

IMPACTS FOR D7 waters (through next 5 days)

Winds – MODERATE

Storm Surge – LOW

Rainfall/Flash Flooding – HIGH

Tornadoes – LOW

Waves - MODERATE

POTENTIAL TROPICAL CYCLONE NINE BRIEFING

8:15 AM EDT

Wednesday, July 29, 2020

Prepared by:

Brad Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

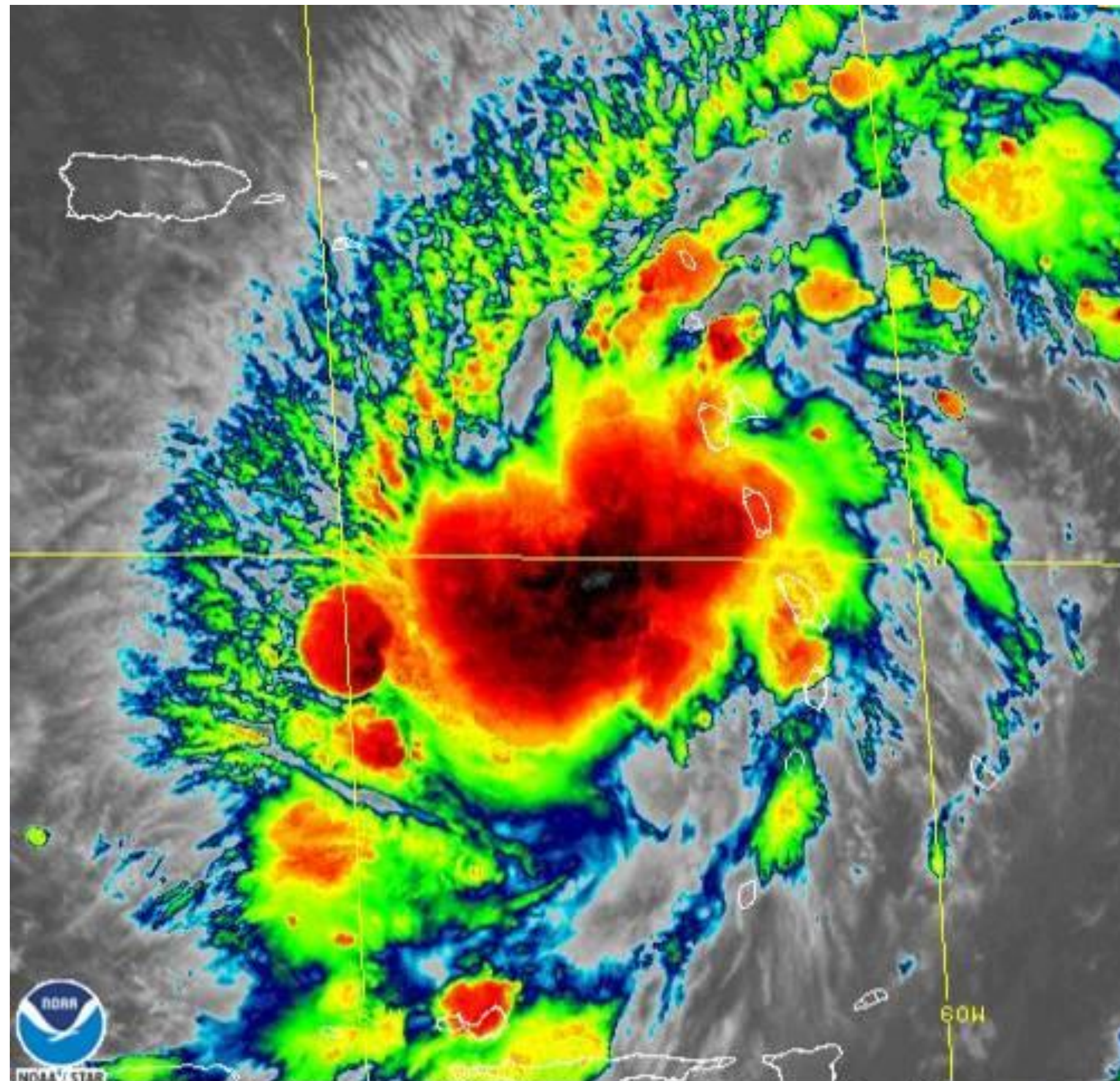


Situation Overview

Potential Tropical Cyclone Nine



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29 Jul 2020 10:30Z NESDIS/STAR GOES-East Band 13

Tropical Storm Warning in effect for...

