

TROPICAL ATLANTIC MARINE WEATHER BRIEFING



Sunday, January 7, 2024

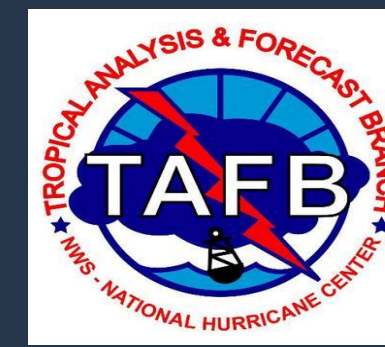
VALID THROUGH Friday, January 12

Prepared by:

Amanda Reinhart

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*





Gulf of Mexico Gale Warning

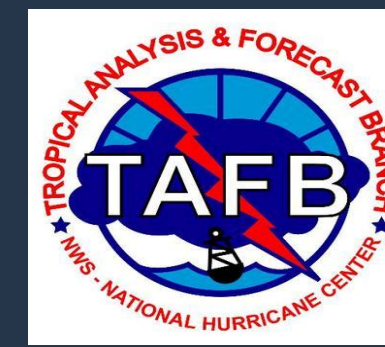
- **What:** Winds 30-40 kt
- **Where:** Most of the Gulf of Mexico
- **When:** Monday morning through Tuesday night

Atlantic Ocean Gale Warning

- **What:** Winds 30-40 kt
- **Where:** West of 69W to off the Florida Coast
- **When:** Tuesday morning through Wednesday morning

Caribbean Sea Gale Warning

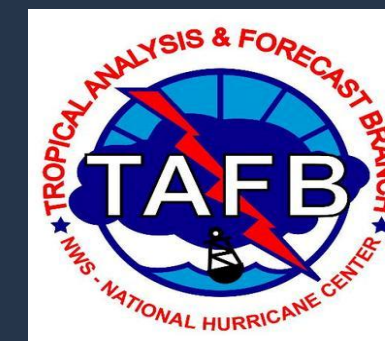
- **What:** Winds 30-35 kt
- **Where:** Off the coast of Colombia
- **When:** Sunday night



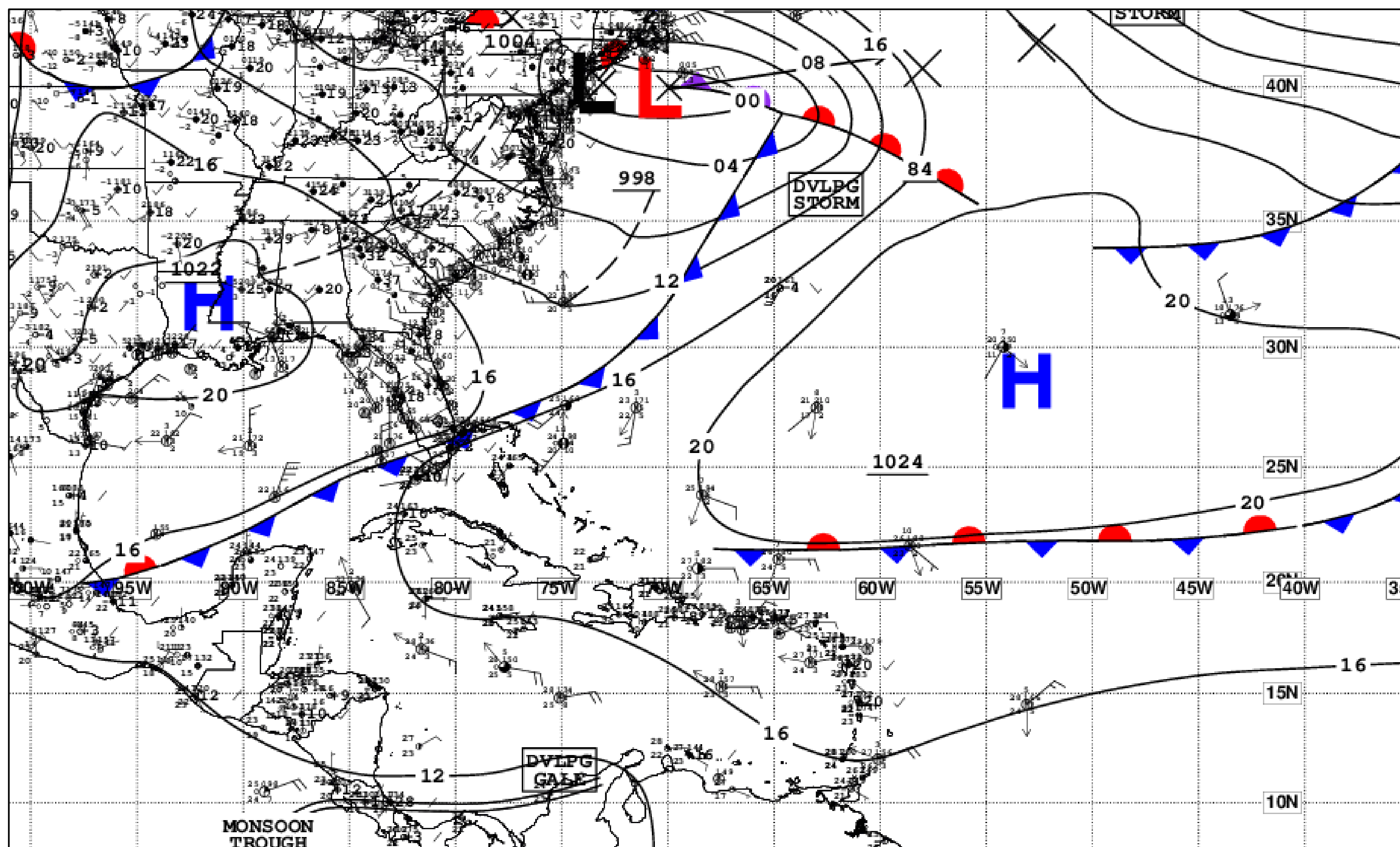
Atlantic Ocean Significant Swell Event

- **What:** Significant NW swell with seas 12-24 ft
- **Where:** Central Atlantic, N of 16N and W of 70W
- **When:** Ongoing through the rest of the week

Surface Analysis



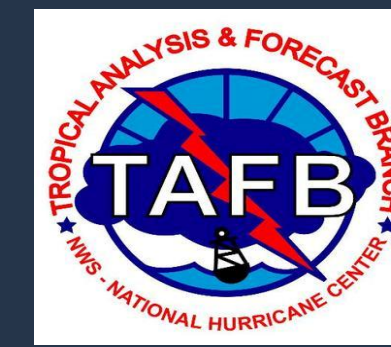
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- Strong cold front draped across N western Atlantic
- Sprawling high pressure in the central Atlantic
- Stationary front in the central Atlantic

