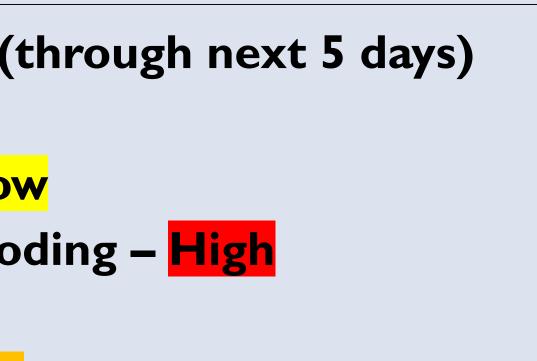
**IMPACTS FOR insert D7** (through next 5 days) Winds – Low **Storm Surge – Low** Rainfall/Flash Flooding – High **Tornadoes – Low** Waves - Moderate

# POTENTIAL TROPICAL CYCLONE NINE BRIEFING

2:30 PM EDT Tuesday, July 28, 2020 NATIONAL Prepared by: leff Lewitsky CENTER MIAMI FLORIDA **Tropical Analysis and Forecast Branch** NWS National Hurricane Center

NHC\_TAFB



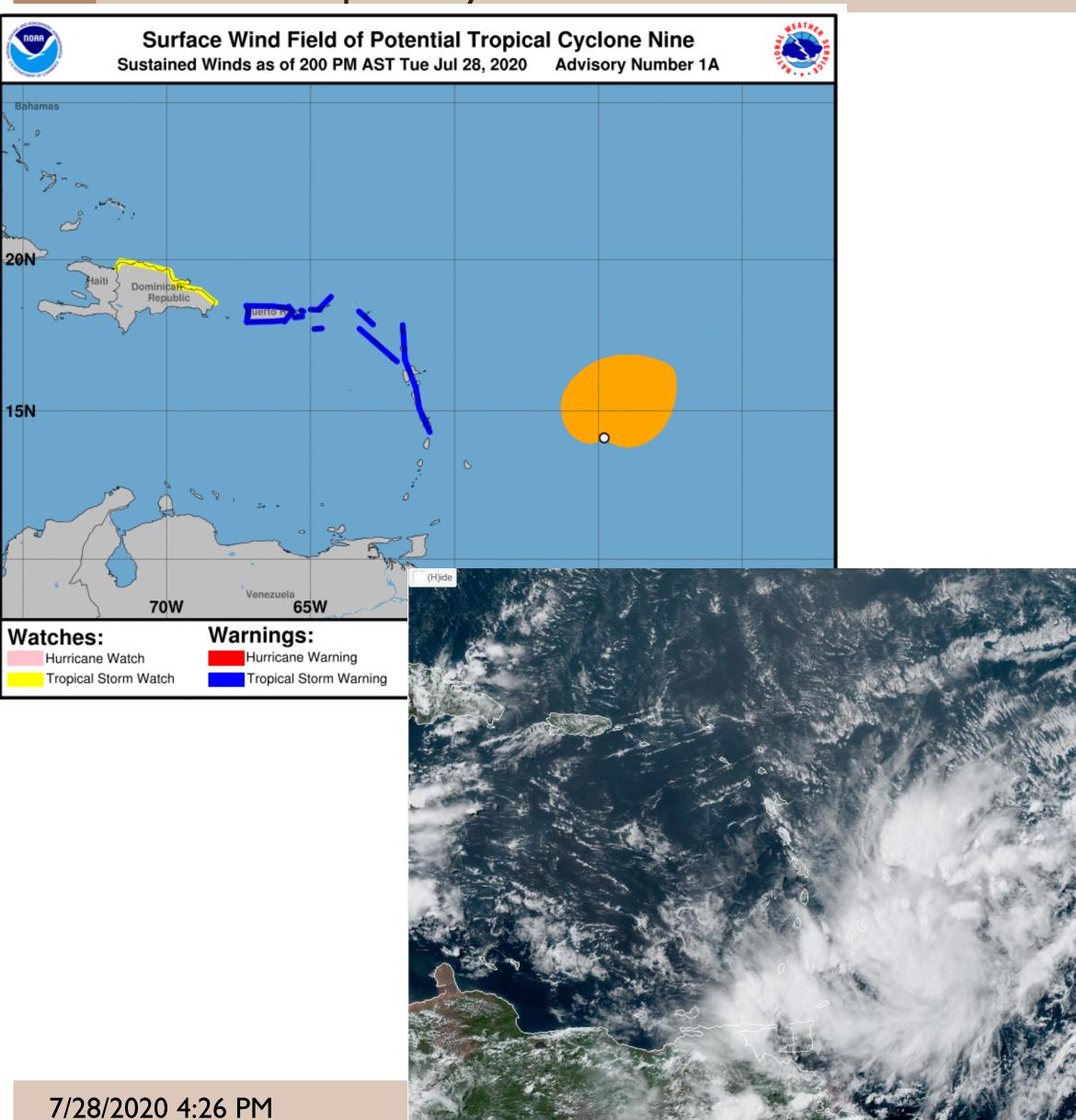






