

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

Saturday, October 21, 2023

Prepared by:

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Ernesto Rodriguez, NWS San Juan

Tropical Analysis and Forecast Branch



NHC_TAFB

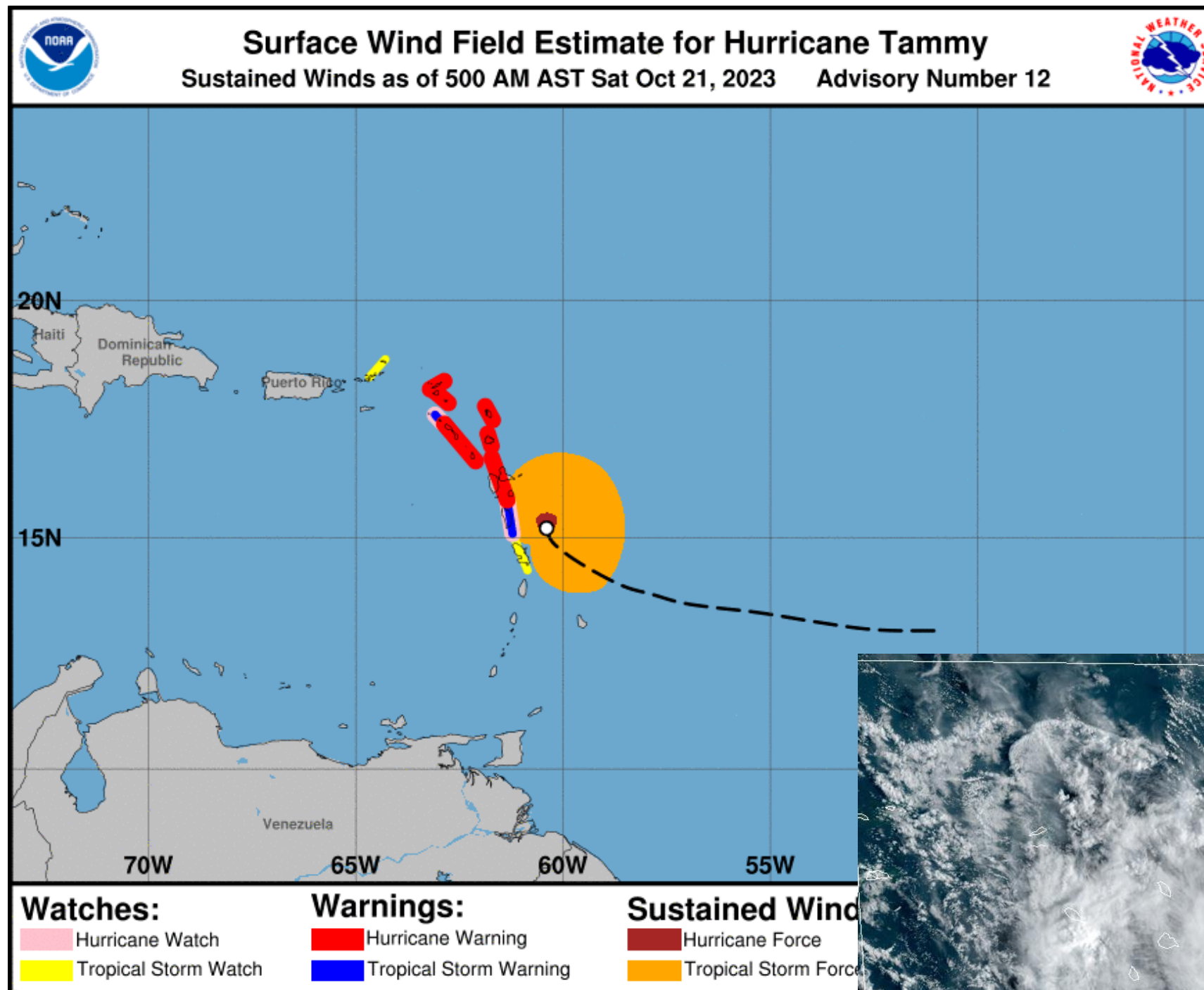
www.nhc.noaa.gov

Situation Overview

Hurricane Tammy



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



...TAMMY TURNS NORTHWESTWARD TO THE EAST OF DOMINICA...

...HURRICANE CONDITIONS AND HEAVY RAINFALL EXPECTED OVER THE LEEWARD ISLANDS LATER TODAY AND TONIGHT...

Summary of 500 AM AST...0900 UTC...

