

IMPACTS FOR D7 (through next 3 days)

Winds – High (FL), Moderate (SC)

Storm Surge – Moderate (FL, SC)

Rainfall/Flash Flooding – Low (FL, SC)

Tornadoes – None

Waves - High

HURRICANE ISAIAS BRIEFING

4:00 PM EDT

Saturday, August 1, 2020

Prepared by:

Chris Landsea

*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

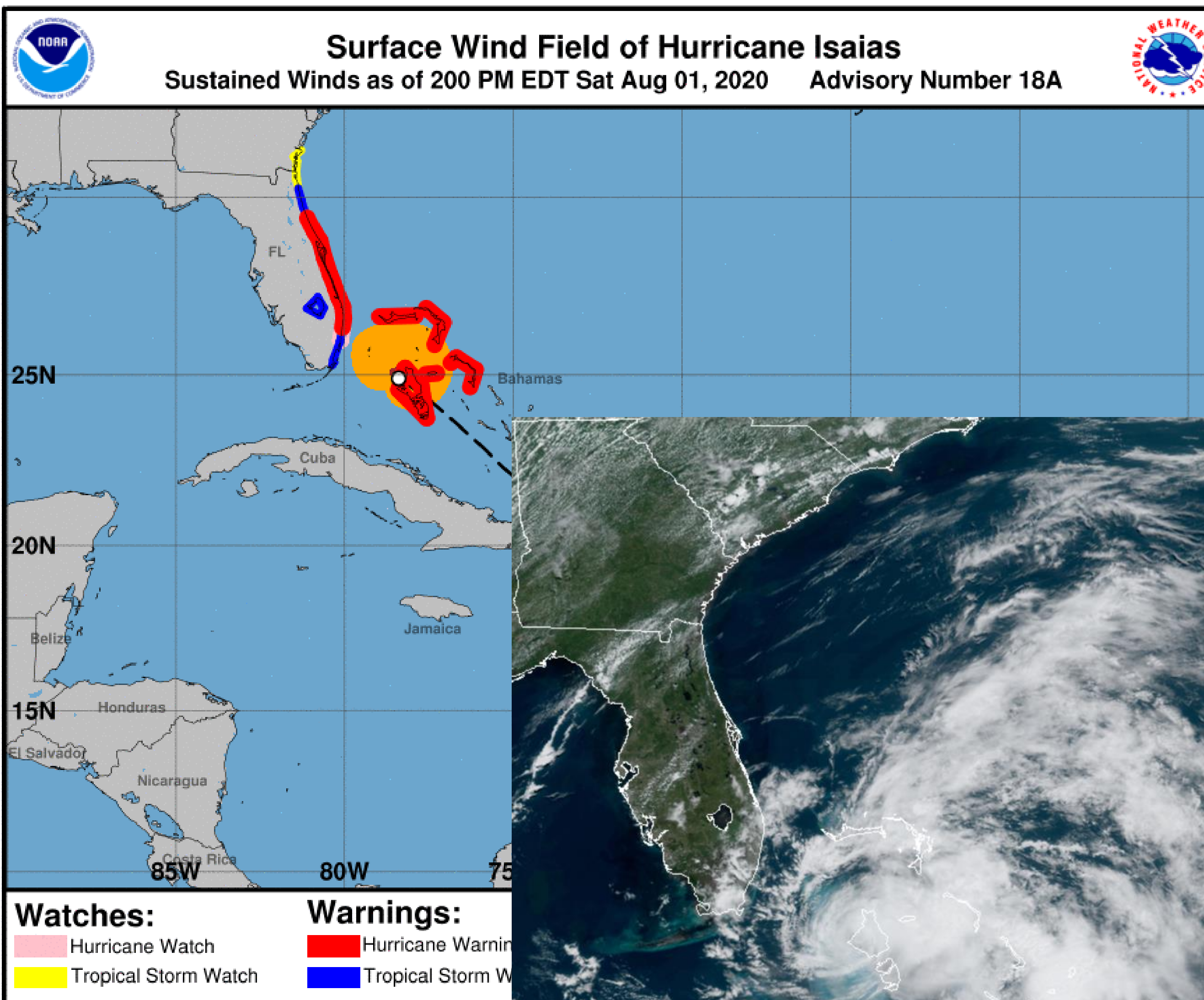
www.nhc.noaa.gov

Situation Overview

Hurricane Isaias



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**...ISAIAS EMERGING OVER THE STRAITS OF FLORIDA...
...EXPECTED TO APPROACH THE SOUTHEAST COAST OF FLORIDA TONIGHT...**

SUMMARY OF 200 PM EDT INFORMATION

LOCATION...24.9N 78.4W
ABOUT 115 MI S OF FREEPORT BAHAMAS
ABOUT 140 MI SE OF FORT LAUDERDALE FL
MAXIMUM SUSTAINED WINDS...65 KT
PRESENT MOVEMENT...NW 11 KT

