

IMPACTS FOR **USCG D7 SRR**

Winds – None

Storm Surge – None

Rainfall/Flash Flooding – None

Tornadoes – None

Waves - LOW

TROPICAL STORM ISAIAS BRIEFING

9:00 AM EDT

Tuesday, August 4, 2020

Prepared by:

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*Tropical Analysis and Forecast Branch
NWS National Hurricane Center*



NHC_TAFB

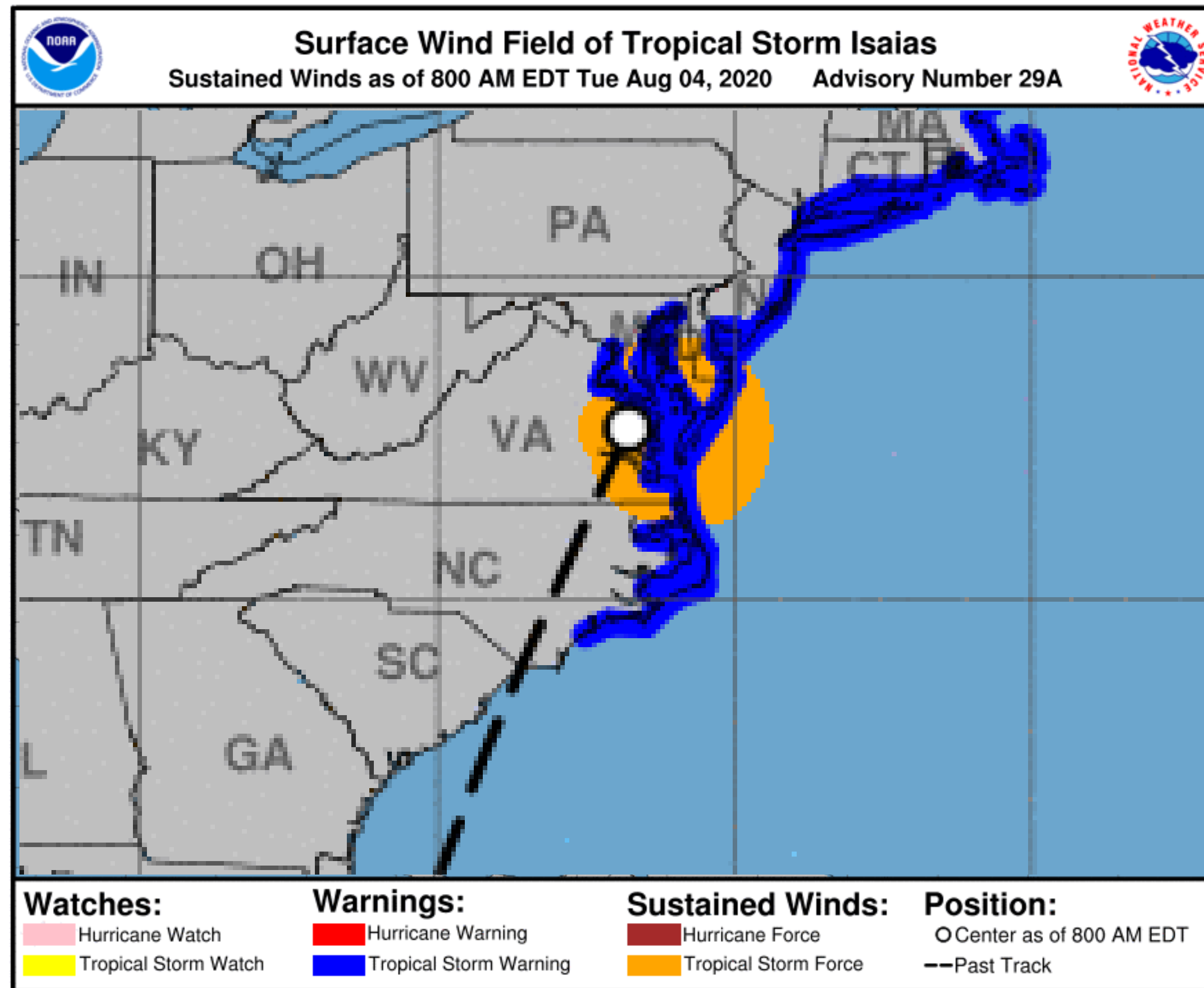
www.nhc.noaa.gov

Situation Overview

Tropical Storm Isaias



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...Center of Isaias is moving across Southeast Virginia...