Location... 15.2N 60.4W

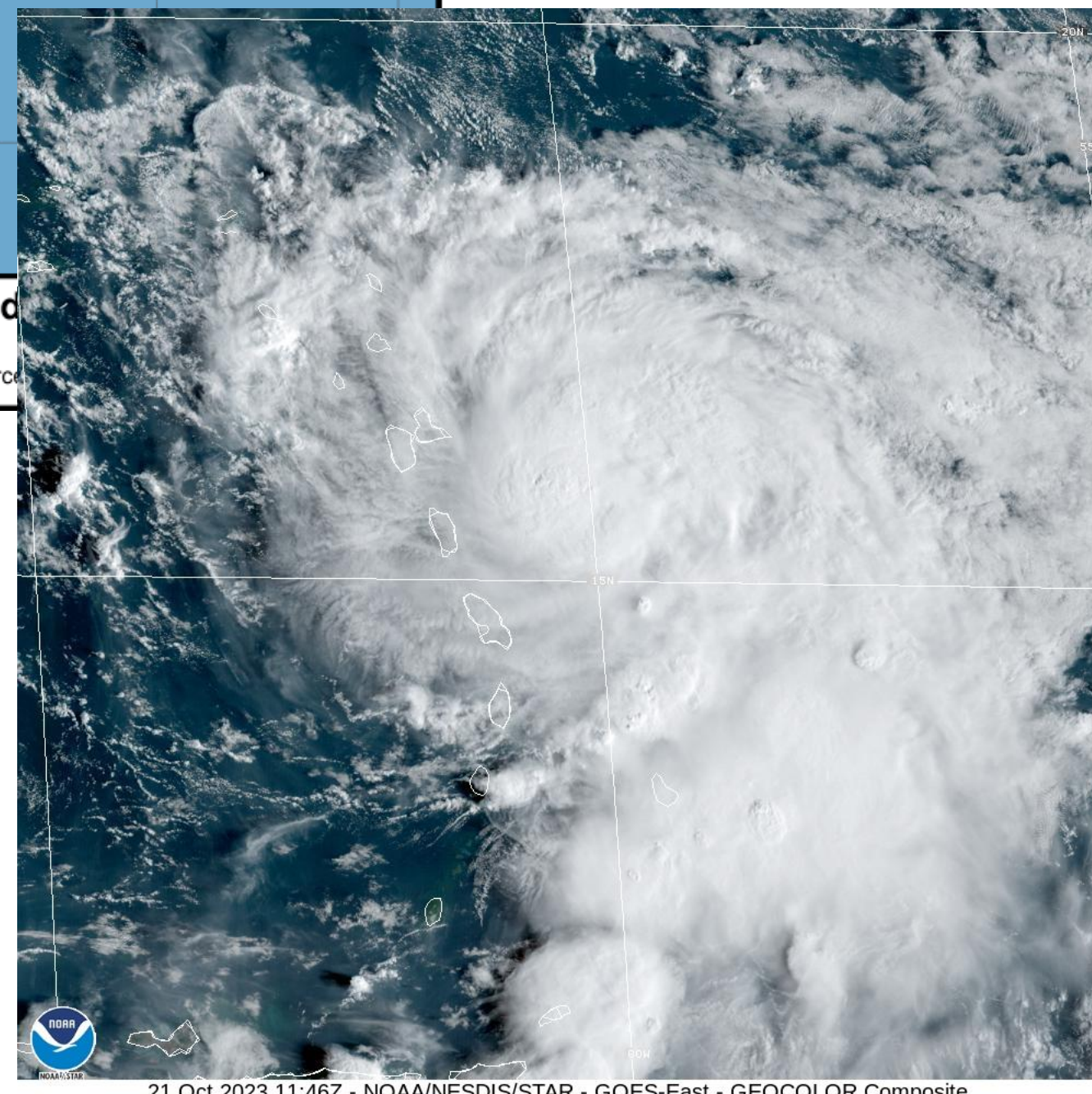
About 50 NM ESE of Dominica

About 85 NM SE of Guadeloupe

Max sustained winds...70 knots

Present movement...NW at 8 knots

Minimum Central Pressure... 991 mb



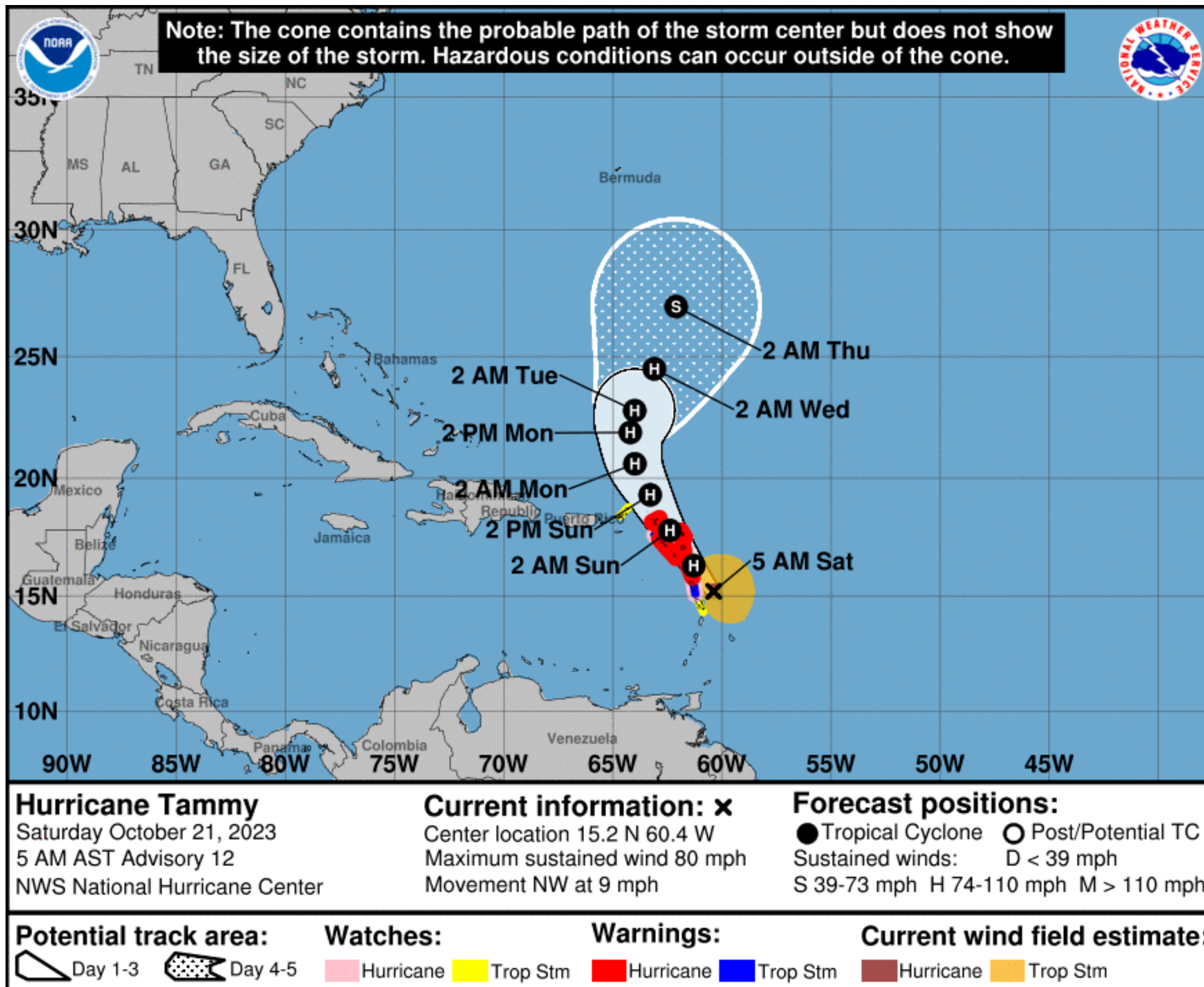
21 Oct 2023 11:46Z - NOAA/NESDIS/STAR - GOES-East - GEOCOLOR Composite

Forecast Information



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Tammy



Tammy will maintain hurricane strength as move through the northern Leeward Islands through Sunday

