

IMPACTS FOR D7 (through the next 5 days)

Winds – **Moderate** (Bahamas **High**)

Storm Surge – **Low** (Bahamas **High**)

Rainfall/Flash Flooding – **Low** (Bahamas **Moderate**)

Tornadoes – **None** (Bahamas **Low**)

Waves - **High**

HURRICANE ISAIAS BRIEFING



8:15 AM EDT
Friday, July 31, 2020
Prepared by:
Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

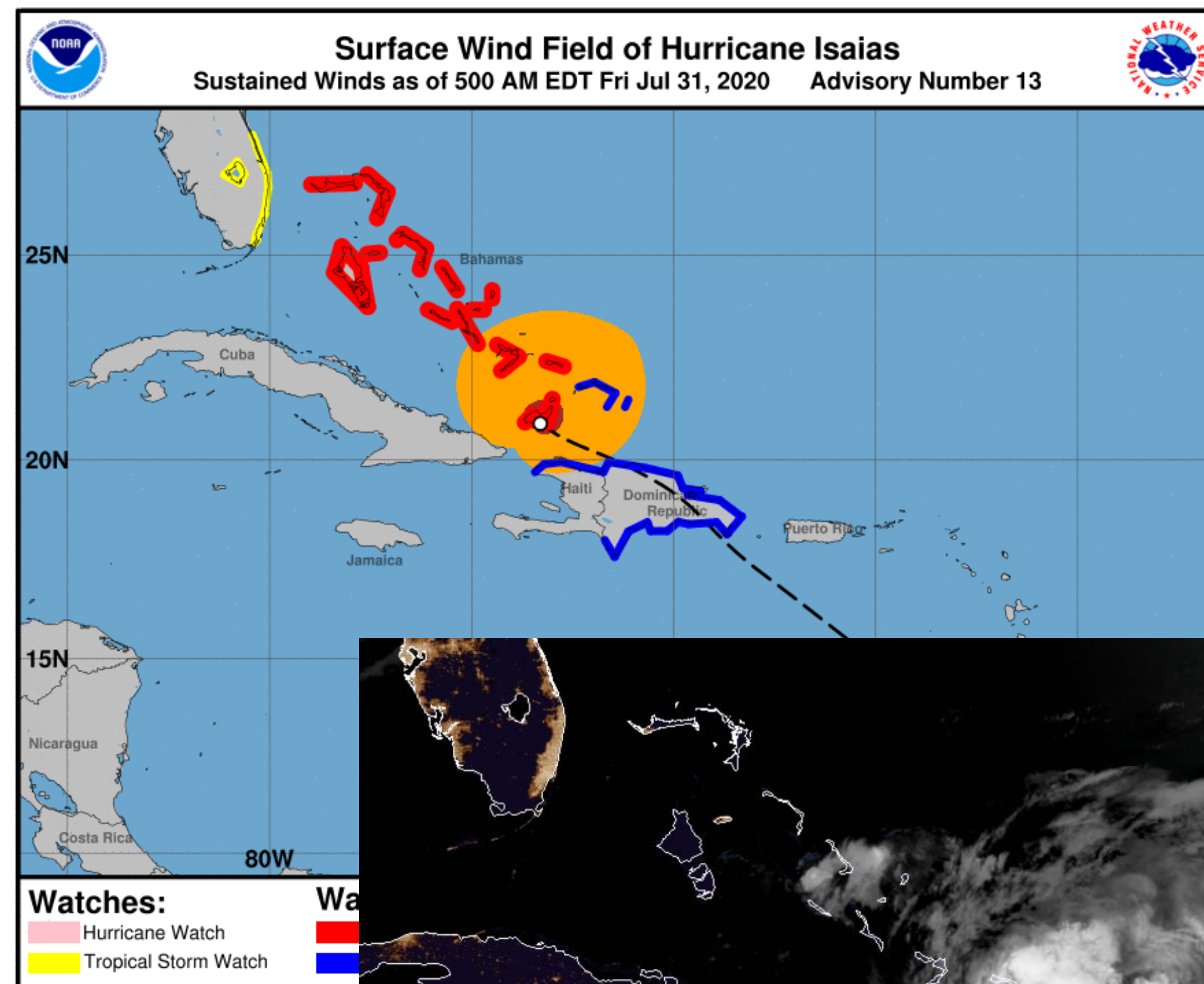
www.nhc.noaa.gov

Situation Overview

Hurricane Isaias



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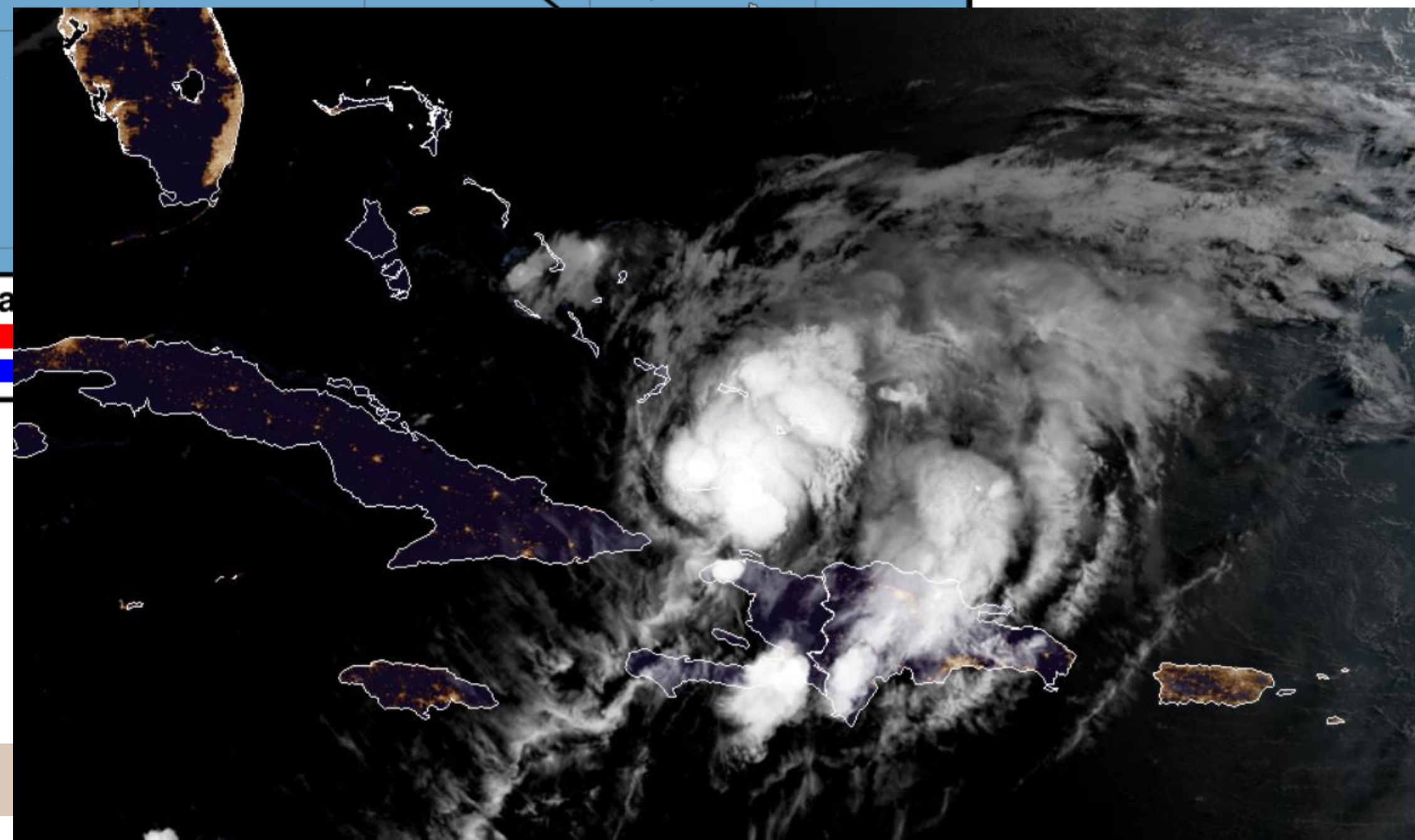
**...HURRICANE CONDITIONS
EXPECTED TODAY OVER PORTIONS
OF THE BAHAMAS...**

