

IMPACTS FOR District 7 (through next 5 days)

Winds – Low

Storm Surge – Low

Rainfall/Flash Flooding – Low

Tornadoes – None

Waves - Low

WESTERN ATLANTIC LOW BRIEFING



8:30 AM EDT
Monday, June 17, 2024

Prepared by:

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*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

www.nhc.noaa.gov



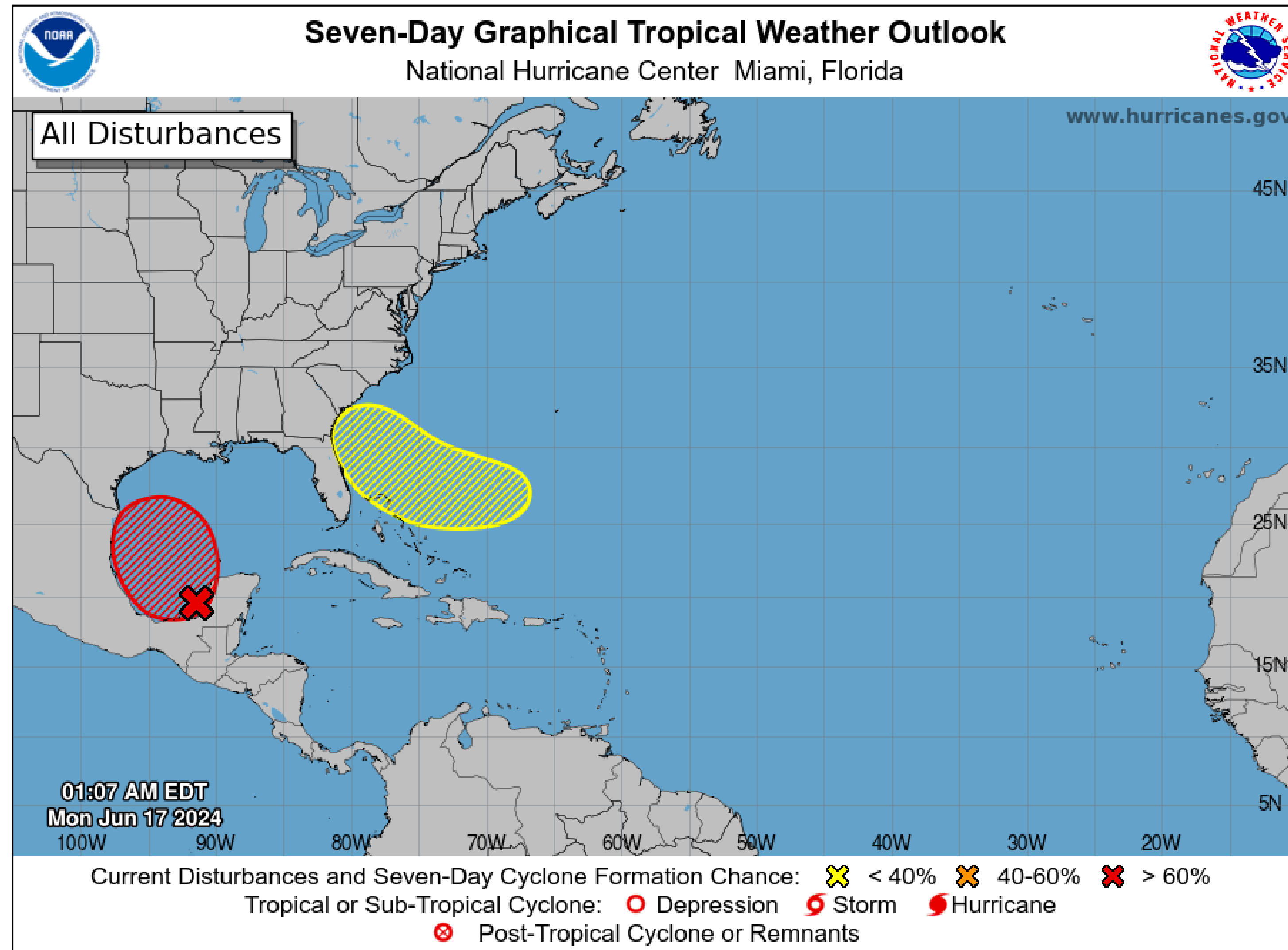
- **Wind:** E winds 20-30 kt developing later Tue and spreading to most Atlantic coastal areas through Fri. Gale conditions can't be ruled out.
- **Waves:** Winds generated seas of 10-12 ft with high surf/rip currents on Atlantic beaches
- **Storm Surge:** Minor tidal inundation
- **Rainfall Flooding:** heaviest rain potential NE FL, coastal GA

