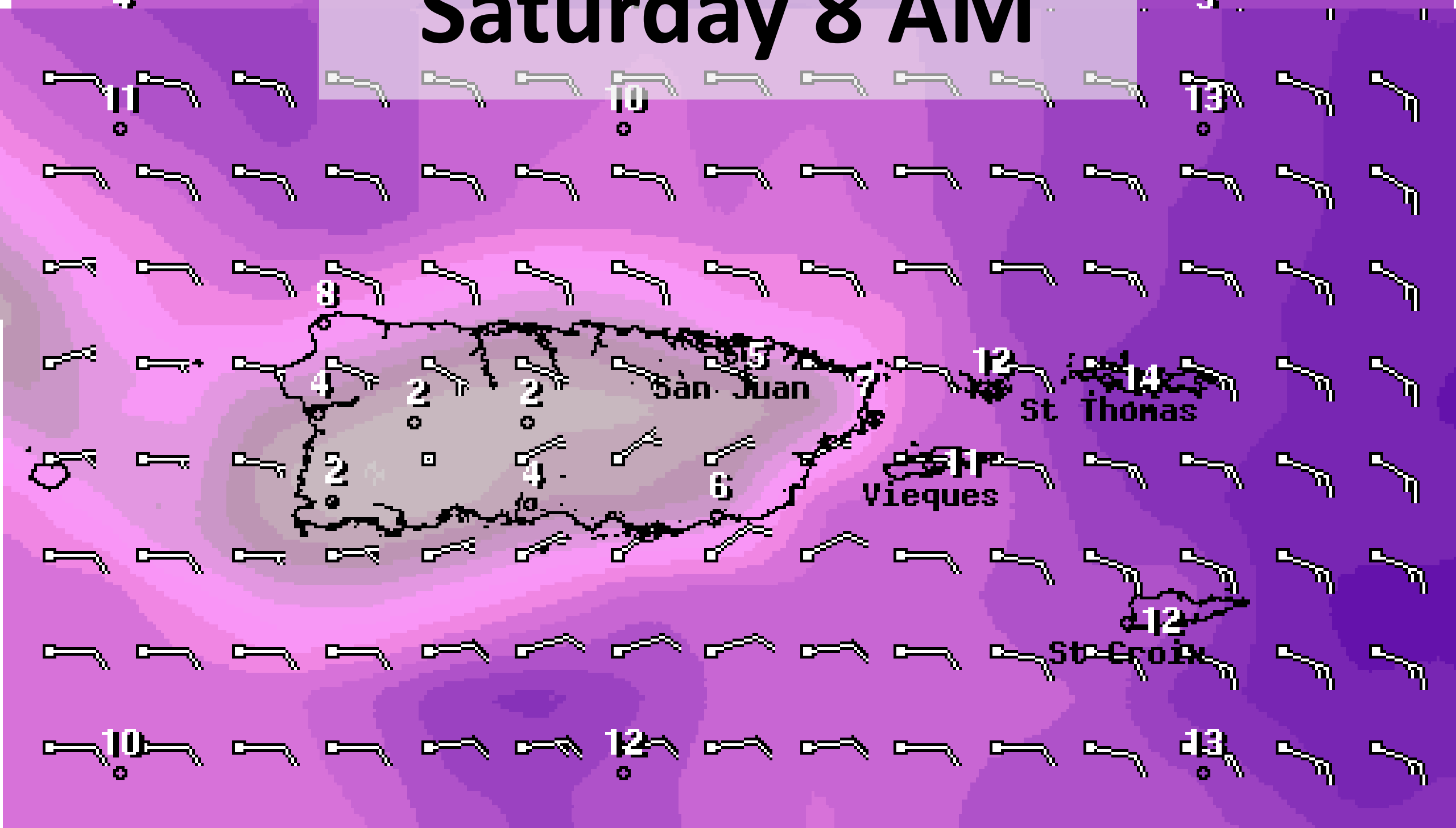
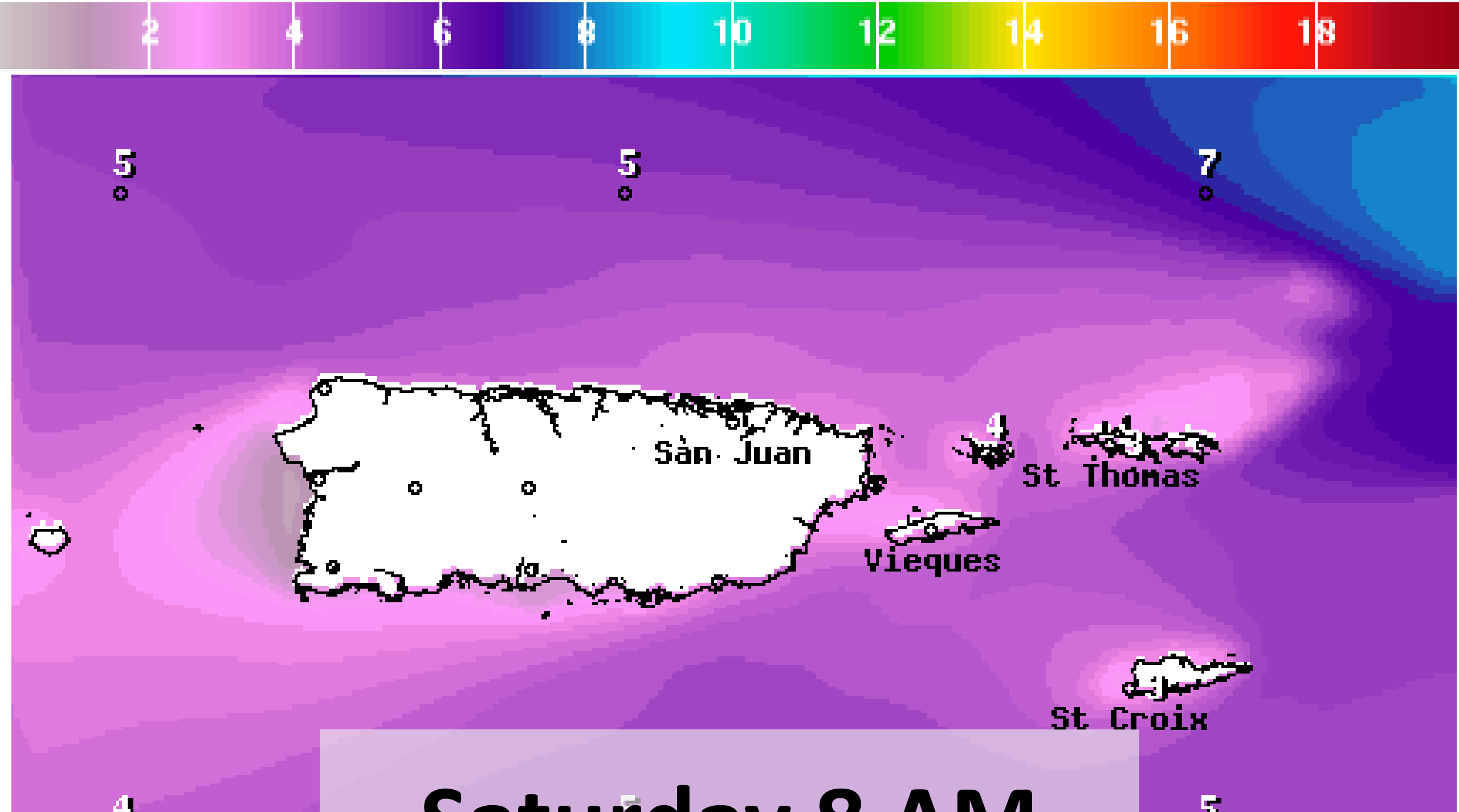
