

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

**Winds – Medium**

**Storm Surge – Low**

**Rainfall/Flash Flooding – Medium**

**Tornadoes – Low**

**Waves - High**

# INVEST 94L BRIEFING

8:15 AM EDT

Wednesday, October 18, 2023

Prepared by:

**Scott Stripling (TAFB/NHC)**

**Ernesto Rodriguez (WFO San Juan)**

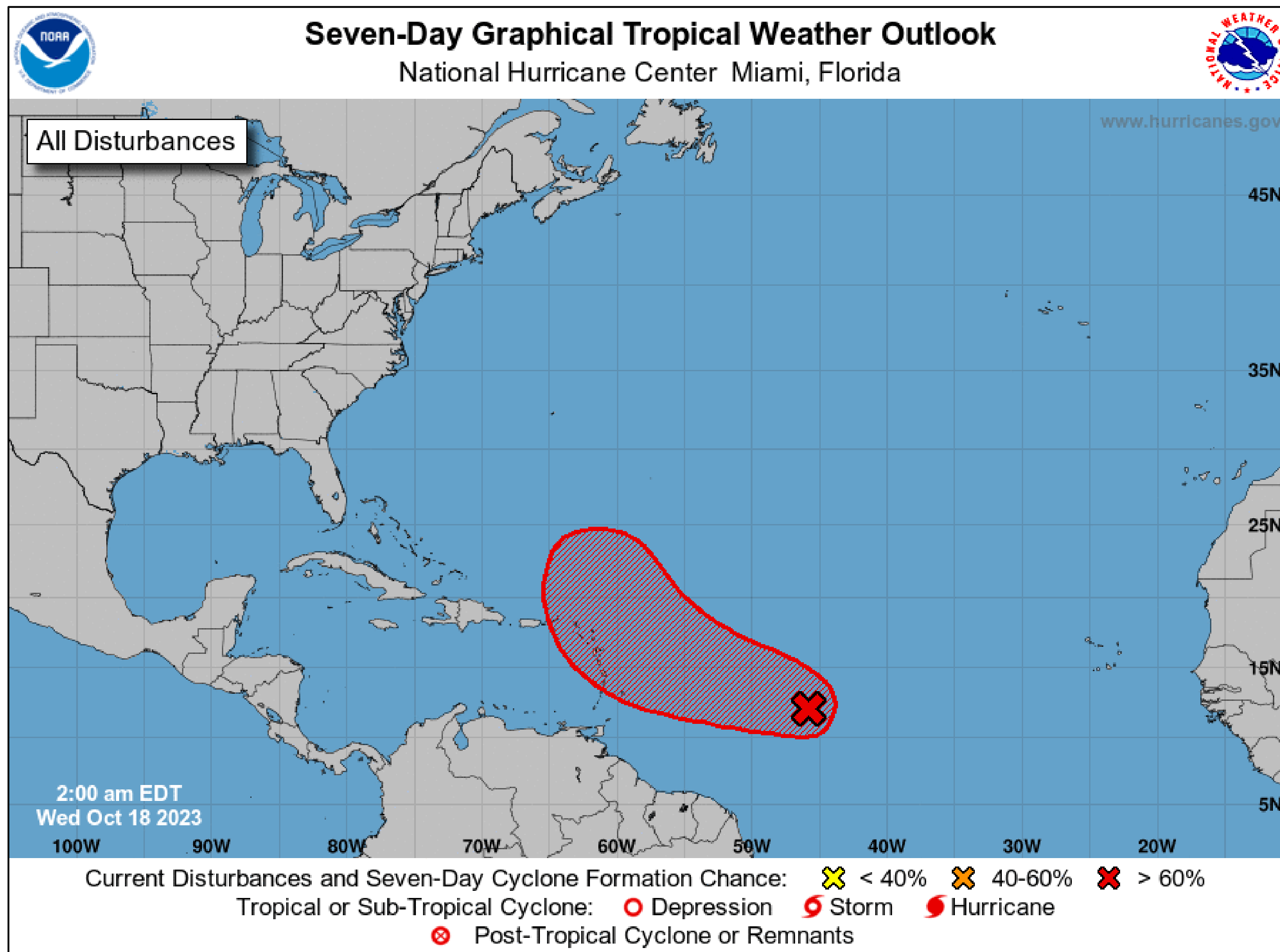


# Tropical Weather Outlook

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



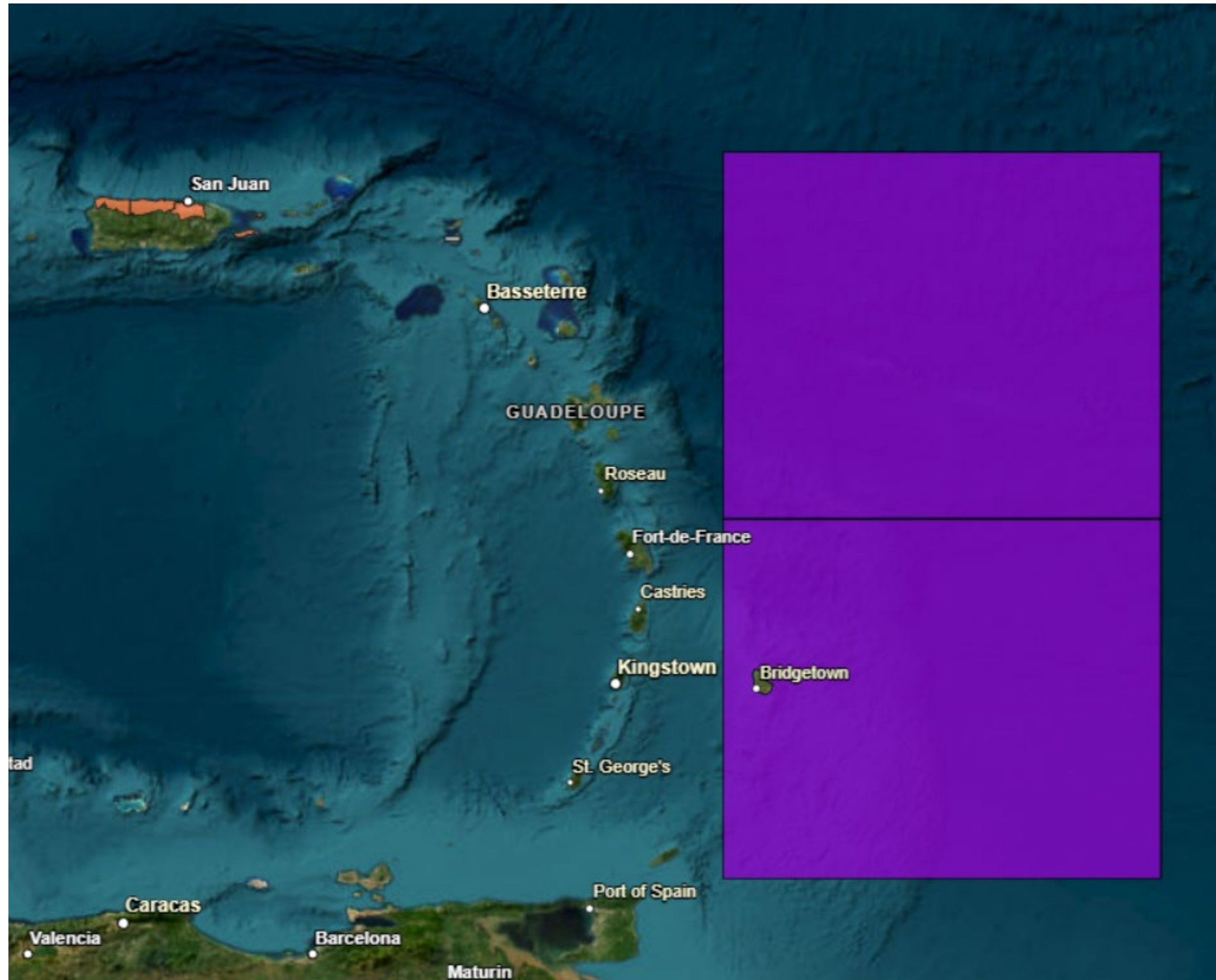
- **AL94** continues to show signs of improving organization this morning. Environmental conditions are expected to remain conducive for gradual tropical development, and a tropical storm is likely to form in the next day or so as it moves west to west-northwestward.
- A **storm warning** is now in effect, and **gales** are forecast to begin this morning.
- **Reminder:** *The hatched area represents a possible development area, not the system's path after development occurs.*

