

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

**Winds – Low**

**Storm Surge – Low**

**Rainfall/Flash Flooding – High**

**Tornadoes – Low**

**Waves - Moderate**

# POTENTIAL TROPICAL CYCLONE NINE BRIEFING



2:30 PM EDT  
Tuesday, July 28, 2020

Prepared by:  
**Jeff Lewitsky**

*Tropical Analysis and Forecast Branch  
NWS National Hurricane Center*



NHC\_TAFB

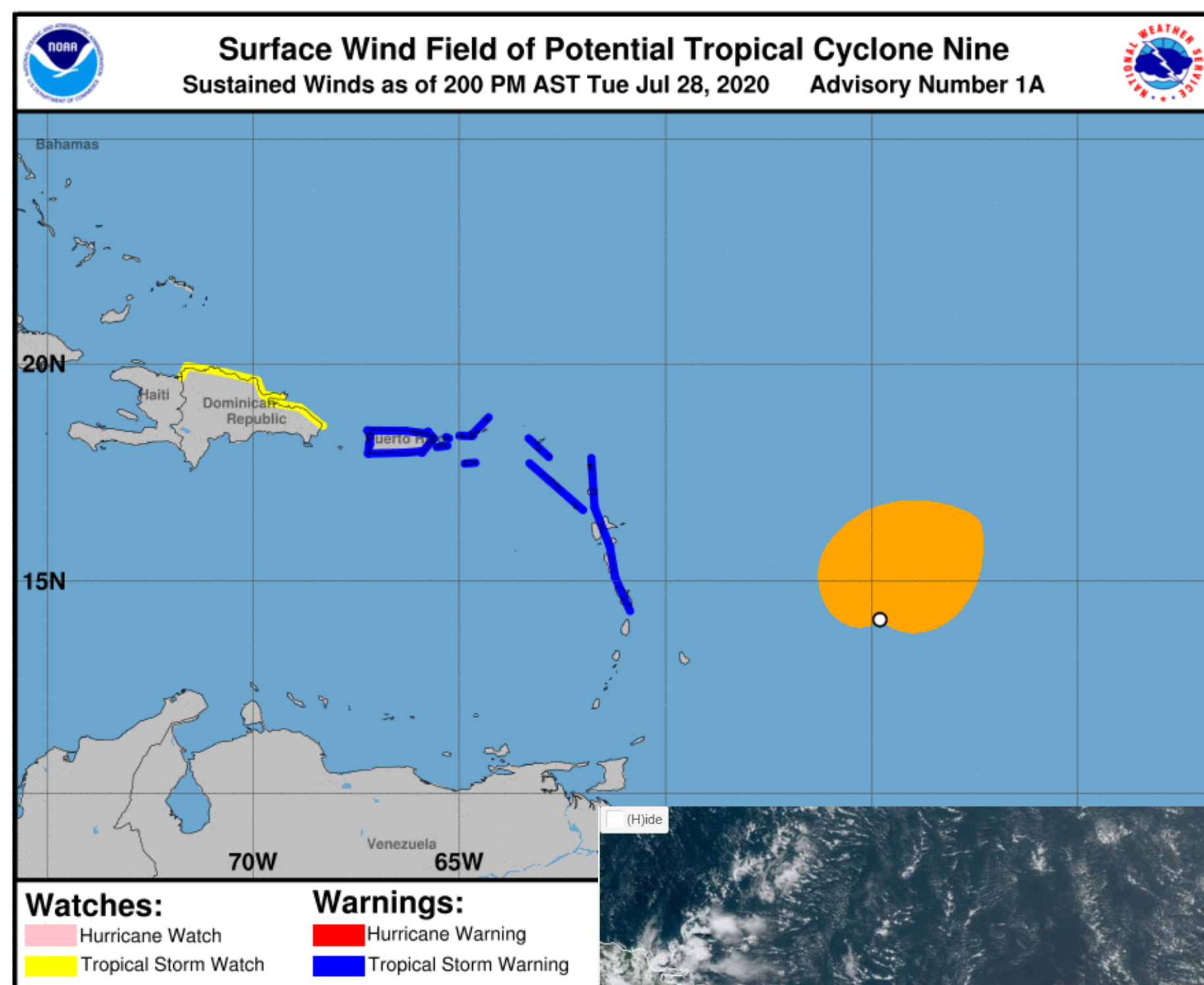
www.nhc.noaa.gov

# Situation Overview

## Potential Tropical Cyclone Nine



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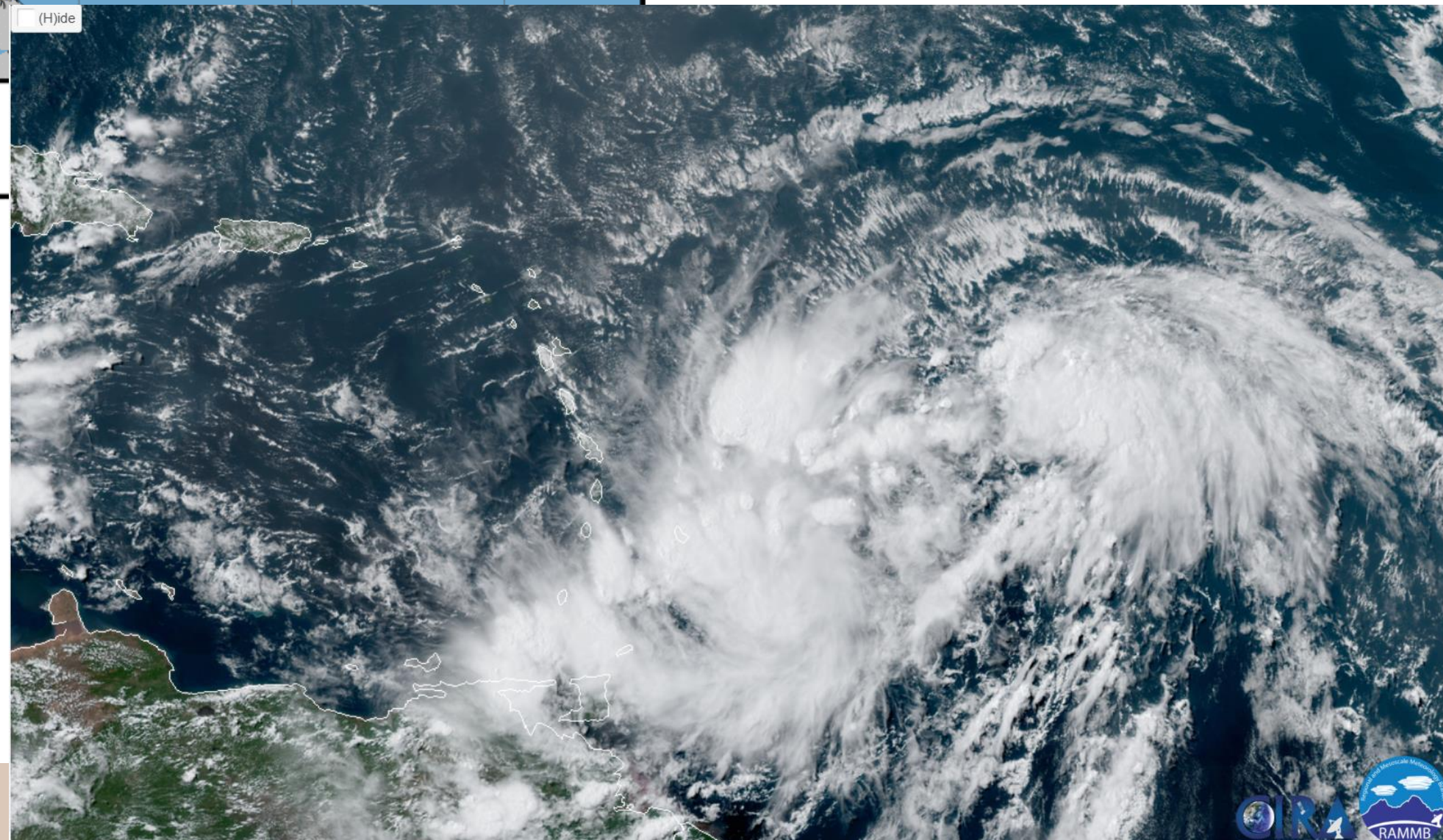


**...SYSTEM EXPECTED TO BRING  
HEAVY RAINFALL AND  
TROPICAL-STORM-CONDITIONS  
TO THE LEEWARD ISLANDS...**

### SUMMARY OF 200 PM AST INFORMATION

LOCATION... 14.1N 54.8W  
ABOUT 510 MI ESE OF LEEWARD  
ISLANDS  
MAXIMUM SUSTAINED WINDS... 35 KT  