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

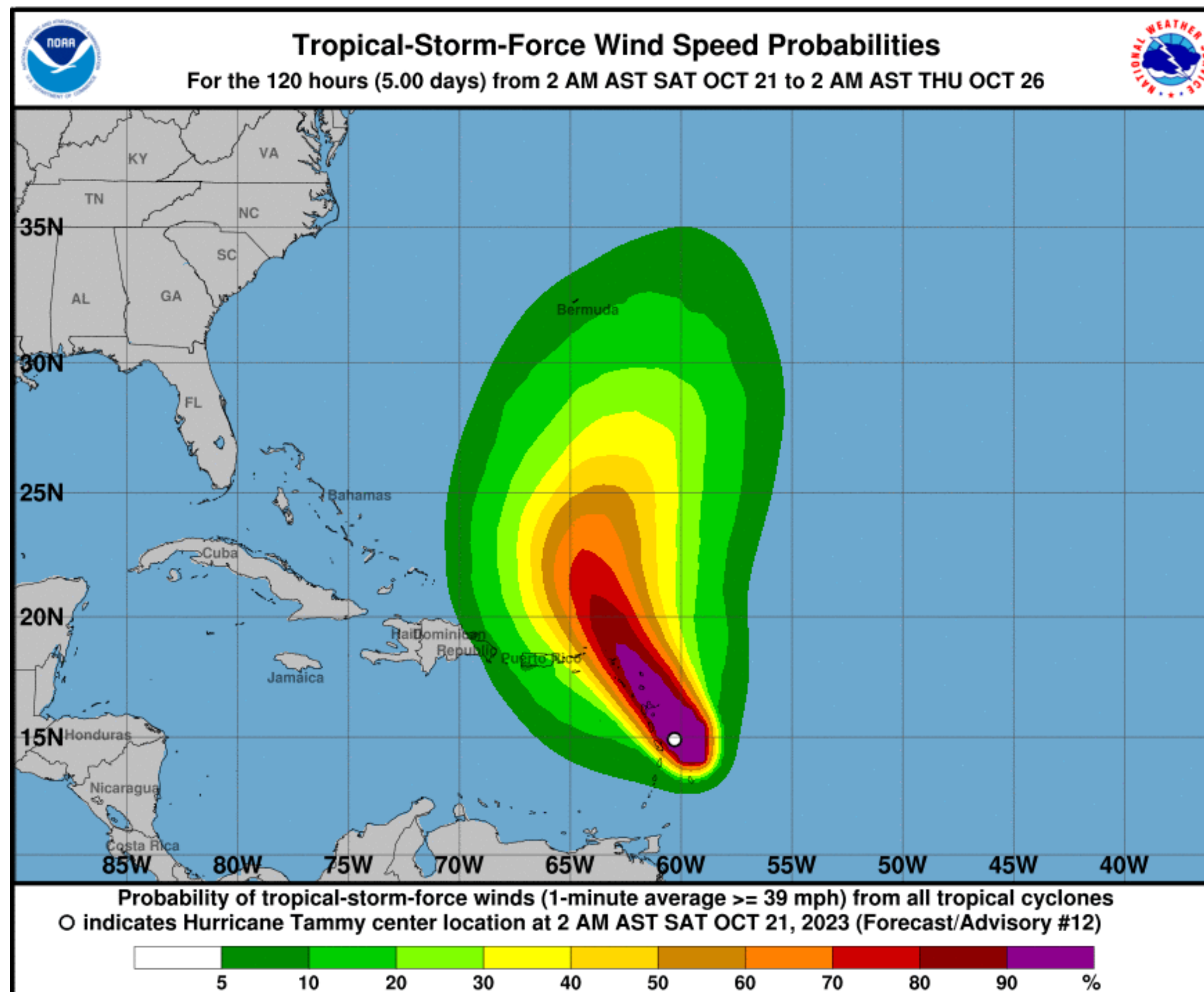
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

T.S. Wind Speed Probabilities

Hurricane Tammy



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NWS National Hurricane Center



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.

- St Thomas – 35%
- St John – 40%
- Vieques – 25%
- St Croix – 25%

- 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%

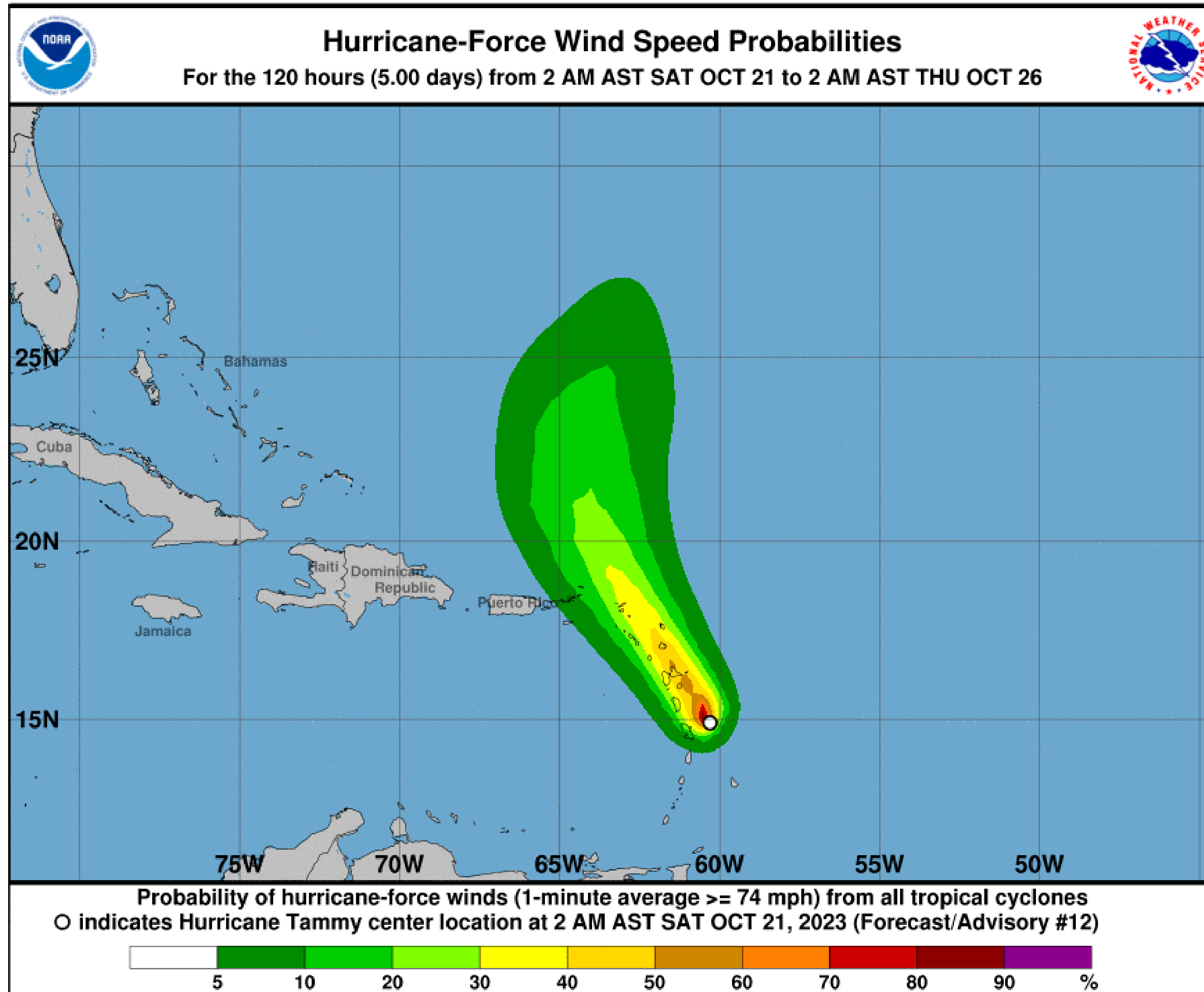
- See the color bar below the image for more details.

