

IMPACTS FOR **insert D8** (through next 5 days)

Winds – **LOW**

Storm Surge – **LOW**

Rainfall/Flash Flooding – **LOW**

Tornadoes – **LOW**

Waves - **LOW**

# TROPICAL STORM ISAIAS BRIEFING

9:00 AM CDT

Thursday, July 30<sup>th</sup>, 2020

Prepared by:

**Jeff Lewitsky**

*Tropical Analysis and Forecast Branch  
NWS National Hurricane Center*



NHC\_TAFB

[www.nhc.noaa.gov](http://www.nhc.noaa.gov)

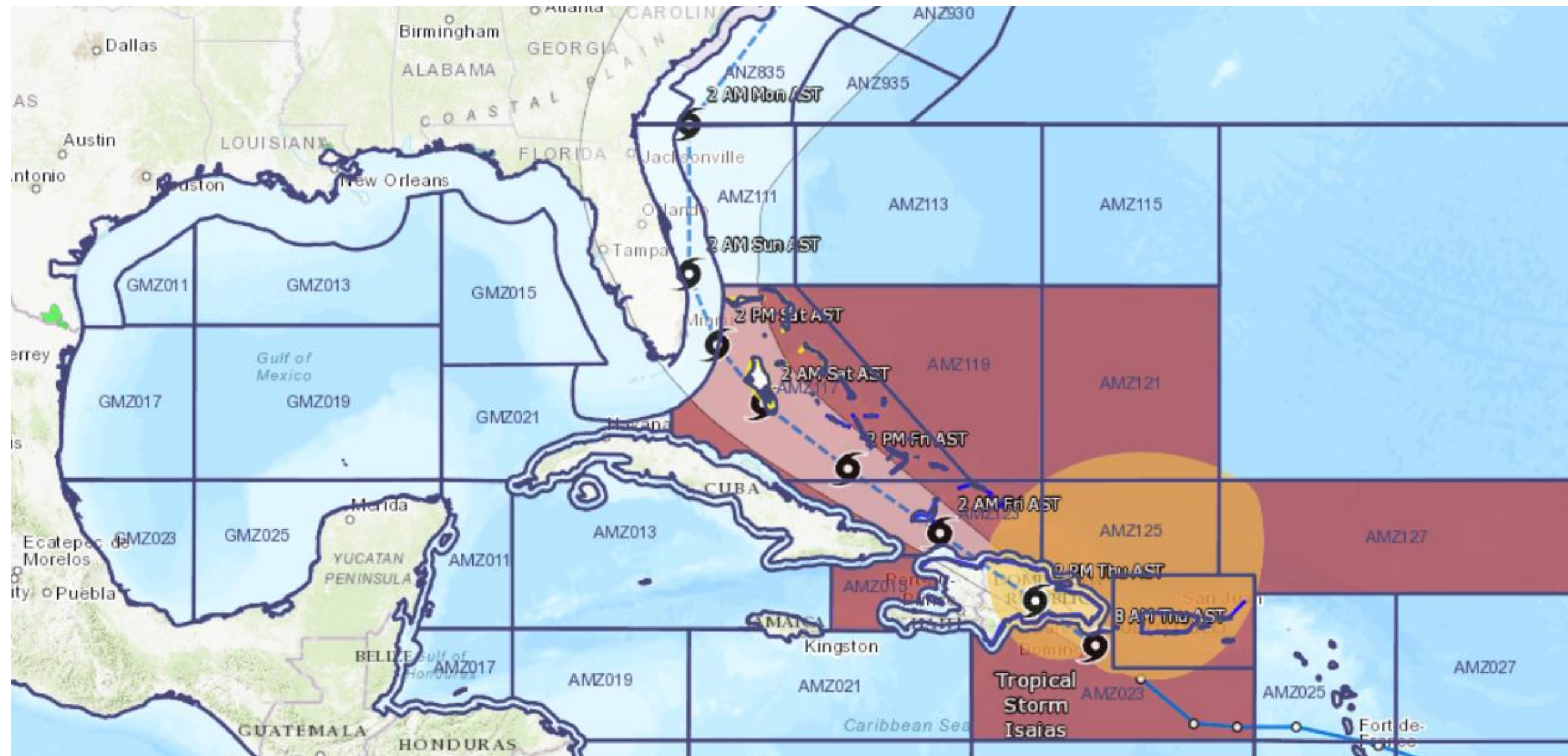


# Hazards Map

## Tropical Storm Isaias



Tropical Analysis and Forecast Branch  
NWS National Hurricane Center

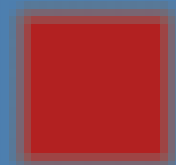


### **Tropical Storm Warning** in effect for...

- Puerto Rico, Vieques, Culebra, 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



Tropical Storm Warning



Tropical Storm Force Winds  $\geq$  34 knots (39 mph)

