

**IMPACTS FOR D7**

**Winds/US Coast – None to Low**

**Winds/SRR – None to Low**

**Waves/US Coastal – None to Low**

**Waves/SRR – None to Low**

through next 5 days

**US Storm Surge – None**

**US Rainfall/Flash Flooding – Low to Medium**

**US Tornadoes – None**

# TROPICAL WAVE BRIEFING

8:00 AM EDT

Sunday, September 1, 2024

Prepared by:

**Jeff Lewitsky**

*Tropical Analysis and Forecast Branch  
NWS National Hurricane Center*





### Near the Lesser Antilles and Caribbean Sea:

Shower activity associated with a tropical wave located several hundred nautical miles east of the Lesser Antilles **has changed little in organization since yesterday.**

**Some slow development is possible as the disturbance moves westward and reaches the Lesser Antilles on Monday.**

The wave is **expected to move across the central and western Caribbean Sea later this week, where conditions are forecast to become more conducive for some development, and a tropical depression could form during that time.**

**Regardless of development, this system could result in some gusty winds and locally heavy rainfall over portions of the Lesser Antilles on Monday.**

# Tropical Weather Outlook

Tropical Wave

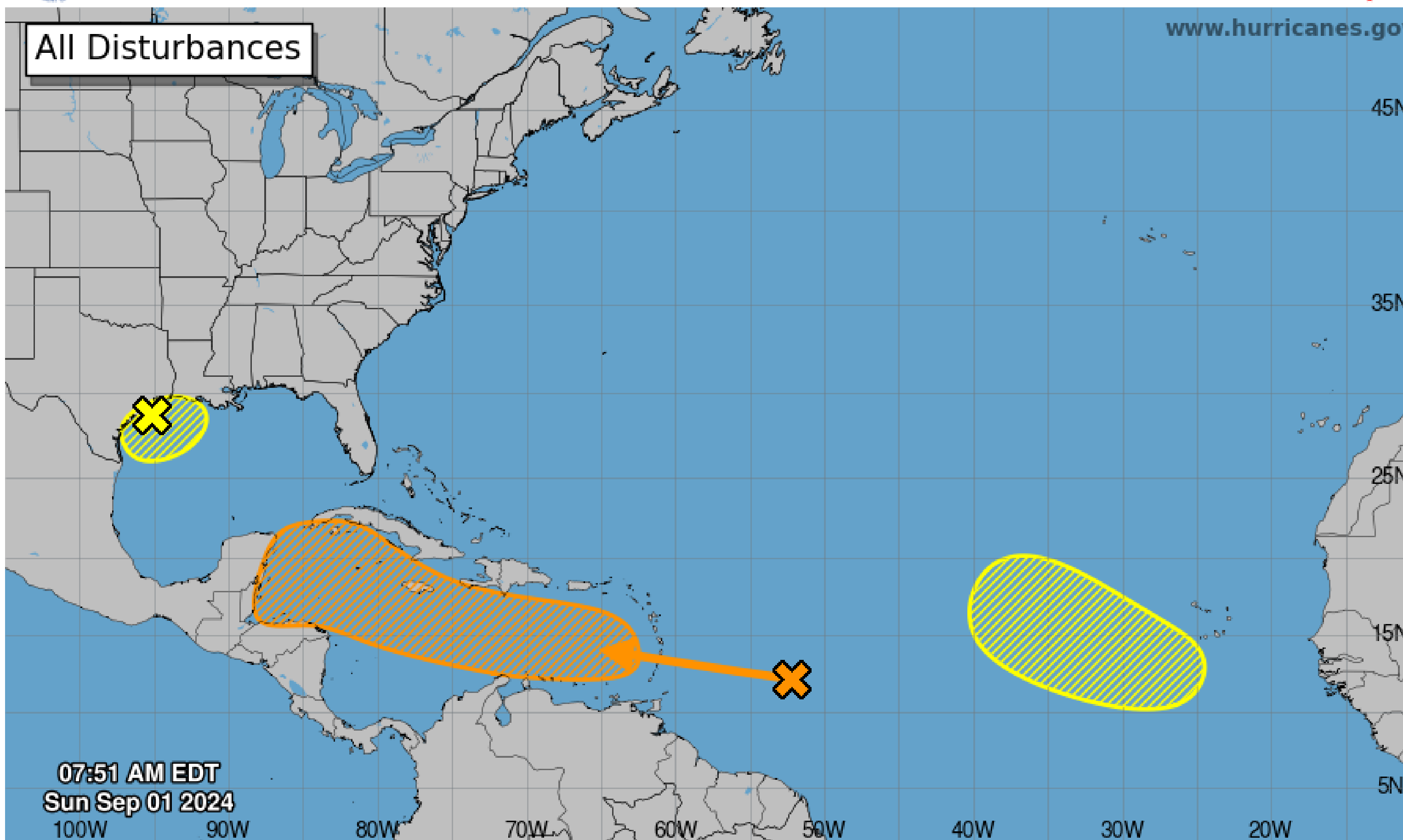


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## Seven-Day Graphical Tropical Weather Outlook

National Hurricane Center Miami, Florida



Current Disturbances and Seven-Day Cyclone Formation Chance: < 40% 40-60% > 60%  
Tropical or Sub-Tropical Cyclone: Depression Storm Hurricane  
 Post-Tropical Cyclone or Remnants

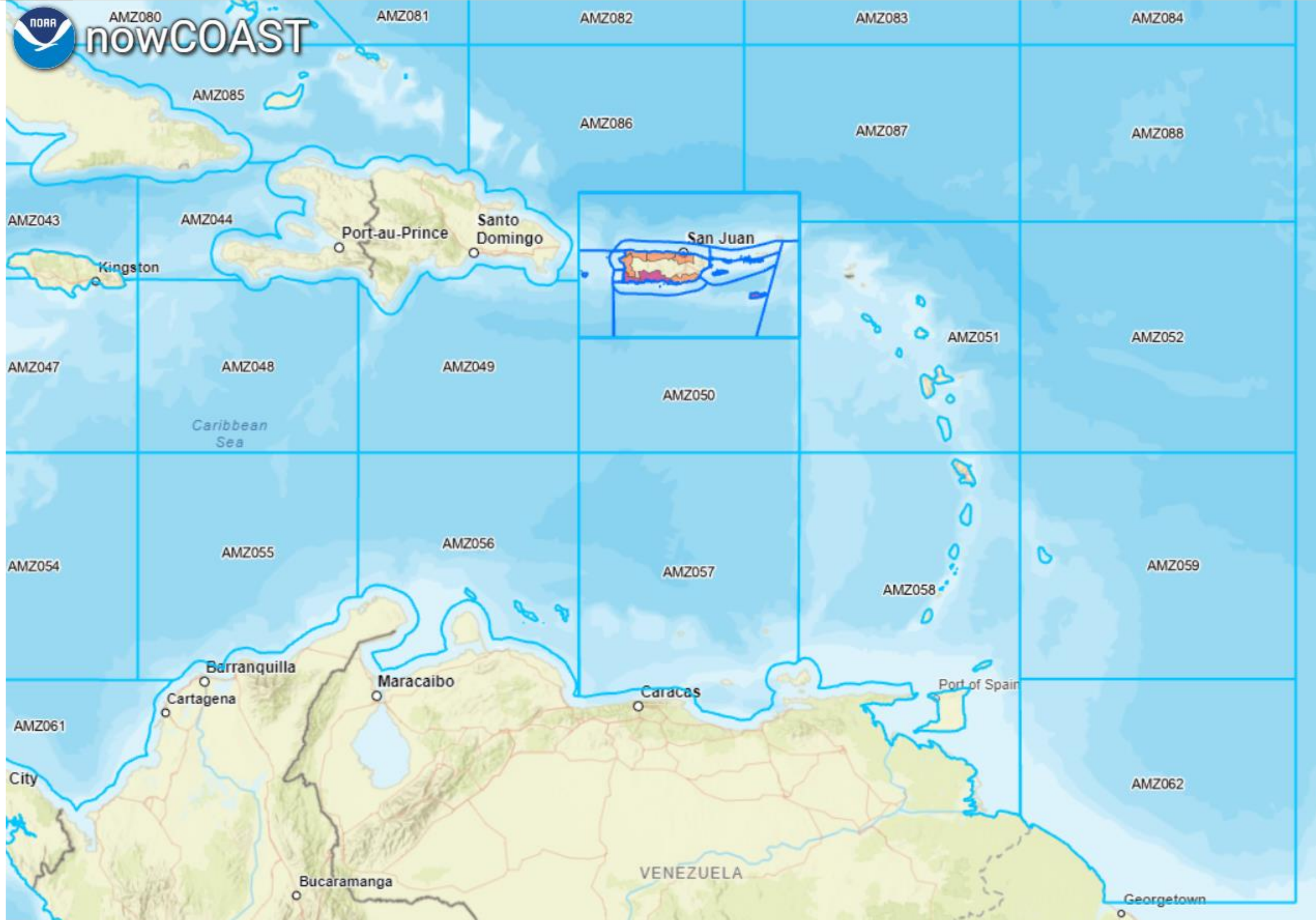
- **Orange area:** Medium risk of tropical formation this week (10% through 48 hours, 40% through 7 days)
- **Yellow areas:** Low risk of tropical formation (0-20% through 7 days)
- **Reminder:** *The hatched area represents a possible development area, not the system's path after development occurs.*