SUMMARY OF 500 AM EDT INFORMATION

LOCATION...20.9N 73.3W
ABOUT 15 MI SSW OF GREAT INAGUA IS.
ABOUT 385 MI SE OF NASSAU
MAXIMUM SUSTAINED WINDS...70 KT
PRESENT MOVEMENT...NW 15 KT

SIZE (in nautical miles)

64 KT..... 40NE 20SE 10SW 30NW.
50 KT..... 90NE 40SE 30SW 80NW.
34 KT..... 180NE 90SE 50SW 150NW.
12 FT SEAS..330NE 210SE 90SW 360NW.

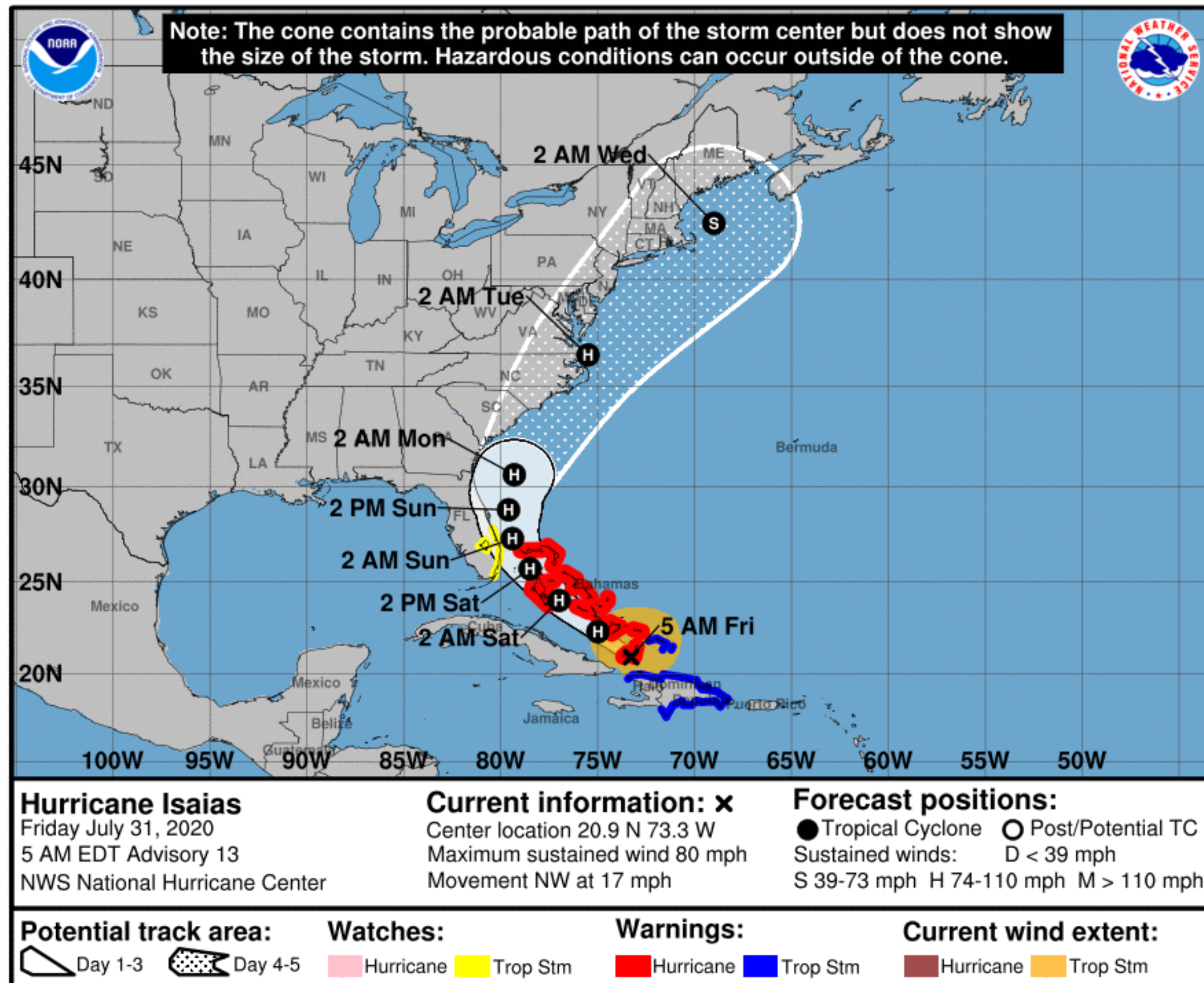


Forecast Information

Hurricane Isaias



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

- Isaias is expected to turn toward the north and slow its forward speed by Sunday, then recurve toward the north-northeast Monday and Tuesday
- The hurricane will track over many of the Bahamian islands and the center will move close to or over the east central Florida coast
- After recurvature, Isaias is a threat to South Carolina and farther north along the U.S. mid-Atlantic and New England coasts
- Isaias should intensify some over the day or so before peaking in winds
- Current center forecast positions through the next 5 days illustrated by dots
- White swath of potential track is average track error added to each side of the forecast track through day 3
- Hatched swath of potential track is average track error added to each side of the forecast track days 4-5