## Situation Overview

### Potential Tropical Cyclone Nine





## ...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



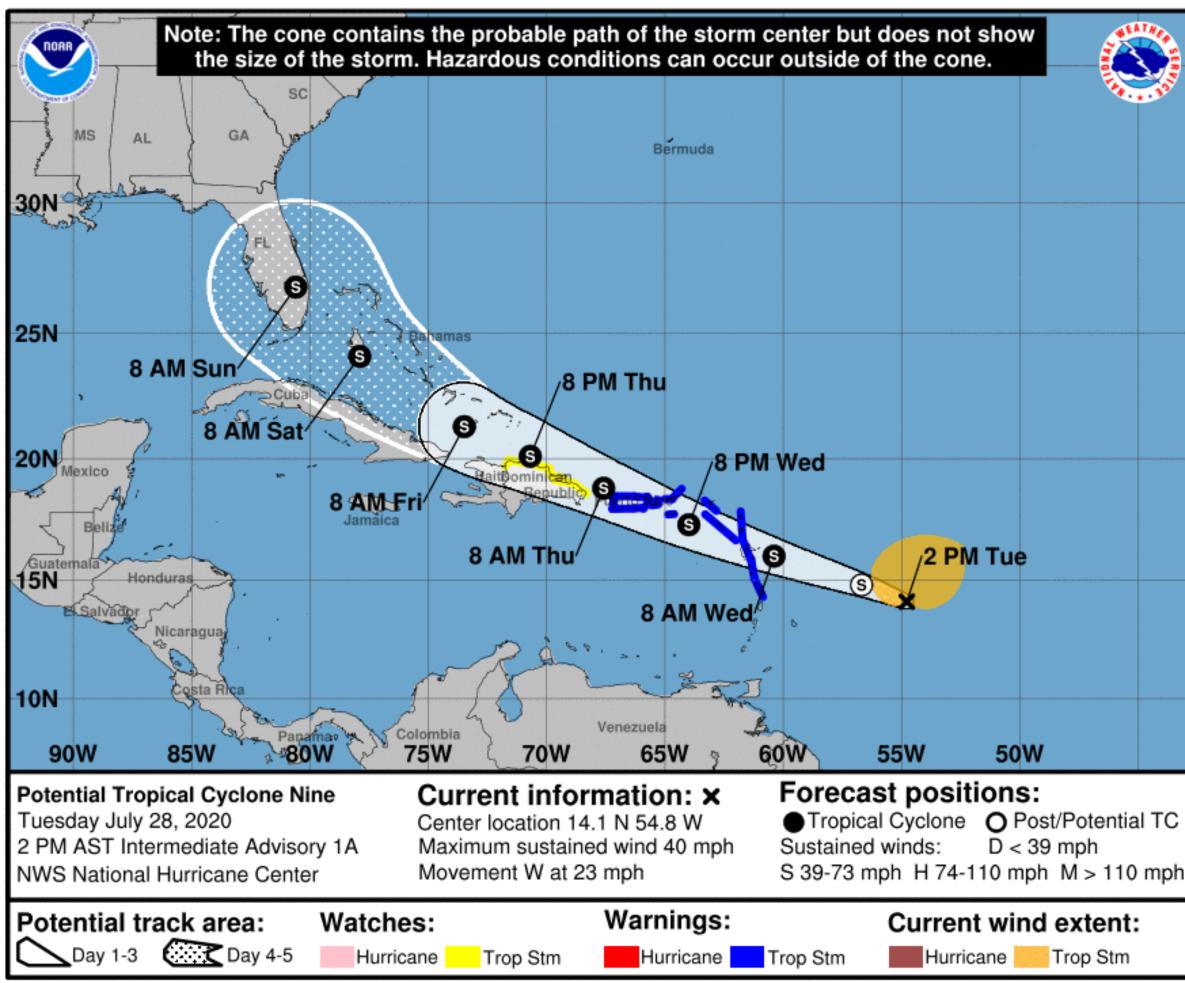






## Forecast Information

### Potential Tropical Cyclone Nine



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

7/28/2020 4:26 PM



- 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 swatch 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.





