



TROPICAL STORM CRISTOBAL BRIEFING

8:00 AM EDT

Saturday, June 6, 2020

Prepared by:

Eric Christensen

Tropical Analysis and Forecast Branch

NWS National Hurricane Center



NHC_TAFB

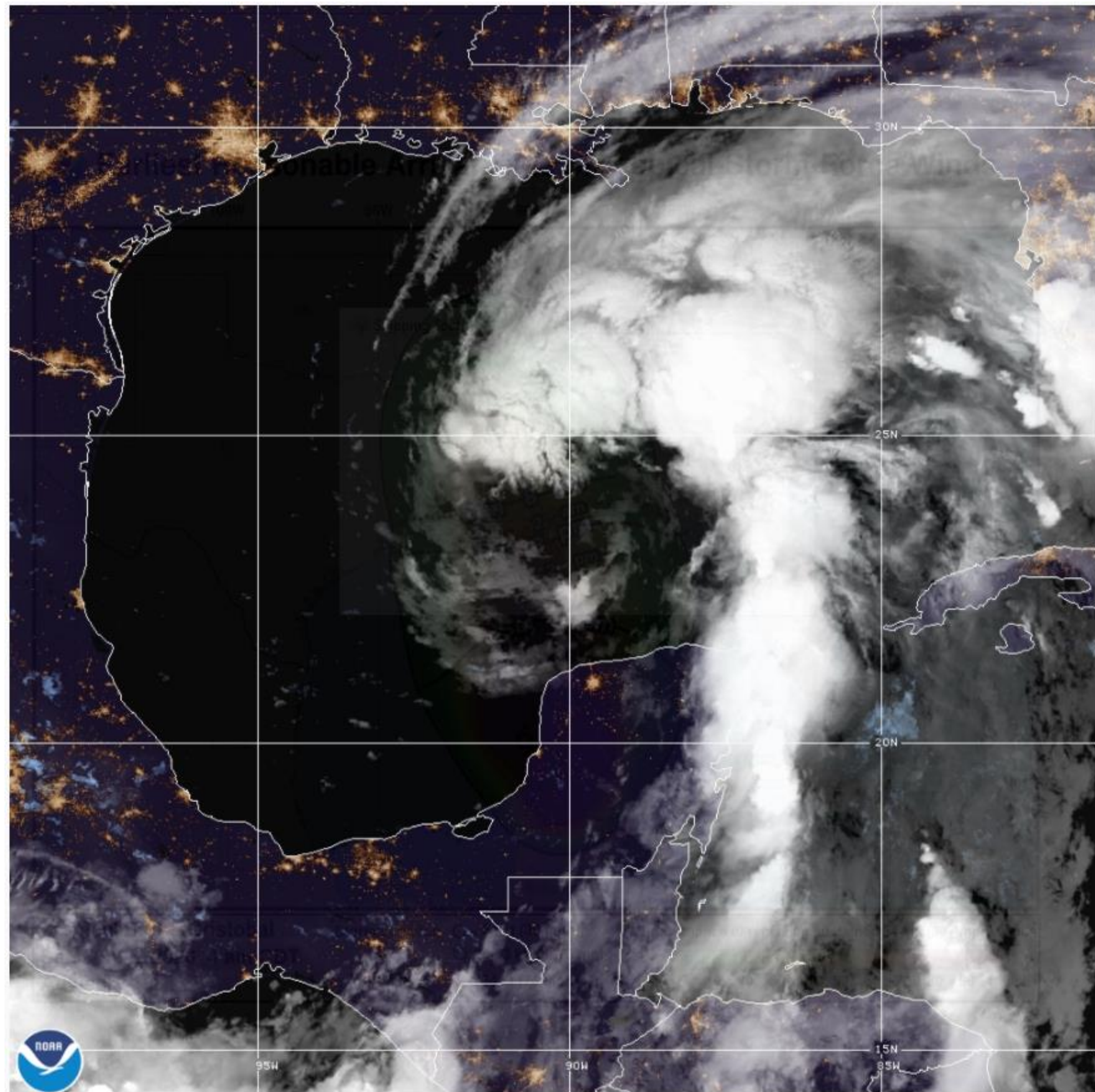
www.nhc.noaa.gov

Situation Overview

Tropical Storm Cristobal



Tropical Analysis and Forecast Branch
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Download image: [GeoColor - 6 Jun 2020 - 10:00 UTC](#)

