

IMPACTS FOR D8 (through next 5 days)

Winds – Moderate

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - Moderate

POTENTIAL TROPICAL CYCLONE THREE BRIEFING



11:00 AM CDT
Friday, June 18, 2021

Prepared by:

Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*

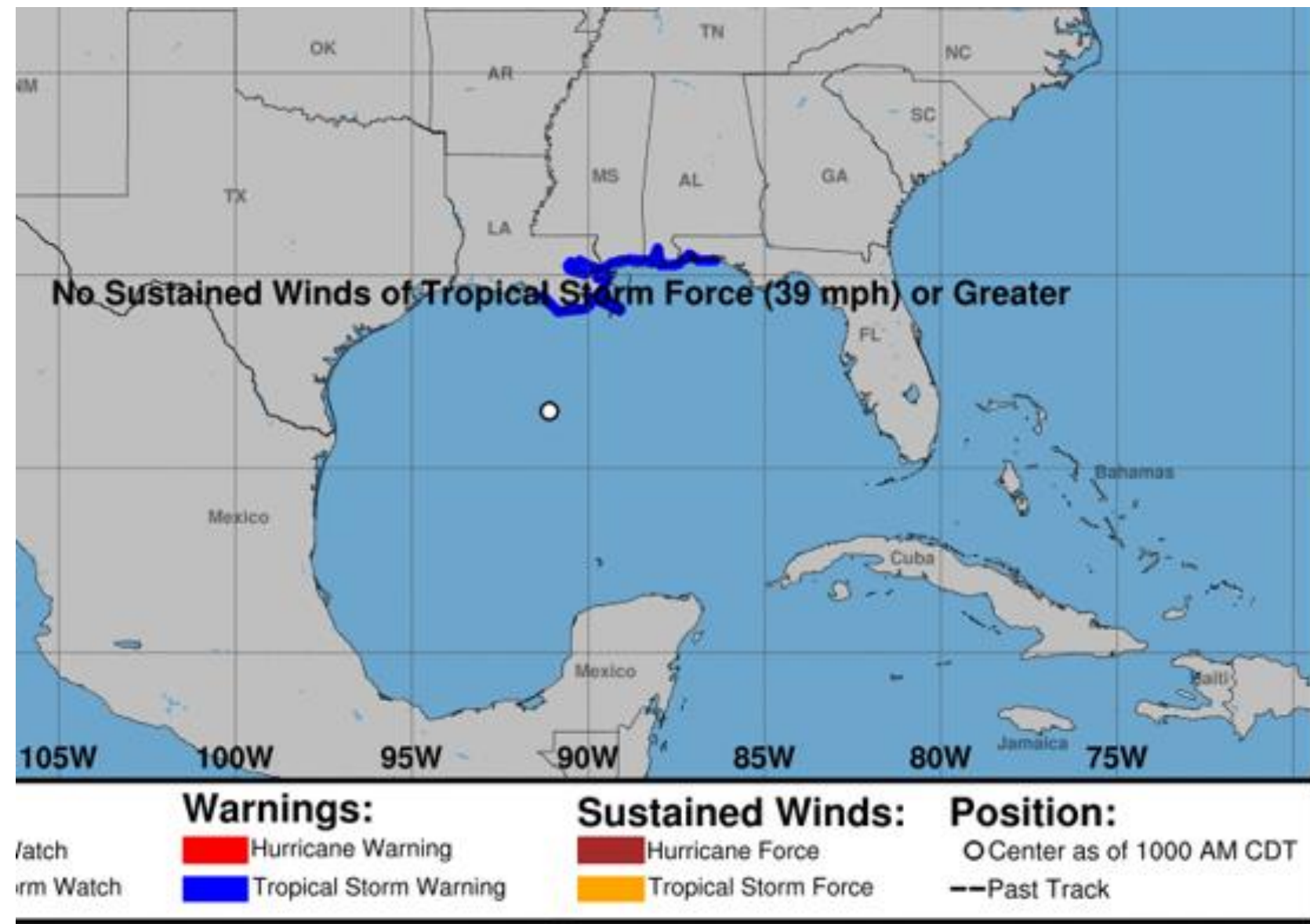


Situation Overview



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NWS National Hurricane Center

Potential Tropical Cyclone Three

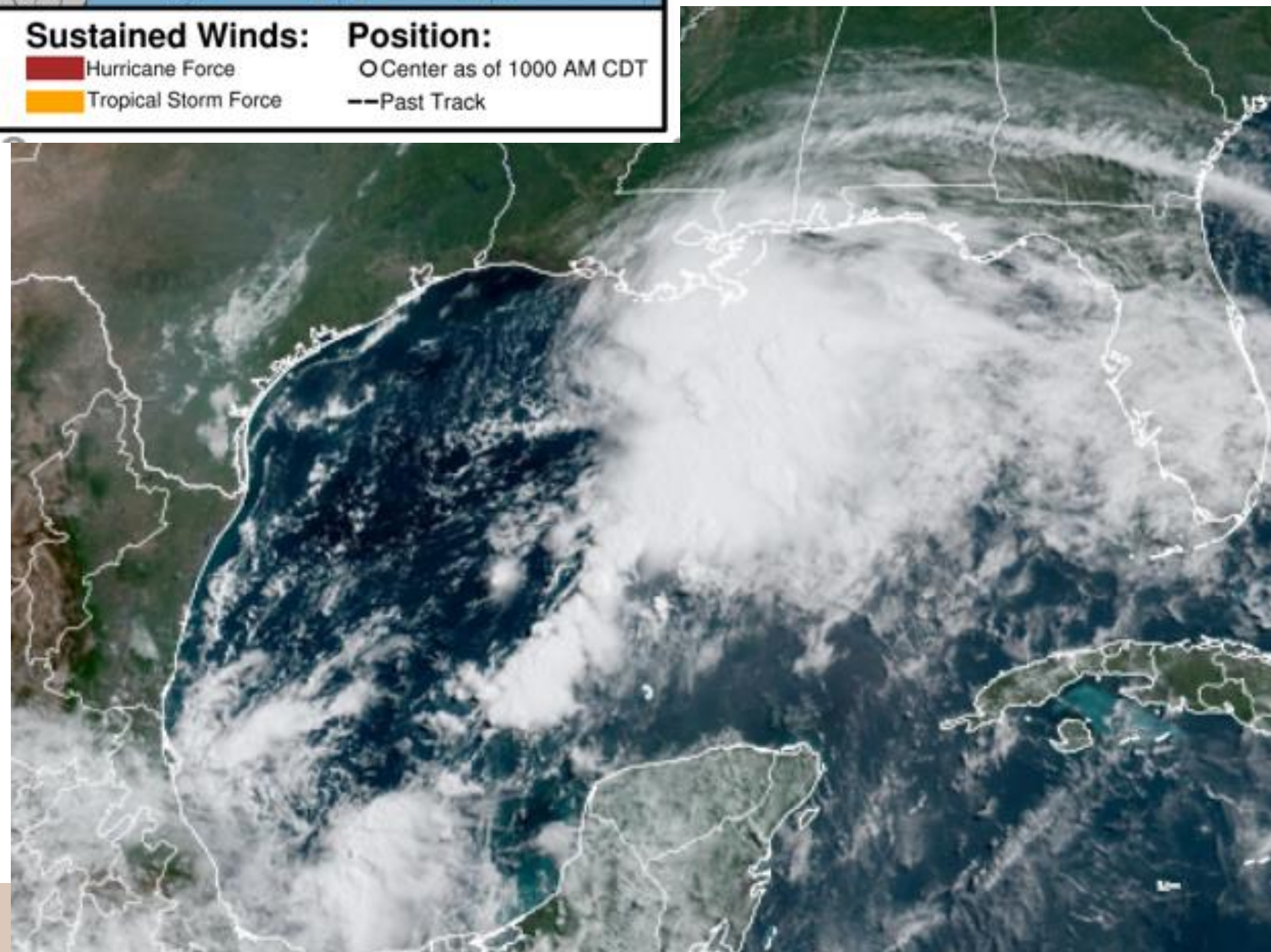


...HEAVY RAINFALL AND GUSTY WINDS BEGINNING TO REACH PORTIONS OF THE NORTHERN GULF COAST...