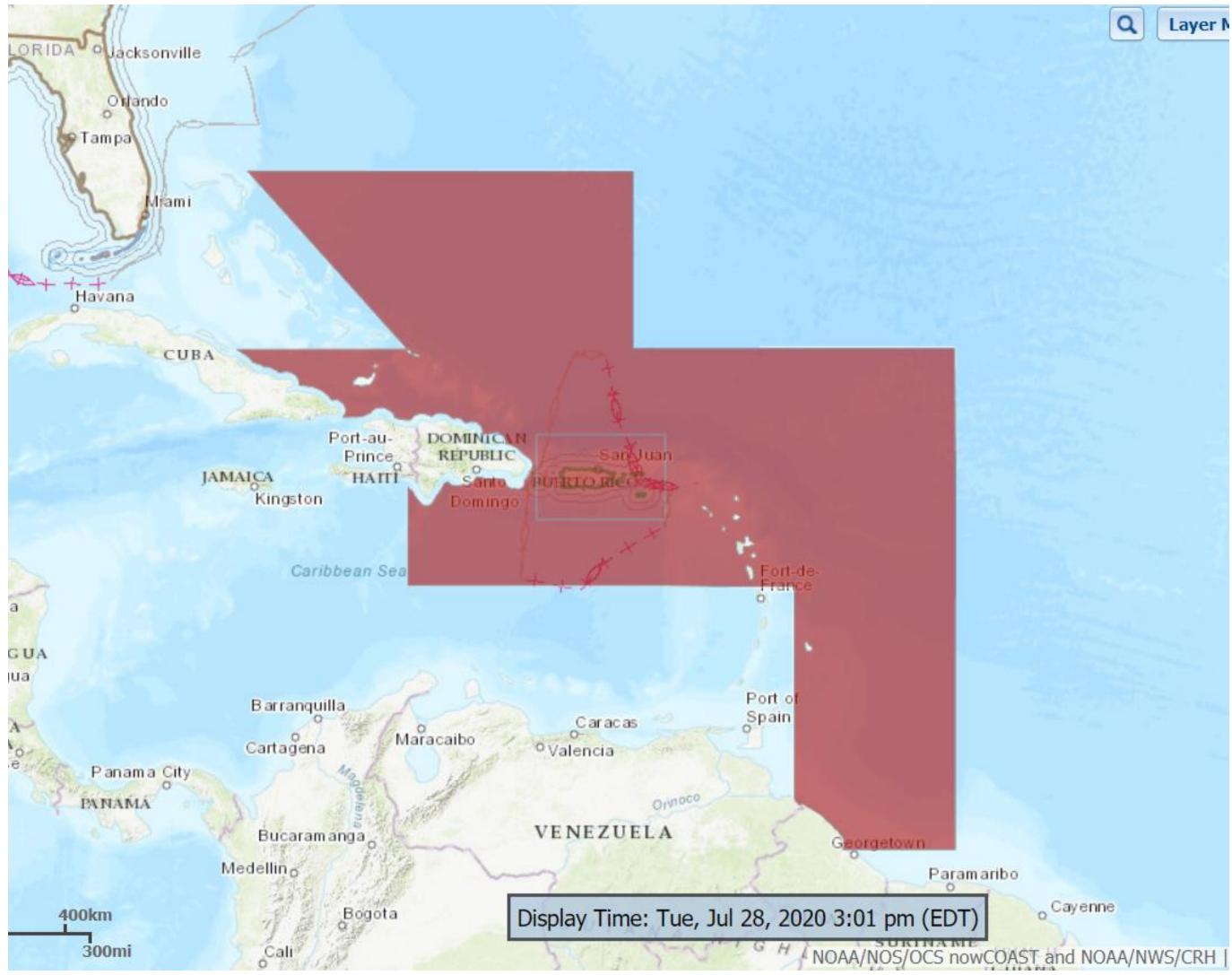






## Hazards Map

### Potential Tropical Cyclone Nine



7/28/2020 4:26 PM



Tropical Analysis and Forecast Branch NWS National Hurricane Center



## Tropical Storm Warning

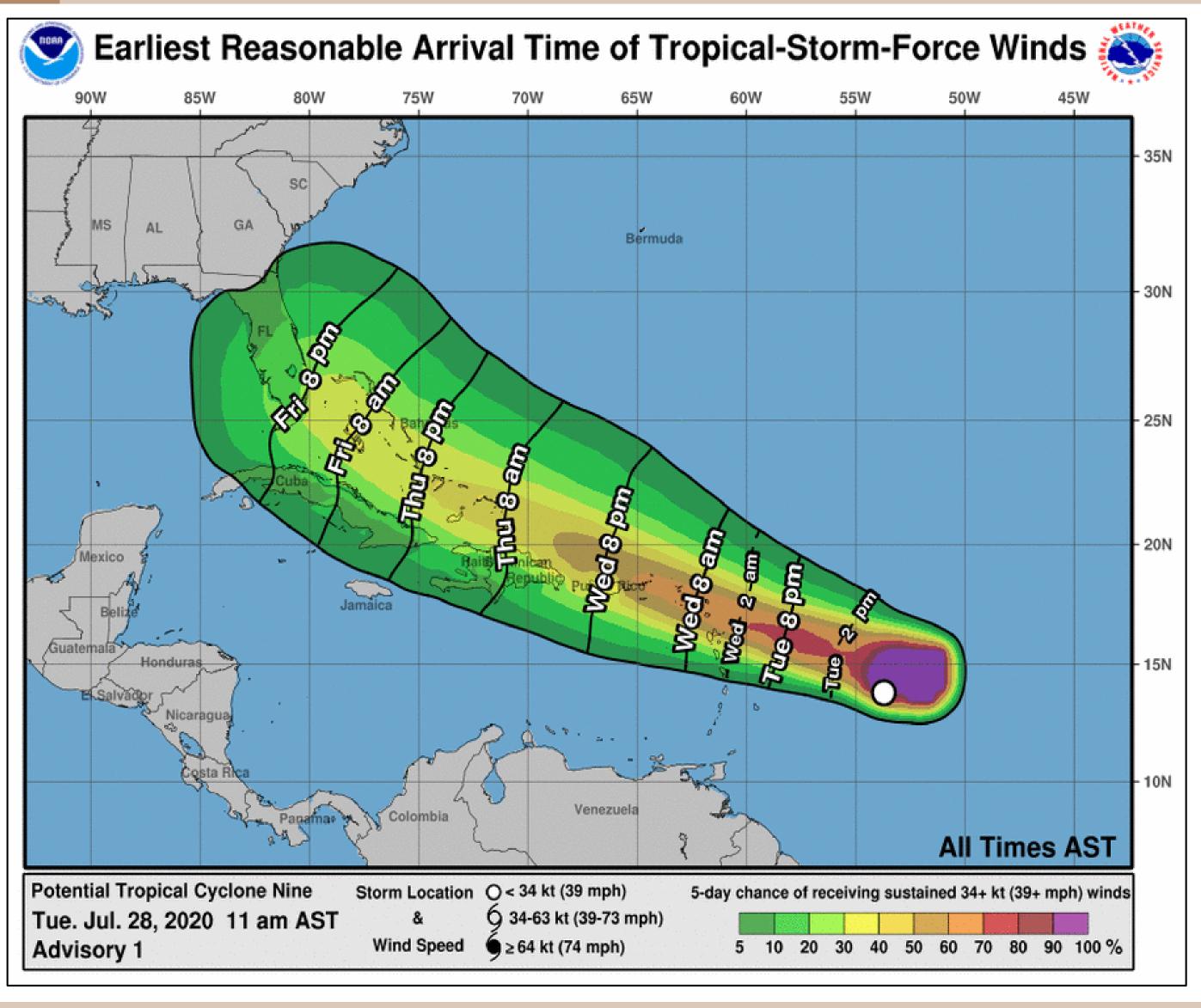
https://nowcoast.noaa.gov/





## Earliest Reasonable Time of Arrival

### Potential Tropical Cyclone Nine



7/28/2020 4:26 PM