- NE Caribbean and SW N Atlantic offshore waters

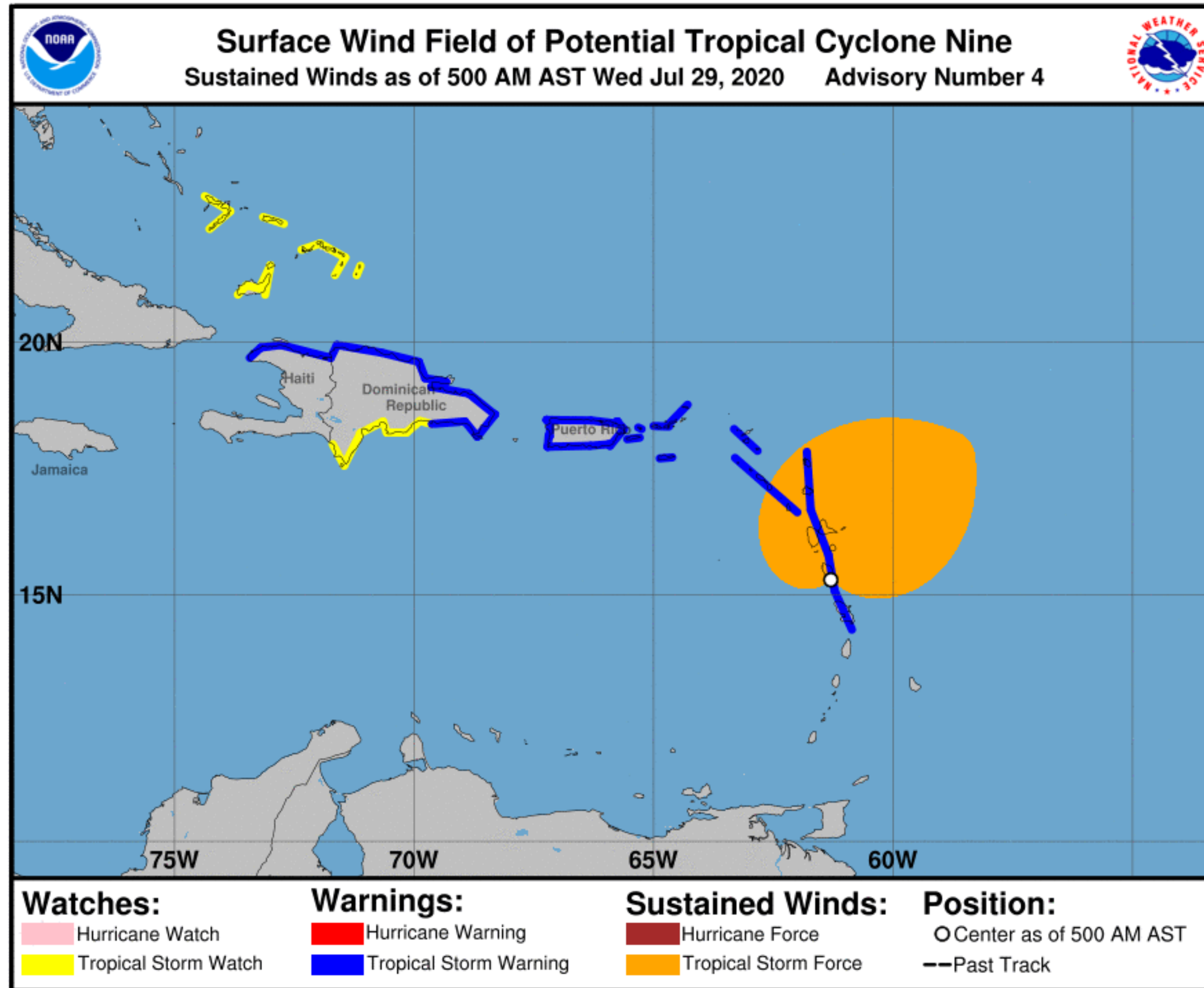


Situation Overview

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**...HEAVY RAINFALL AND GUSTY WINDS
LIKELY OVER PORTIONS OF THE LEEWARD
ISLANDS THROUGH TONIGHT...**

500 AM EDT...0900 UTC Advisory

Location...15.3N 61.3W

About 5 nm...S of Dominica

About 385 nm...ESE of San Juan, Puerto Rico

Maximum Sustained Winds...40 kt

Present Movement...WNW at 20 kt

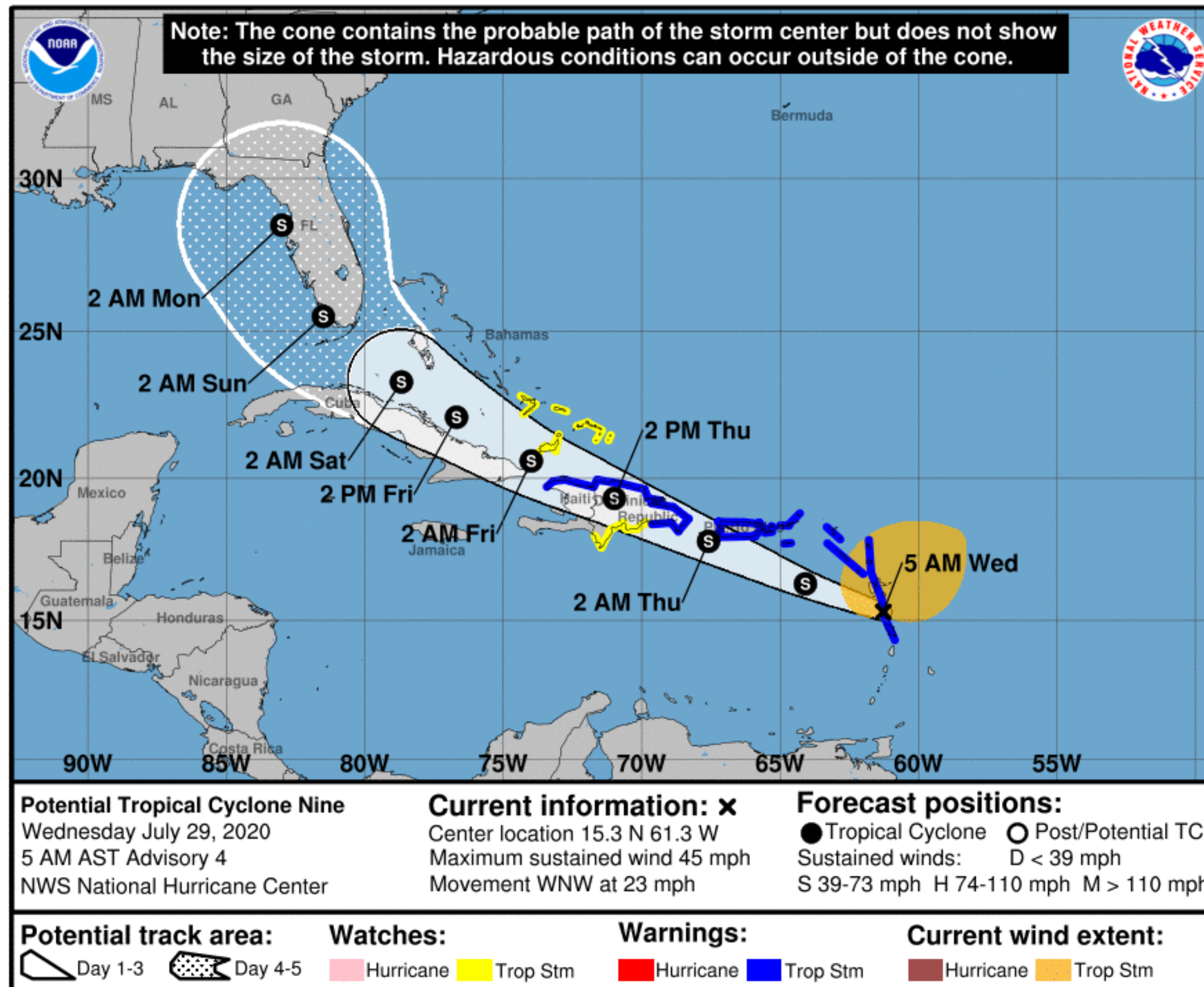
Minimum Central Pressure...1005 mb (29.68 in)

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.

- The center of PTC Nine will move near or over the U.S. Virgin Islands and Puerto Rico tonight, near or over Hispaniola on Thu, and near or over the SE Bahamas on Fri.
- There is above average uncertainty in the forecast track and intensity until a true center forms.
- Some strengthening is forecast today, with weakening likely on Thu due to land interaction, followed by possible strengthening again late this week.