SUMMARY OF 1000 AM CDT INFORMATION

LOCATION...26.5N 91.1W
ABOUT 190 NM S OF MORGAN CITY LA
ABOUT 290 NM SSW OF MOBILE AL
MAXIMUM SUSTAINED WINDS 30 KT
PRESENT MOVEMENT...NNE AT 13 KT

PEAK SEAS 10 FT

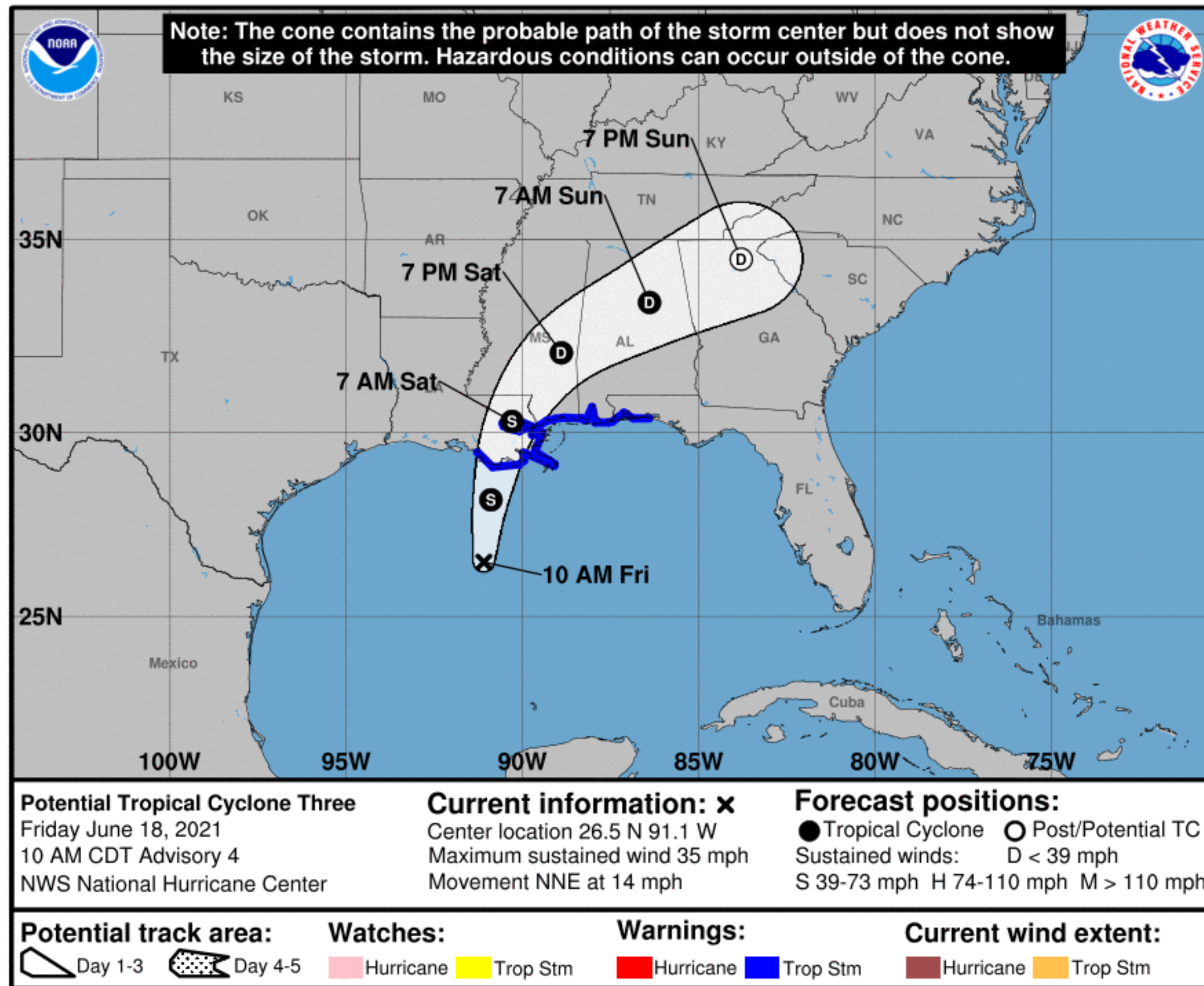


Forecast Information



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Potential Tropical Cyclone Three



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

- System expected to become low-end tropical storm later today or tonight, while moving steadily north-northeastward
- Landfall as a low-end tropical storm tonight or Saturday morning with tropical storm winds expected between eastern Louisiana through western panhandle of Florida
- System expected to turn northeast after landfall and dissipated over SE United States
- Current center forecast positions through the next 3 days illustrated by dots
- White swath of potential track is average track error added to each side of the forecast track through day 3