## Time of Arrival and **Tropical Storm Force Wind Probabilities** Through 120 hours

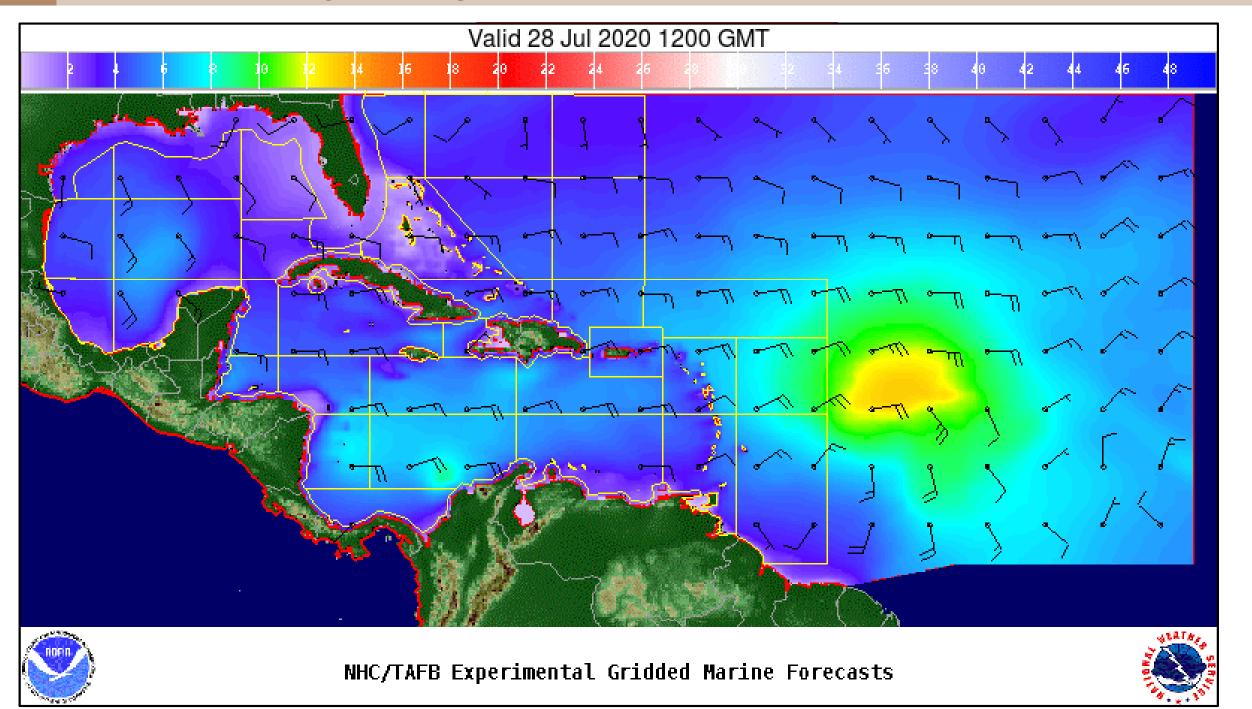
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63) kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See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