# Hazards Map

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



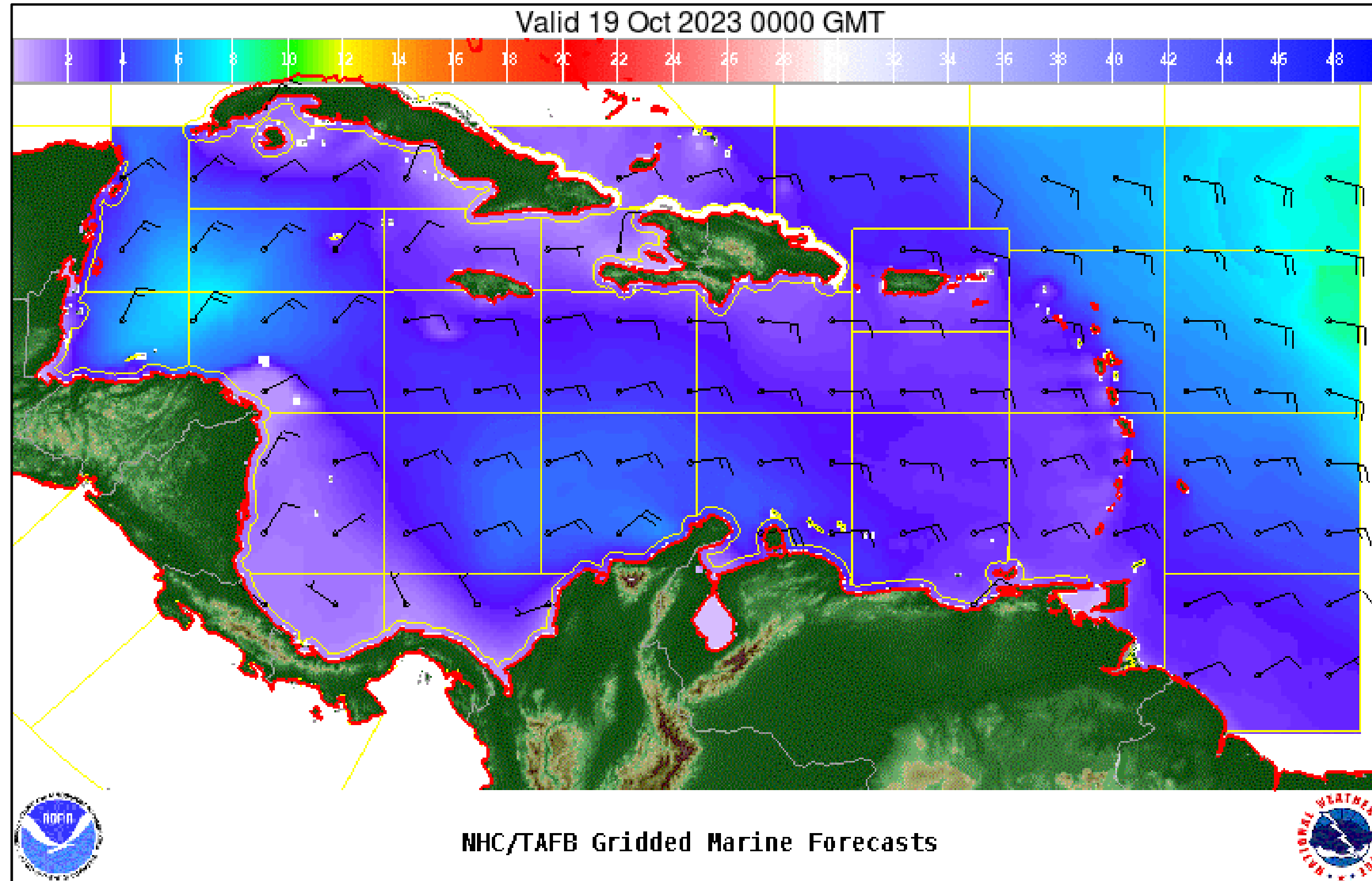
■ <https://nowcoast.noaa.gov/>

# Wind And Waves

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



## 12 Hour Forecast

Wednesday 8pm EDT, October 18th

Peak Winds: 40 kt

Peak Seas: 16 ft

- Wave heights are in feet



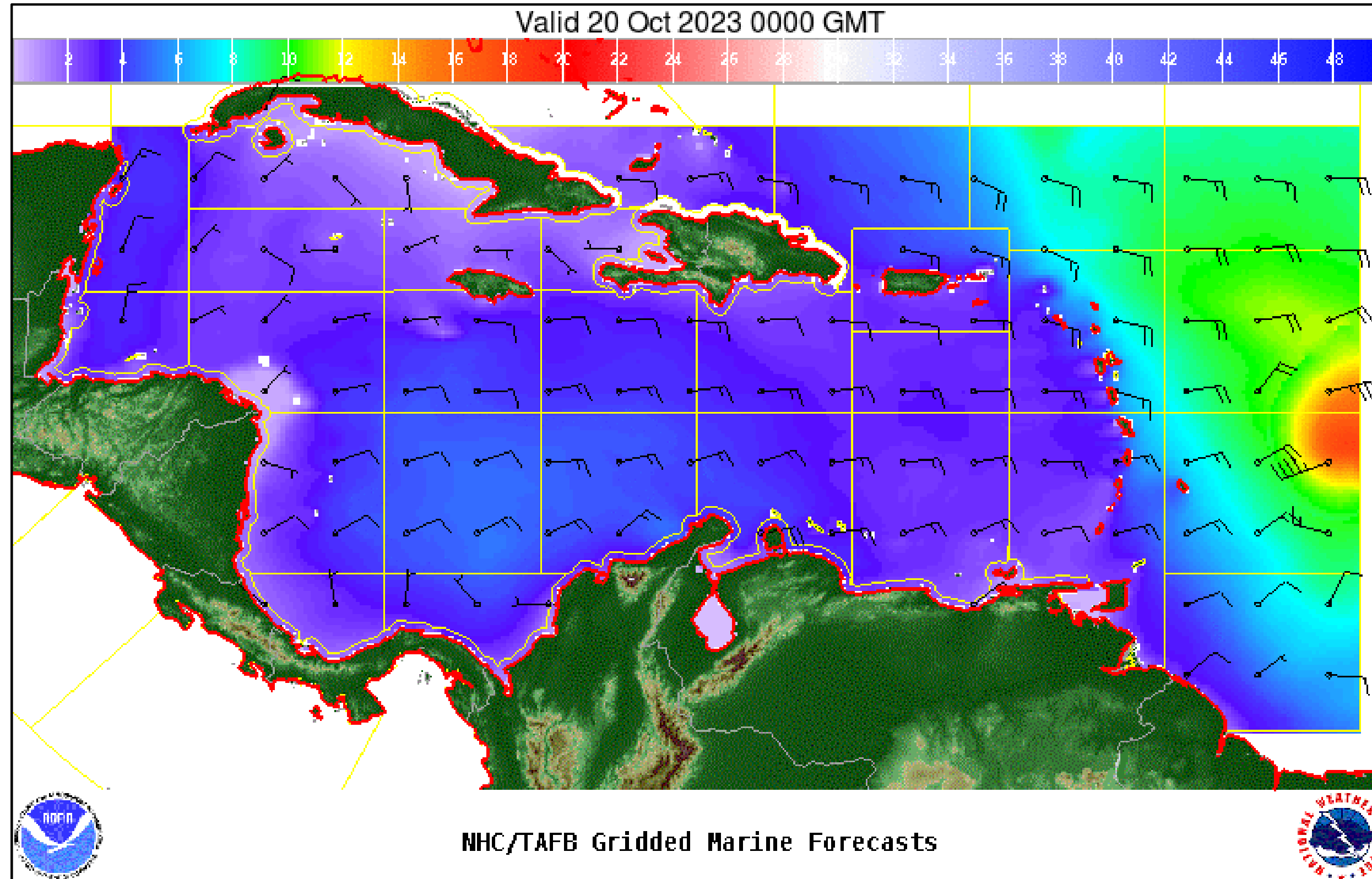
Significant Wave Height (ft)