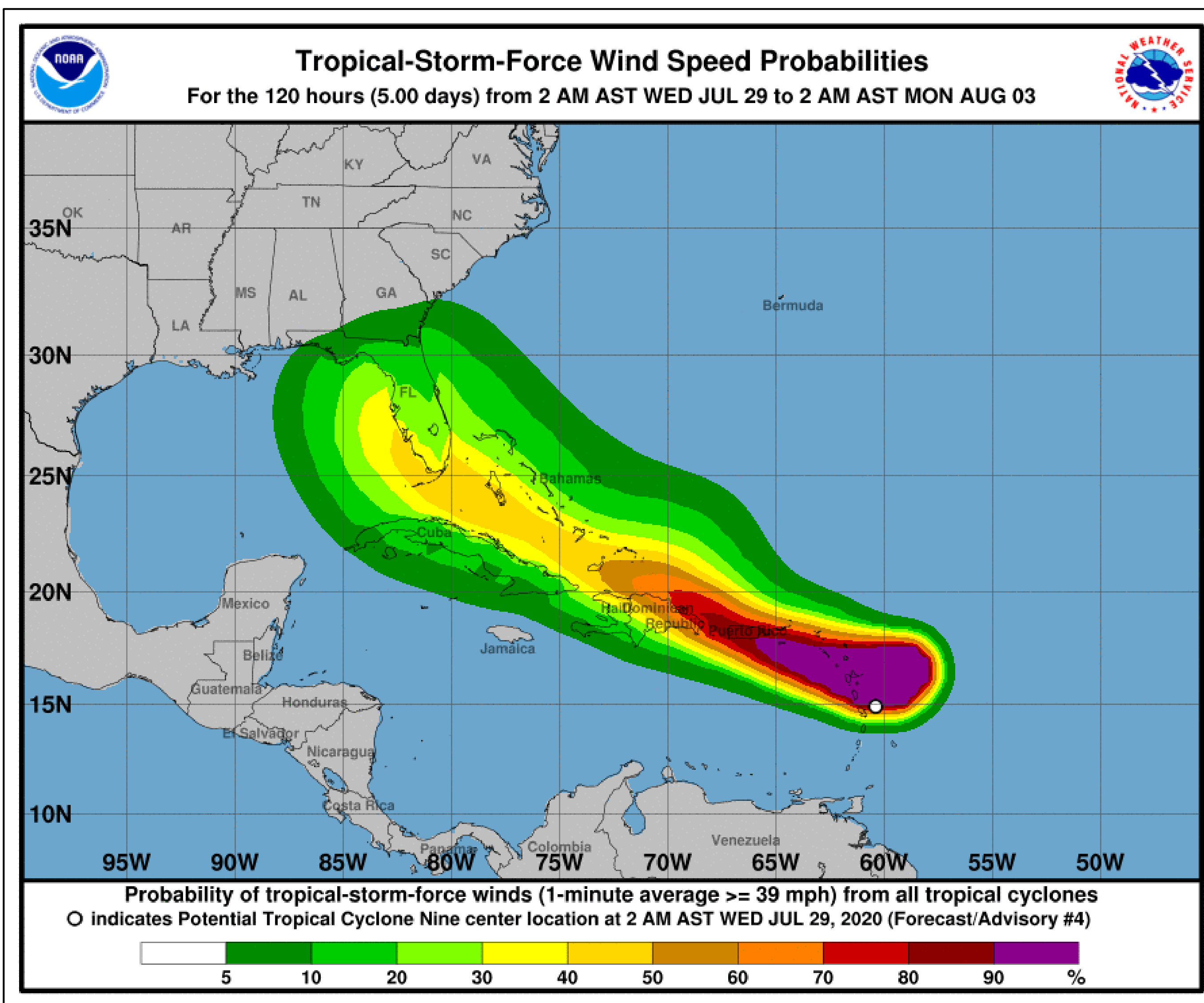
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

T.S. Wind Speed Probabilities

Potential Tropical Cyclone Nine



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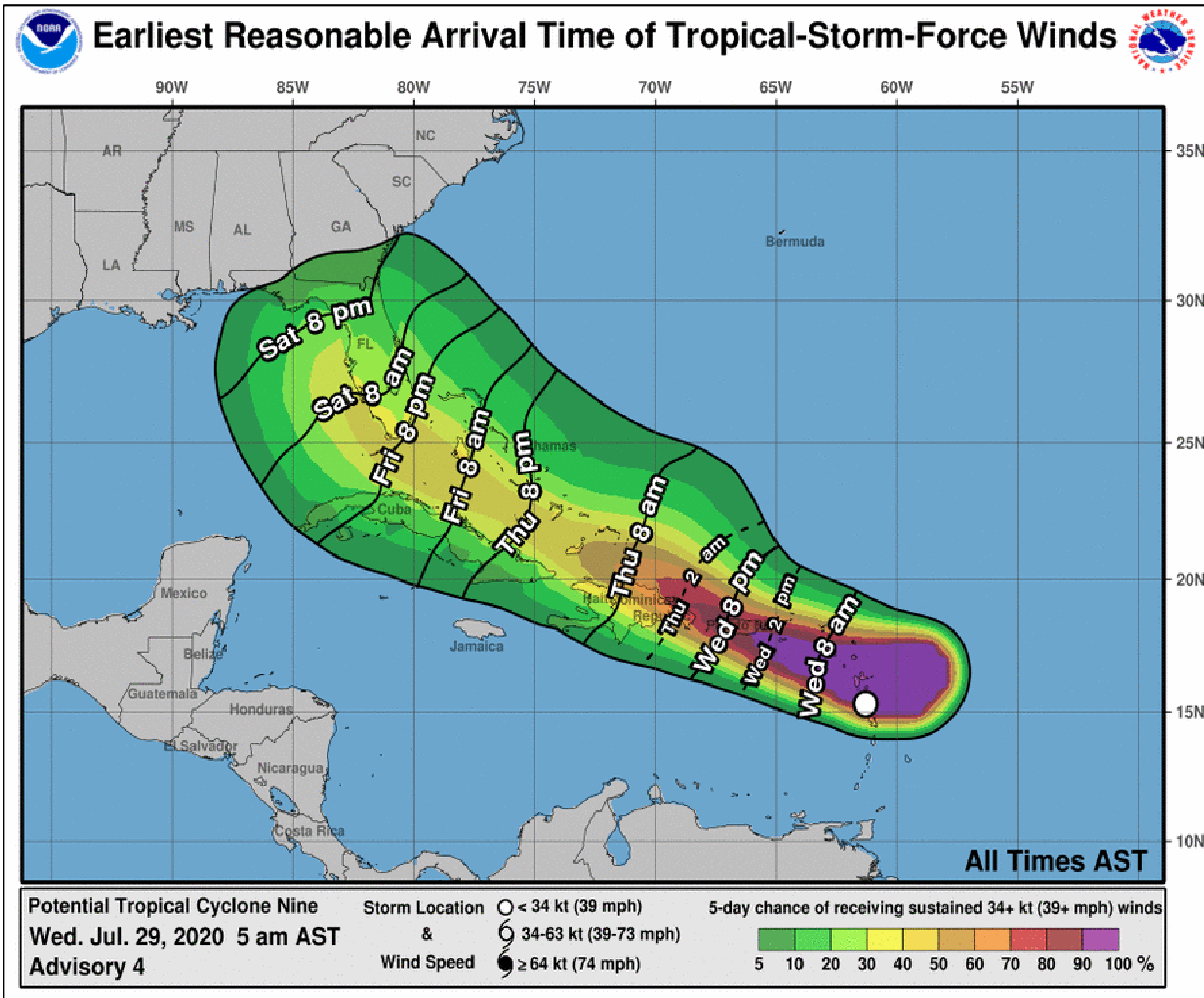
- Tropical-storm-force winds are expected over the Virgin Islands and Puerto Rico.
- Tropical-storm-force winds are likely for the southeastern Bahamas.
- Increasing chances of tropical-storm-force winds for locations in South Florida, including the Florida Keys.
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.