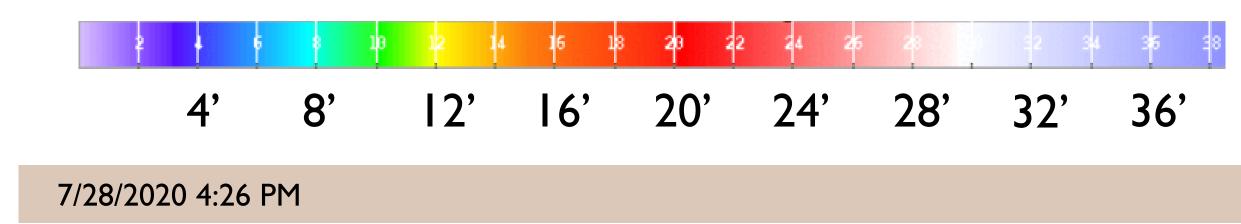




### Potential Tropical Cyclone Nine



#### Wave heights are in feet

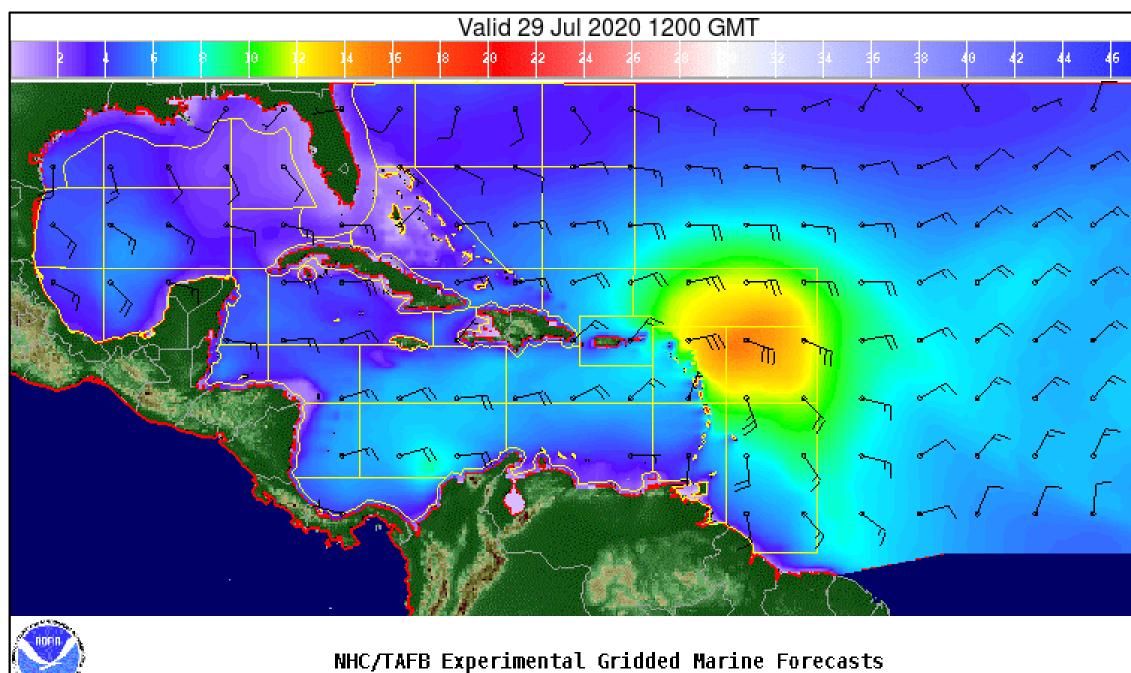




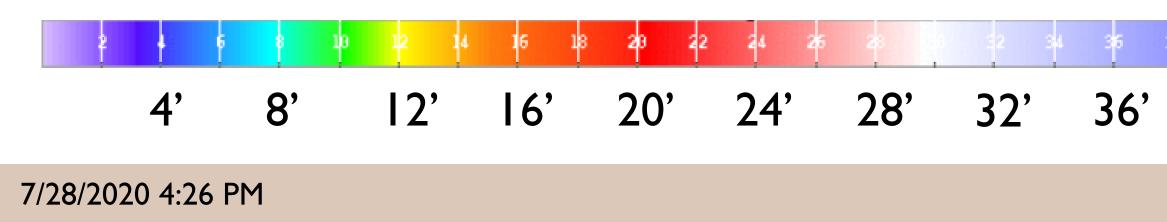
## **Current Conditions** 8am Tuesday, July 28<sup>th</sup>, 2020 Peak Winds: 35 kt Peak Seas: 15 ft



