

IMPACTS FOR **D7** (through next 5 days)

Winds – **Moderate**

Storm Surge – **Low**

Rainfall/Flash Flooding – **Moderate** to **High**

Tornadoes – **Low**

Waves – **Moderate** to **High**

TROPICAL STORM LAURA BRIEFING



15:00 PM EDT
Saturday, August 22, 2020

Prepared by:

Eric Christensen

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

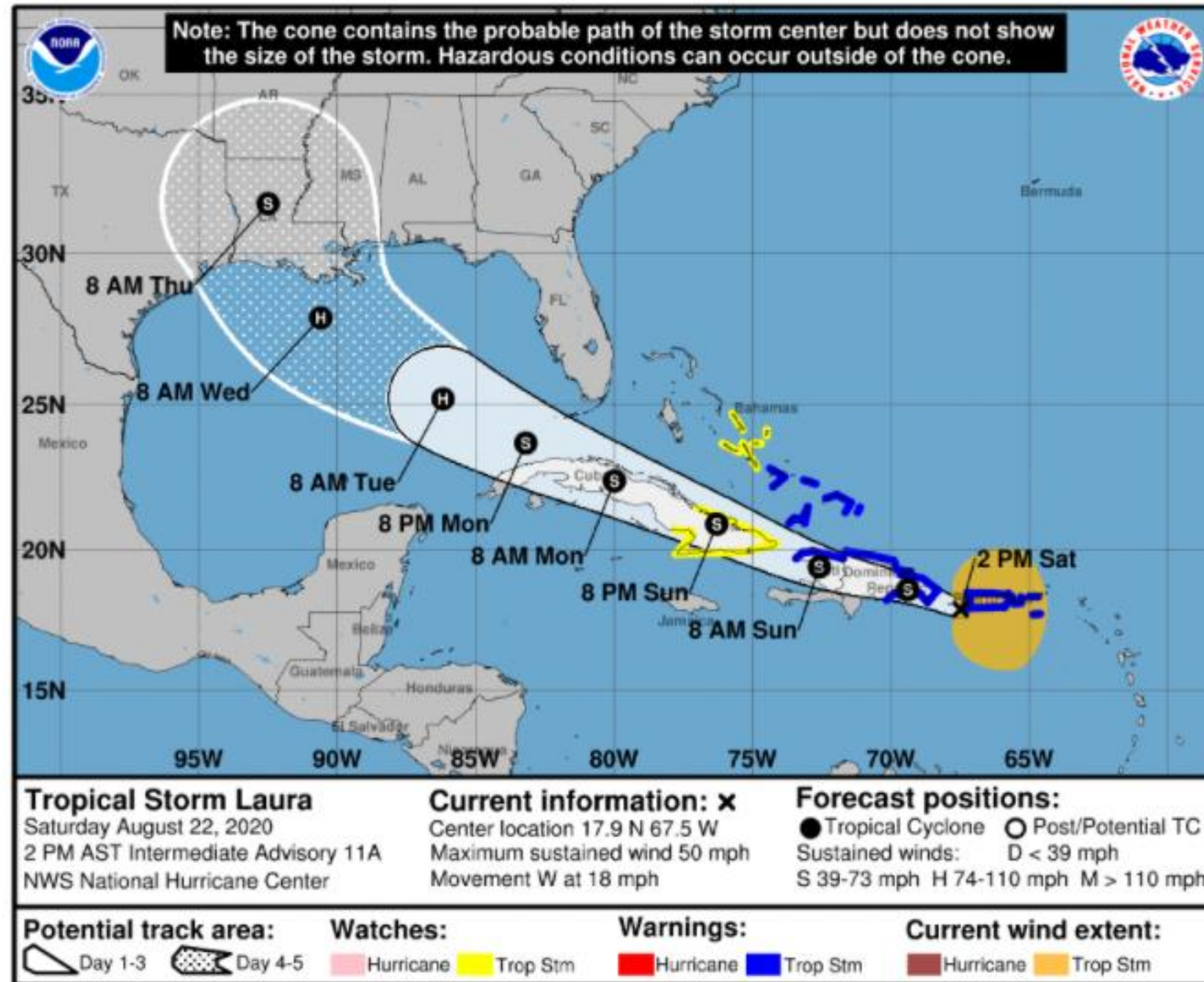


Situation Overview

Tropical Storm Laura



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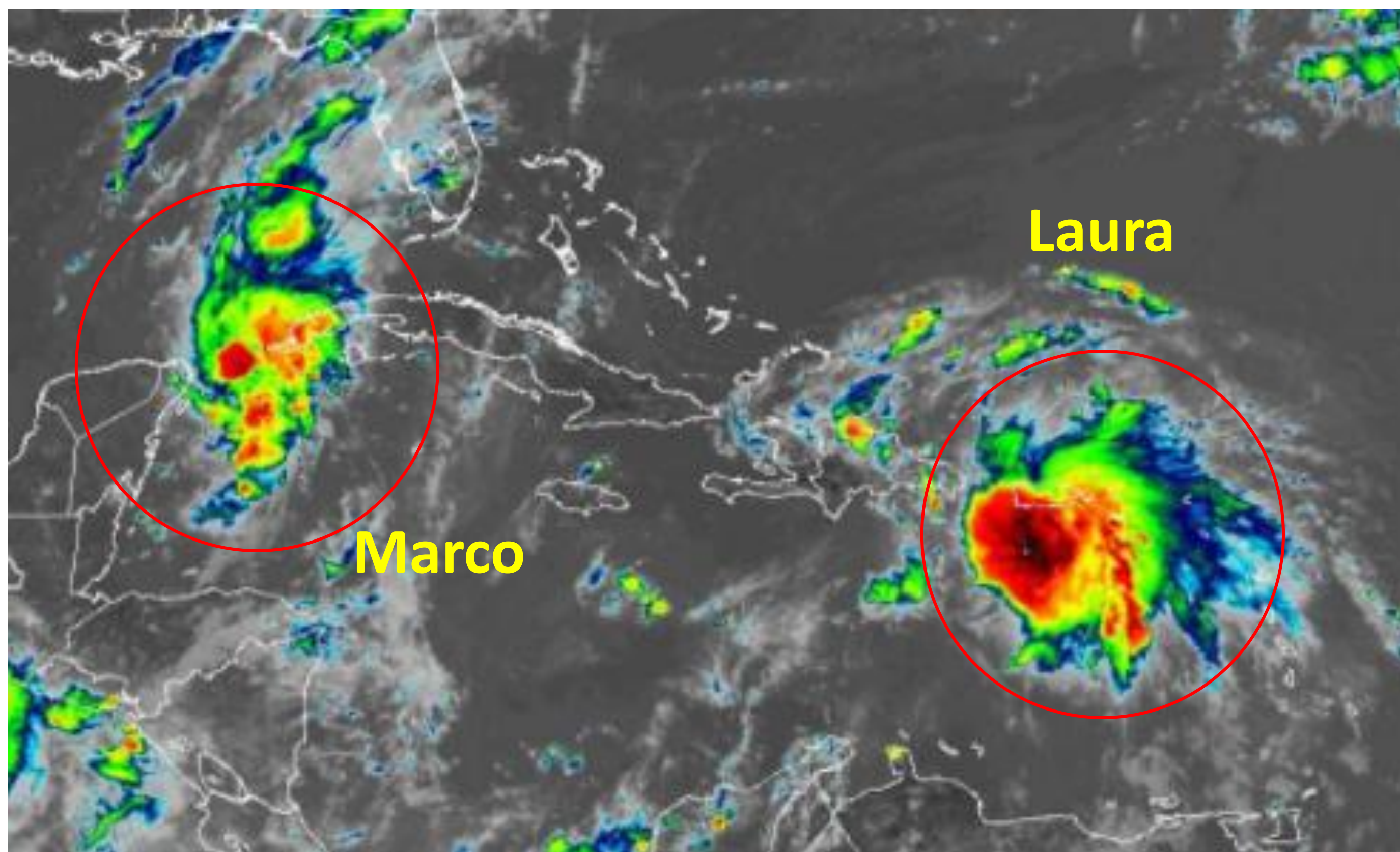