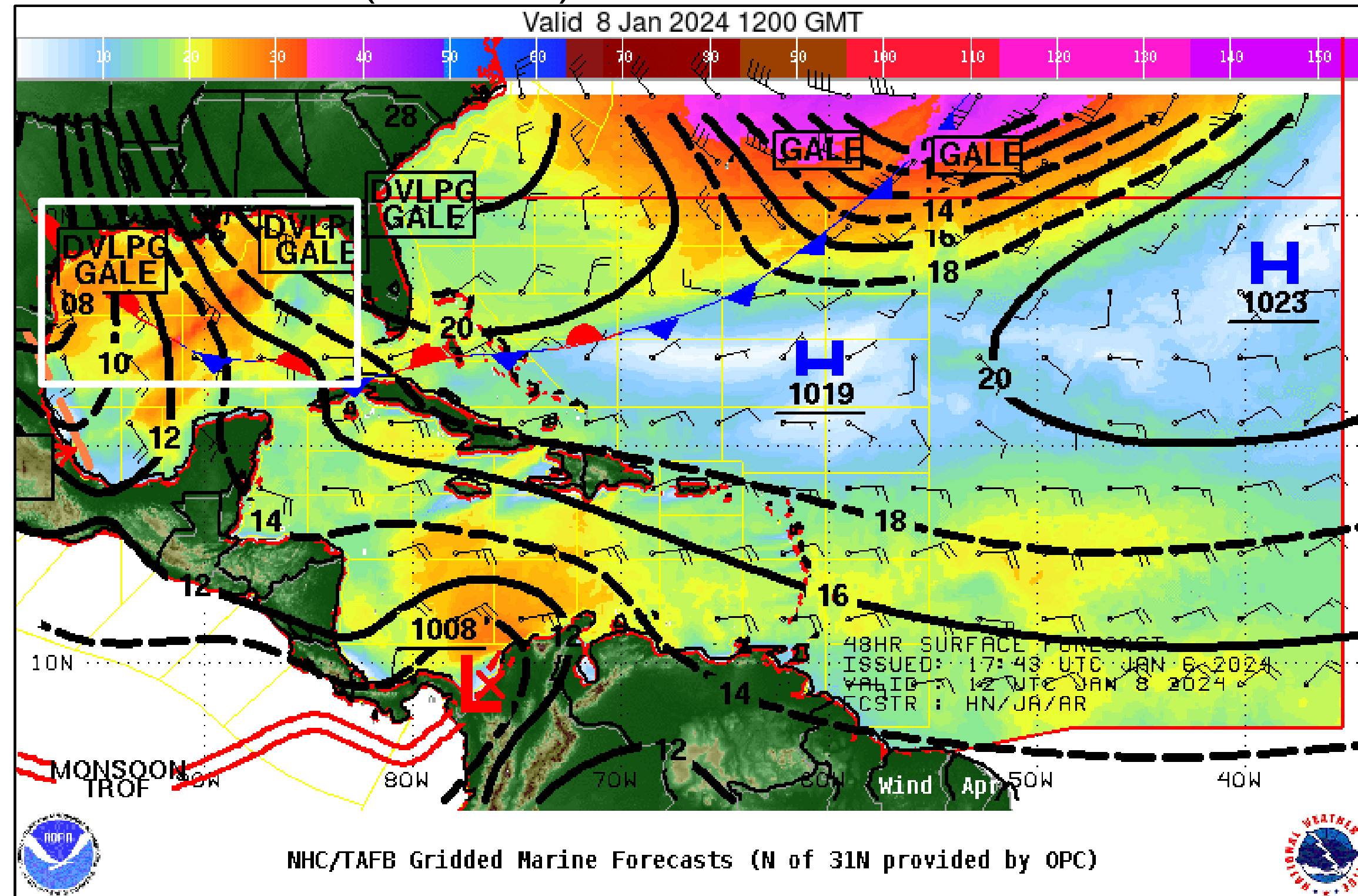
Wind And Waves

24 Hour Forecast – **Monday, January 8, 2024**

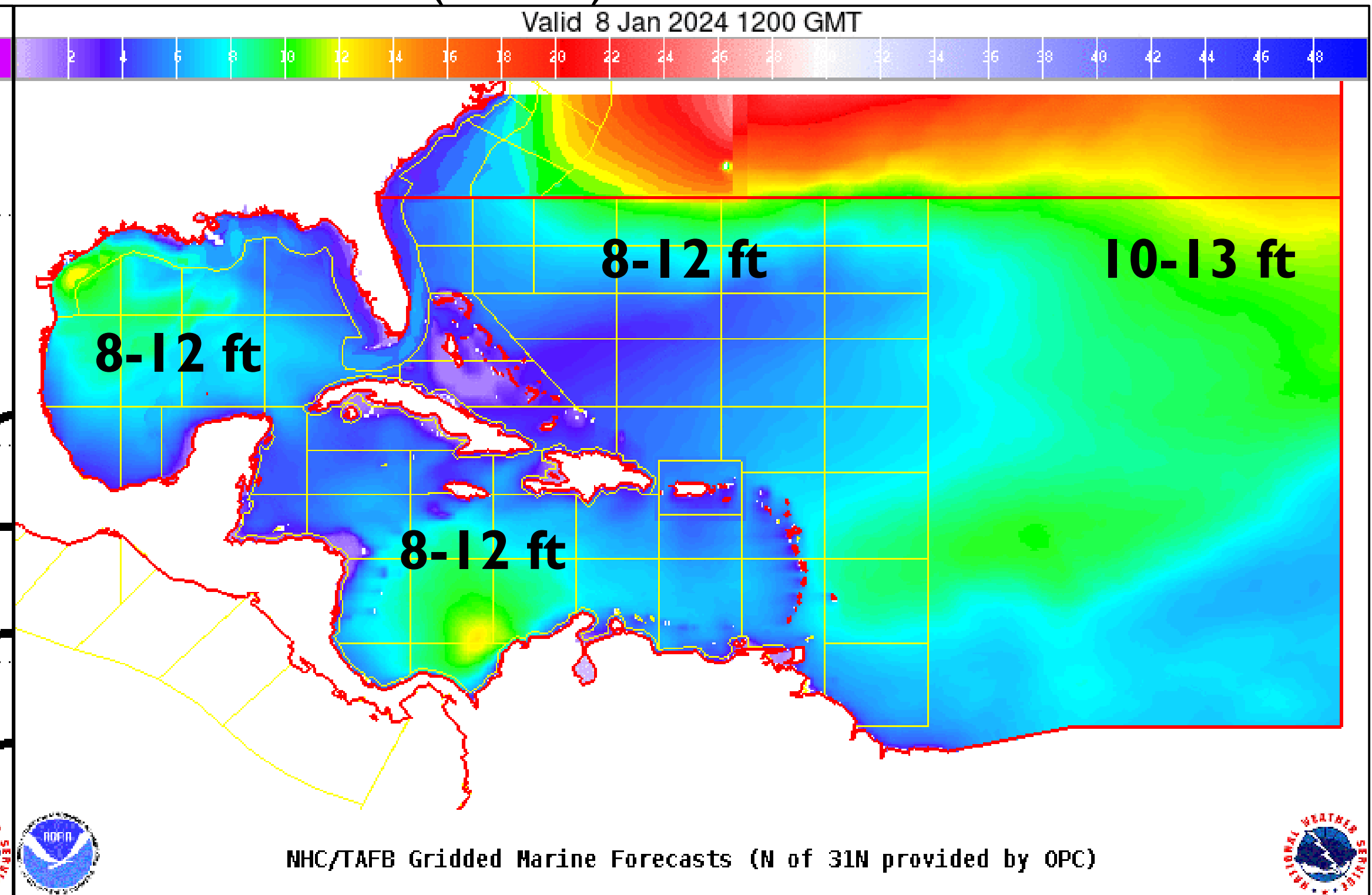


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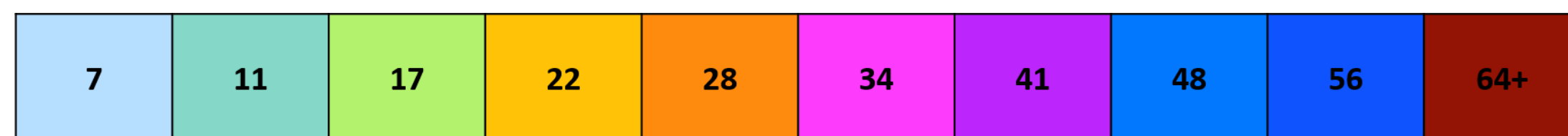