Hurricane Wind Speed Probabilities



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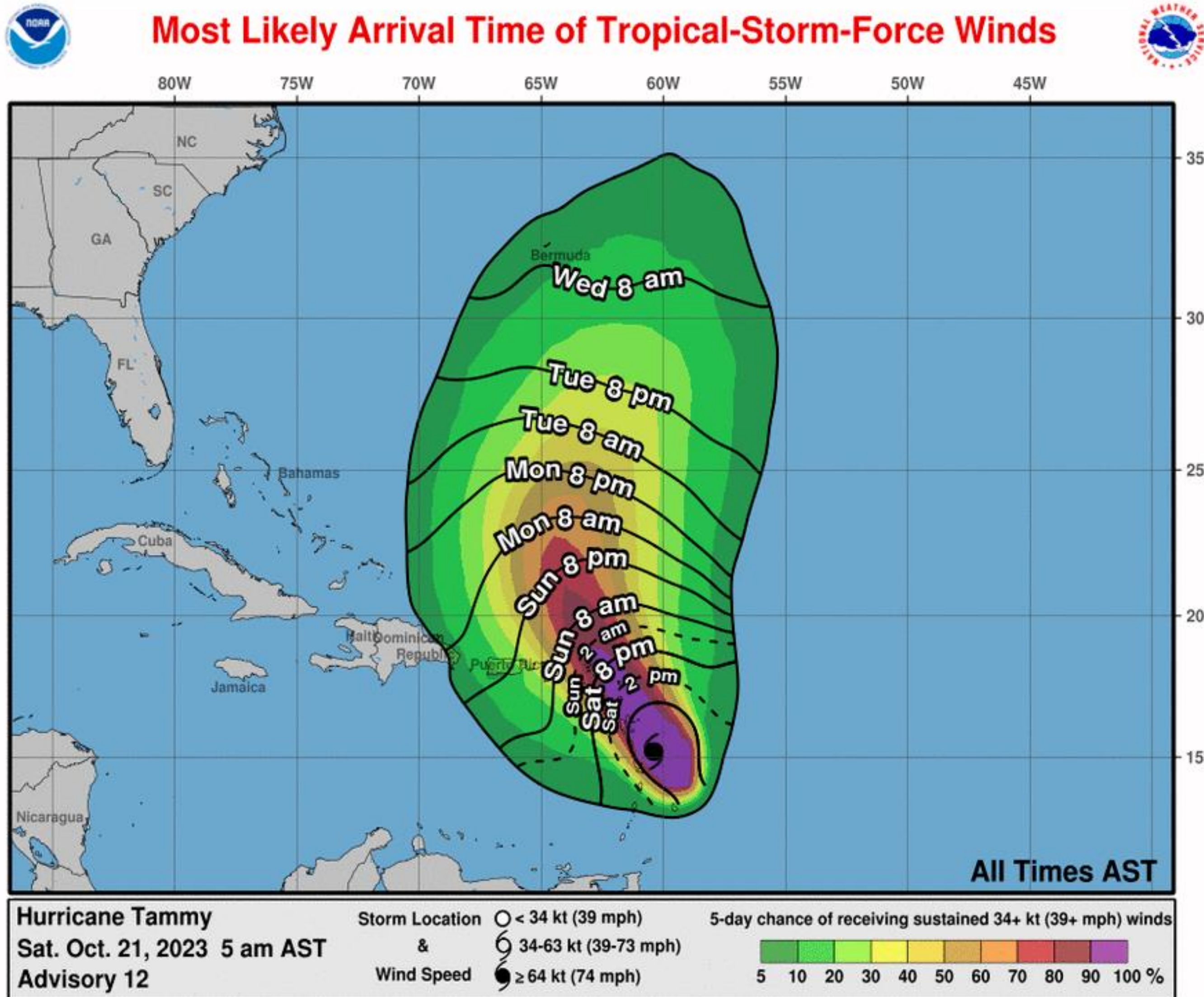
Hurricane Tammy



- Probabilities of sustained tropical storm force winds (64kt) over the next 5 days, based off this cyclone's wind radii and track.
- St Thomas – 2%
- St John – 3%
- Vieques – 4%
- St Croix – 4%
- 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



Expect tropical storm force winds extending across the northern Leeward Islands by early Saturday

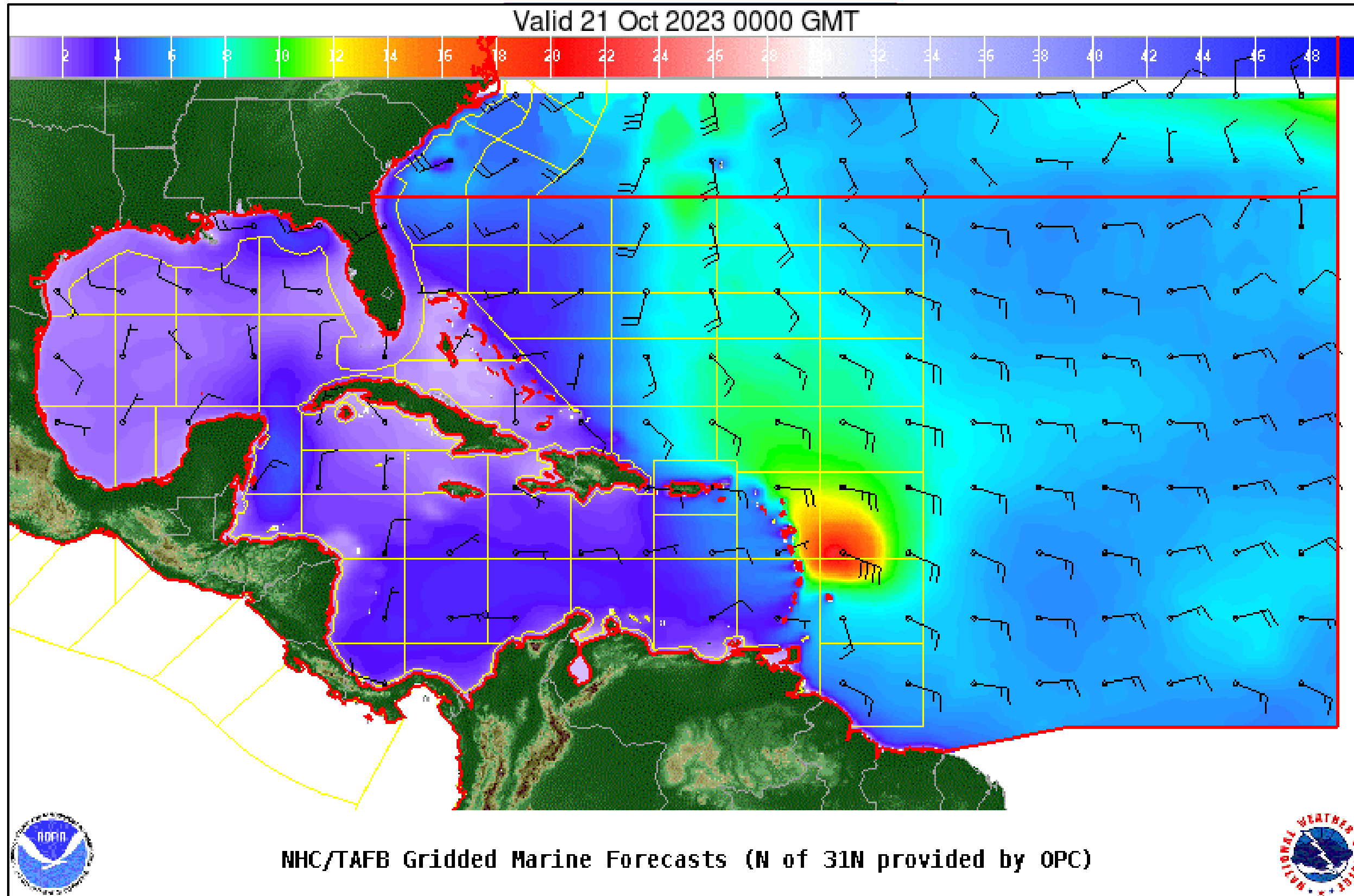
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color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