**...STORM SURGE AND TROPICAL
STORM WARNINGS FOR PORTIONS
OF NORTHERN GULF OF MEXICO
COAST...**

Summary from 0400 AM EDT

Location: 23.8N 90.2W

Movement: N at 12 kt

Maximum Sustainable Winds: 40 kt

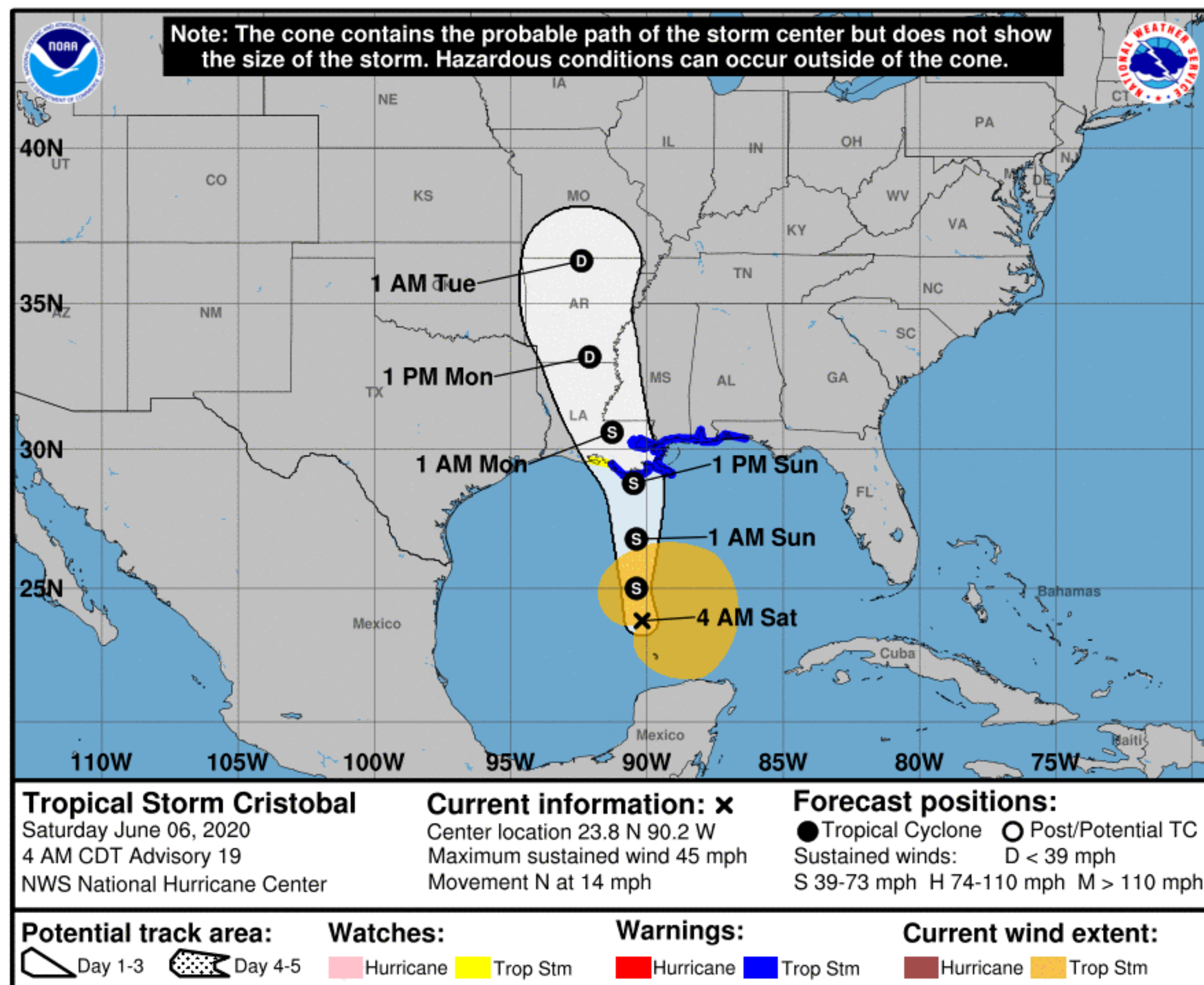
Minimum Central Pressure: 997 mb

Forecast Information

Tropical Storm Cristobal



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- A Tropical Storm Warning in effect for east of Morgan City, Louisiana to the Western Florida line including Lake Pontchartrain and Lake Maurepas
- A Tropical Storm Watch is in effect for Intracoastal City Louisiana to Morgan City

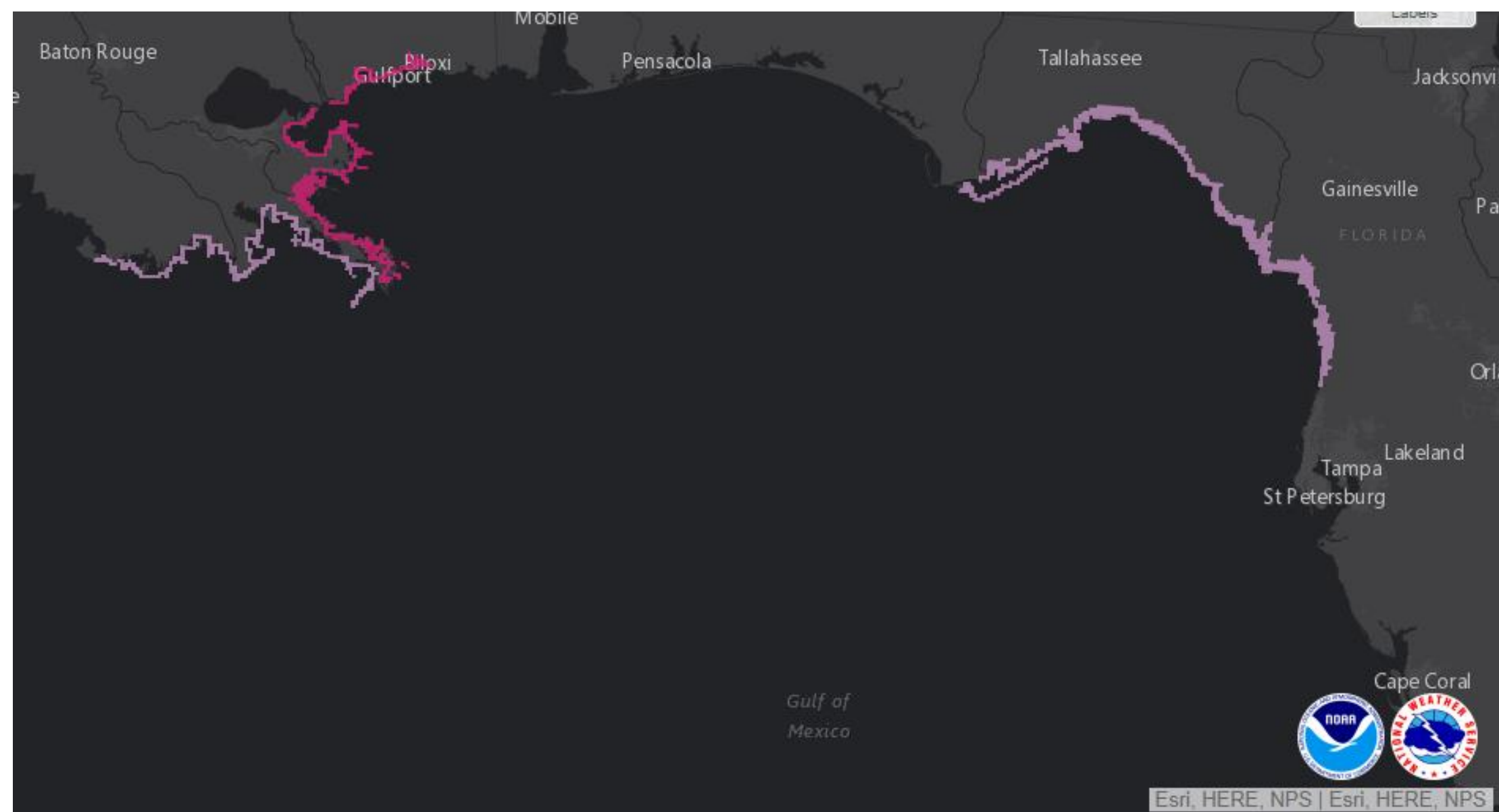
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Forecast Information

Tropical Storm Cristobal



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- Storm Surge Warning is in effect for Mouth of the Mississippi River to Ocean Springs Mississippi including Lake Borgne
- A Storm Surge Watch is in effect for...
 - * Indian Pass to Arepika Florida
 - * East of Morgan City Louisiana to the mouth of the Mississippi River

NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

Earliest Reasonable Time of Arrival

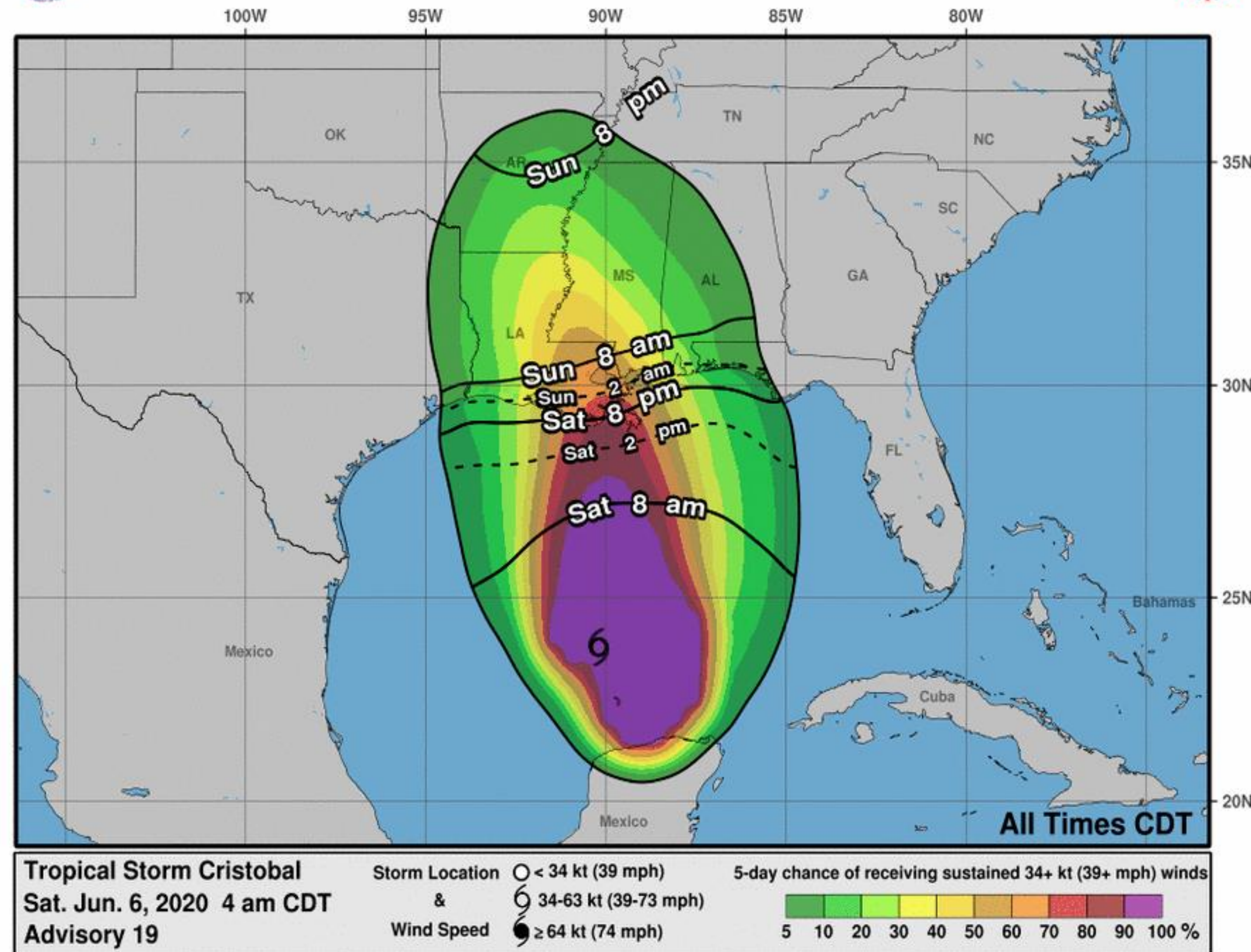
Tropical Storm Cristobal



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Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



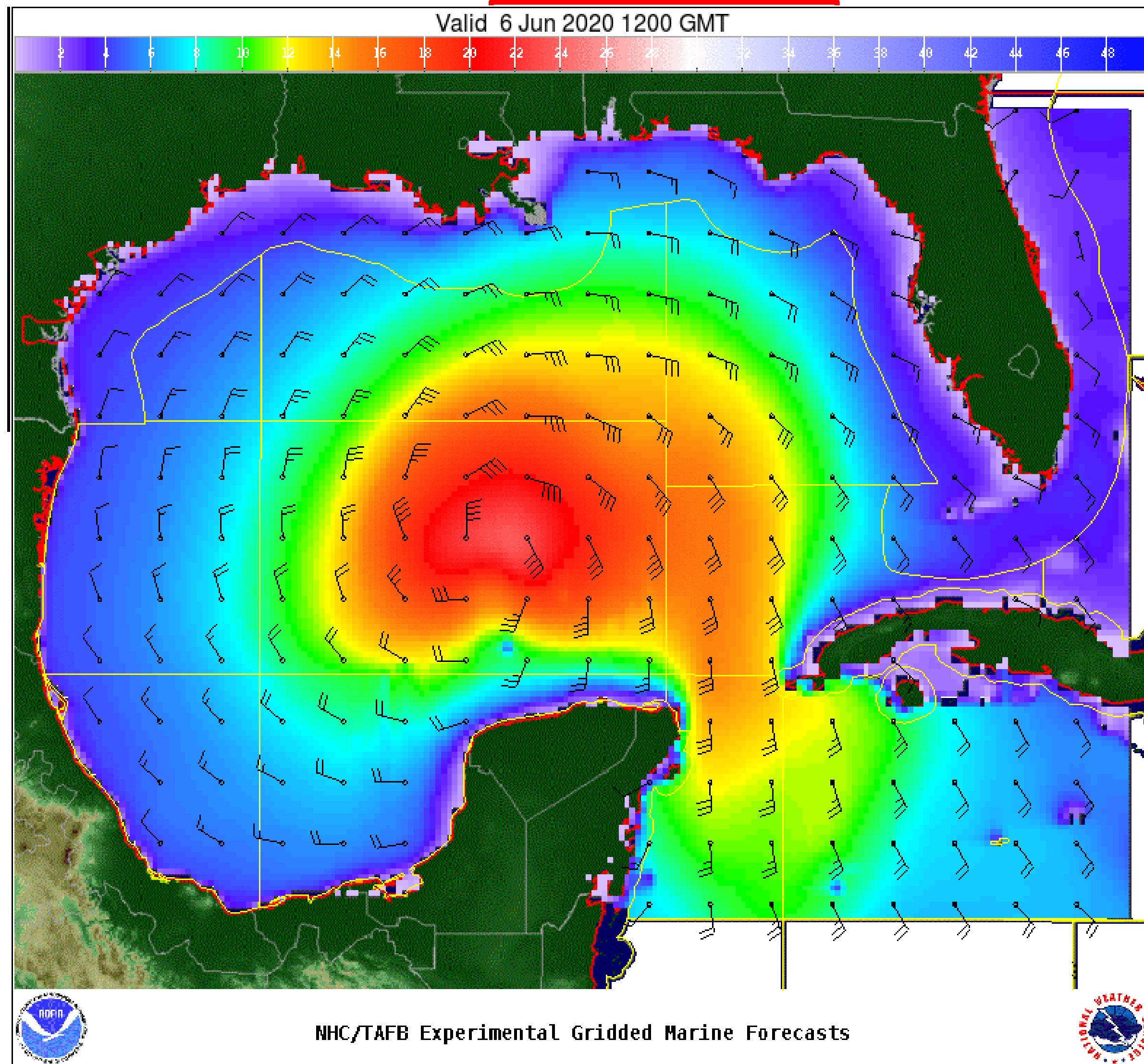
- Tropical-storm-force winds could arrive onshore later this afternoon
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- 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 Cristobal