Tropical Weather Outlook

Western Atlantic Low



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■ Yellow area:

- No tropical development expected through Tue night.
- Low pressure is forecast late this week, but only low chance (30%) of tropical formation

■ Red area:

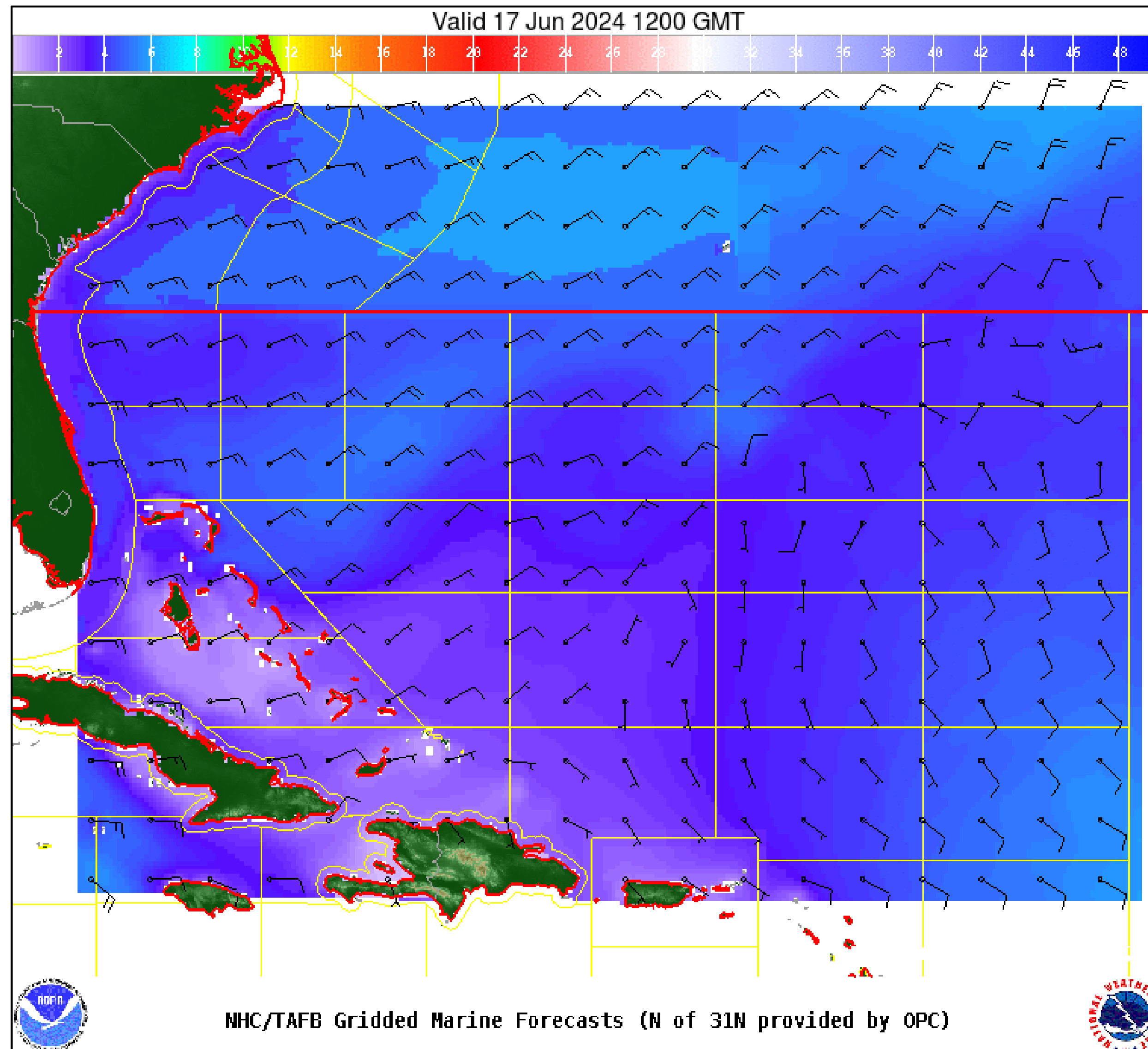
- High risk of tropical formation later this week (70%)
- Widespread heavy rain and gales western Gulf
- NO impact on D7