Wind And Waves

Hurricane Tammy



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NWS National Hurricane Center



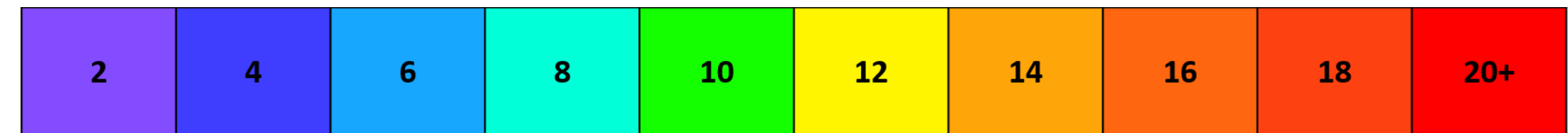
Current Conditions

8 am EDT Oct 21, 2023

Peak Winds: 70 kt

Peak Seas: 23 ft

- Wave heights are in feet



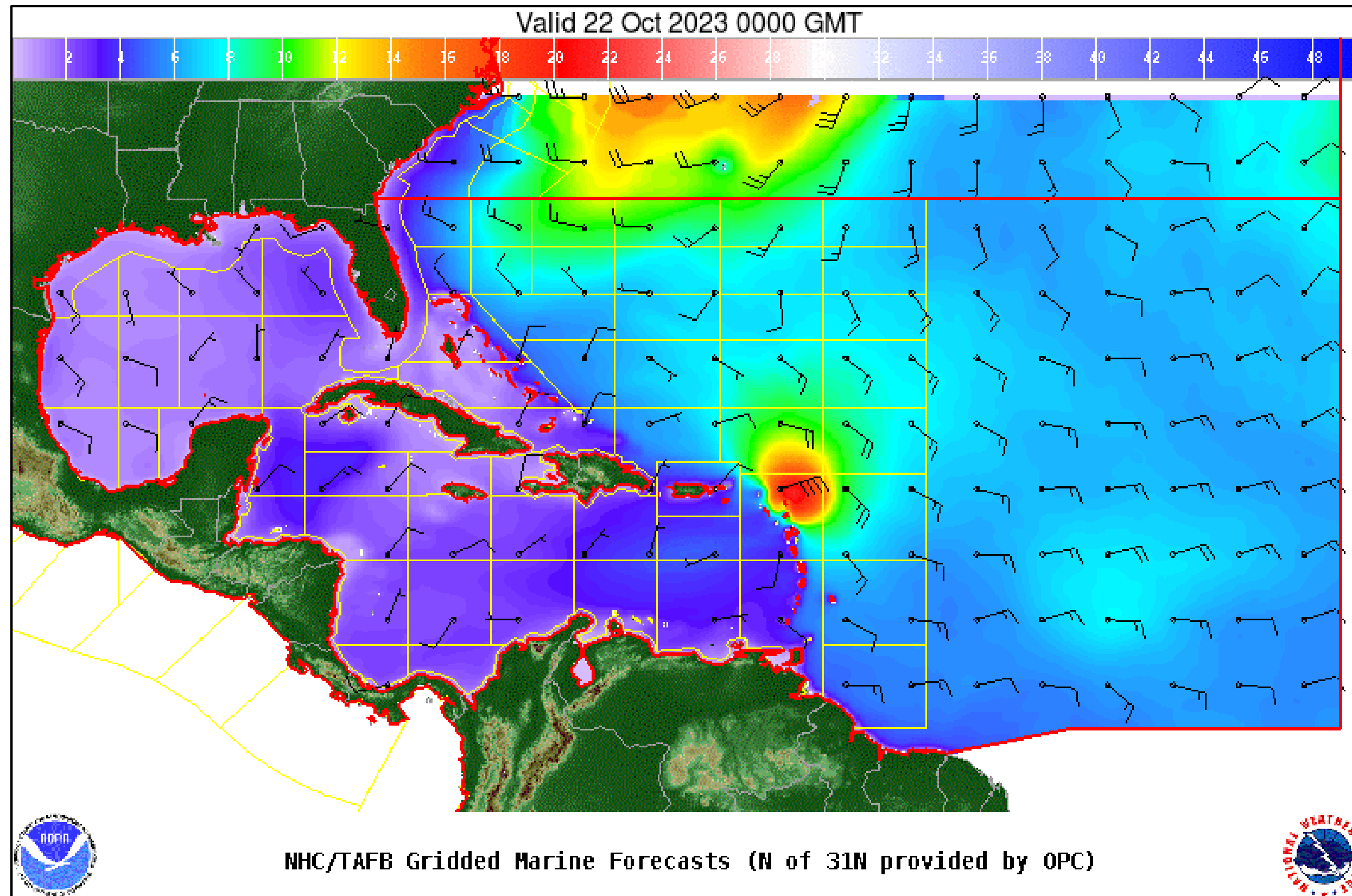
Significant Wave Height (ft)