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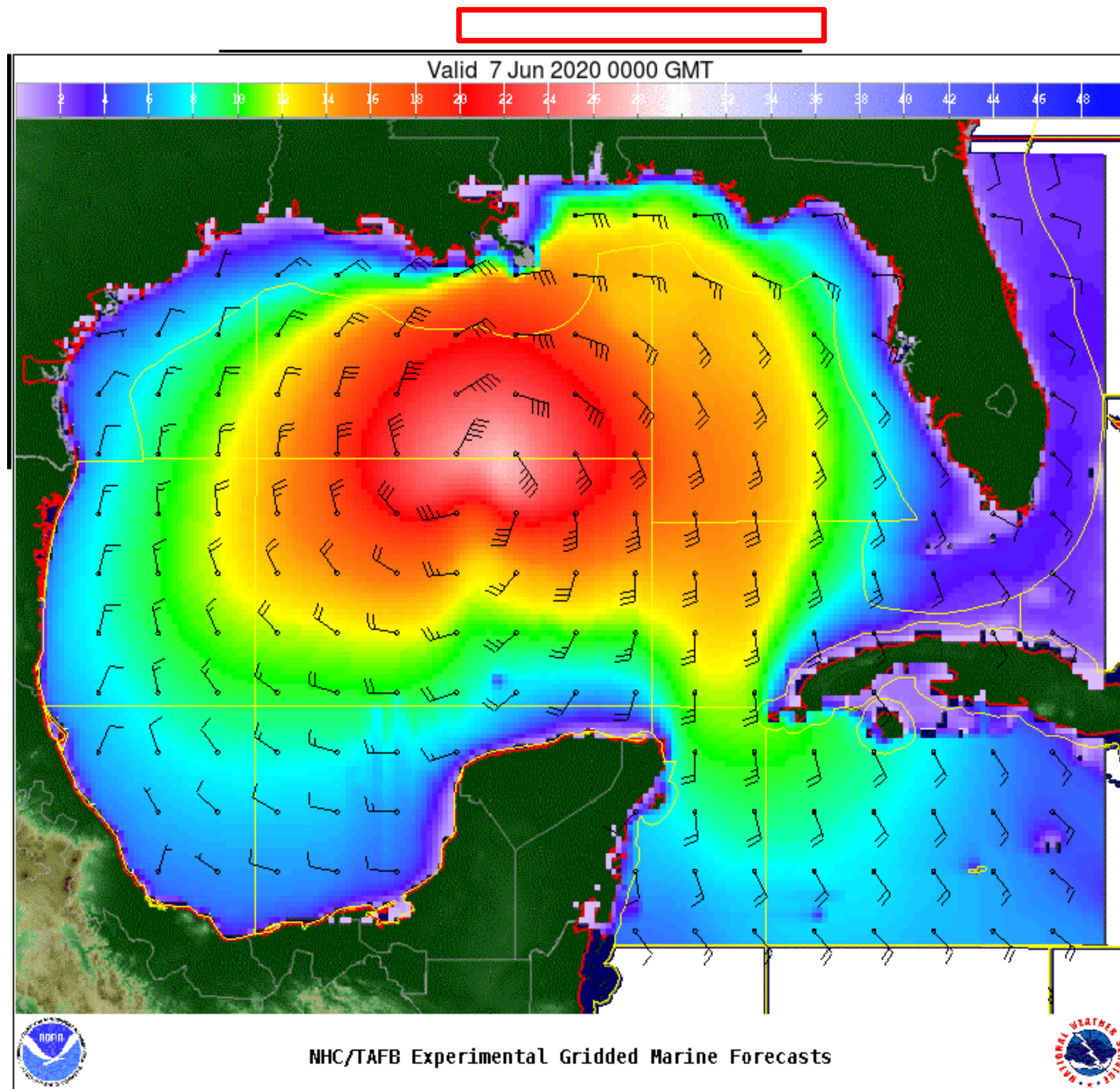
Current Conditions, Jun 6, Saturday morning