Earliest Reasonable Time of Arrival



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Potential Tropical Cyclone Nine



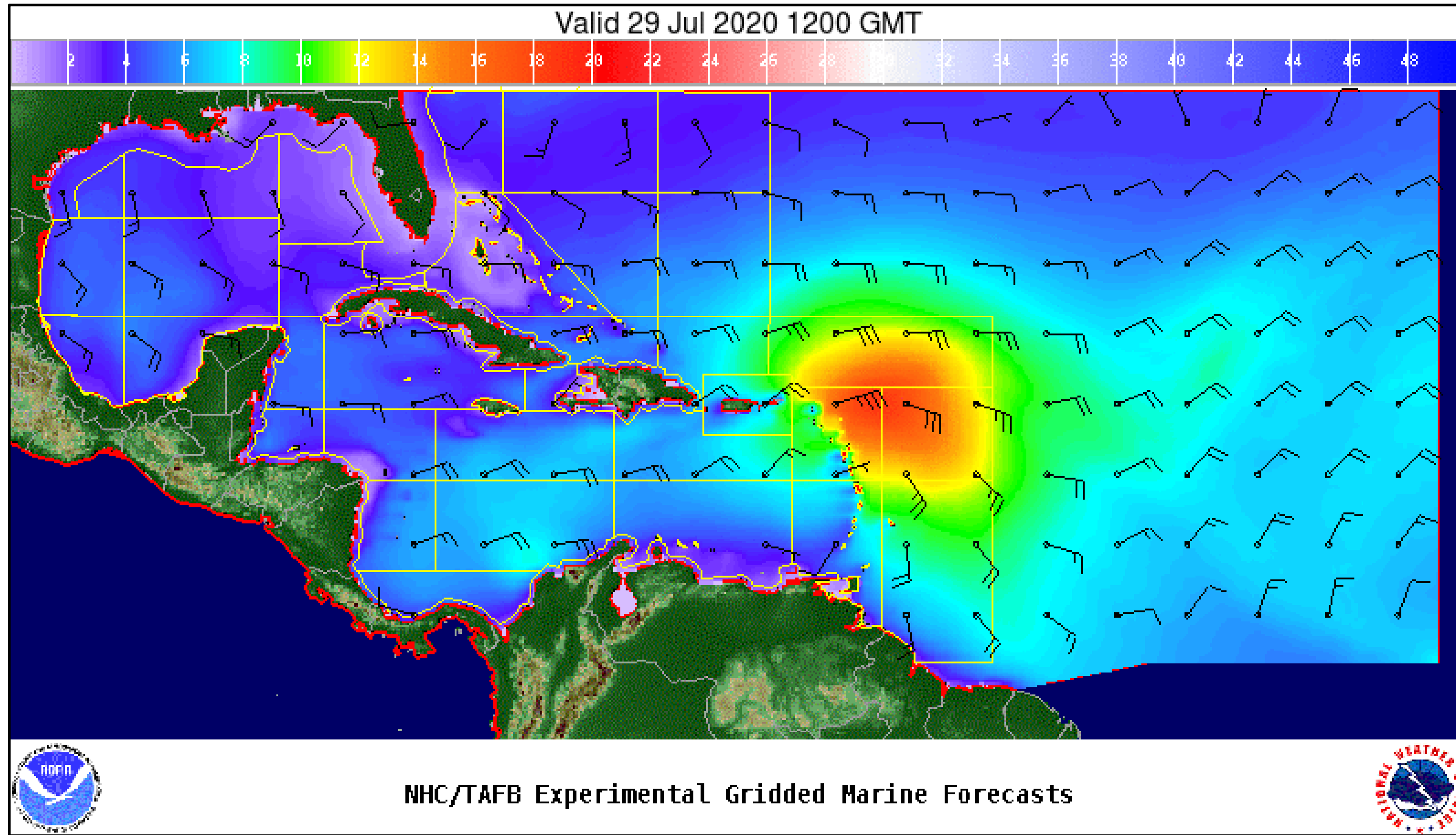
- Tropical-storm-force winds expected for the Virgin Islands and Puerto Rico this afternoon
- Tropical-storm-force winds could reach the Southeastern Bahamas by late Thu afternoon and locations in South Florida by Fri night.
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.

Wind And Waves

Potential Tropical Cyclone Nine



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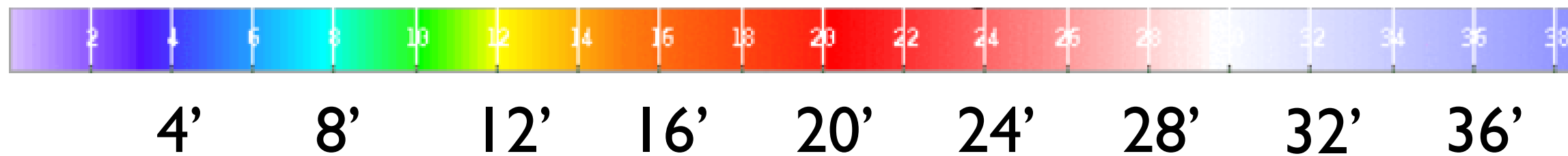
Current Conditions