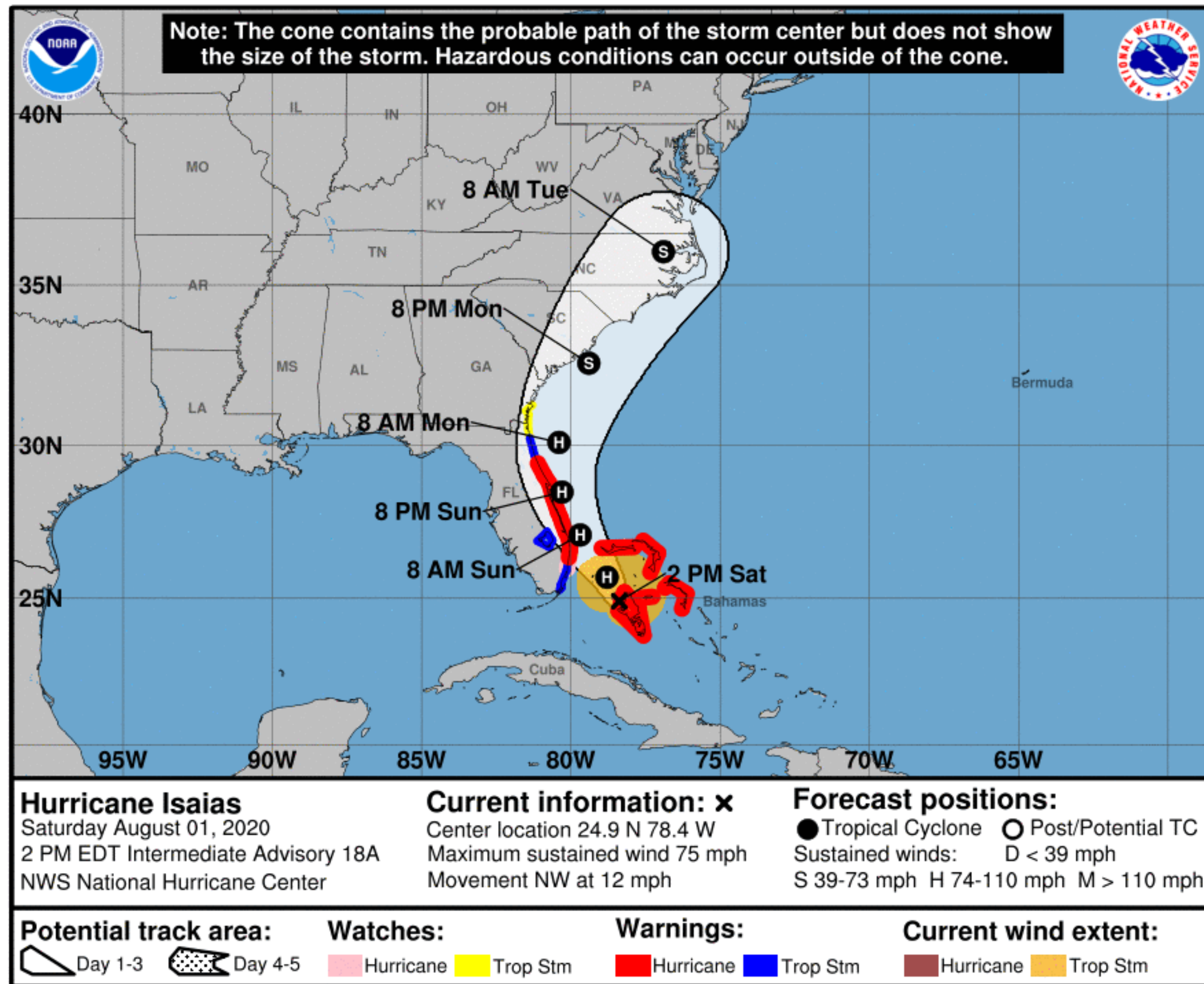
SIZE (in nautical miles)
64 KT..... 20NE 15SE 0SW 20NW.
50 KT..... 50NE 30SE 0SW 30NW.
34 KT..... 100NE 70SE 30SW 100NW.
12 FT SEAS..210NE 150SE 45SW 180NW.

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 late Sunday, then recurve toward the north-northeast Monday and Tuesday
- The hurricane will move close to or over the east central Florida coast on Sunday
- After recurvature, Isaias is likely to impact South Carolina and farther north along the U.S. mid-Atlantic and New England coasts
- Isaias should weaken slowly over the next three days
- 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

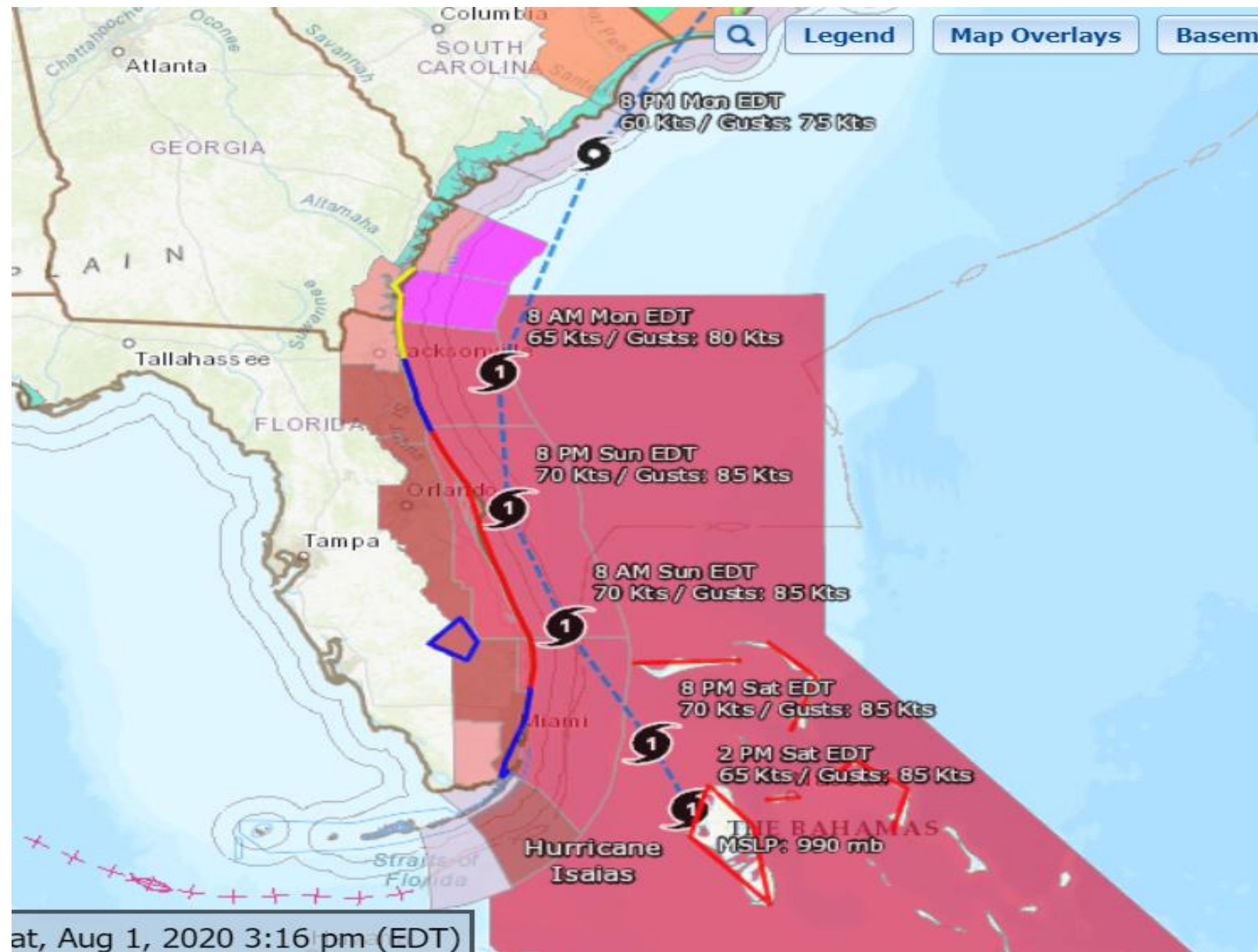
** Swaths are calculated using average track errors and actual track may be well inside, or possibly outside the potential track areas indicated.