WIND SPEED (in knots)



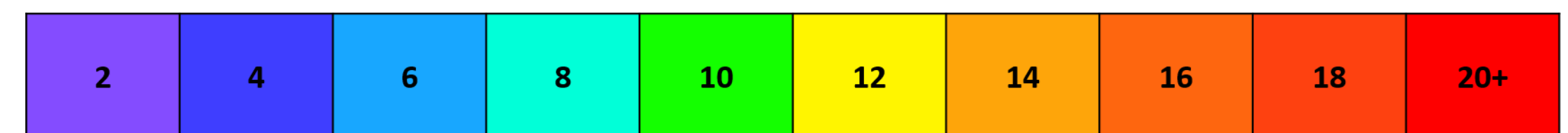
WAVE HEIGHT (in feet)



**White box indicates where the
gale warnings are**



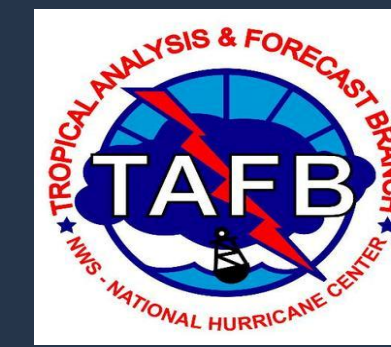
Sustained Wind Speed (kt)



Significant Wave Height (ft)

