

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

Winds – **MODERATE**

Storm Surge – **LOW**

Rainfall/Flash Flooding – **HIGH**

Tornadoes – **LOW**

Waves - **MODERATE**

TROPICAL STORM ISAIAS BRIEFING



8:15 AM EDT
Thursday, July 30th, 2020

Prepared by:

Jeff Lewitsky

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

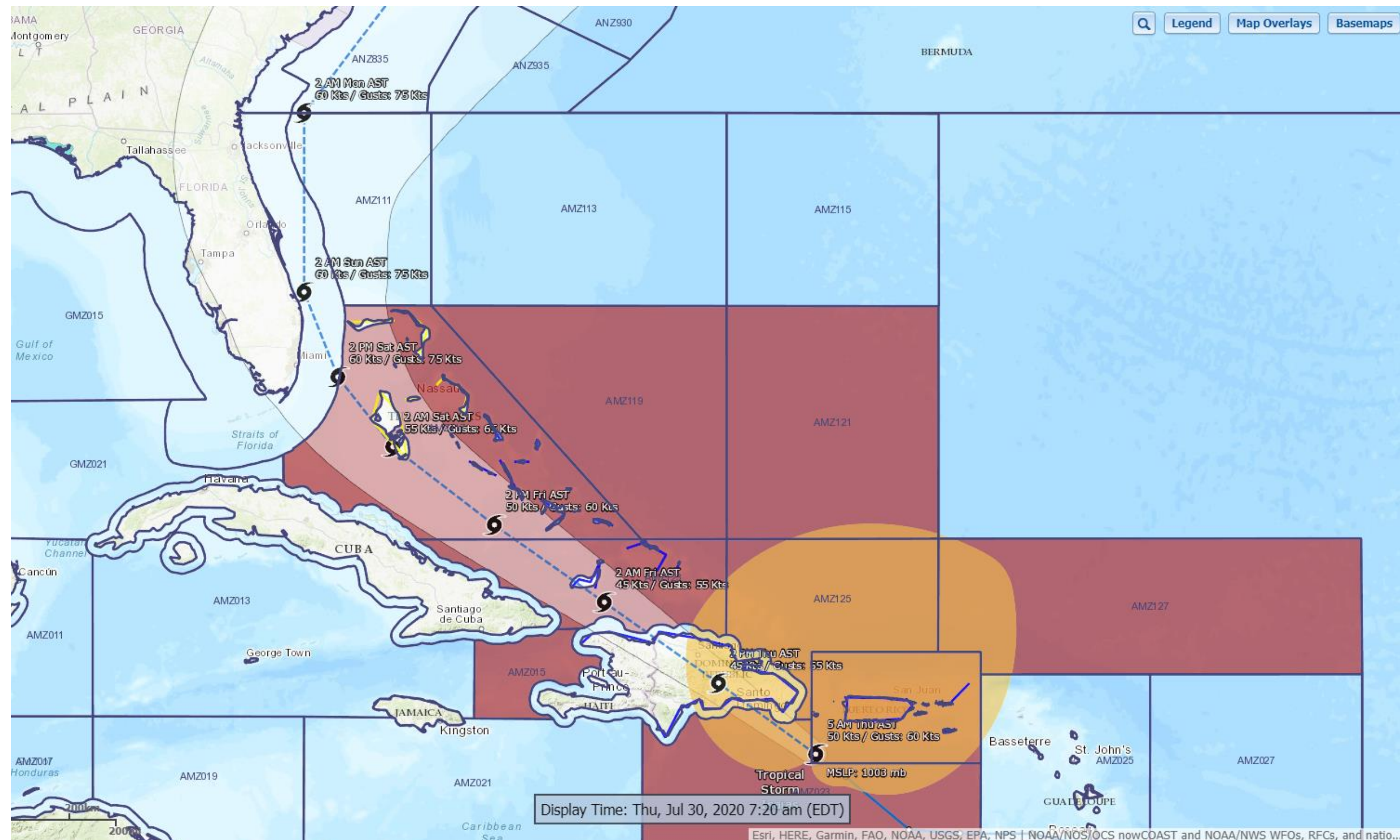
www.nhc.noaa.gov

Hazards Map

Tropical Storm Isaias



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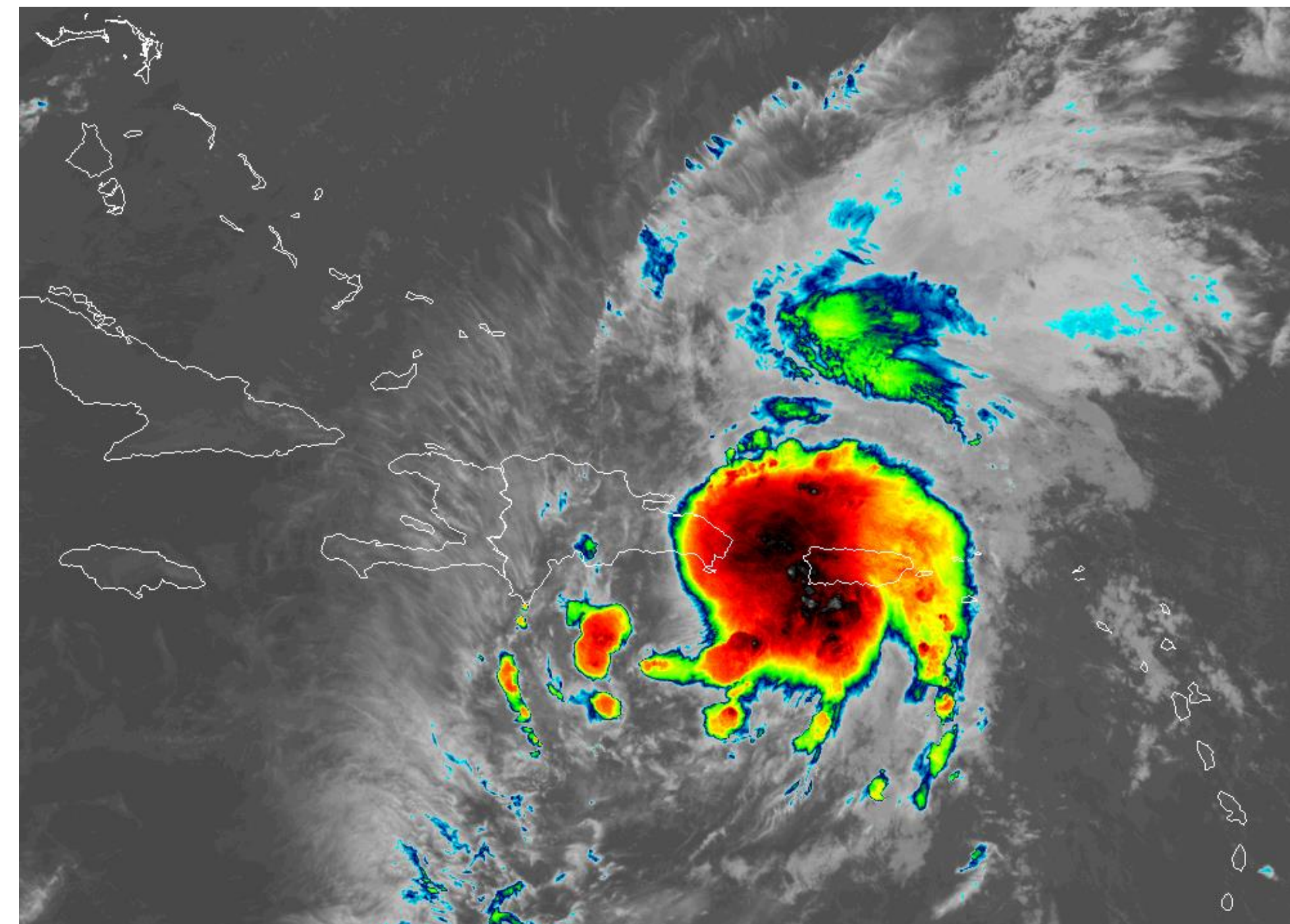
 Tropical Storm Warning

Tropical Storm Warning in effect for...

