

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 – None to Low

US Tornadoes – None

TROPICAL WAVE BRIEFING



8:00 AM EDT
Saturday, August 31, 2024

Prepared by:

Jeff Lewitsky

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*





Near the Lesser Antilles and Caribbean Sea:

A tropical wave located several hundred nautical miles east of the Lesser Antilles continues to produce some disorganized showers and thunderstorms.

The disturbance is forecast to move westward and reach the Lesser Antilles on Monday.

Thereafter, environmental conditions appear conducive for gradual development of this system, and a tropical depression could form while it continues moving westward across the Caribbean Sea through the middle to latter part of next week.

Tropical Weather Outlook

Tropical Wave

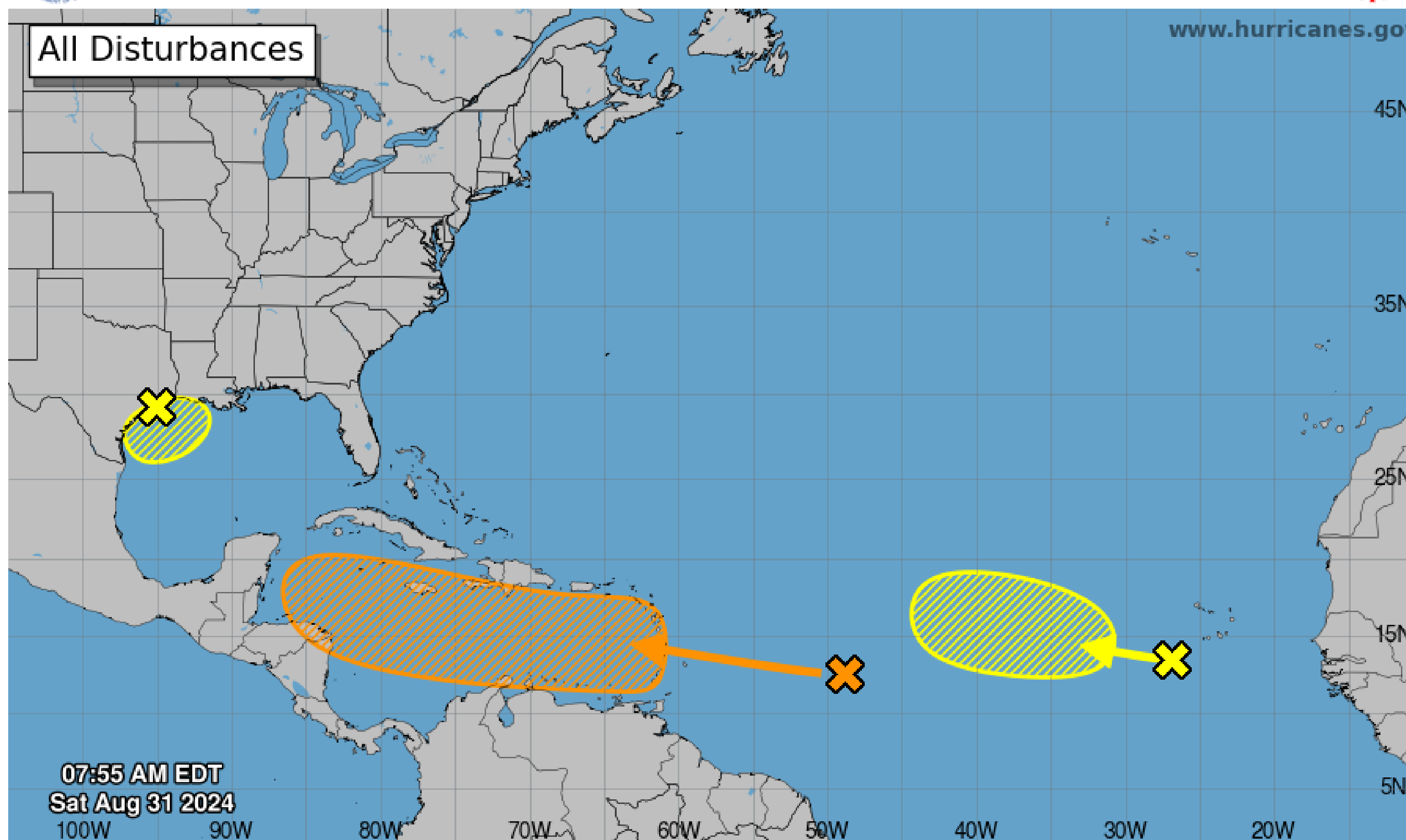


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Seven-Day Graphical Tropical Weather Outlook

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 next week (0% through 48 hours, 50% 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

Tropical Wave



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No Marine Advisories, Watches or Warnings Currently in Effect