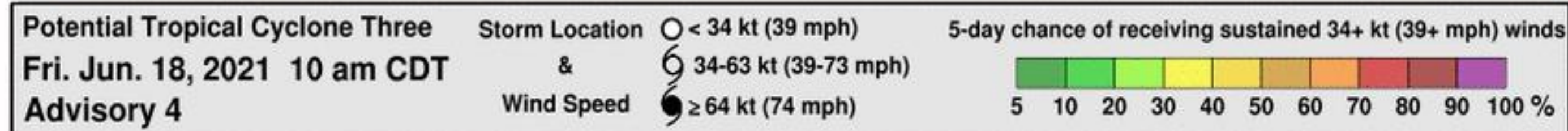
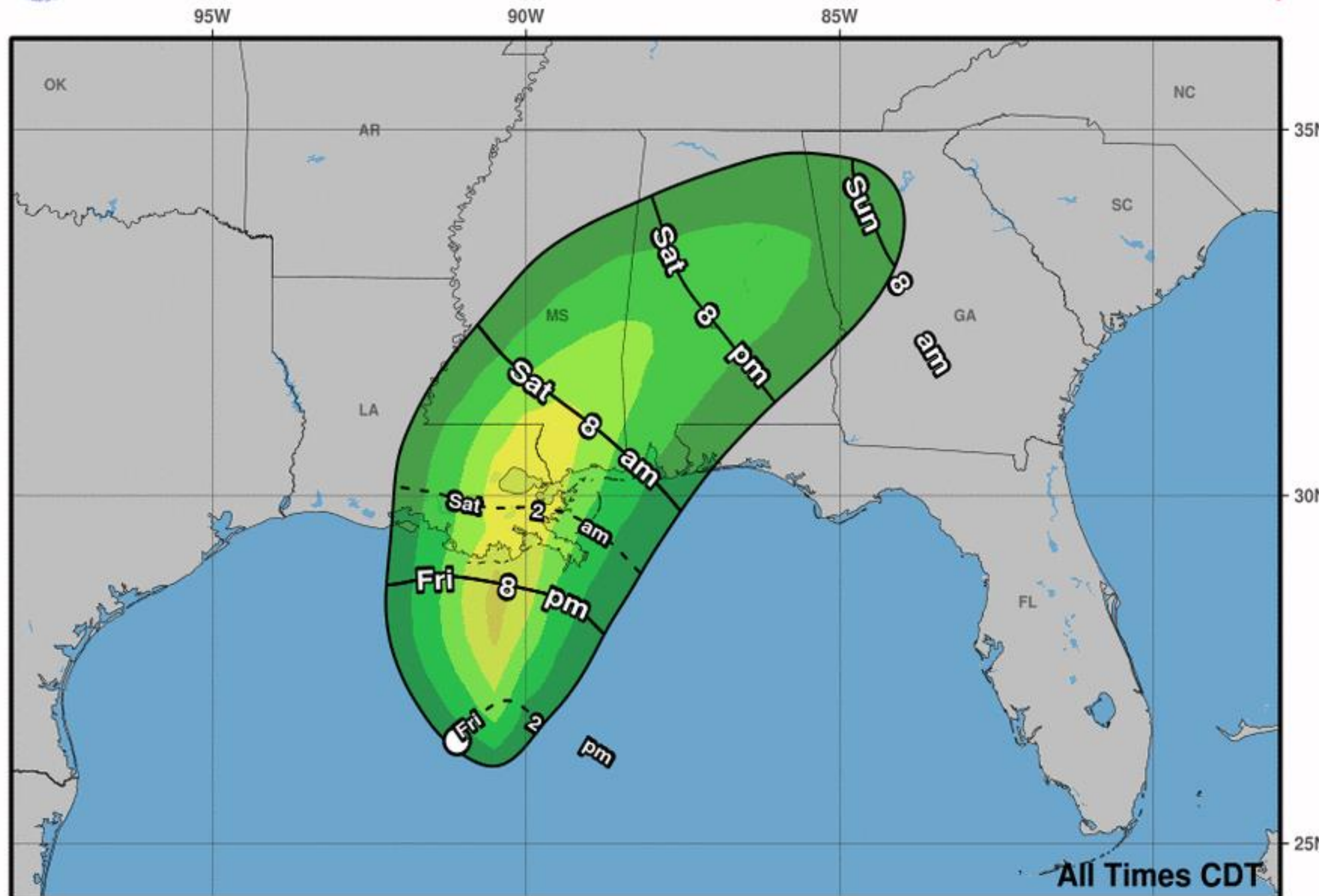
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.



Potential Tropical Cyclone Three



Most Likely Arrival Time of Tropical-Storm-Force Winds



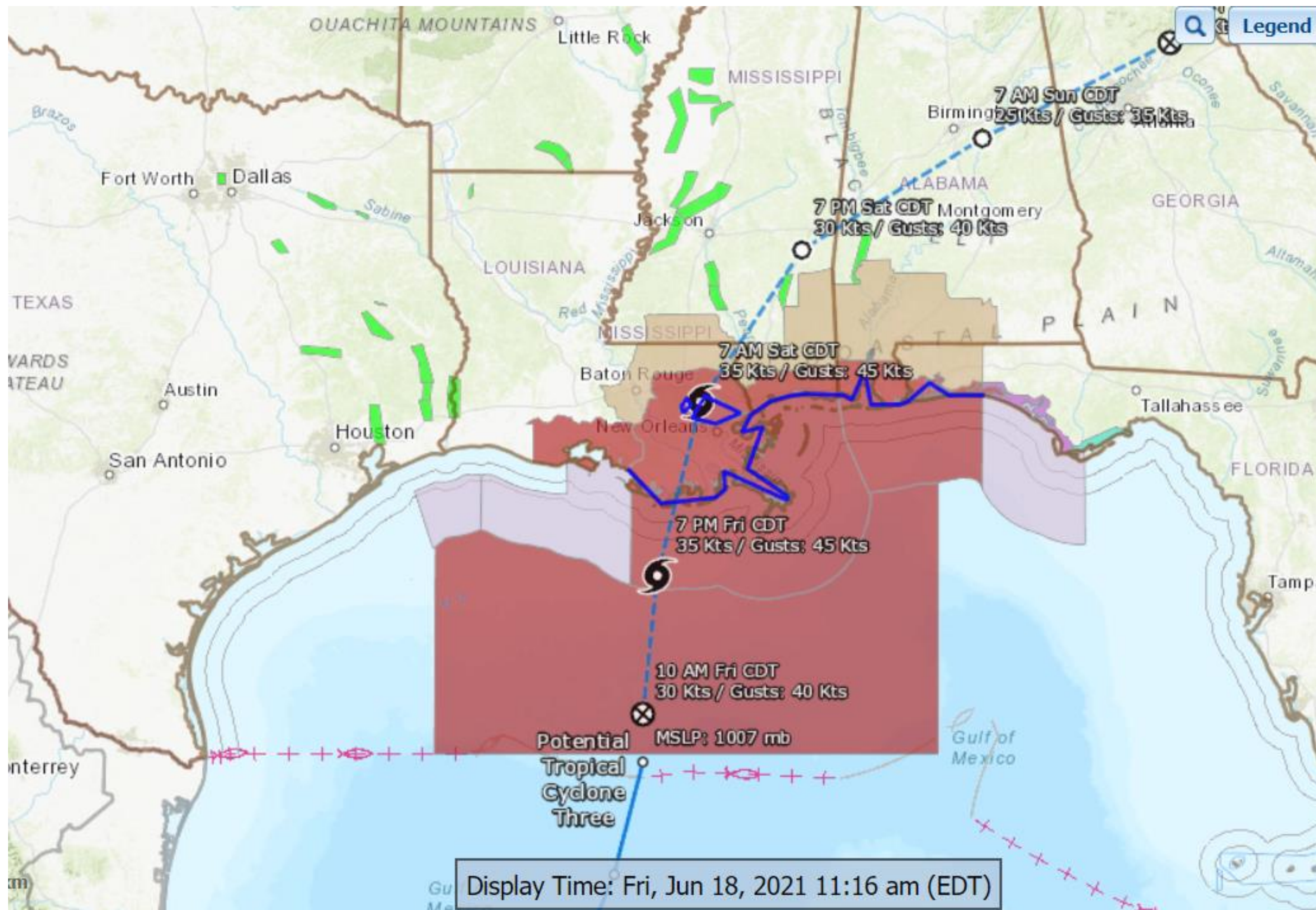
- Morgan City, LA – 20%
 - Baton Rouge, LA – 15%
 - New Orleans, LA – 35%
 - Buras, LA – 25%
 - Gulfport, MS – 25%
 - Mobile, AL – 15%
- The most likely time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
 - Clear or dark green are the lowest chances of 0-30%.
 - Yellow is 31-40%
 - See the color bar below the image for more details.