- Puerto Rico, Vieques, Culebra and the U.S. Virgin Islands
- British Virgin Islands, Dominican Republic, N Haiti
- Turks and Caicos, Southeastern and Central Bahamas

Tropical Storm Watch in effect for...

- Northwestern Bahamas

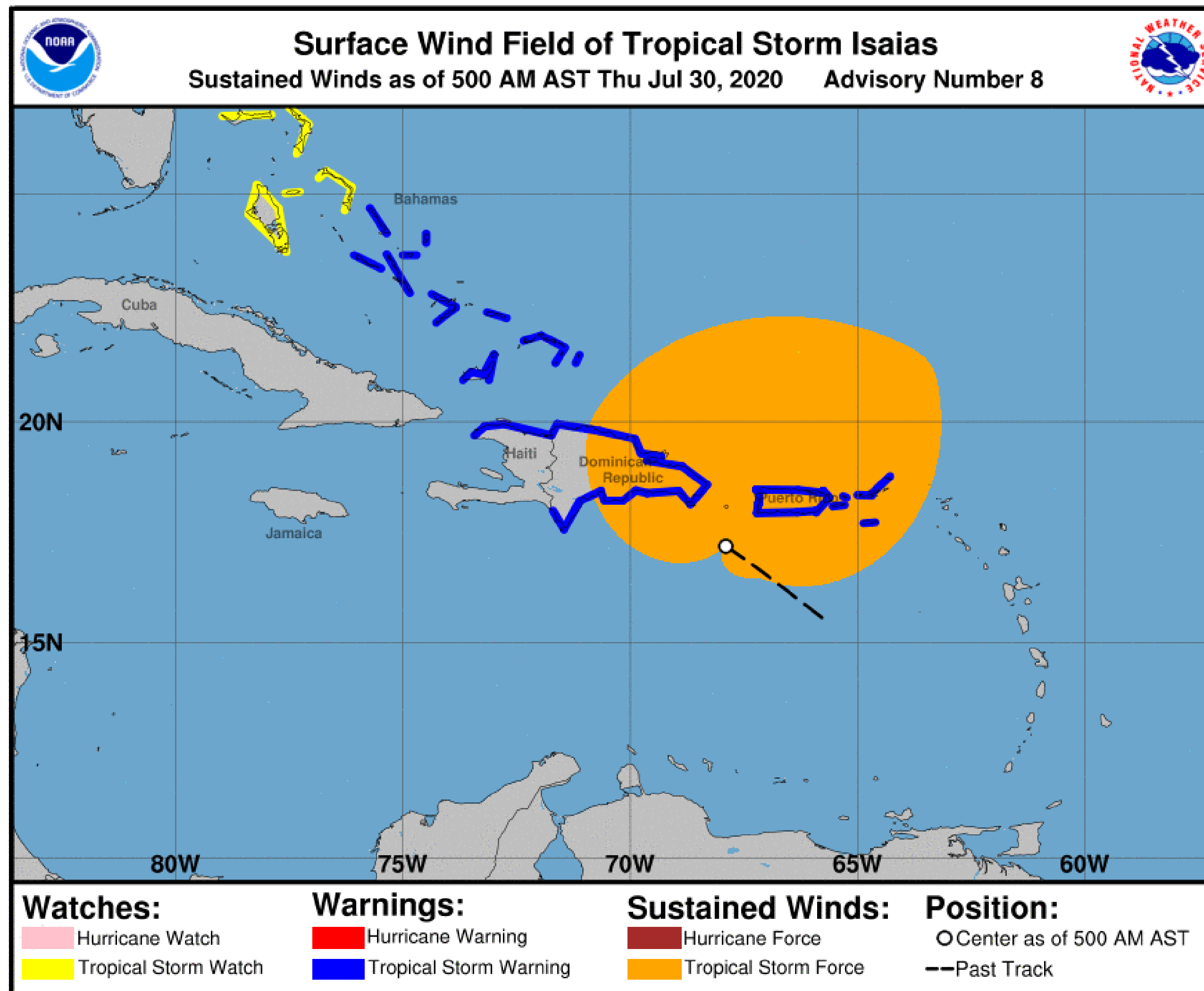


Situation Overview

Tropical Storm Isaias



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**...ISAIAS CAUSING HEAVY RAINS
AND HIGH WINDS OVER PUERTO
RICO...**

500 AM EDT...0900 UTC Advisory

Location...17.2N 67.9W

About 100 nm...WSW of Ponce, Puerto Rico

Maximum Sustained Winds...50 kt

Movement...NW at 18 KT

SIZE (in nautical miles):

