

IMPACTS FOR D7 (through next 5 days)

Winds – Moderate (PR and USVI)

Storm Surge – Low

Rainfall/Flash Flooding – Moderate to High

Tornadoes – Low

Waves –Moderate (PR and USVI)

TROPICAL STORM LAURA BRIEFING



9:00 AM EST
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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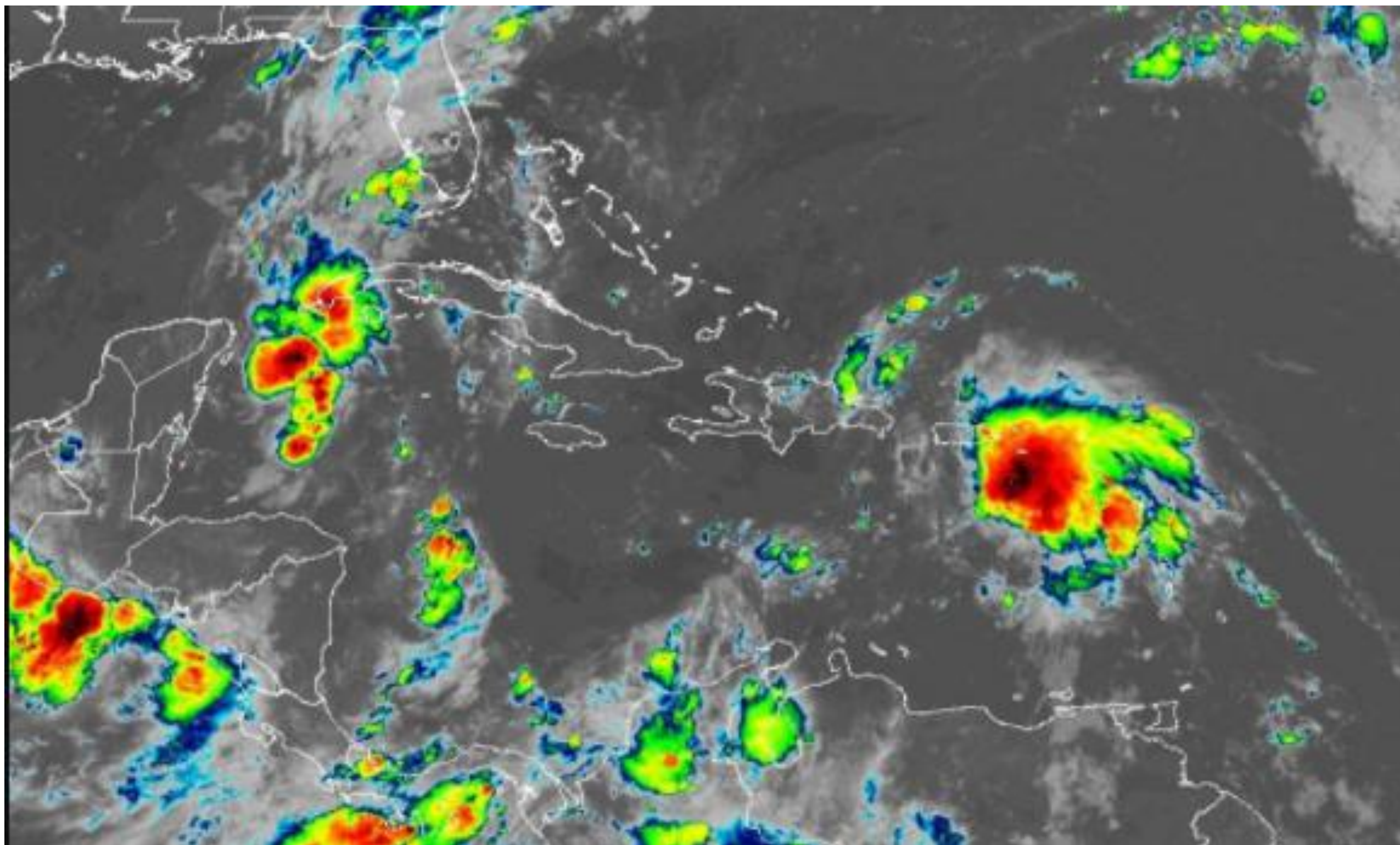
- Gradual strengthening is expected
- Much will depend on exact track as it moves over or near high terrain of Hispaniola and Cuba
- Somewhat favorable environment in Gulf

Current Satellite View

Tropical Storm Laura



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LOCATION...17.6N 65.5W ABOUT 70 MI...110
KM SE OF SAN JUAN PUERTO RICO ABOUT 295
MI...475 KM E OF SANTO DOMINGO
DOMINICAN REPUBLIC