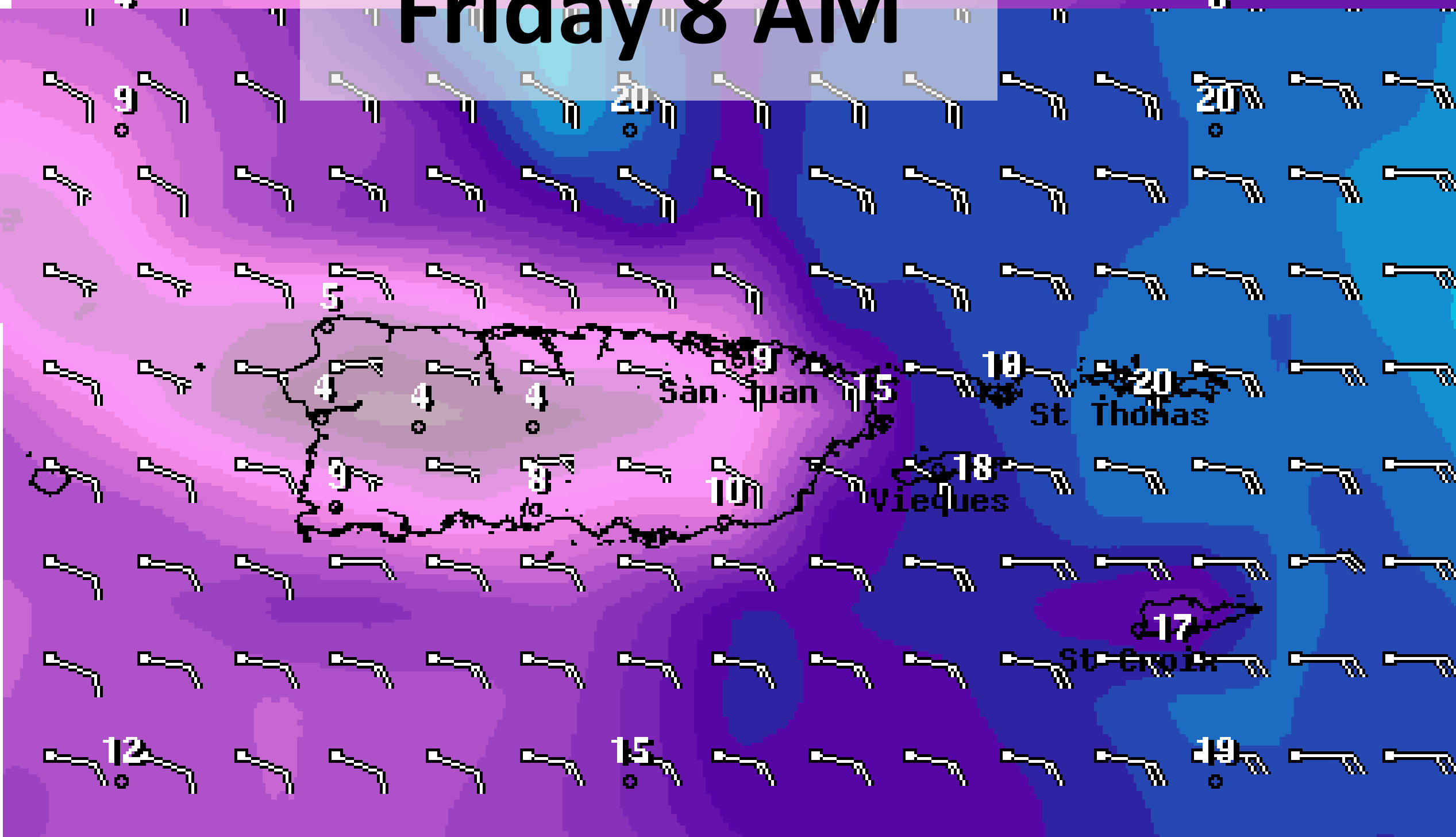
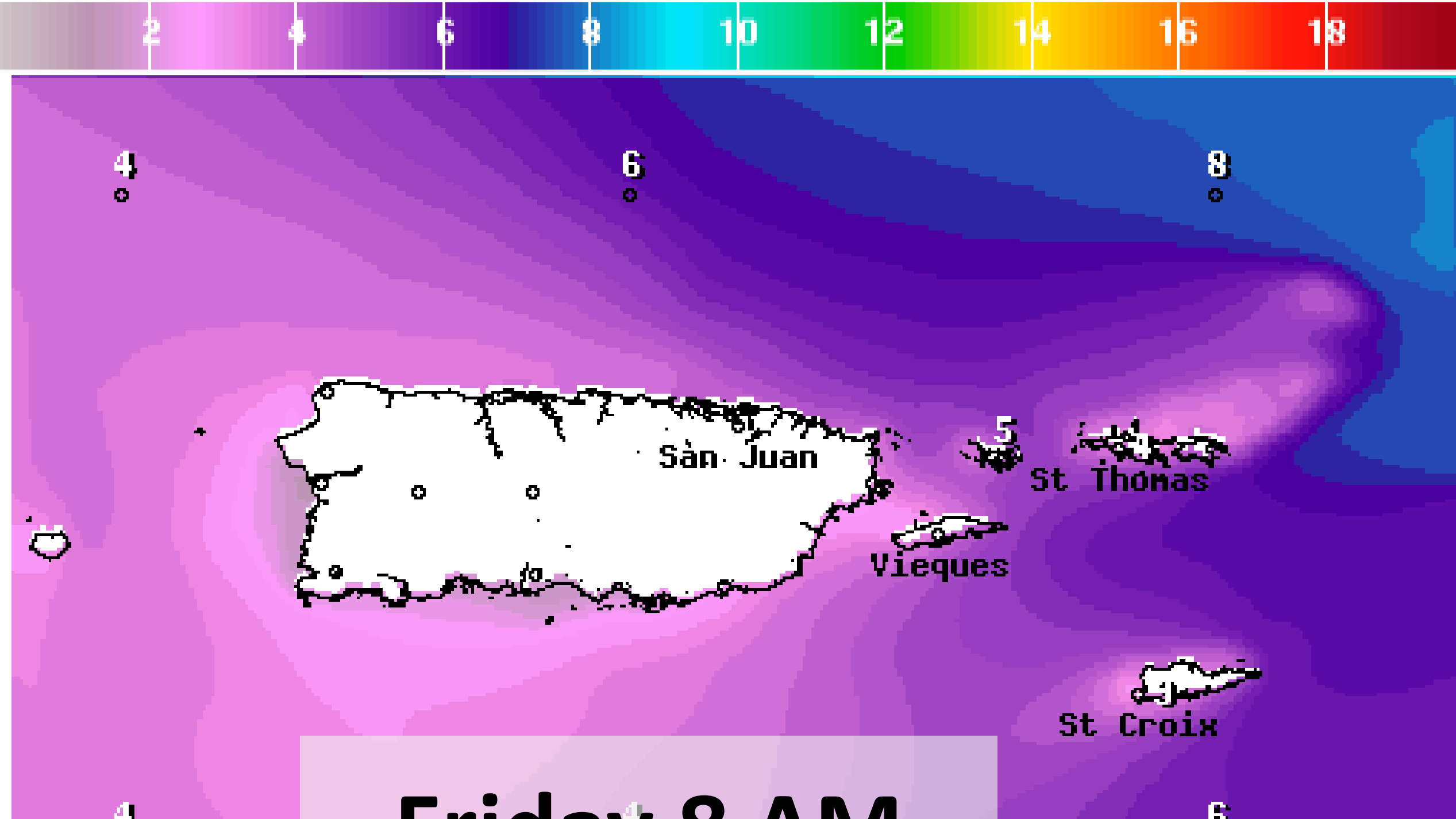
**Waves - High**