...Hazards associated with Isaias will be confined to the Mid-Atlantic region...

Summary of 800 AM EDT Information

Location... 37.7N 76.8W

About 13 nm...SSE of Tappahannock, VA

Maximum Sustained Winds... 60 kt

Present Movement... NNE or 25 degrees at 29 kt

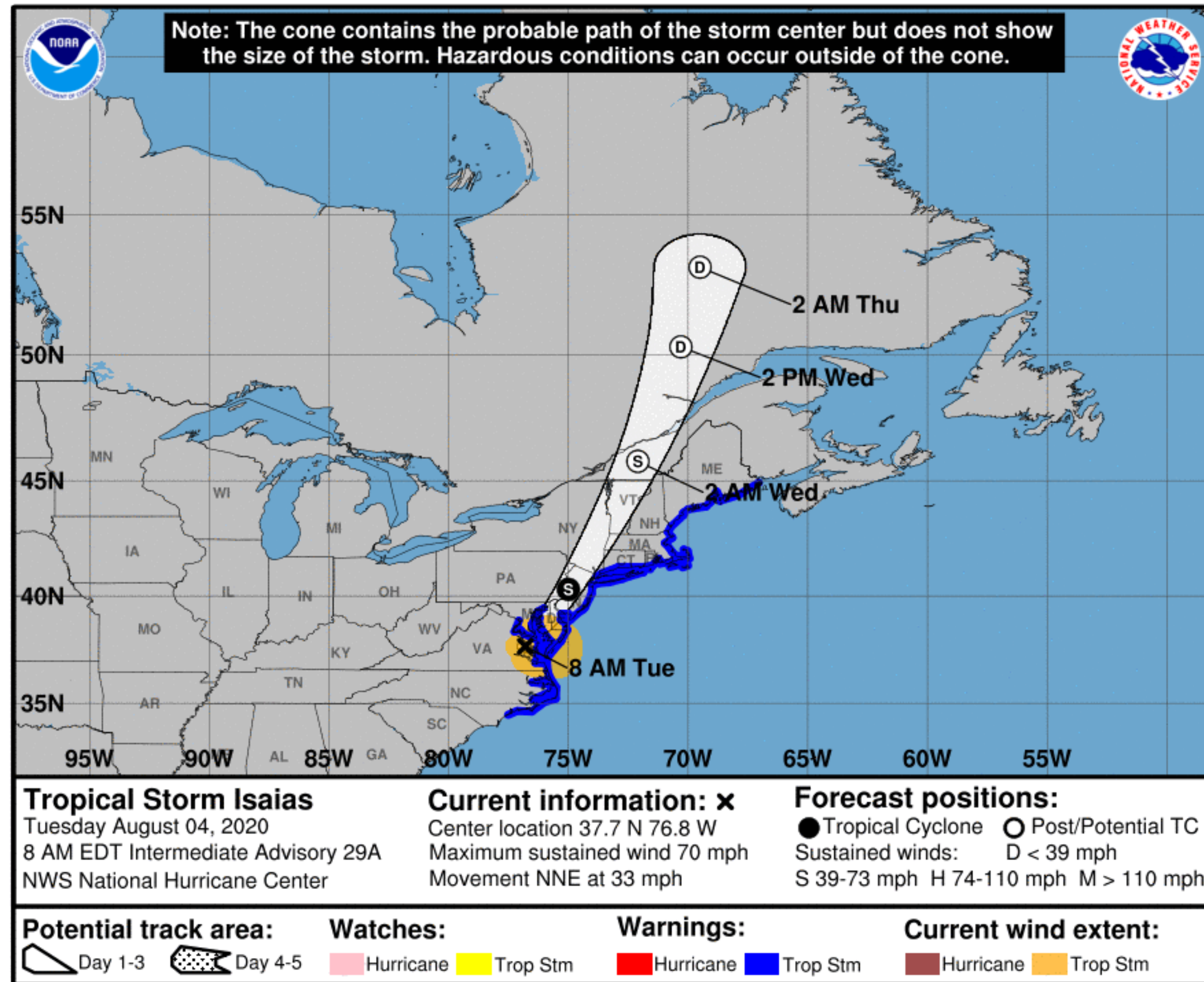
Minimum Central Pressure... 993 mb