- Gradual strengthening is expected
- Much will depend on exact track as it moves over or near high terrain of Hispaniola and Cuba
- Favorable environment in Gulf by Tue

Current Satellite View

Tropical Storm Laura



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LOCATION...17.9N 65.5W ABOUT 80 NM SW OF
PONCE, PR

MAXIMUM SUSTAINED WINDS...45 kt

PRESENT MOVEMENT...W OR 280 DEGREES AT
15 kt

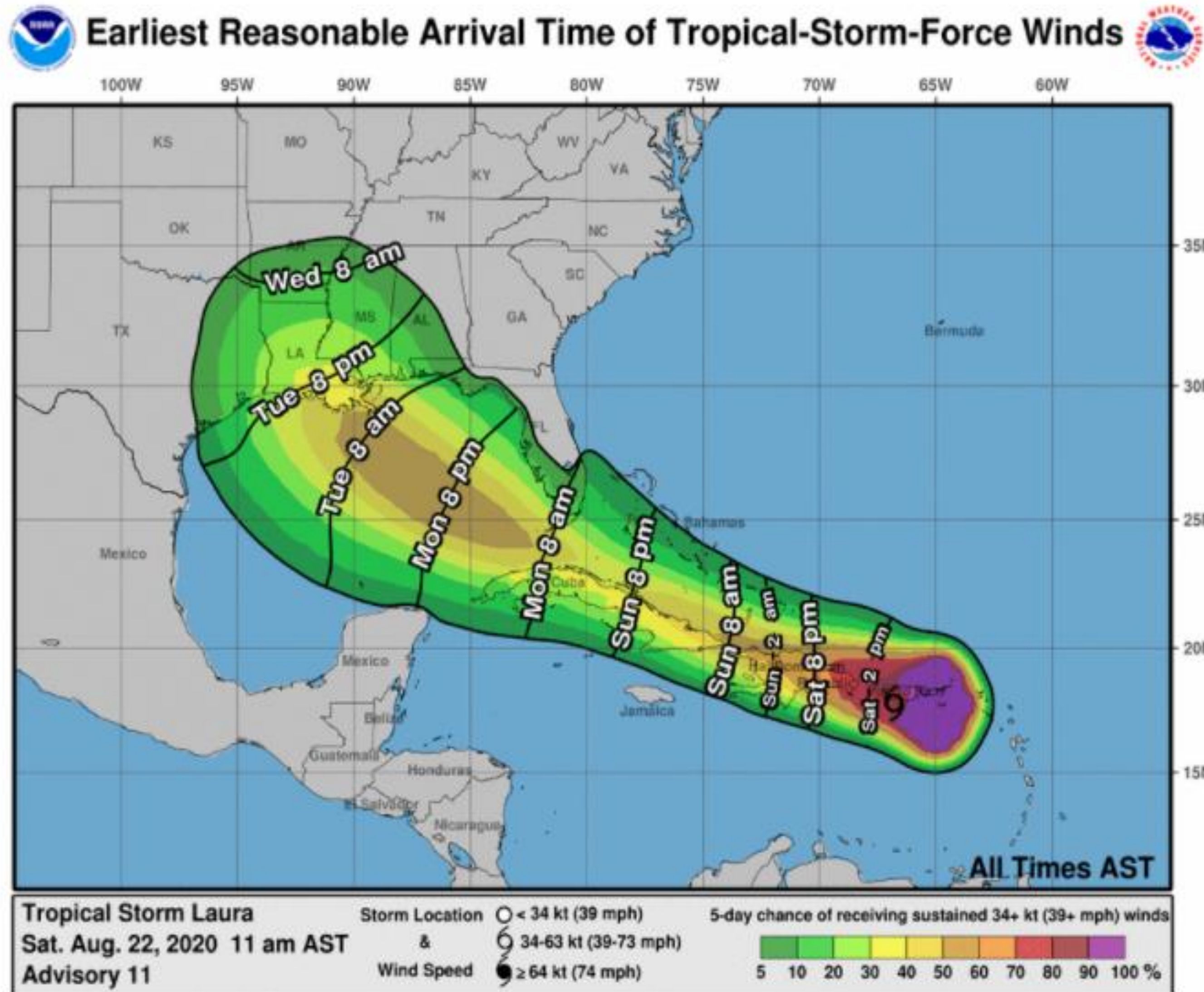
MINIMUM CENTRAL PRESSURE...1004
MB...29.65 INCHES