Heat Advisory

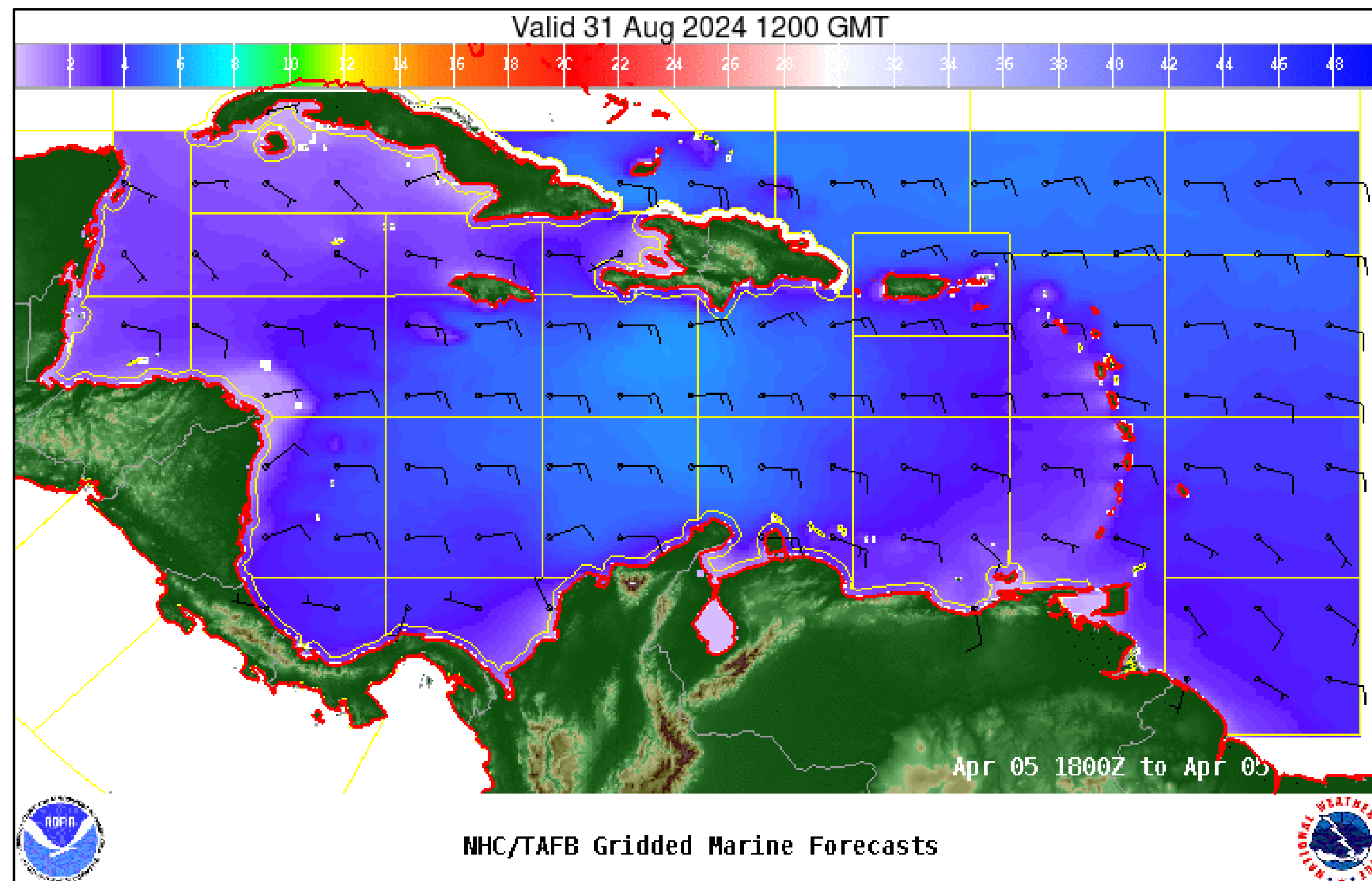
<https://nowcoast.noaa.gov/>

Wind And Waves

Tropical Wave



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Current Conditions

Saturday Morning

Peak Winds: 15 kt

Peak Seas: 4-5 ft

- Wave heights are in feet