# Hazards Map



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Tropical Wave



**No Marine Advisories, Watches or Warnings Currently in Effect**

Heat Advisory

Excessive Heat Warning

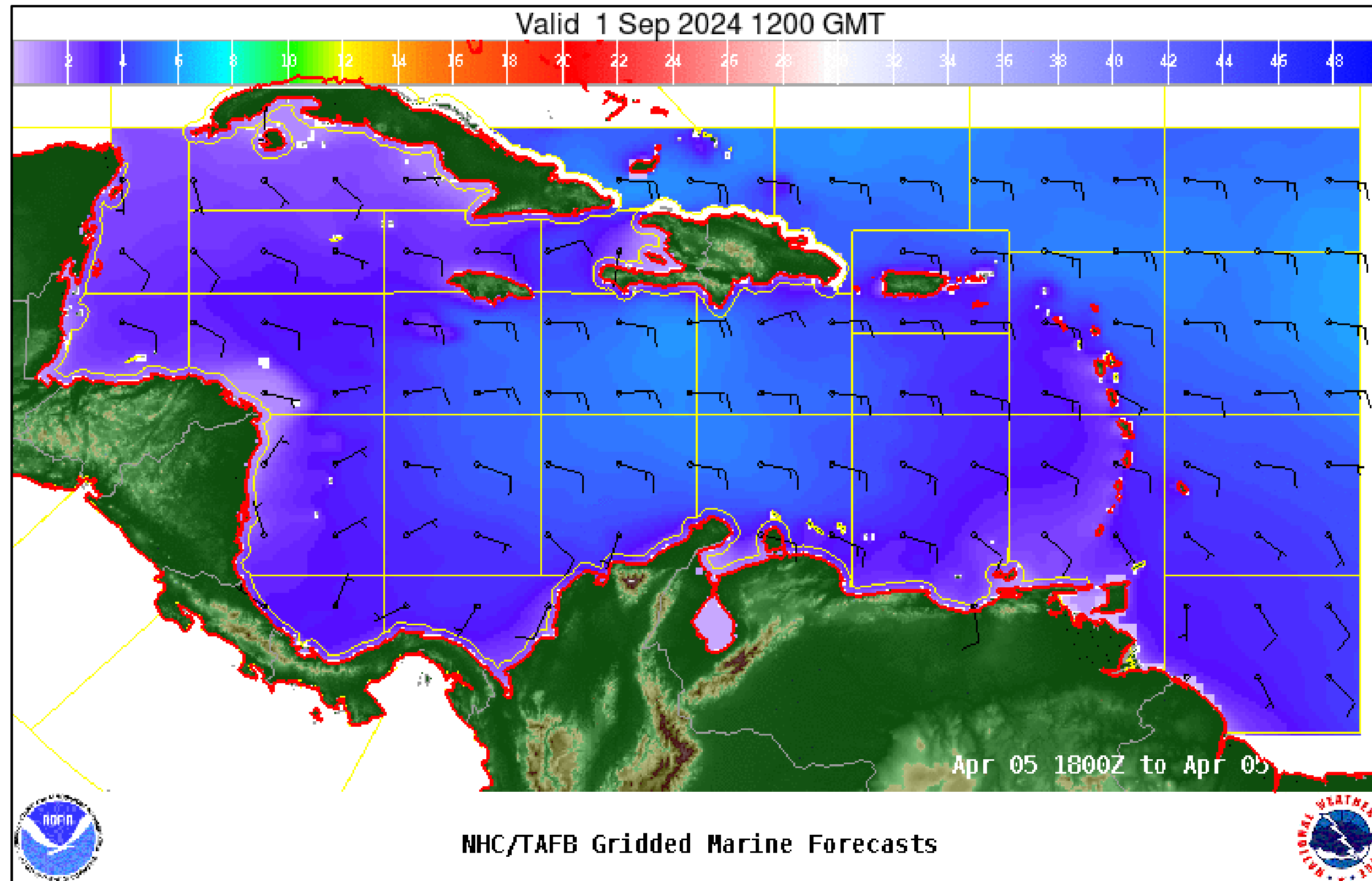
<https://nowcoast.noaa.gov/>