34 KT.....360 NE 60 SE 0 SW 240 NW

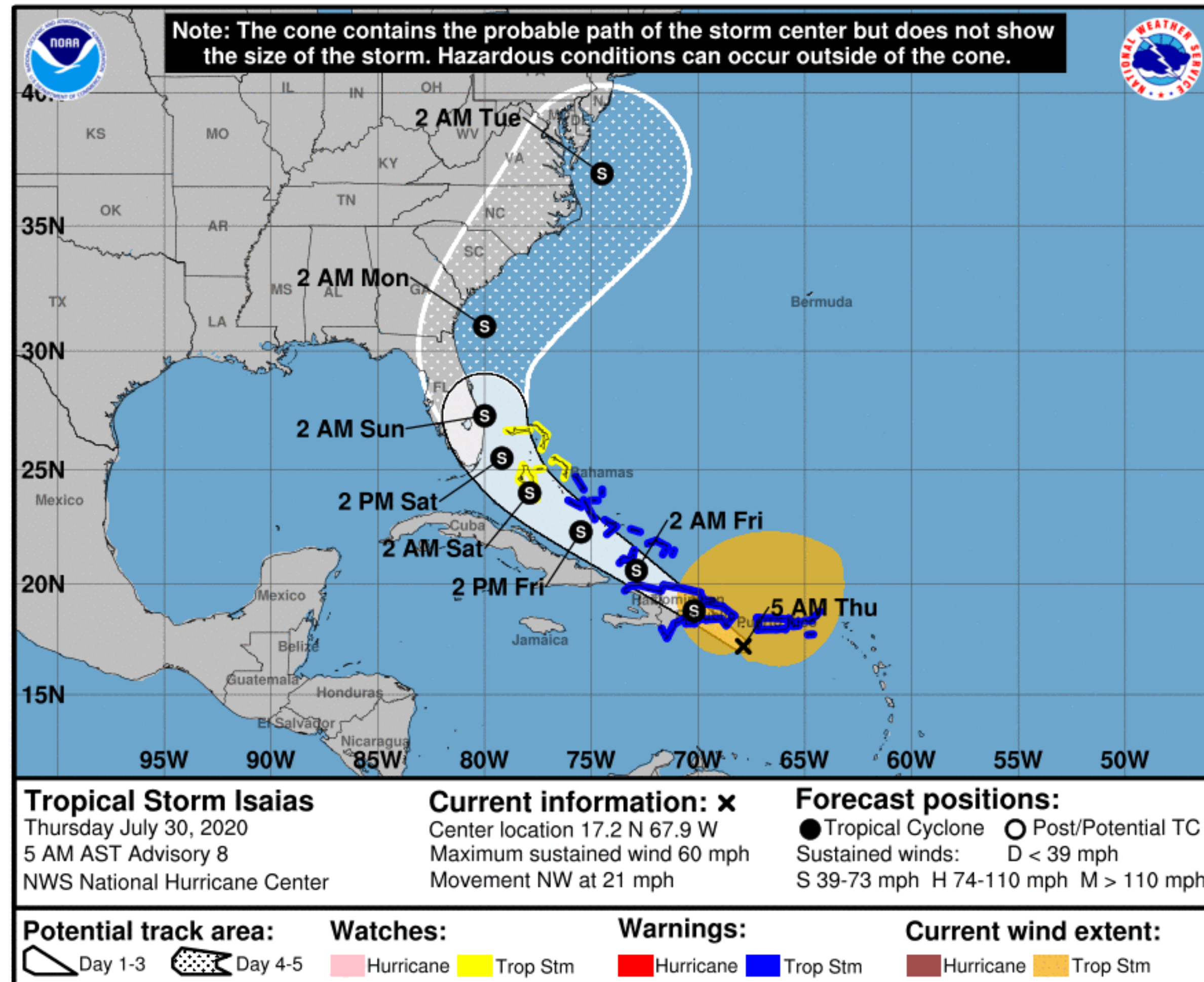
12 FT.....420 NE 0 SE 0 SW 300 NW

Forecast Information

Tropical Storm 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 will move near away from Puerto Rico and the U.S. Virgin Islands later today, moving over Hispaniola through tonight, near the Southeastern Bahamas by early Fri.
- Little change in strength through landfall, then strengthening Fri and Sat.
- Uncertainty after landfall with intensity and center possibly reforming.

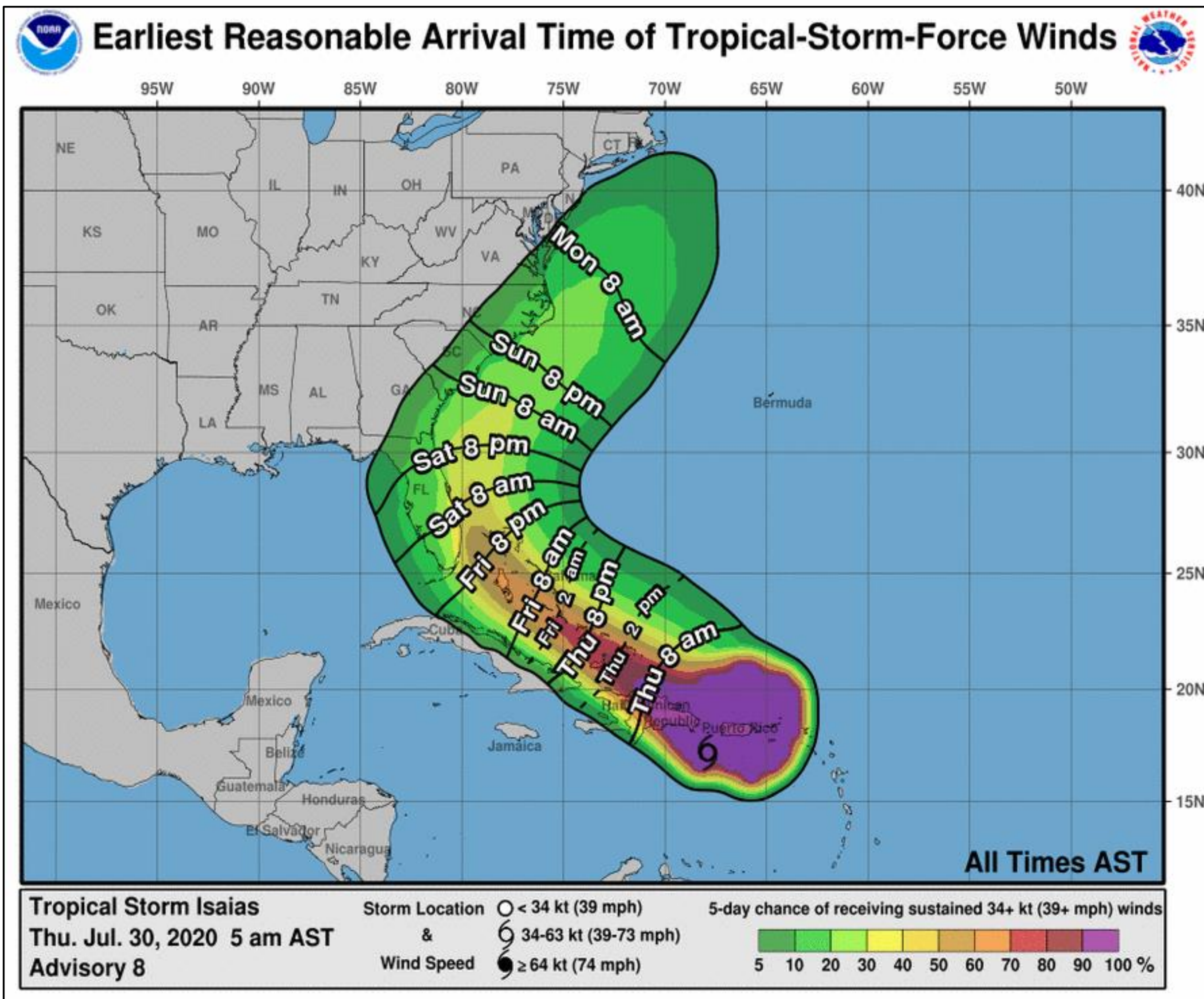
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Earliest Reasonable Time of Arrival