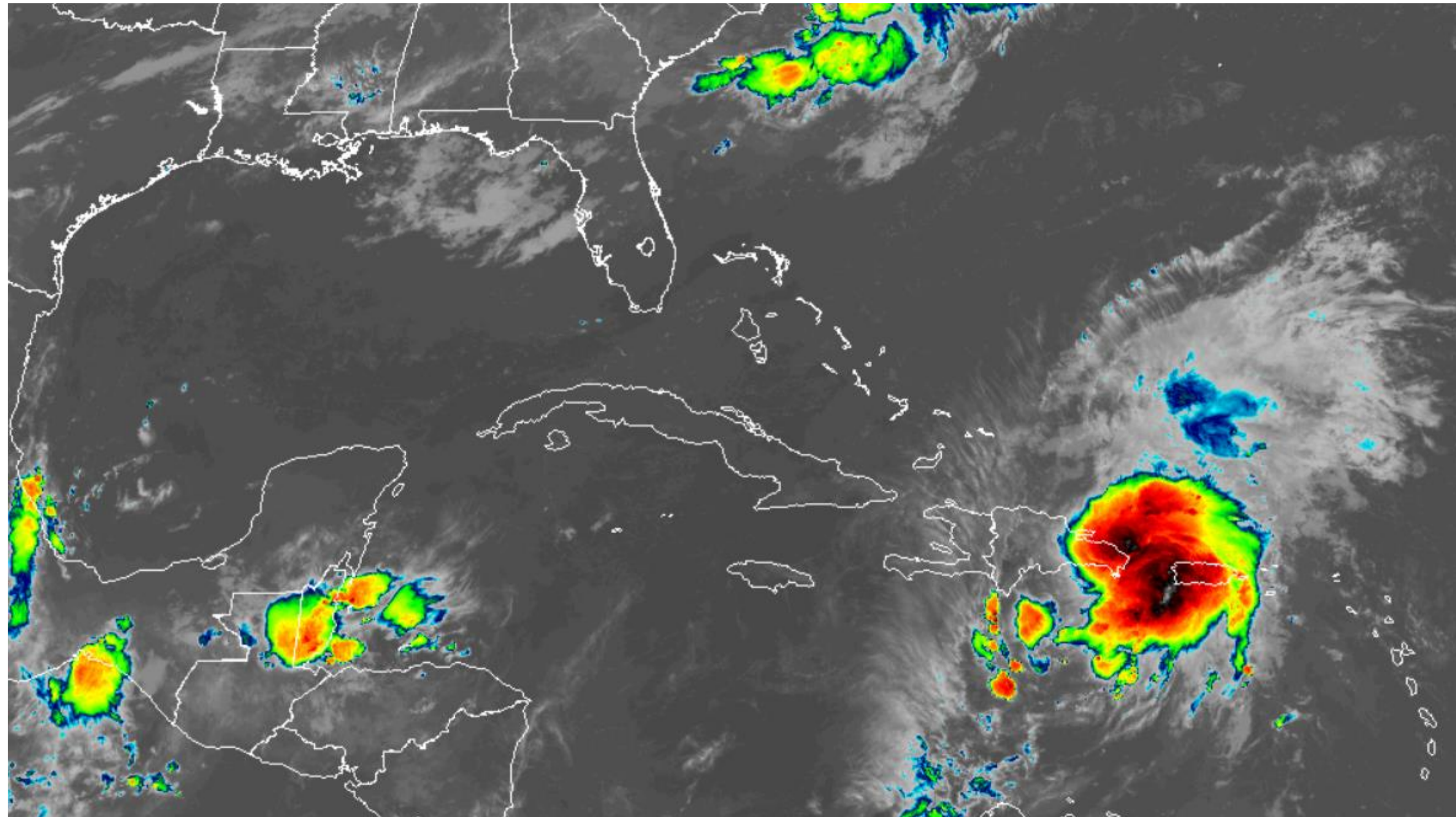


# Situation Overview

Tropical Storm Isaias



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**...Interests in the Florida Peninsula  
should monitor the progress of Isaias...**