# Wind And Waves

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



## 36 Hour Forecast

Thursday 8pm EDT October 19th

Peak Winds: 50 kt

Peak Seas: 20 ft

- Wave heights are in feet



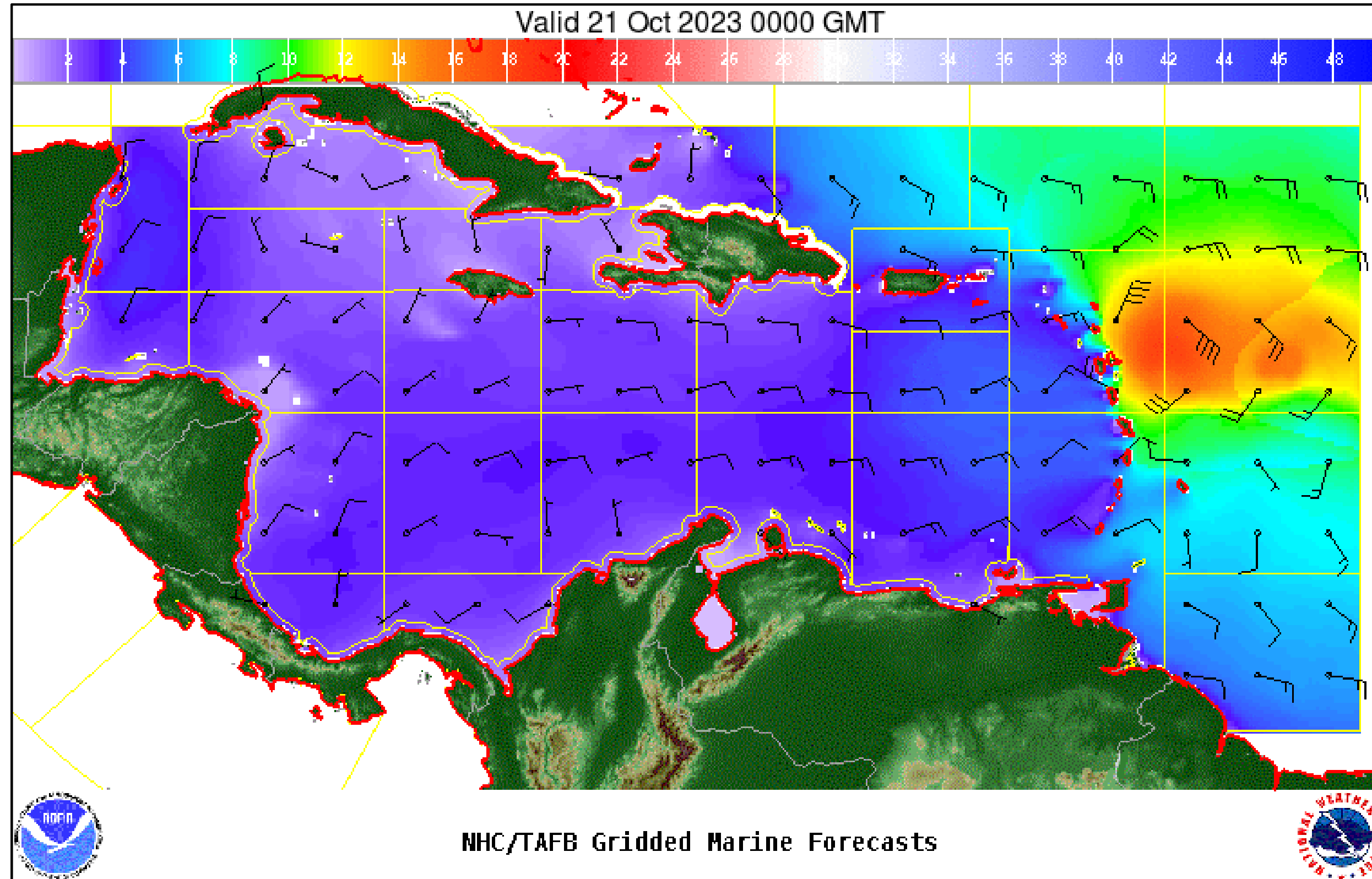
Significant Wave Height (ft)

# Wind And Waves

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



## 60 Hour Forecast

Friday 8pm EDT October 20th

Peak Winds: 50 kt

Peak Seas: 20 ft

- Wave heights are in feet



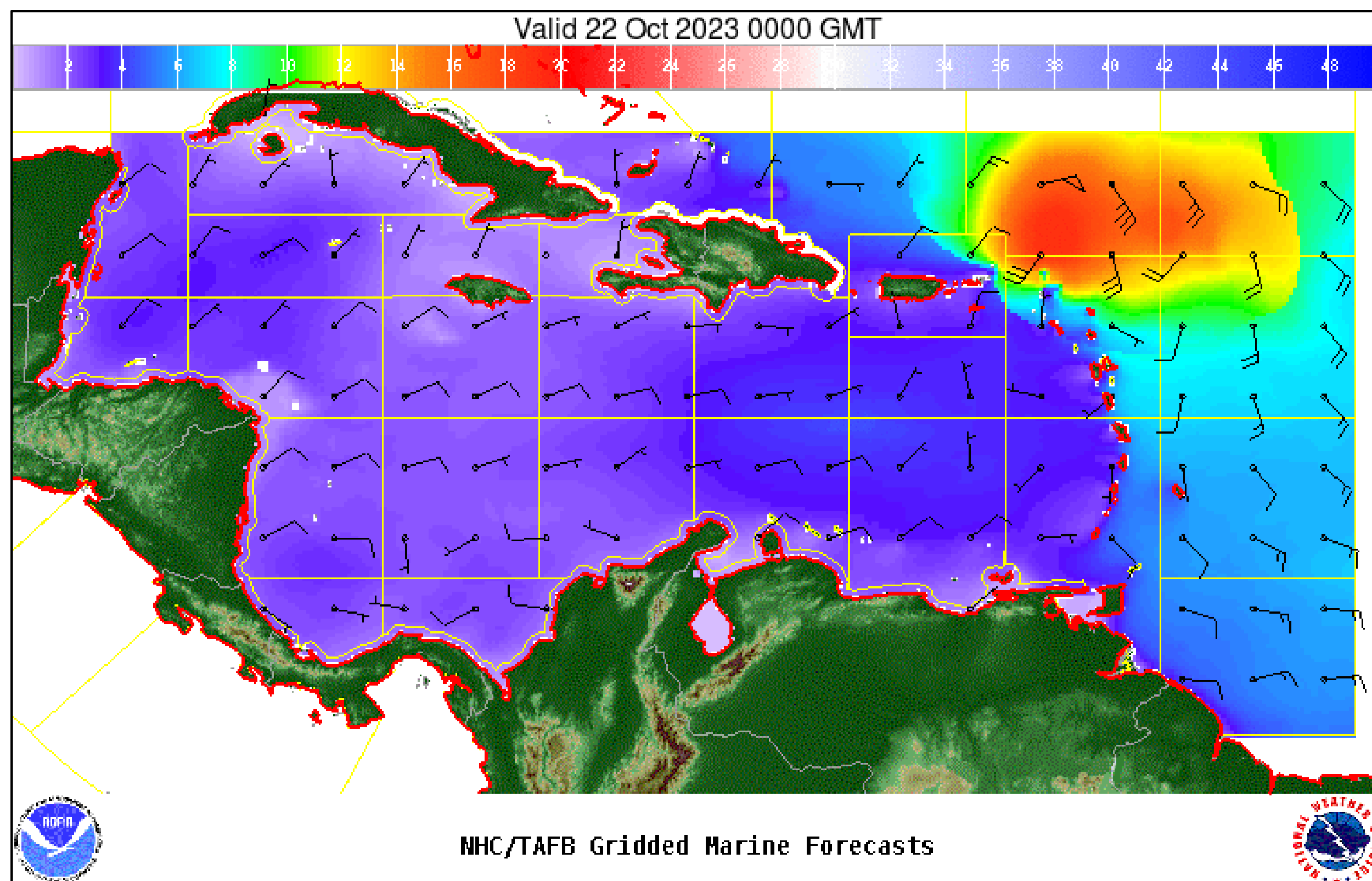
Significant Wave Height (ft)