Tropical Storm Isaias



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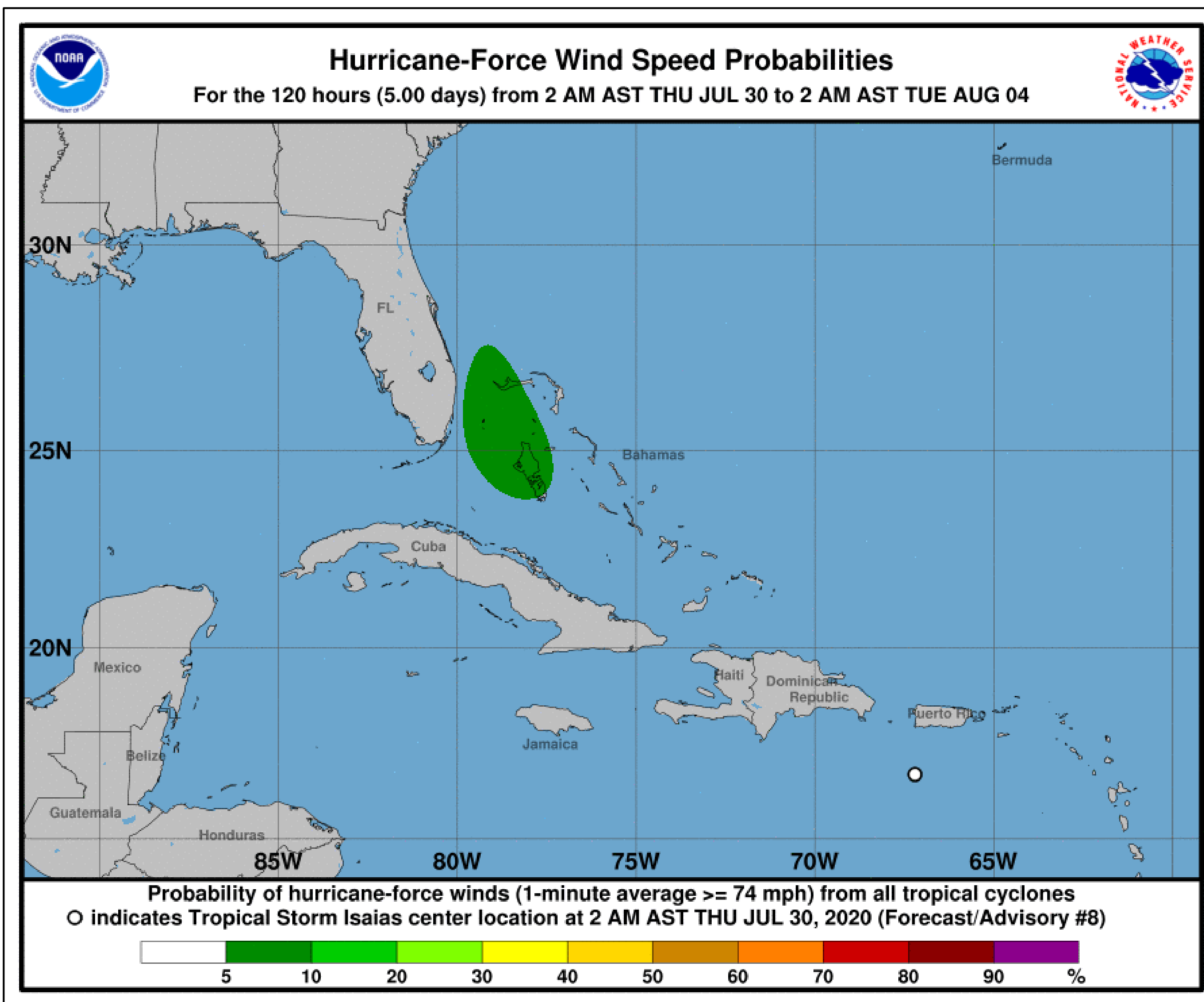
- Tropical Storm force winds across Puerto Rico and the U.S. Virgin Islands spreading WNW.
- Tropical Storm force winds Southeastern Bahamas and Turks and Caicos this afternoon, Central Bahamas Fri morning, Northwestern Bahamas late Fri.
- Florida Peninsula Fri night through Sat.
- Probabilities of sustained Tropical Storm force winds (34 kt to 63 kt) over the next 5 days, based on the wind radii and track.

Hurricane Wind Speed Probabilities

Tropical Storm Isaias



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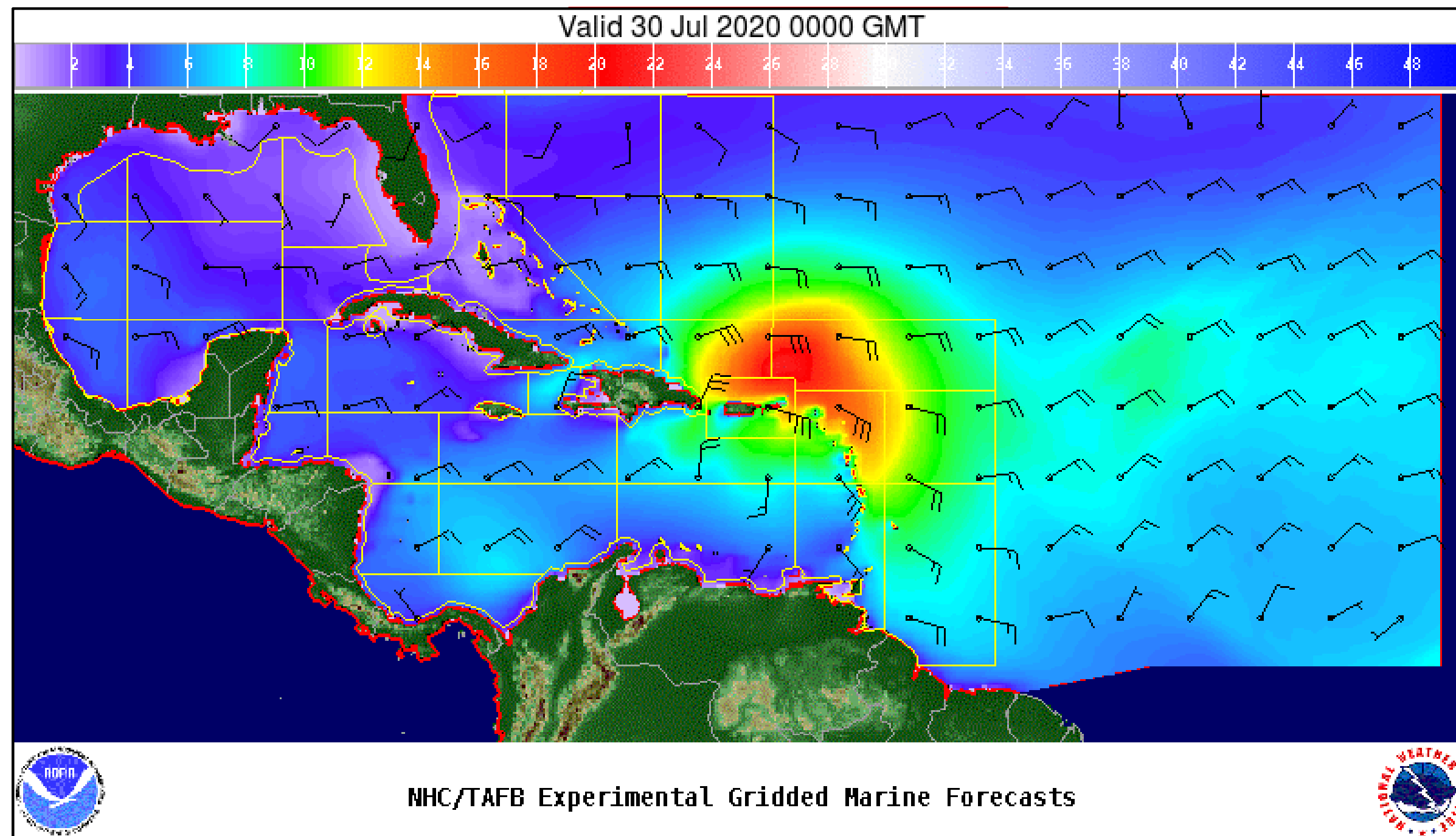
- **Chance of becoming a hurricane.**
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.
- See the color bar below the image for more details.

Wind And Waves

Tropical Storm Isaias



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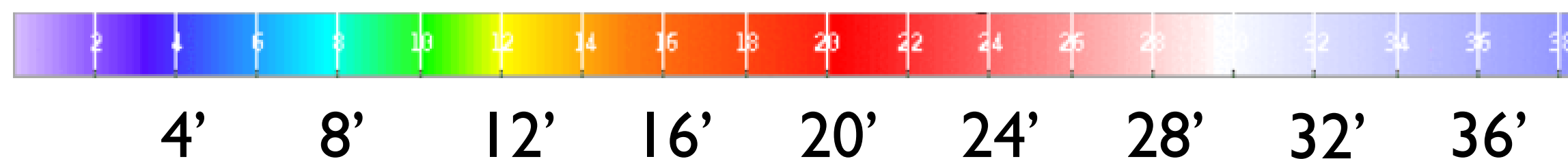
Current Conditions