Earliest Reasonable Time of Arrival

Tropical Storm Laura



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TS winds reaching:

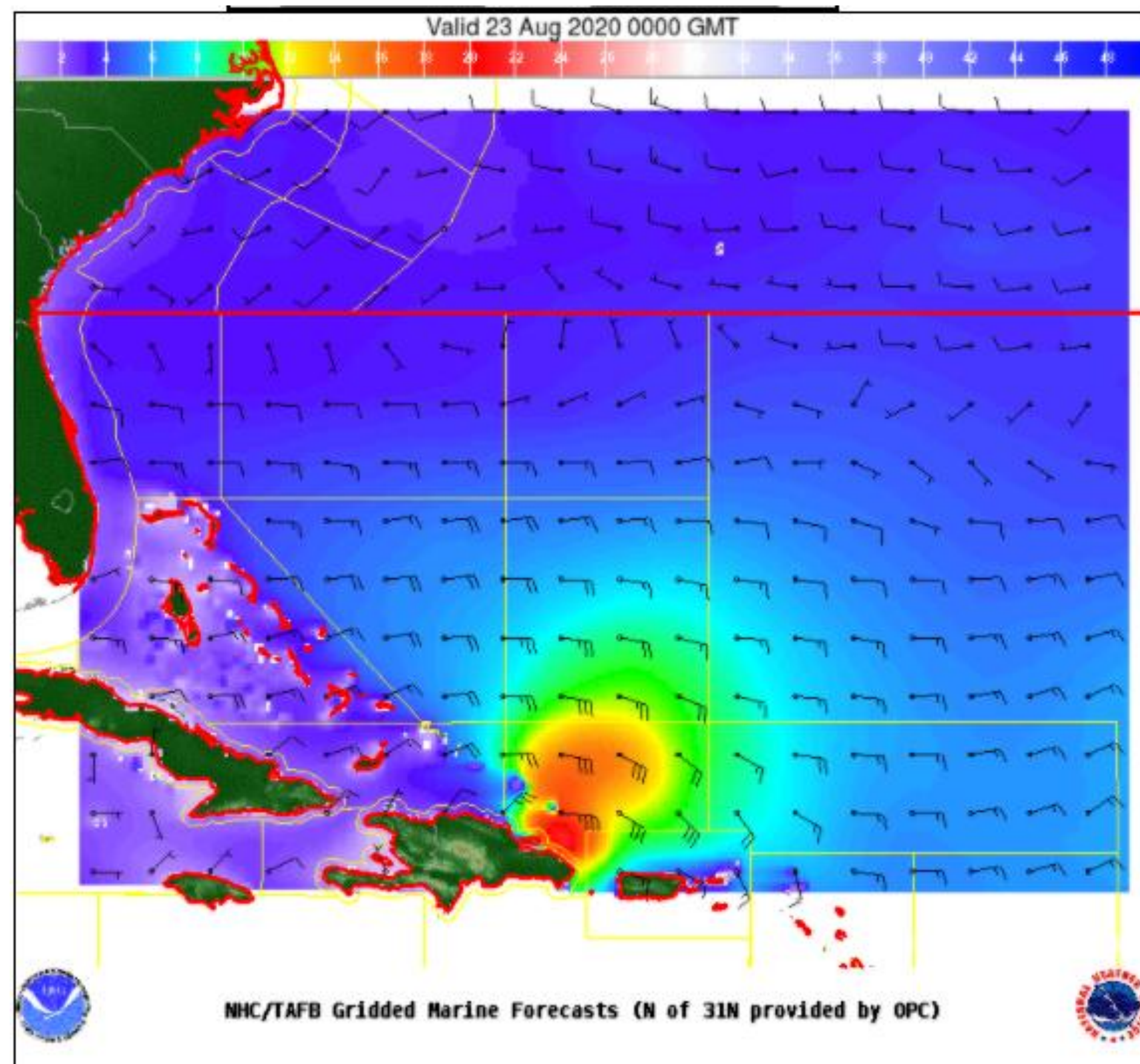
- Eastern Cuba, Turks/Caicos, and southern Bahamas by early Sun
- Western Cuba, Straits of Florida and South Florida by early Mon
- North Central Gulf by early Tue