# Wind And Waves

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



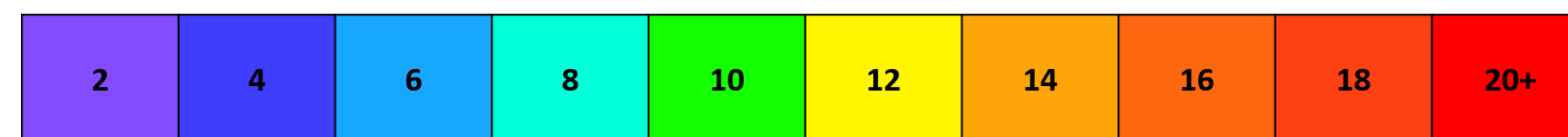
## 84 Hour Forecast

**Saturday 8pm, October 21<sup>st</sup>**

Peak Winds: 50 kt

Peak Seas: 20 ft

- Wave heights are in feet



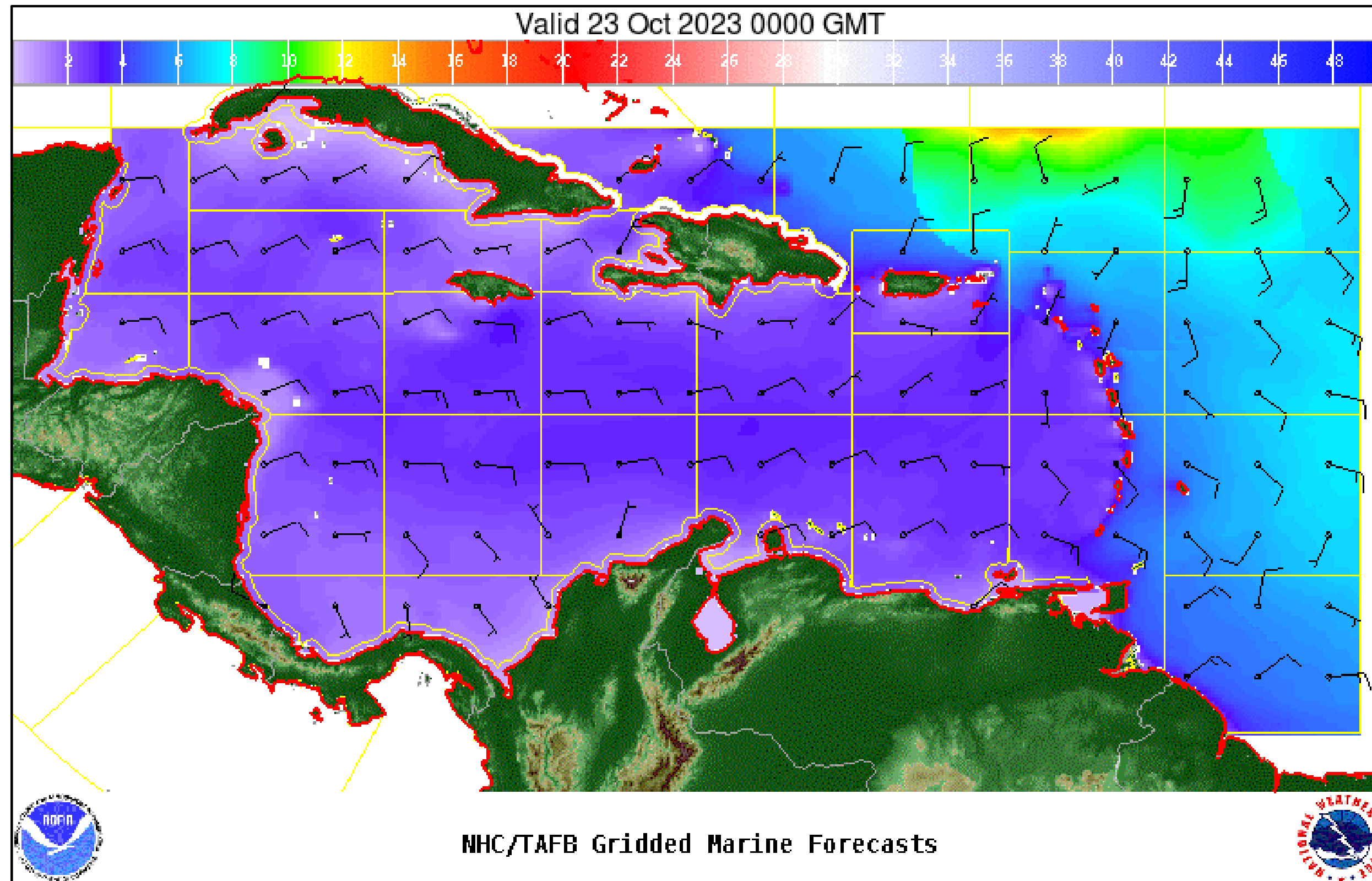
Significant Wave Height (ft)

# Wind And Waves

Invest 94L



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center



**108 Hour Forecast**  
**Sunday 8pm EDT, October 22<sup>nd</sup>**  
Peak Winds: 50 kt  
Peak Seas: 20 ft

- Wave heights are in feet



Significant Wave Height (ft)