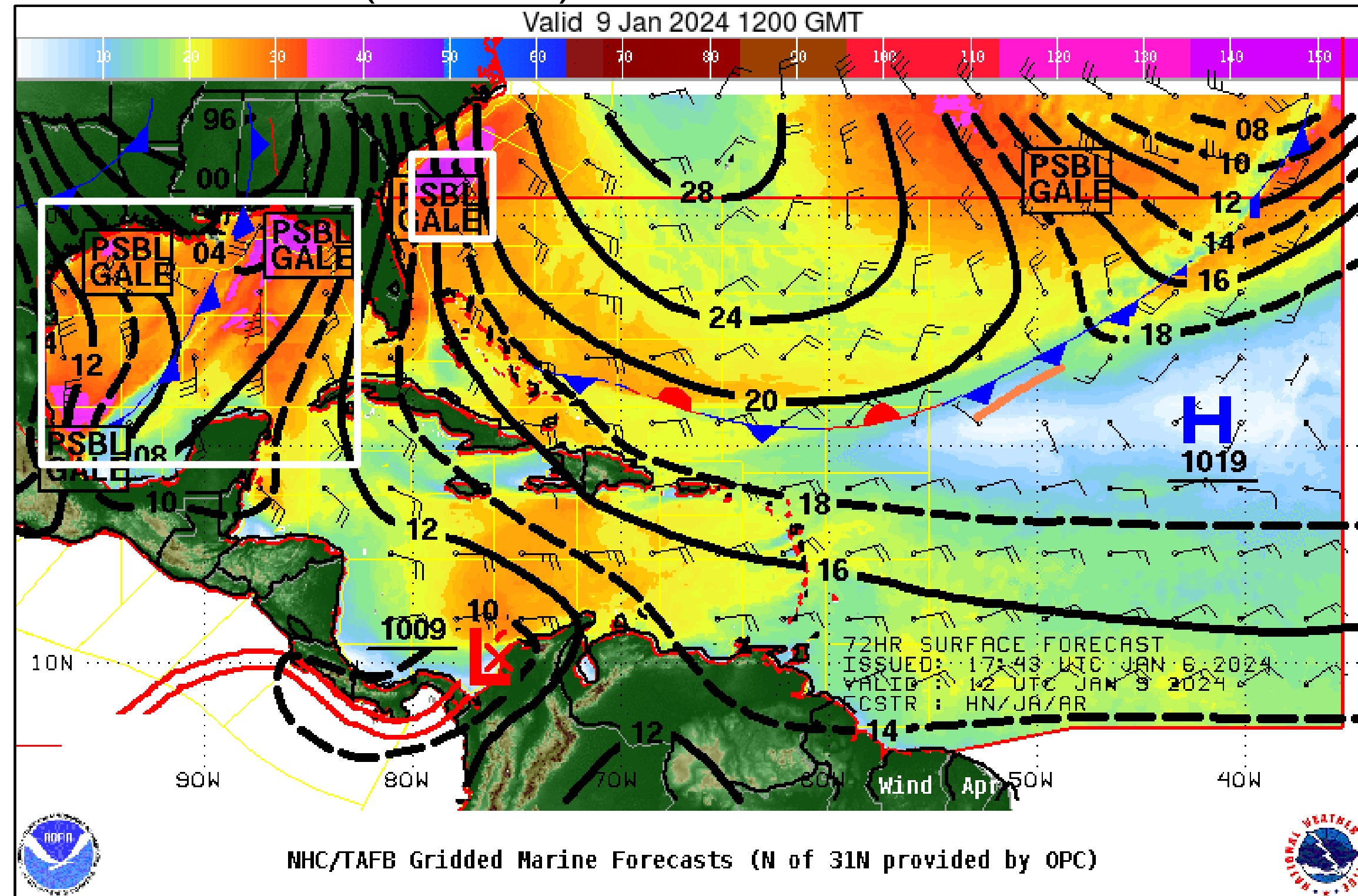
Wind And Waves

48 Hour Forecast – **Tuesday, January 9, 2024**

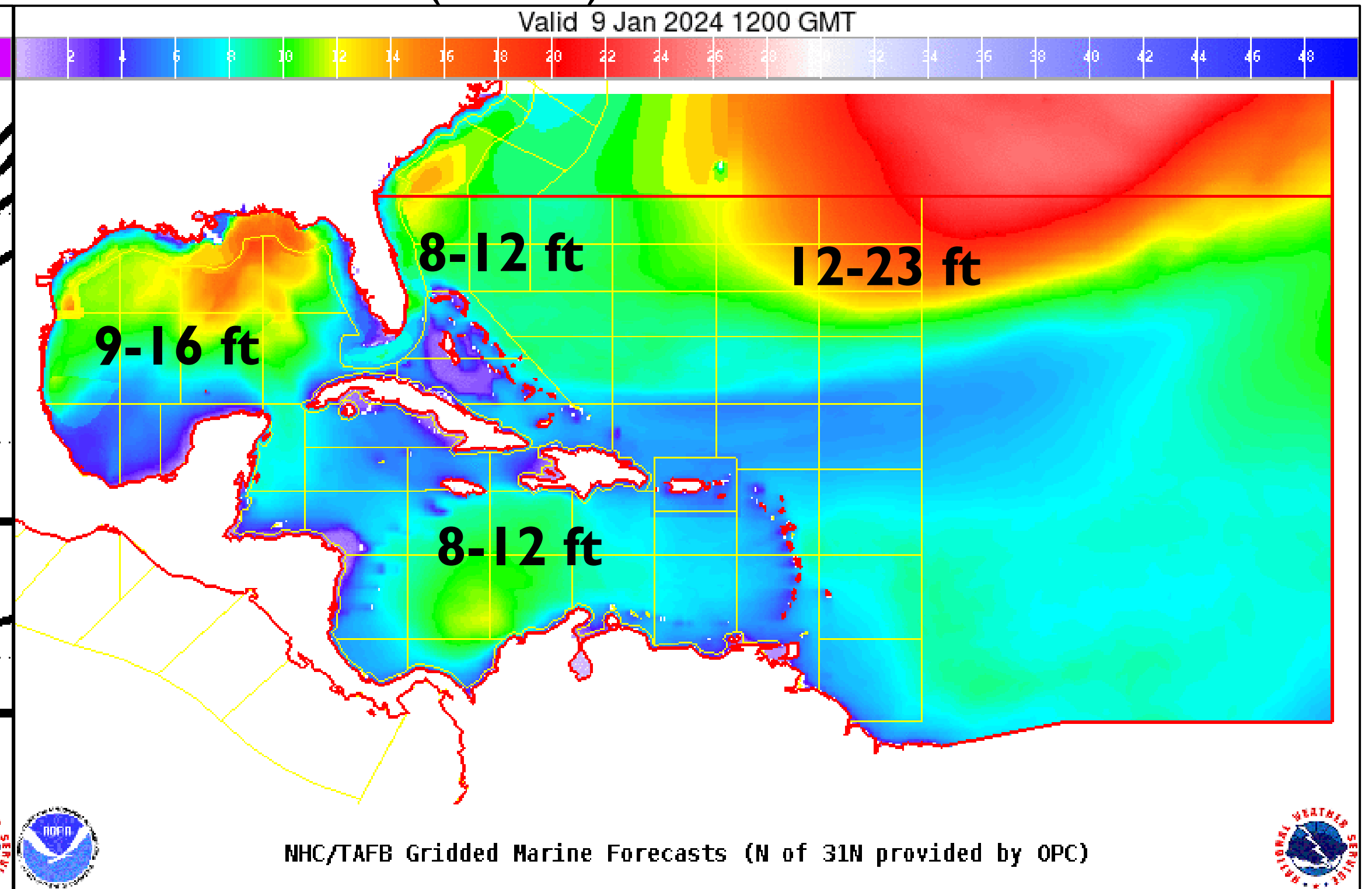


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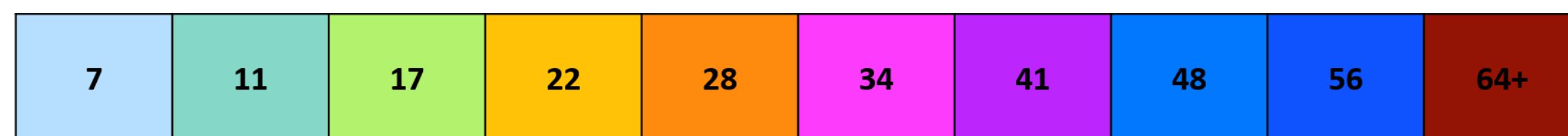
WIND SPEED (in knots)



WAVE HEIGHT (in feet)



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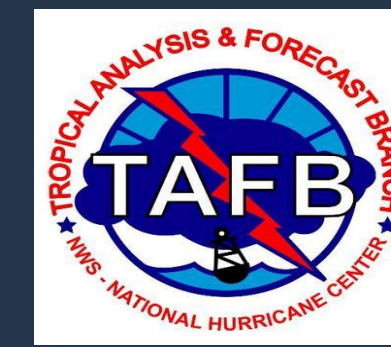
Sustained Wind Speed (kt)



Significant Wave Height (ft)