700 AM CDT...

-----  
Location... 17.6N 68.5W

About 125 nm... W 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

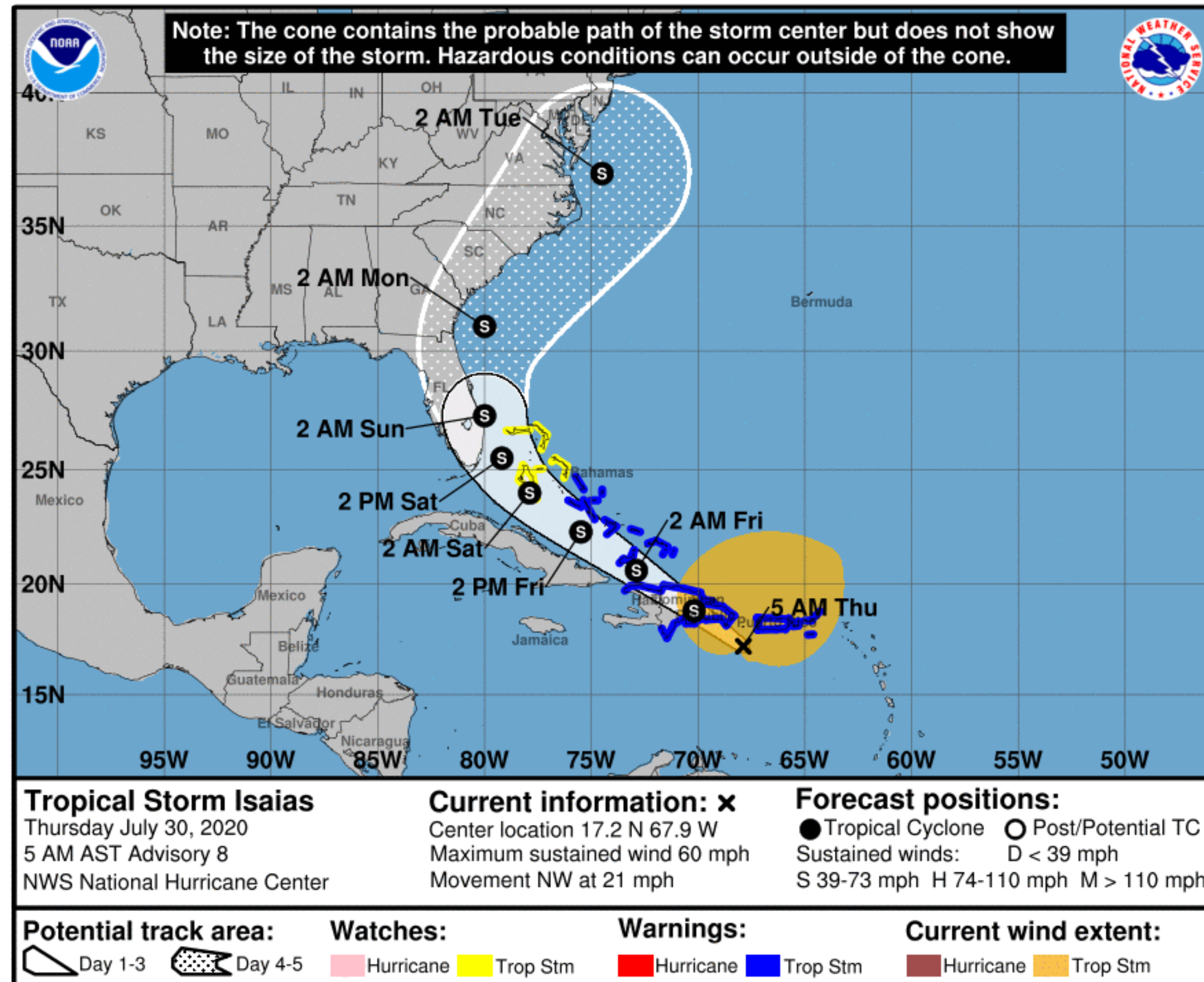


# Forecast Information

## 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 the Southeastern Bahamas by early Fri, approach the Northwestern Bahamas or southern Florida Fri night and Saturday.
- Uncertainty due to interaction with land, possible center reformation.
- Slowing down as it turns.

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

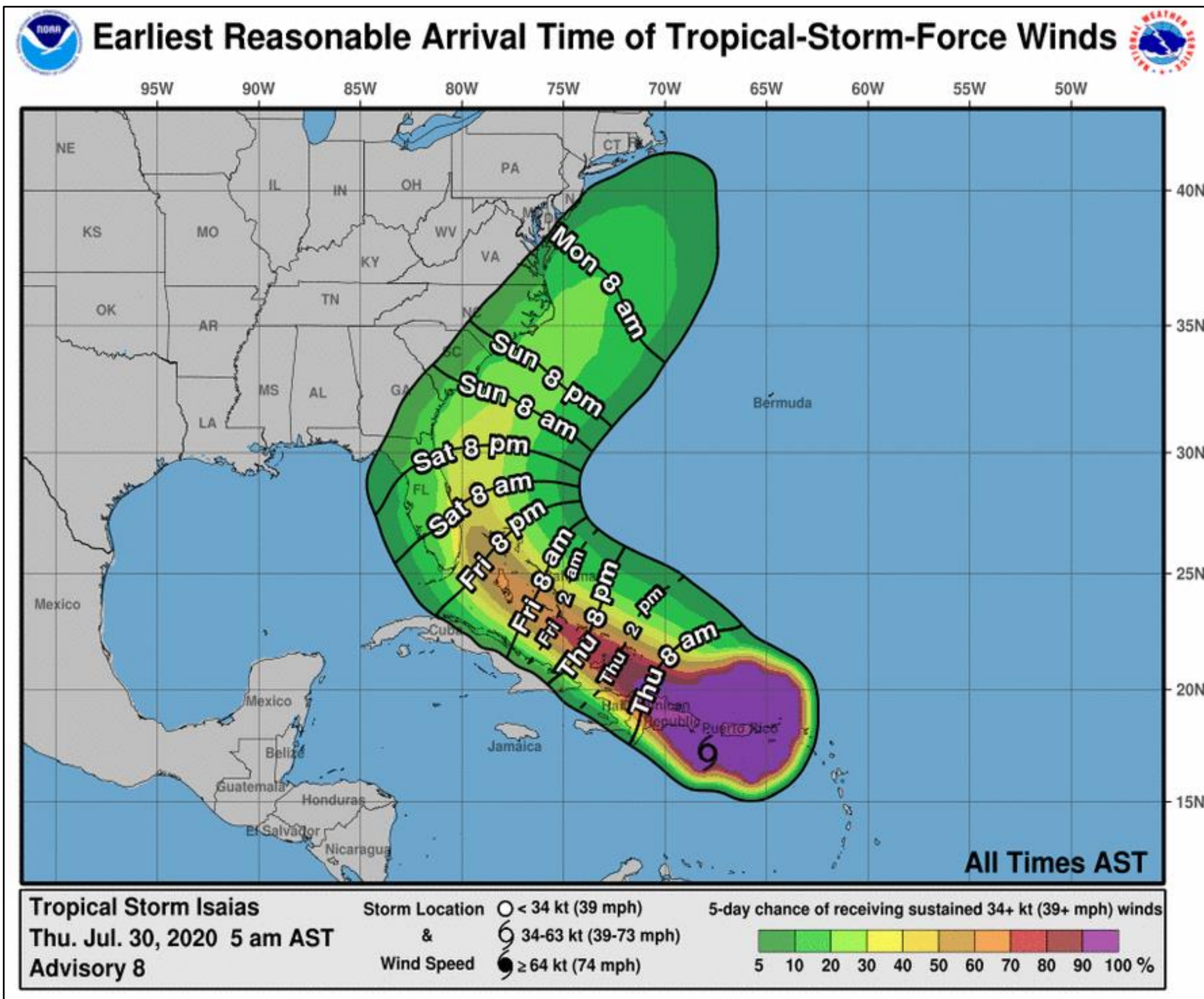


# Earliest Reasonable Time of Arrival

Tropical Storm Isaias



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- Tropical Storm force winds possible Florida Peninsula late Fri through late 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.