Forecast Information

Tropical Storm Isaias

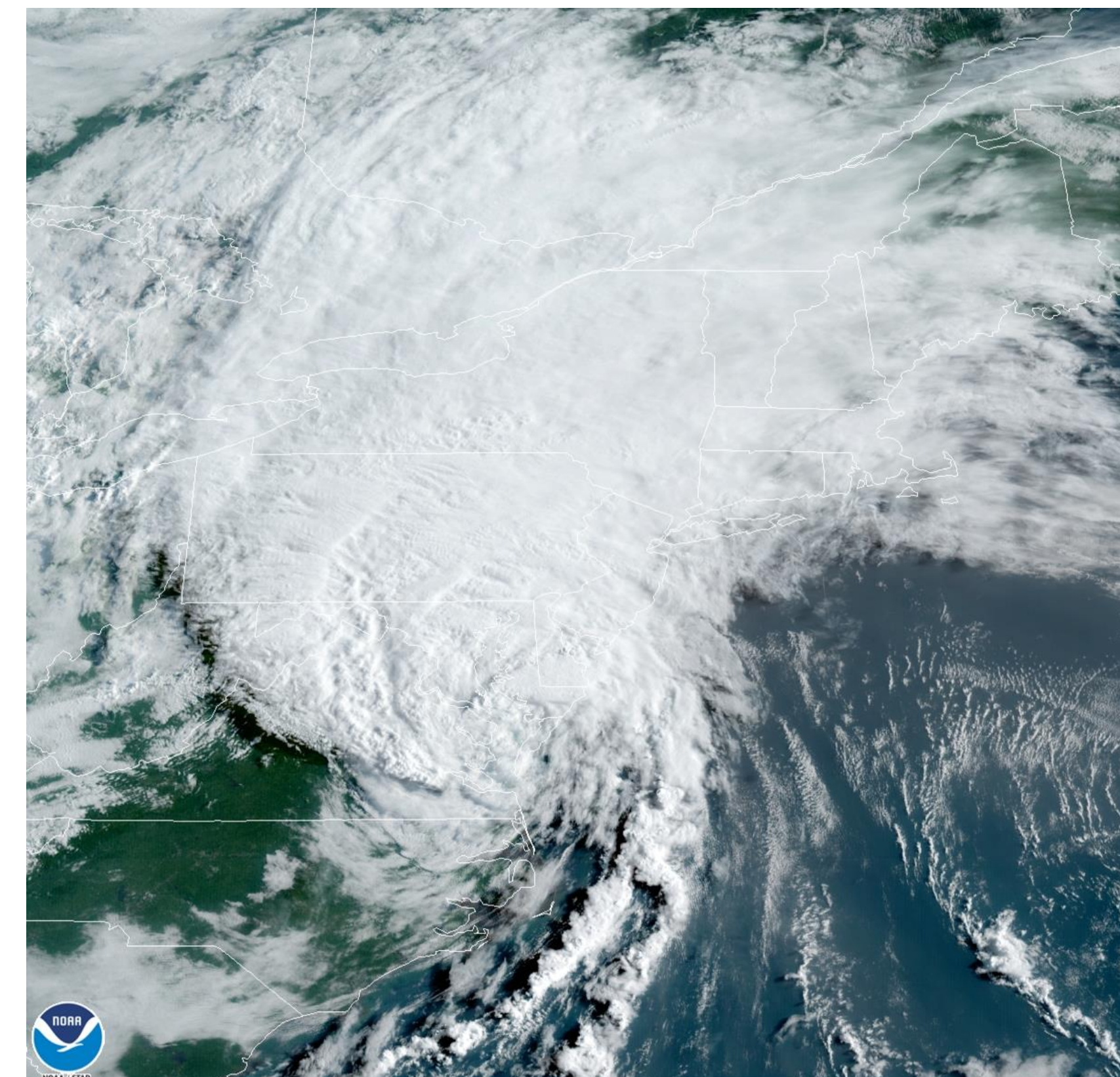


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NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

- The center of Isaias will continue moving across southeastern Virginia this morning and near or along the Mid-Atlantic coast today.