Wind And Waves

Tropical Storm Laura



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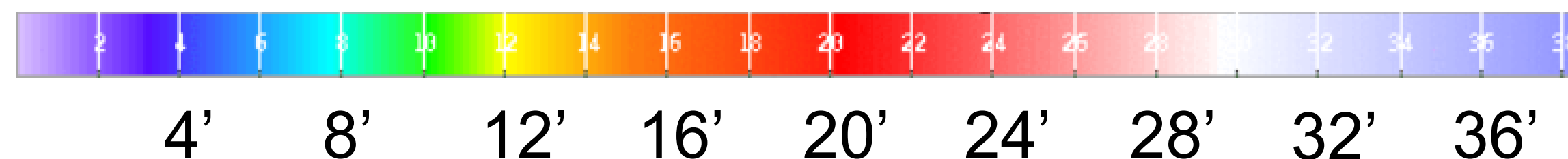
This evening

Saturday, 8 pm EDT, August 22, 2020

Peak Winds: 40 kt

Peak Seas: 20 ft

- Wave heights are in feet

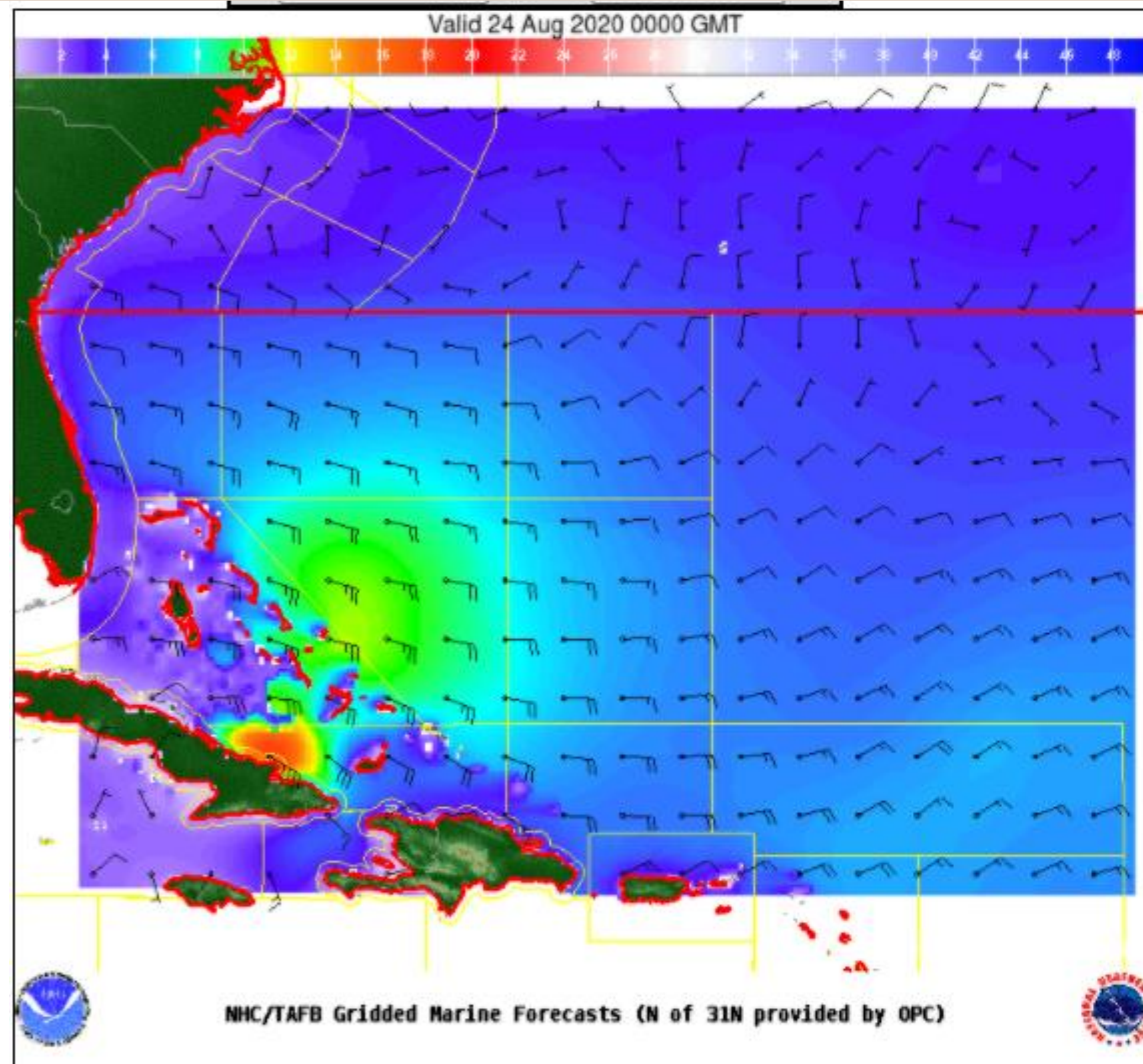


Wind And Waves

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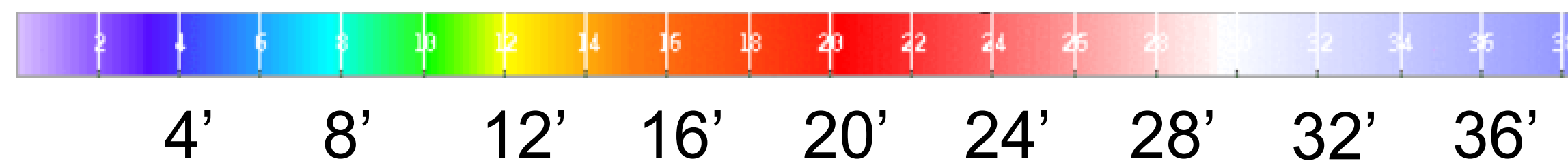
24 Hour Forecast