8am Thursday, July 30th, 2020

Peak Winds: 50 kt

Peak Seas: 20-24 ft

- Wave heights are in feet

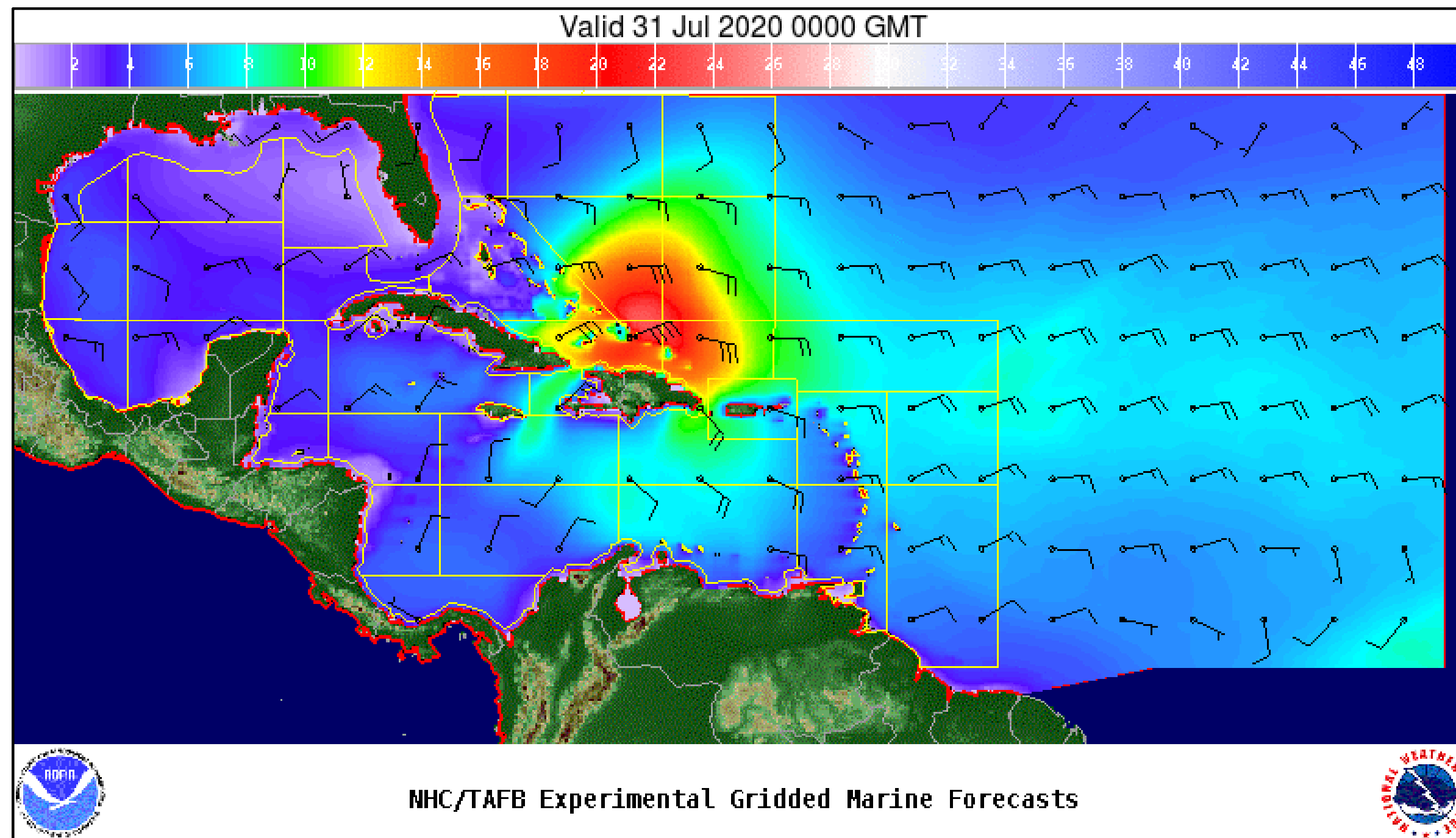


Wind And Waves

Tropical Storm Isaias



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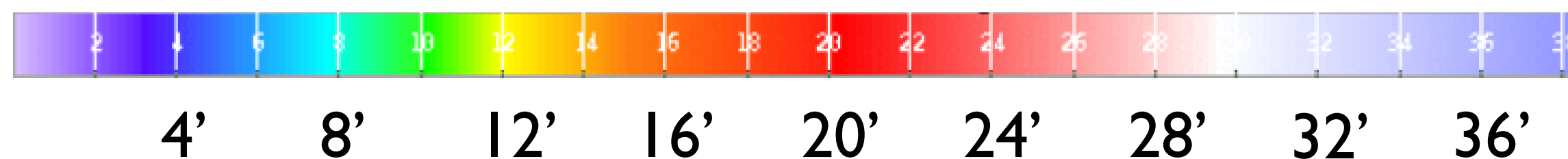
24 Hour Forecast