# Expected Storm Total Rainfall and Chance of Rainfall Flooding

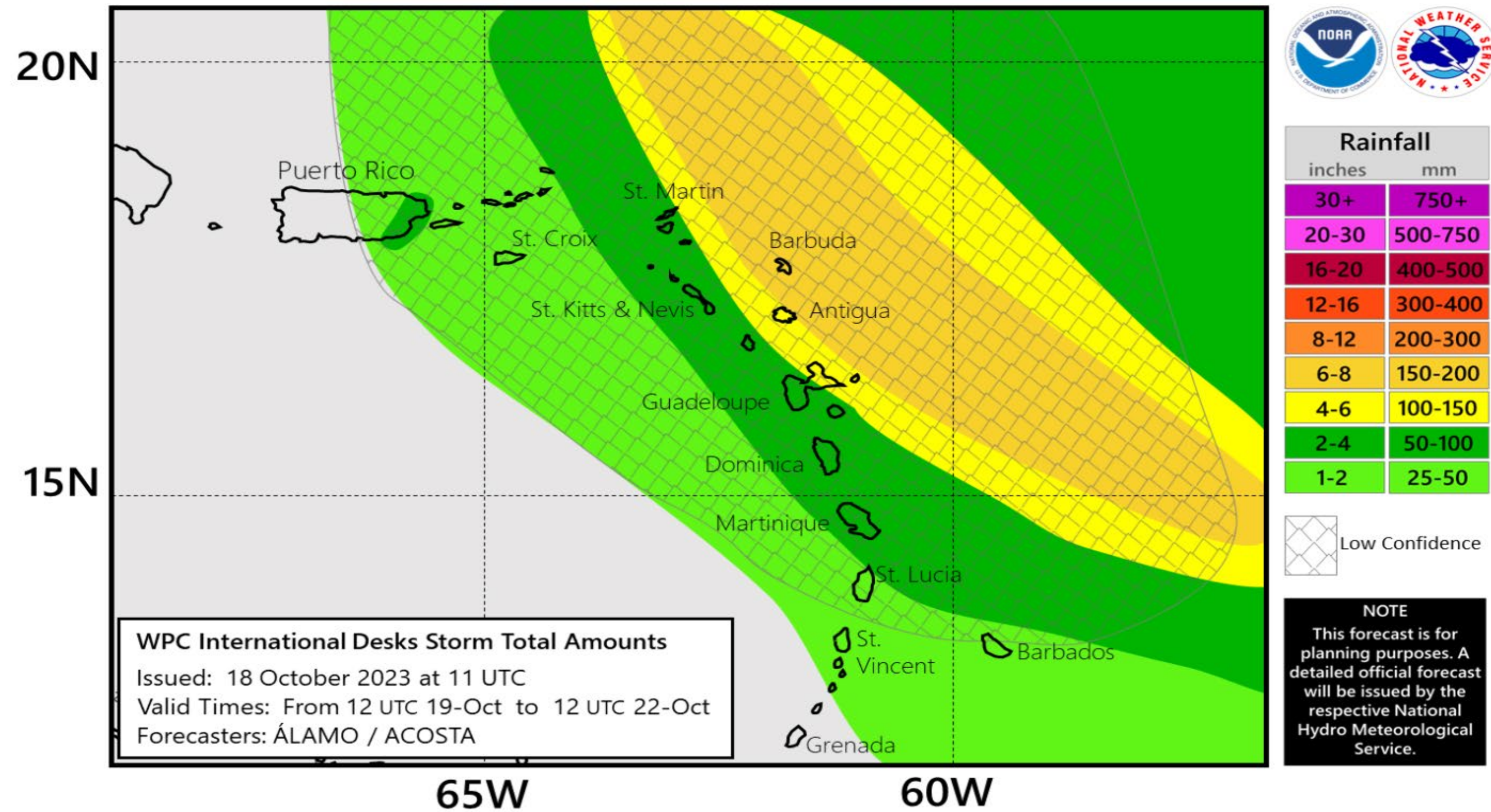


Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

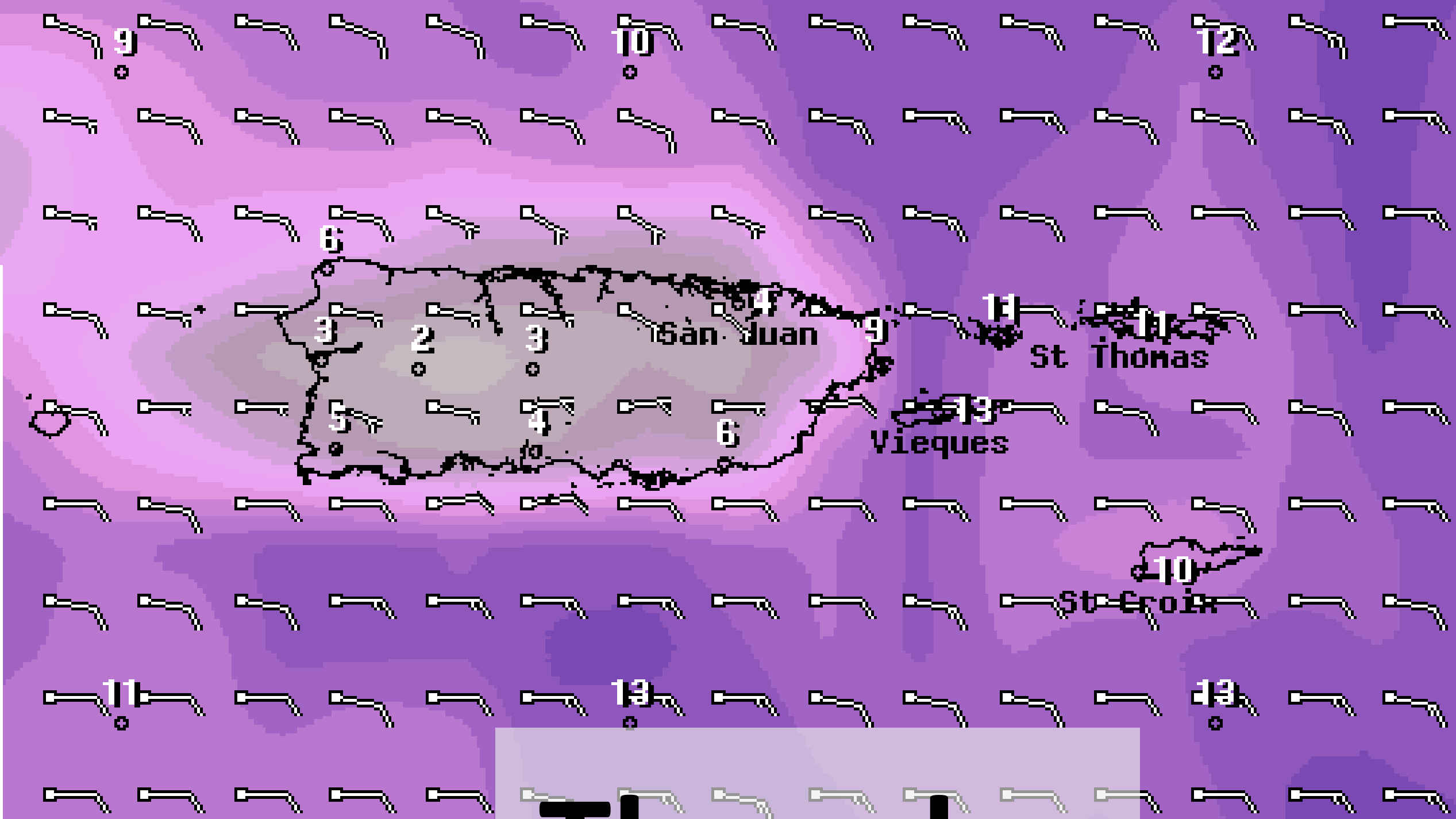
Invest 94L

Images from NWS Weather Prediction Center

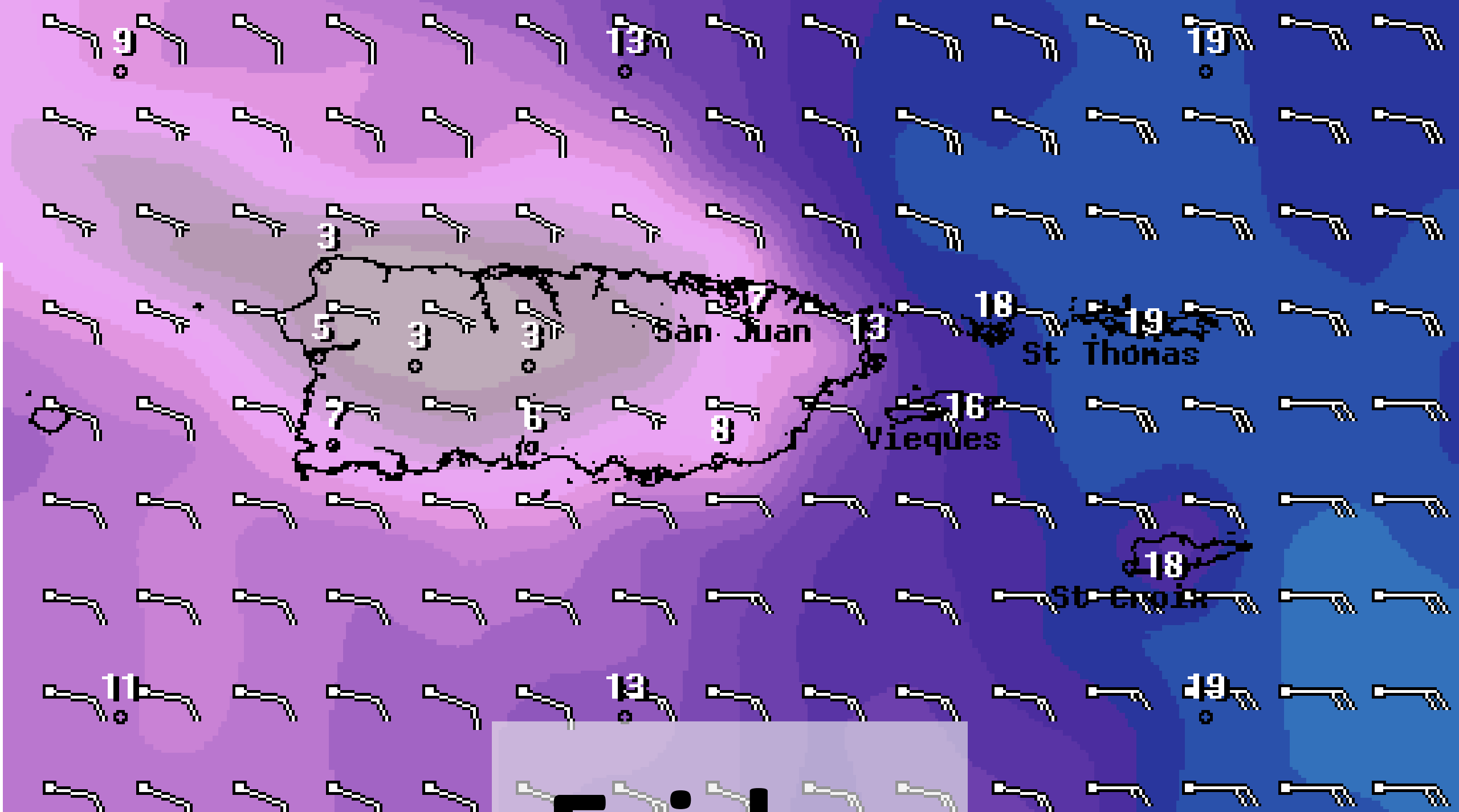
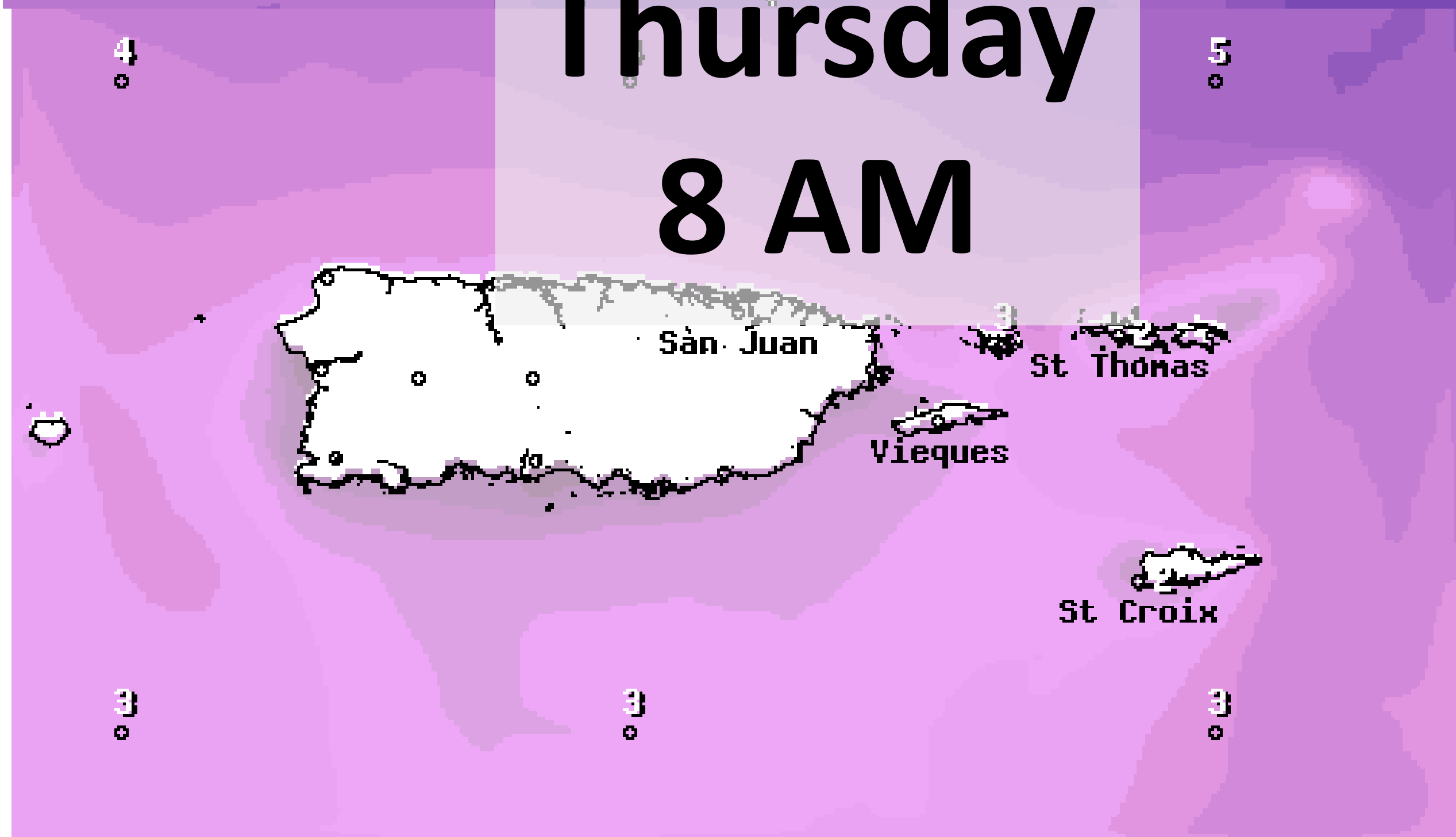
## Invest 94L Total Rainfall