Wind And Waves

Tropical Storm Cristobal



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June 6, Saturday Evening

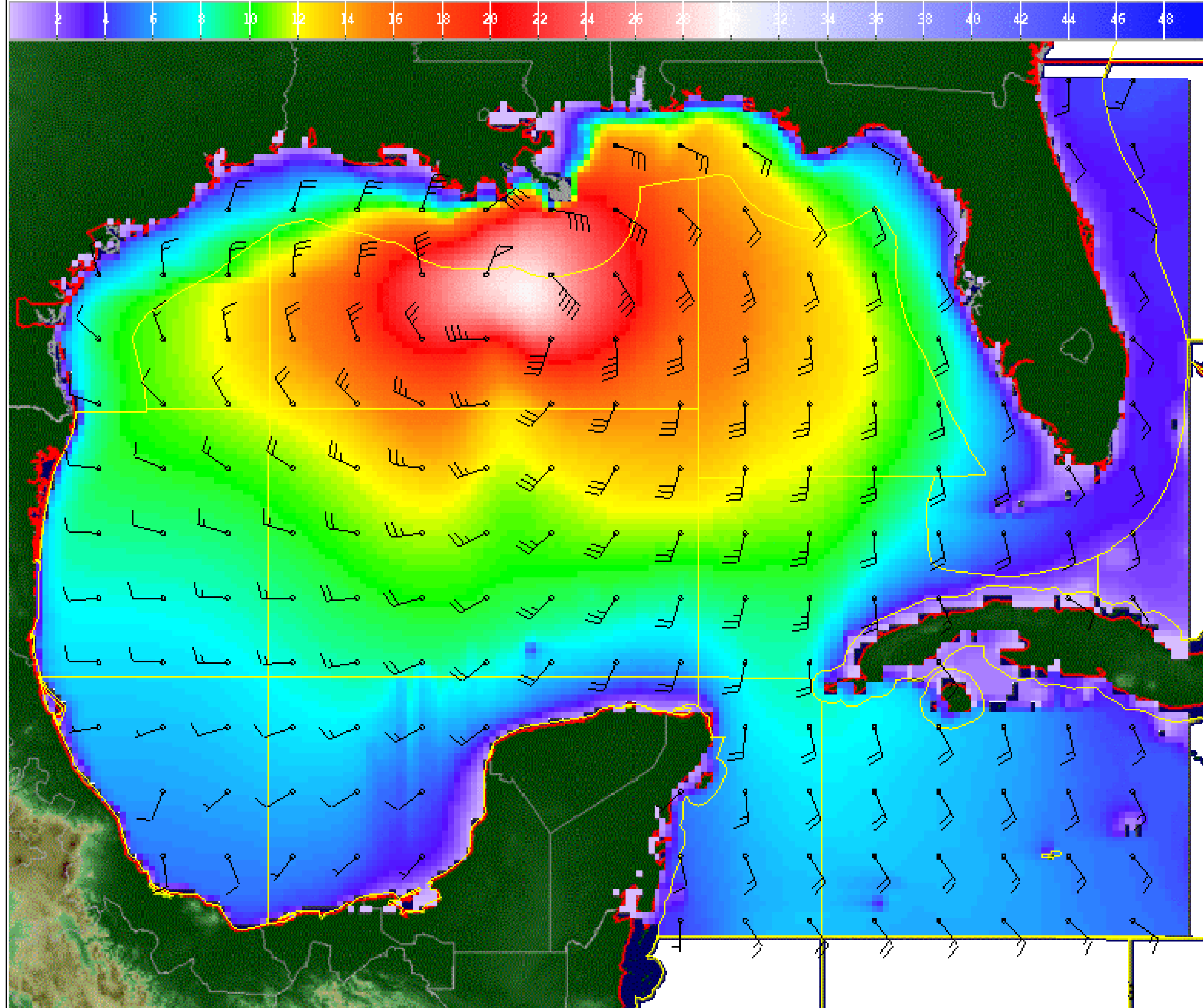
Wind And Waves

Tropical Storm Cristobal



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Valid 7 Jun 2020 1200 GMT



NHC/TAFB Experimental Gridded Marine Forecasts

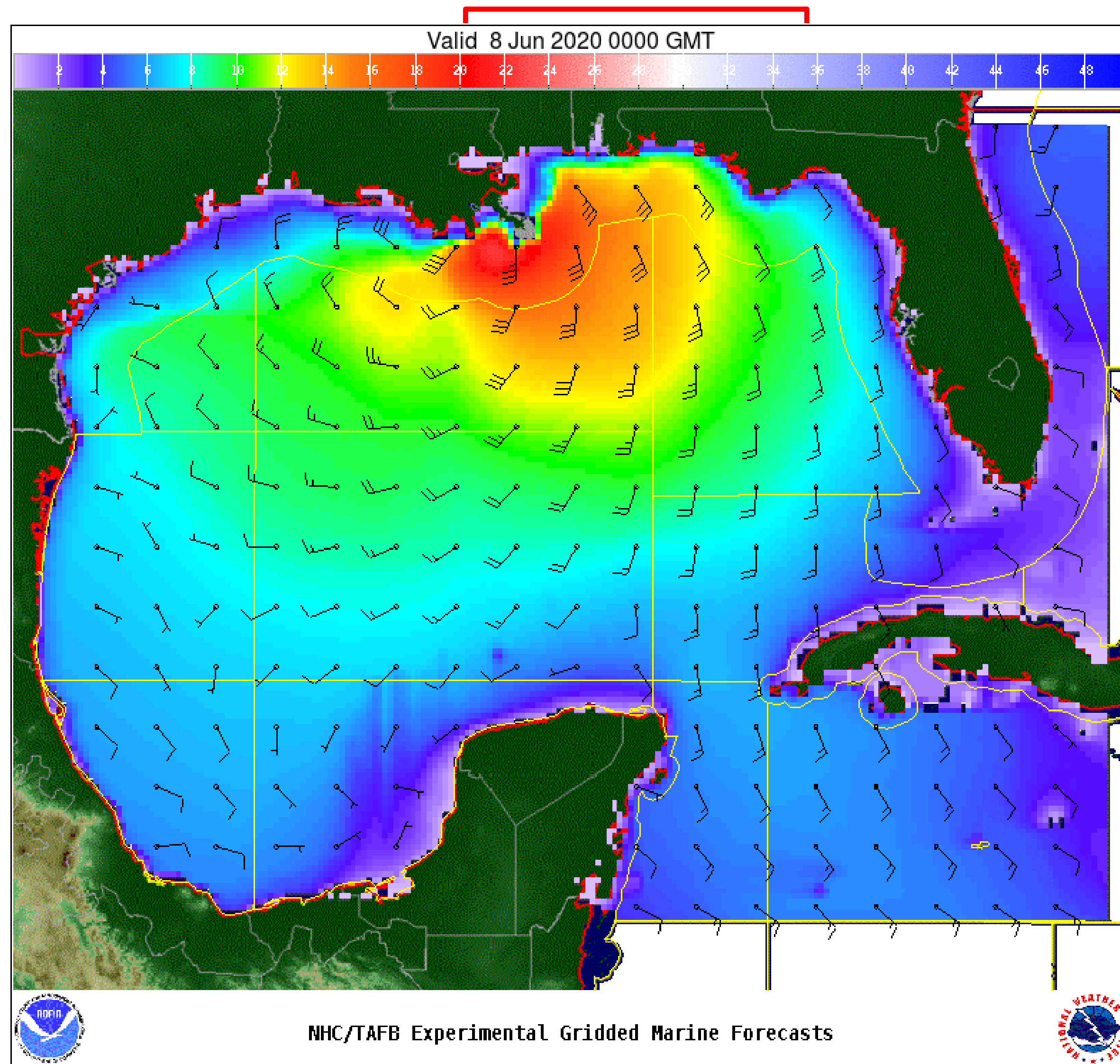