8am Friday, July 31st, 2020

Peak Winds: 45 kt

Peak Seas: 21-25 ft

- Wave heights are in feet

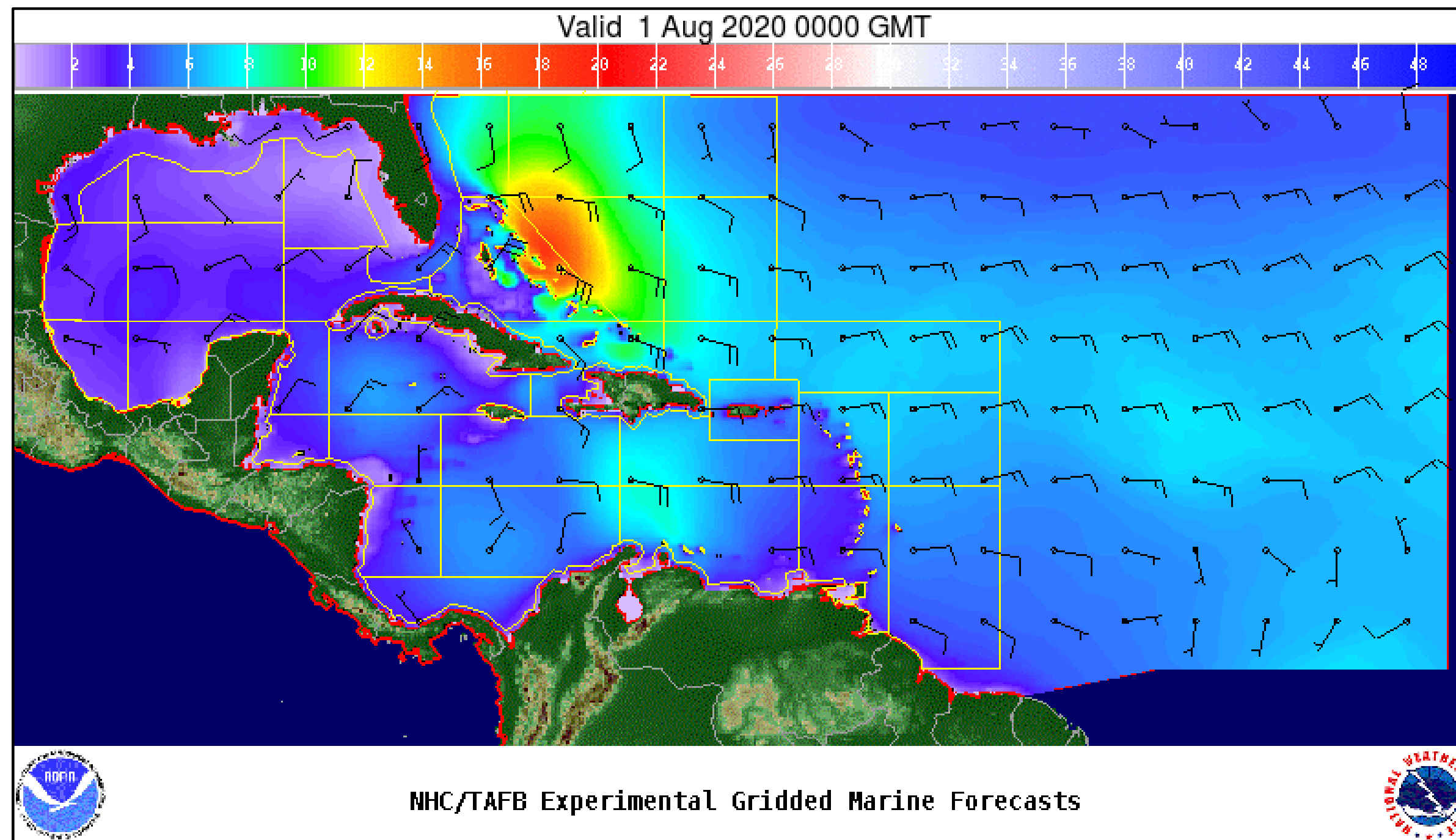


Wind And Waves

Tropical Storm Isaias



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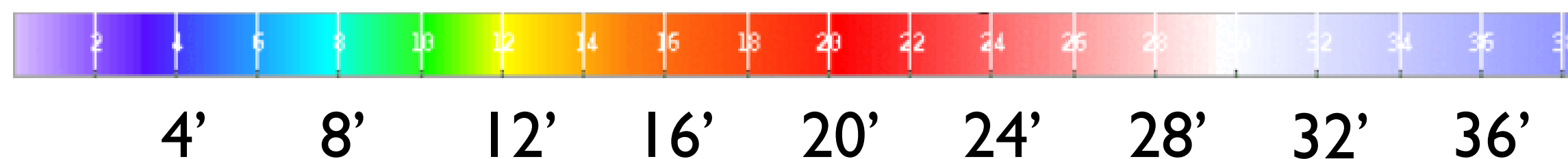
48 Hour Forecast

8am Saturday, August 1st, 2020

Peak Winds: 55 kt

Peak Seas: 19-21 ft

- Wave heights are in feet

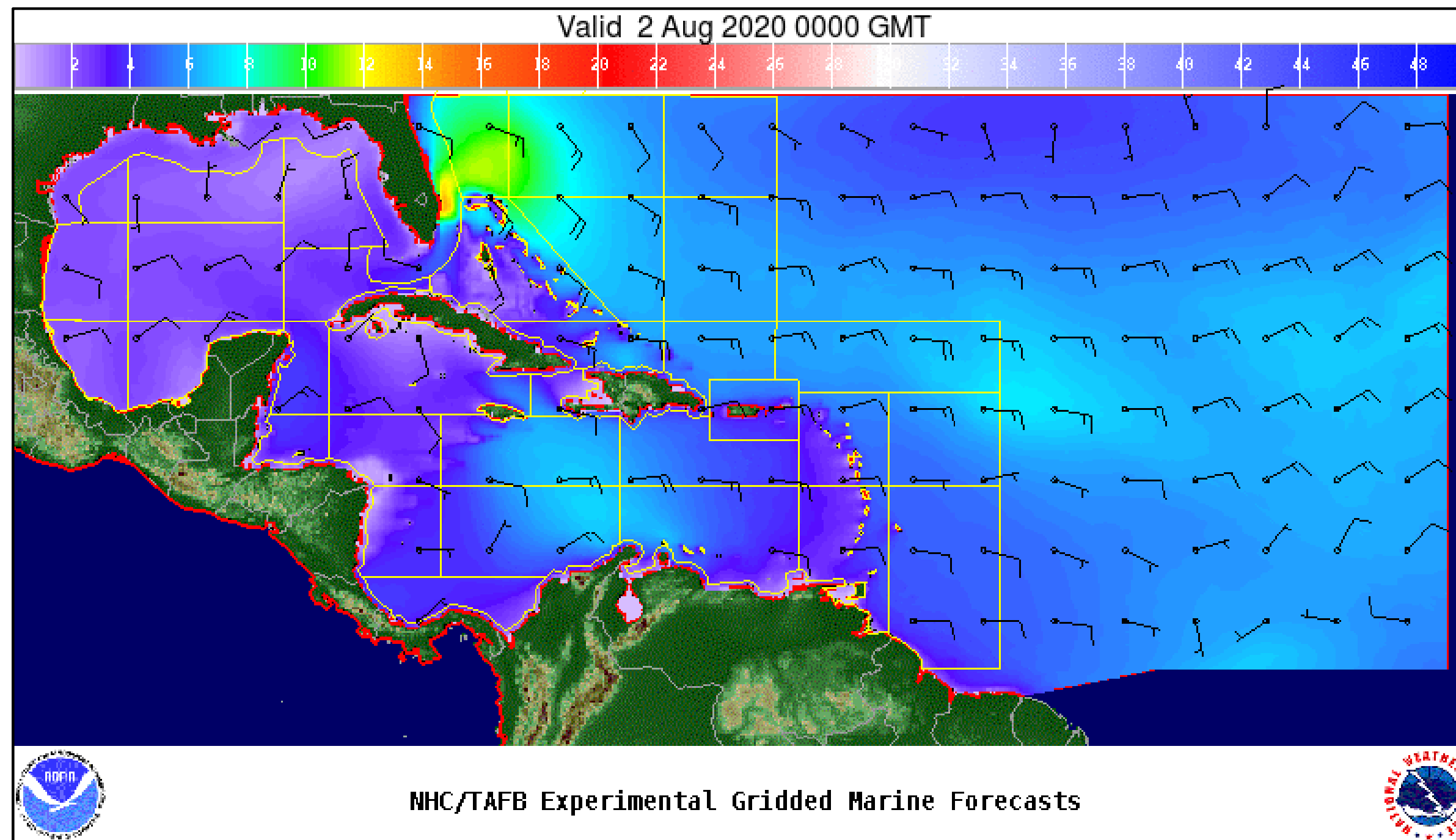


Wind And Waves

Tropical Storm Isaias



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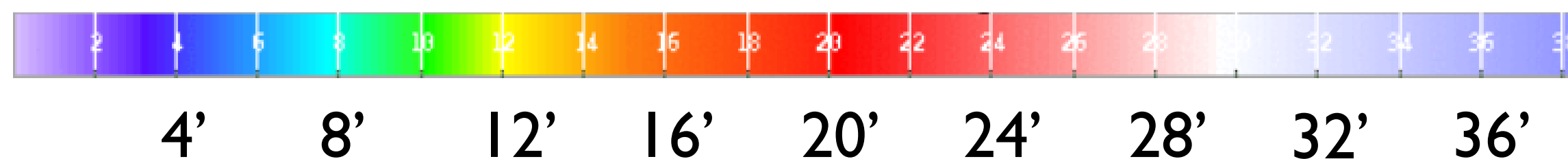
72 Hour Forecast