Sunday, 8 pm EDT, August 23, 2020

Peak Winds: 45 kt

Peak Seas: 19 ft

- Wave heights are in feet

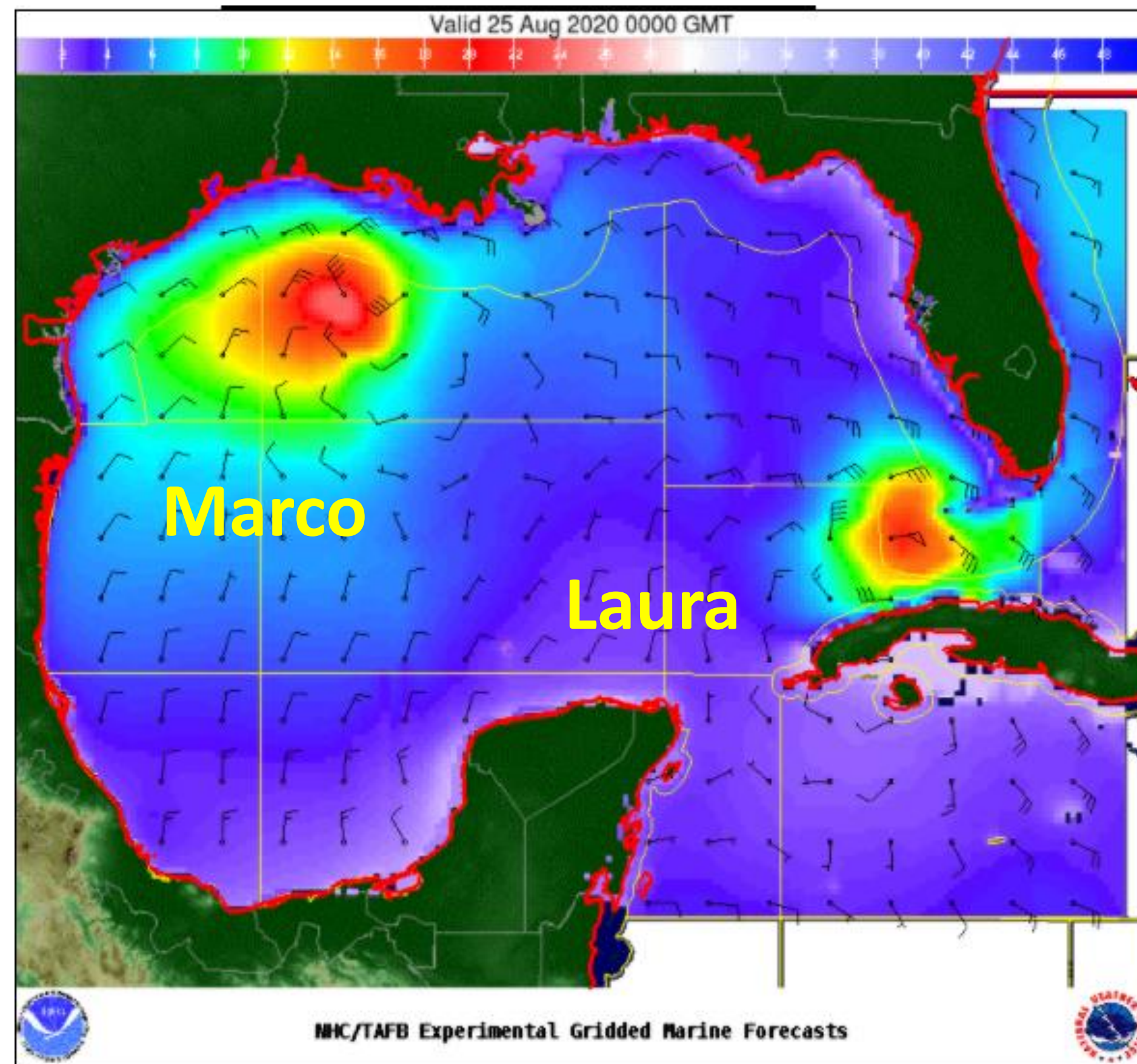


Wind And Waves

Tropical Storm Laura



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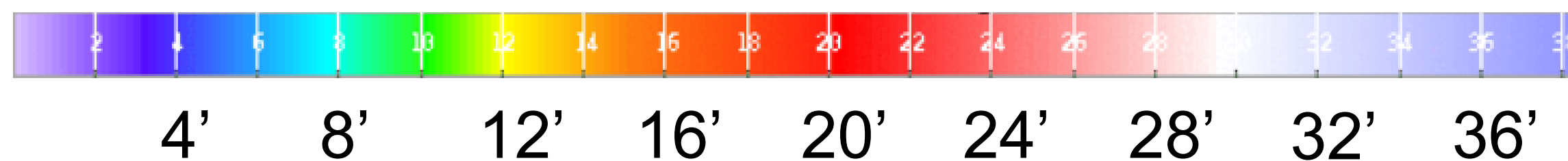
48 Hour Forecast