Hazards Map

Potential Tropical Cyclone Three



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NWS National Hurricane Center



- Small Craft Advisory
- Tropical Storm Warning
- Wind Advisory
- High Surf Advisory
- Rip Current Statement
- Flood Warning (Point)

■ <https://nowcoast.noaa.gov/>

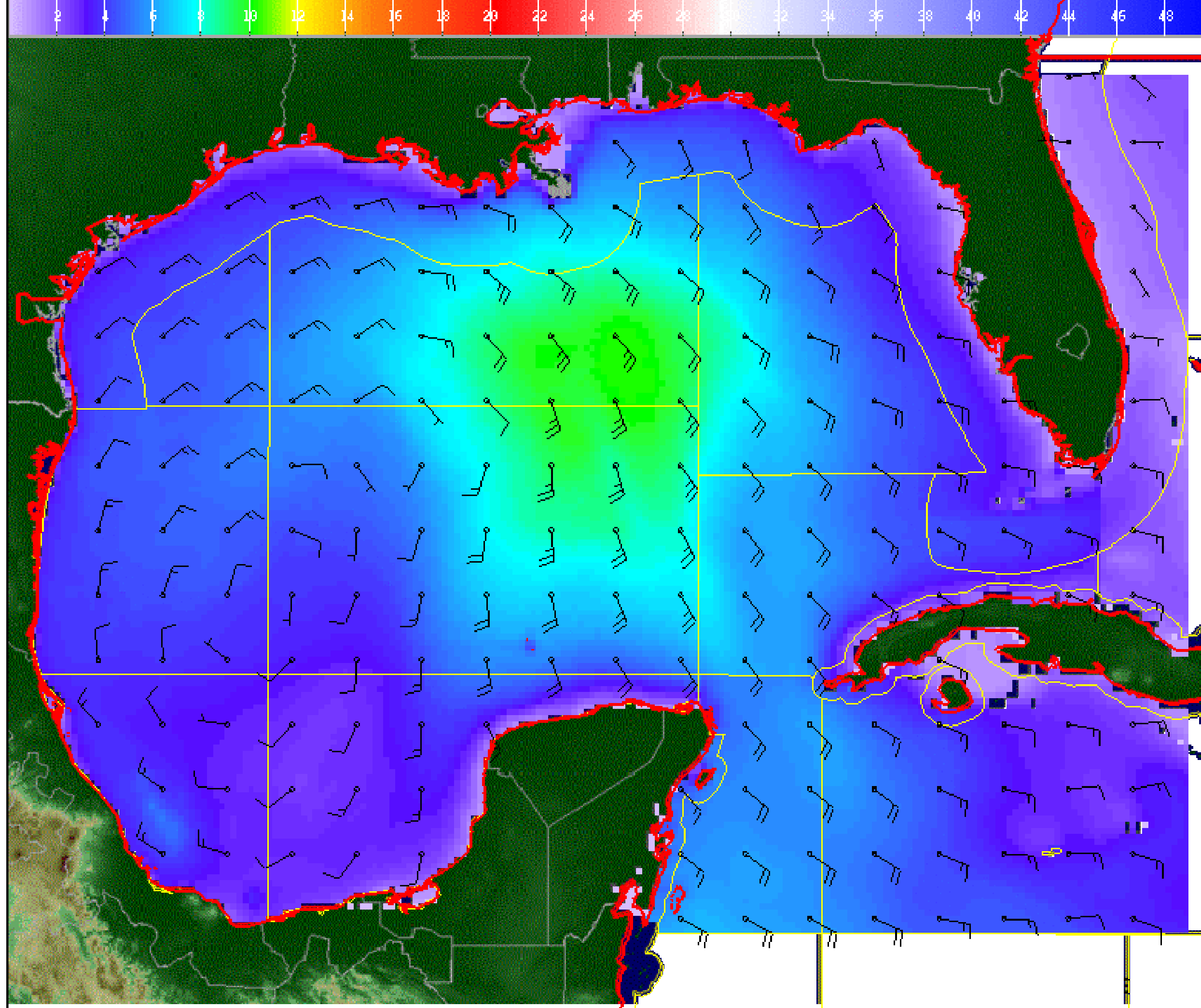
Wind And Waves



Tropical Analysis and Forecast Branch
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Potential Tropical Cyclone Three