PRESENT MOVEMENT... W OR 280  
DEGREES AT 20 KT

SIZE (in nautical miles):  
34 KT.....200NE 0SE 0SW 120NW

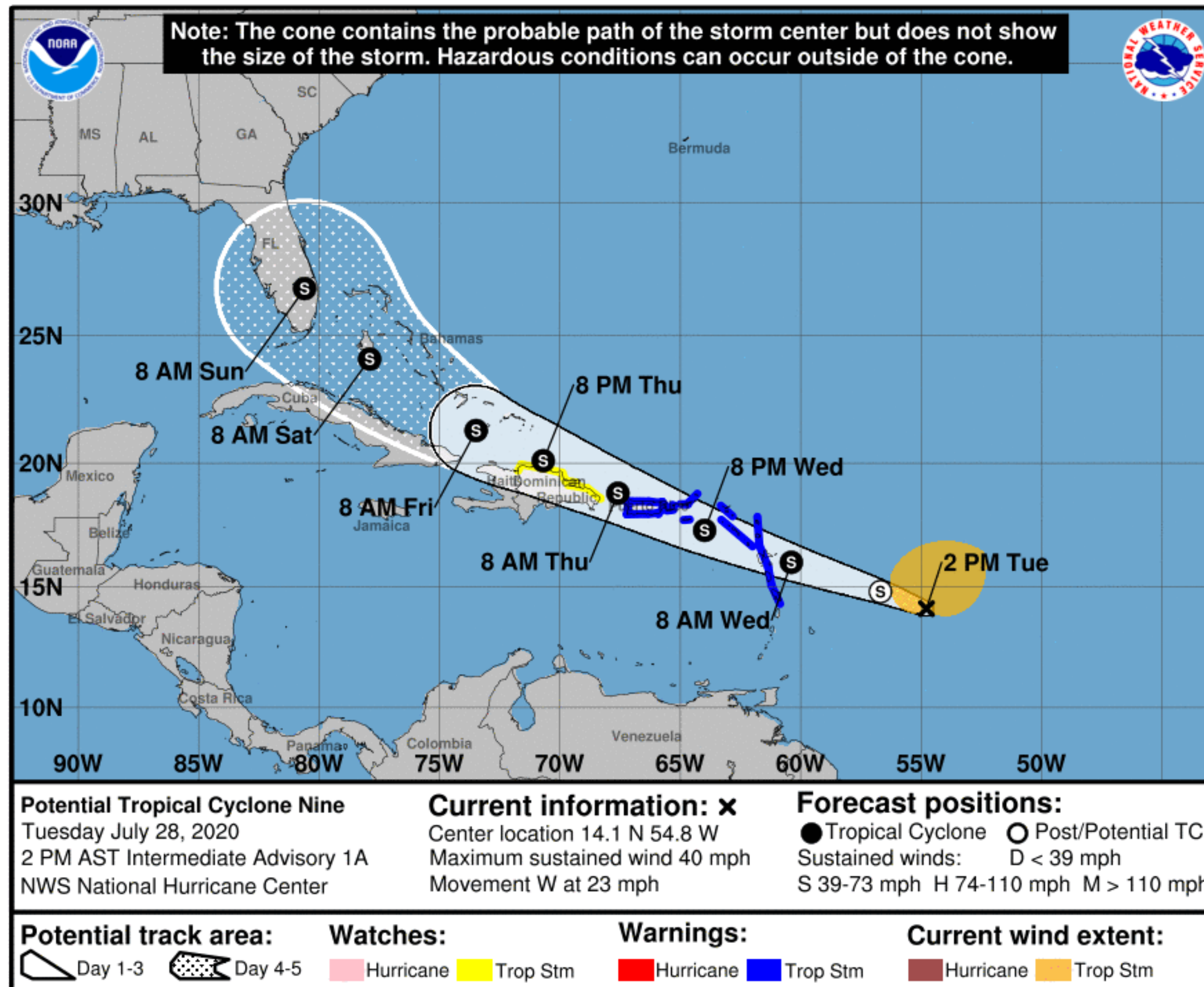


# Forecast Information

## Potential Tropical Cyclone Nine



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

- PTC Nine forecast to become a Tropical Storm tonight or Wednesday moving W-NW. Near or over Puerto Rico / VI Wednesday through early Thursday as a Tropical Storm.
- In the vicinity of the Bahamas and Florida peninsula this weekend.
- Current center forecast positions through the next 5 days (if applicable) illustrated by dots
- White swath of potential track is average track error added to each side of the forecast track through day 3
- Hatched swath of potential track is average track error added to each side of the forecast track days 4-5