Monday, 8 pm EDT, August 24, 2020

Peak Winds: 55 kt

Peak Seas: 23 ft

- Wave heights are in feet

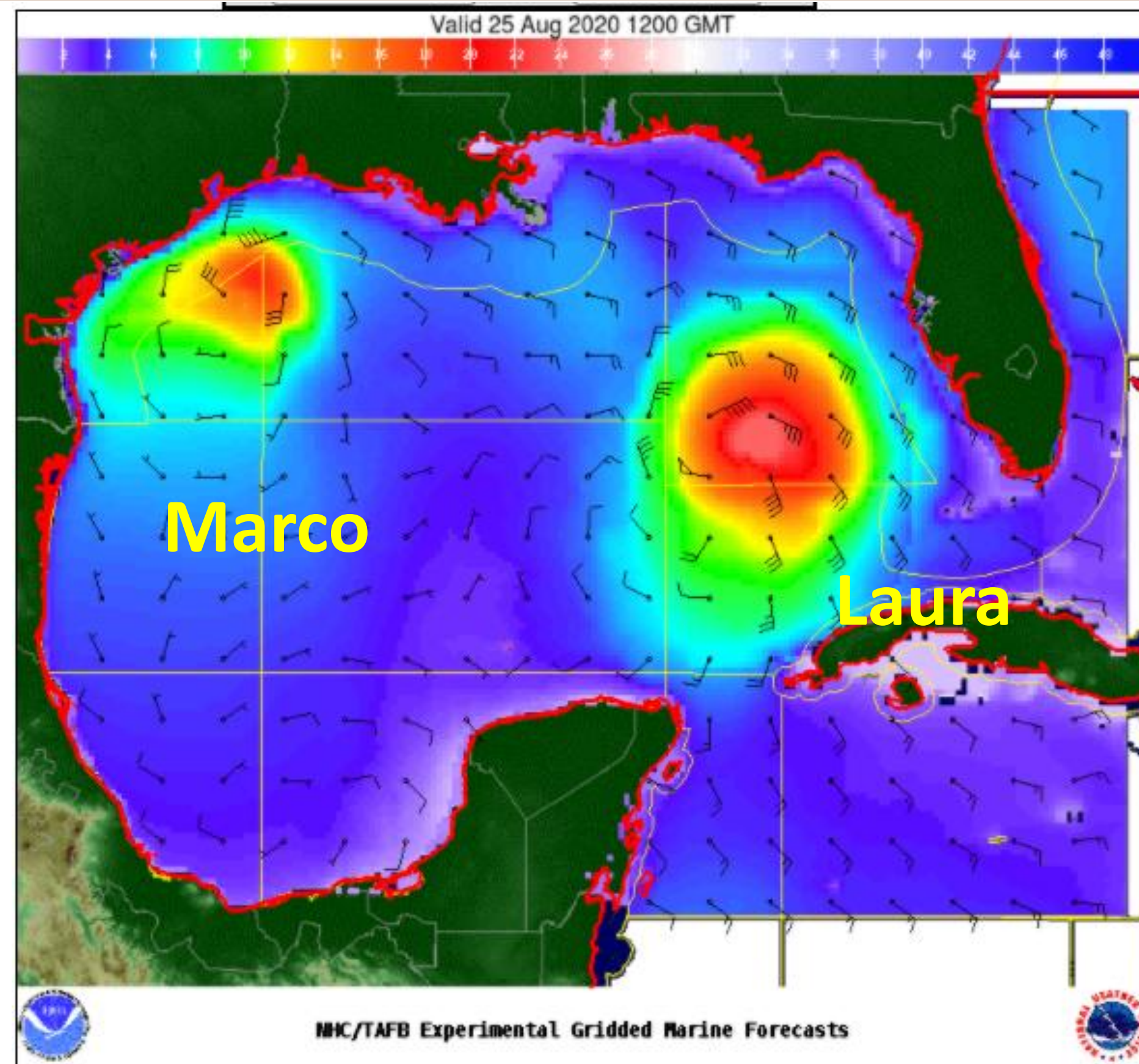


Wind And Waves

Tropical Storm Laura



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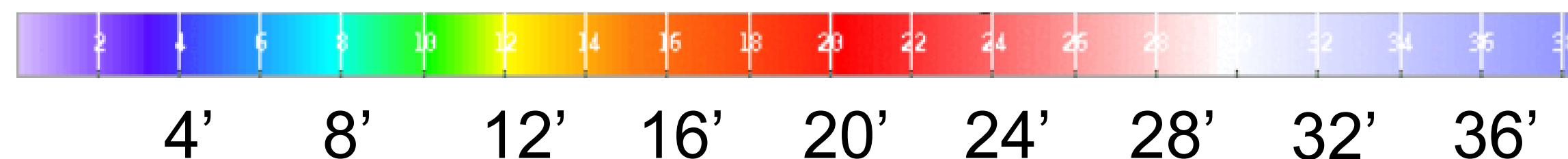
72 Hour Forecast

Tuesday, 8 pm EDT, August 25, 2020

Peak Winds: 65 kt (hurricane)