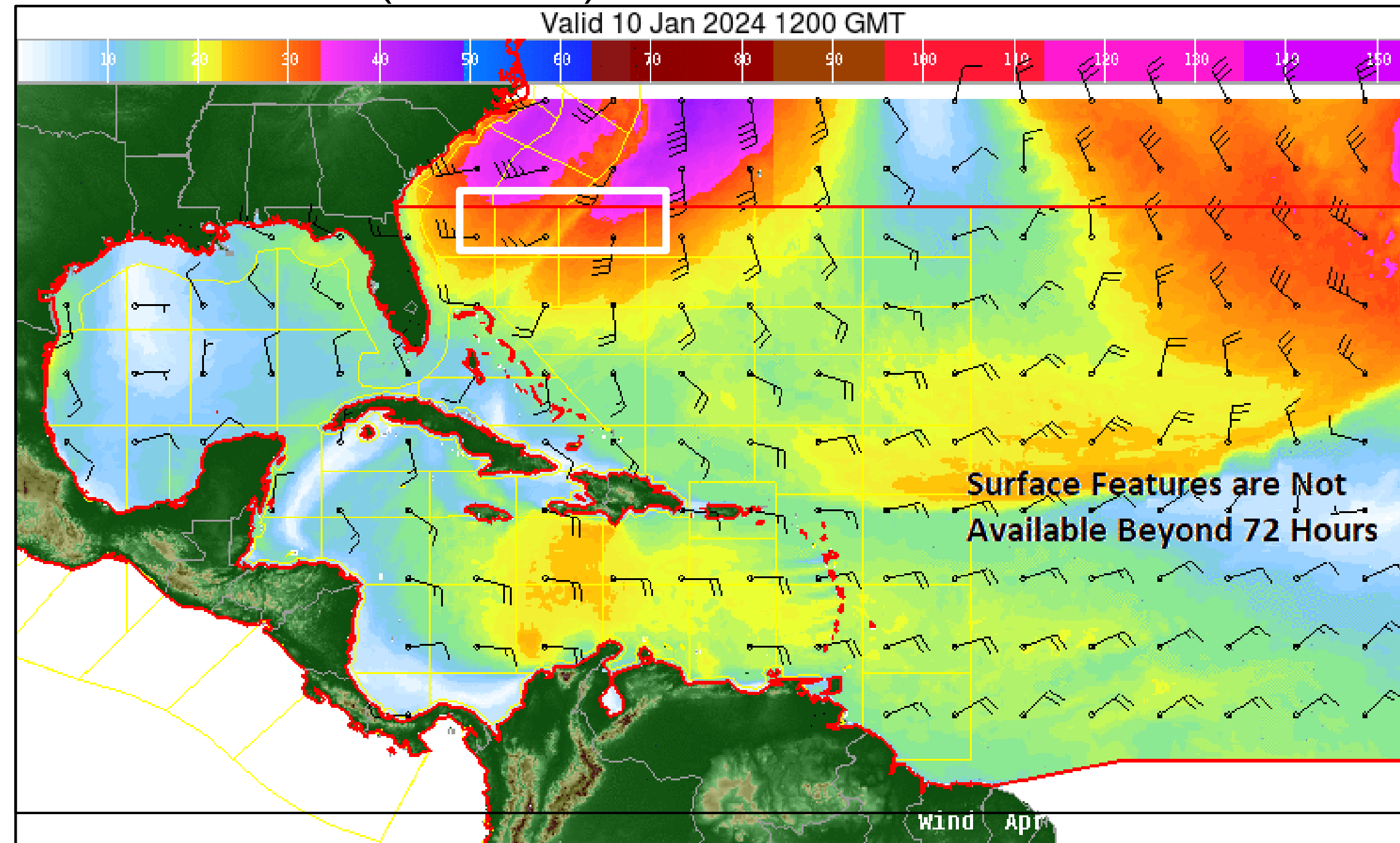
Wind And Waves

72 Hour Forecast – **Wednesday, January 10, 2024**



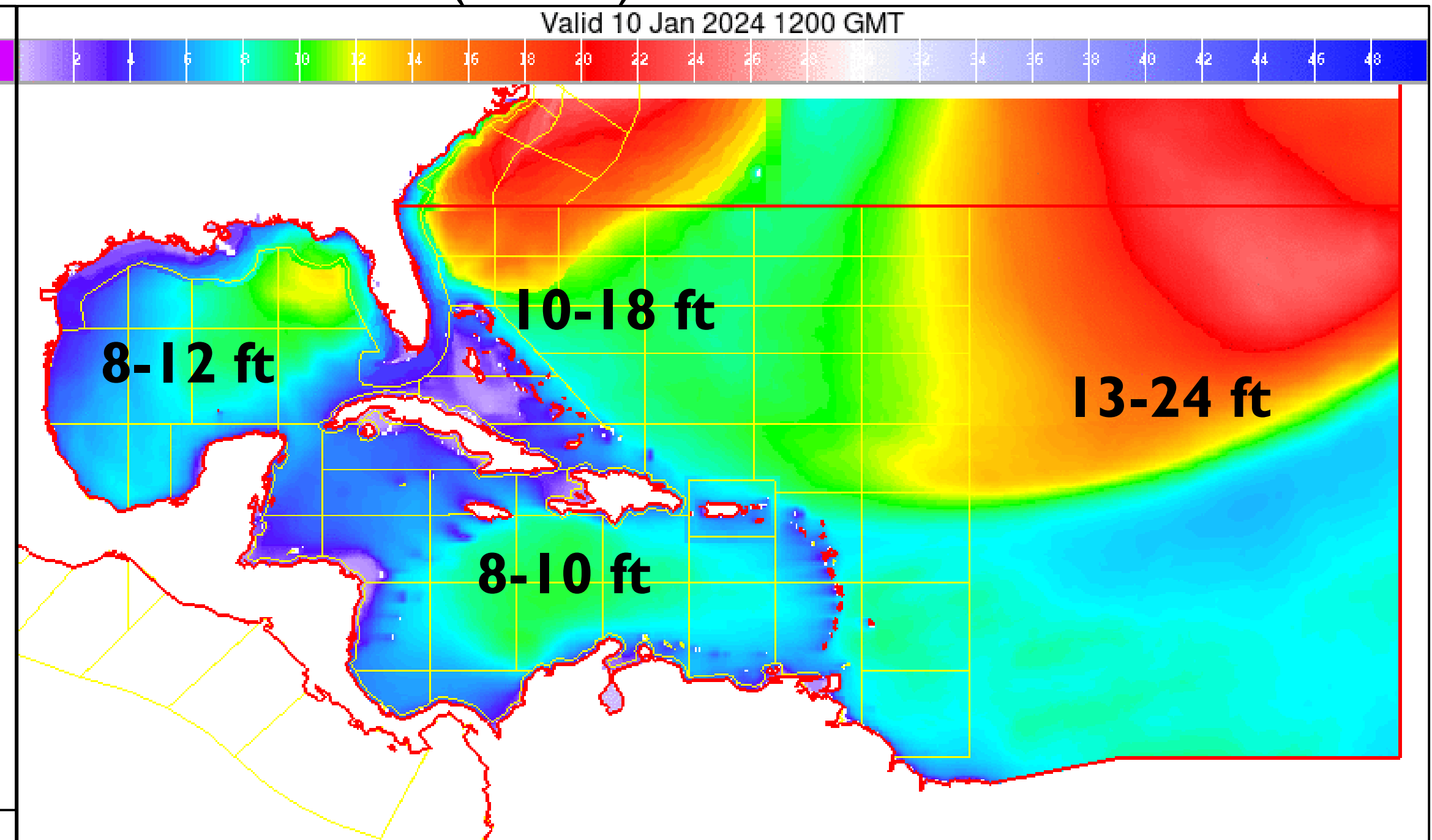
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WIND SPEED (in knots)



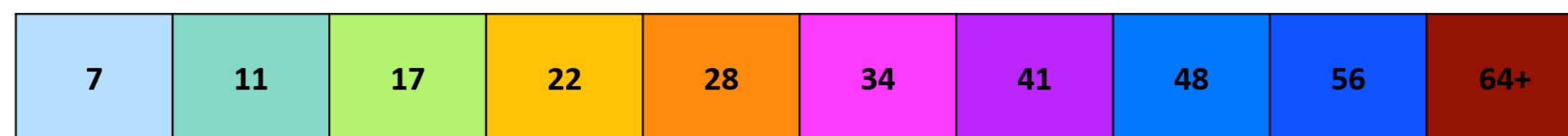
NHC/TAFB Gridded Marine Forecasts (N of 31N provided by OPC)