### Potential Tropical Cyclone Nine



#### Wave heights are in feet



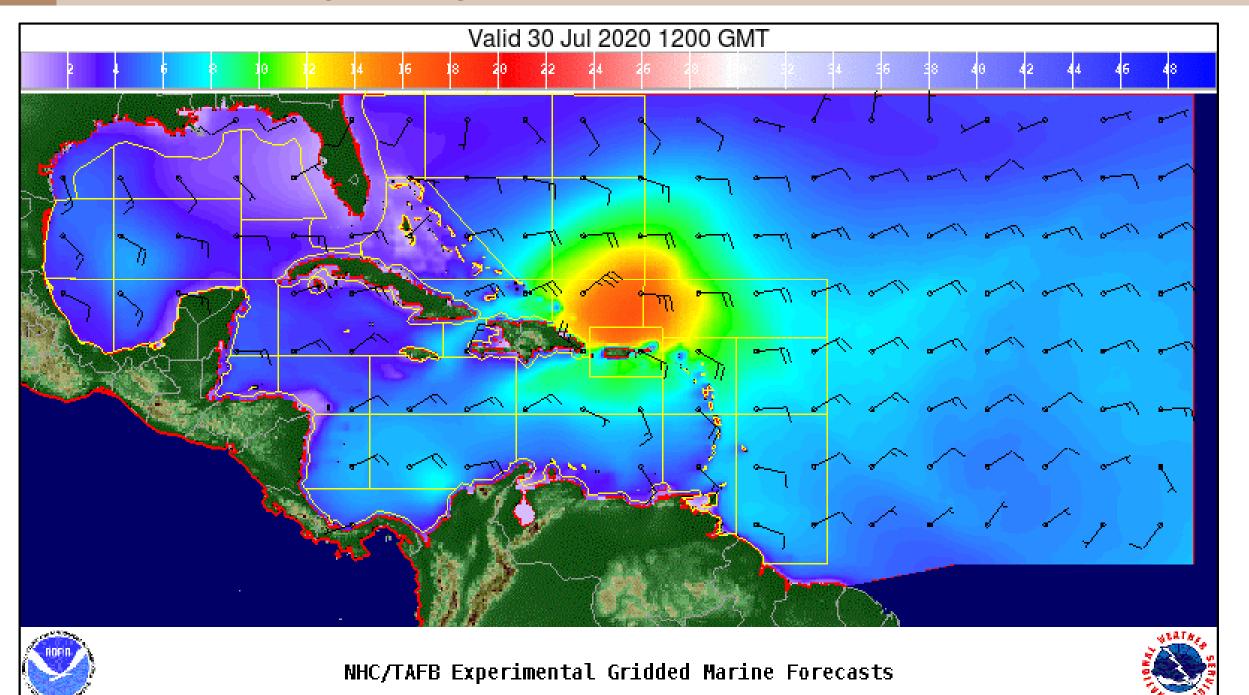




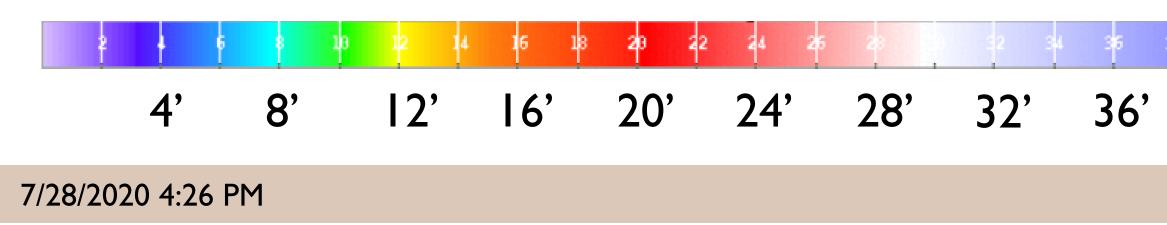
## 24 Hour Forecast 8am Wednesday, July 29<sup>th</sup>, 2020 Peak Winds: 40 kt Peak Seas: 16 ft