Peak Seas: 30 ft

- Wave heights are in feet

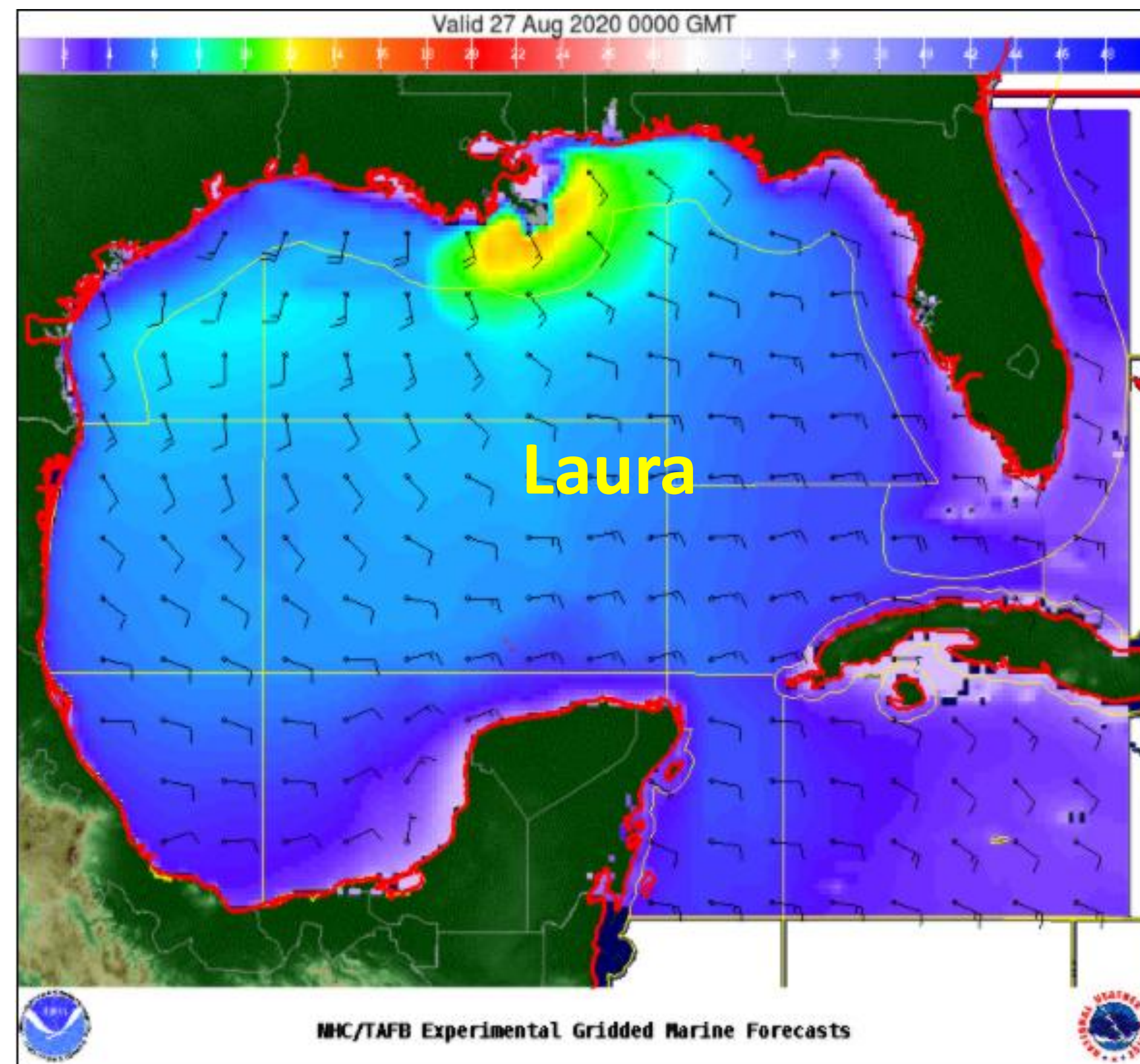


Wind And Waves

Tropical Storm Laura



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- Wave heights are in feet

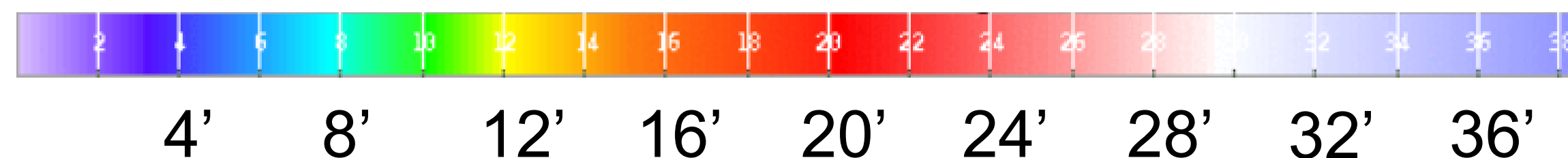
96 Hour Forecast

Wednesday, 8 pm EDT, August 26, 2020

Peak Winds: 75 kt (inland)

Peak Seas: 13 ft

Note: for the 96 hour forecast, track error is near 150 nm, an intensity error is near 15 kt