MAXIMUM SUSTAINED WINDS...35 kt

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

MINIMUM CENTRAL PRESSURE...1007
MB...29.74 INCHES

T.S. Wind Speed Probabilities

Tropical Storm Laura



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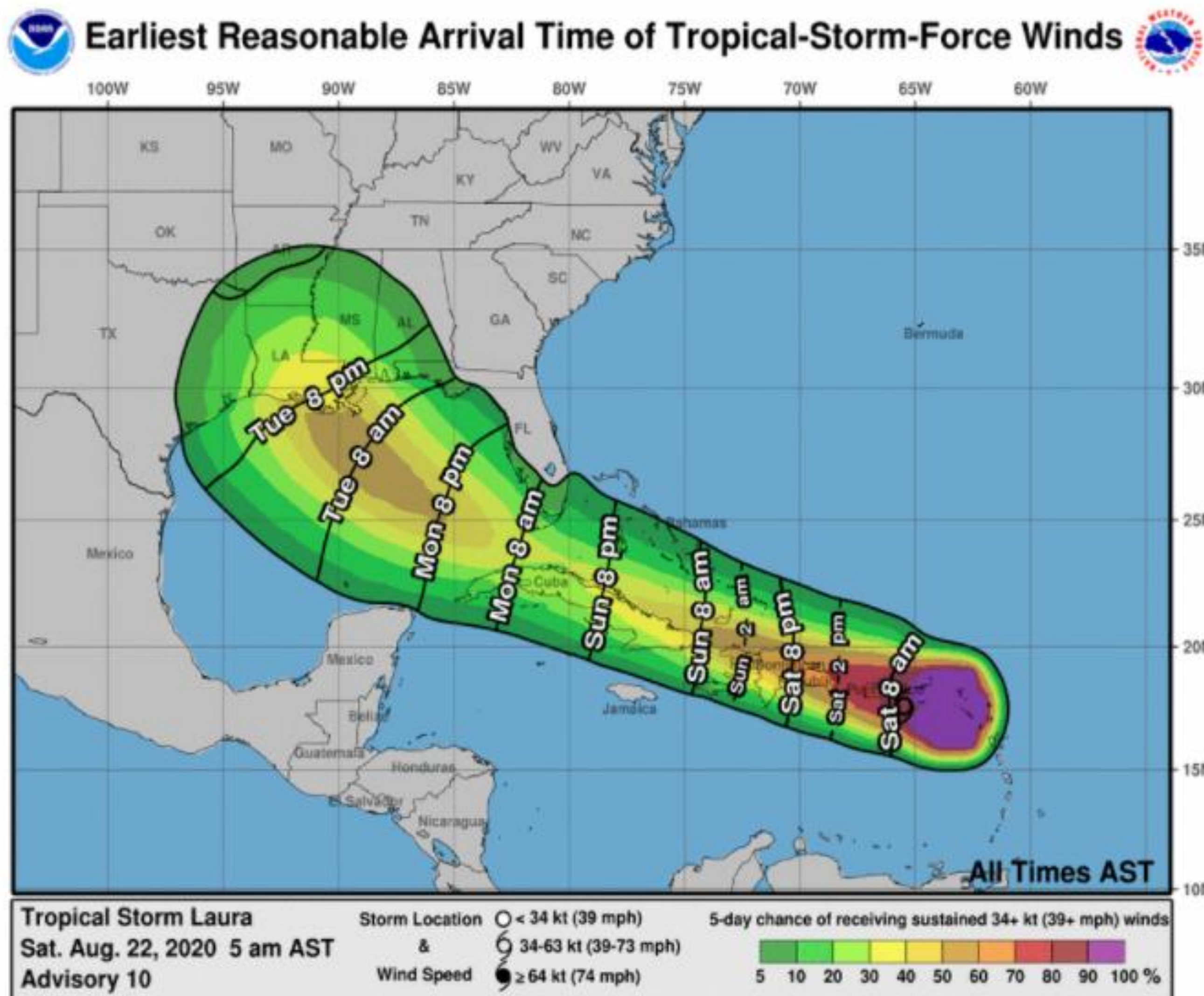
- Probabilities of sustained tropical storm force winds (34 kt to 63 kt) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Earliest Reasonable Time of Arrival