Wind And Waves

Hurricane Tammy



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24 Hour Forecast

8 am EDT Oct 22, 2023

Peak Winds: 75 kt

Peak Seas: 25 ft

- Wave heights are in feet



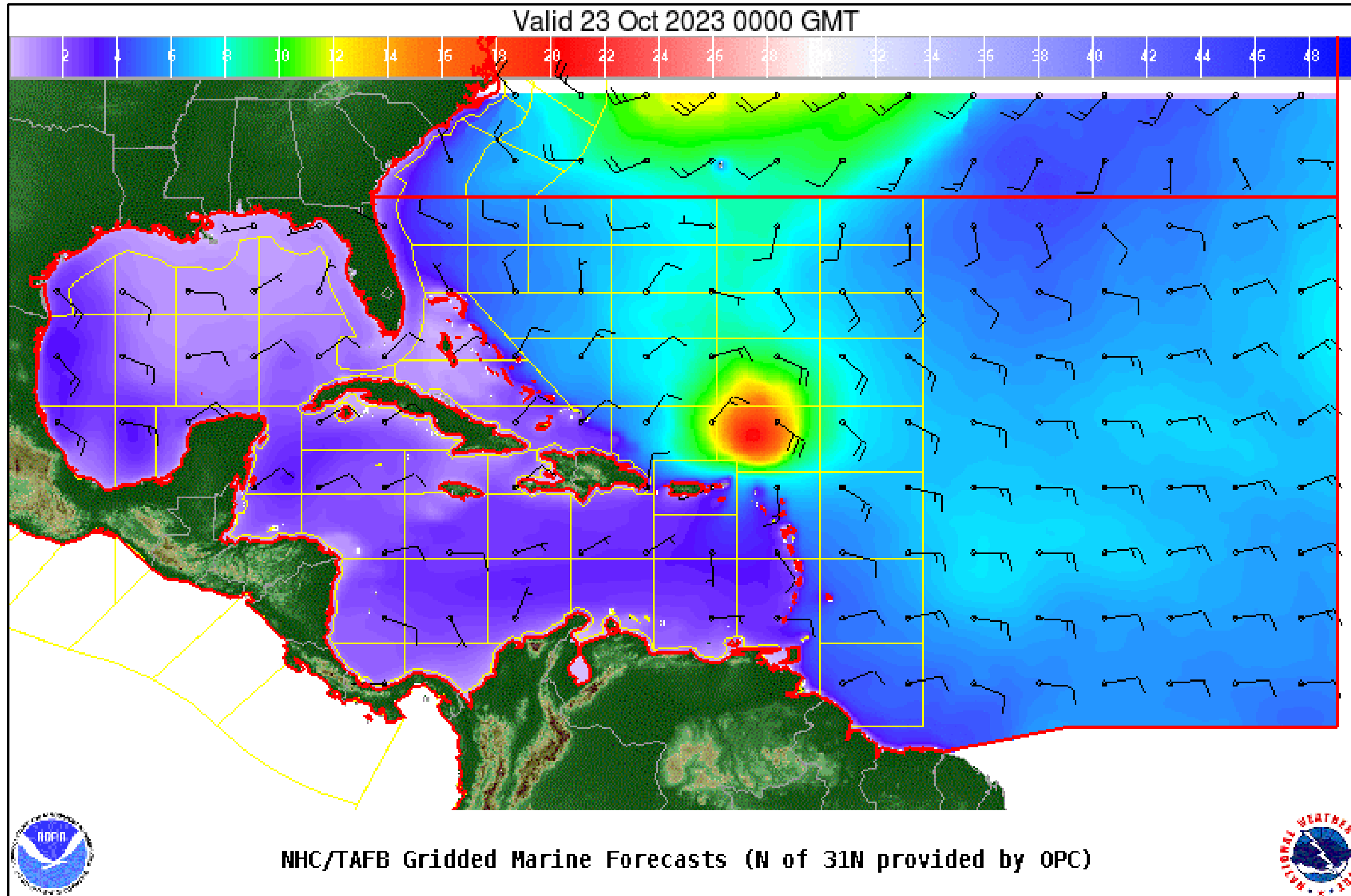
Significant Wave Height (ft)

Wind And Waves

Hurricane Tammy



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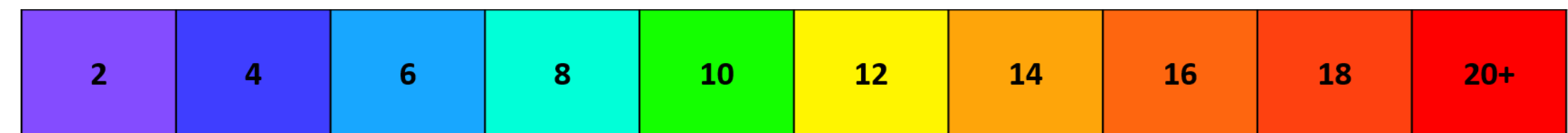
48 Hour Forecast

8 am EDT, Oct 23, 2023

Peak Winds: 75 kt

Peak Seas: 25 ft

- Wave heights are in feet



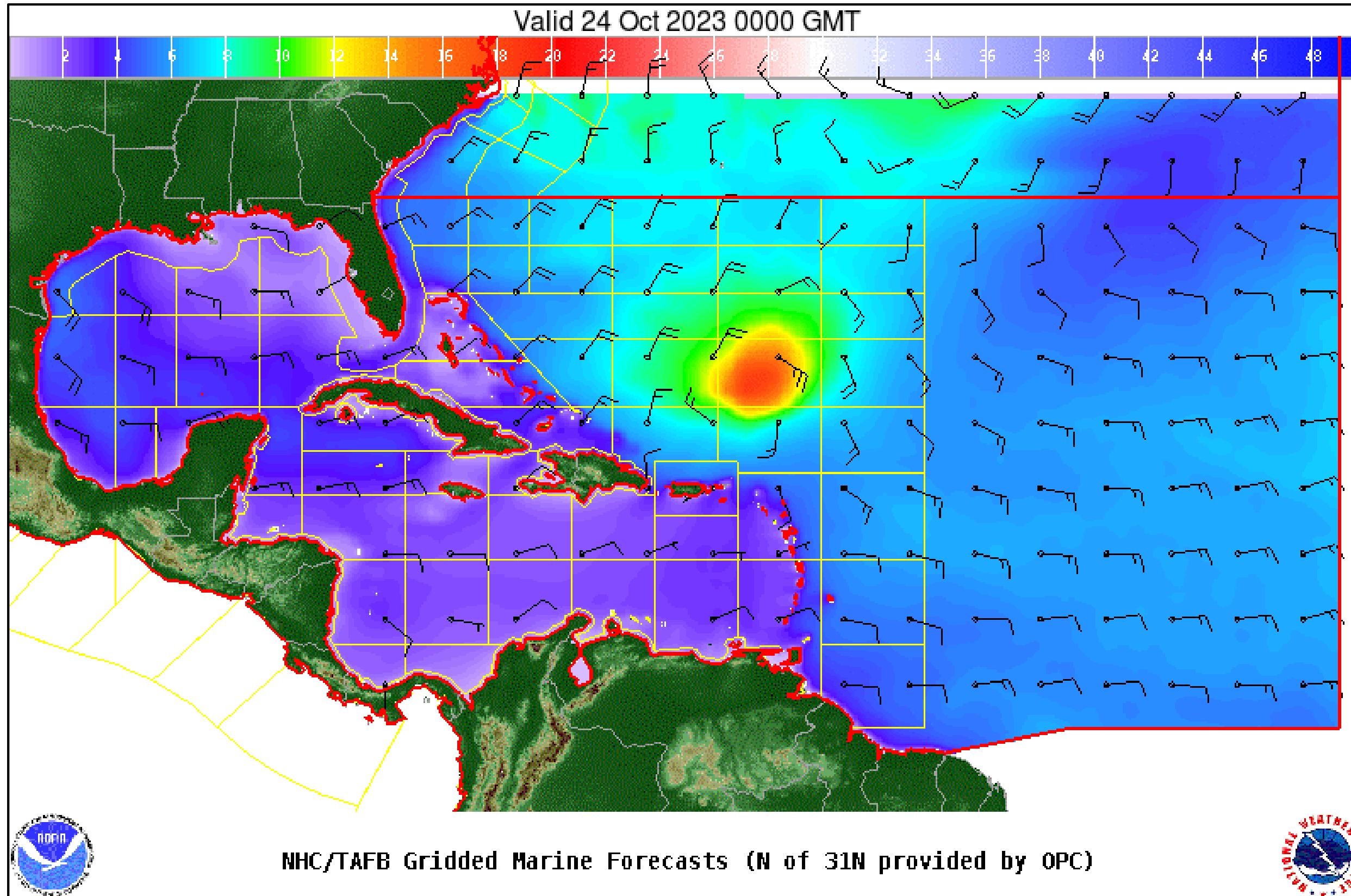
Significant Wave Height (ft)