# Wind And Waves

## Tropical Wave



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## Current Conditions

**Sunday Morning**

Peak Winds: 15 kt

Peak Seas: 4 to 6 ft

- Wave heights are in feet



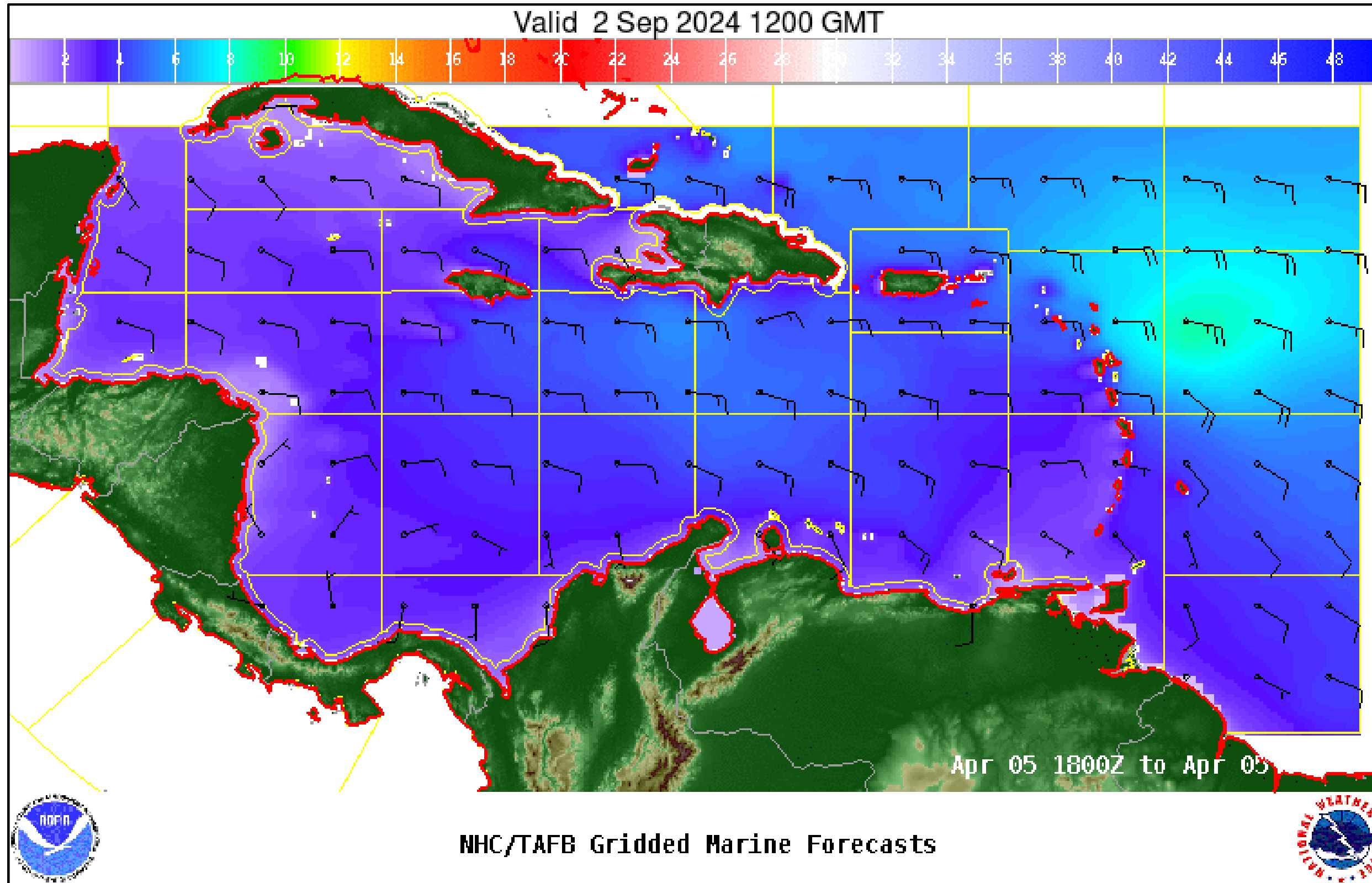
Significant Wave Height (ft)