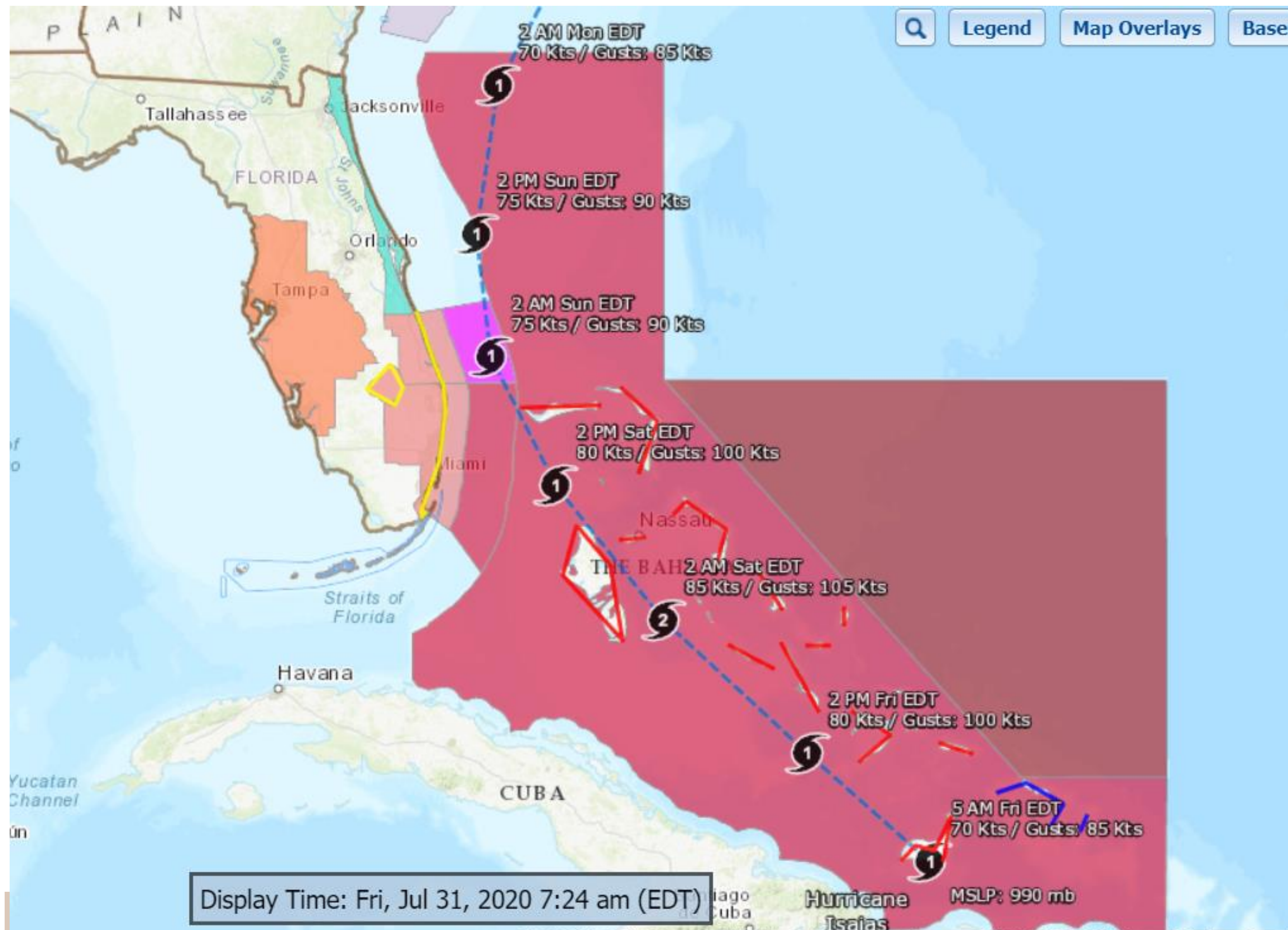
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Hurricane Isaias



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■ <https://nowcoast.noaa.gov/>

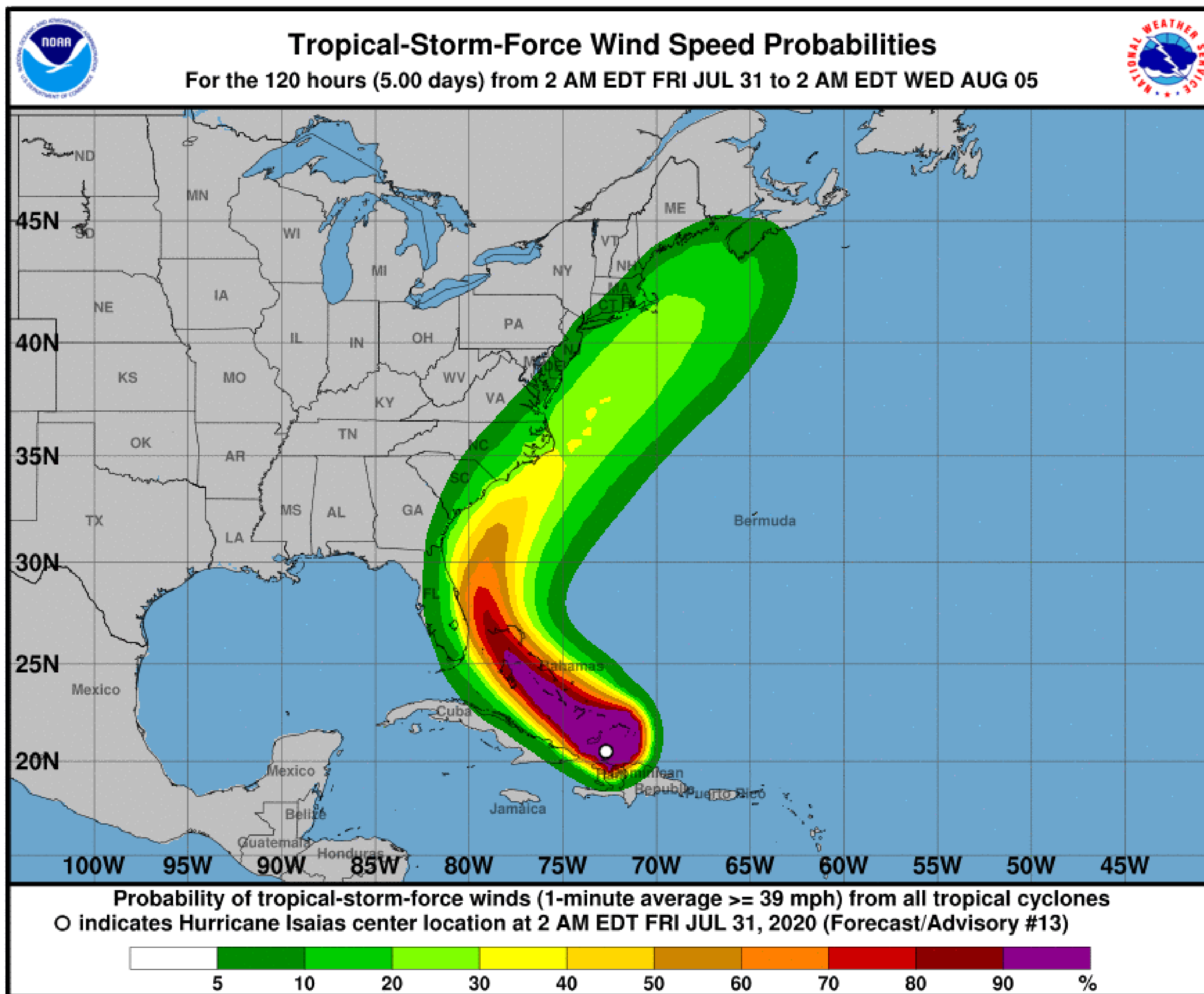
- Hurricane Warning
- Tropical Storm Warning
- Hurricane Watch
- Tropical Storm Watch
- Gale Warning
- Small Craft Advisory
- Heat Advisory