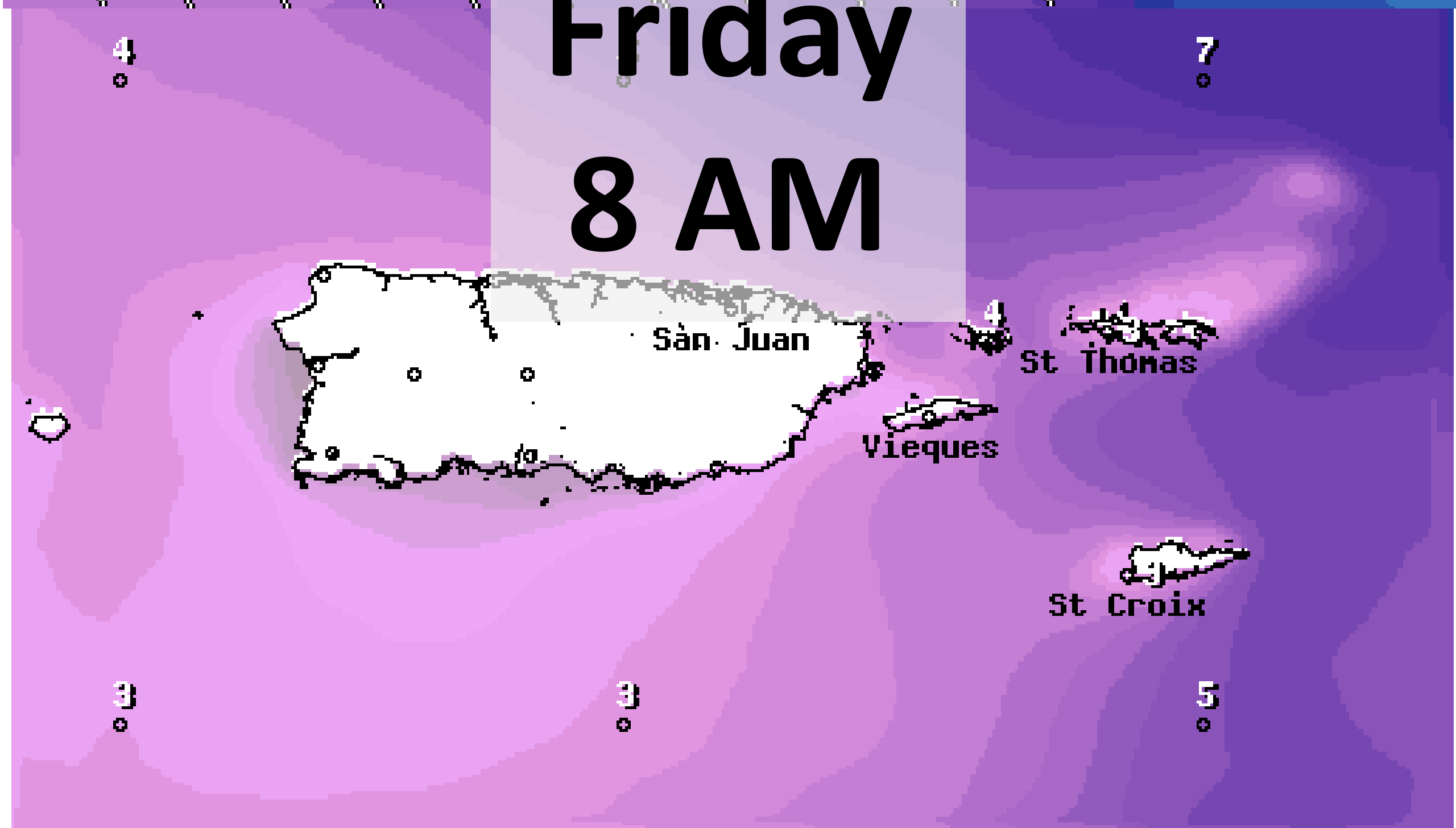
- Rainfall expected through Sunday morning