June 7, Sunday Morning

Wind And Waves

Tropical Storm Cristobal



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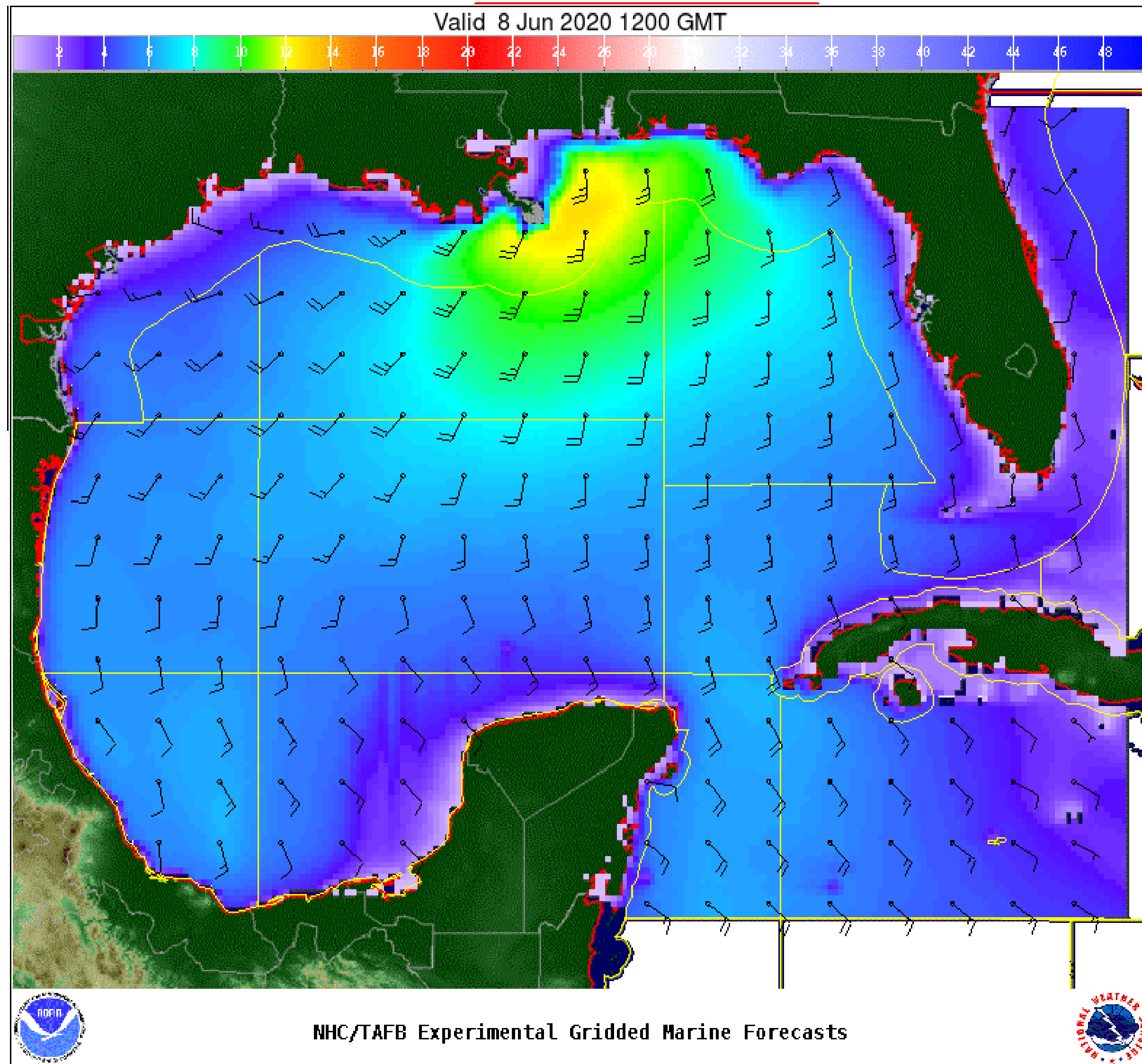
June 7, Sunday Evening

Wind And Waves

Tropical Storm Cristobal



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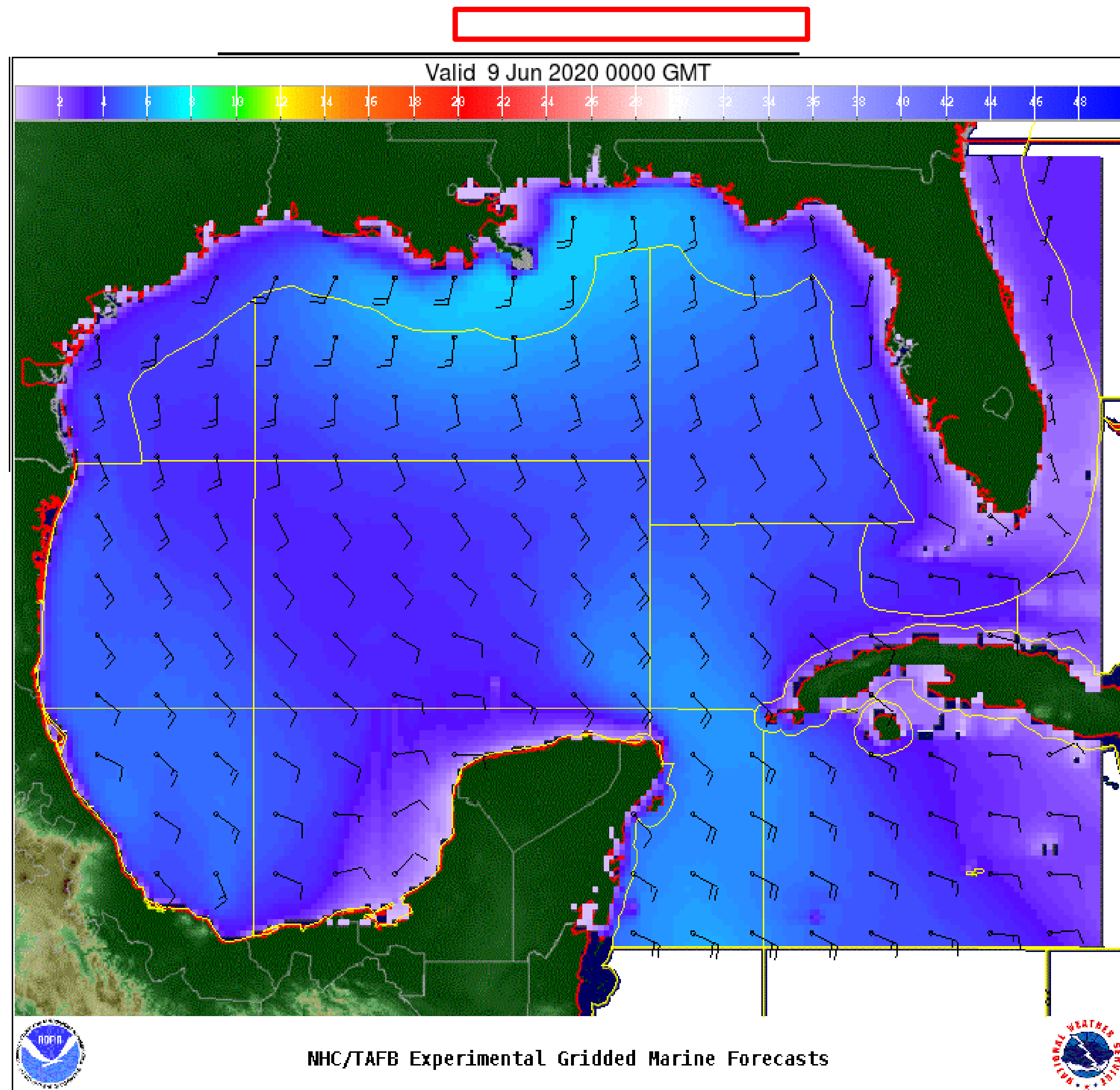
June 8, Monday morning