Tropical Storm Wind Probabilities

Hurricane Isaias



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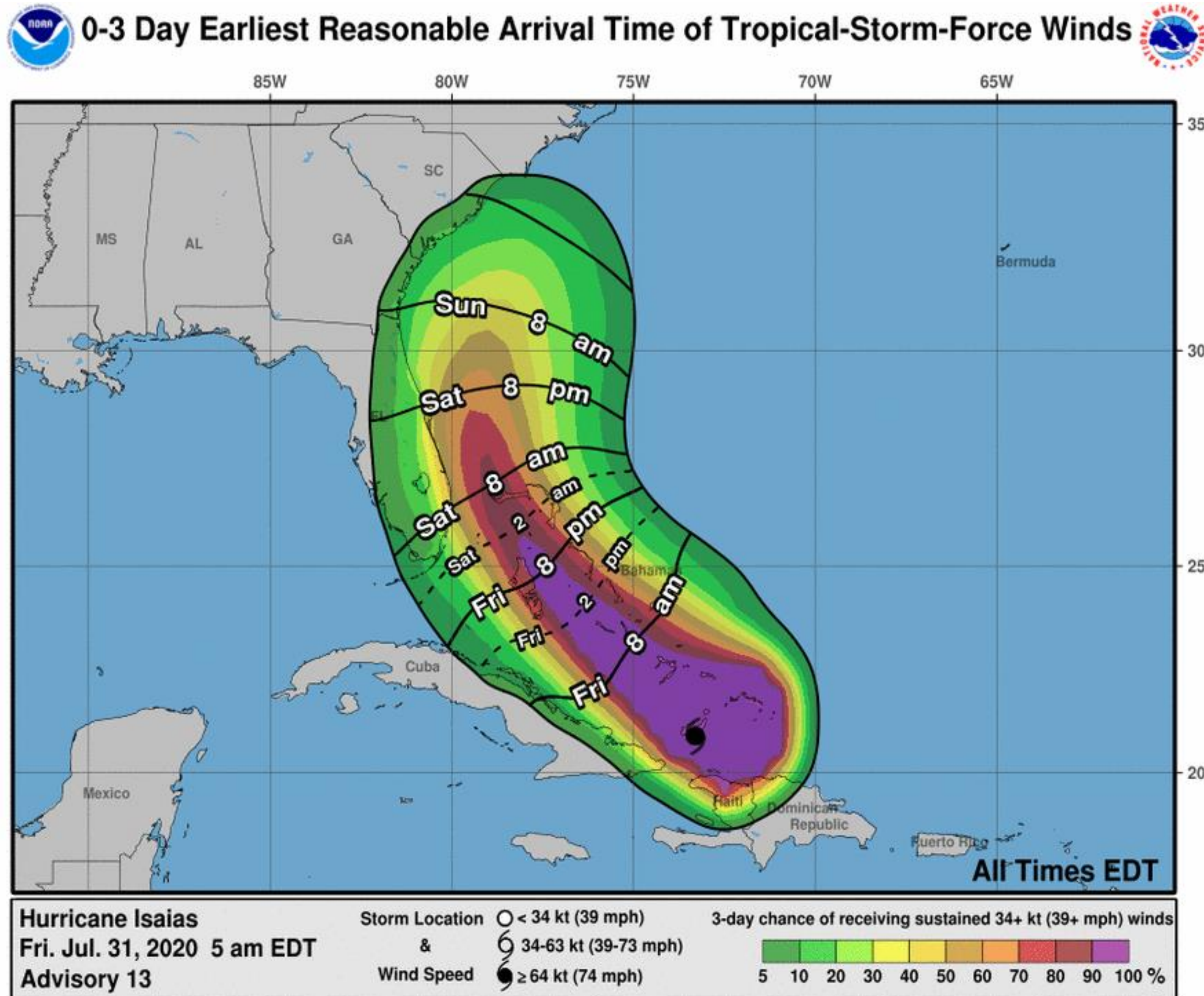
- Miami – 20%, Ft. Lauderdale – 45%
 - Palm Beach – 55%, Cape Canaveral – 50%
 - Jacksonville – 20%, Savannah – 10%
 - Charleston – 25%
-
- The chance of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
 - Clear or dark green are the lowest chances 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.

Earliest Reasonable Time of Arrival

Hurricane Isaias



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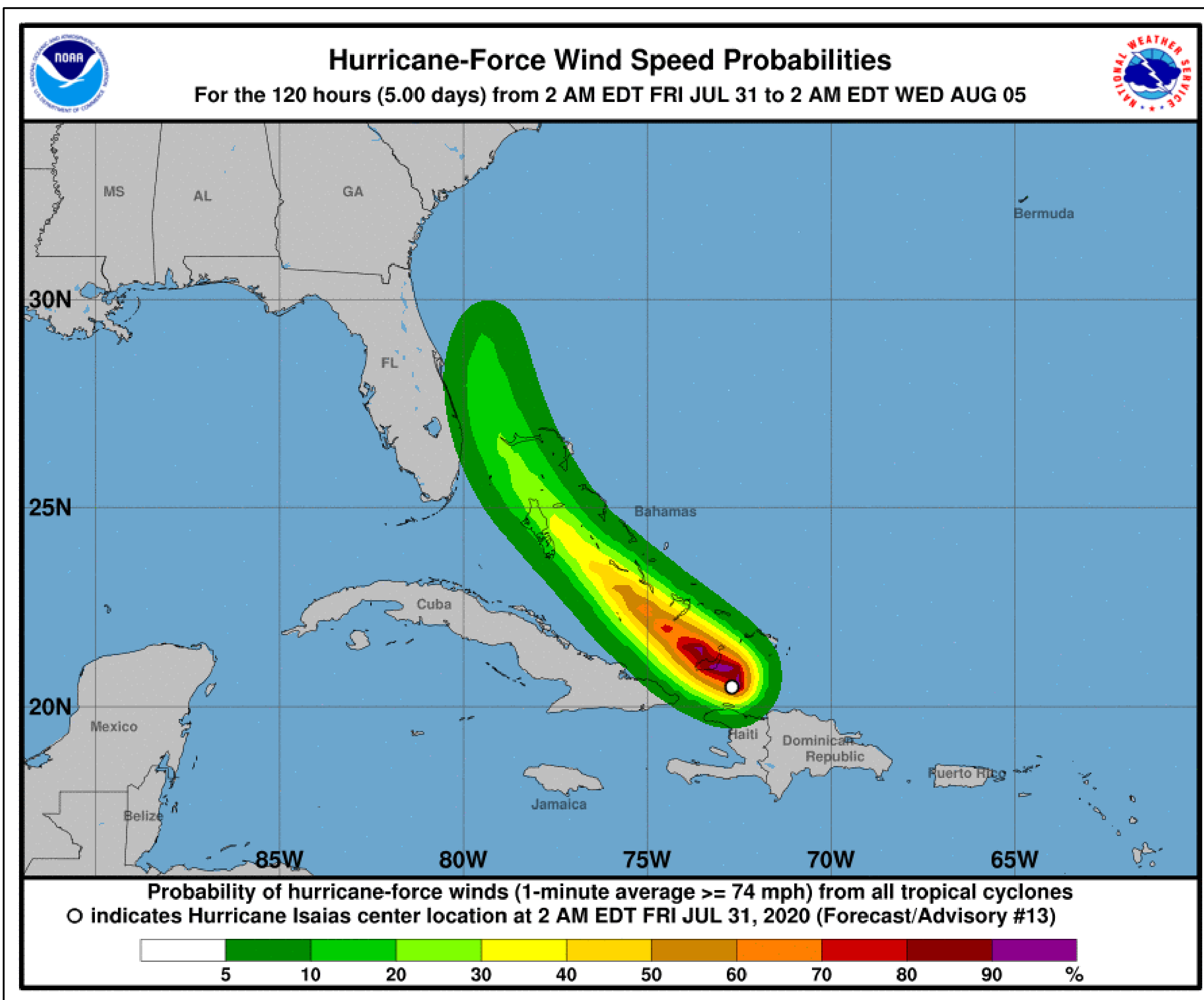
- Miami/Ft. Lauderdale – Saturday morning
- Cape Canaveral – Saturday evening
- Georgia – Sunday morning
- South Carolina – Sunday night
- The earliest reasonable time of arrival of Tropical Storm Force Winds (34kt to 63 kt) for this cyclone based off the current track and wind radii.
- Clear or dark 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.