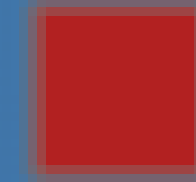
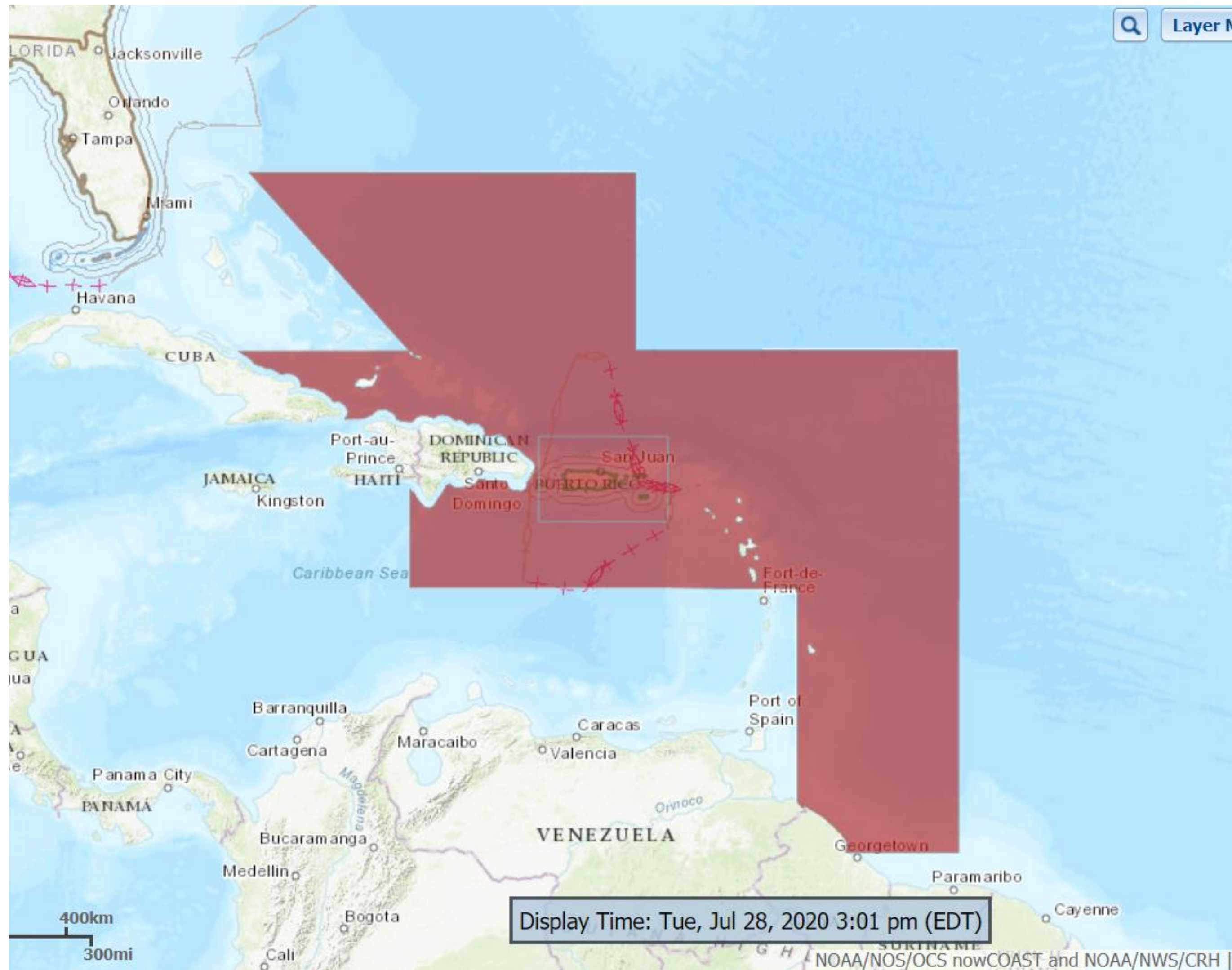
\*\* Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