8 AM EDT Wed, Jul 29

Peak Winds: 40 kt

Peak Seas: 18 ft

- Wave heights are in feet

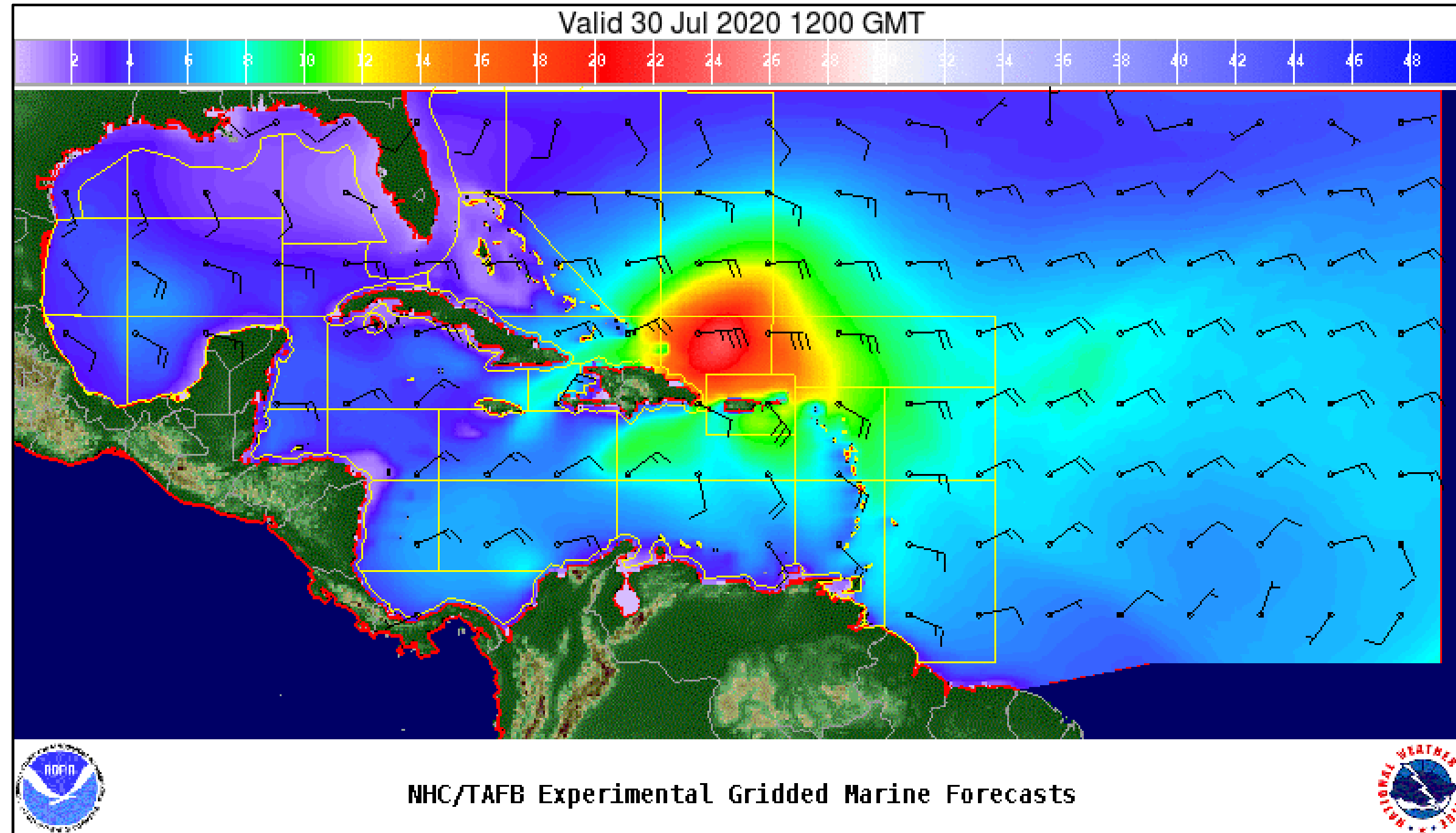


Wind And Waves

Potential Tropical Cyclone Nine

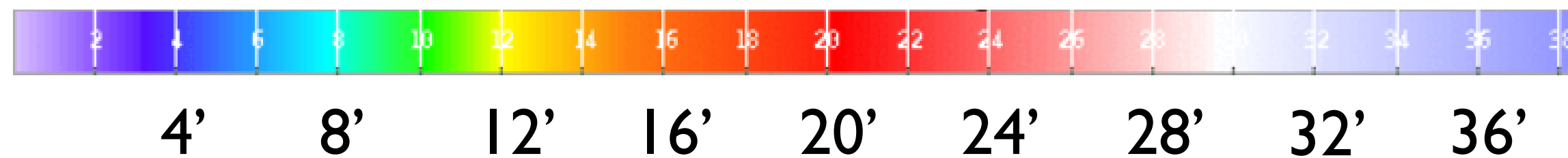


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24 Hour Forecast
8 AM EDT Thu, Jul 30
Peak Winds: 50 kt
Peak Seas: 20-24 ft