Wind And Waves: Monday

Western Atlantic Low



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Current Conditions (Monday)
Peak Winds: NE winds 15 to 20 kt
Peak Seas: 5 to 7 ft

■ Wave heights are in feet



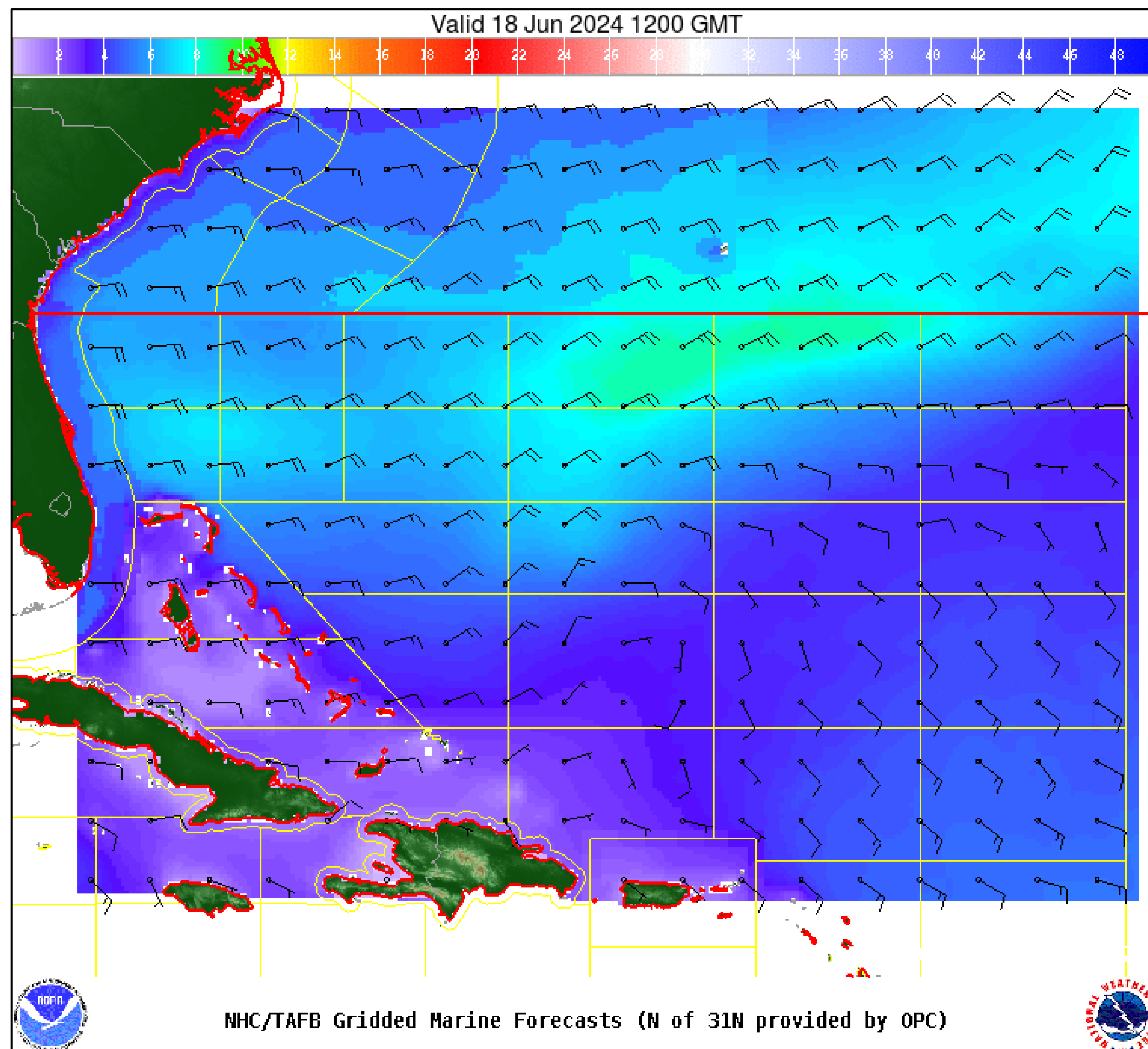
Significant Wave Height (ft)