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Tropical Storm Laura



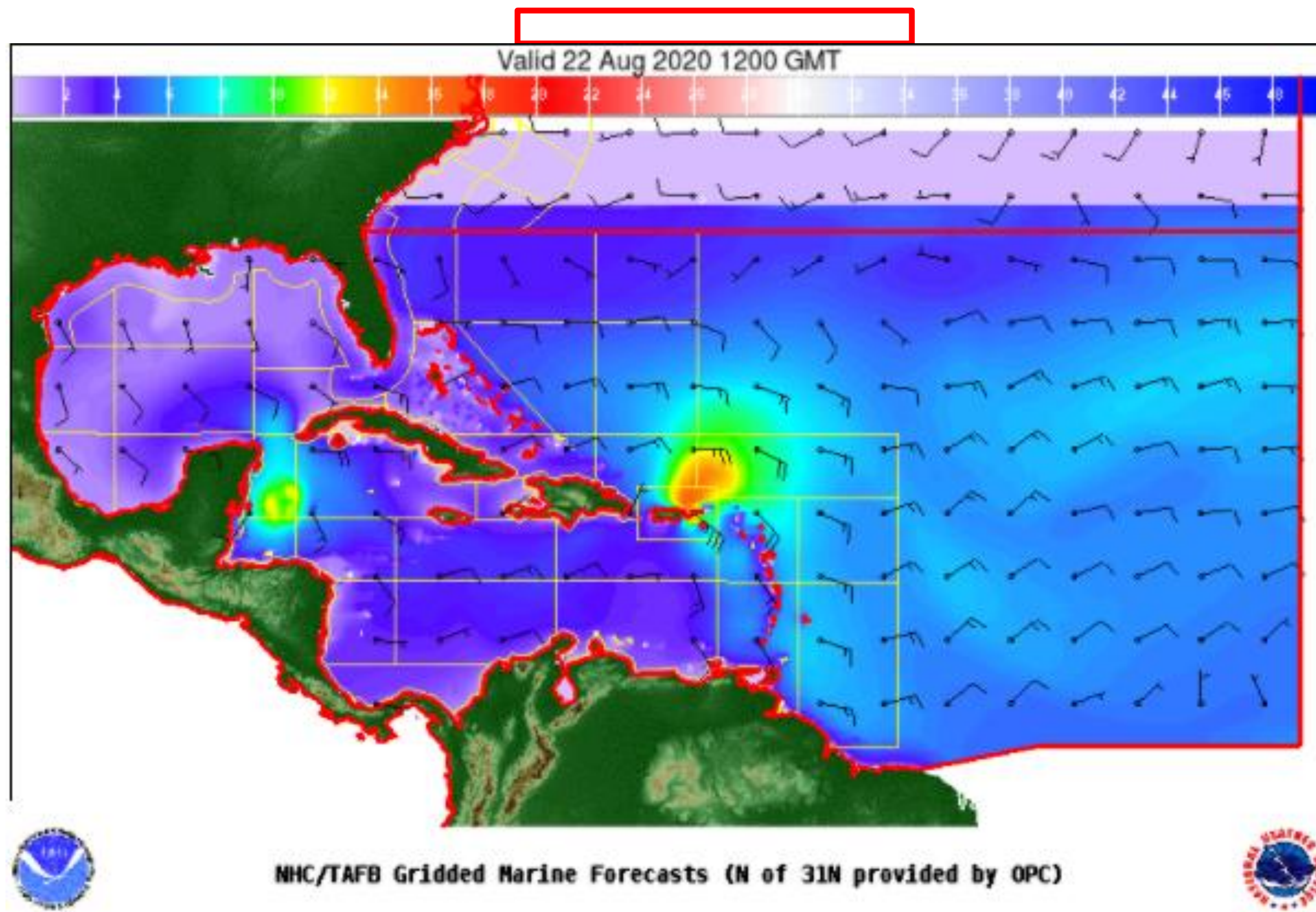
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Tropical Storm Laura



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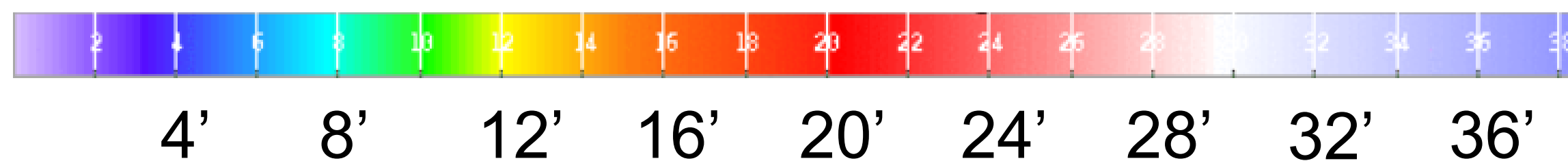
Current Conditions