# Wind And Waves

## Tropical Wave



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## 24 Hour Forecast

### Monday Morning

Peak Winds: 20 to 25 kt (approaching Leeward Islands)

Peak Seas: 8 to 10 ft (approaching Leeward Islands)

- Wave heights are in feet



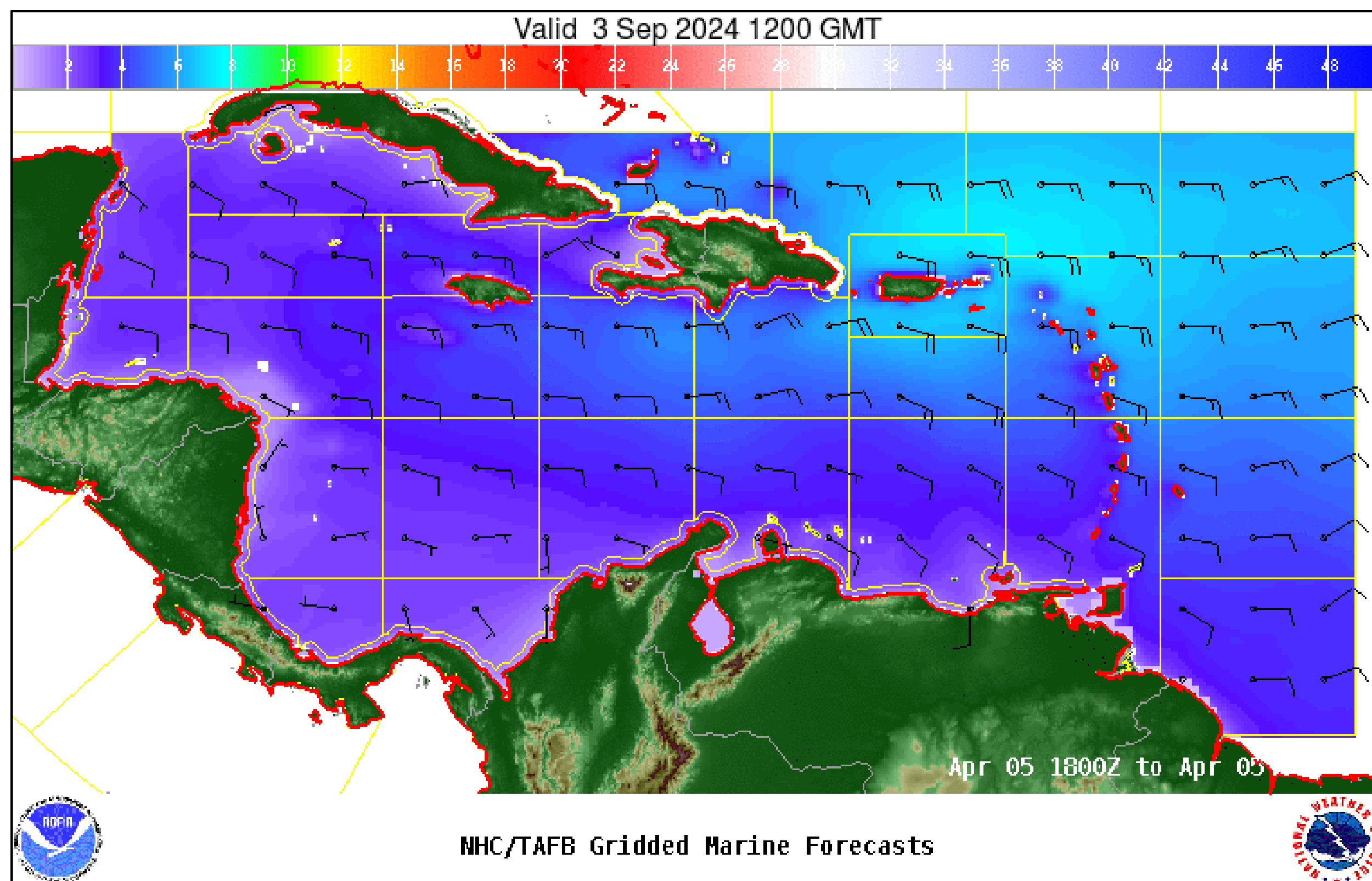
Significant Wave Height (ft)