Hazards Map

Hurricane Isaias



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■ <https://nowcoast.noaa.gov/>

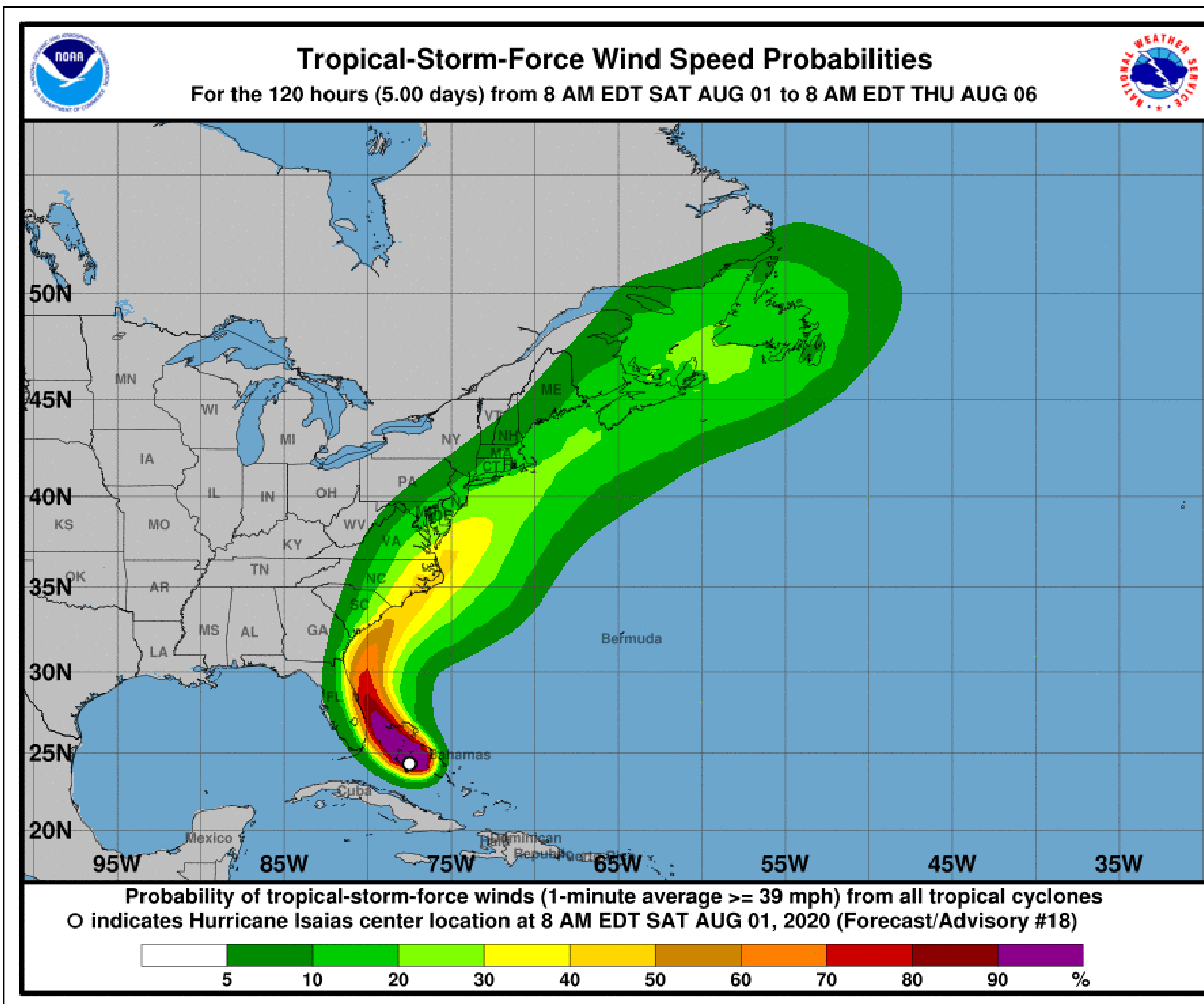
- Hurricane Warning
- Tropical Storm Warning
- Hurricane Watch
- Tropical Storm Watch
- Gale Warning
- Small Craft Advisory

T.S. Wind Speed Probabilities

Hurricane Isaias



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- Miami – 15%, Ft. Lauderdale – 50%
 - Palm Beach – 75%, Cape Canaveral – 70%
 - Jacksonville – 15%, Savannah – 15%
 - Charleston – 40%
-
- Probabilities of sustained tropical storm force winds (34 kt to 63 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.

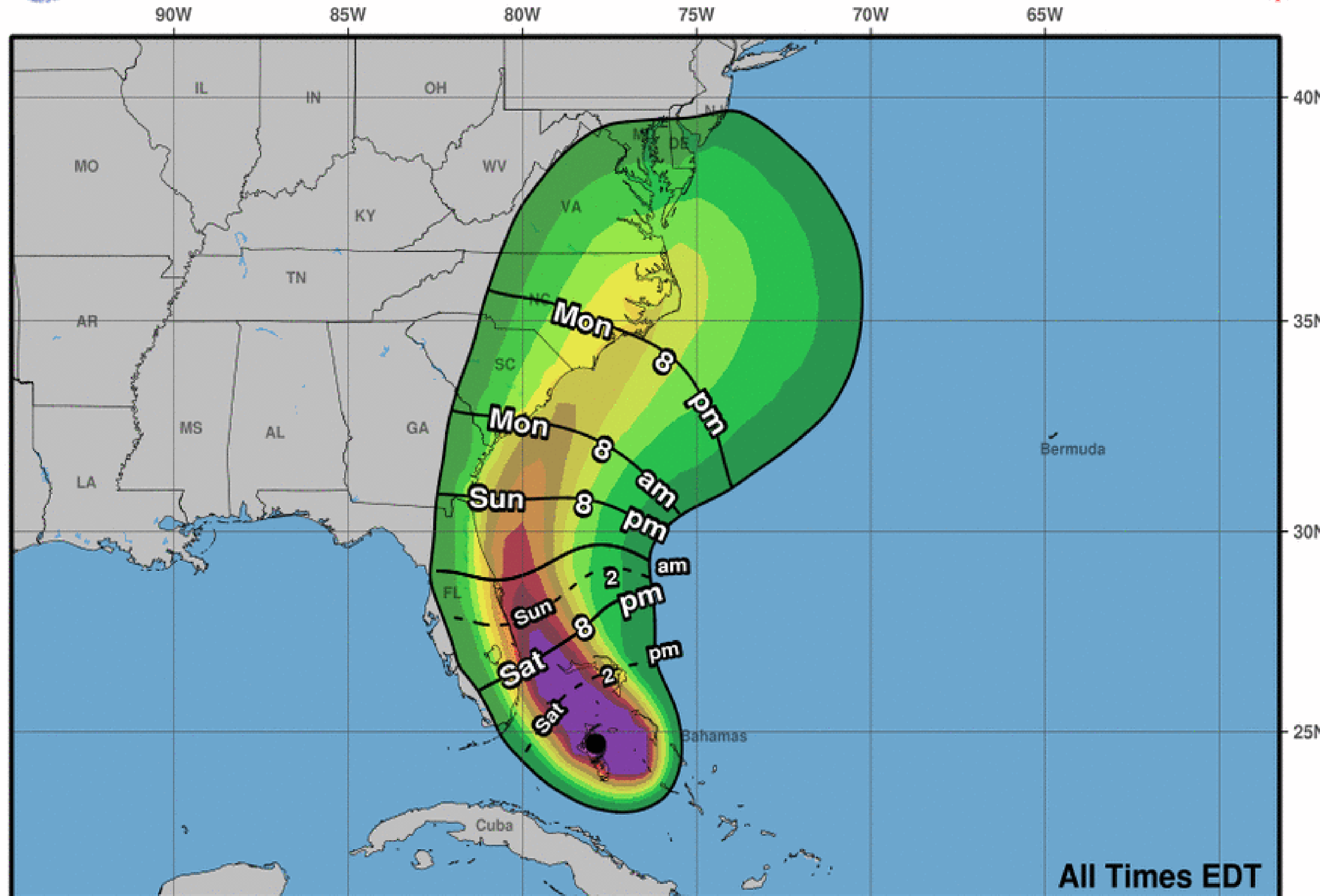
Earliest Reasonable Time of Arrival

Hurricane Isaias



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0-3 Day Earliest Reasonable Arrival Time of Tropical-Storm-Force Winds