Saturday, 8 am EDT, Aug 22, 2020

Peak Winds: 35 kt

Peak Seas: 12 ft

- Wave heights are in feet

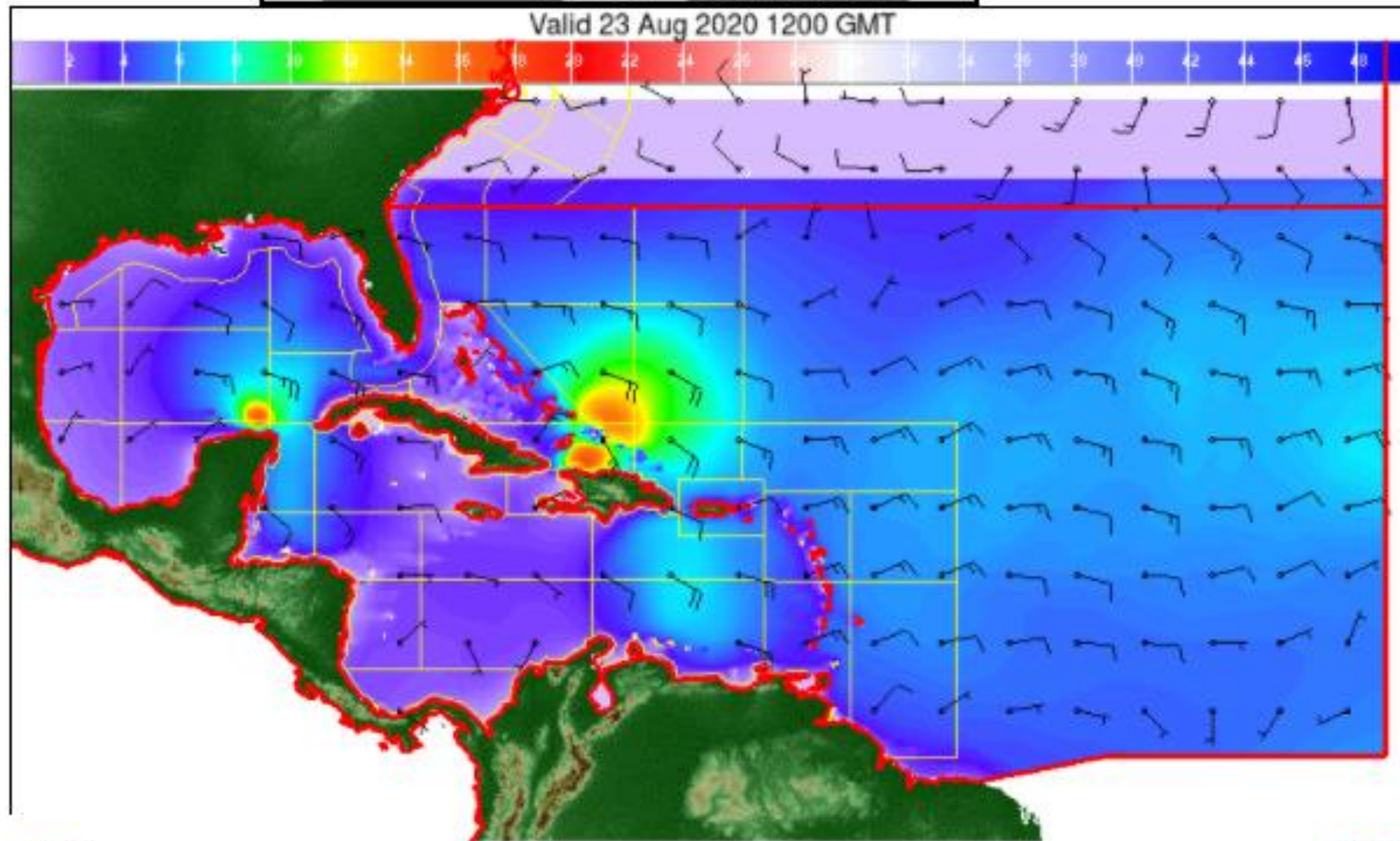


Wind And Waves

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24 Hour Forecast

Sunday, 8 am EDT, August 23, 2020

Peak Winds: 40 kt

Peak Seas: 17 ft

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



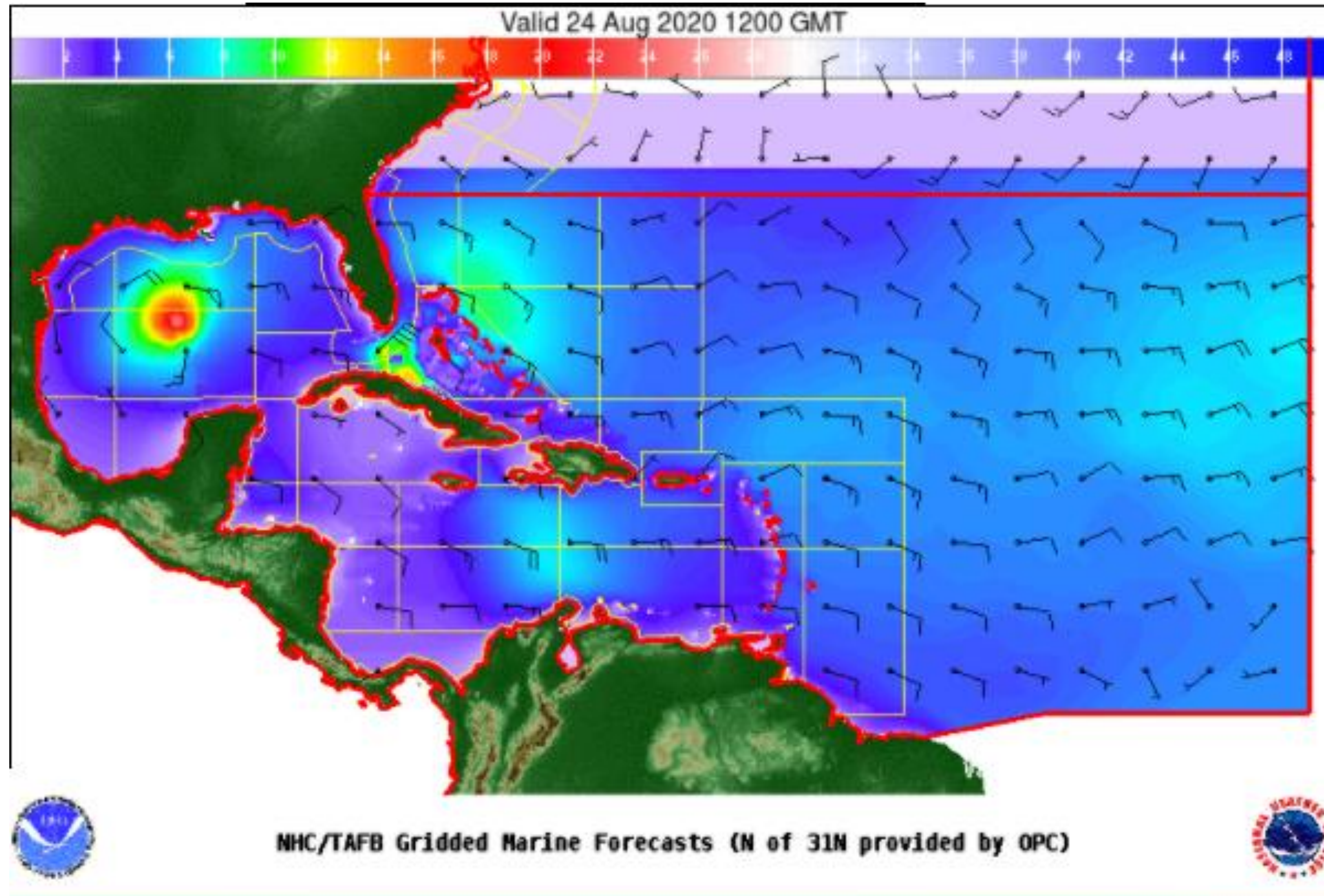
4' 8' 12' 16' 20' 24' 28' 32' 36'