Valid 18 Jun 2021 1200 GMT



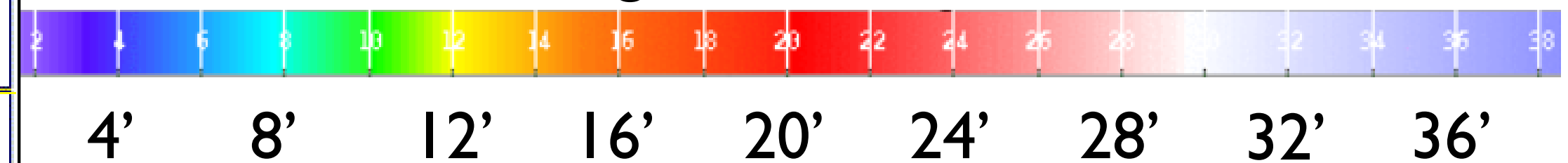
Current Conditions

7am CDT, Friday, June 18th

Peak Winds: 30 kt

Peak Seas: 10 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



6/18/2021 11:35 AM

www.nhc.noaa.gov

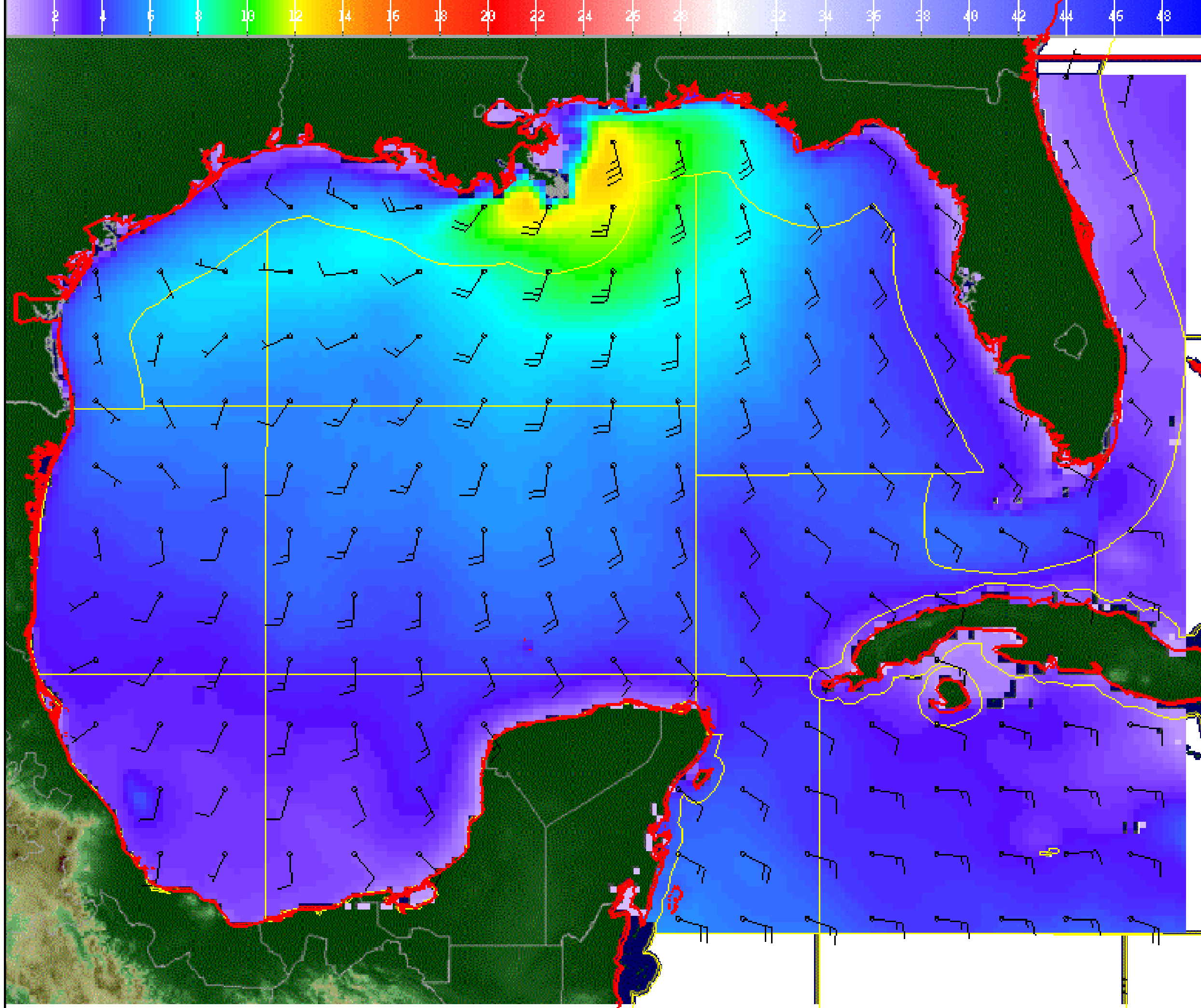
Wind And Waves

Potential Tropical Cyclone Three



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Valid 19 Jun 2021 1200 GMT



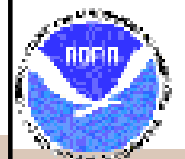
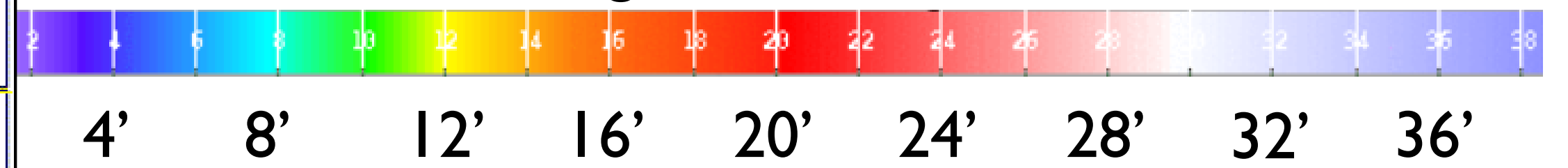
24 Hour Forecast

7am CDT, Saturday, June 19th

Peak Winds: 35 kt

Peak Seas: 12 ft

■ Wave heights are in feet



NHC/TAFB Gridded Marine Forecasts



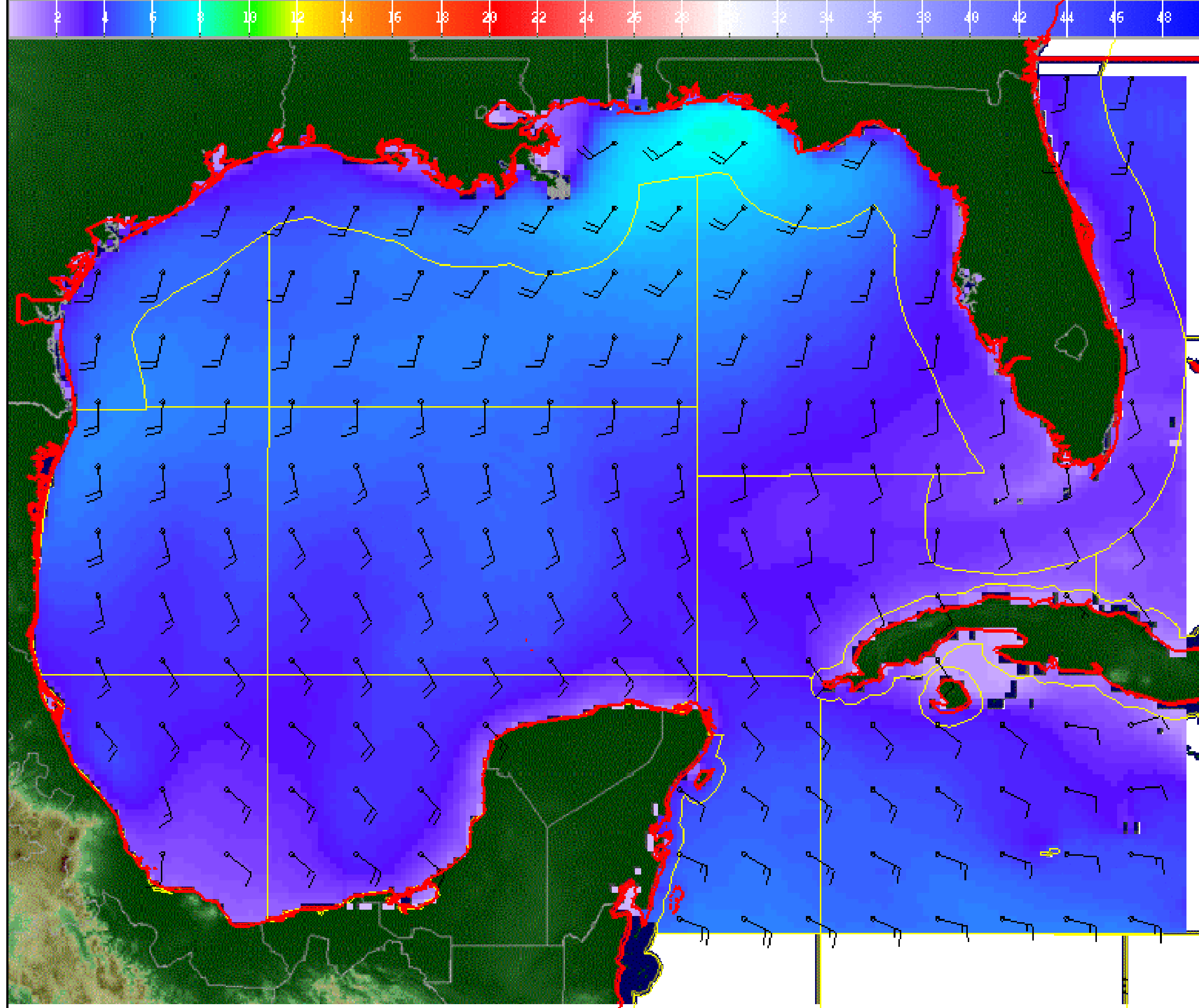
Wind And Waves



Tropical Analysis and Forecast Branch
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Potential Tropical Cyclone Three