# Hazards Map

## Potential Tropical Cyclone Nine



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Tropical Storm Warning

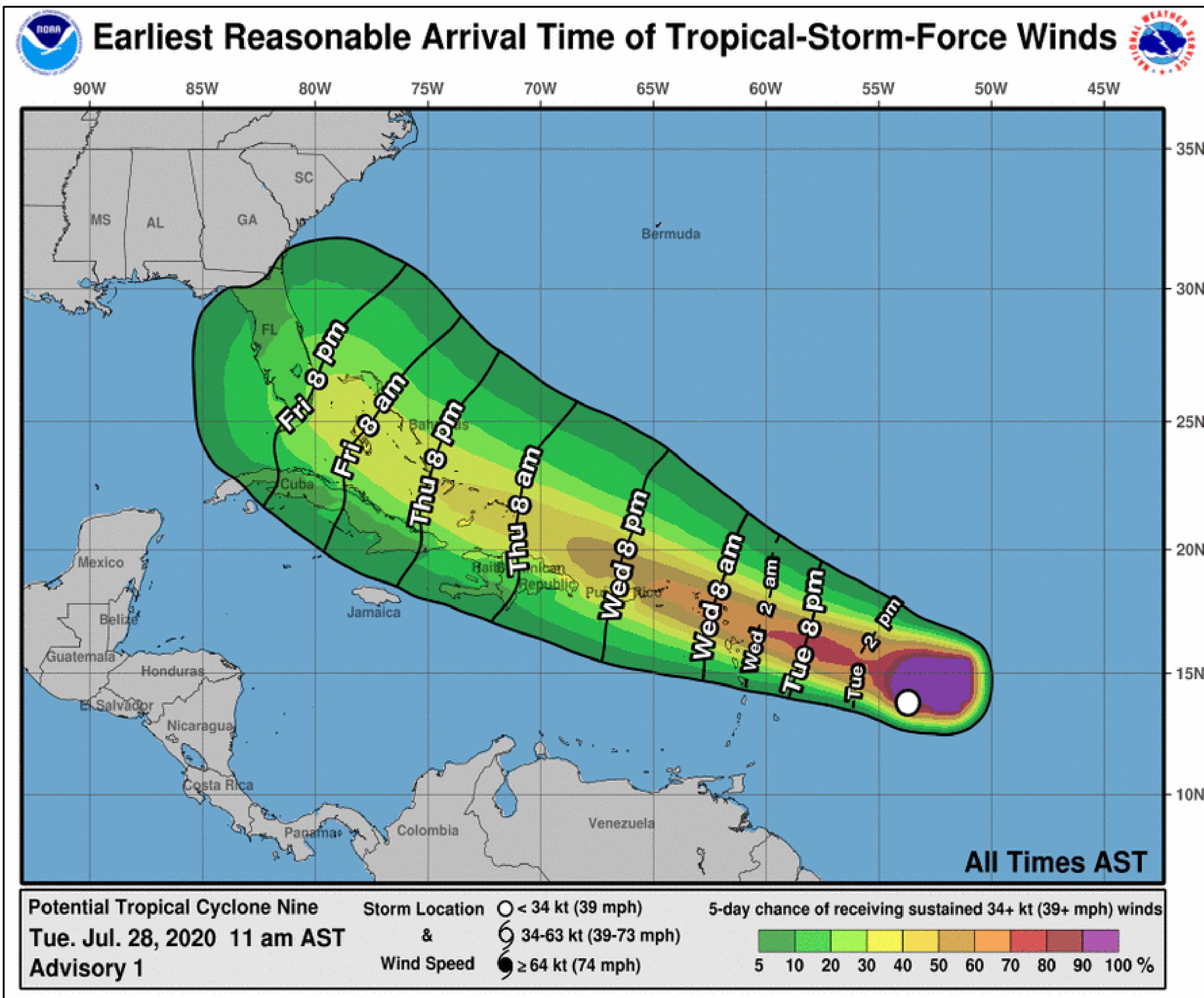
- <https://nowcoast.noaa.gov/>

# Earliest Reasonable Time of Arrival

## Potential Tropical Cyclone Nine



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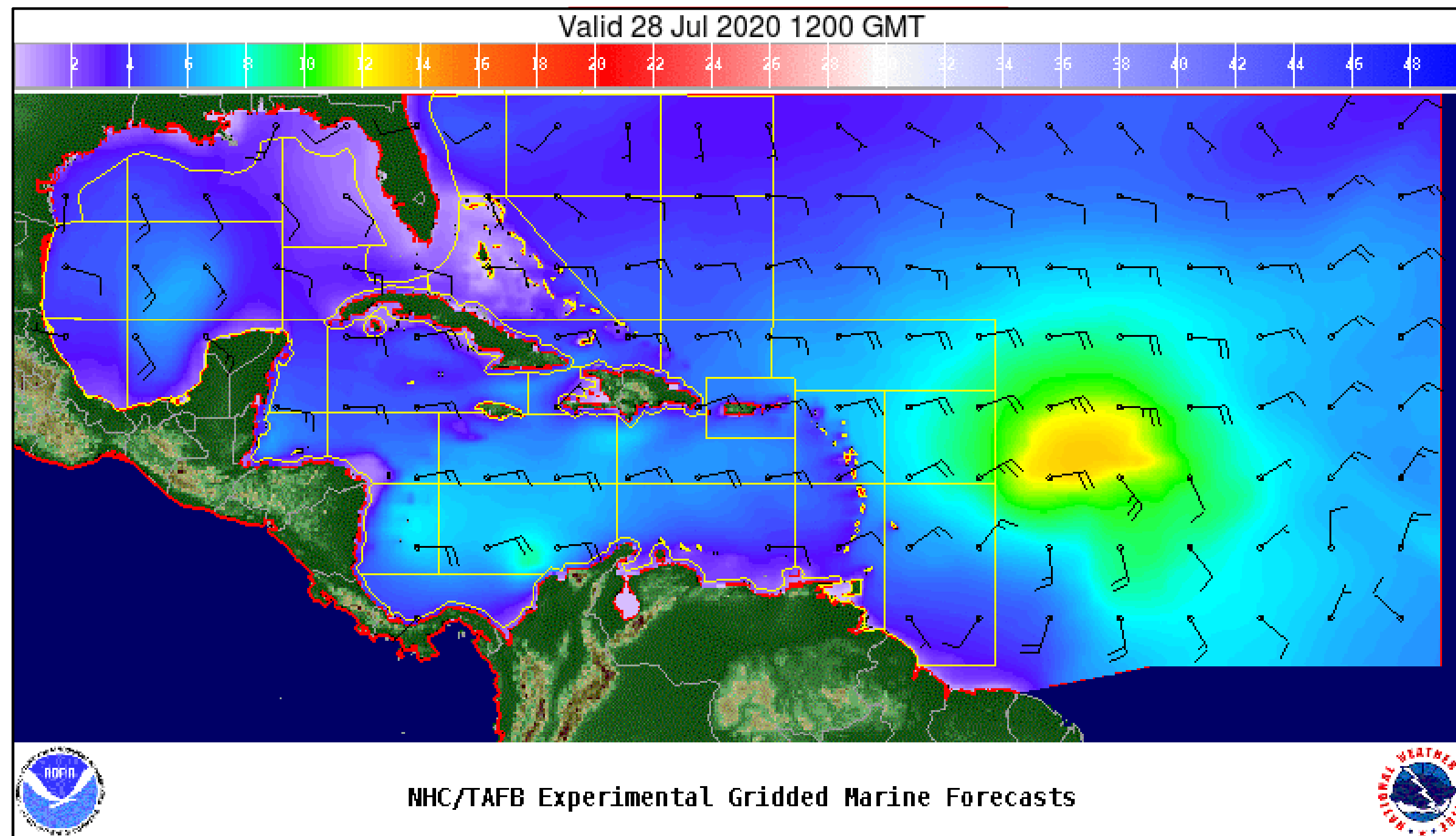
- Time of Arrival and Tropical Storm Force Wind Probabilities Through 120 hours
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange 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