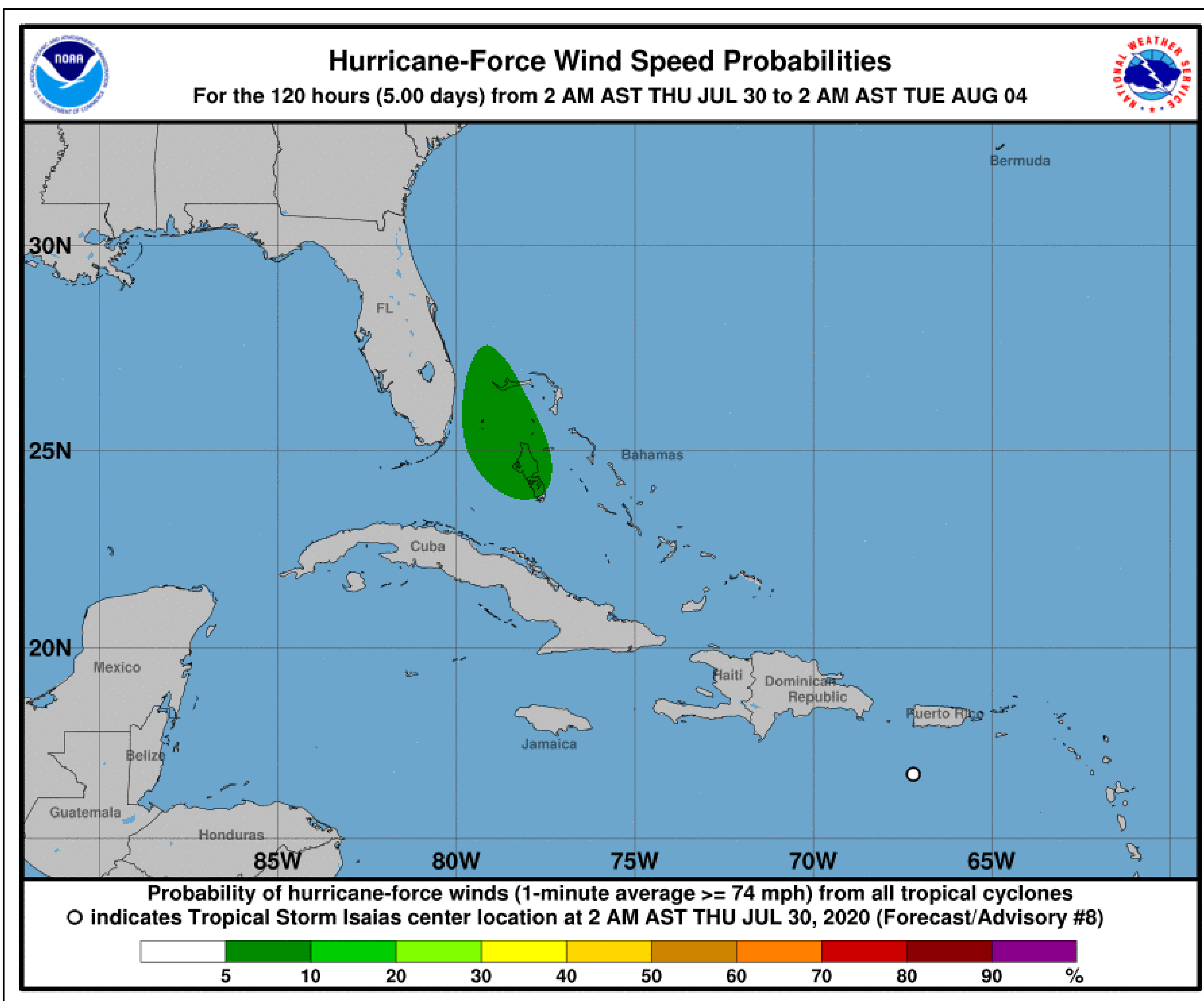


# Hurricane Wind Speed Probabilities

Tropical Storm Isaias



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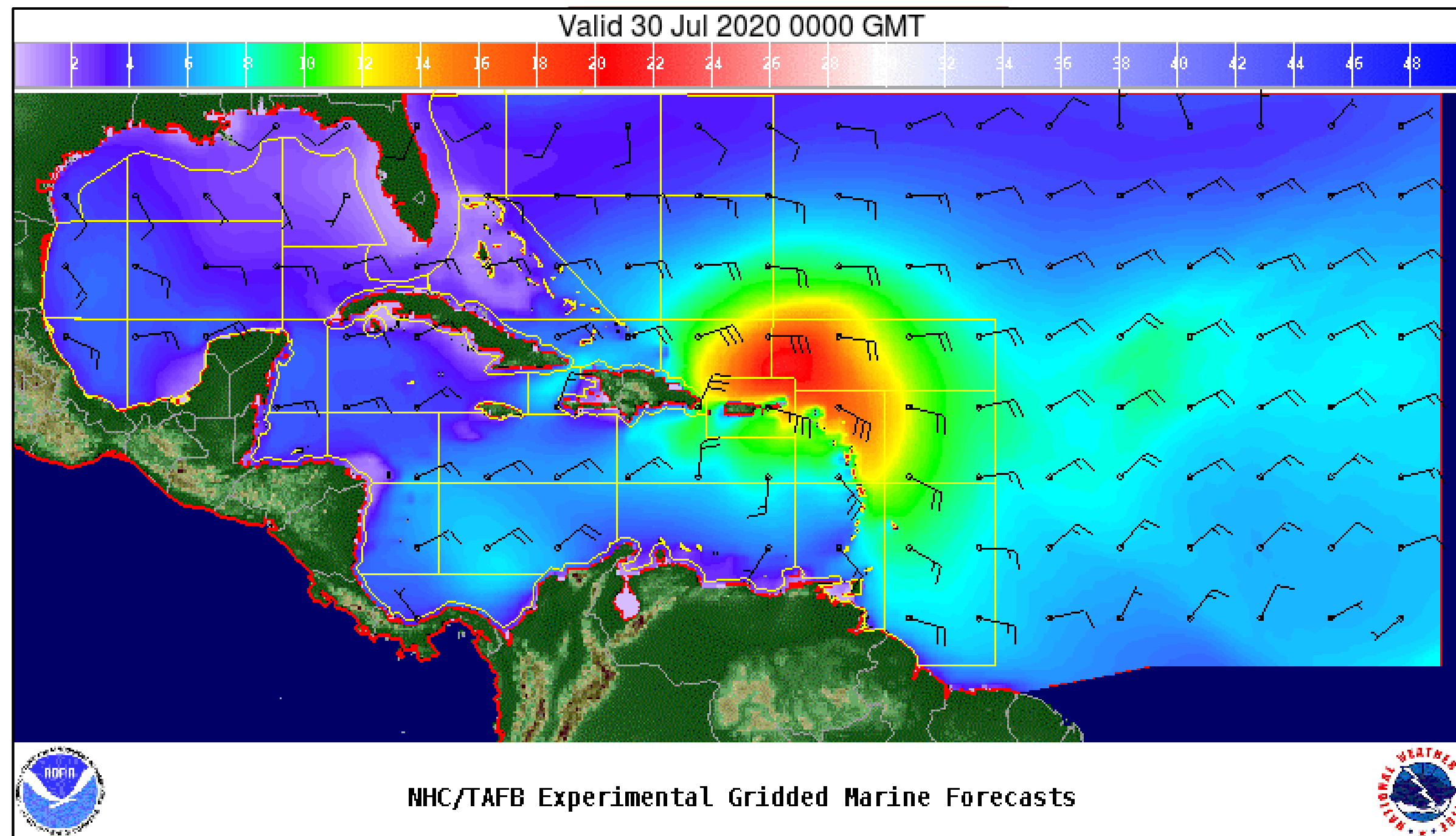
- Chance of becoming a hurricane.
- Probabilities of sustained hurricane force winds (64 kt +) over the next 5 days, based off this cyclone's wind radii and track.
- See the color bar below the image for more details.