Hurricane Wind Speed Probabilities

Hurricane Isaias



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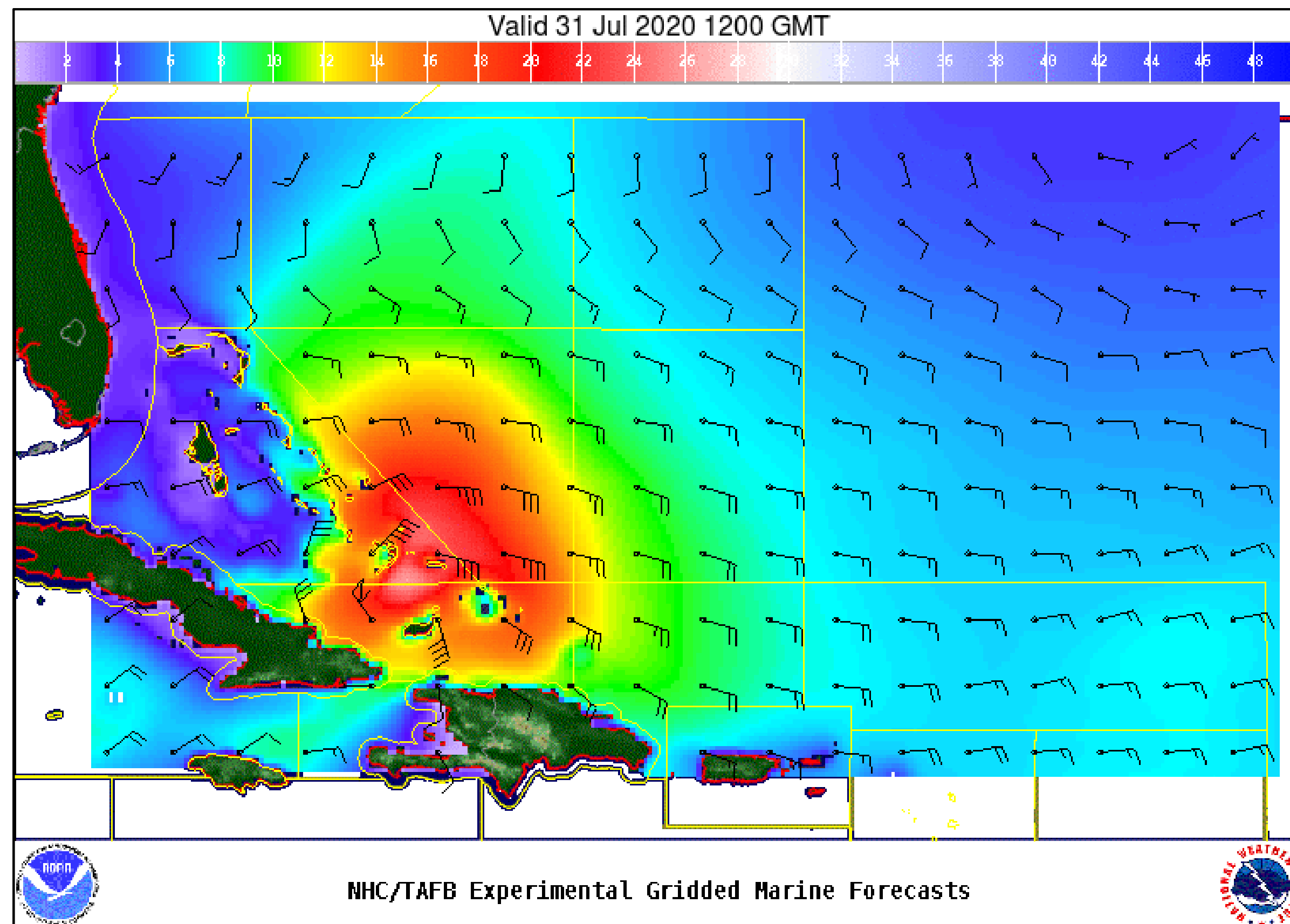
- 5% - Palm Beach
- 5% - Fort Pierce
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.
- Clear or dark green are the lowest chances of 0-30%.
- Yellow to orange is 31-70%
- Red through purple are the highest probabilities of 71%-100%
- See the color bar below the image for more details.

Wind And Waves

Hurricane Isaias

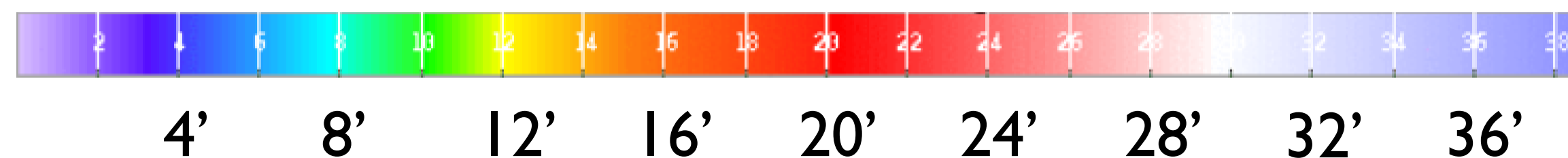


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Current Conditions
8am EDT, Friday, July 31st, 2020
Peak Winds: 70 kt
Peak Seas: 25 ft