Wind And Waves

Tropical Storm Laura



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

■ Wave heights are in feet

48 Hour Forecast

Monday, 8 am EDT, Aug 24, 2020

Peak Winds: 45 kt

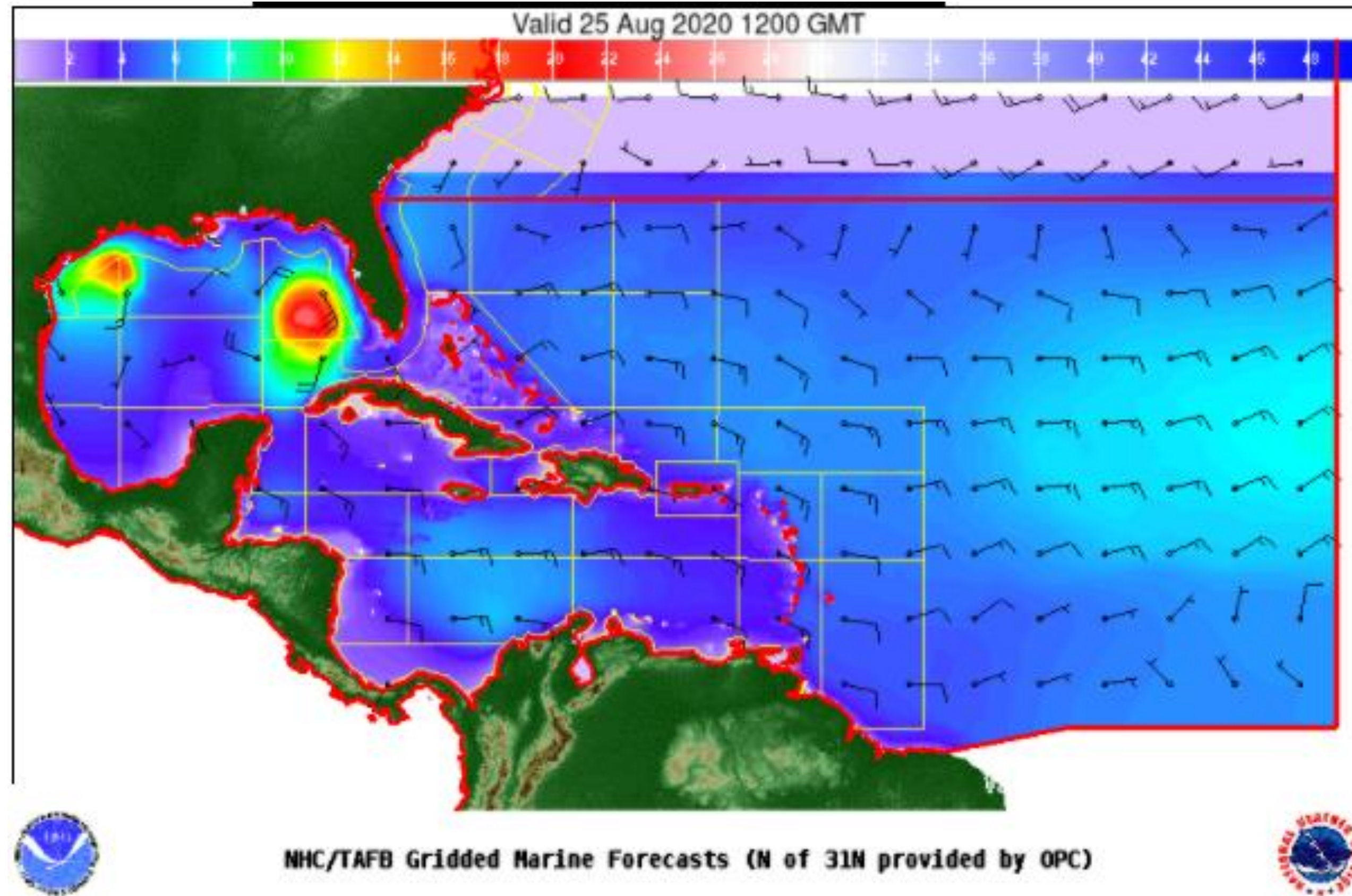
Peak Seas: 12 ft

Wind And Waves

Tropical Storm Laura