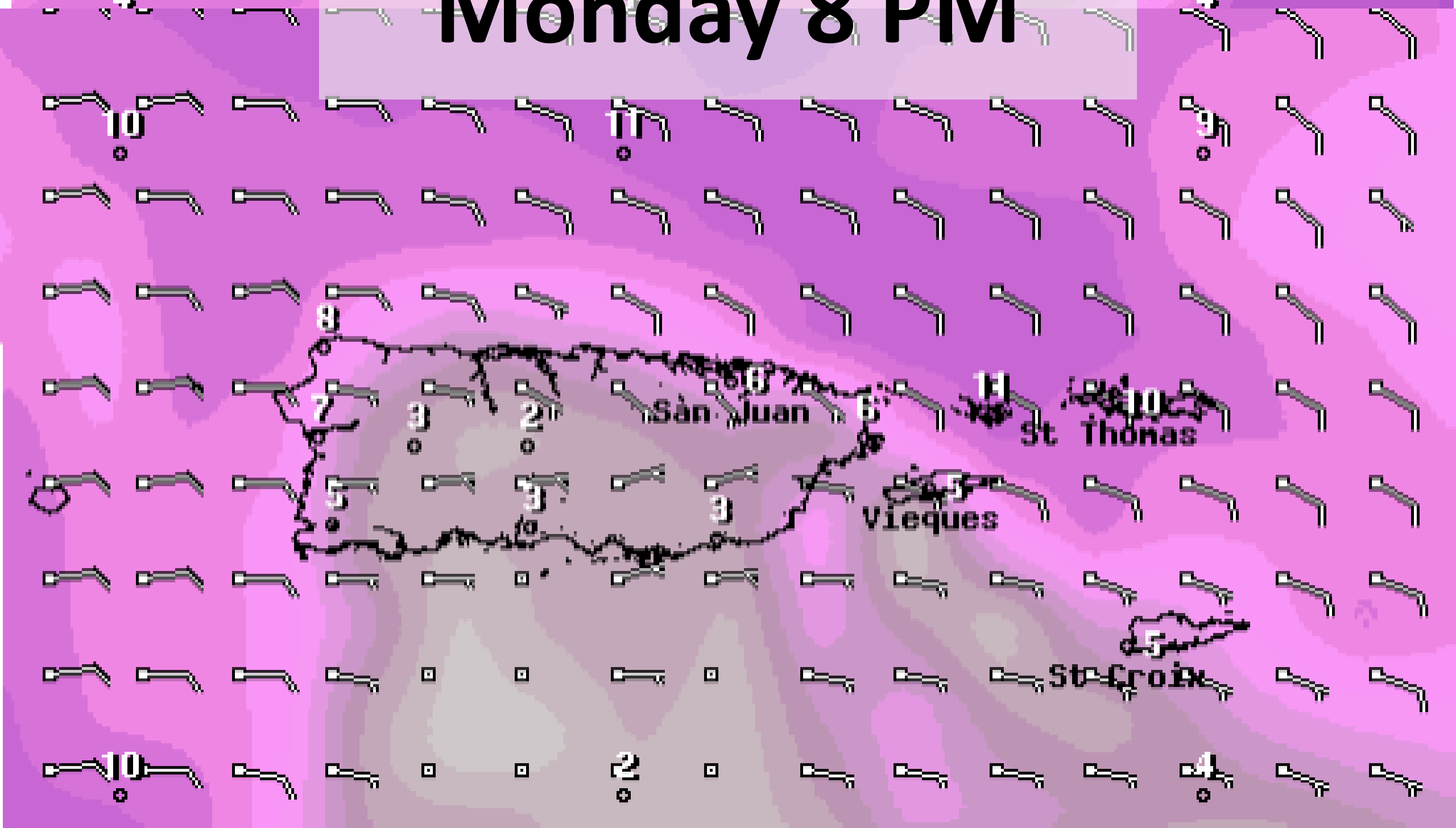
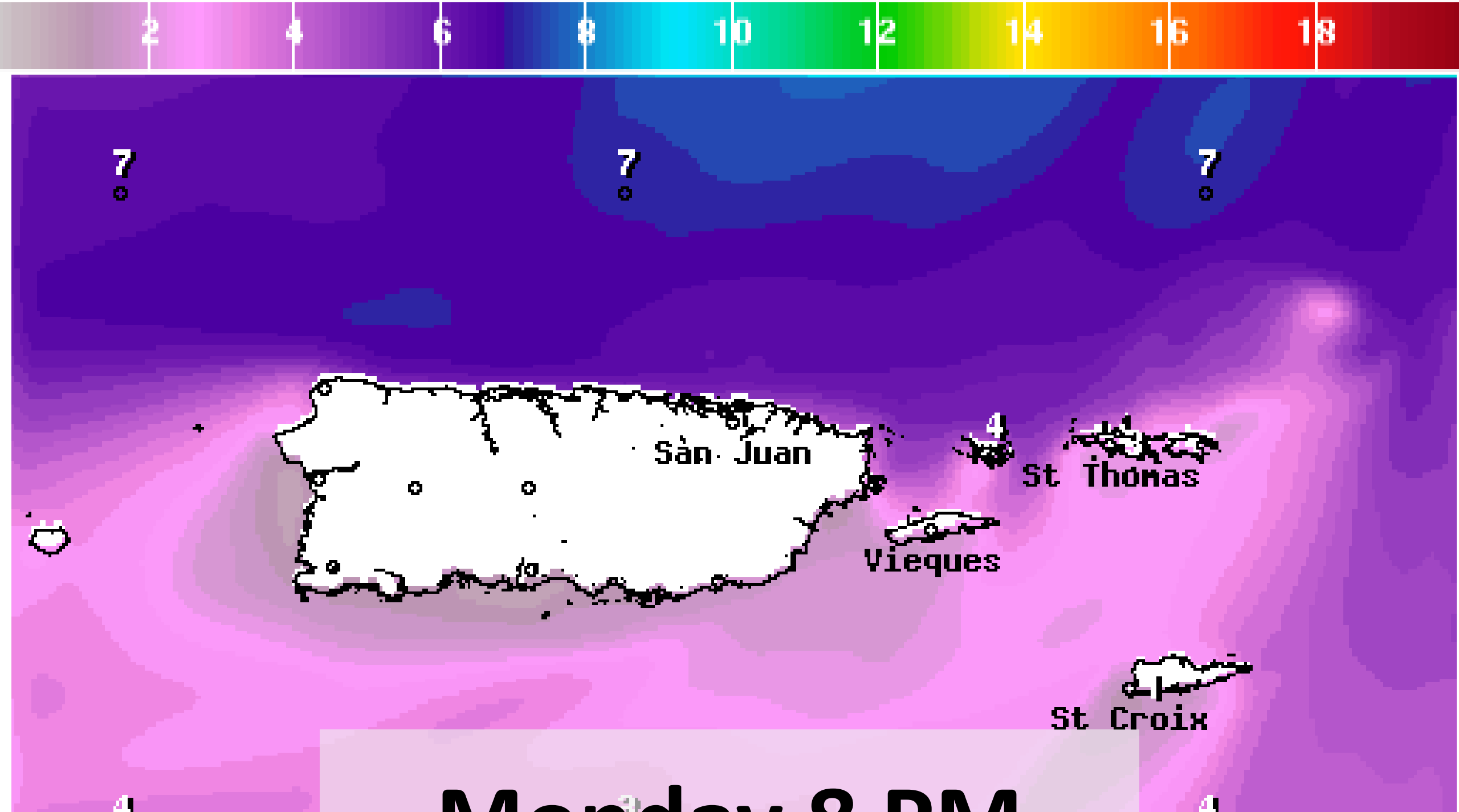