# Wind And Waves

## Tropical Wave



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## 48 Hour Forecast

### Tuesday Morning

Peak Winds: 20 to 25 kt

Peak Seas: 8 to 9 ft

- Wave heights are in feet



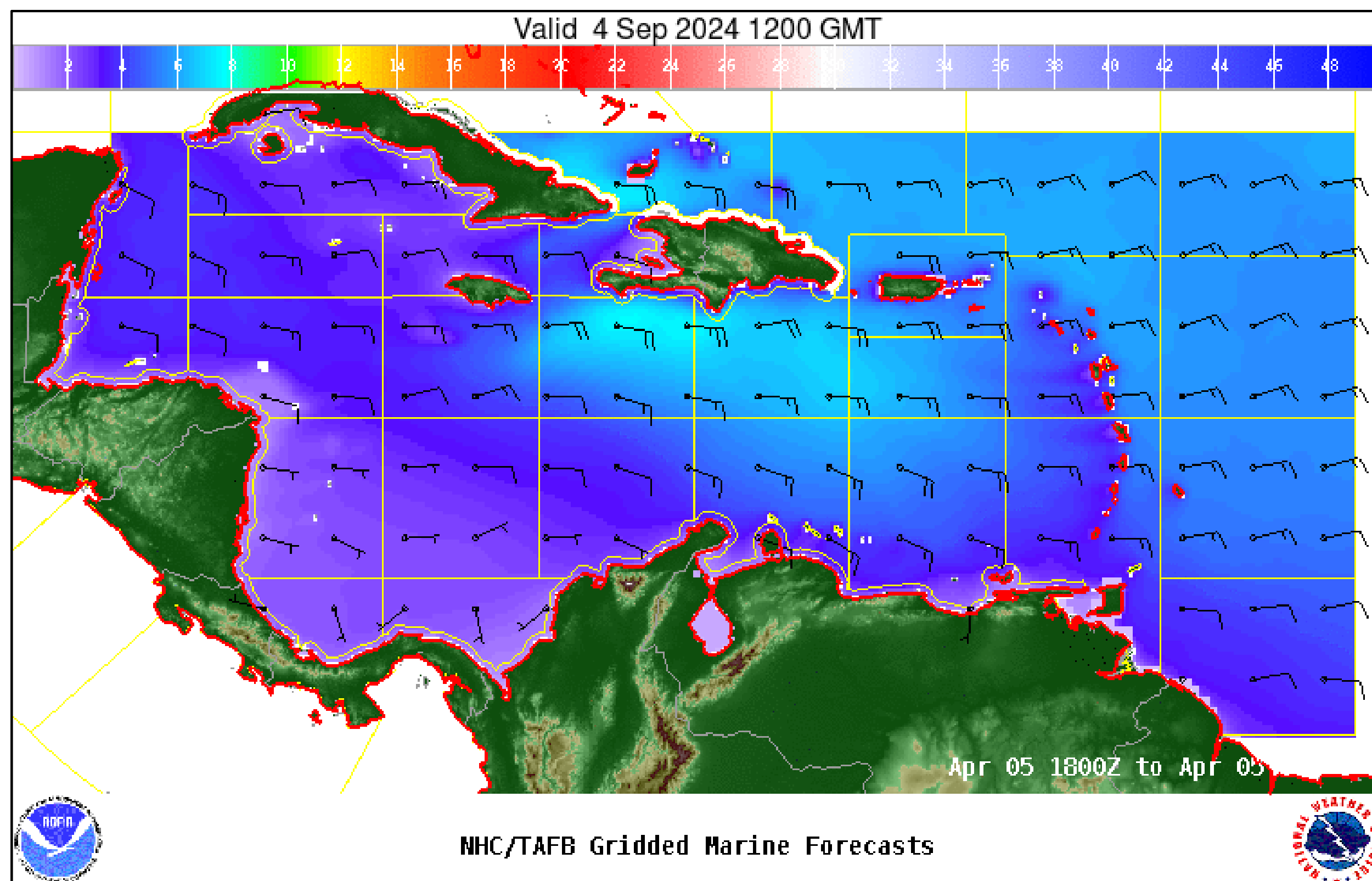
Significant Wave Height (ft)