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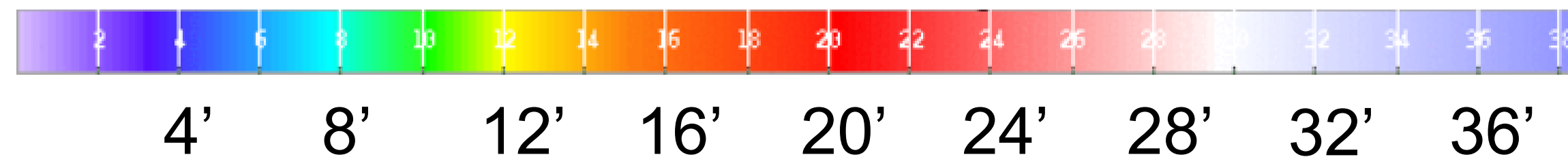
72 Hour Forecast

Tuesday, 8 am EDT, August 25, 2020

Peak Winds: 60 kt

Peak Seas: 22 ft

- Wave heights are in feet



Wind And Waves

Tropical Storm Laura



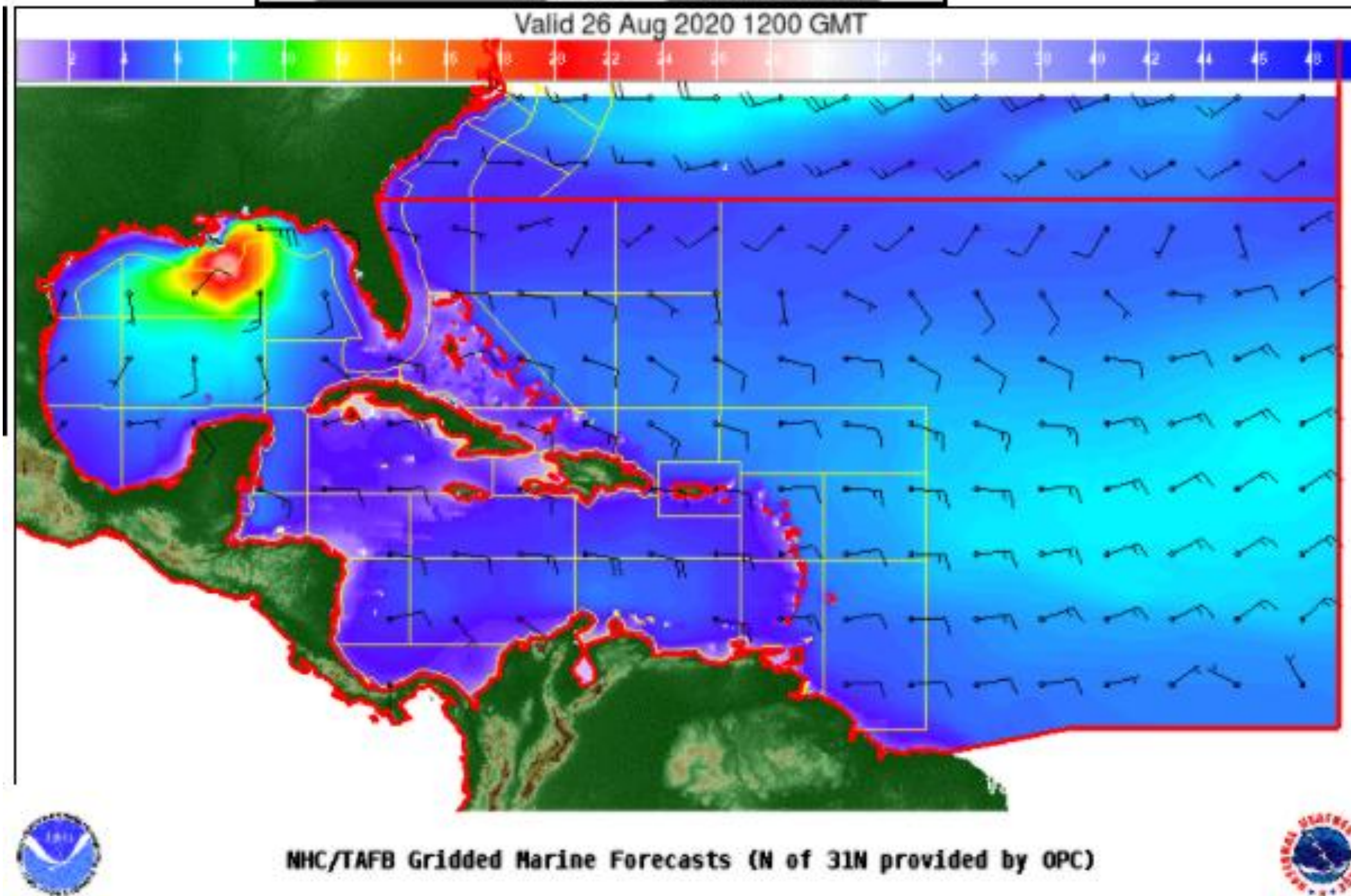
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96 Hour Forecast