### Potential Tropical Cyclone Nine



#### Wave heights are in feet

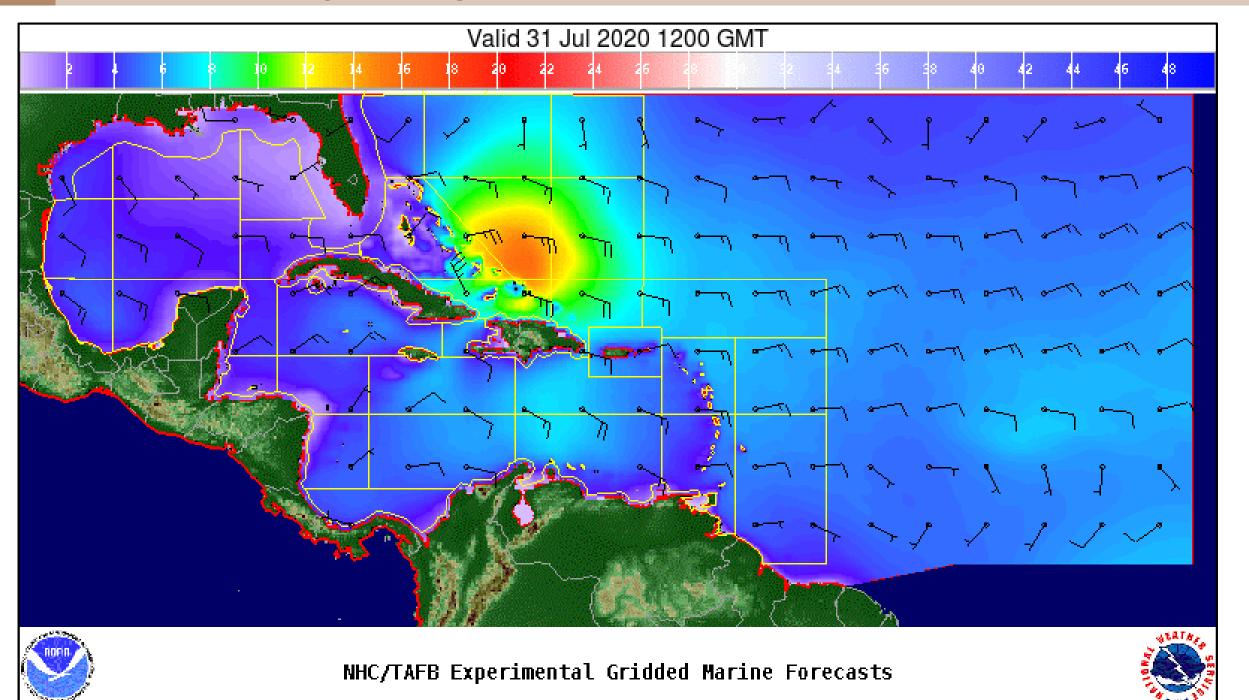




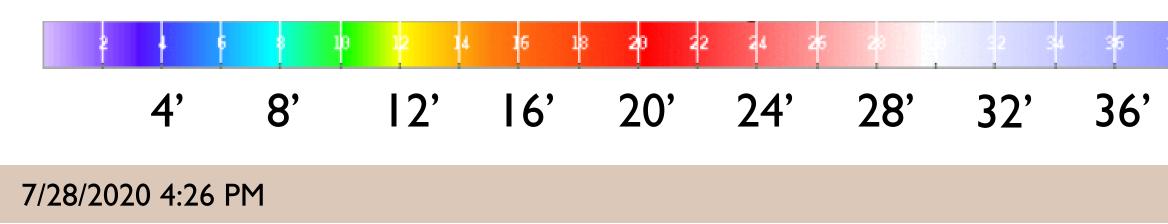
## **48** Hour Forecast 8am Thursday, July 30<sup>th</sup>, 2020 Peak Winds: 50 kt Peak Seas: 17 ft



### Potential Tropical Cyclone Nine



#### Wave heights are in feet





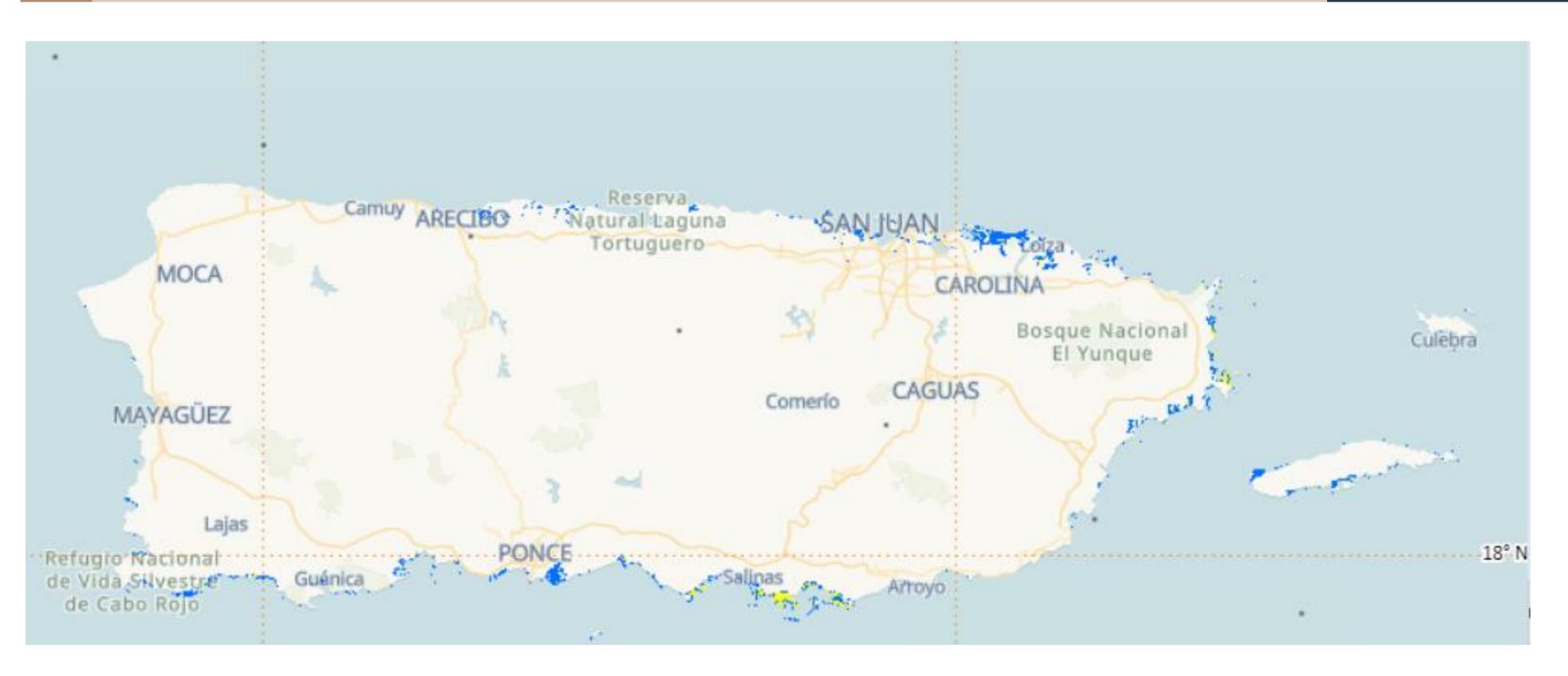
Tropical Analysis and Forecast Branch NWS National Hurricane Center