Wind And Waves

Tropical Storm Cristobal



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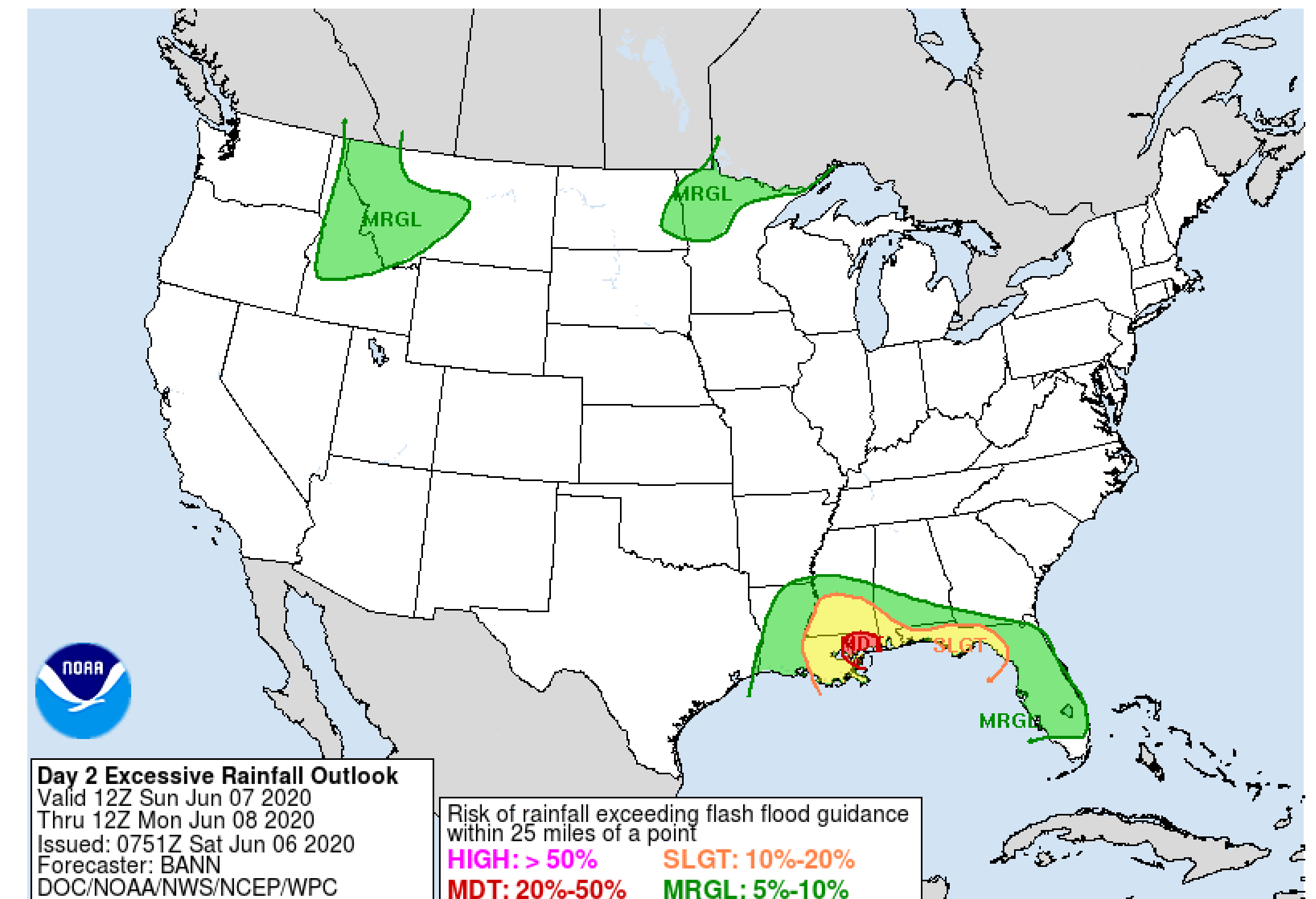
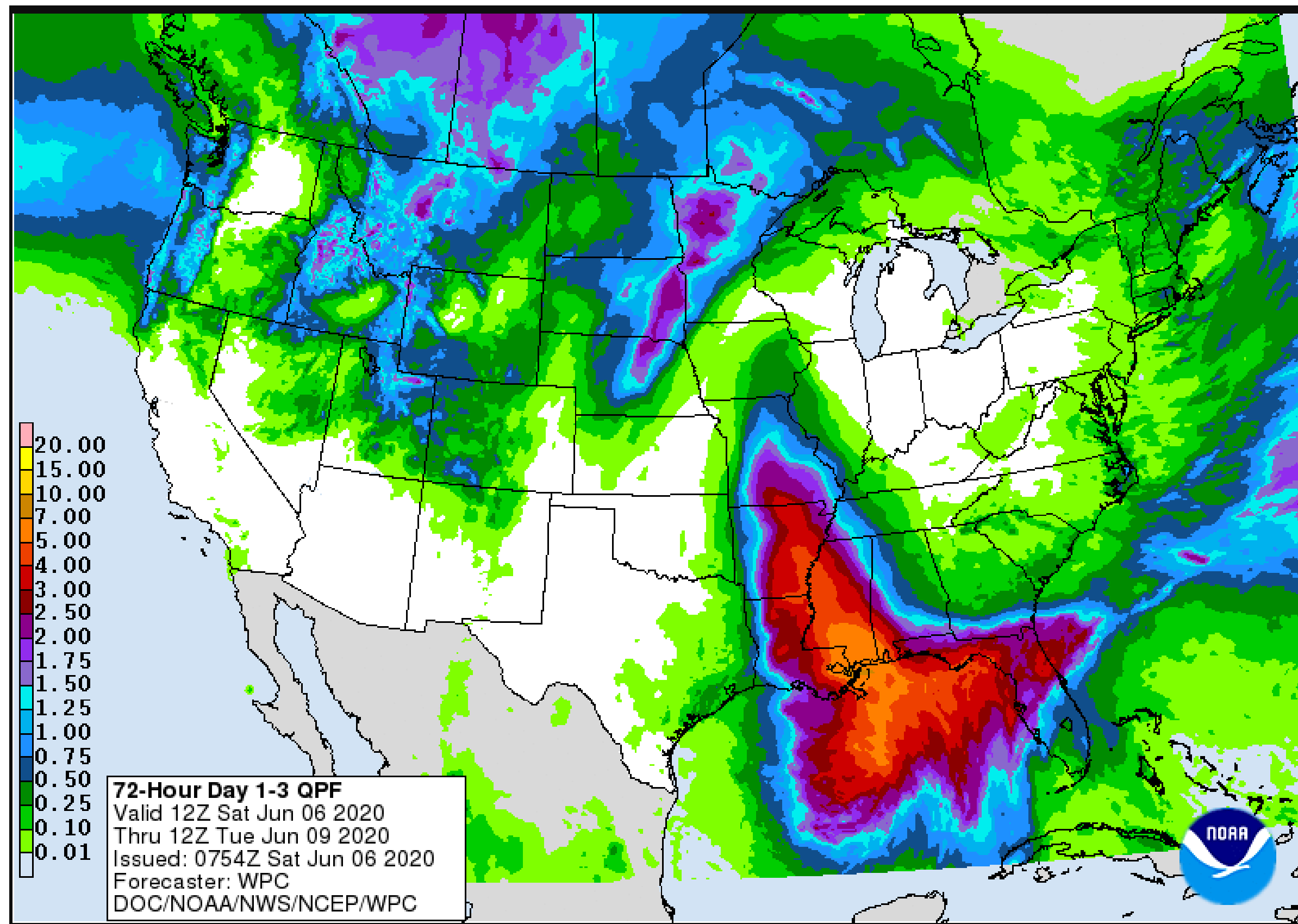
June 8, Monday evening