Wind And Waves: Tuesday

Western Atlantic Low

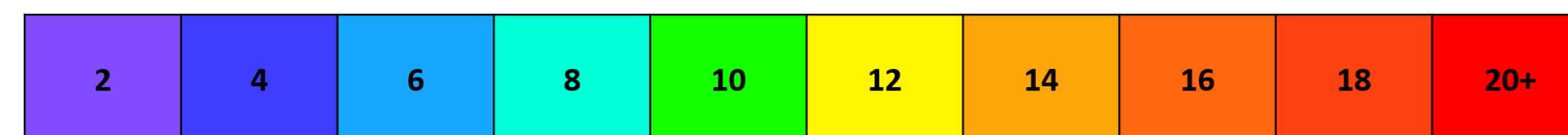


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Tuesday (June 18)
Peak Winds: NE to E 25 to 30 kt
Peak Seas: 7 to 9 ft

■ Wave heights are in feet



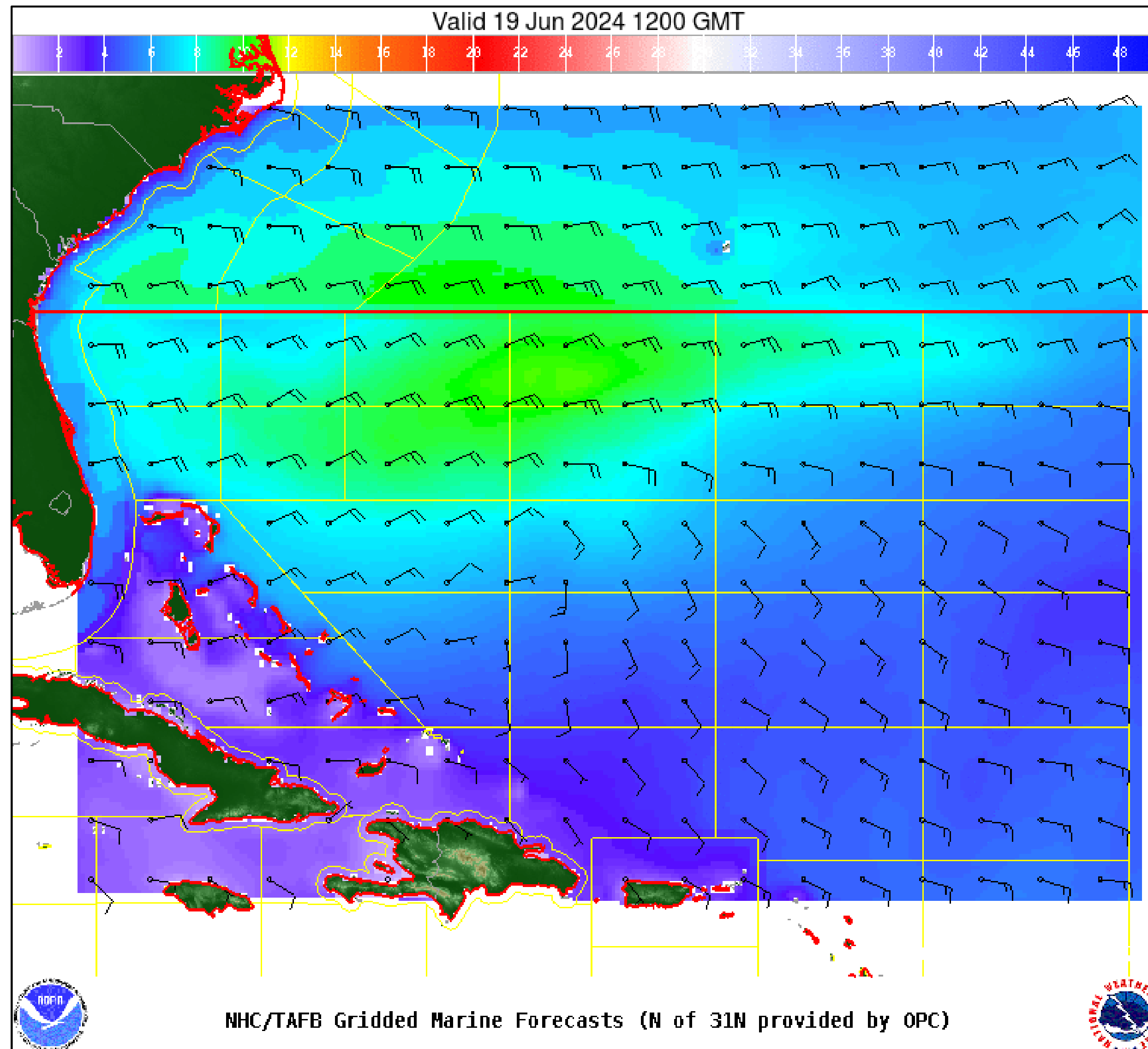
Significant Wave Height (ft)