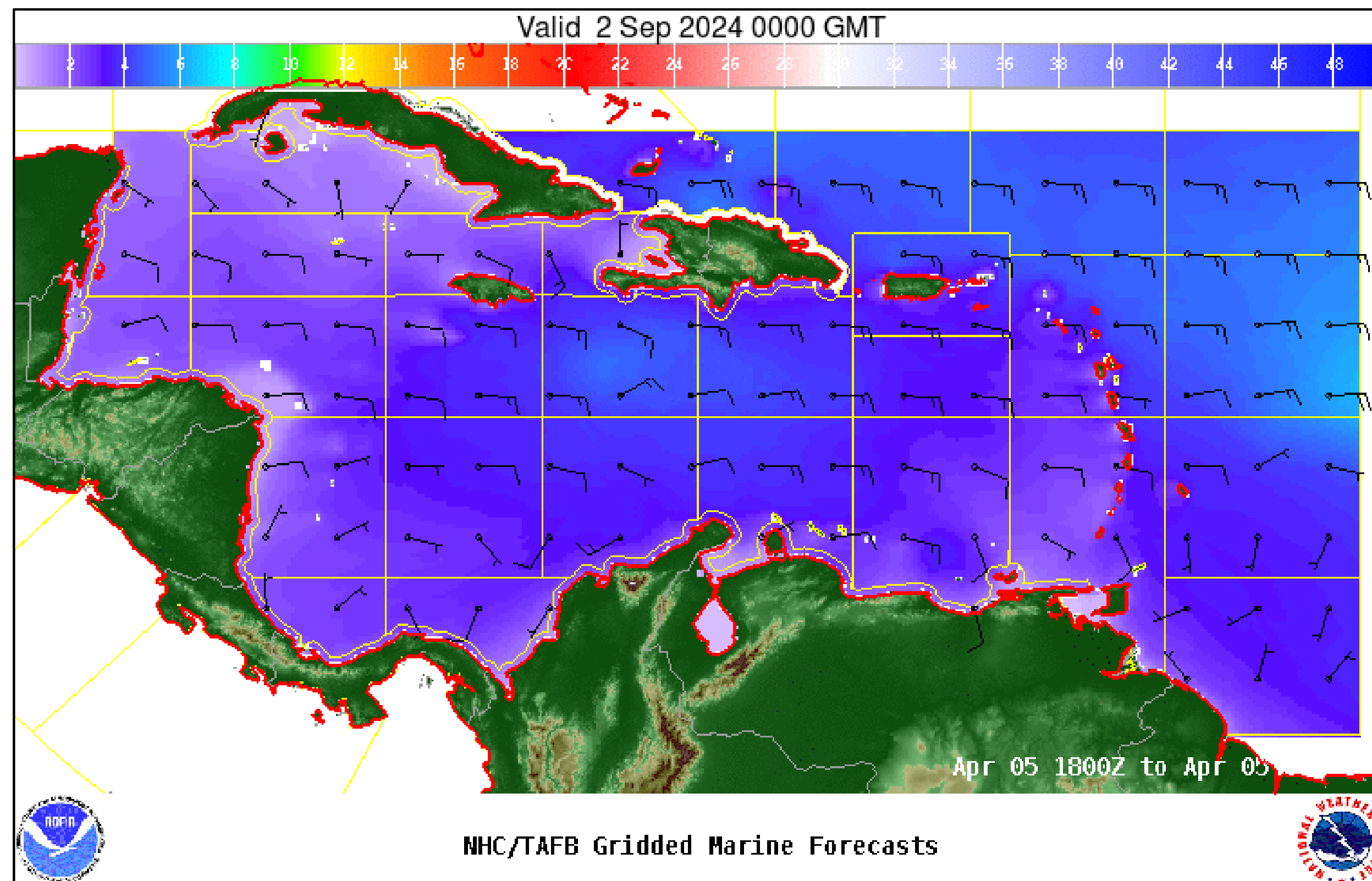
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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36 Hour Forecast (no changes between Sat AM)

Sunday Night

Peak Winds: 20 kt (east of Caribbean)

Peak Seas: 8 ft (east of Caribbean)