- Wave heights are in feet

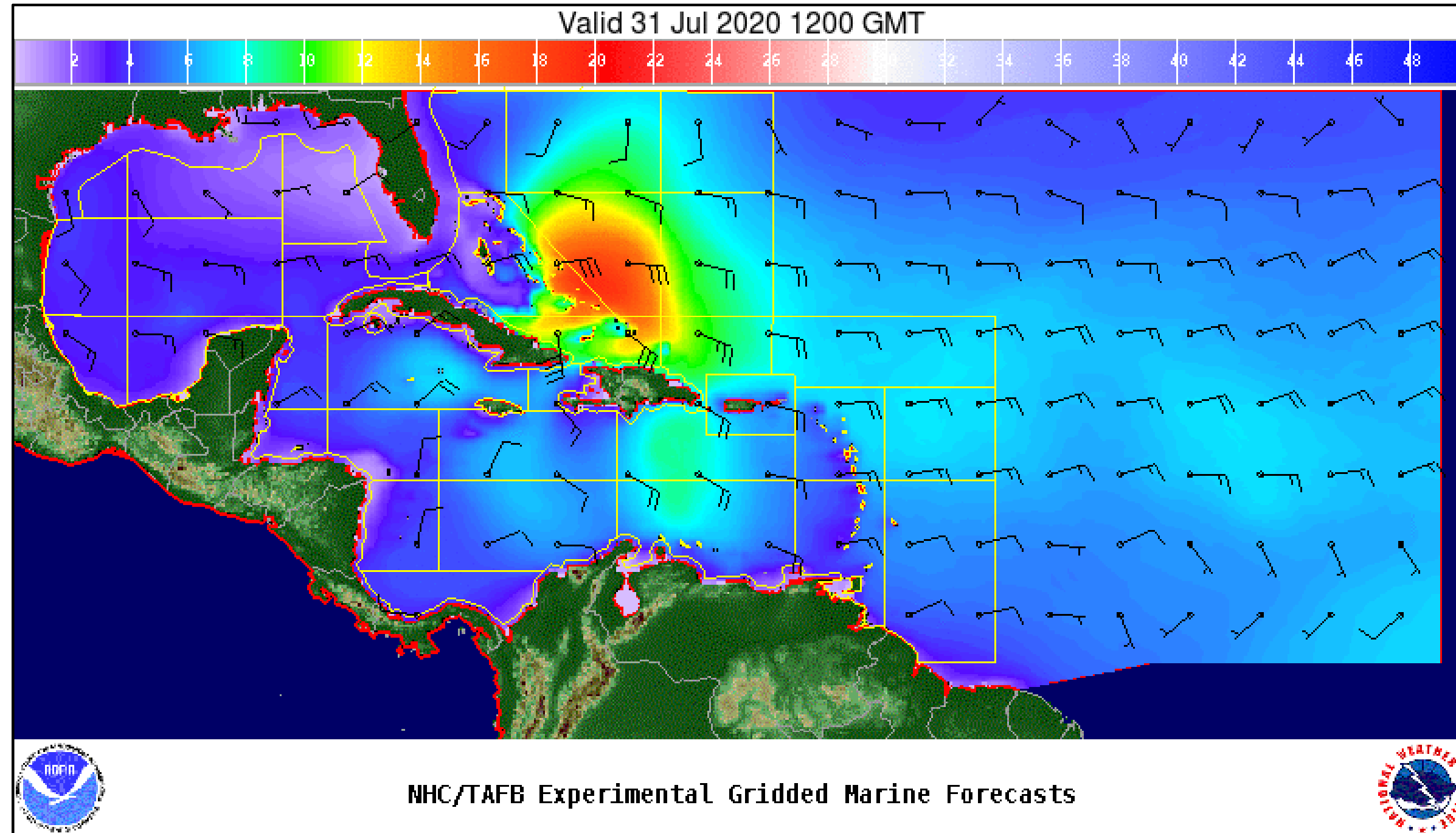


Wind And Waves

Potential Tropical Cyclone Nine



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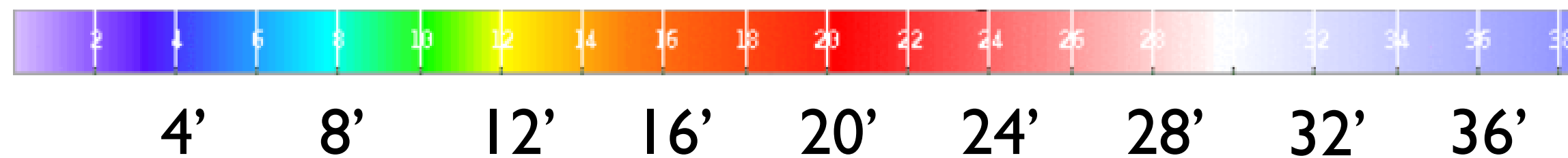
48 Hour Forecast

8 AM EDT Fri, Jul 31

Peak Winds: 40 kt

Peak Seas: 16-20 ft

- Wave heights are in feet

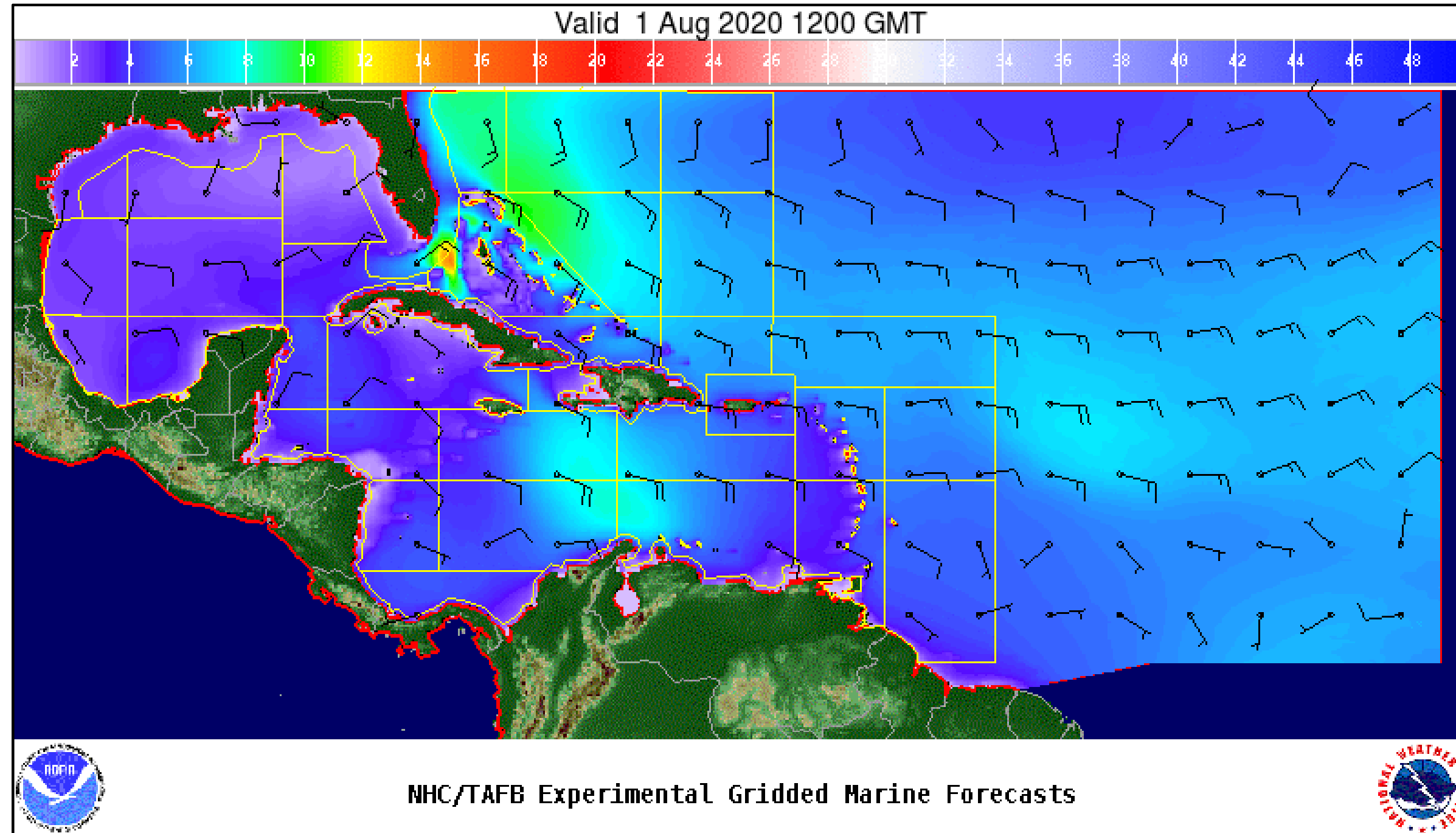


Wind And Waves

Potential Tropical Cyclone Nine



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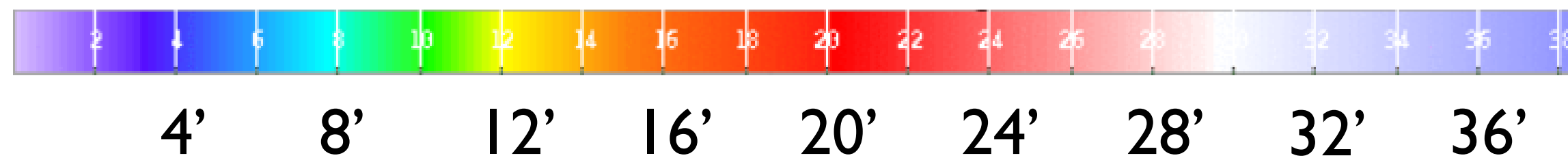
72 Hour Forecast