Wind And Waves: Wednesday

Western Atlantic Low



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Wednesday (June 19)

Peak Winds: NE to E 25 to 30 kt (regardless of tropical formation)

Peak Seas: 9 to 11 ft

- Wave heights are in feet



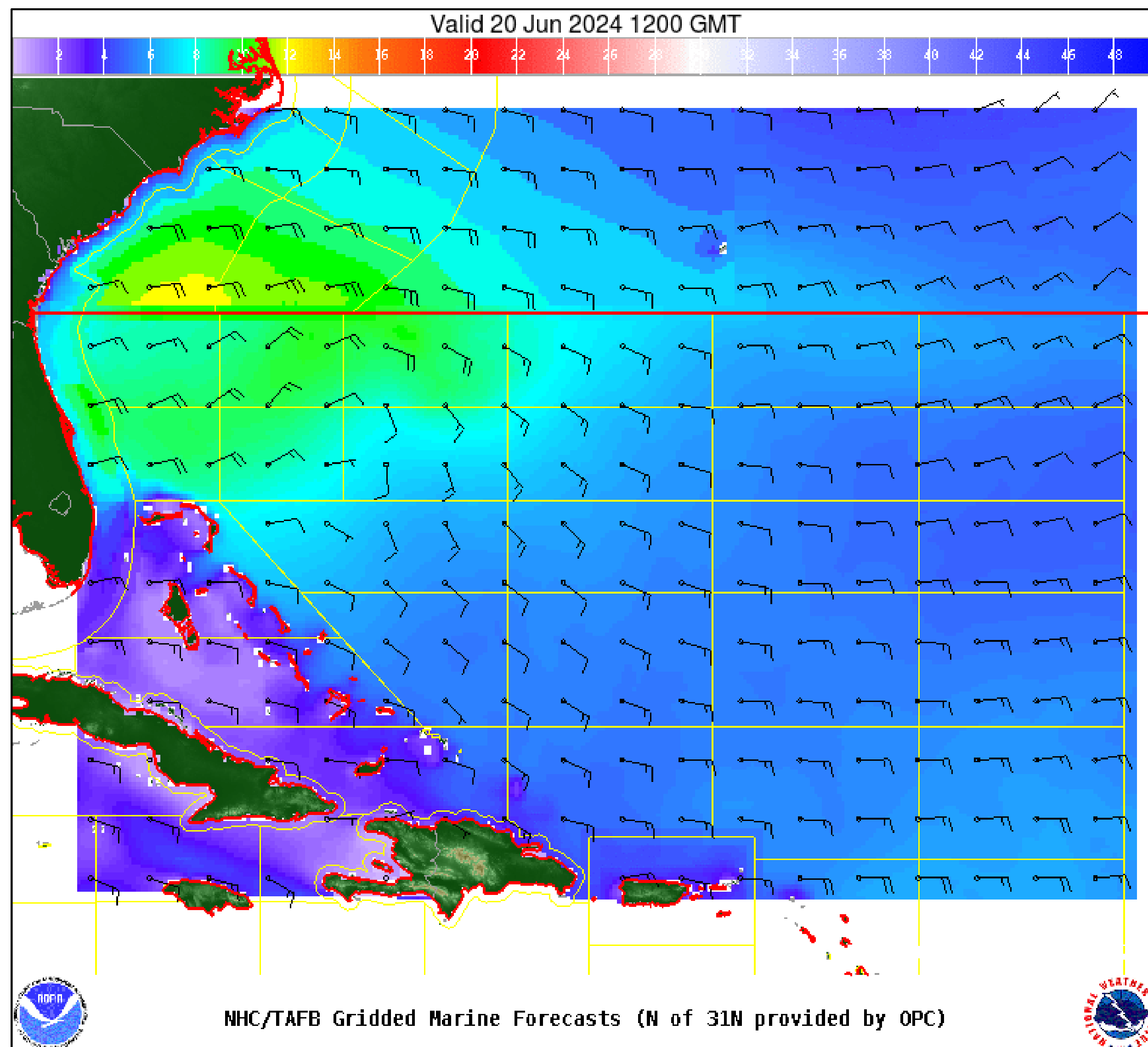
Significant Wave Height (ft)