Expected Storm Total Rainfall

Tropical Storm Cristobal



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- Total rainfall in inches during the time span stated on the map.

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

Tropical Storm Cristobal



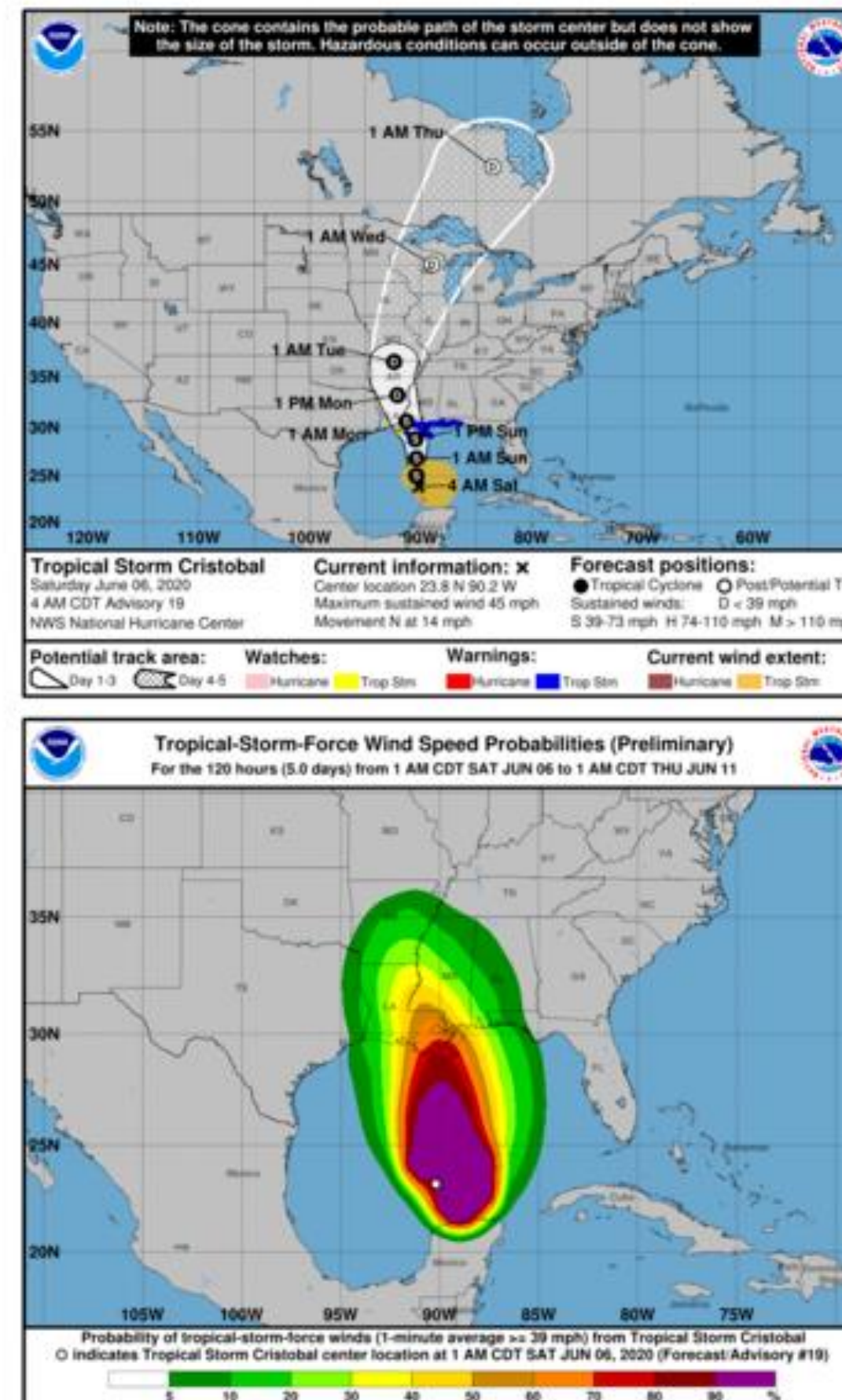
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Key Messages for Tropical Storm Cristobal Advisory 19: 4:00 AM CDT Sat Jun 06, 2020



1. Damaging and deadly flooding was already occurring in portions of Mexico and Central America. Additional rainfall from Cristobal will continue to slowly subside, however life threatening flash floods and mudslides will still be possible into Saturday. Refer to products from your local weather office for more information.
2. There is a danger of life-threatening storm surge outside of the Hurricane and Storm Damage Risk Reduction System from the Mouth of the Mississippi River to Ocean Springs, Mississippi, and a Storm Surge Warning is in effect for those areas. Life-threatening storm surge remains possible along the Florida Big Bend and in other portions of southern and southeastern Louisiana where a Storm Surge Watch is in effect. Residents in these locations should follow advice given by local emergency officials.
3. Tropical storm force winds are expected by late Saturday night along the northern Gulf Coast from southeastern Louisiana to the western Florida Panhandle, including metropolitan New Orleans, and a Tropical Storm Warning is in effect for this area. These winds will arrive well in advance of and extend well east of Cristobal's center.
4. Heavy rainfall will spread into portions of the Gulf Coast, from east Texas to Florida, this weekend into early next week, with areas of flash flooding. Significant flooding will be possible on the smaller tributaries, especially where heavier rainfall occurs over portions of the Mid-South and Gulf Coast.



For more information go to hurricanes.gov

- Tropical Storm Warning in effect for central and northern Gulf waters
- Seas will build to near 30 ft over the north central Gulf through Sunday as Cristobal approaches the Gulf Coast



TROPICAL STORM CRISTOBAL 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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