Miami/Ft. Lauderdale – This afternoon
Cape Canaveral – Sunday morning
Georgia – Sunday night
South Carolina – Monday morning

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.

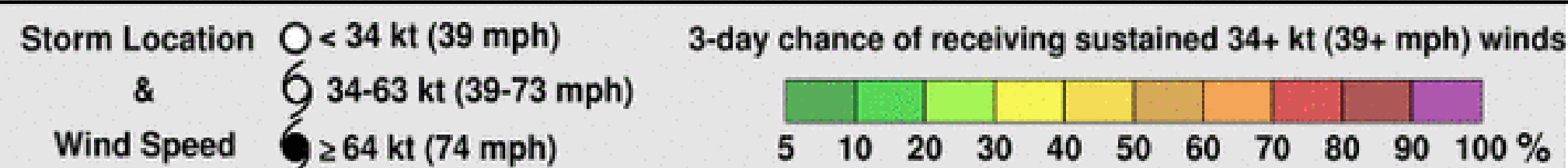
Clear or dark green are the lowest chances of 0-30%.

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 Isaias
Sat. Aug. 1, 2020 11 am EDT
Advisory 18

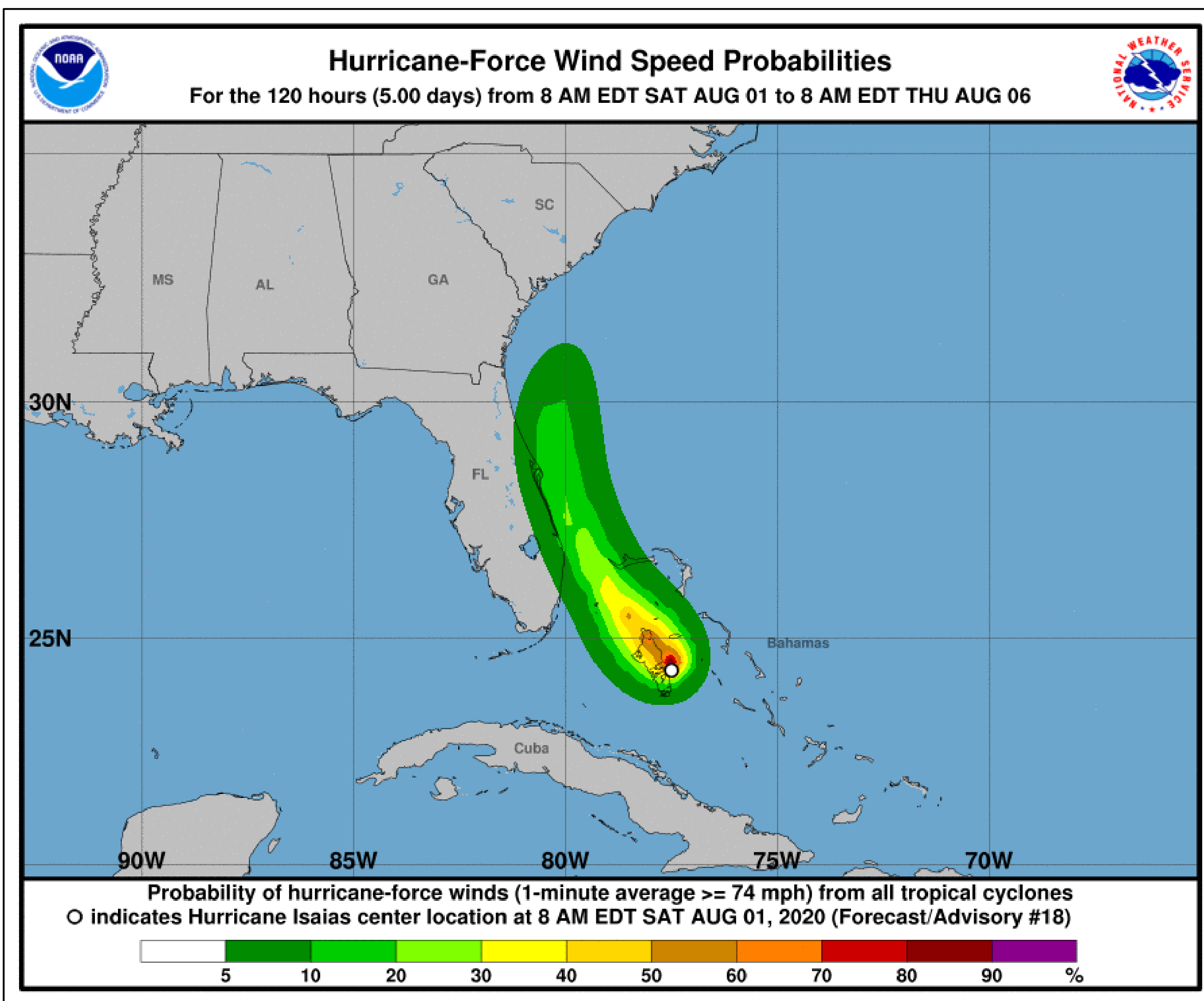


Hurricane Wind Speed Probabilities

Hurricane Isaias



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- **5-10% Palm Beach, Fort Pierce, Cape Canaveral**
- 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