- Wave heights are in feet

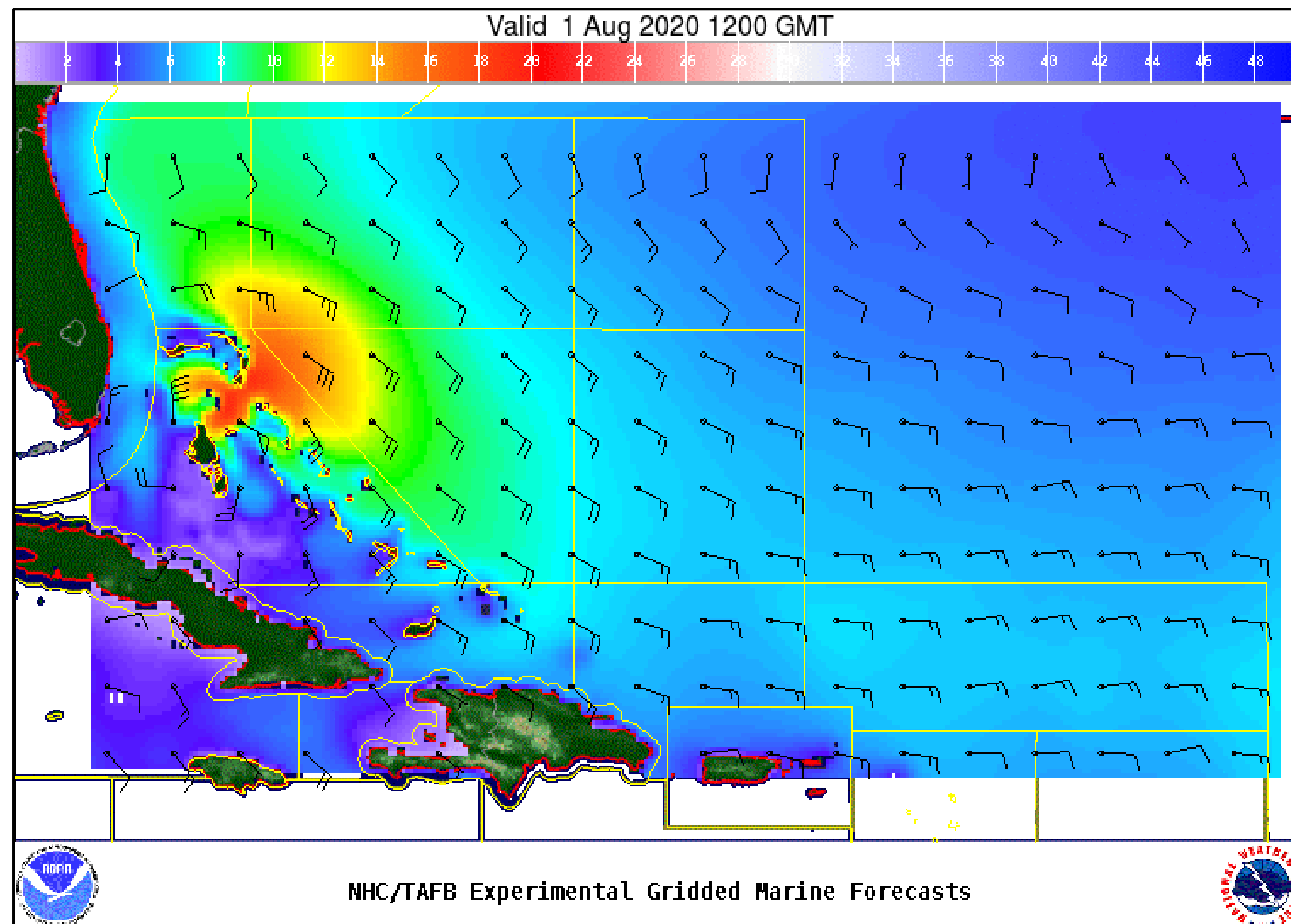


Wind And Waves

Hurricane Isaias



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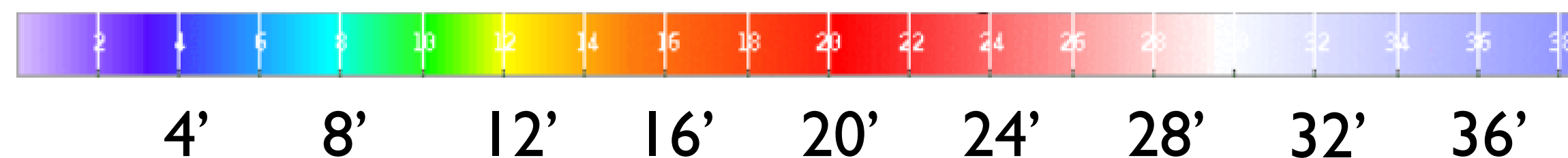
24 Hour Forecast

8am EDT, Saturday, August 1st

Peak Winds: 85 kt

Peak Seas: 20 ft (do to shoaling)