## Potential Tropical Cyclone Nine



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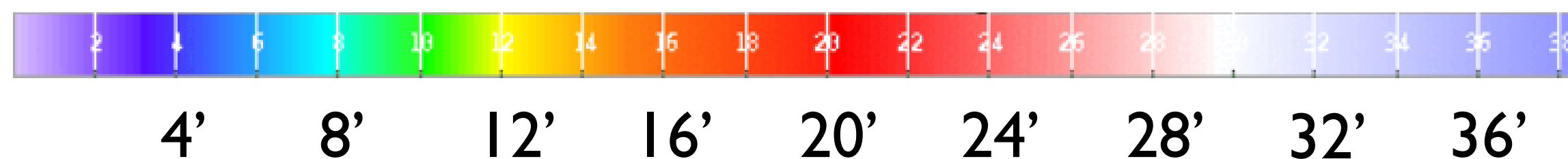
### Current Conditions

8am Tuesday, July 28<sup>th</sup>, 2020

Peak Winds: 35 kt

Peak Seas: 15 ft

- Wave heights are in feet

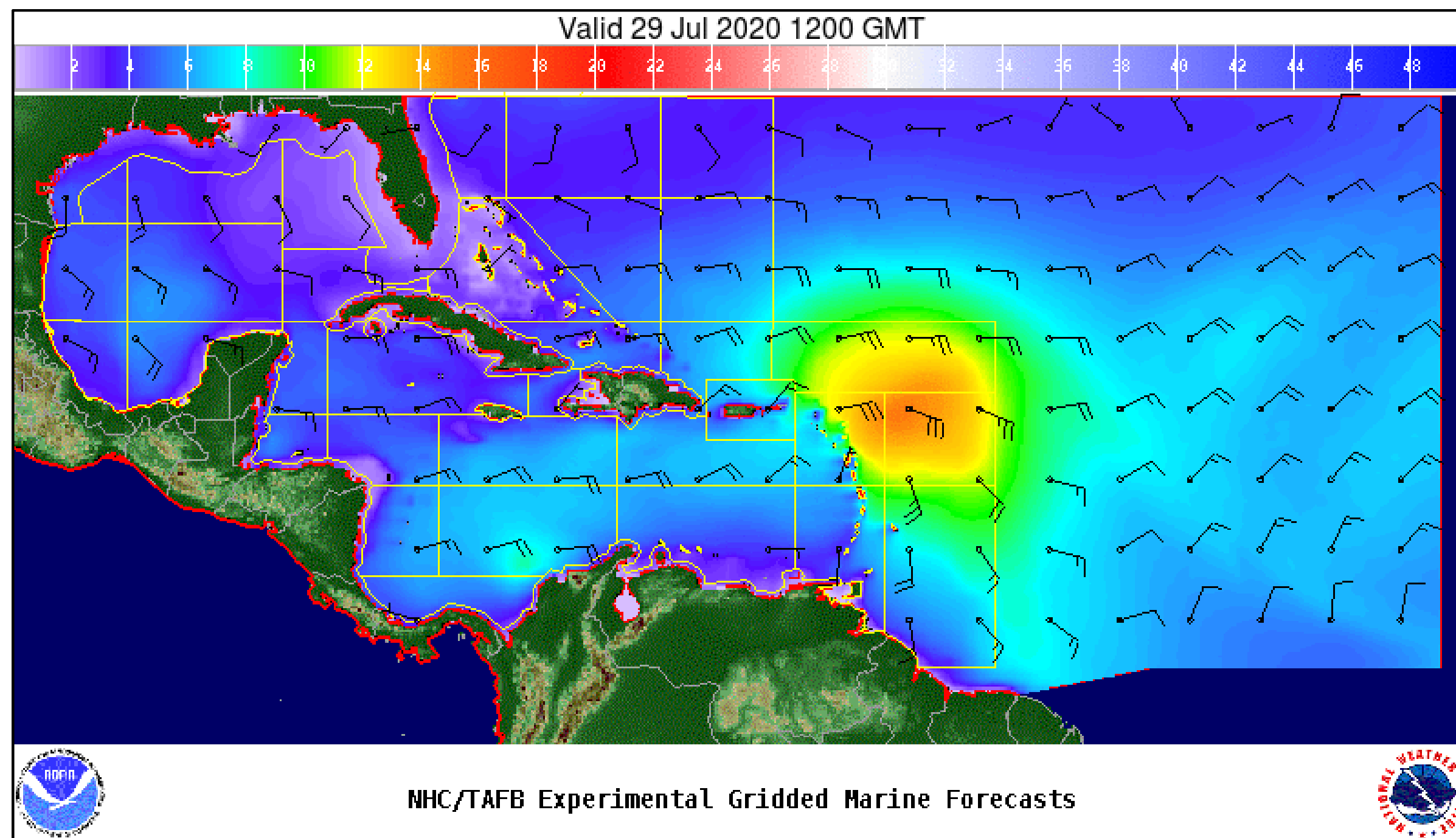


# Wind And Waves

## Potential Tropical Cyclone Nine



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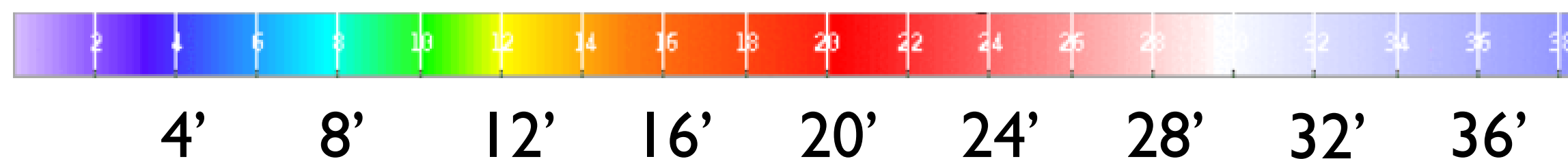
### 24 Hour Forecast