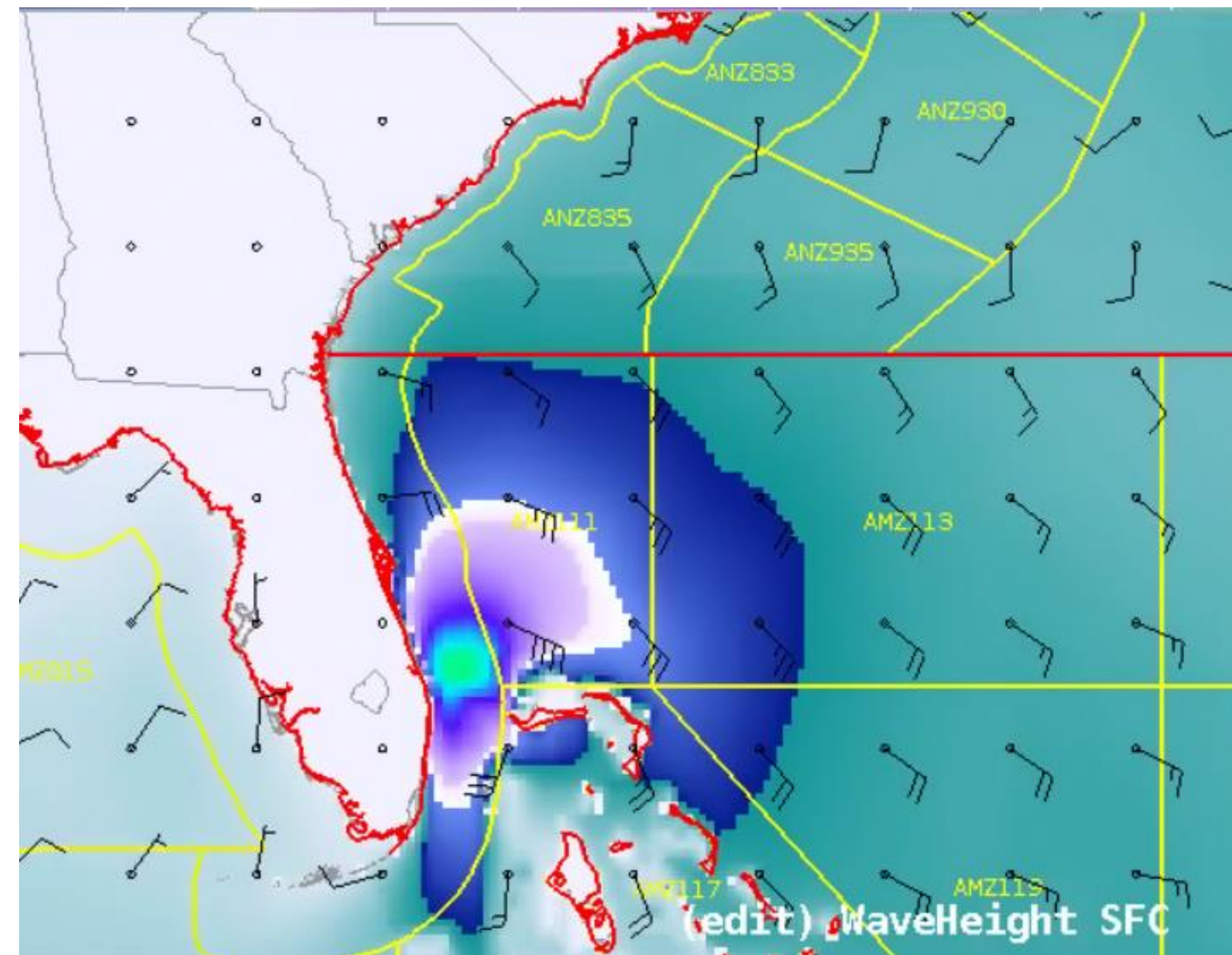


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18 Hour Forecast 8am EDT, Sunday, August 2nd, 2020

Peak Winds: 70 kt

Peak Seas: 25 ft



- Wave heights are in feet

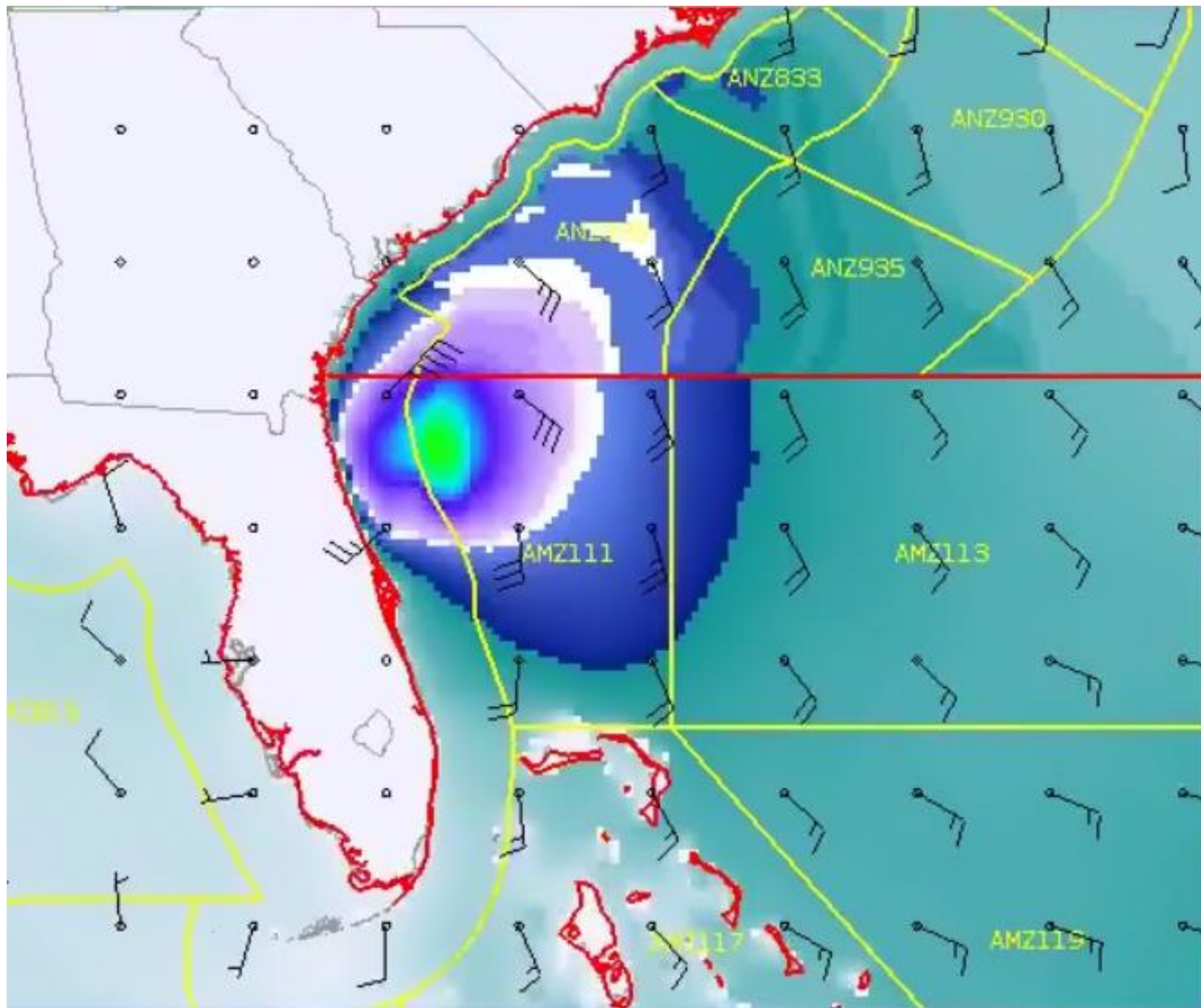


Wind And Waves

Hurricane Isaias



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42 Hour Forecast
8am EDT, Monday, August 3rd, 2020