# Wind And Waves

## Tropical Storm Isaias



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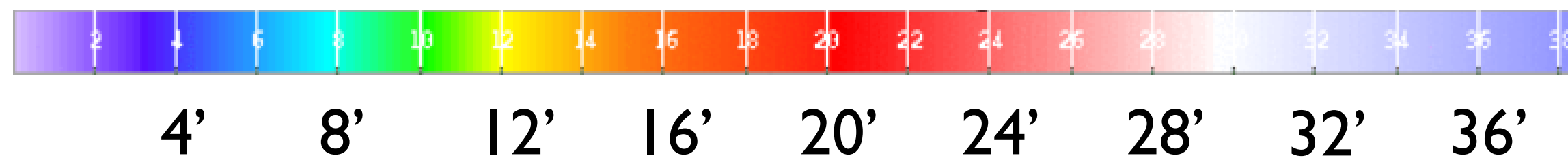
### Current Conditions

**8am Thursday, July 30<sup>th</sup>, 2020**

Peak Winds: 50 kt

Peak Seas: 20-24 ft

- Wave heights are in feet

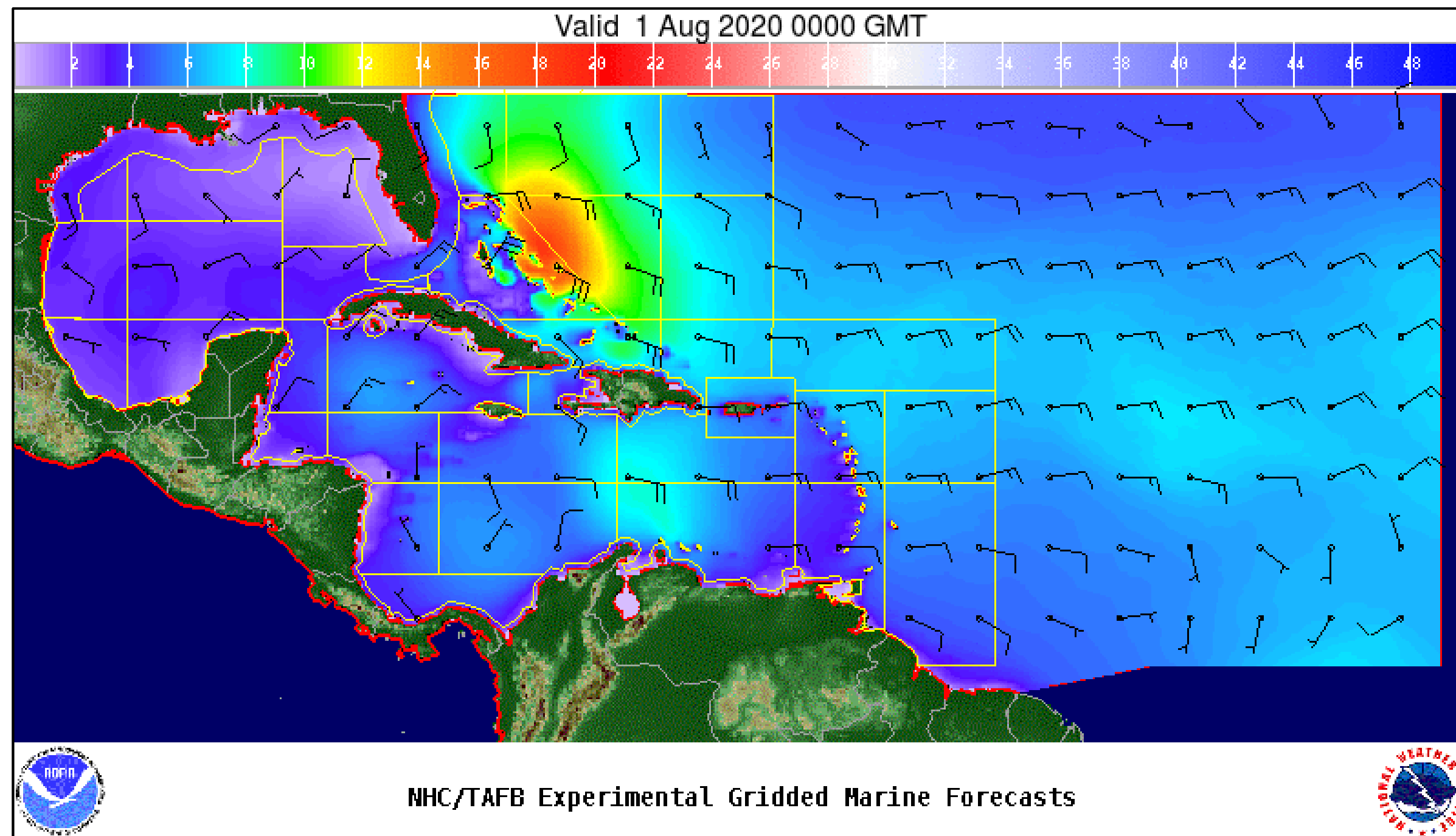


# Wind And Waves

## Tropical Storm Isaias



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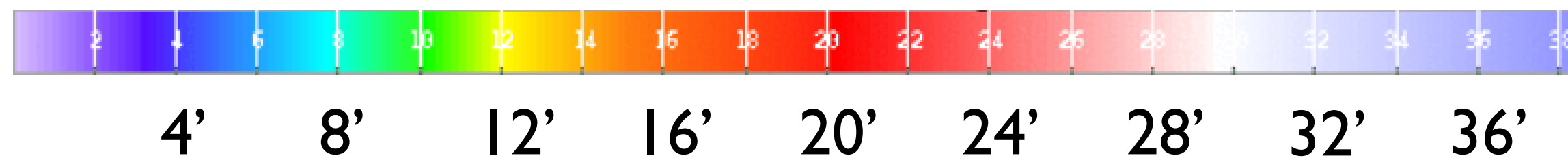