## 72 Hour Forecast 8am Friday, July 31<sup>st</sup>, 2020 Peak Winds: 50 kt Peak Seas: 18 ft

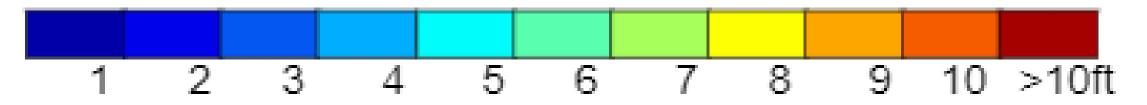


# Storm Surge Potential

### Potential Tropical Cyclone Nine



### Directional (SLOSH MEOW) Storm Surge Inundation Height Above Ground



7/28/2020 4:26 PM



Tropical Analysis and Forecast Branch NWS National Hurricane Center

ZZZ Leveed Area (consult local officials for flood risk)



## Expected Storm Total Rainfall

### Potential Tropical Cyclone Nine

DISCLAIMER: These products are non-operational and may not be current or available on a routine basis. 8.00 7.00 6.00 5.00 4.00 .00 .50 .00 .75 .50

#### 72 HR QPF FROM 1200Z 20200728

Refer to map legend for Valid Time

7/28/2020 4:26 PM



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







## Key Messages

### Potential Tropical Cyclone Nine

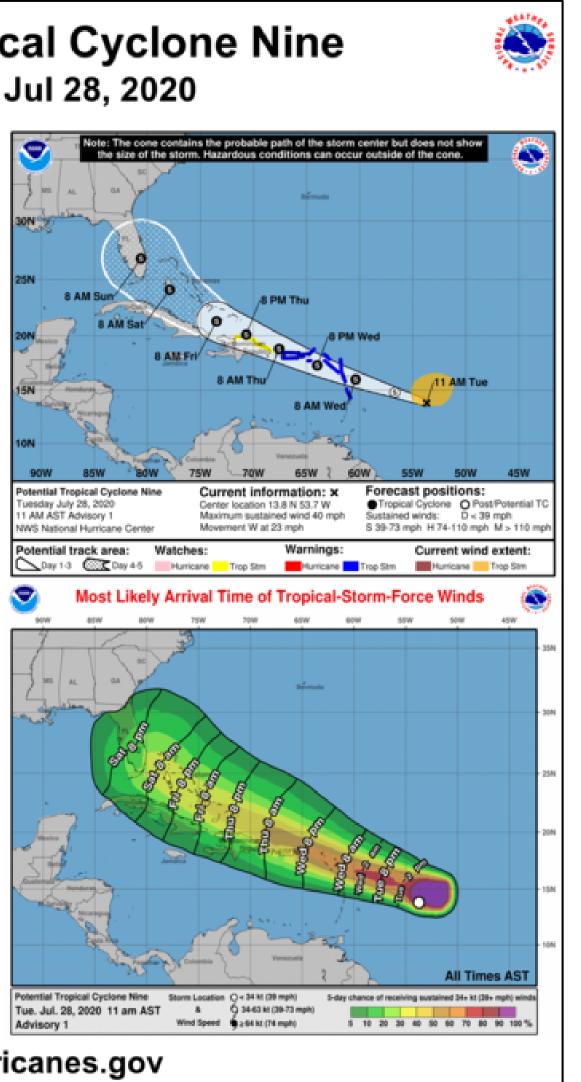


### Key Messages for Potential Tropical Cyclone Nine Advisory 1: 11:00 AM AST Tue Jul 28, 2020

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 and Puerto Rico.

2. Tropical storm conditions are likely across portions of the Leeward Islands, the Virgin Islands, and Puerto Rico Wednesday through Thursday, and Tropical Storm Warnings are in effect. 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 could move over portions of the Greater Antilles later this week. However, this system could bring some rainfall and wind impacts to portions of Hispaniola, 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:

- 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

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

NHC\_TAFB

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