Wind And Waves: Thursday

Western Atlantic Low



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Thursday (June 20)

Peak Winds: NE to E 25-30 kt (gales can't be ruled out)

Peak Seas: 10 to 12 ft

■ Wave heights are in feet



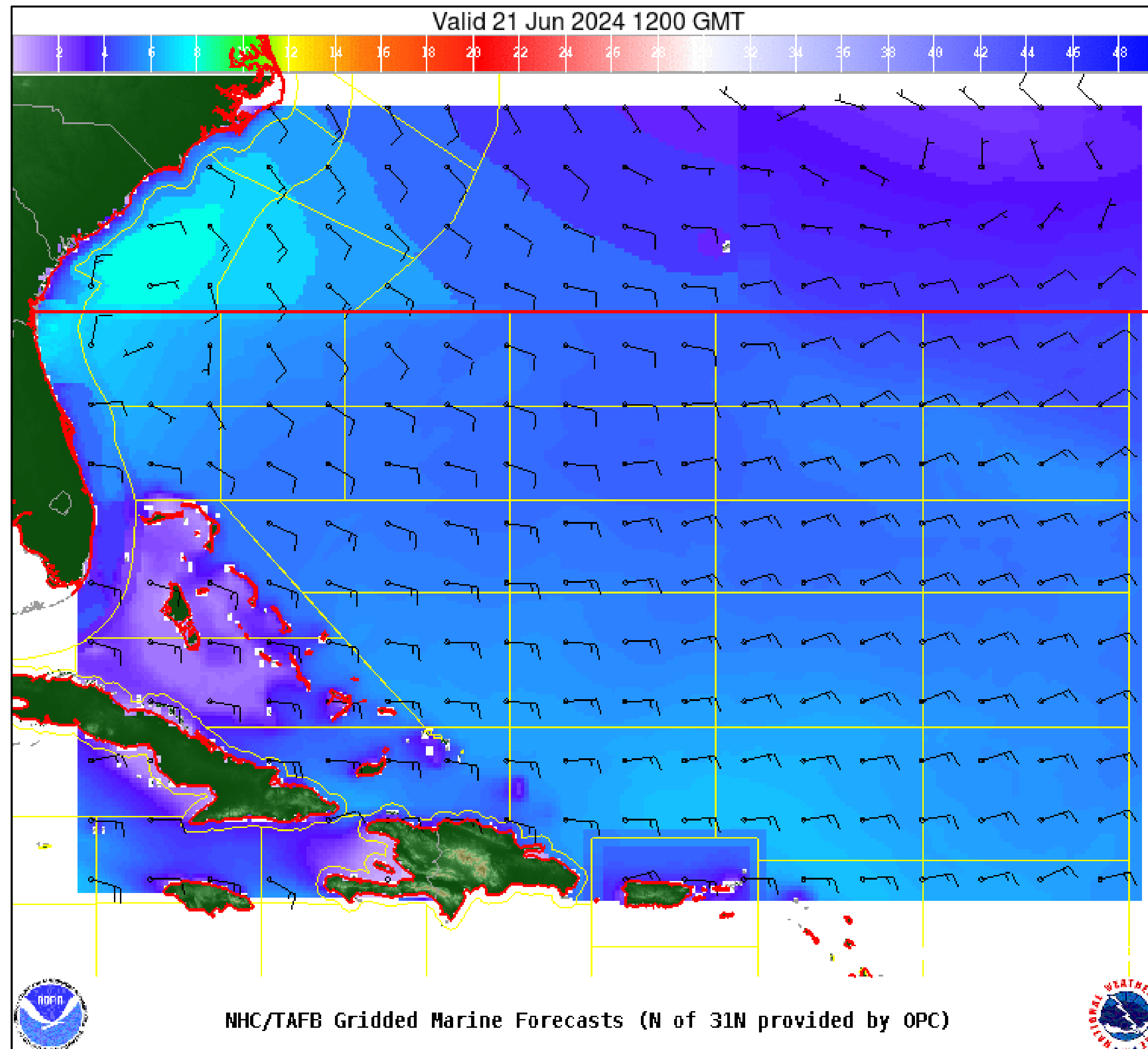
Significant Wave Height (ft)