- Wave heights are in feet



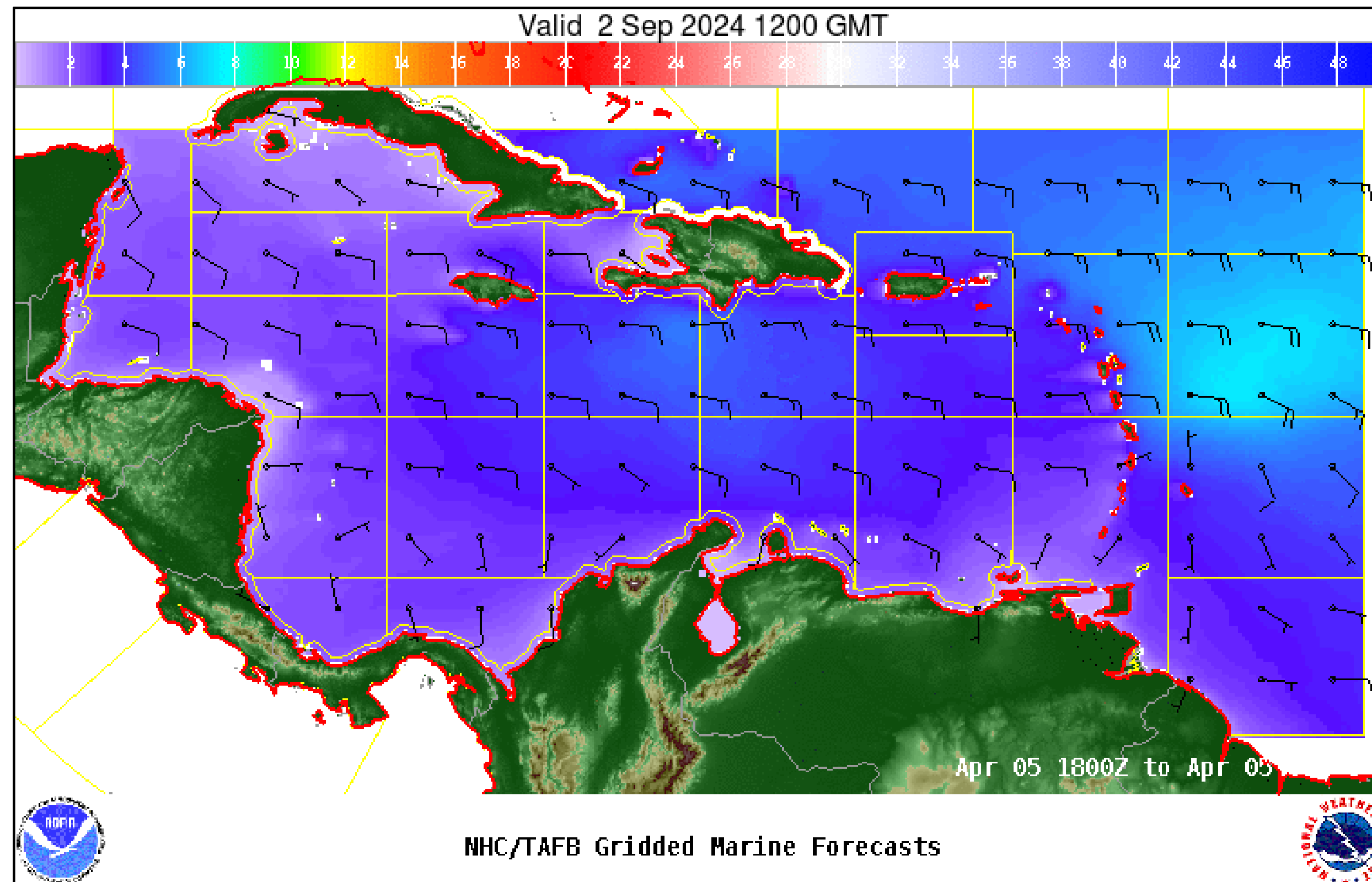
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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48 Hour Forecast

Monday Morning

Peak Winds: 20 kt (approaching the Caribbean)

Peak Seas: 8-9 ft (approaching the Caribbean)