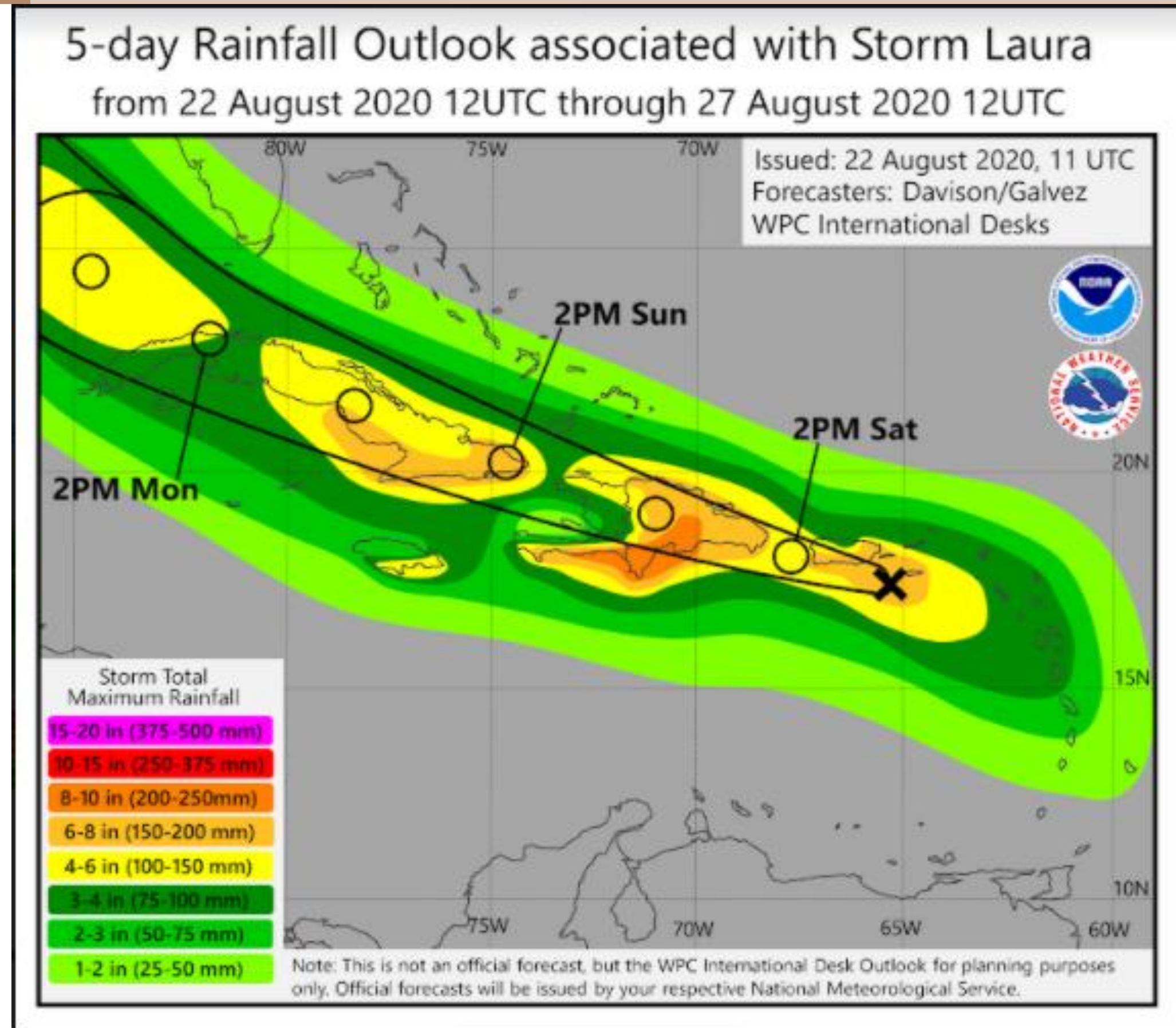


Expected Storm Total Rainfall

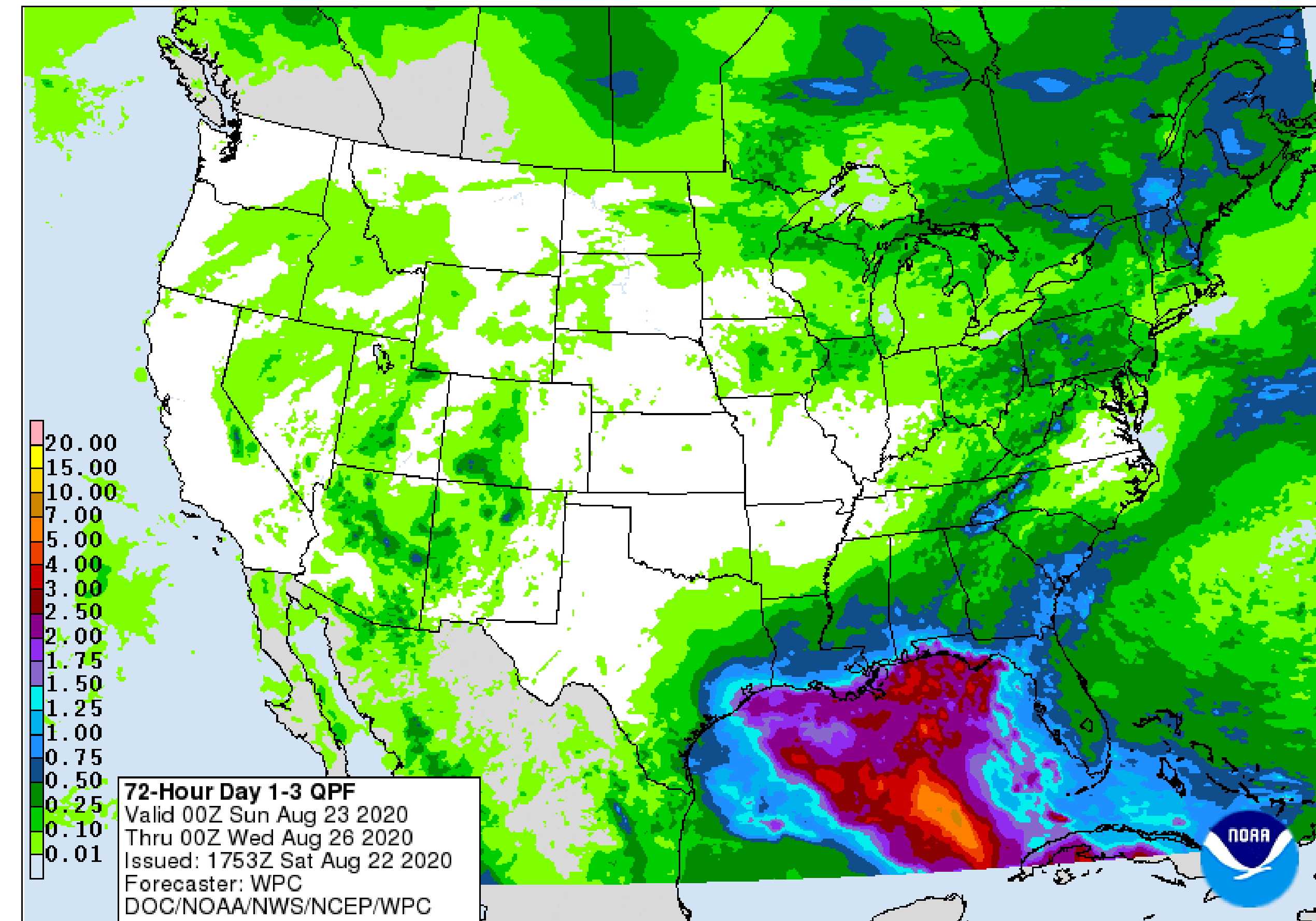
Tropical Storm Laura



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- Total rainfall in inches through early Thursday.



- Total rainfall in inches through late Tuesday.



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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



NHC_TAFB

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