### 48 Hour Forecast

**8am Saturday, August 1<sup>st</sup>, 2020**

Peak Winds: 55 kt

Peak Seas: 19-21 ft

- Wave heights are in feet



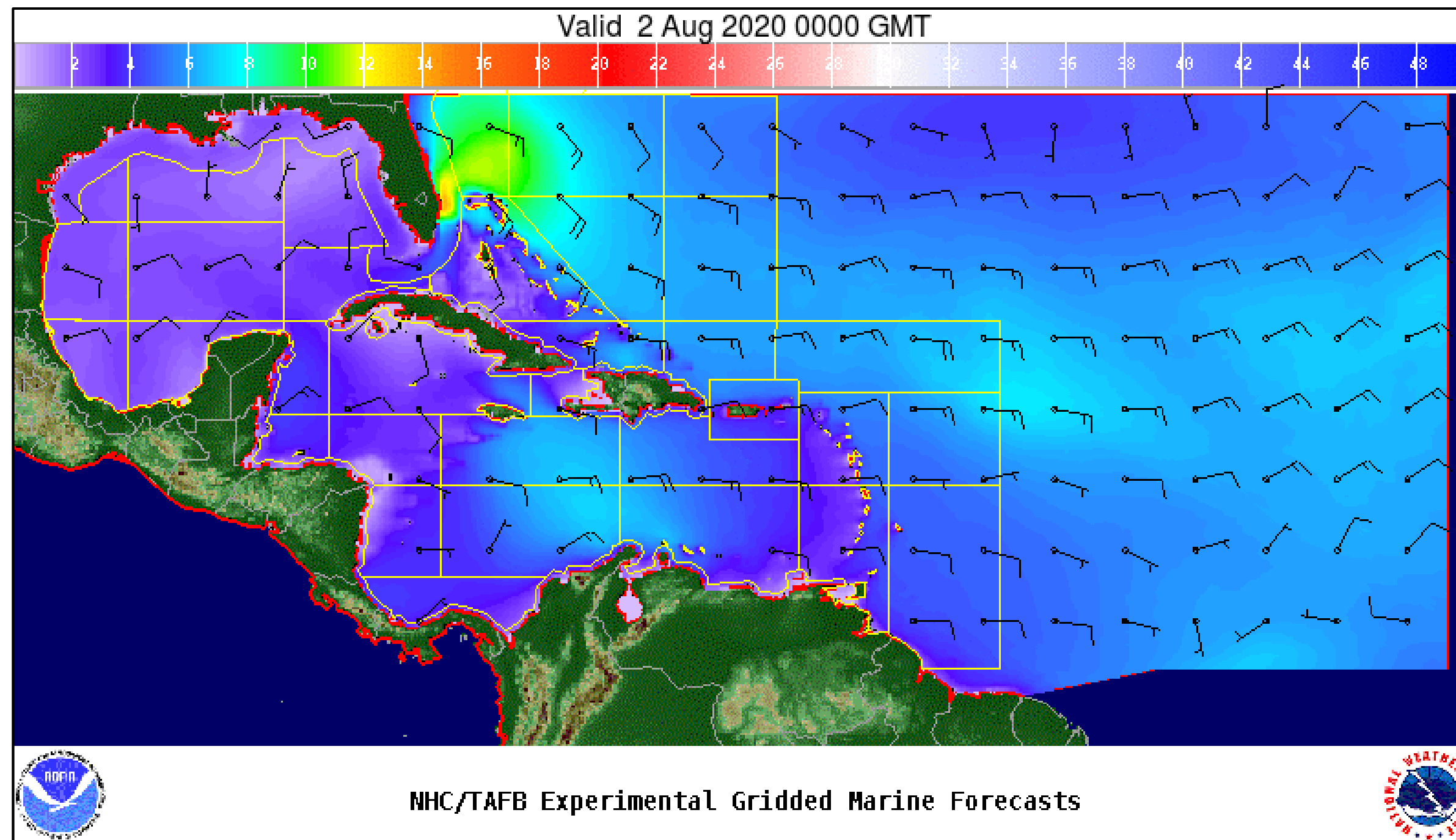


# Wind And Waves

## Tropical Storm Isaias



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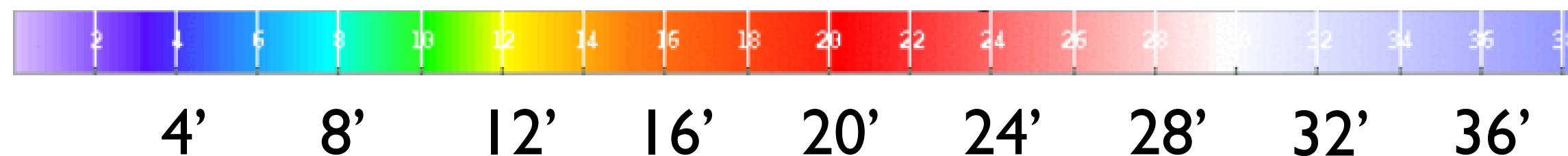
## 72 Hour Forecast