WAVE HEIGHT (in feet)

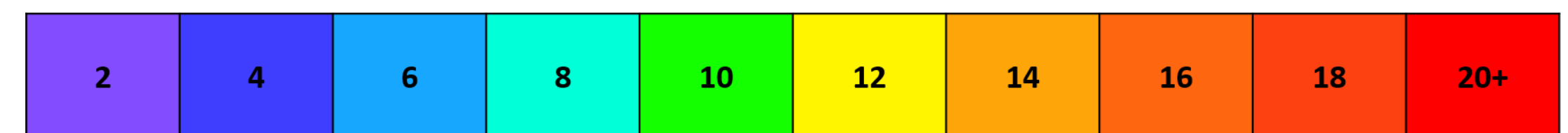


NHC/TAFB Gridded Marine Forecasts (N of 31N provided by OPC)

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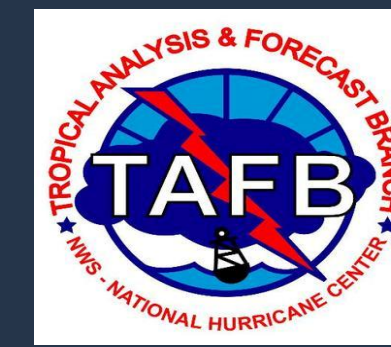
Sustained Wind Speed (kt)



Significant Wave Height (ft)