8am Saturday, August 2nd, 2020

Peak Winds: 60 kt

Peak Seas: 14-16 ft

- Wave heights are in feet

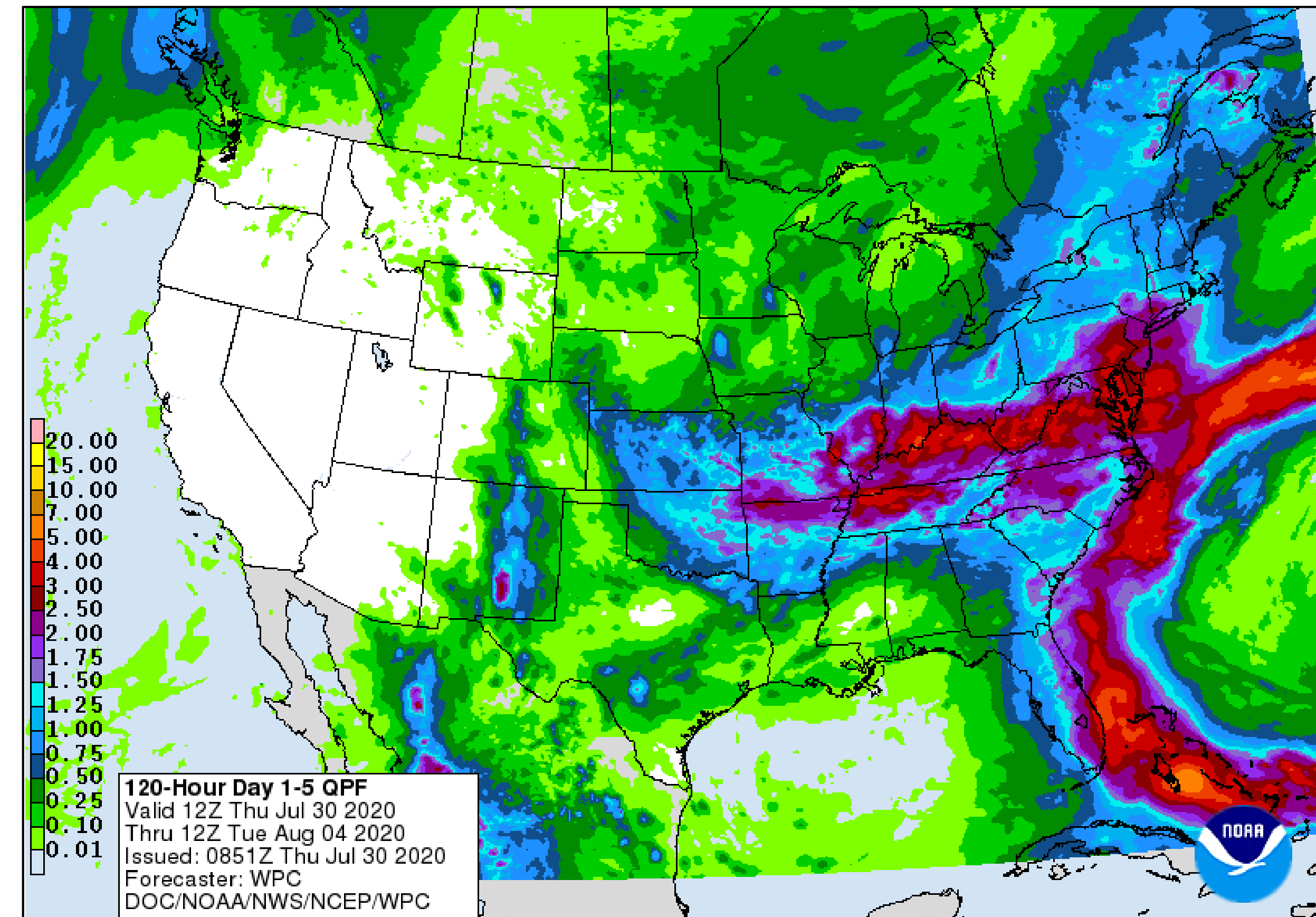
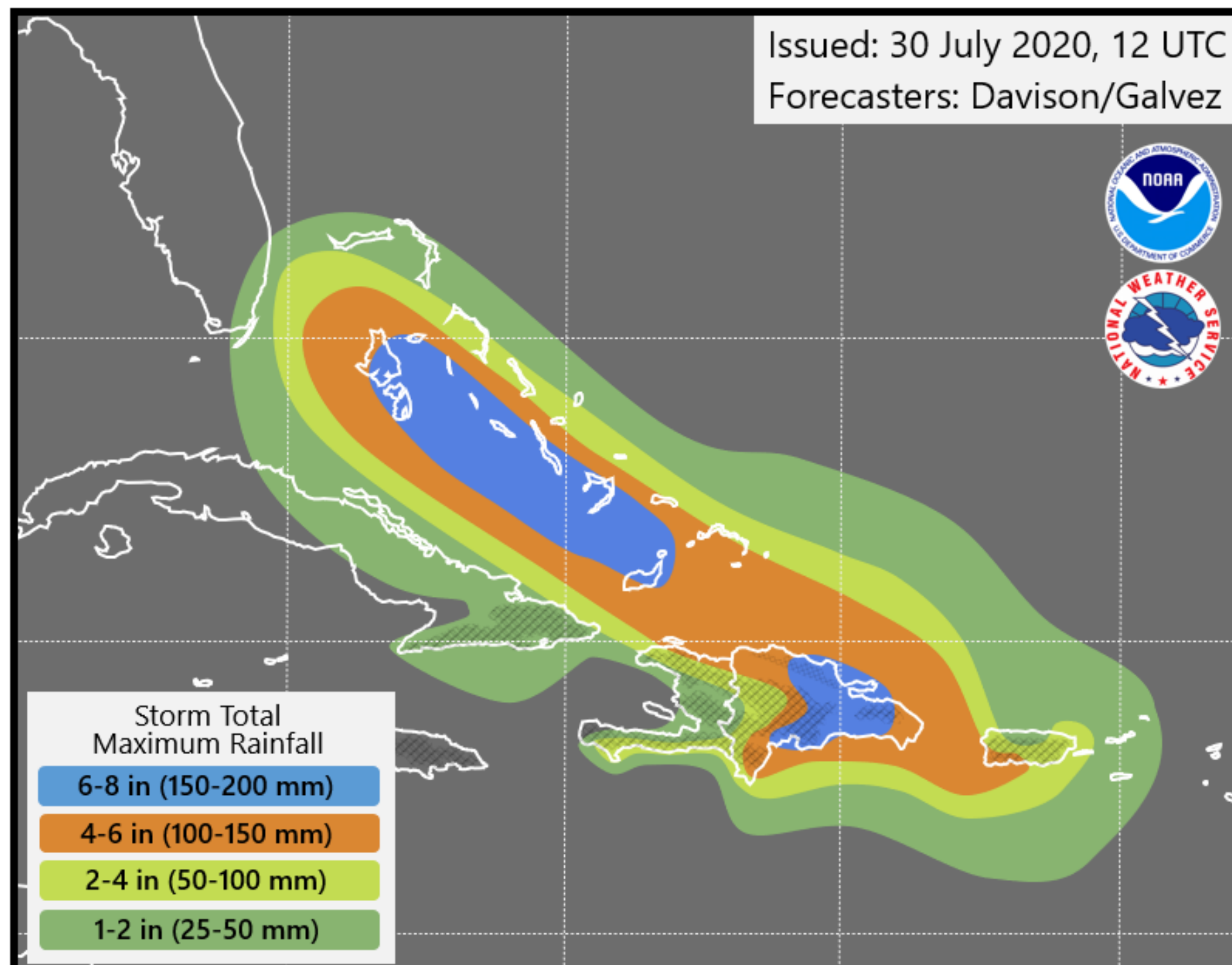


Expected Storm Total Rainfall

Tropical Storm Isaias



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NOTE: This forecast is for planning purposes only.
The official forecast will be issued by the respective
National Meteorological Services.