**8am Saturday, August 2<sup>nd</sup>, 2020**

Peak Winds: 60 kt

Peak Seas: 14-16 ft

- Wave heights are in feet



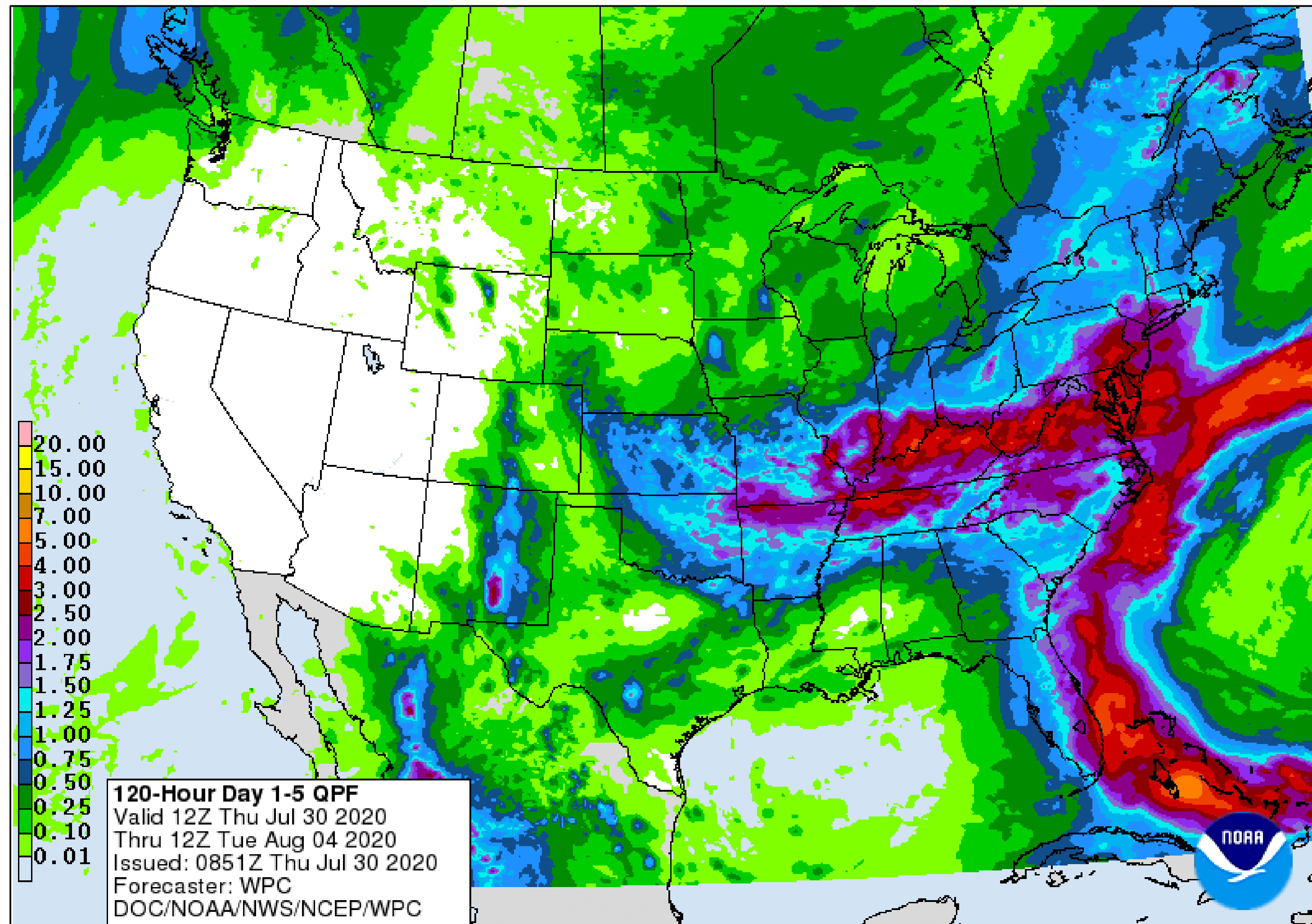


# Expected Storm Total Rainfall

Tropical Storm Isaias



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- Total rainfall in inches through 8 AM Tuesday, August 4<sup>th</sup>, 2020



# Key Messages

## Tropical Storm Isaias



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### Key Messages for Tropical Storm Isaias