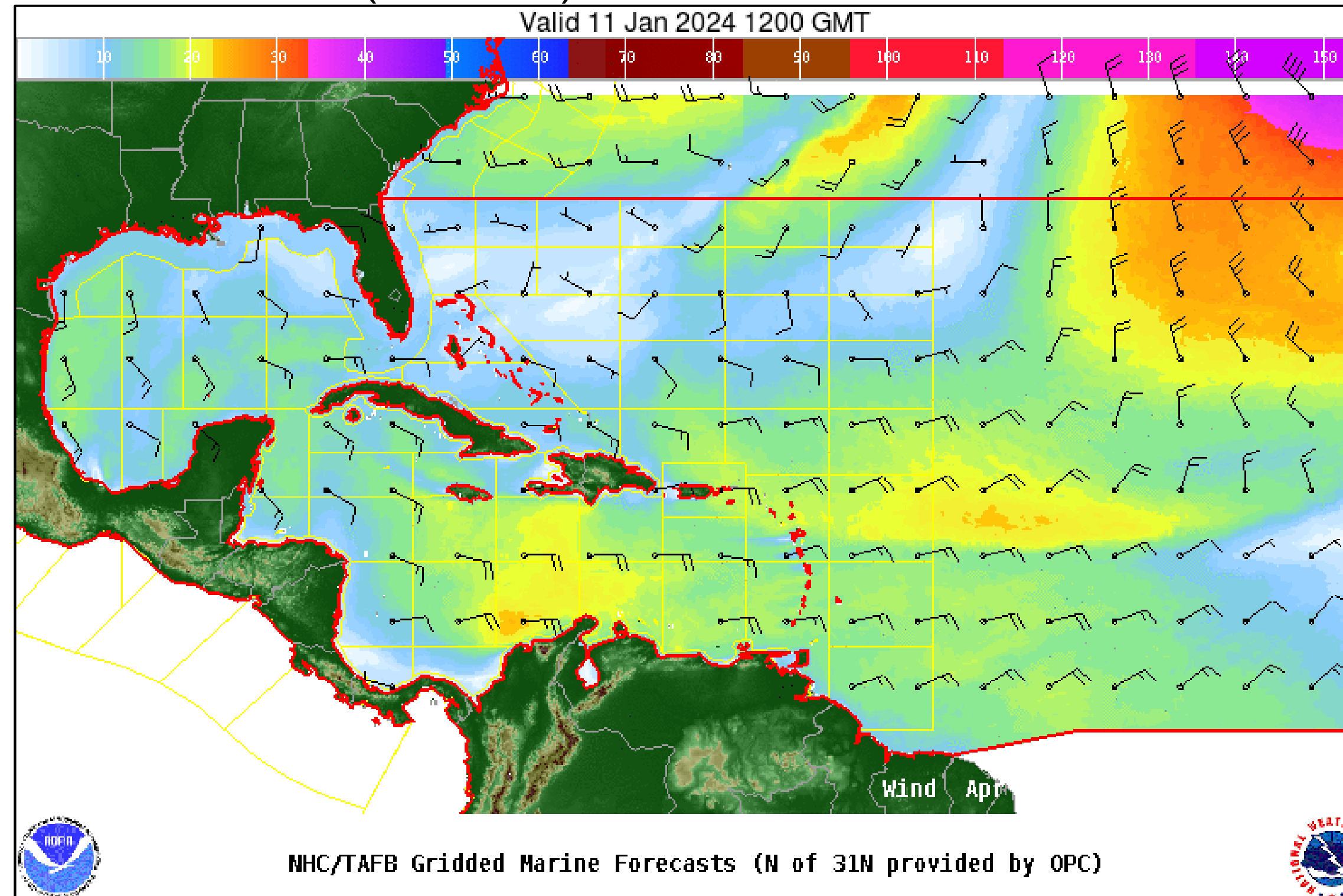
Wind And Waves

96 Hour Forecast – **Thursday, January 11, 2024**

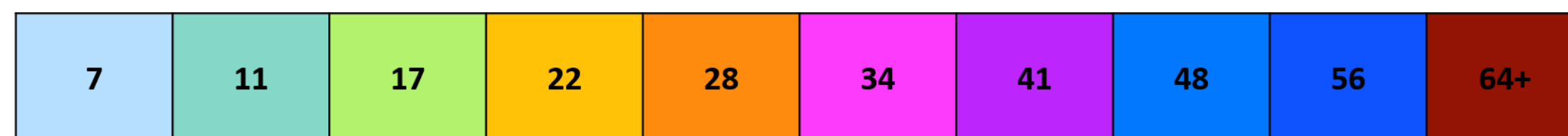
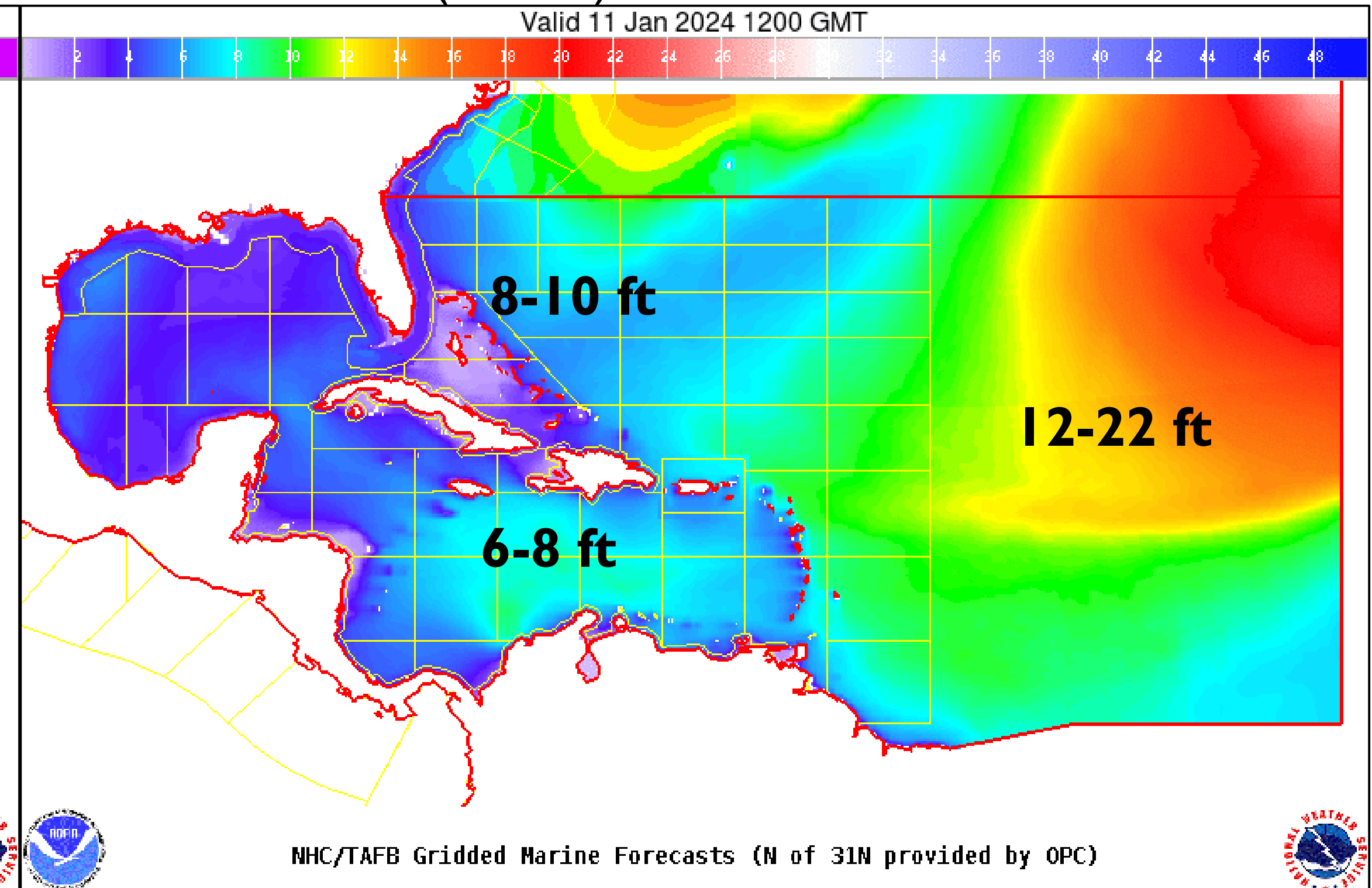


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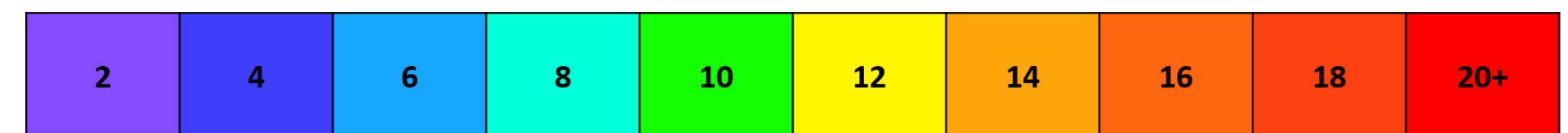
WIND SPEED (in knots)



WAVE HEIGHT (in feet)



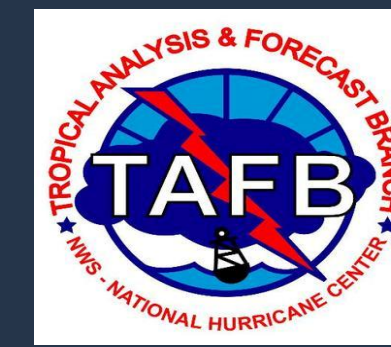
Sustained Wind Speed (kt)



Significant Wave Height (ft)