- Wave heights are in feet



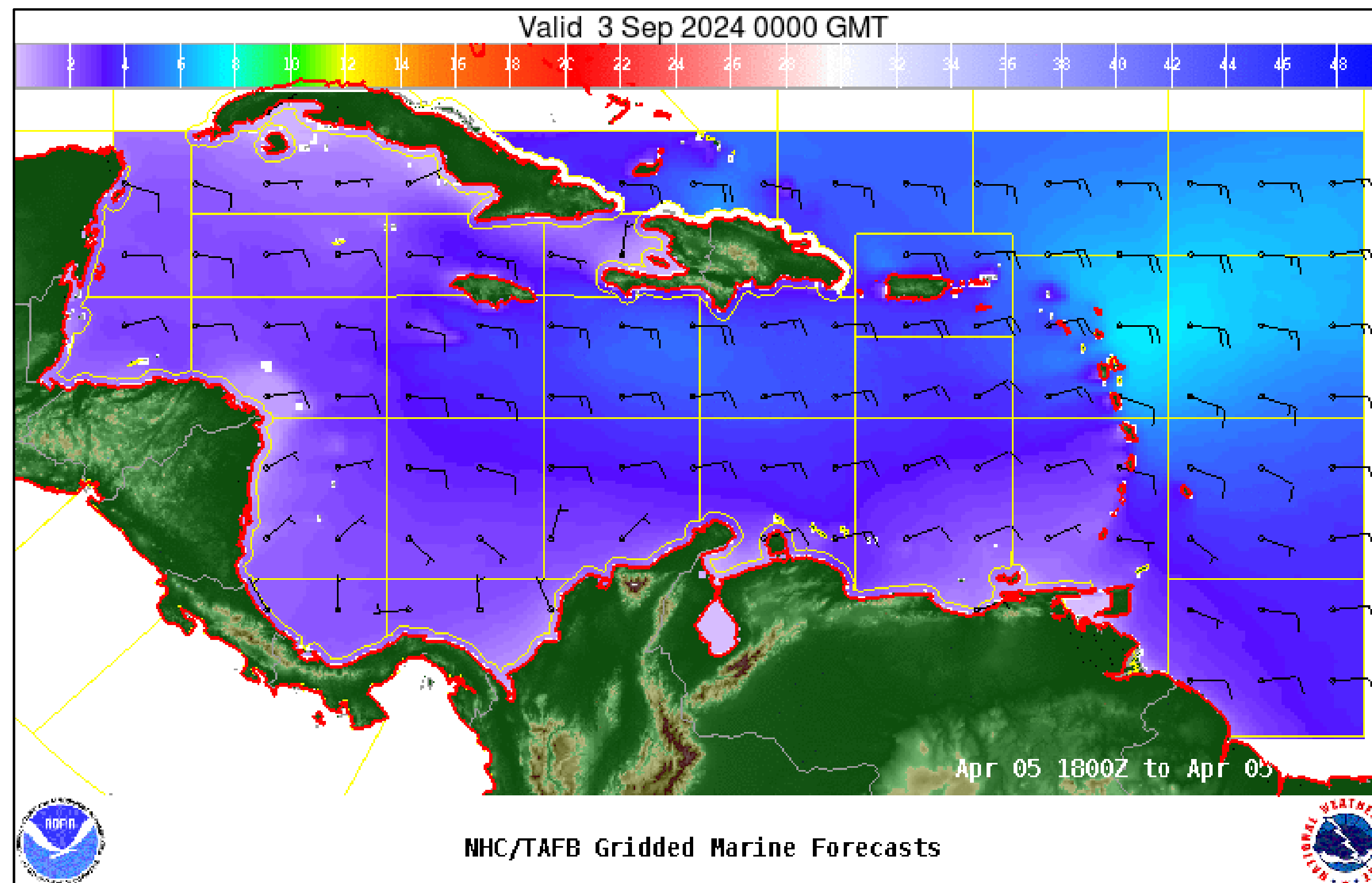
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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60 Hour Forecast

Monday Night

Peak Winds: 20-25 kt (near the Leeward Islands)

Peak Seas: 8-9 ft (near the Leeward Islands)

- Wave heights are in feet



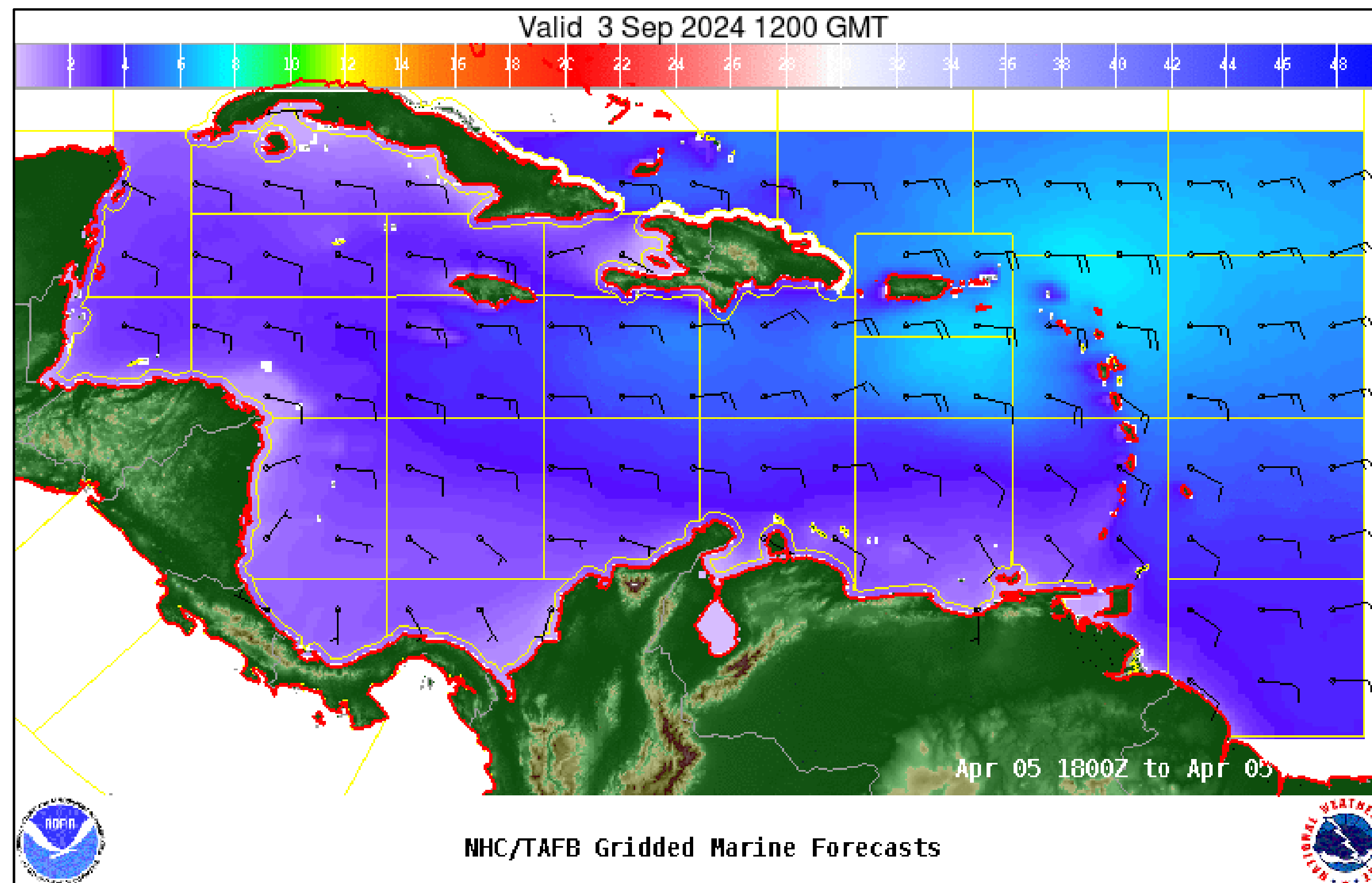
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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72 Hour Forecast **Tuesday Morning**