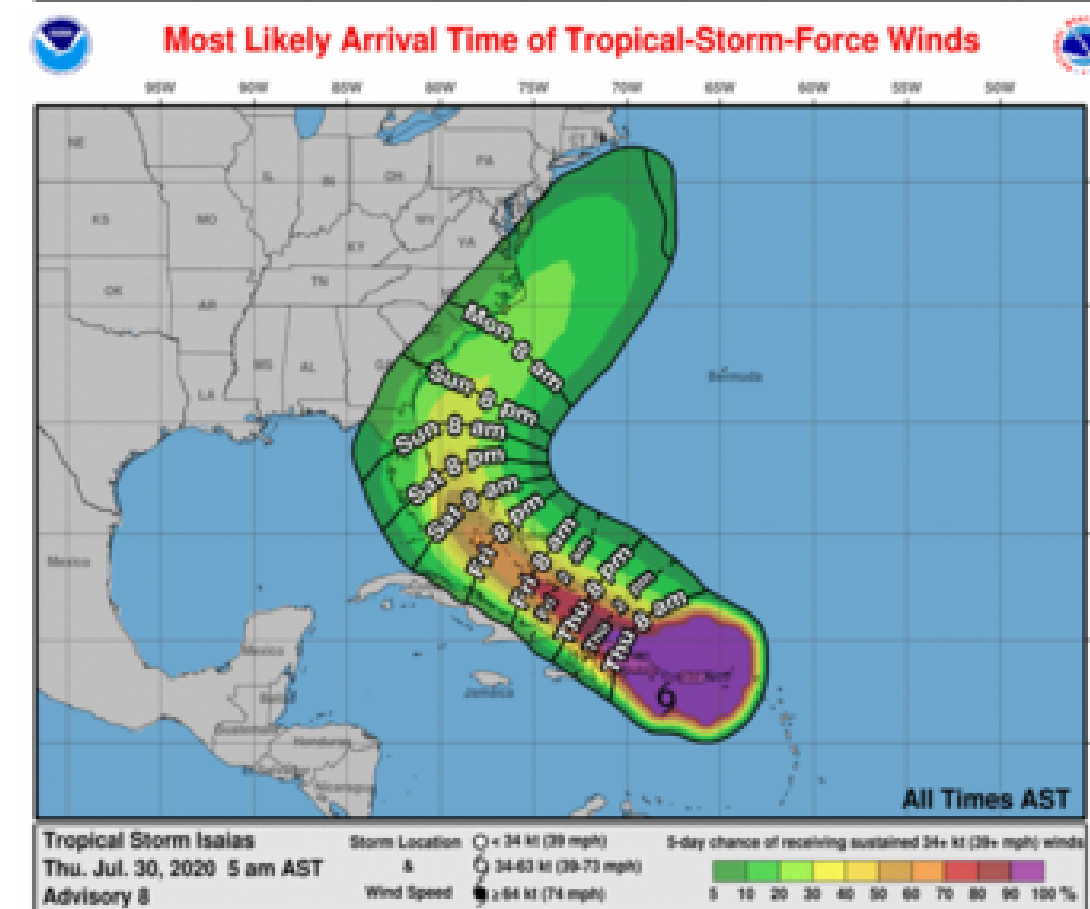
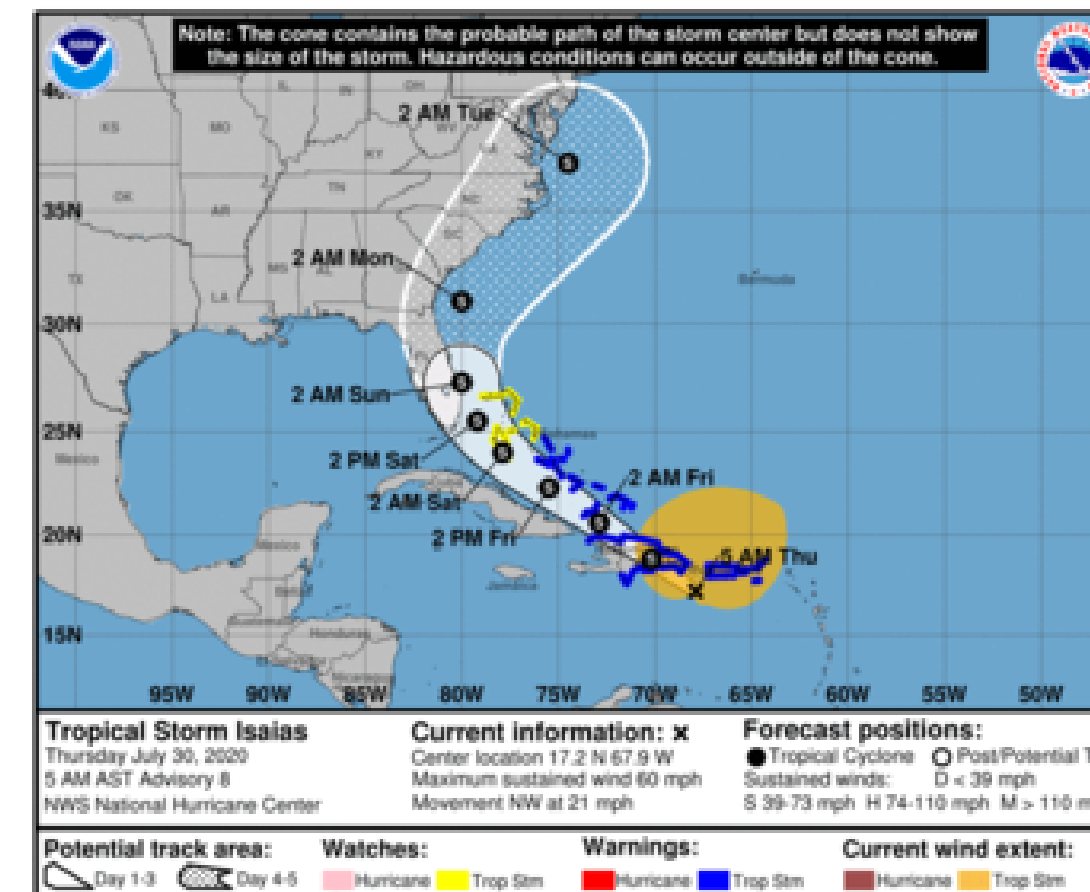
Advisory 8: 5:00 AM AST Thu Jul 30, 2020



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](https://hurricanes.gov)

### Marine Key Messages:

- Conditions currently forecast to remain just east of D8.
- Uncertainty due to land interaction, possible center reformation.
- Slowing down somewhat while turning.
- Near hurricane strength by Sat.



**IMPACTS FOR insert D8 (through next 5 days)**

**Winds – LOW**

**Storm Surge – LOW**

**Rainfall/Flash Flooding – LOW**

**Tornadoes – LOW**

**Waves - LOW**



# TROPICAL STORM ISAIAS BRIEFING

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

*The Next Briefing Will Be:  
Friday, July 31<sup>st</sup>, 2020 at 9:00 AM CDT*

*You can always find get the latest graphics and information for this storm at [www.hurricanes.gov](http://www.hurricanes.gov)*



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