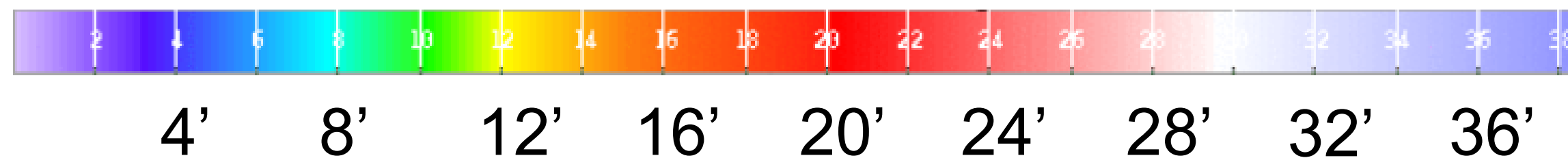
Wednesday, 8 am EDT, August 26, 2020

Peak Winds: 75 kt (hurricane)

Peak Seas: 30 ft



- Wave heights are in feet

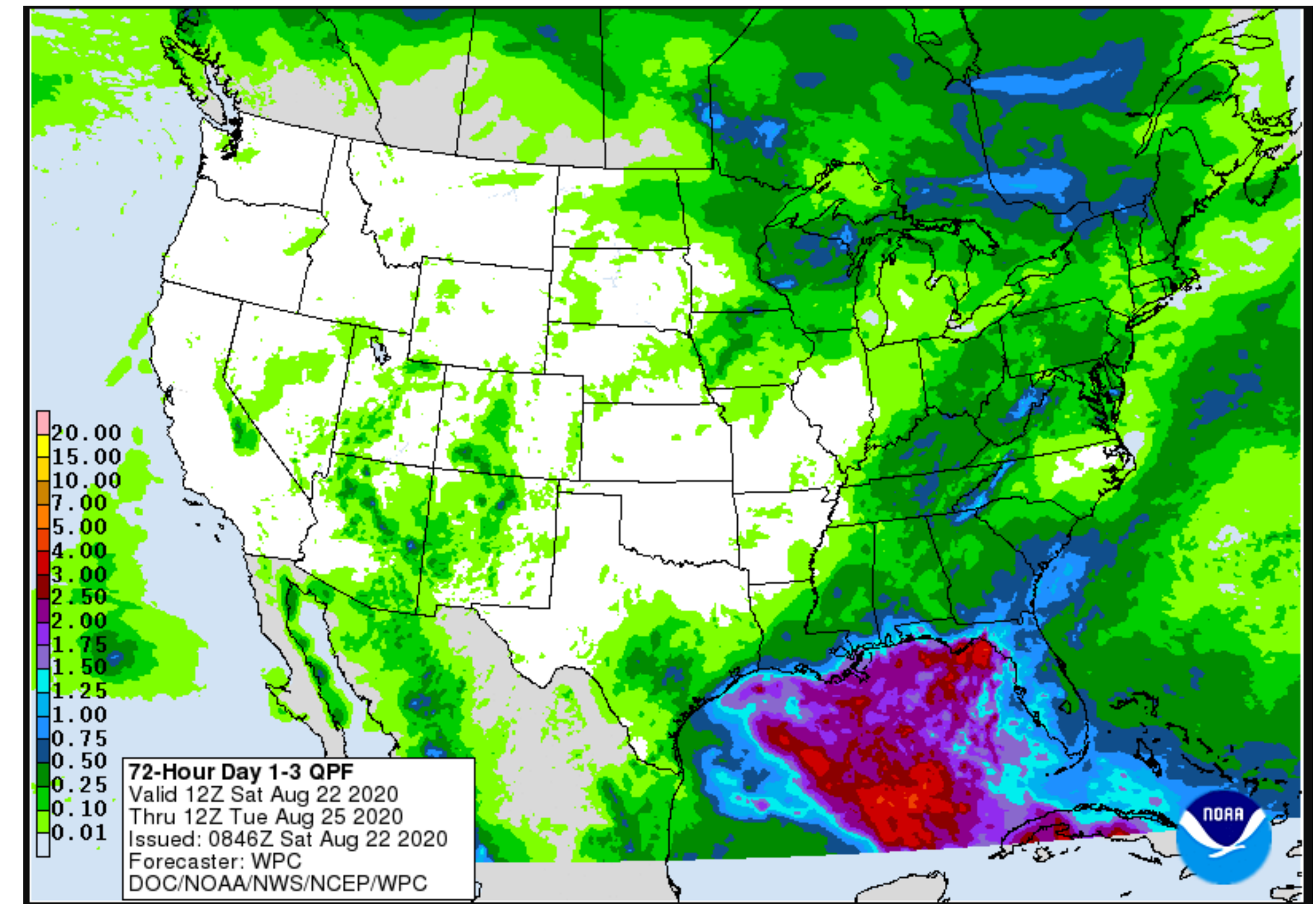
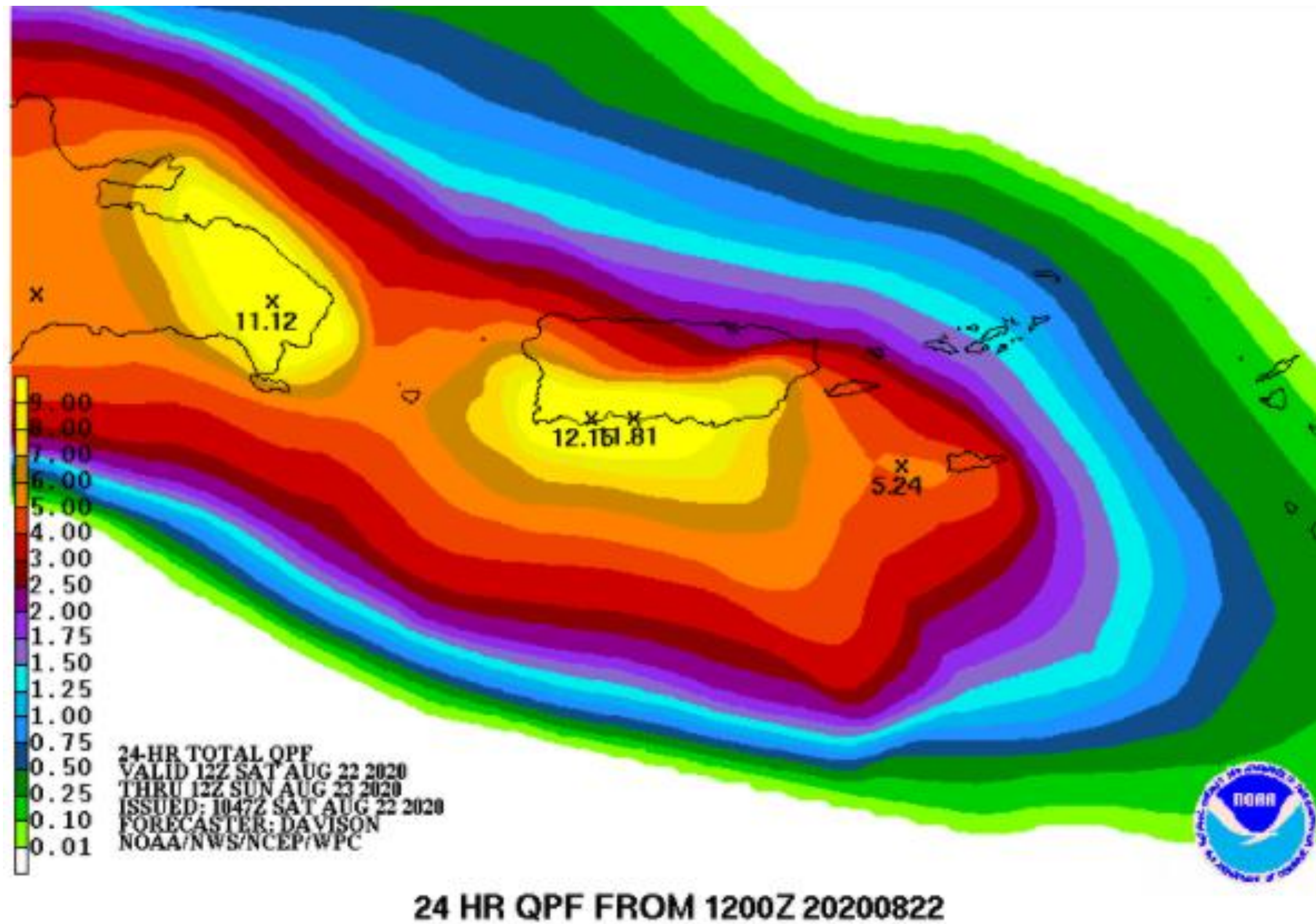


Expected Storm Total Rainfall

Tropical Storm Laura



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- Total rainfall in inches through early Monday.

- Total rainfall in inches through early Tuesday.



TROPICAL STORM LAURA 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



NHC_TAFB

www.nhc.noaa.gov