Wind And Waves

Hurricane Tammy



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72 Hour Forecast

8 am EDT, Oct 24, 2023

Peak Winds: 75 kt

Peak Seas: 25 ft

- Wave heights are in feet



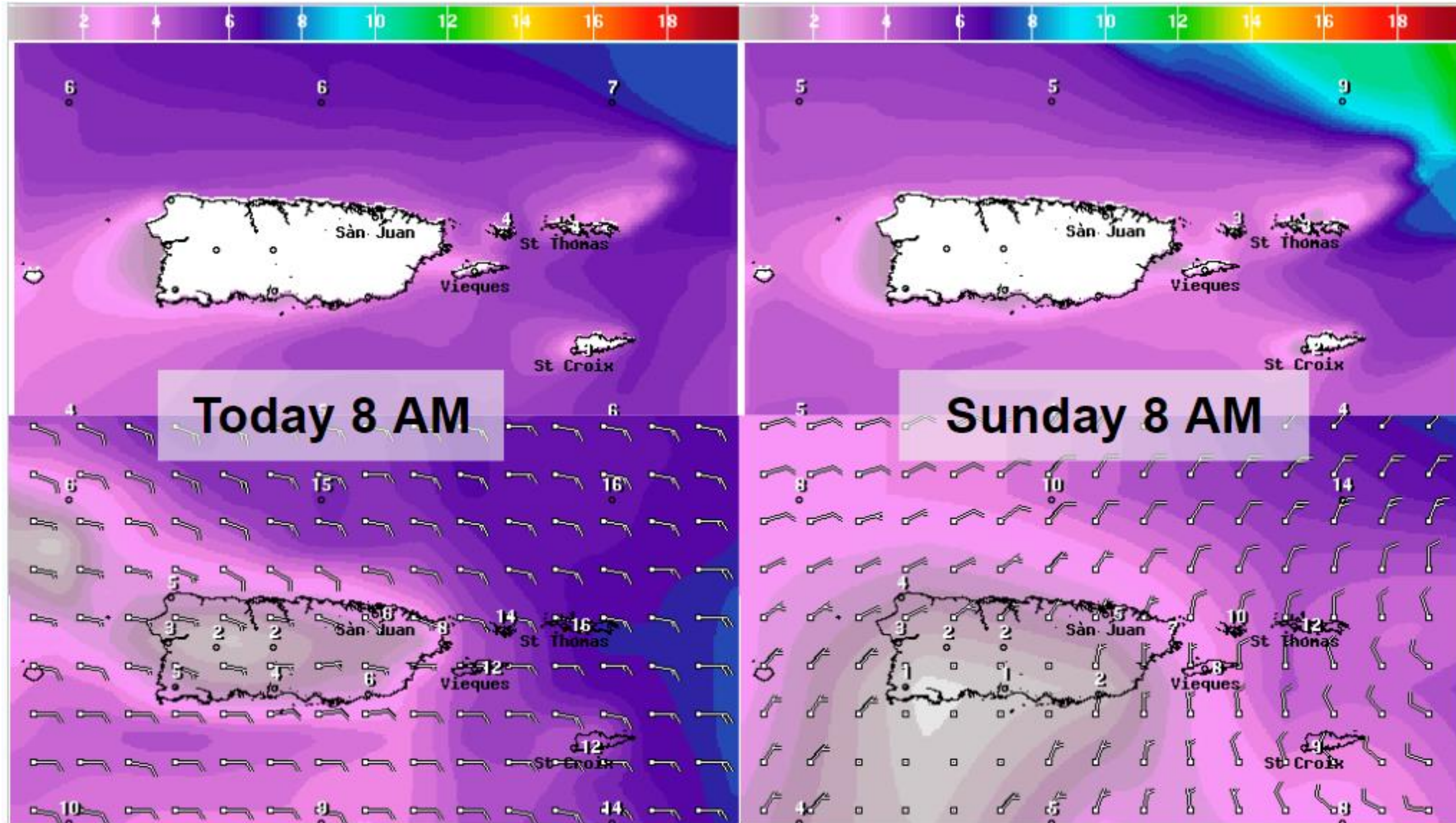
Significant Wave Height (ft)