Peak Winds: 20-25 kt (NE Caribbean and adjacent Atlantic waters)

Peak Seas: 8-9 ft (NE Caribbean and adjacent Atlantic waters)

- Wave heights are in feet



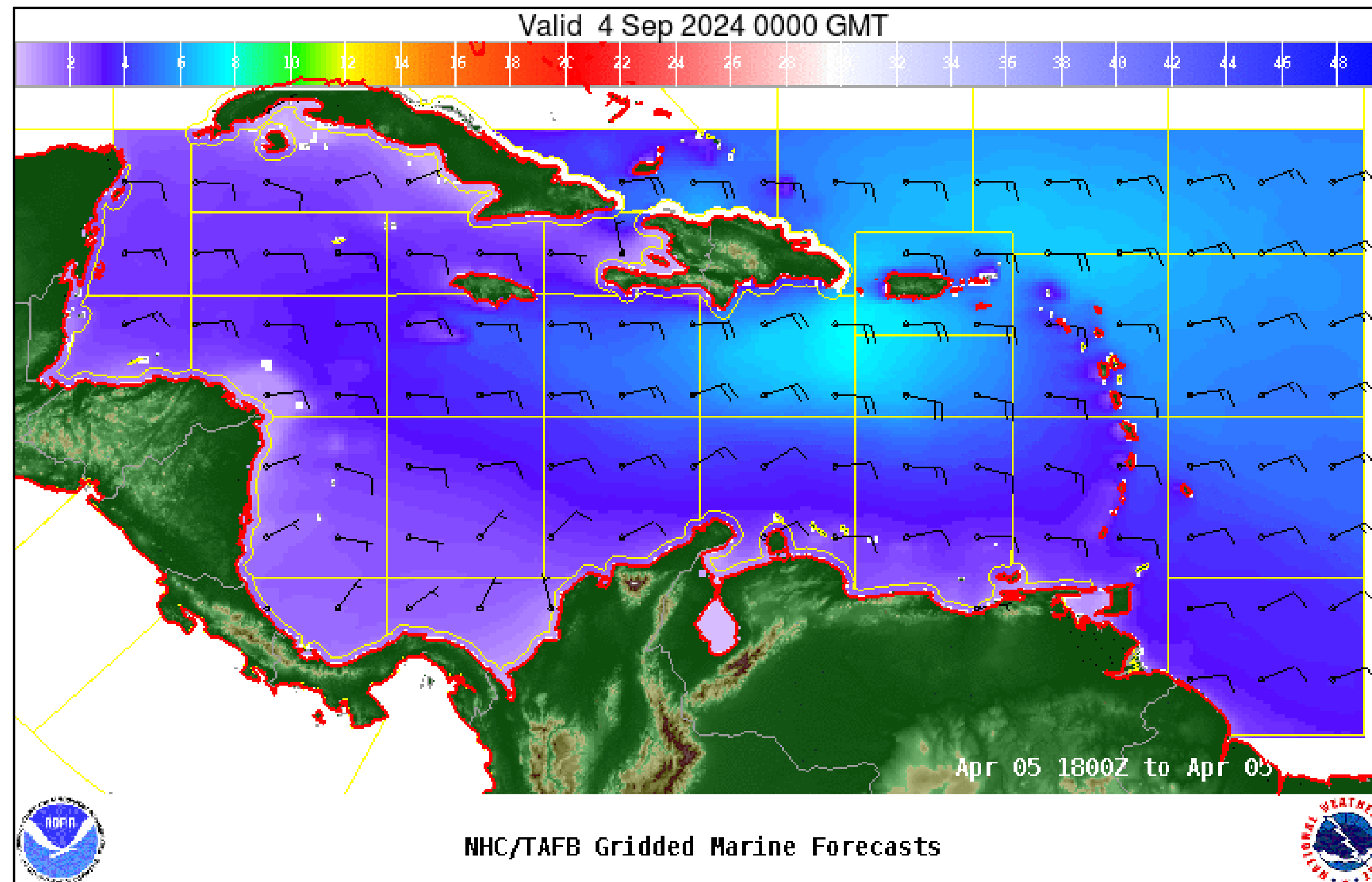
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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84 Hour Forecast