Peak Winds: 65 kt

Peak Seas: 30 ft

- Wave heights are in feet



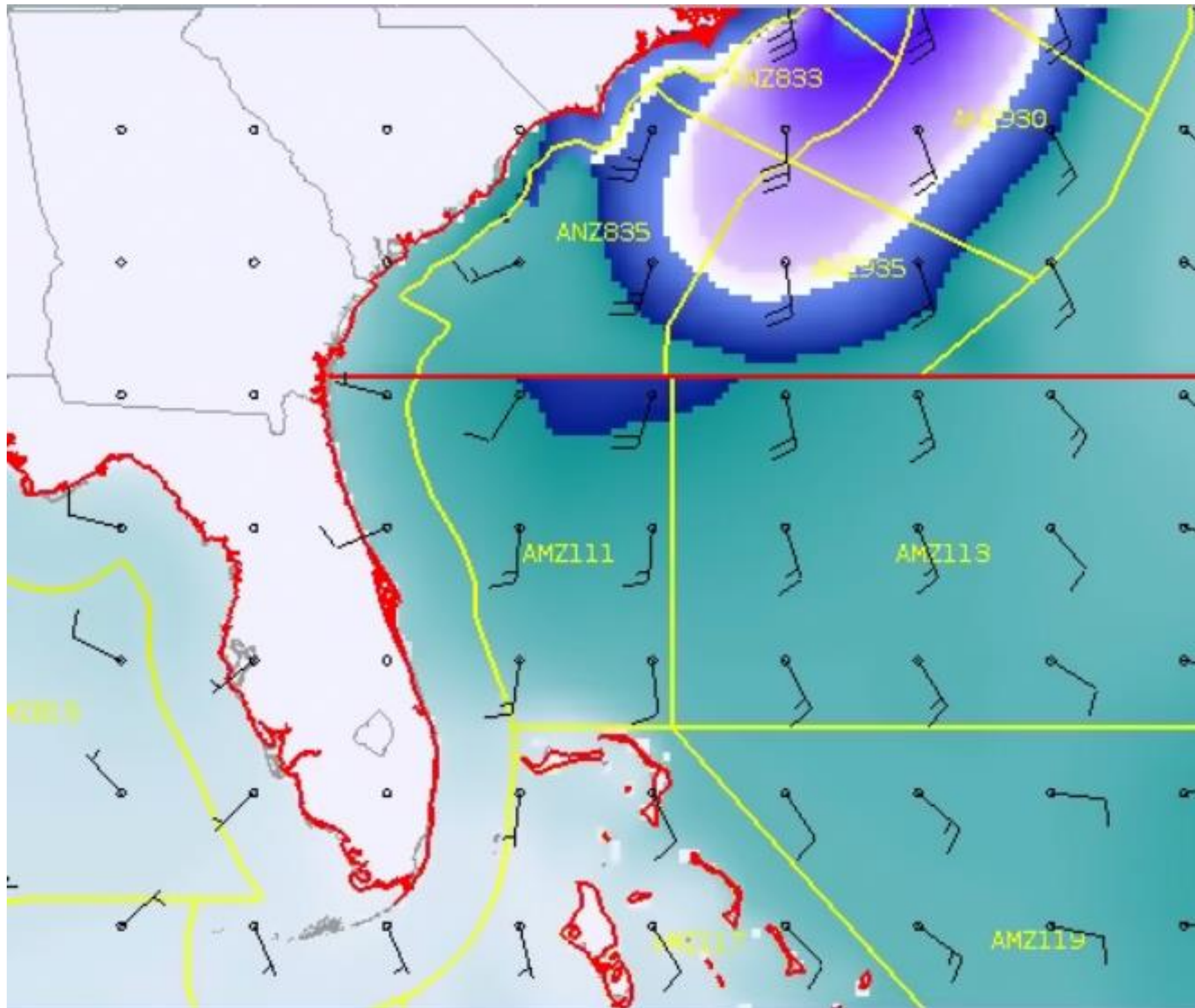
Wind And Waves

Hurricane Isaias



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66 Hour Forecast
8am EDT, Tuesday, August 4th, 2020
Peak Winds: 35 kt (in D7 SRR)
Peak Seas: 15 ft (in D7 SRR)