8am Wednesday, July 29<sup>th</sup>, 2020

Peak Winds: 40 kt

Peak Seas: 16 ft

- Wave heights are in feet

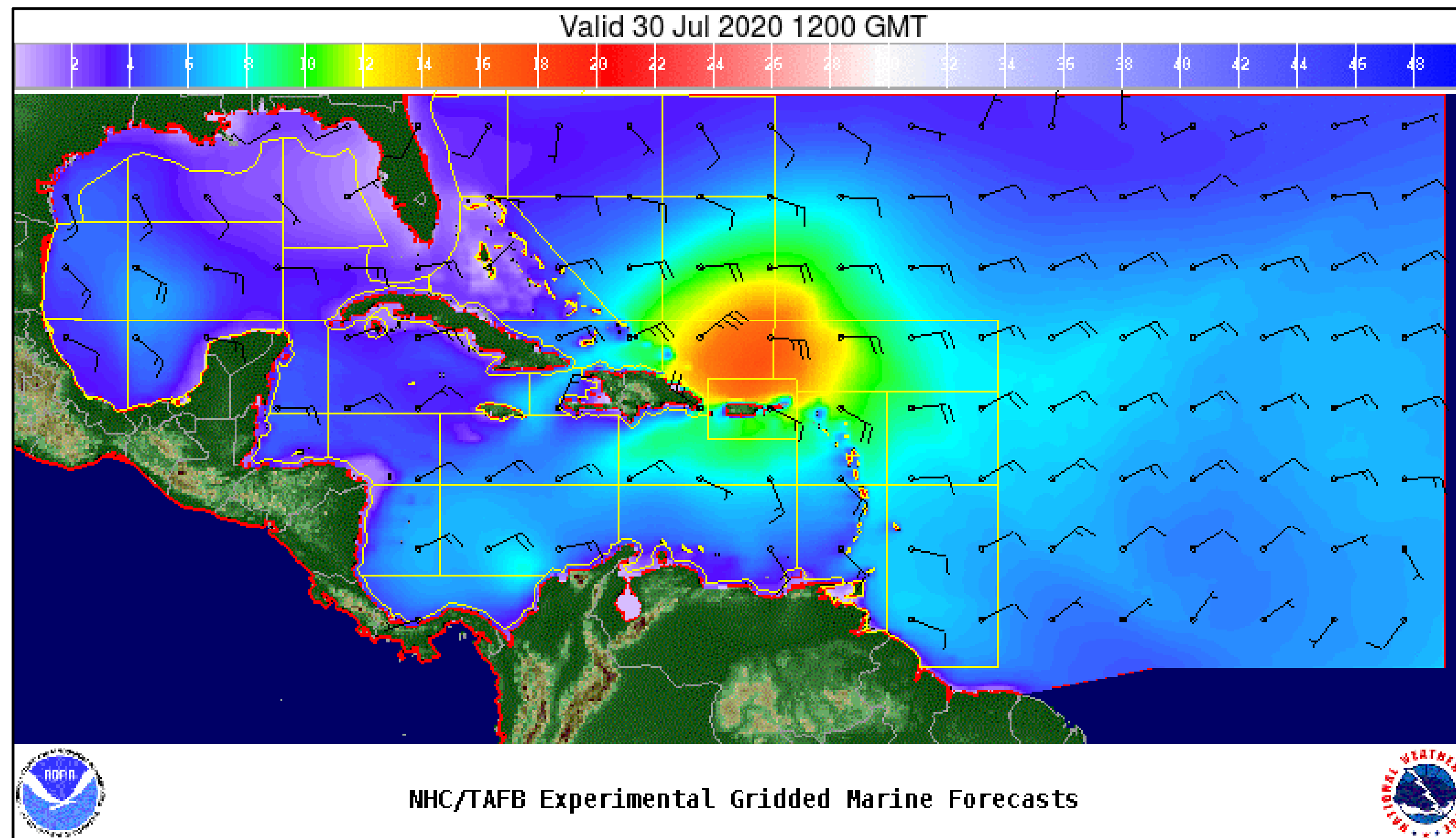


# Wind And Waves

## Potential Tropical Cyclone Nine



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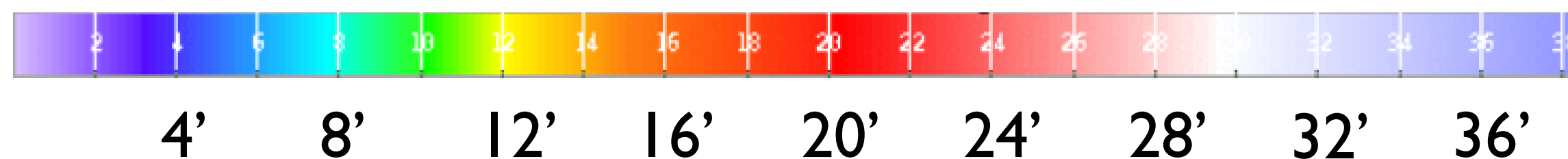
### 48 Hour Forecast