Valid 20 Jun 2021 1200 GMT



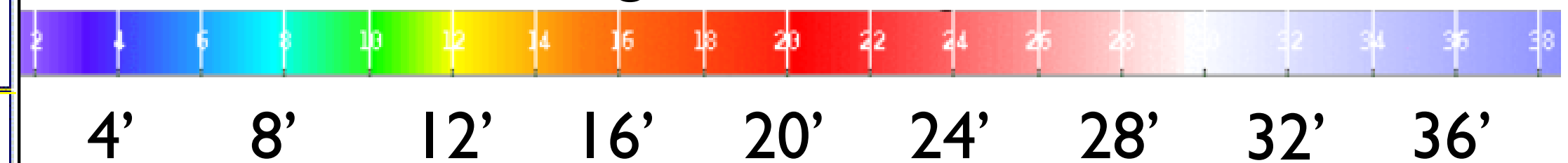
48 Hour Forecast

7am, Sunday, June 20th

Peak Winds: 20 kt

Peak Seas: 8 ft

■ Wave heights are in feet



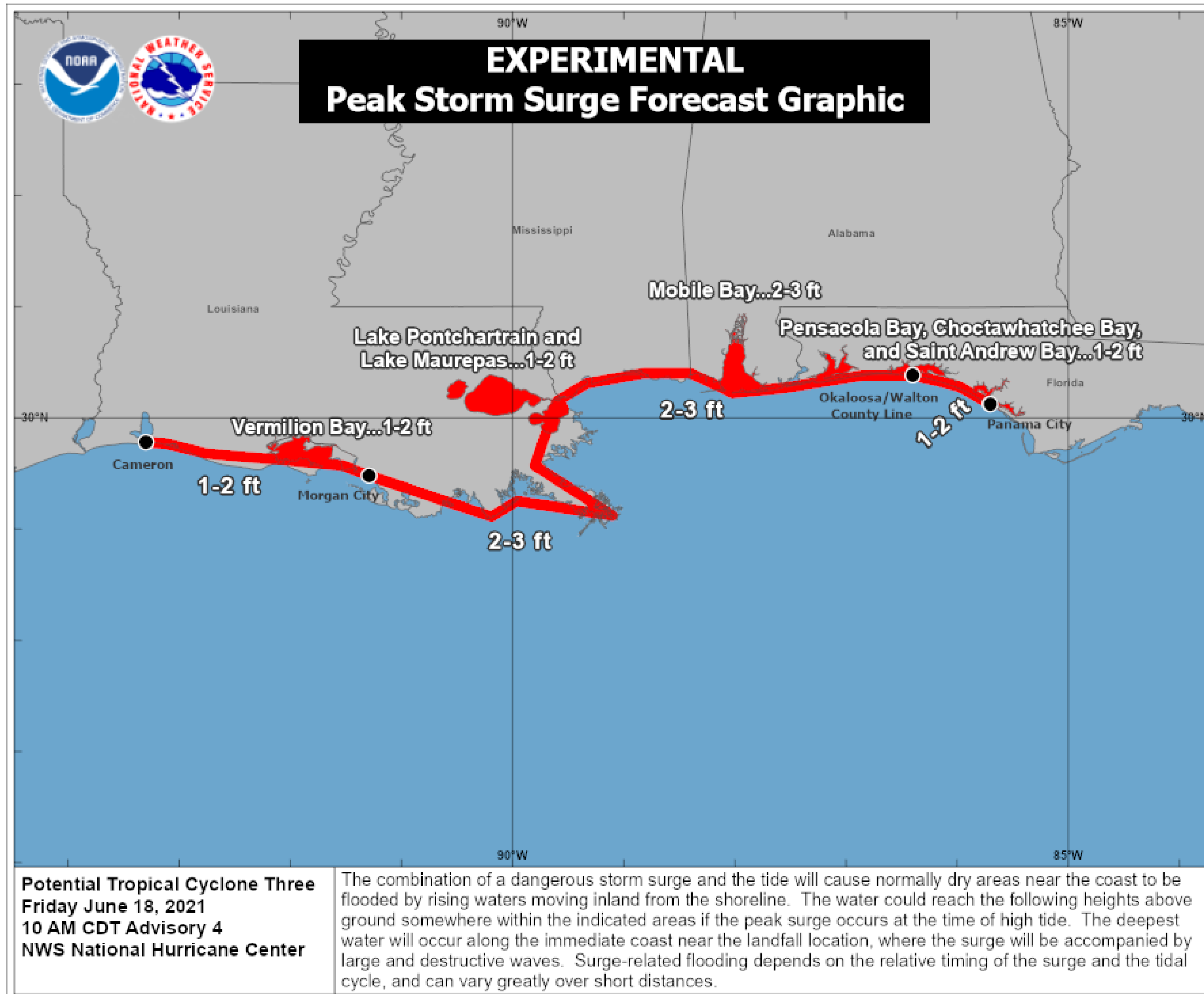
NHC/TAFB Gridded Marine Forecasts

Potential Peak Storm Surge / Watches and Warnings



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NWS National Hurricane Center

Potential Tropical Cyclone Three



- No Storm Surge Warnings in place
- Potential storm surge is represented in feet above the ground at any given point.