- Total rainfall in inches through
8 AM Tuesday, August 4th, 2020

Key Messages

Tropical Storm Isaias



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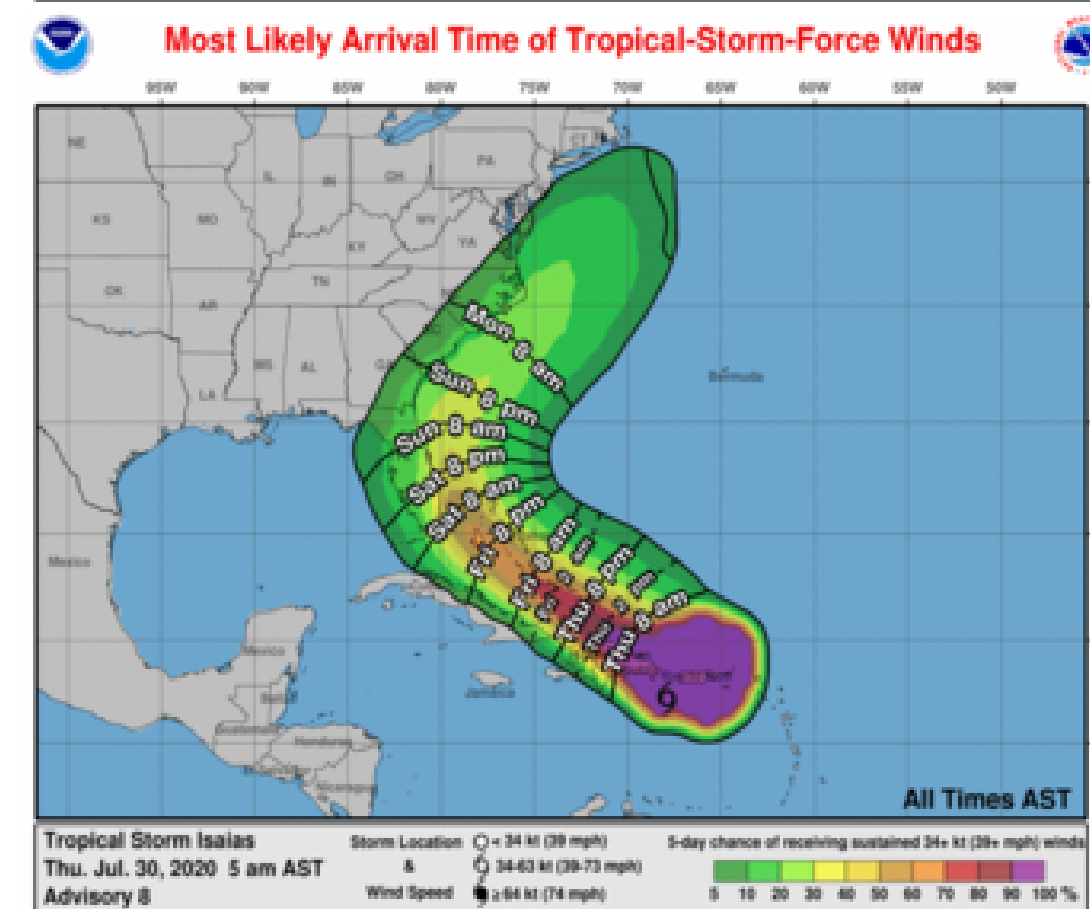
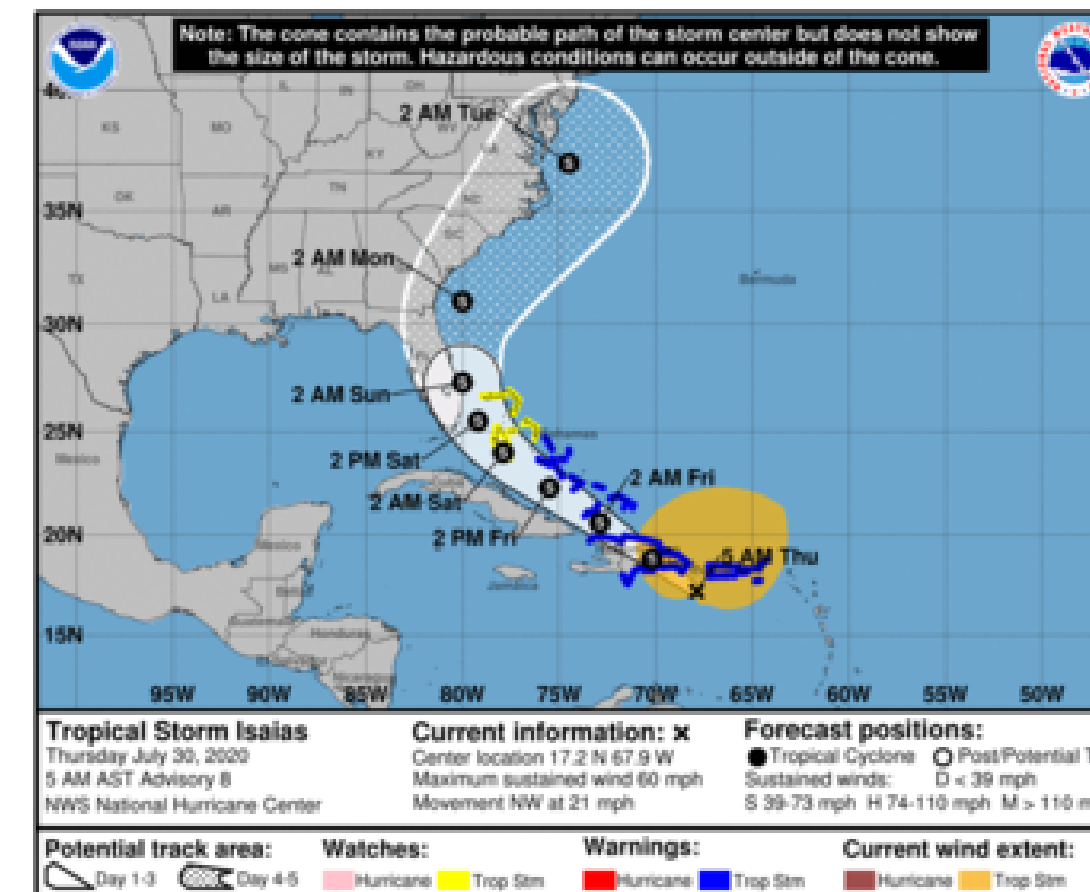


Key Messages for Tropical Storm Isaias

Advisory 8: 5:00 AM AST Thu Jul 30, 2020



1. Isaias will produce heavy rains and potentially life-threatening flash flooding and mudslides across the Virgin Islands, Puerto Rico, the Dominican Republic, northern Haiti, and over the Bahamas.
2. Tropical storm conditions are likely across portions of the the Virgin Islands, and Puerto Rico through this morning and will spread westward to portions of the Dominican Republic, Haiti, and the Turks and Caicos and the Bahamas later today and Friday. Tropical Storm Warnings are in effect for these areas. Do not focus on the details of the track forecast, as rainfall and wind hazards will extend far from the center of the system.
3. While this system could bring some rainfall and wind impacts to portions of Cuba and Florida later this week and this weekend, it is too soon to determine the location or magnitude of those impacts. Interests there should monitor the progress of this system and updates to the forecast over the next couple of days.



For more information go to hurricanes.gov

Marine Key Messages:

- Seas peaking at 20-24 ft today.
- Some strengthening after landfall in Hispaniola.
- Near hurricane strength by Sat.

Uncertainty due to land interaction.

IMPACTS FOR insert D7 (through next 5 days)

Winds – MODERATE

Storm Surge – LOW

Rainfall/Flash Flooding – HIGH

Tornadoes – LOW

Waves - MODERATE



TROPICAL STORM ISAIAS BRIEFING

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

*The Next Briefing Will Be:
Friday, July 31st, 2020 at 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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