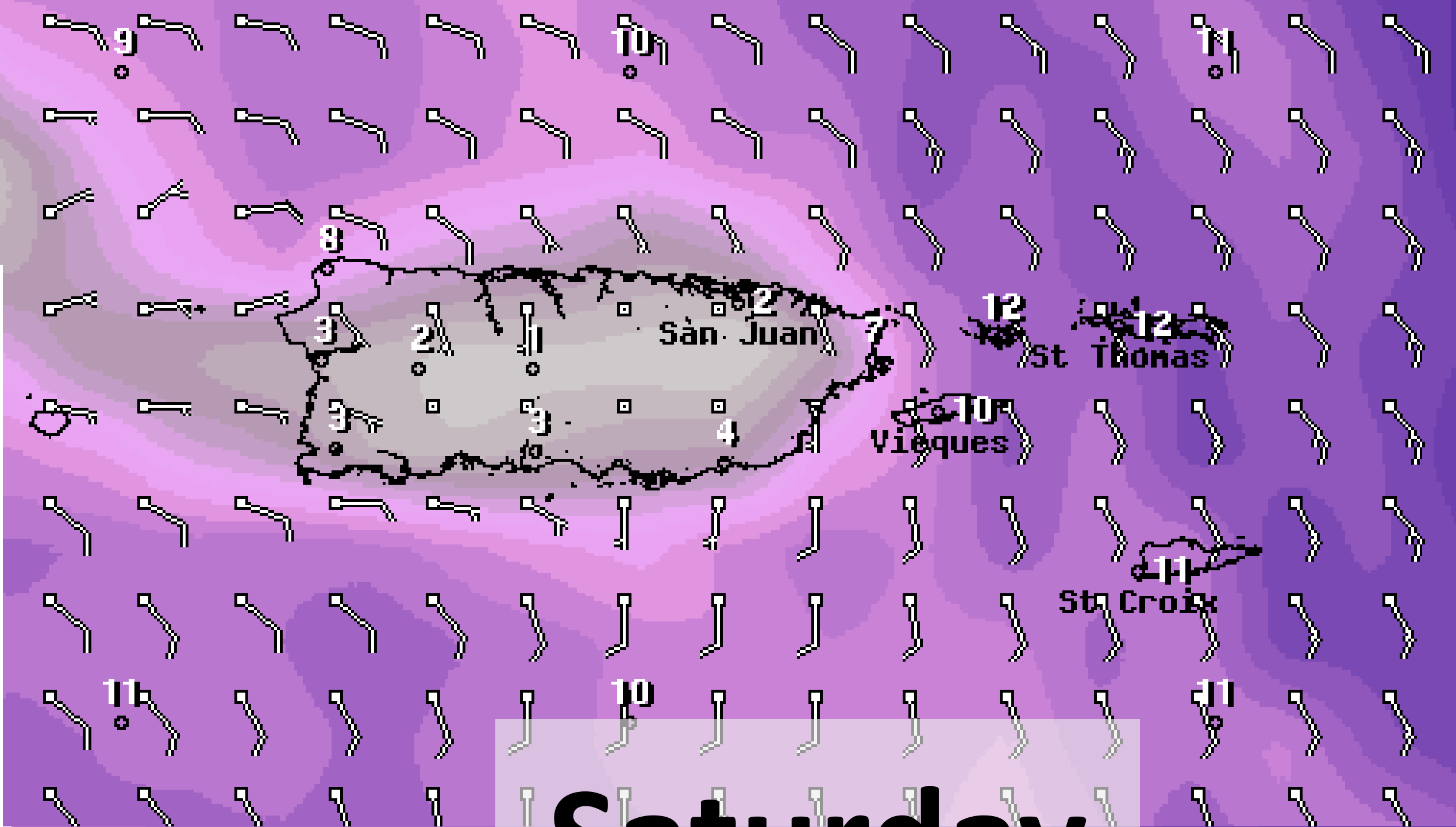


**Thursday  
8 AM**

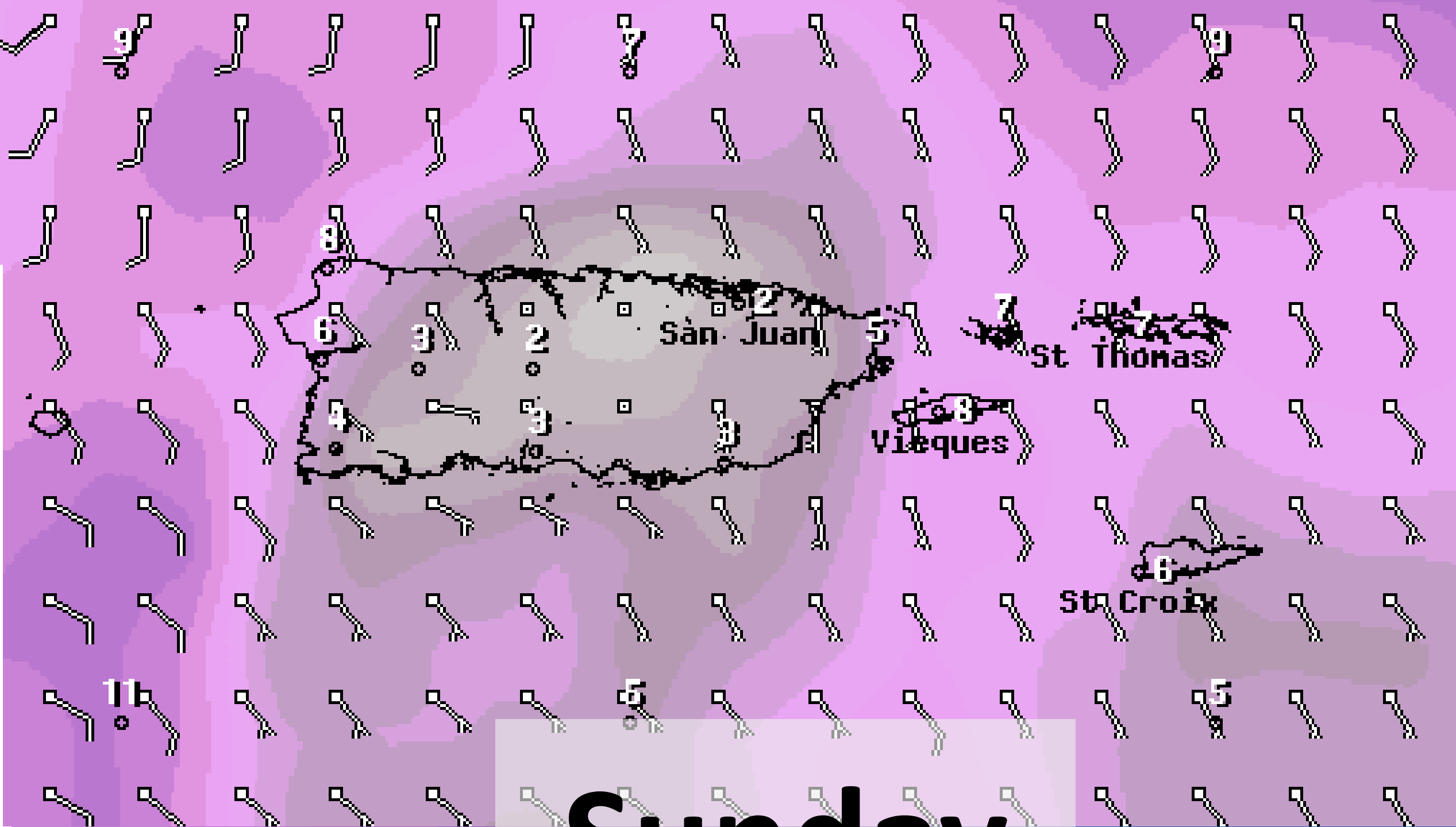
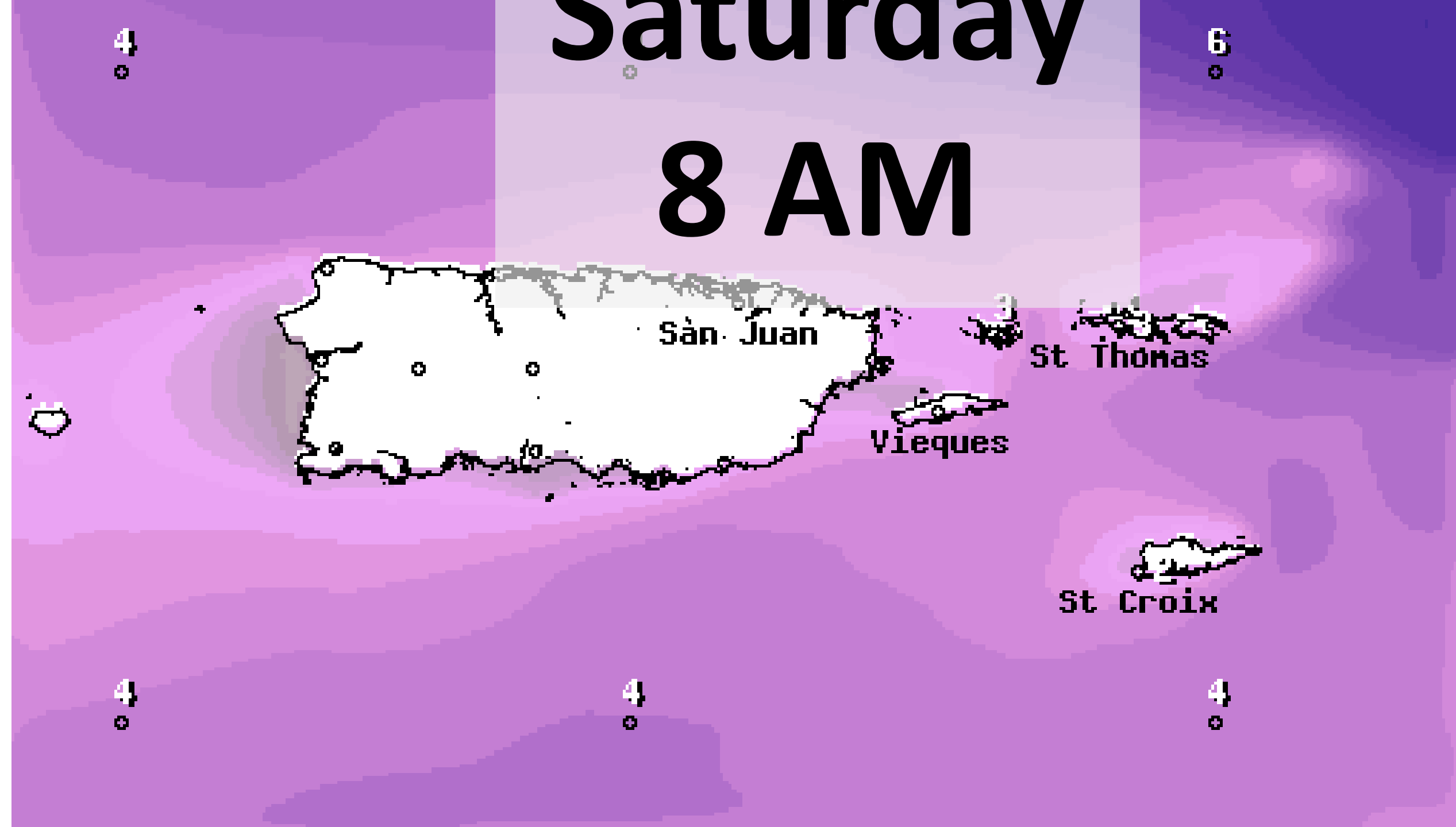