- Wave heights are in feet

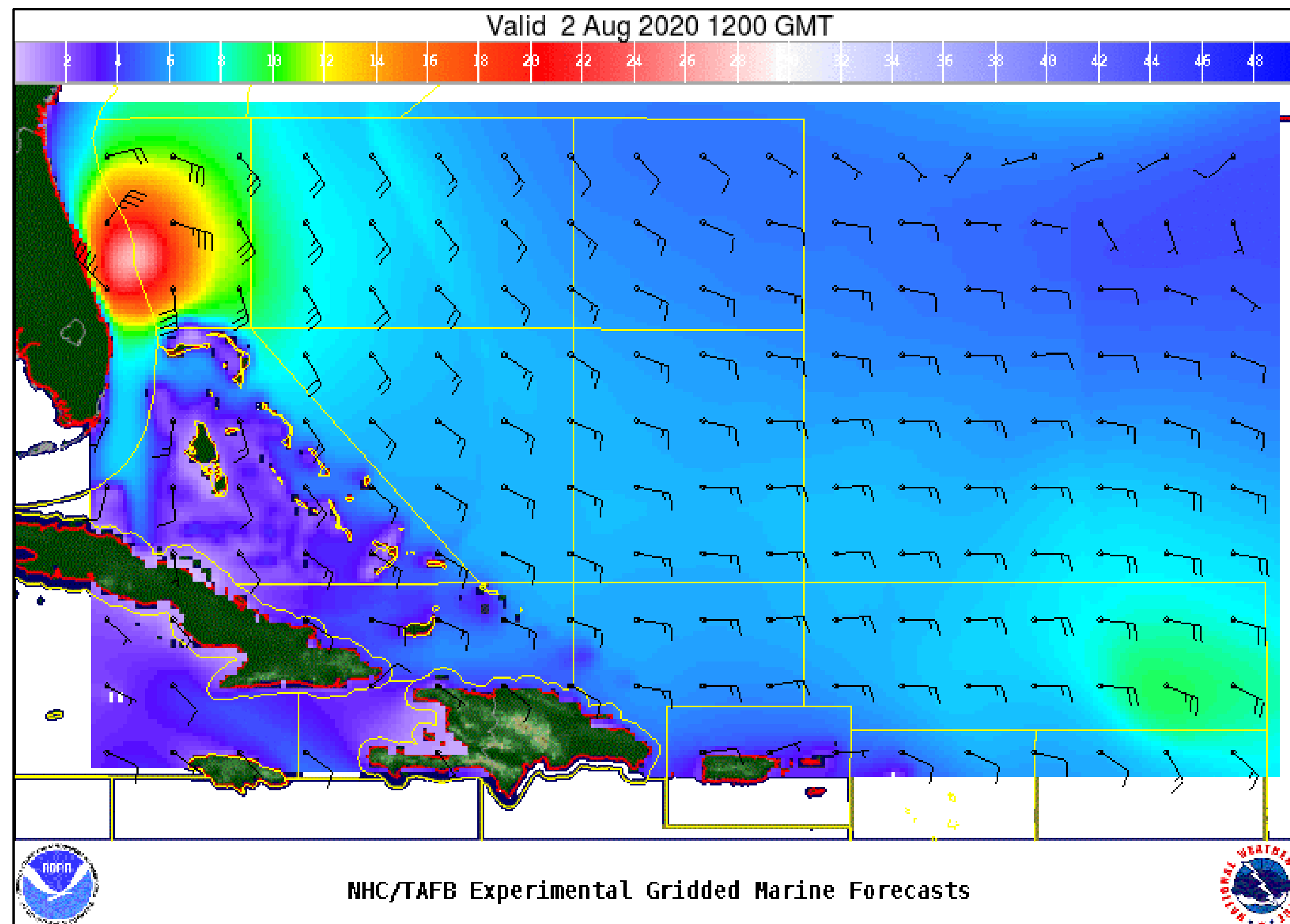


Wind And Waves

Hurricane Isaias



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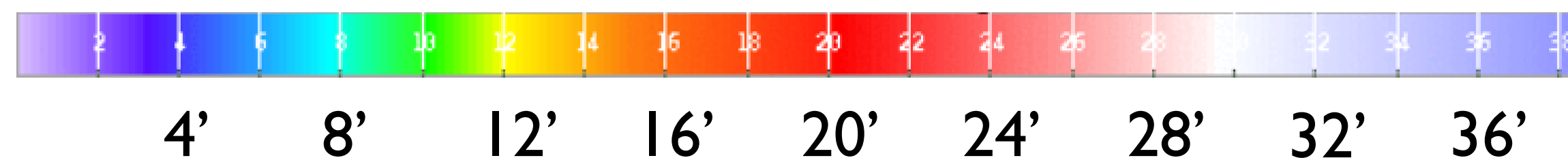


48 Hour Forecast 8am EDT, Sunday, August 2nd, 2020

Peak Winds: 75 kt

Peak Seas: 25 ft

- Wave heights are in feet

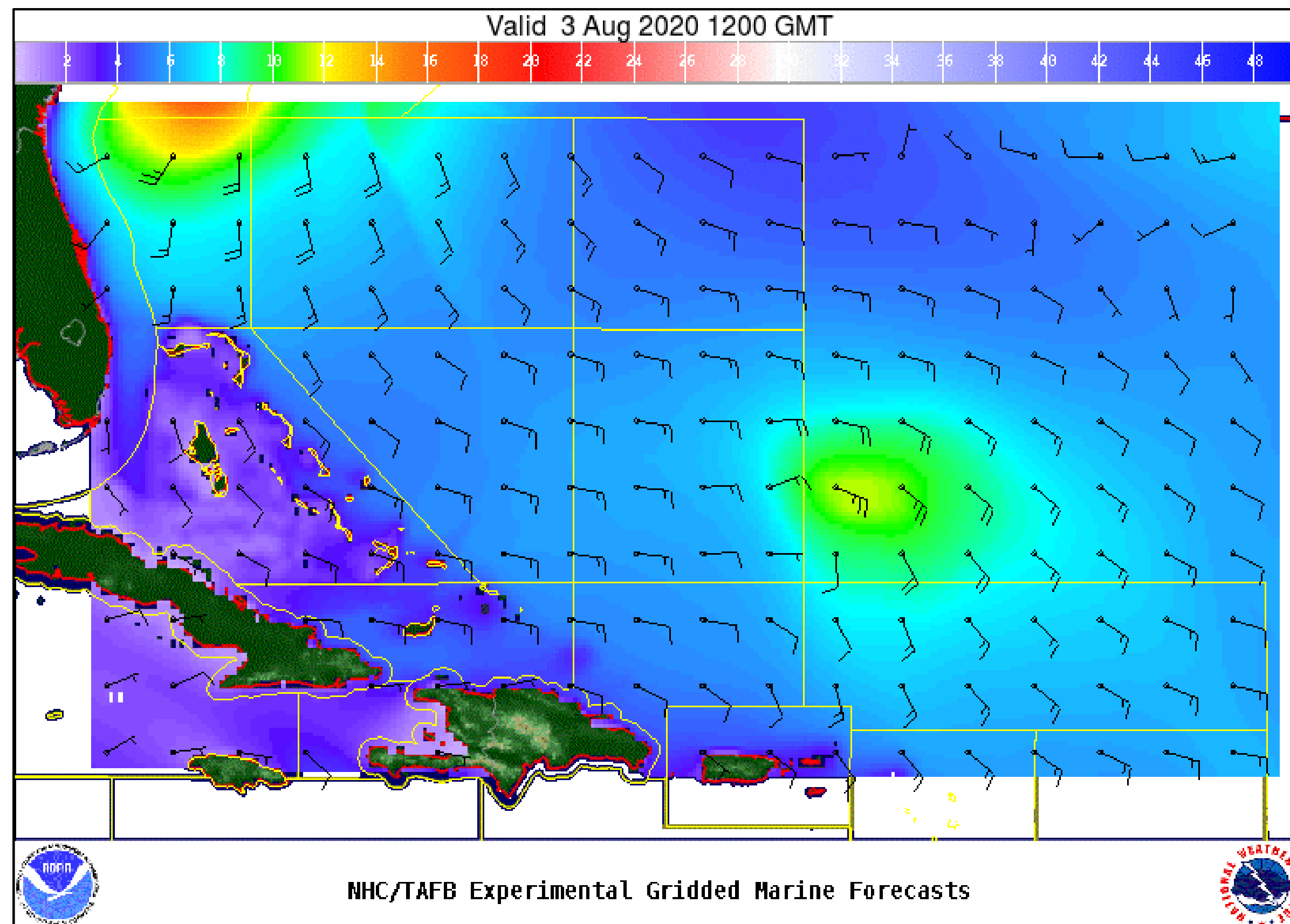


Wind And Waves

Hurricane Isaias

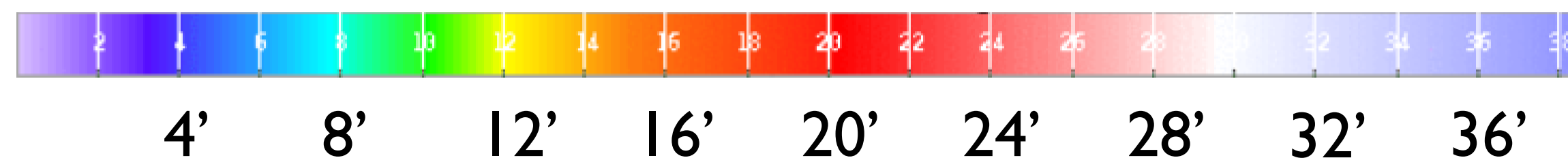


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72 Hour Forecast
8am EDT, August 3rd, 2020
Peak Winds: 70 kt
Peak Seas: 25 ft