# Wind And Waves

## Tropical Wave



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## 72 Hour Forecast

**Wednesday Morning**

Peak Winds: 20 to 25 kt

Peak Seas: 8 to 9 ft

- Wave heights are in feet



Significant Wave Height (ft)

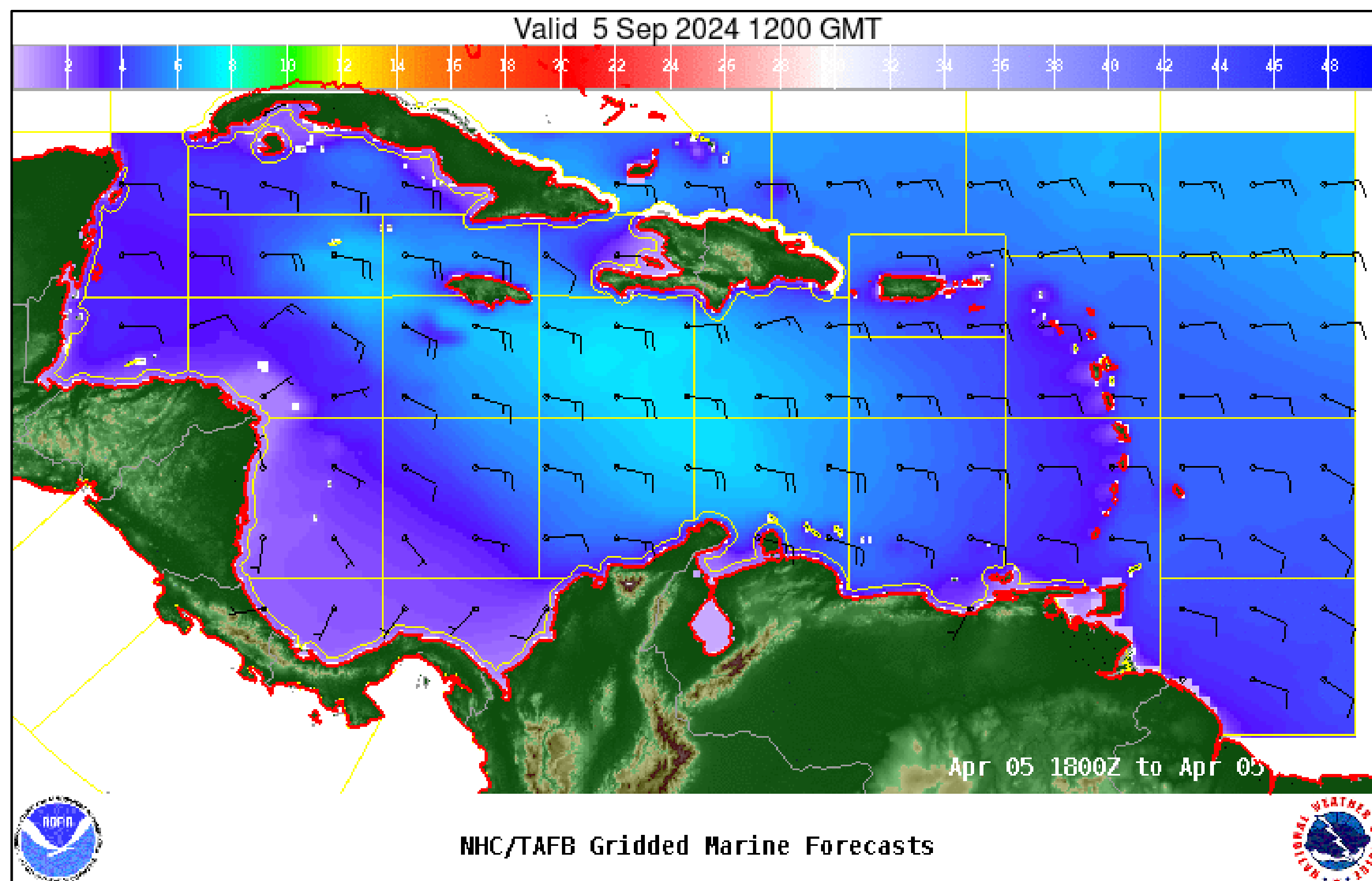


# Wind And Waves

## Tropical Wave



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## 96 Hour Forecast

### Thursday Morning

Peak Winds: 20 to 25 kt (S-SW of Hispaniola)

Peak Seas: 8 to 9 ft

- Wave heights are in feet



Significant Wave Height (ft)

# Rainfall Risk

from NWS San Juan, PR



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

## Rainfall Risk for Today

Riesgo de lluvia para hoy

Weather Forecast Office  
San Juan, PR

Issued Sep 01, 2024 5:24 AM AST



Limited	Limitado	Ponding of water on roadways and poorly drained areas. Urban and small stream flooding is possible. Acumulación de agua en carreteras y áreas de poco drenaje. Inundaciones urbanas y de riachuelos son posibles.
Elevated	Elevado	Flooding of urban areas, roads, small stream, and washes. Isolated flash flooding possible. Inundaciones de áreas urbanas, carreteras, riachuelos y drenaje. Inundaciones repentinas aisladas son posibles.

[f](#) [t](#) [v](#) @NWSSanJuan #prwx #usviwx

[weather.gov/sju](https://weather.gov/sju)