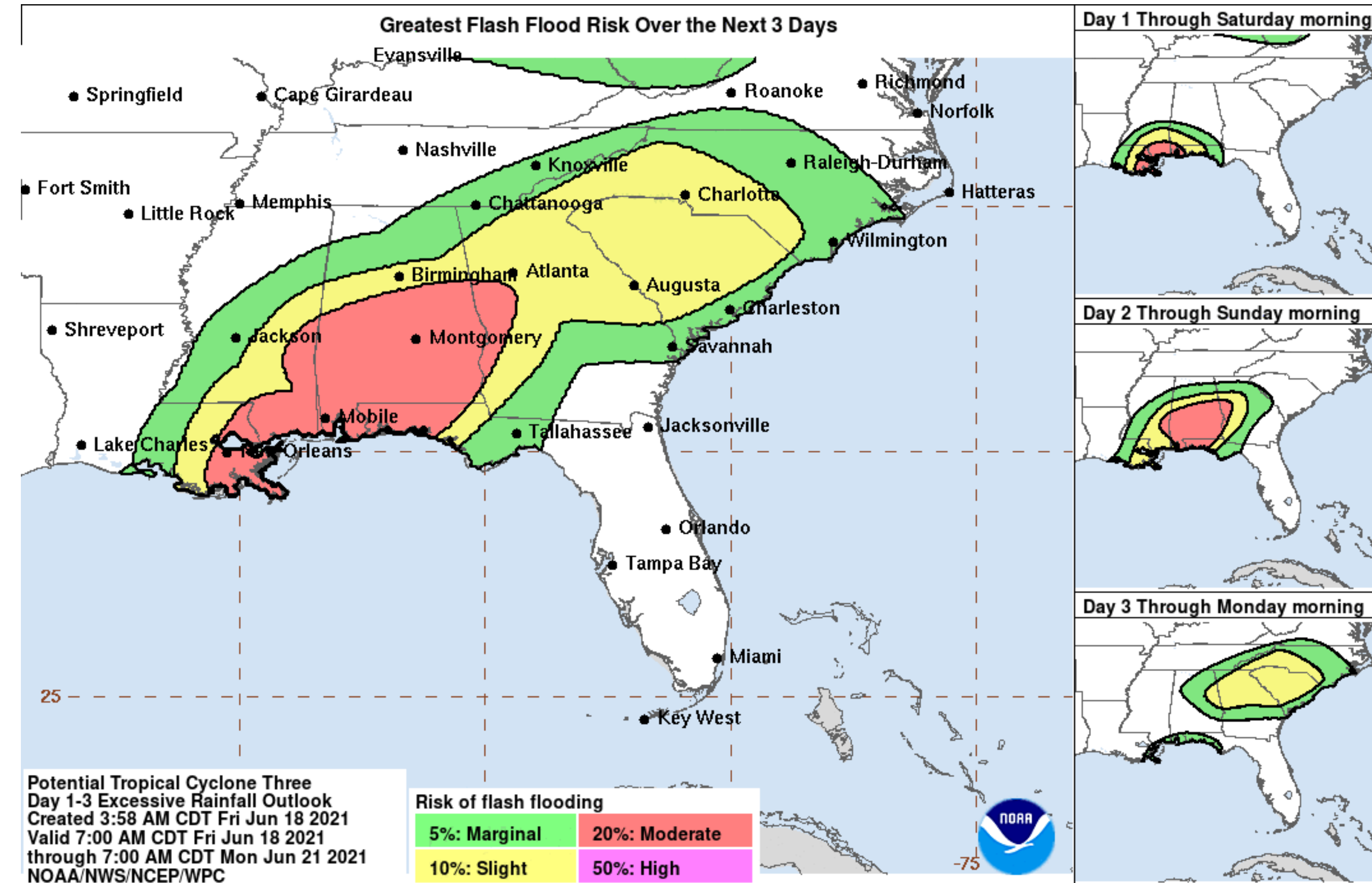
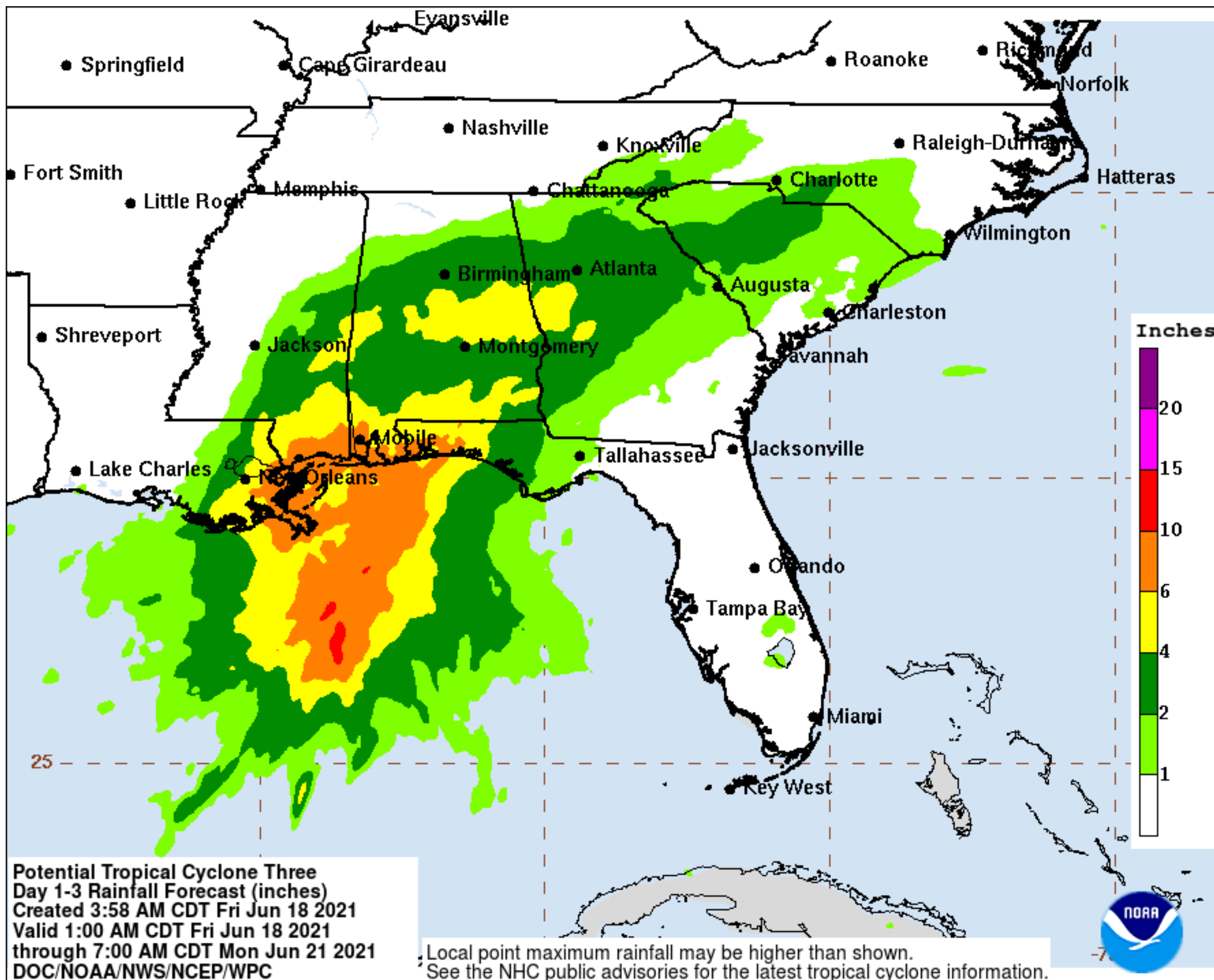
Expected Storm Total Rainfall and Chance of Rainfall Flooding



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Potential Tropical Cyclone Three