Wind And Waves: Friday

Western Atlantic Low



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Friday (June 21)
Peak Winds: 15 to 25 kt
Peak Seas: 8 to 10 ft

■ Wave heights are in feet



Significant Wave Height (ft)

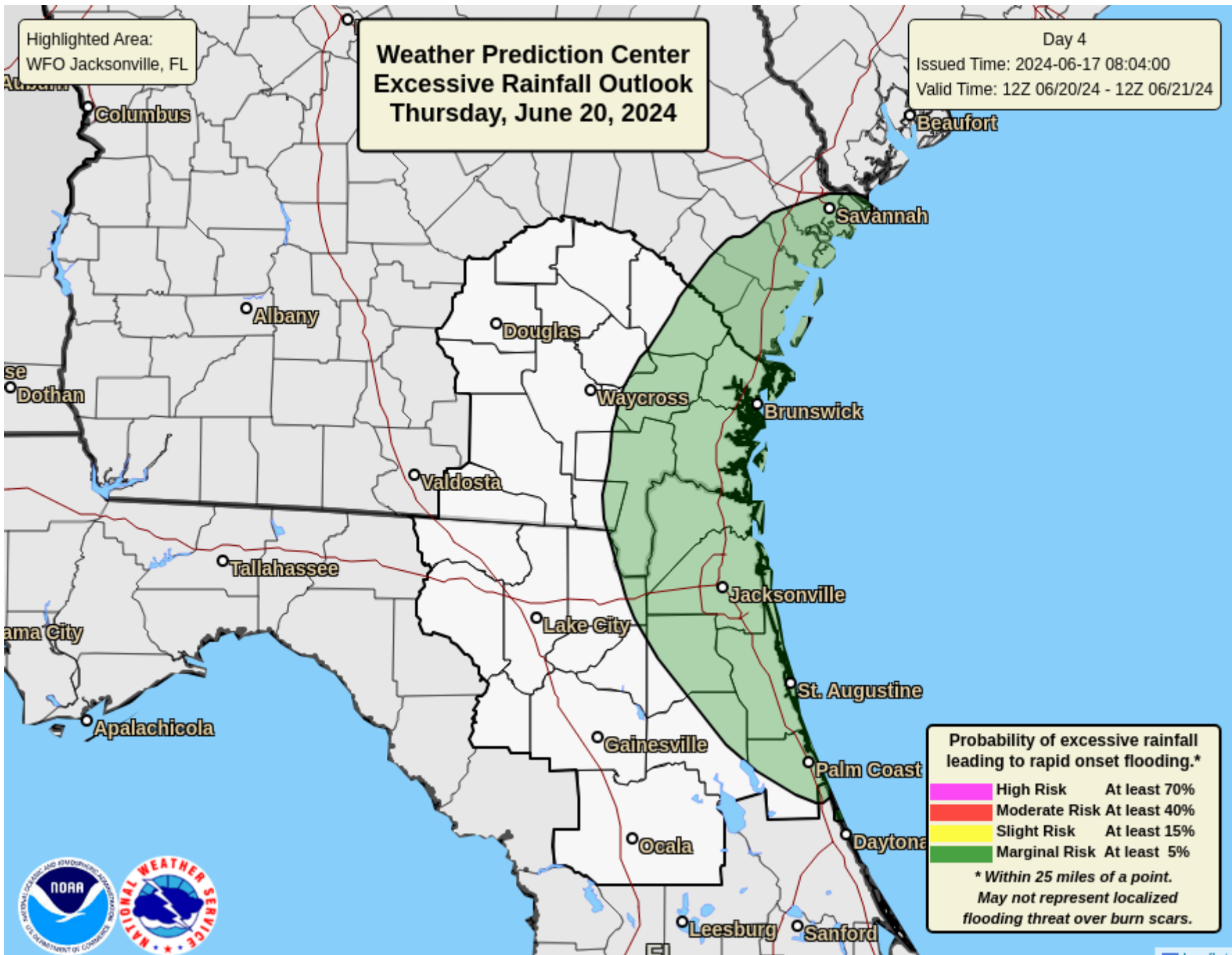
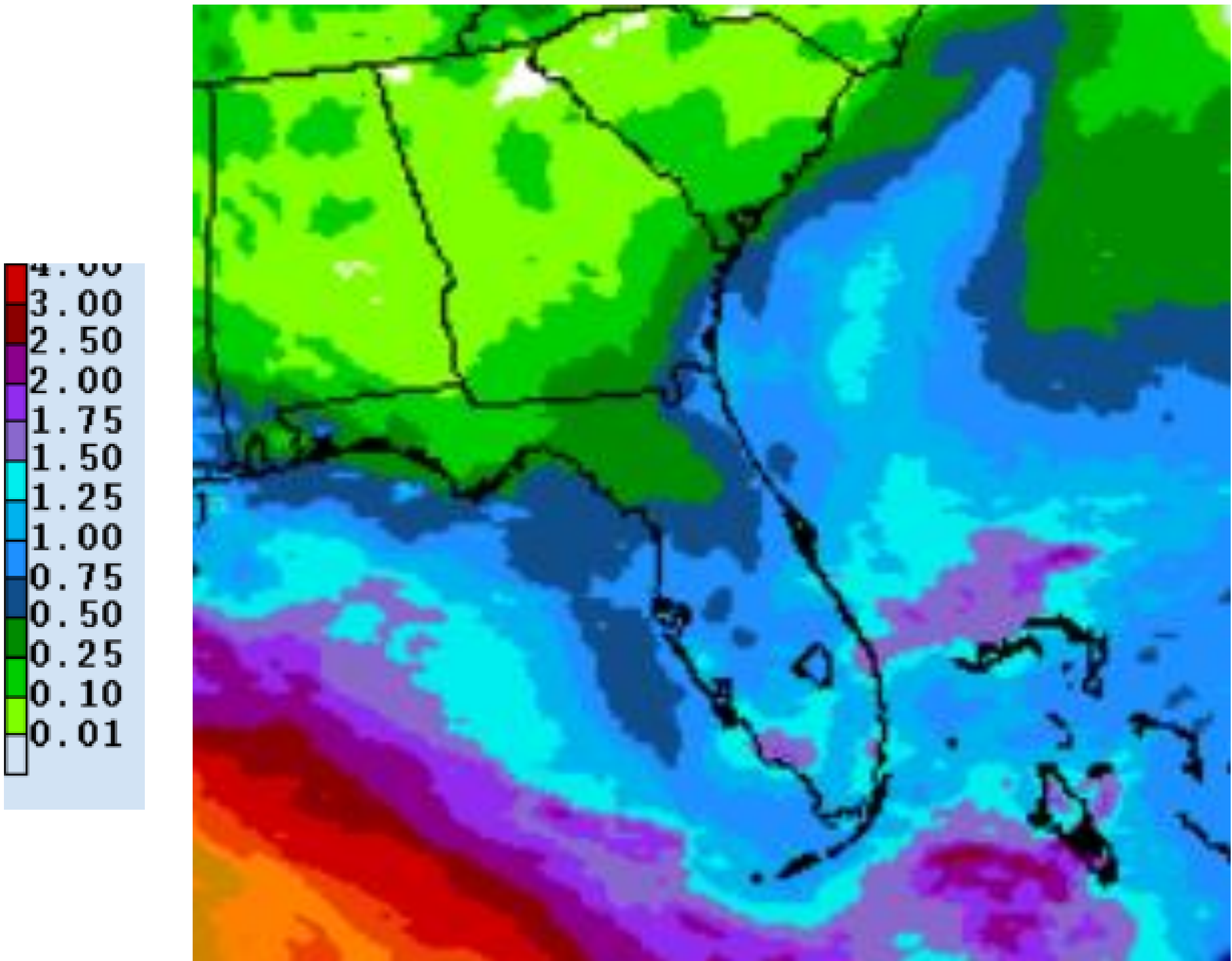
Expected Storm Total Rainfall and Chance of Rainfall Flooding

Western Atlantic Low

Images from NWS Weather Prediction Center



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NWS National Hurricane Center



Risk of rainfall exceeding flash flood guidance
within 25 miles of a point

HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Refer to map legend for Valid Time

Key Messages

Western Atlantic Low



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

- Low pressure is forecast to develop NE of the Bahamas Tuesday.
- Drifts west toward NE Florida coastal Georgia this week
- Low risk of tropical formation (30%)
- Regardless of development: near gale force winds, 10-12 ft seas, locally heavy rain, high surf/rip currents



WESTERN ATLANTIC LOW BRIEFING

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

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



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