**For Sunday, September 1, 2024**

**\*Not related to the incoming tropical wave\***

Refer to: [weather.gov/sju](https://weather.gov/sju) for details.

Another round of showers and thunderstorms is expected this afternoon. This will promote limited to elevated flooding threat, particularly across western Puerto Rico.



Tropical Wave from NWS Weather Prediction Center International Desk

Rainfall Storm Totals: *(no change from Saturday, August 31, 2024)*

- **What: 1-2 inches with isolated maximum of 3-6 inches**
- **Where: From the southern Windward islands to the southern Leeward Islands**

*Preliminary Information from the NWS Weather Prediction Center International Desk,  
Dependent on at least a Strong Tropical Wave or Tropical Depression developing.*

*If a weaker tropical wave moves by, expect lower amounts.*

*If necessary, a graphic \*may\* be produced Monday morning by the Weather Prediction Center.*



You can contact the Tropical Analysis and Forecast Branch at  
305-229-4424 (24/7/365)

This briefing was prepared by:  
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***The Next Briefing (live/virtual) Will Be:  
Monday 10:00 AM EDT***

***By Scott Stripling – [scott.stripling@noaa.gov](mailto:scott.stripling@noaa.gov)***

*You can always find get the latest graphics and information for this storm at [www.hurricanes.gov](http://www.hurricanes.gov)*