**Friday  
8 AM**

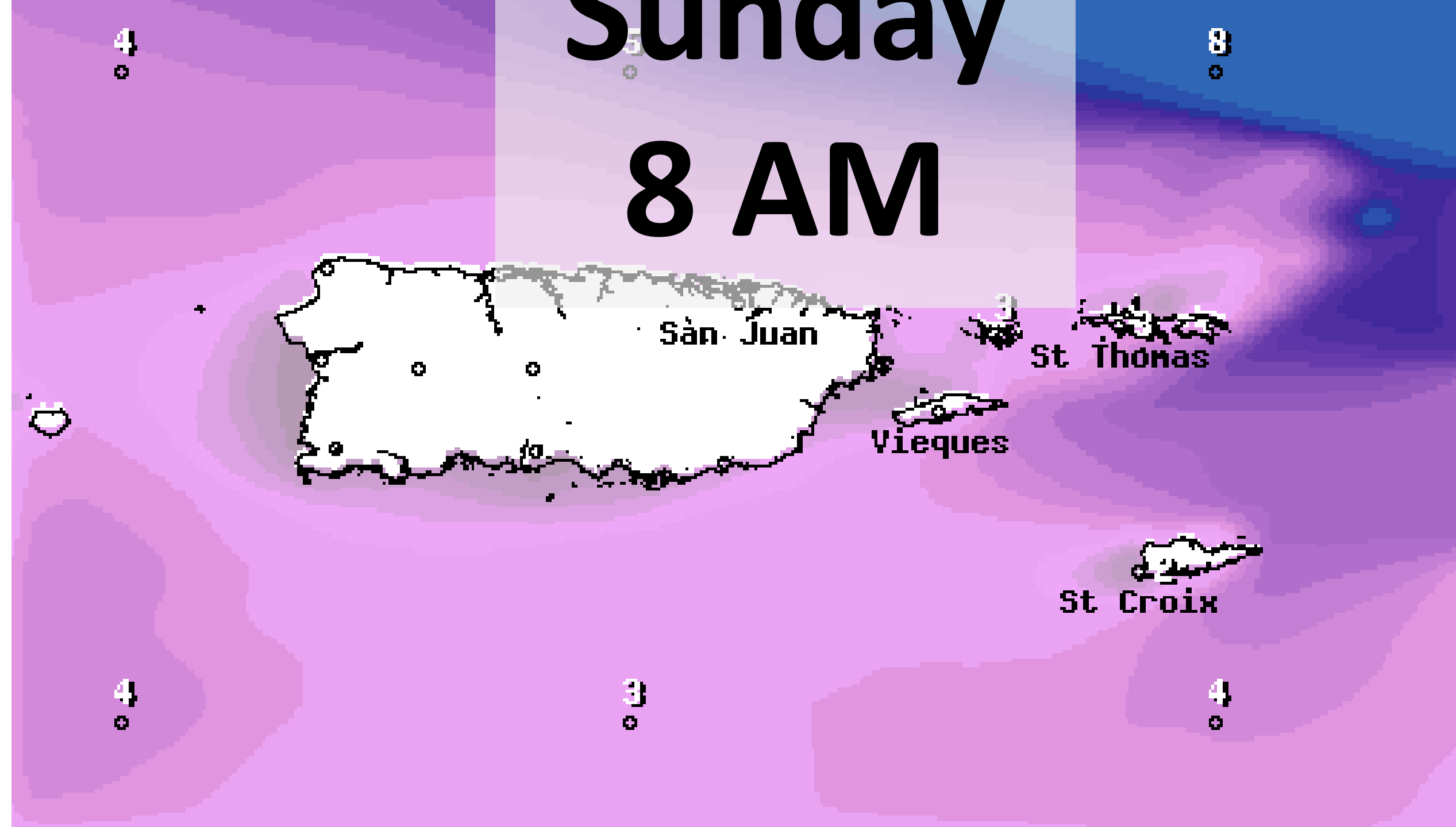




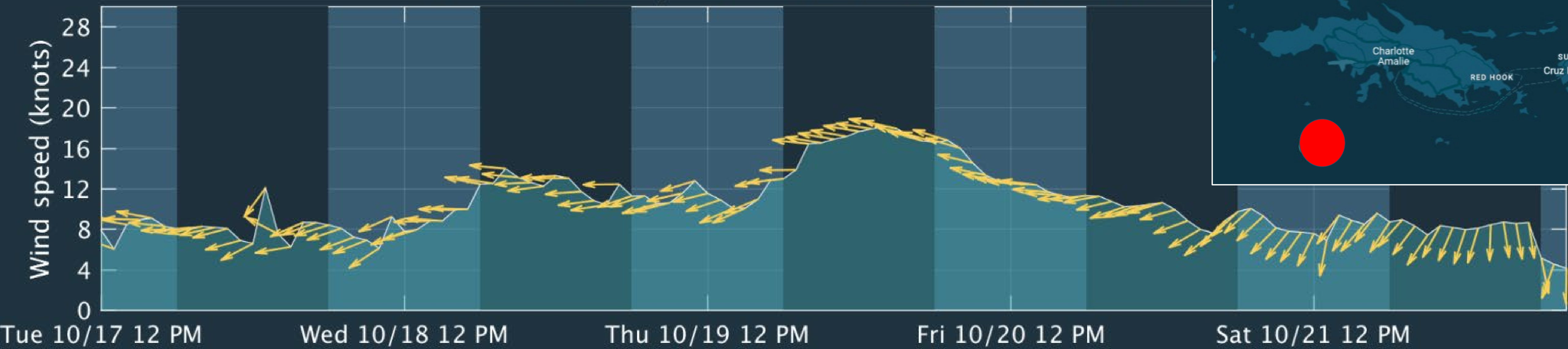
**Saturday**  
**8 AM**



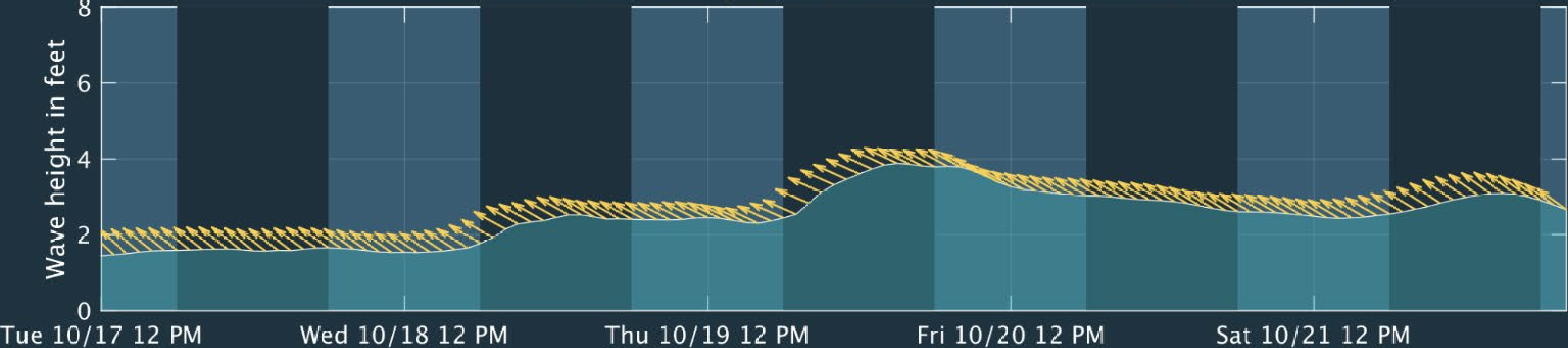
**Sunday**  
**8 AM**



# CARICOOS Wind Speed and Direction Forecast for South Wa



# CARICOOS Significant Wave Height and Wave Direction Forecast for South Water



Local Time: Dark Blue = Night & Light Blue = Day



# INVEST 94L BRIEFING

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

*The Next Briefing Will Be:  
Thursday 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)