Images from NWS Weather Prediction Center



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

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

Valid through Monday morning

- Total rainfall in inches through Monday morning

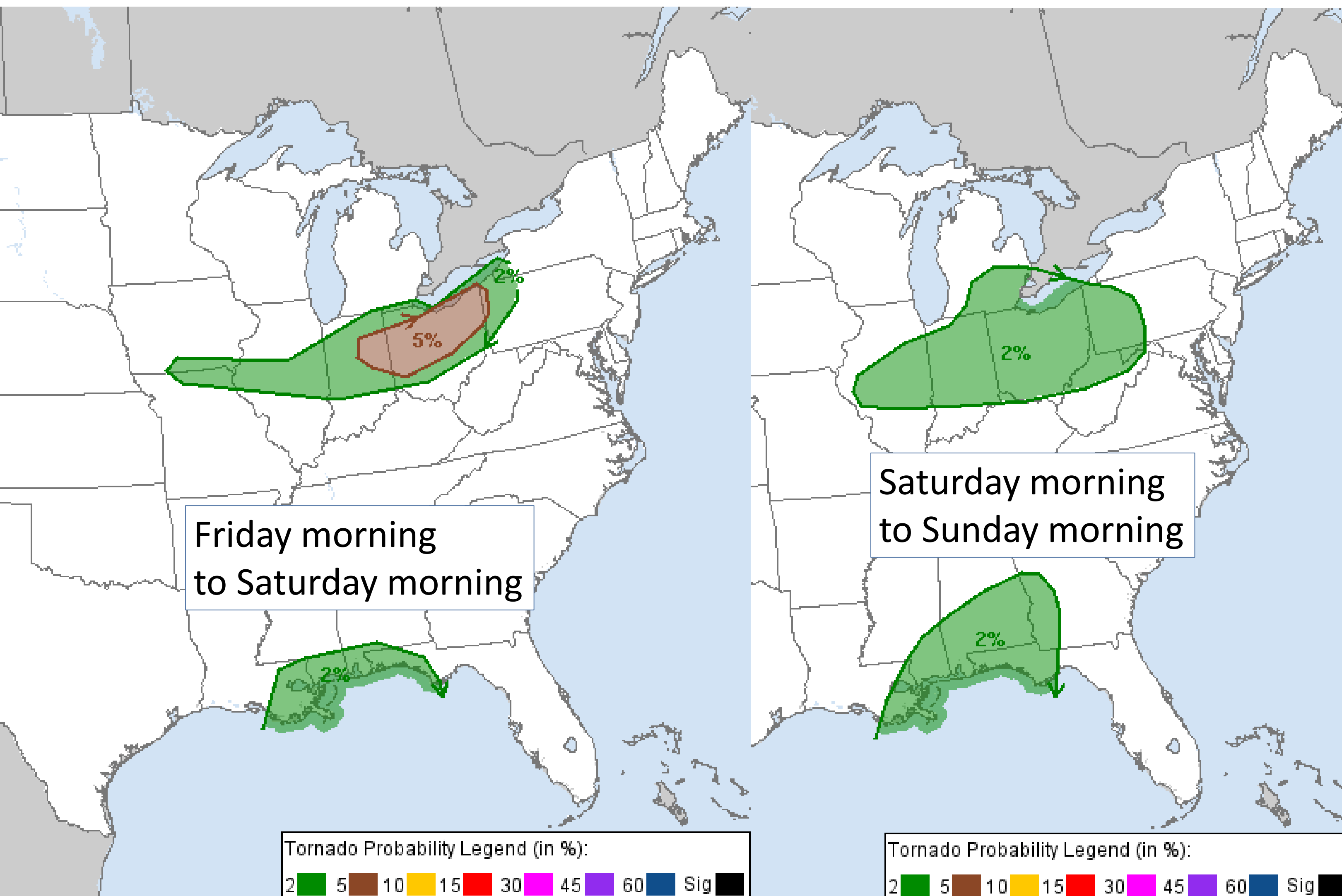
Tornado Outlook – Days 1 and 2



Tropical Analysis and Forecast Branch
NWS National Hurricane Center

Potential Tropical Cyclone Three

Image from NWS Storm Prediction Center




- Isolated tornados are possible through Sunday morning

Key Messages

Potential Tropical Cyclone Three



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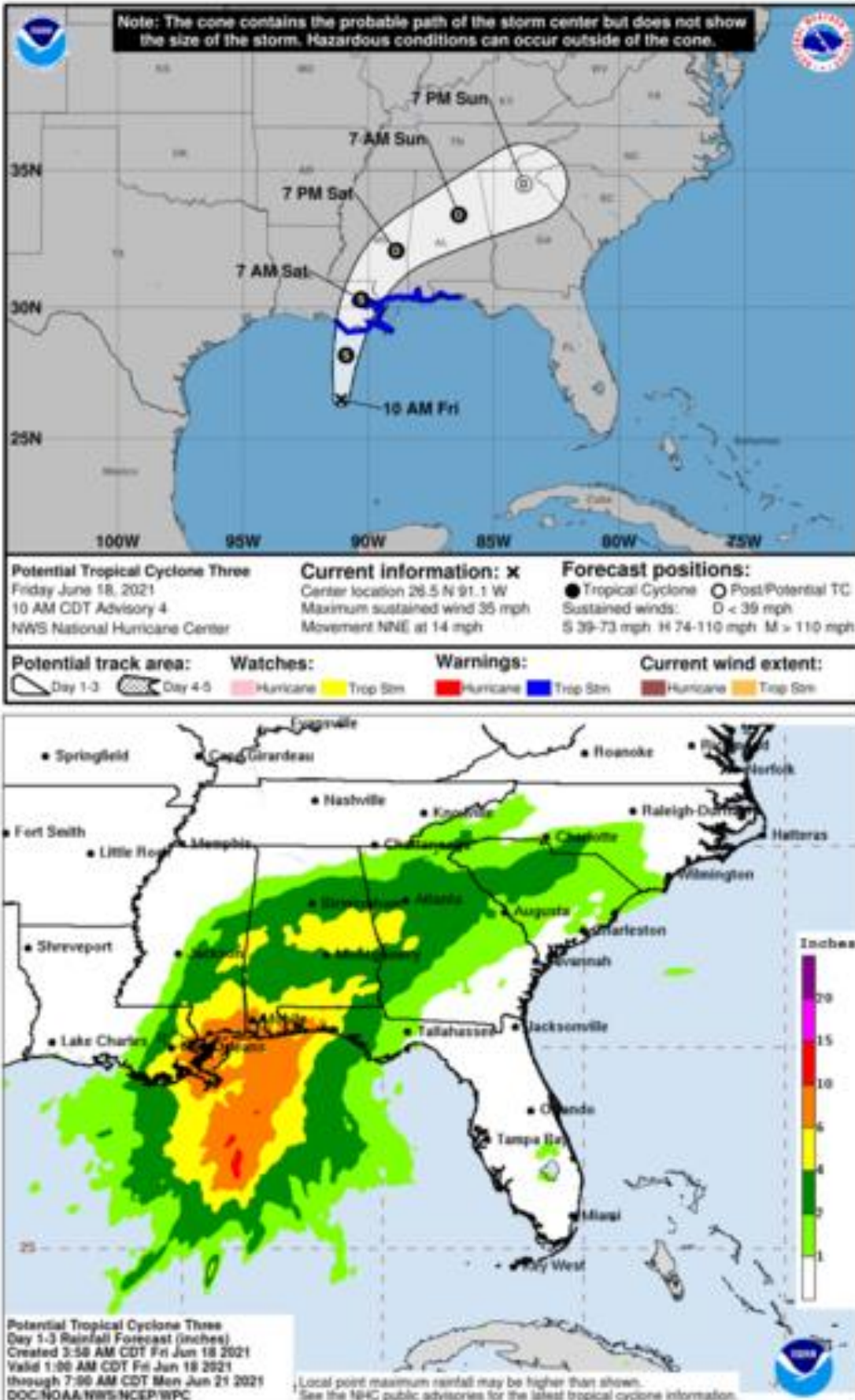


Key Messages for Potential Tropical Cyclone Three

Advisory 4: 10:00 AM CDT Fri Jun 18, 2021

1. The system is expected to produce heavy rainfall, considerable flash, urban and small stream flooding beginning today and continuing through the weekend along the Central Gulf coast. Flood impacts will spread northeastward into the Southern Appalachians.

2. Tropical storm conditions are expected to begin later today in areas near and well to the east of the center along portions of the central Gulf Coast from Intracoastal City, Louisiana, to the Okaloosa/Walton County line, Florida, including New Orleans.



For more information go to hurricanes.gov

- **Marine Key Messages:**
- Winds currently 30 kt, seas 10 ft
- Expected peak around 35 kt, seas 12 ft over northern Gulf tonight and Saturday morning

IMPACTS FOR D8 (through next 5 days)

Winds – Moderate

Storm Surge – Low

Rainfall/Flash Flooding – High

Tornadoes – Low

Waves - Moderate



POTENTIAL TROPICAL CYCLONE THREE 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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