- Wave heights are in feet

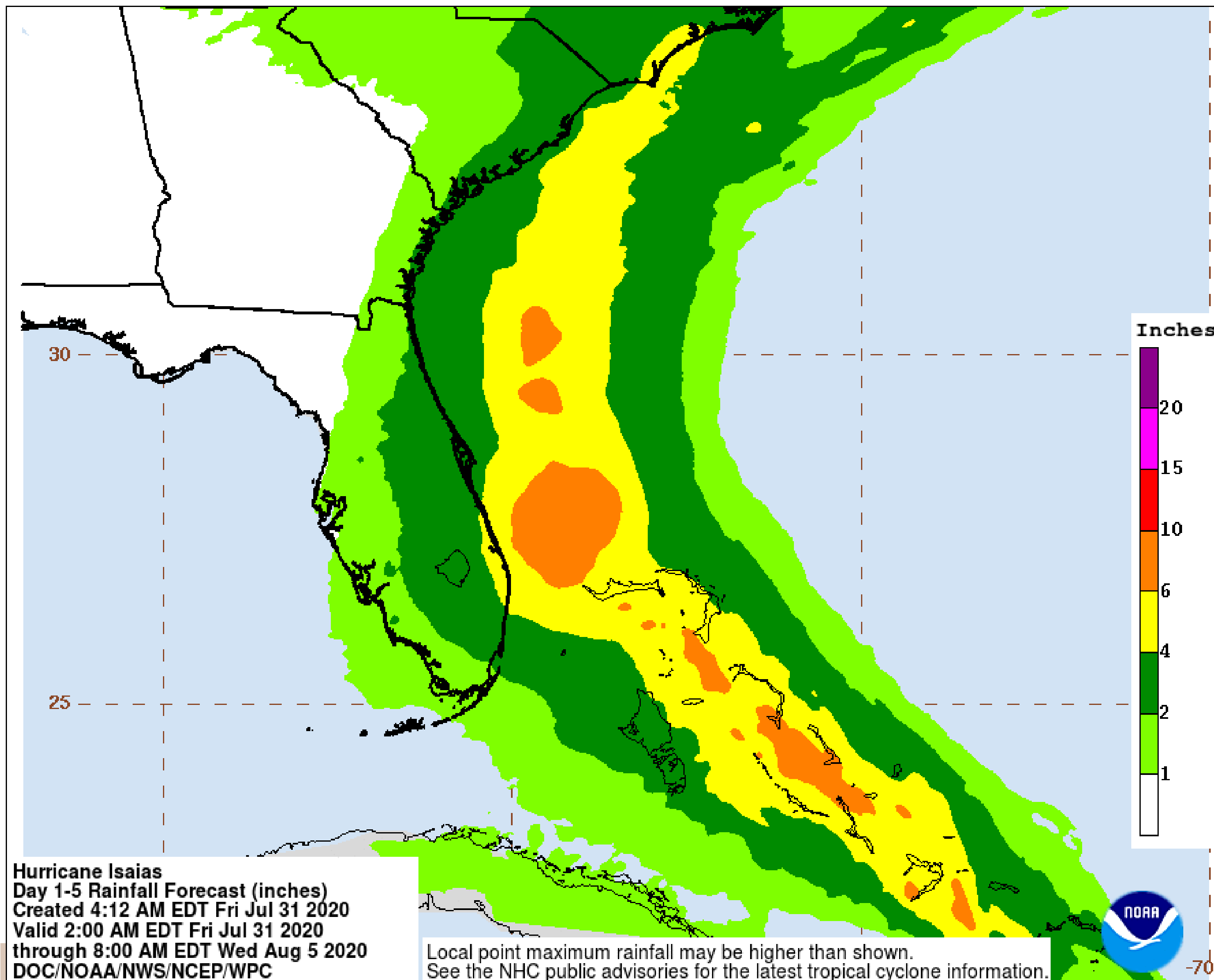


Expected Storm Total Rainfall

Hurricane Isaias



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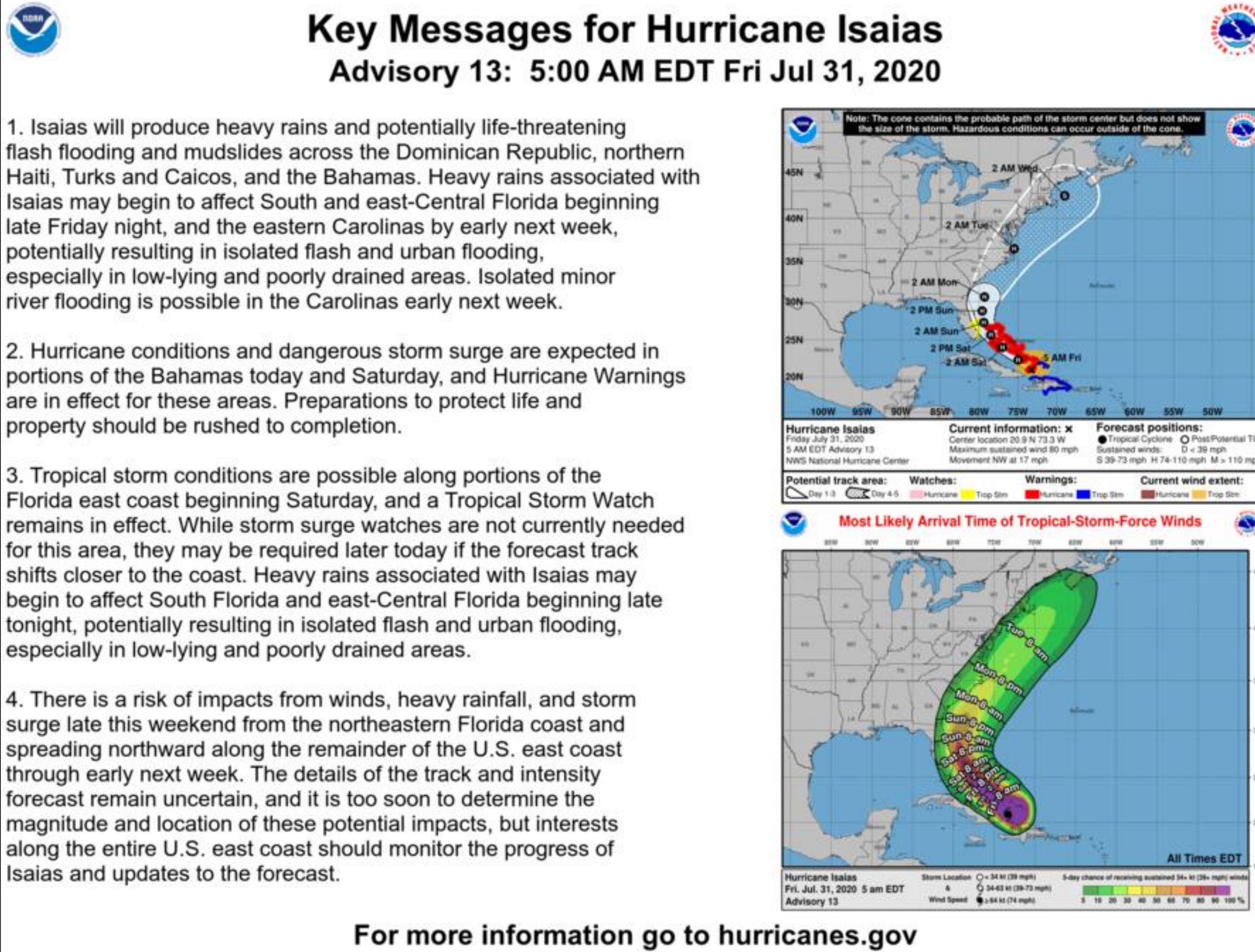
- Total rainfall in inches through Wednesday morning.

Key Messages

Hurricane Isaias



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- **Marine Key Messages:**
- Seas currently peaking near 25 ft north of the southeastern Bahamas
- Seas expected to remain near 25 ft as Isaias makes its closest approach to Florida



HURRICANE ISAIAS BRIEFING

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

*The Next Briefing Will Be:
Saturday 8:15 AM EDT*

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



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