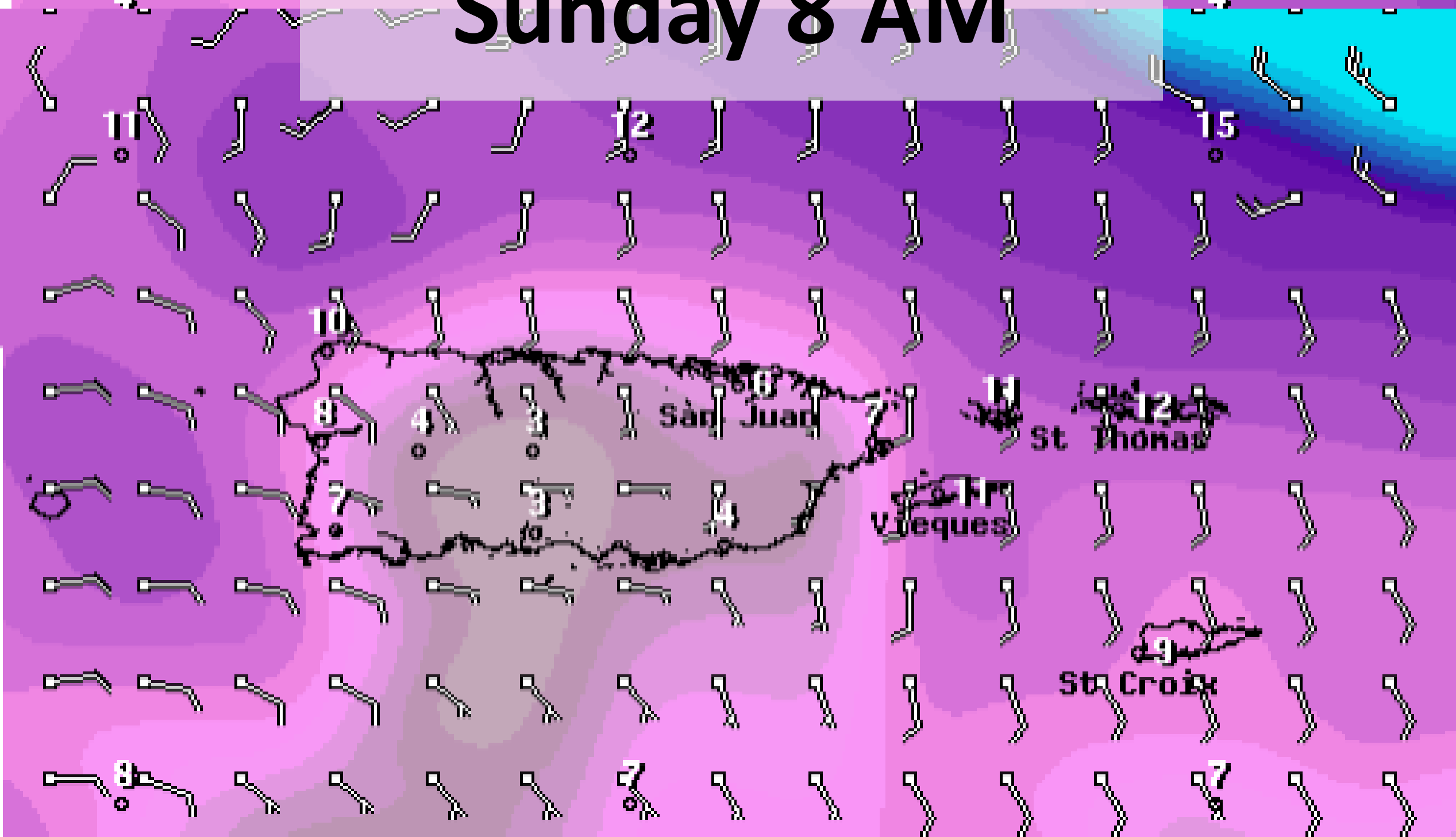
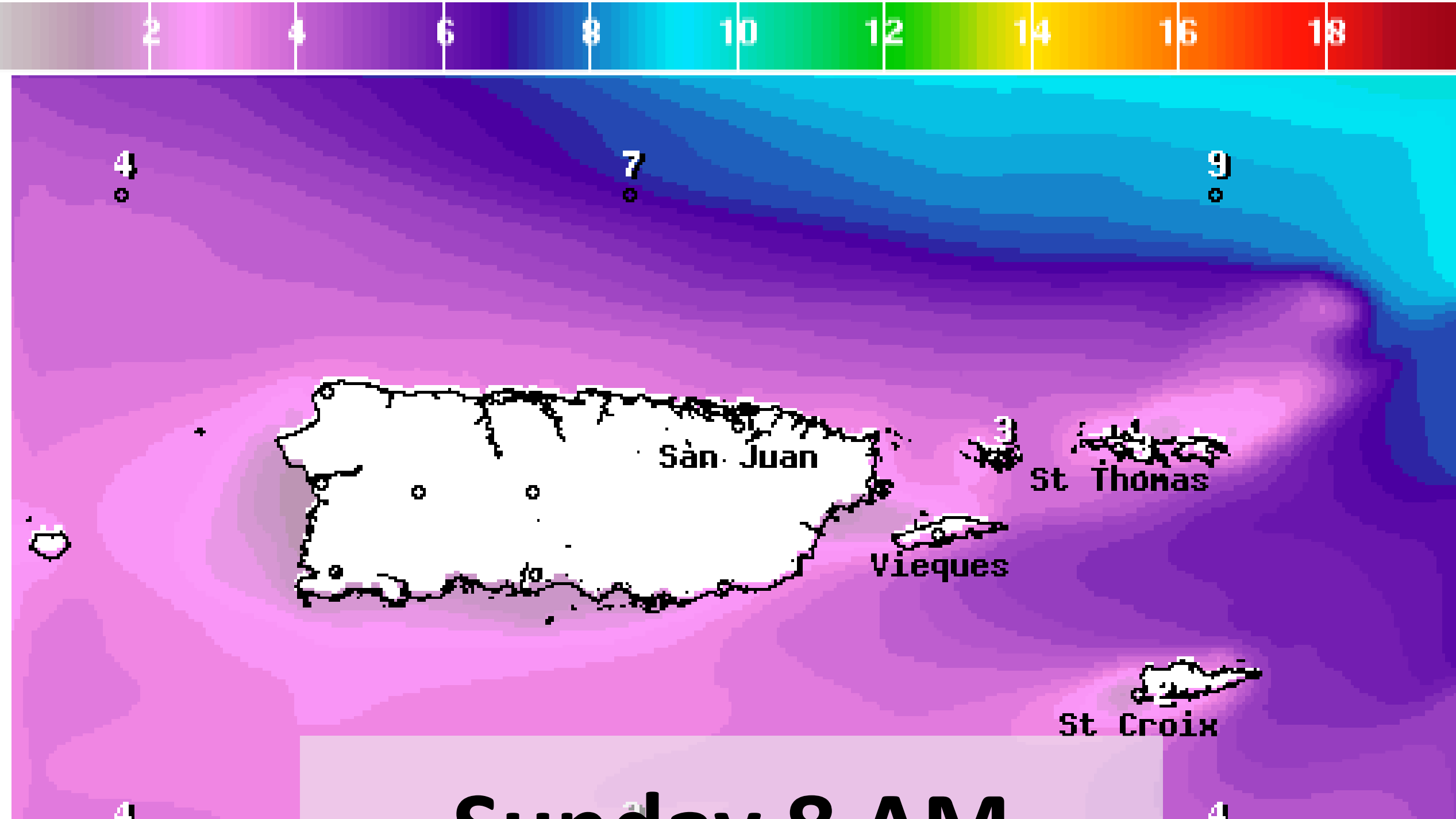




GTCMAT5pr 10FHAG Wind speed (kts)	19.06	71HR Sun
* GTCMAT5pr 10FHAG Wind (kts)	19.06	71HR Sun
GTCMAT5pr 10FHAG Wind speed Img (kts)	19.06	71HR Sun













# TROPICAL STORM TAMMY BRIEFING

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

*The Next Briefing Will Be:  
Friday 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)*



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