Tuesday Night

Peak Winds: 20-25 kt (moving to N-central Caribbean)

Peak Seas: 8-9 ft (moving to N-central Caribbean)

- Wave heights are in feet



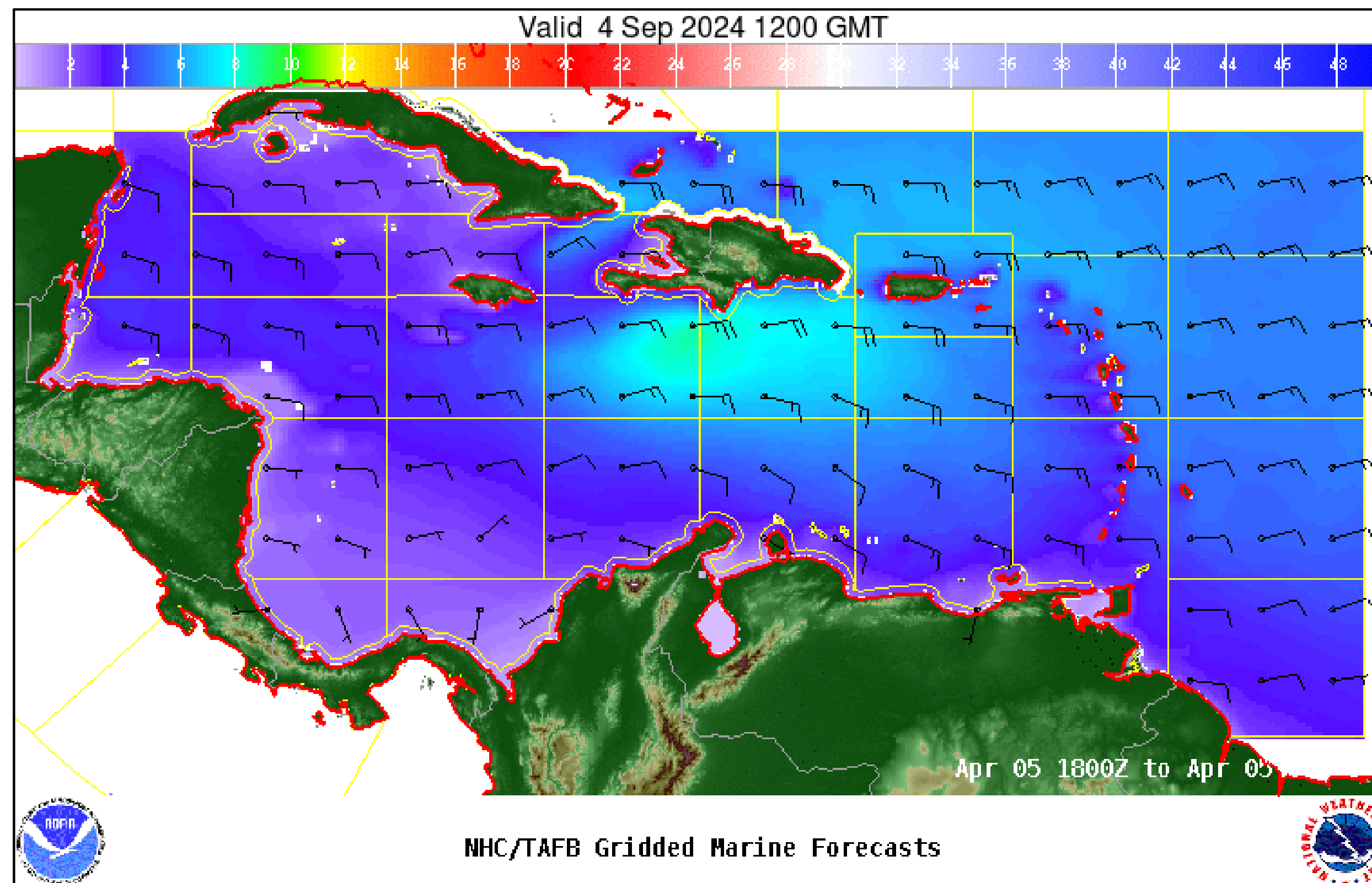
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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96 Hour Forecast