8am Thursday, July 30<sup>th</sup>, 2020

Peak Winds: 50 kt

Peak Seas: 17 ft

- Wave heights are in feet

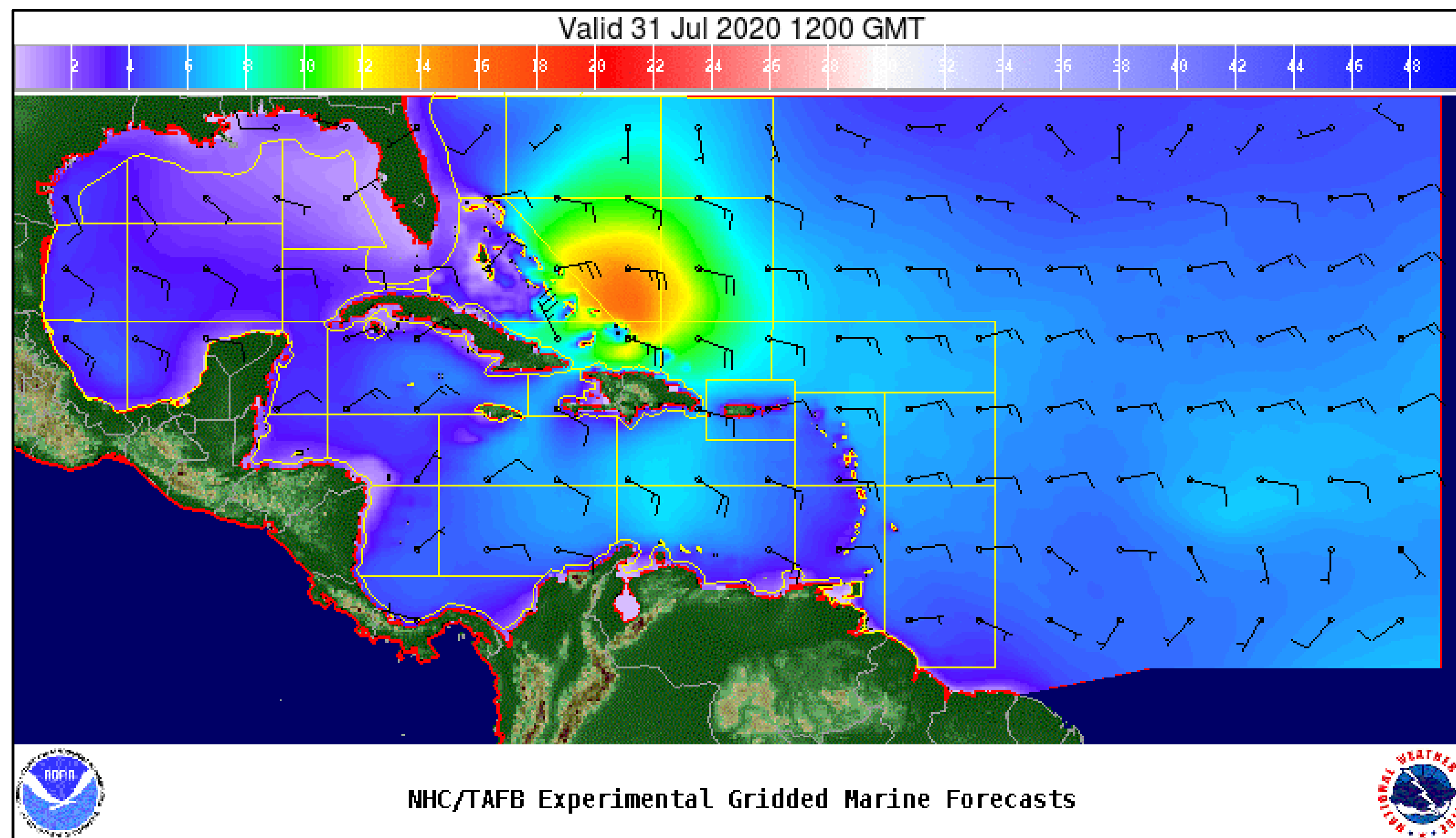


# Wind And Waves

## Potential Tropical Cyclone Nine



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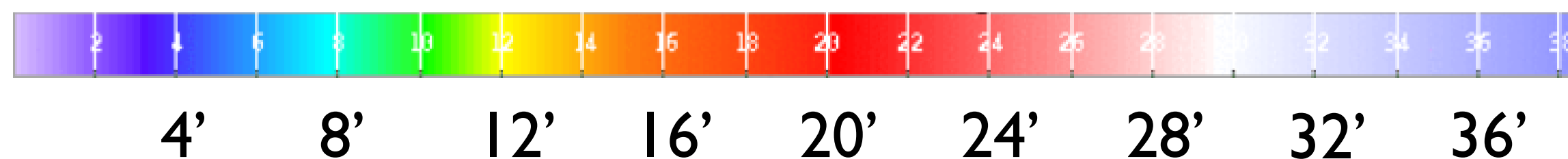
### 72 Hour Forecast

8am Friday, July 31<sup>st</sup>, 2020

Peak Winds: 50 kt

Peak Seas: 18 ft

- Wave heights are in feet



# Storm Surge Potential

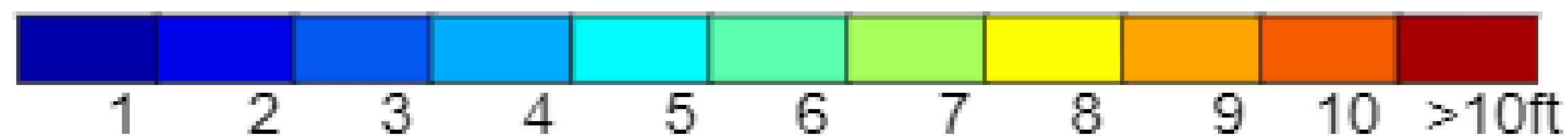
Potential Tropical Cyclone Nine



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Directional (SLOSH MEOW) Storm Surge Inundation Height Above Ground



 Leveed Area (consult local officials for flood risk)