- Wave heights are in feet

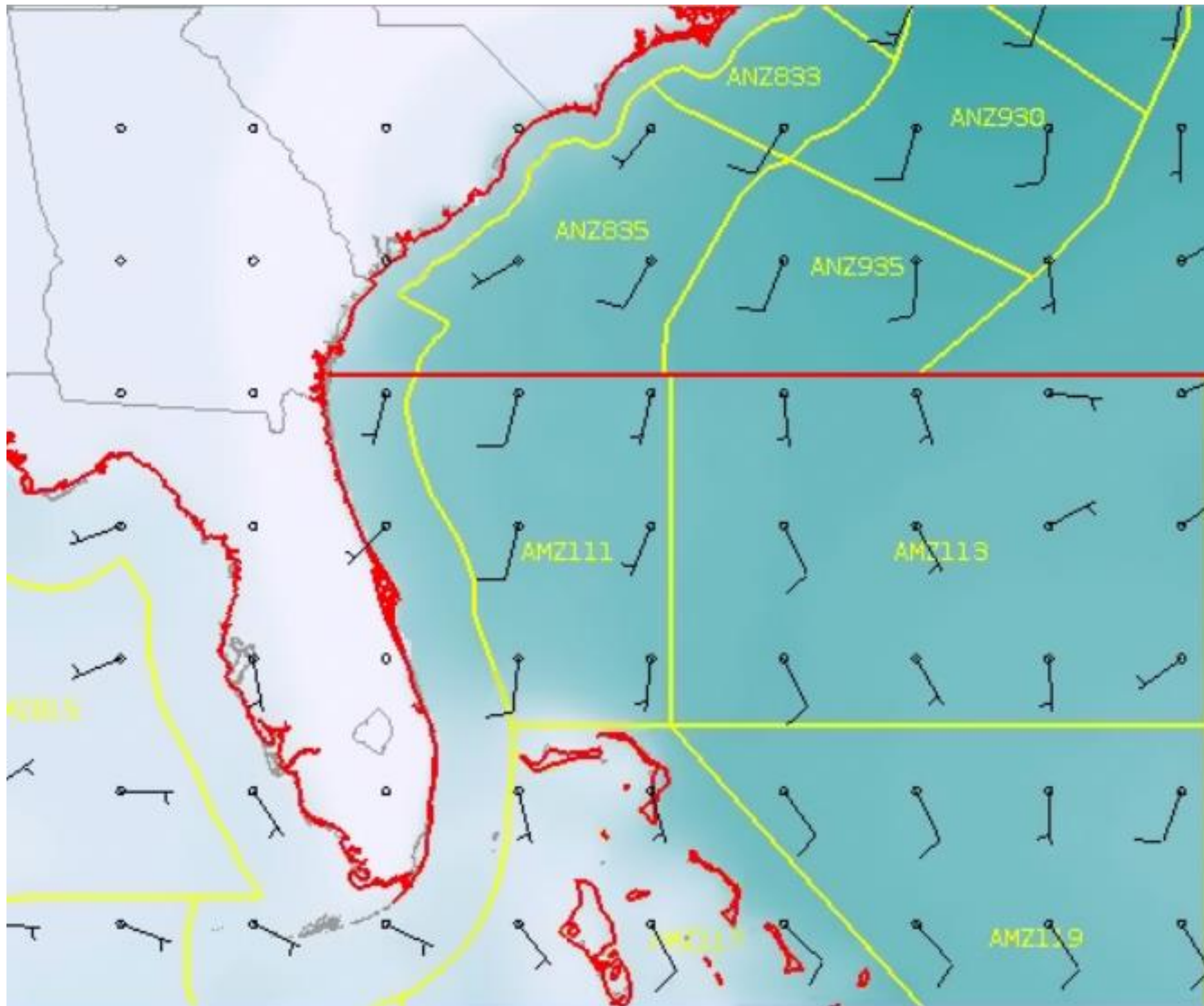


Wind And Waves

Hurricane Isaias



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90 Hour Forecast

8am EDT, Wednesday, August 5th, 2020

Peak Winds: 15 kt (in D7 SRR)