Wednesday Morning

Peak Winds: 20-30 kt (N-central Caribbean)

Peak Seas: 8-10 ft (N-central Caribbean)

- Wave heights are in feet



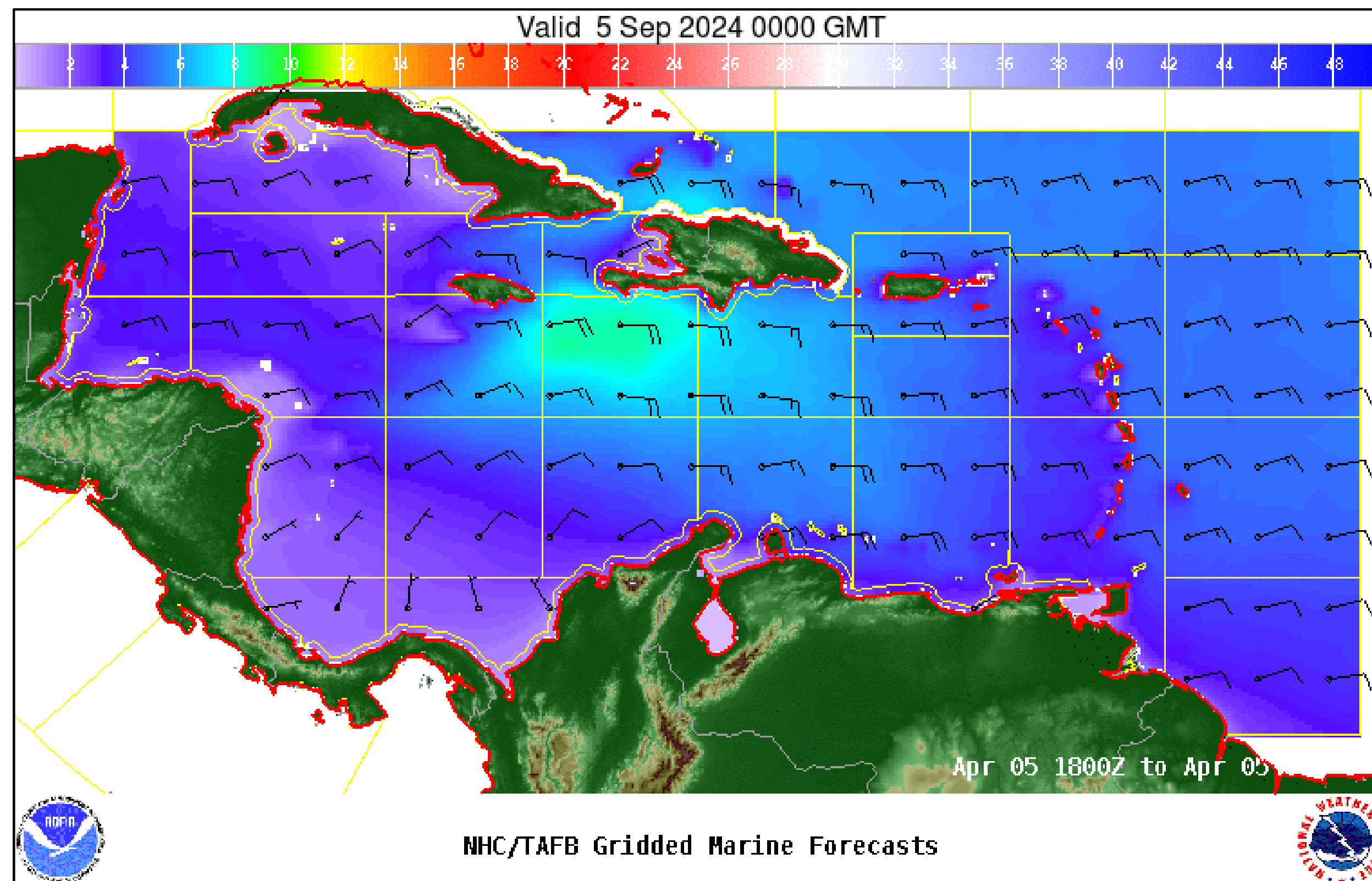
Significant Wave Height (ft)

Wind And Waves

Tropical Wave



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108 Hour Forecast

Wednesday Night

Peak Winds: 20-25 kt (N-central Caribbean)

Peak Seas: 8-10 ft (N-central Caribbean)

- Wave heights are in feet



Significant Wave Height (ft)



Rainfall Storm Totals:

- **What: 1-2 inches with 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 Sunday morning.*



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 Will Be:
Sunday 8:00 AM EDT*

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



NHC_TAFB

www.nhc.noaa.gov