Wind And Waves

Hurricane Tammy



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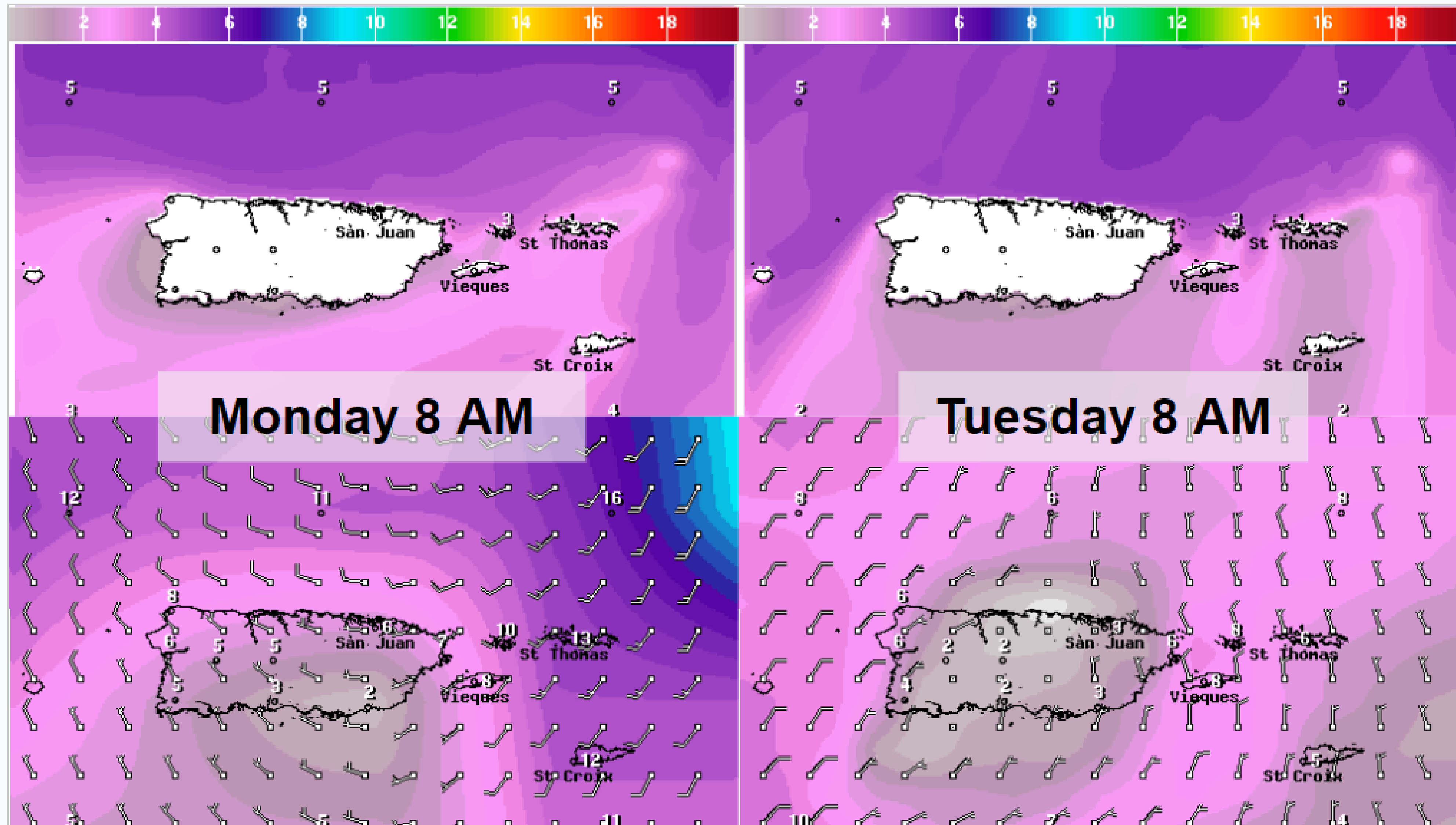


Wind And Waves

Hurricane Tammy



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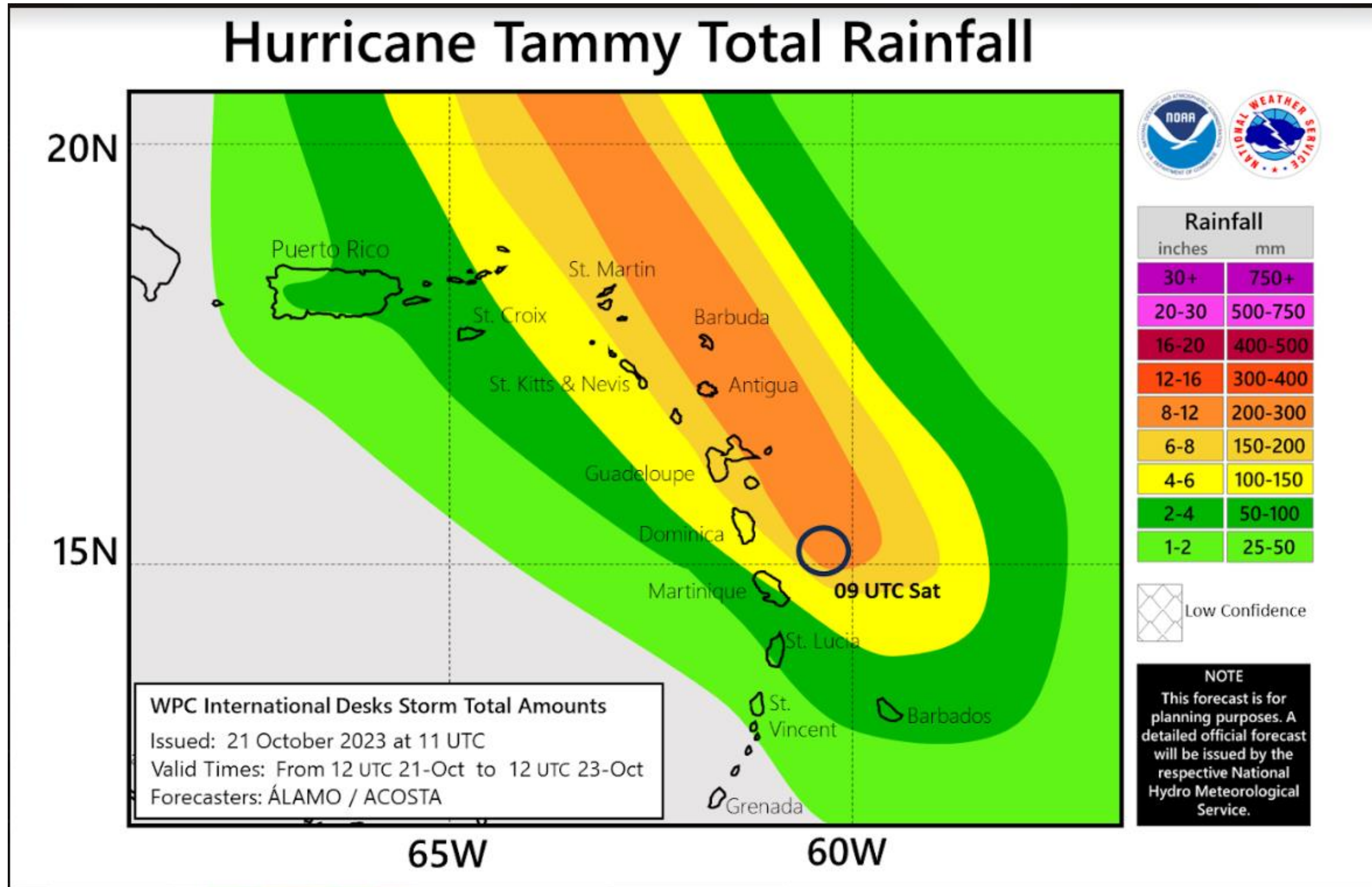
Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Hurricane Tammy

Images from NWS Weather Prediction Center



Key Messages

Hurricane Tammy



Tropical Analysis and Forecast Branch
NWS National Hurricane Center



- Hazardous marine conditions will persist through Sun night 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

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



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www.nhc.noaa.gov