8 AM EDT Sat, Aug 1

Peak Winds: 50 kt

Peak Seas: 12-16 ft

- Wave heights are in feet



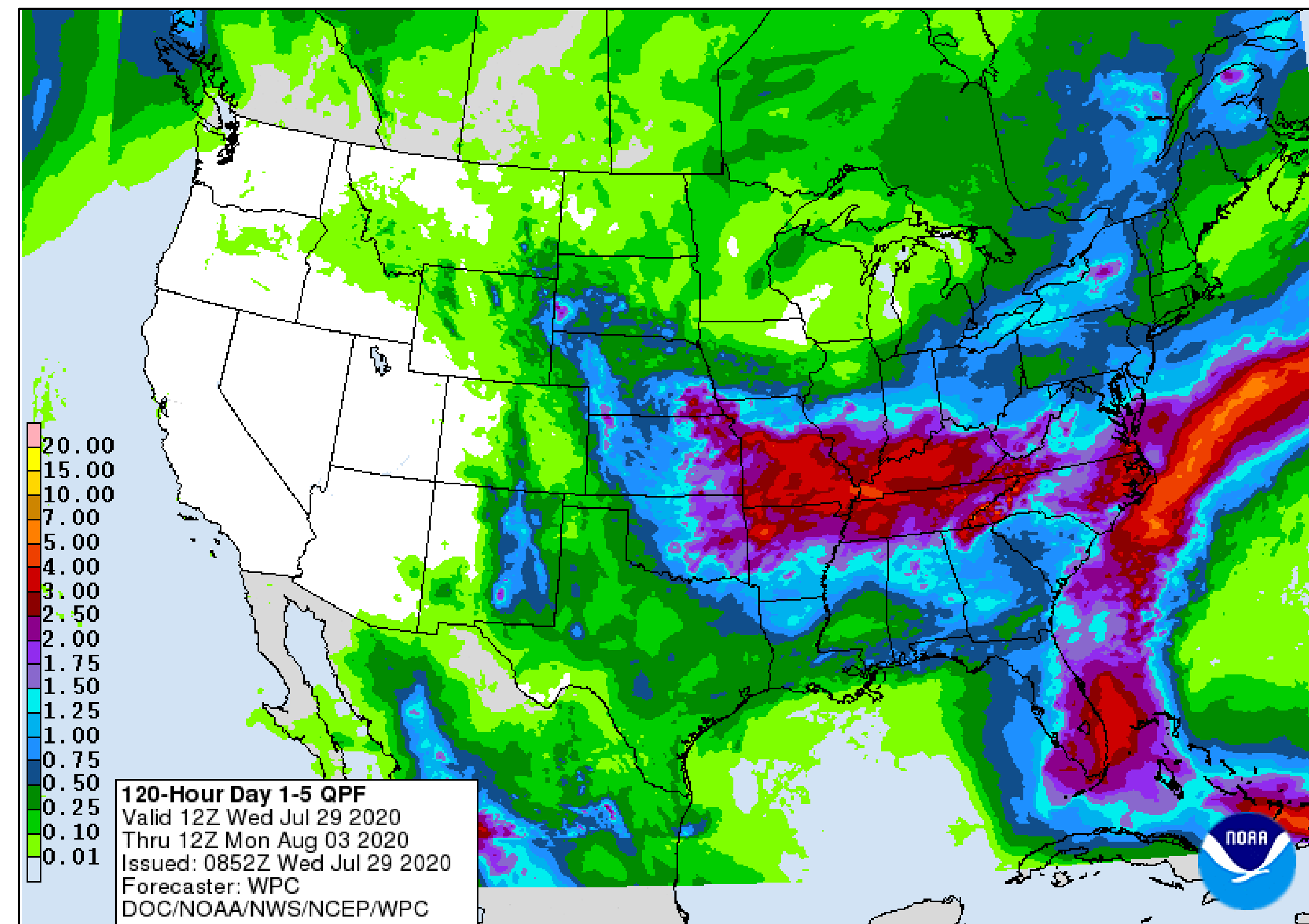
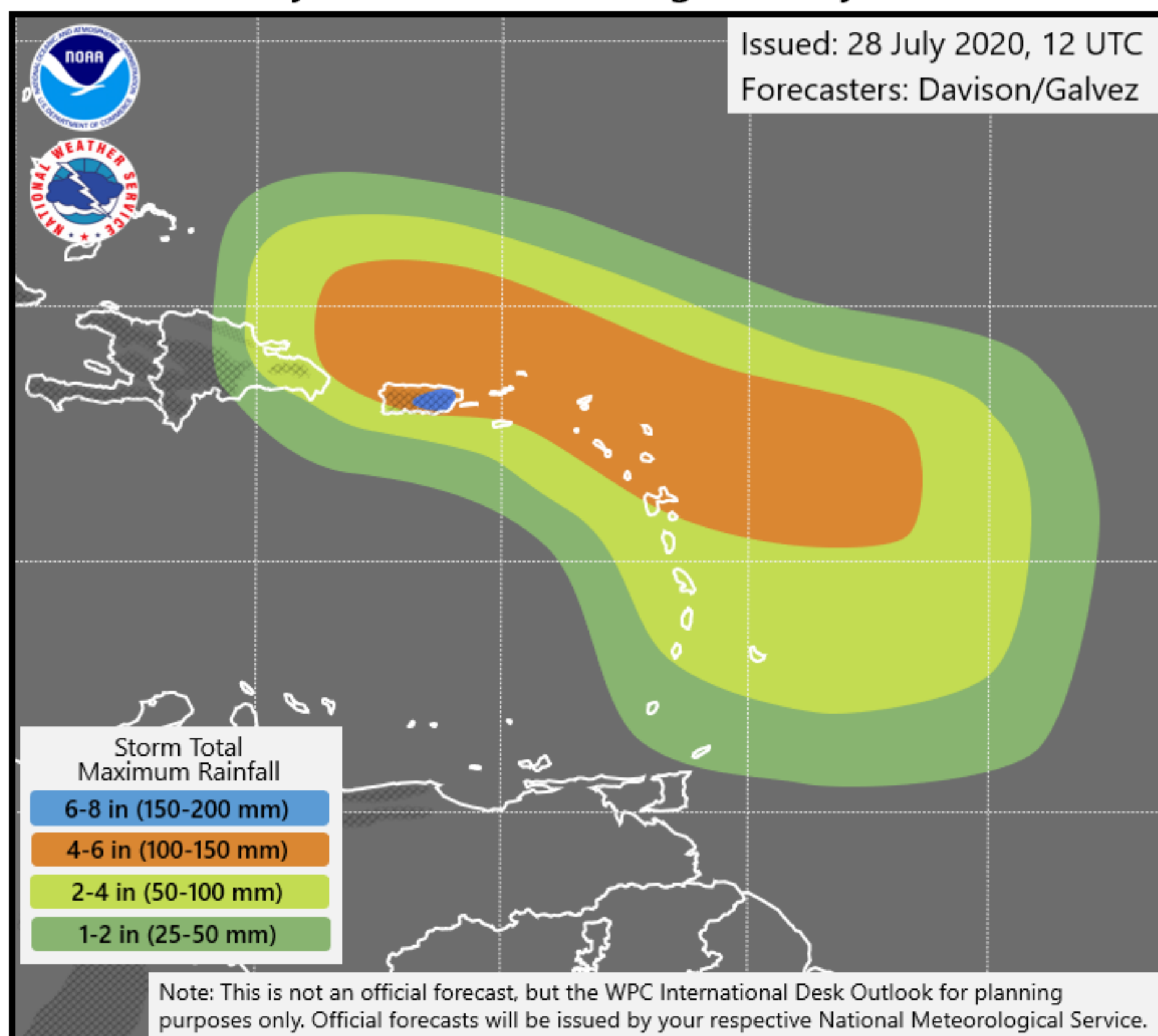
Expected Storm Total Rainfall