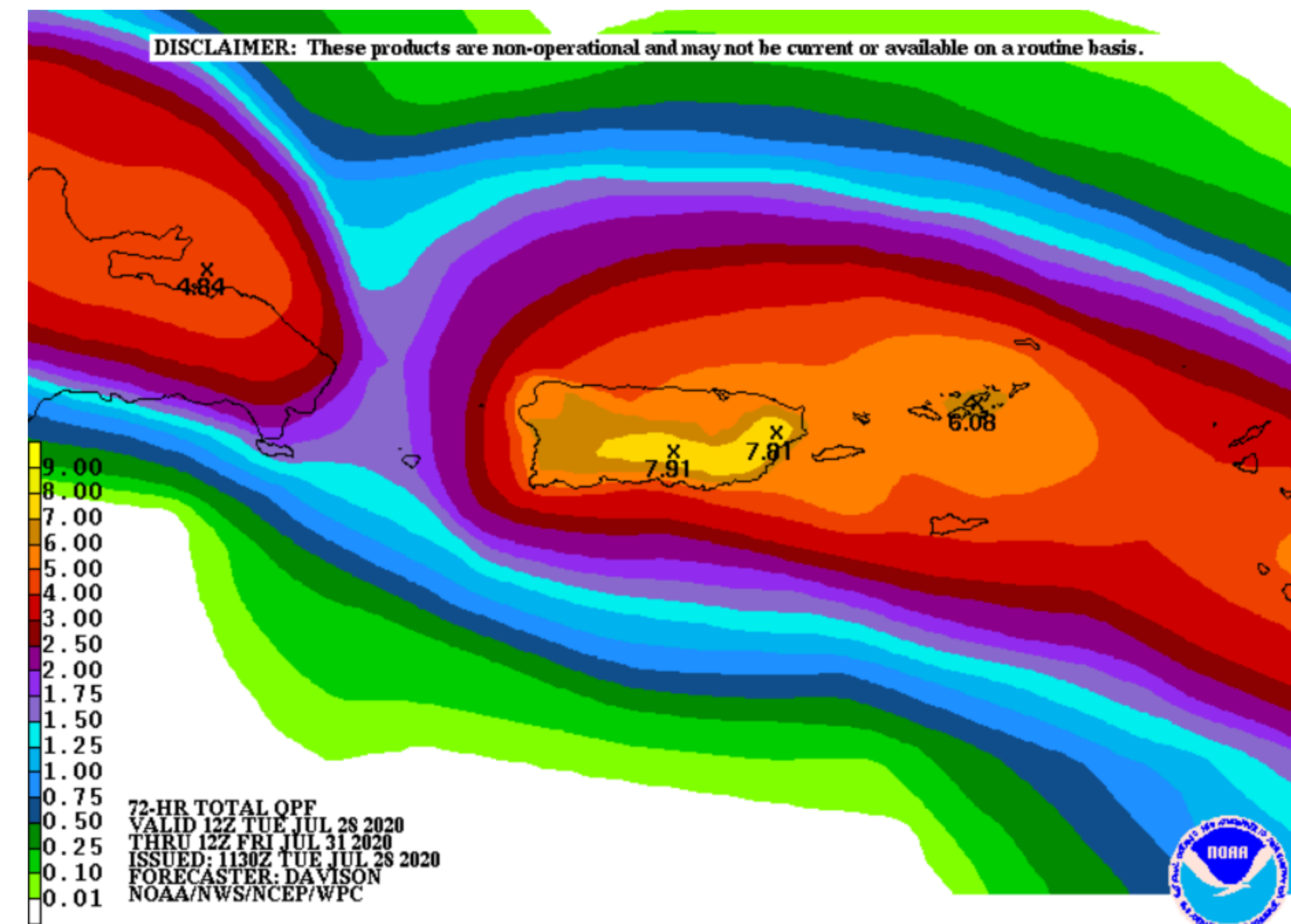
# Expected Storm Total Rainfall

Potential Tropical Cyclone Nine



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DISCLAIMER: These products are non-operational and may not be current or available on a routine basis.



72 HR QPF FROM 1200Z 20200728

Refer to map legend for Valid Time

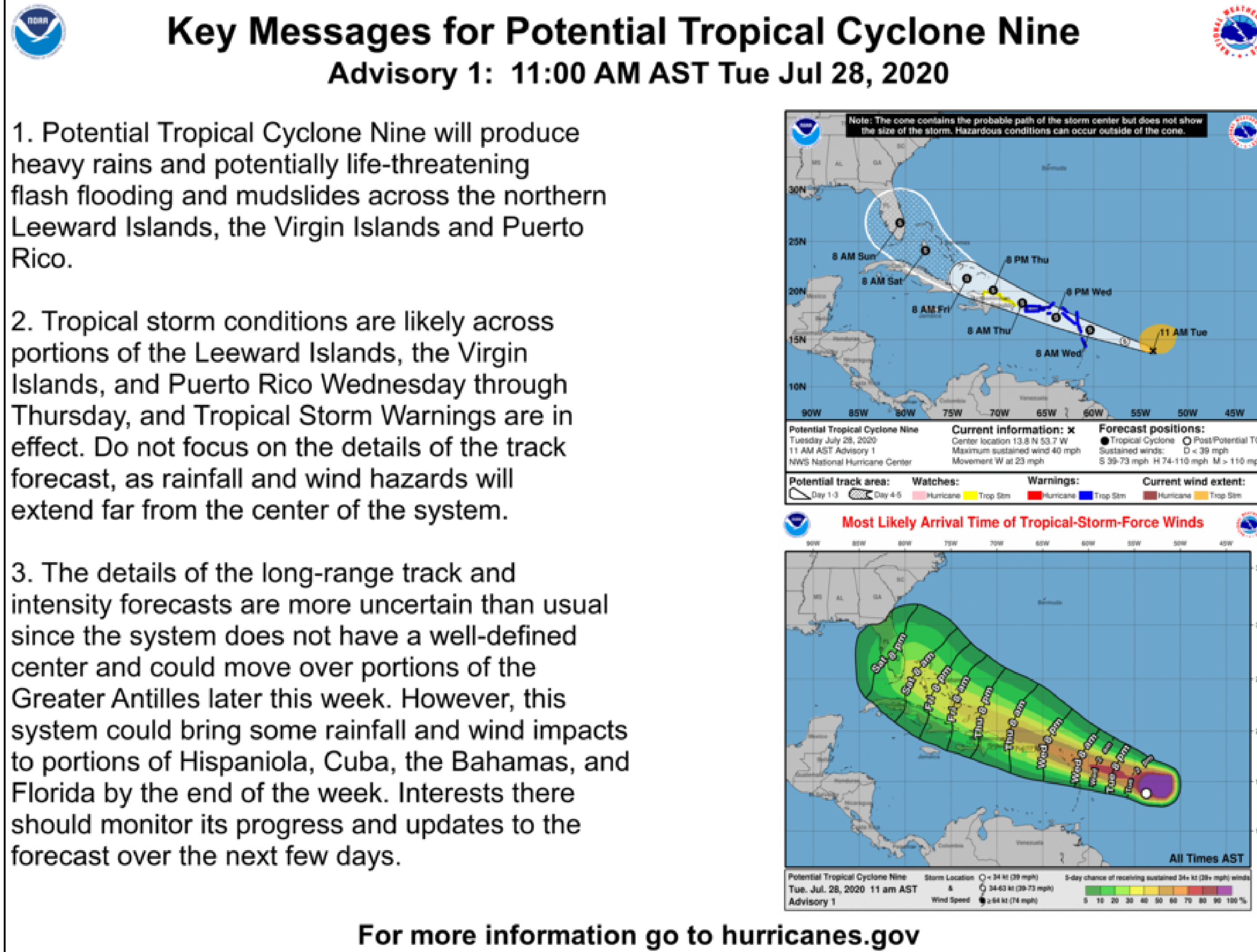
- 72 hour Total rainfall from 8 AM Tuesday, July 28<sup>th</sup> through 8 AM Friday, July 31<sup>st</sup>

# Key Messages

## Potential Tropical Cyclone Nine



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## Marine Key Messages:

- Seas peaking at 15 ft today
- Building to 18 ft by 8 AM Friday
- Expected to become a Tropical Storm Tonight or on Wednesday
- Gradually increasing winds to 50 kt by 8 AM Thursday then steady (where the center forms and interaction between land will impact)



# POTENTIAL TROPICAL CYCLONE NINE BRIEFING

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

*The Next Briefing Will Be:  
Wednesday at 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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