Peak Seas: 6 ft

- Wave heights are in feet

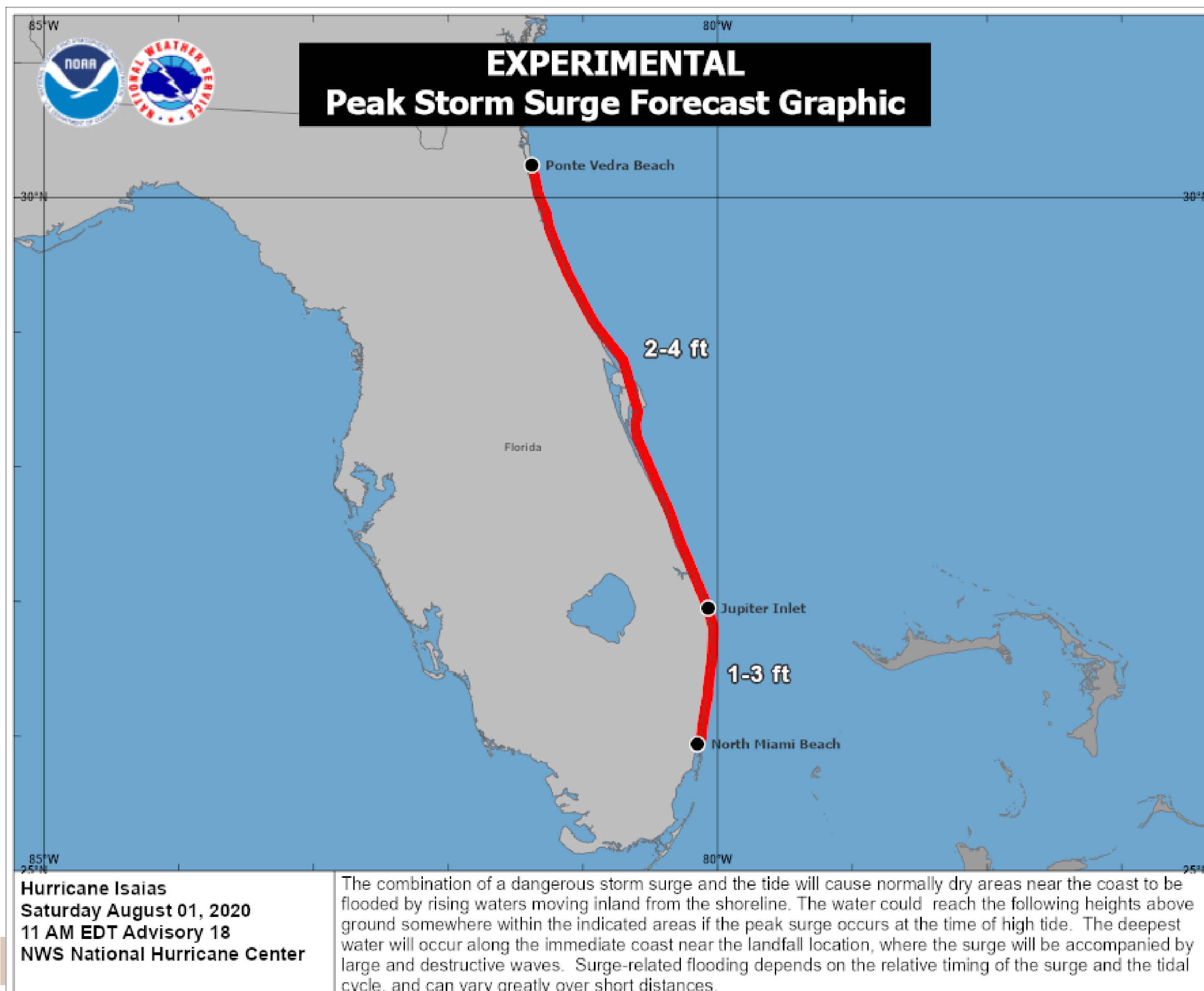


Potential Peak Storm Surge

Hurricane Isaias



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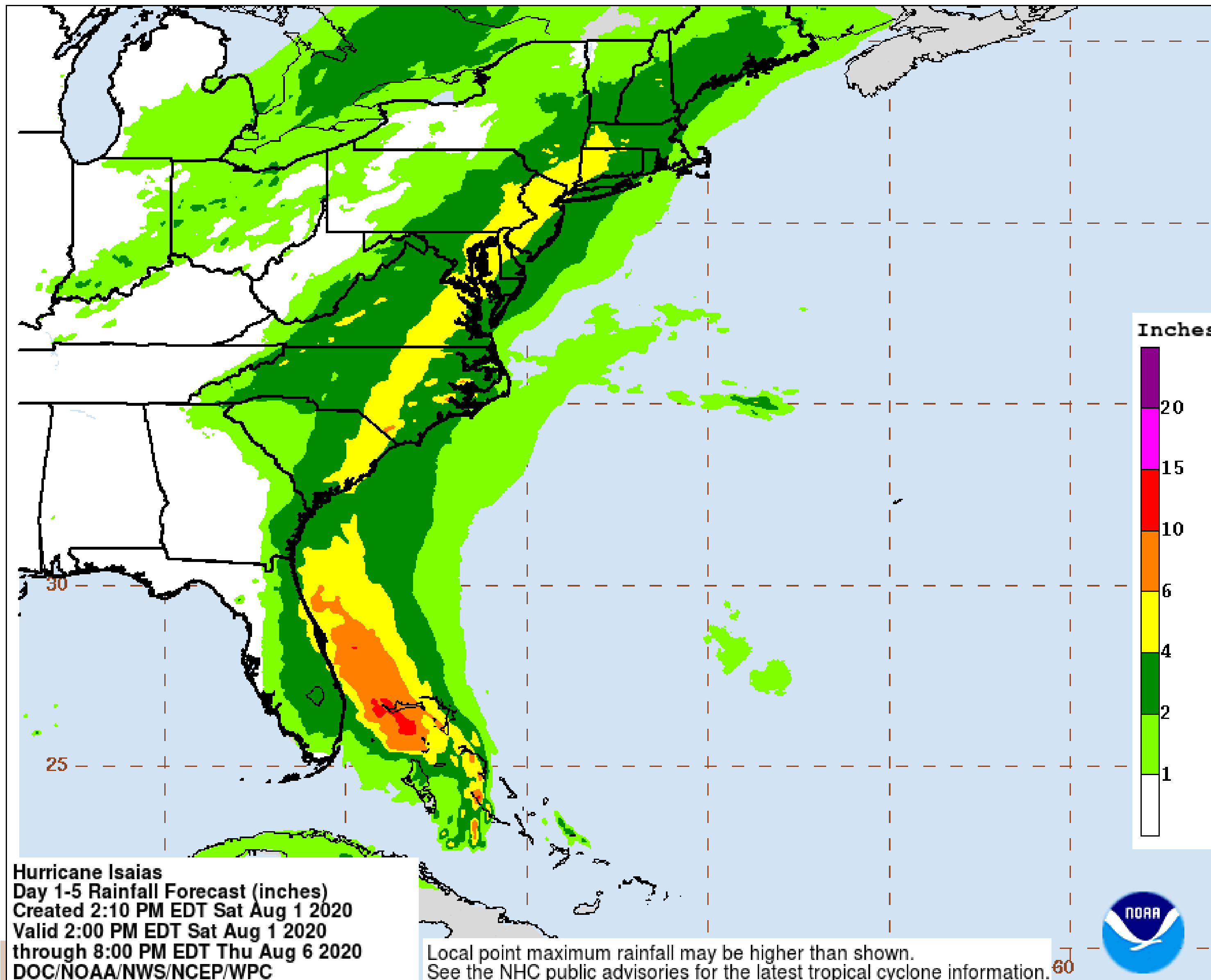
- Potential storm surge is represented in feet above the ground at any given point.
- A Storm Surge Watch is in effect for...
- Jupiter Inlet to Ponte Vedra Beach Florida

Expected Storm Total Rainfall

Hurricane Isaias



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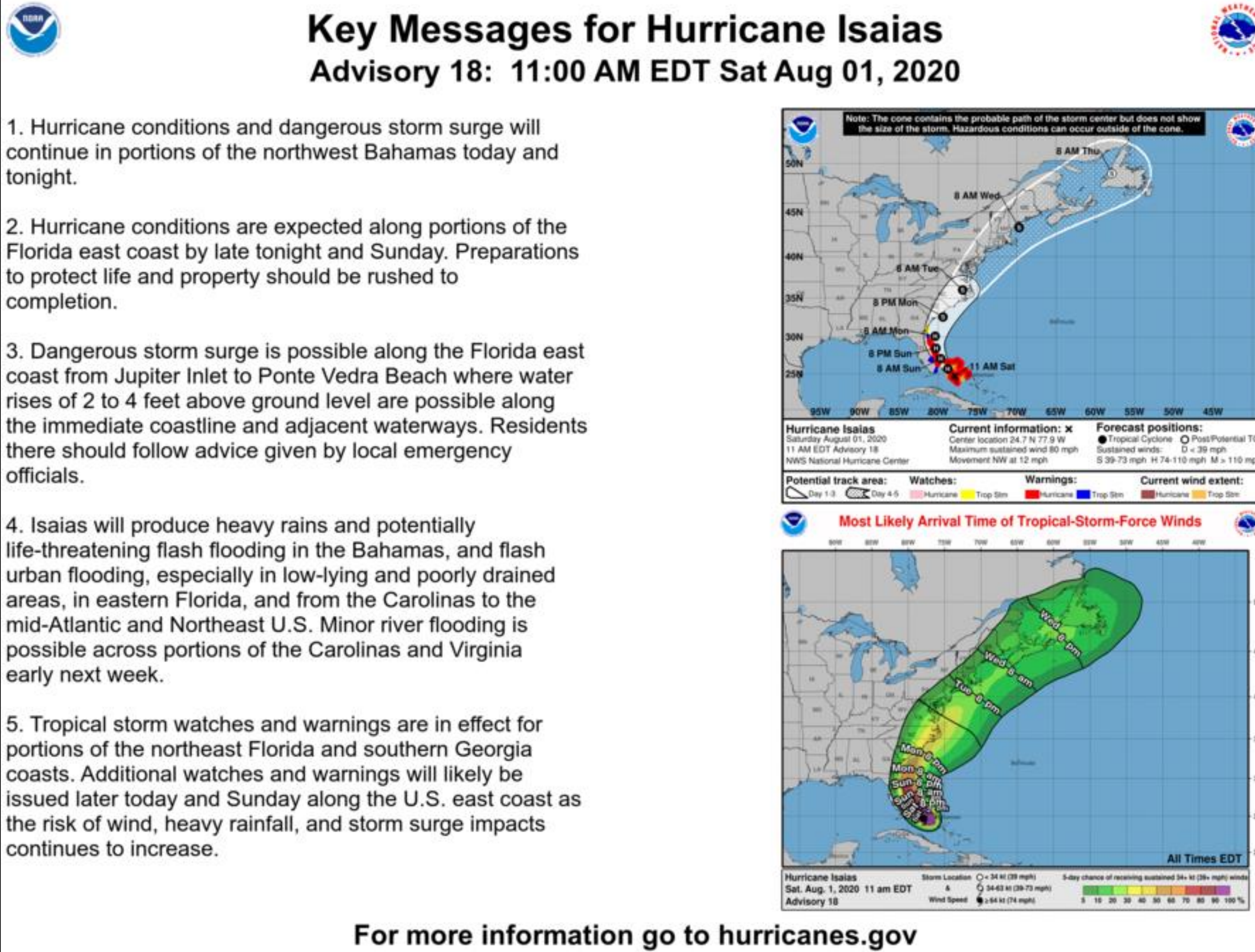
- Total rainfall in inches through Thursday.
- 2-4" with a maximum of 6"

Key Messages

Hurricane Isaias



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- **Marine Key Messages:**
- Peak seas currently near 20' with a large area of 12' seas northeast of the center
- Peak seas to build to near 30' by Monday offshore of NE Florida, Georgia, and South Carolina



HURRICANE ISAIAS BRIEFING

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

*The Next Briefing Will Be:
Sunday 9:00 AM EDT*

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



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