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Potential Tropical Cyclone Nine

Storm Total Rainfall Outlook by the WPC International Desks
from 29 July 2020 12UTC through 31 July 2020 12UTC



NOTE: This forecast is for planning purposes only. The official forecast will be issued by the respective National Meteorological Services.


- Total rainfall in inches through 1200 UTC Mon Aug 03

Key Messages

Potential Tropical Cyclone Nine



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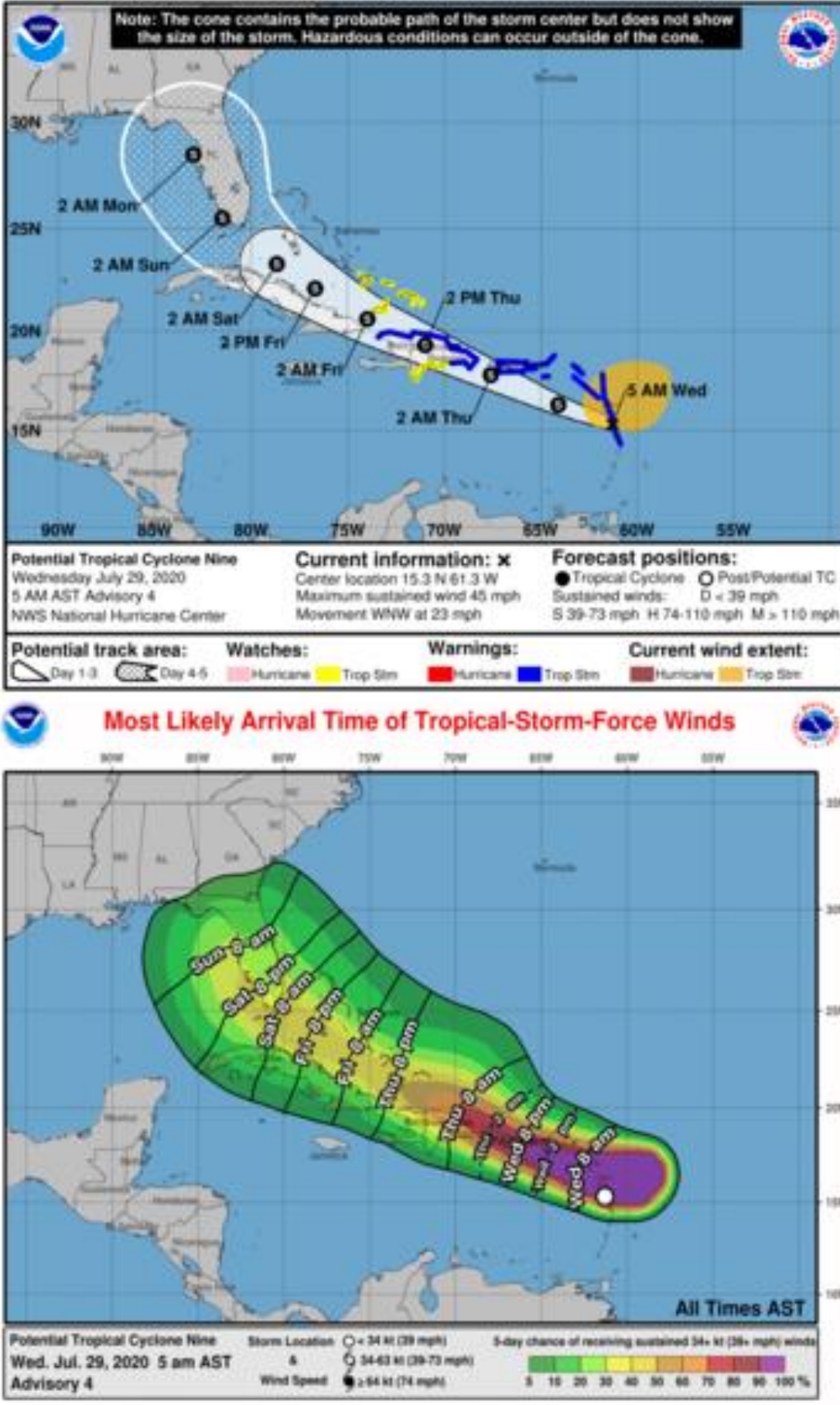
Key Messages for Potential Tropical Cyclone Nine

Advisory 4: 5:00 AM AST Wed Jul 29, 2020

1. Potential Tropical Cyclone Nine will produce heavy rains and potentially life-threatening flash flooding and mudslides across the northern Leeward Islands, the Virgin Islands, Puerto Rico, and the Dominican Republic.

2. Tropical storm conditions are likely across portions of the Leeward Islands, the Virgin Islands and Puerto Rico today and spreading westward to portions of the Dominican Republic and Haiti on Thursday. Tropical Storm Warnings are in effect for these areas. Do not focus on the details of the track forecast, as rainfall and wind hazards will extend far from the center of the system.

3. The details of the long-range track and intensity forecasts are more uncertain than usual since the system does not have a well-defined center and it could move over portions of the Greater Antilles later this week. However, this system could bring some rainfall and wind impacts to portions of Cuba, the Bahamas, and Florida by the end of the week. Interests there should monitor its progress and updates to the forecast over the next few days.



For more information go to hurricanes.gov

Marine Key Messages:

- Tropical-storm-force winds are expected over the NE Caribbean through tonight and over the SW N Atlantic offshore waters through late this week as the system approaches Florida.
- Seas will peak in excess of 20 ft north of Puerto Rico and Hispaniola on Thu, and remain 12+ ft into this weekend.



POTENTIAL TROPICAL CYCLONE NINE 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