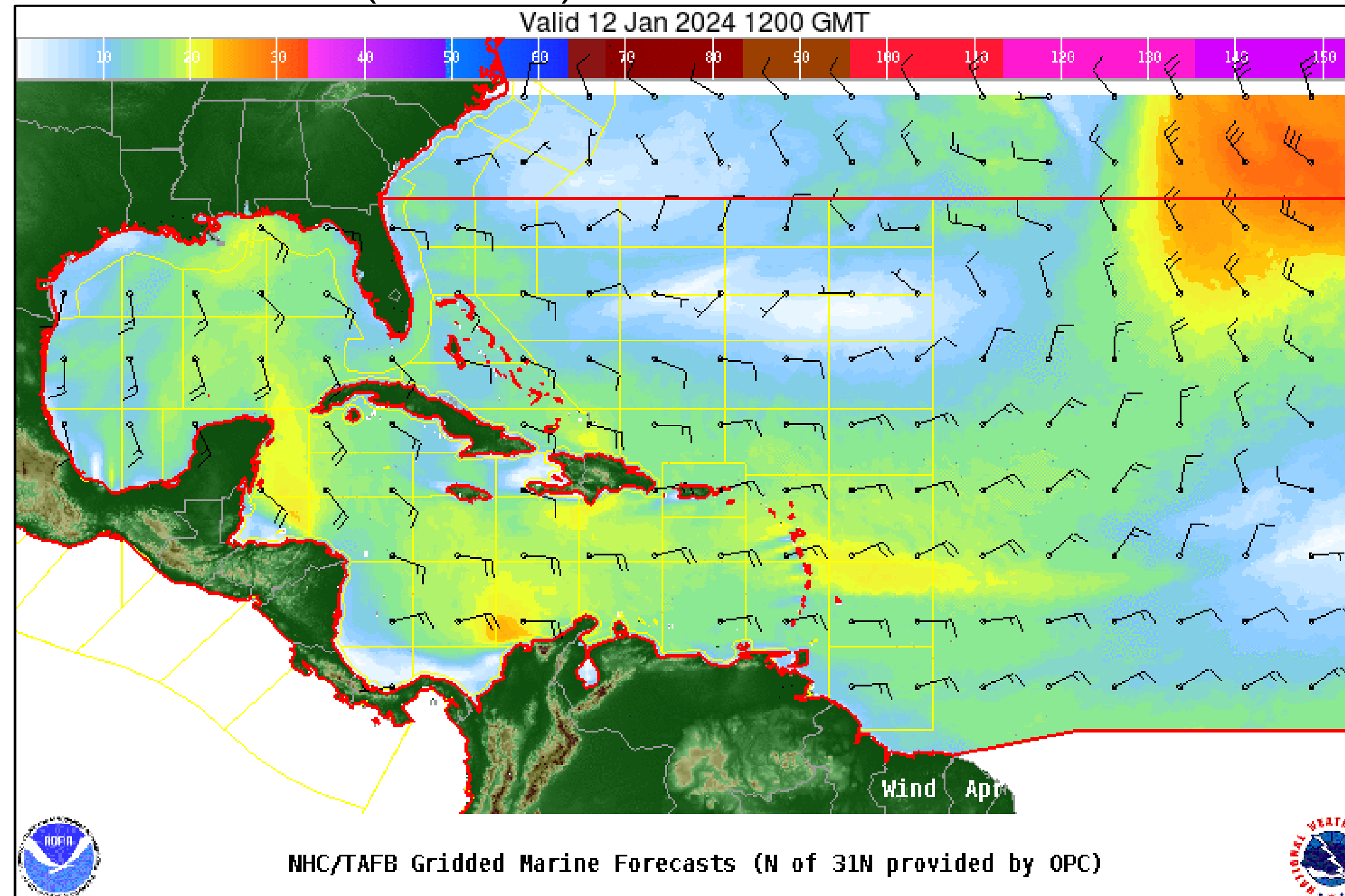
Wind And Waves

120 Hour Forecast – **Friday, January 12, 2024**

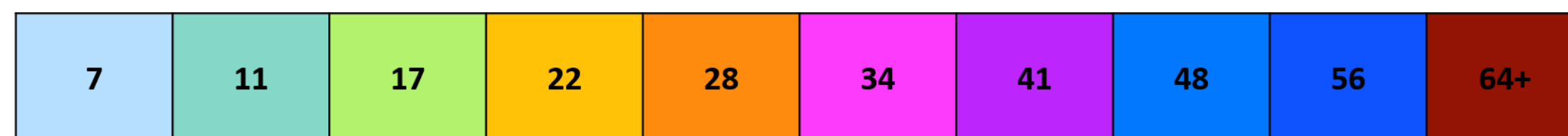
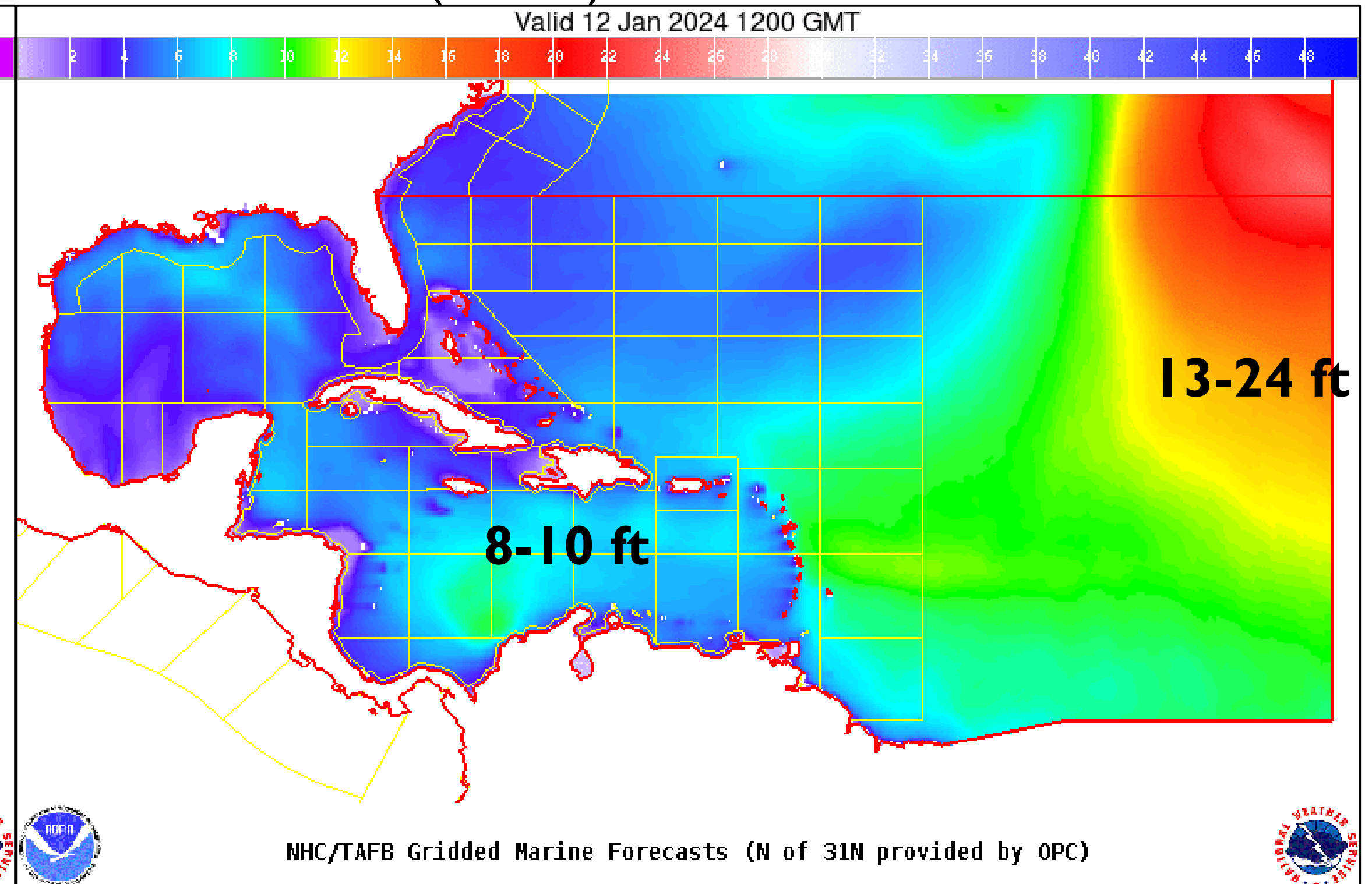


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WIND SPEED (in knots)



WAVE HEIGHT (in feet)



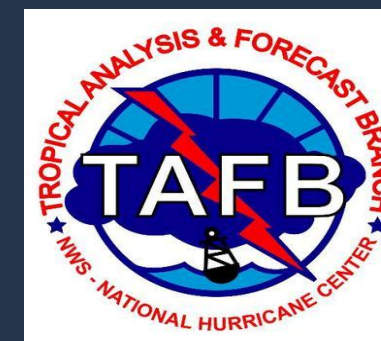
Sustained Wind Speed (kt)



Significant Wave Height (ft)

Summary

Warnings



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NEXT BRIEFING: **Thursday, January 11, 2024 at 5pm**

*You can always get the latest graphics and information at
www.hurricanes.gov/marine*



NHC_TAFB

www.nhc.noaa.gov