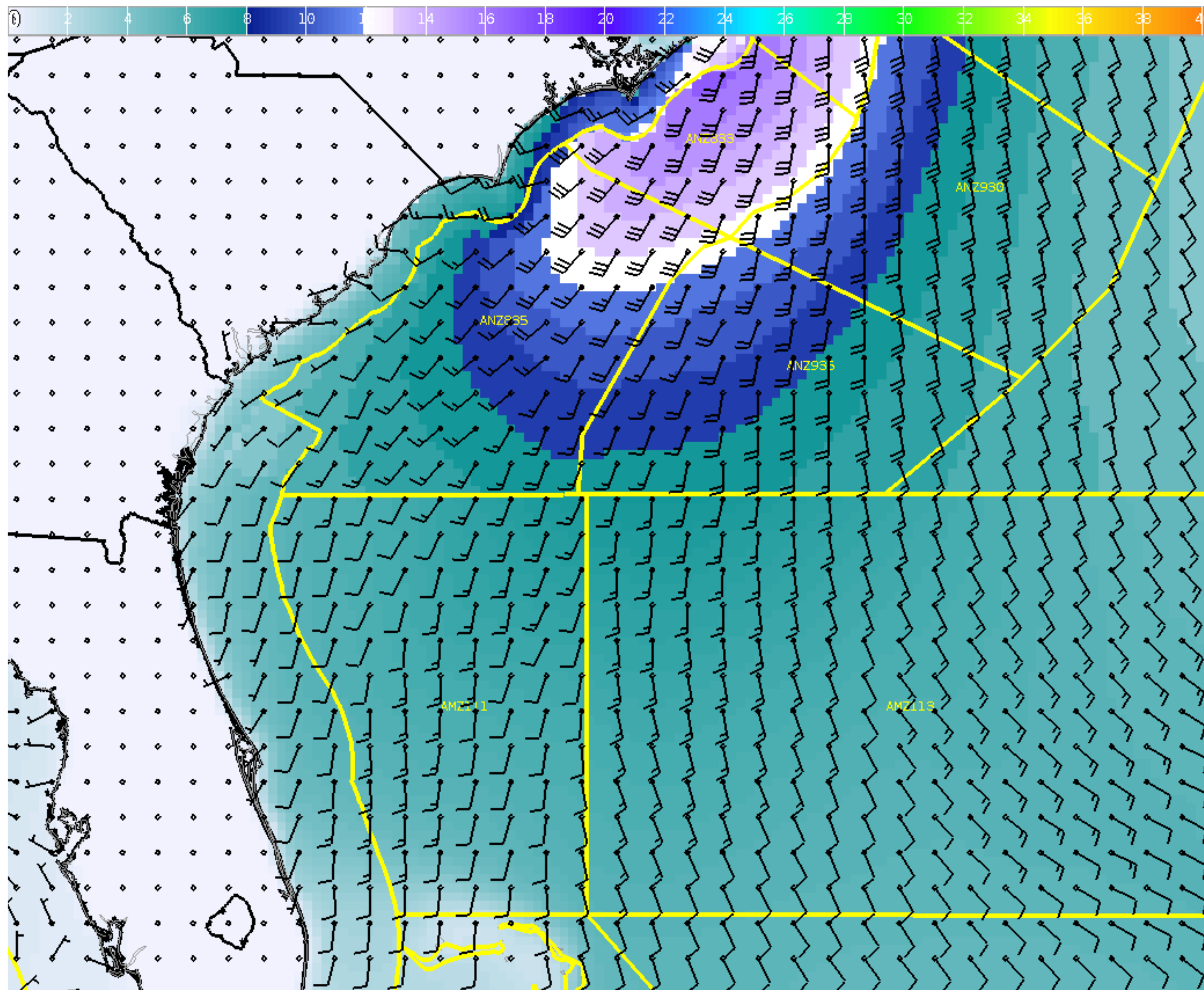
04 Aug 2020 12:01Z NOAA/NESDIS/STAR GOES-East GEOCOLOR

Wind And Waves

Tropical Storm Isaias



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Current Conditions

8am EDT, Tuesday, August 4, 2020

SC Offshore Winds: 20-30 kt

SC Offshore Seas: 9-14 ft

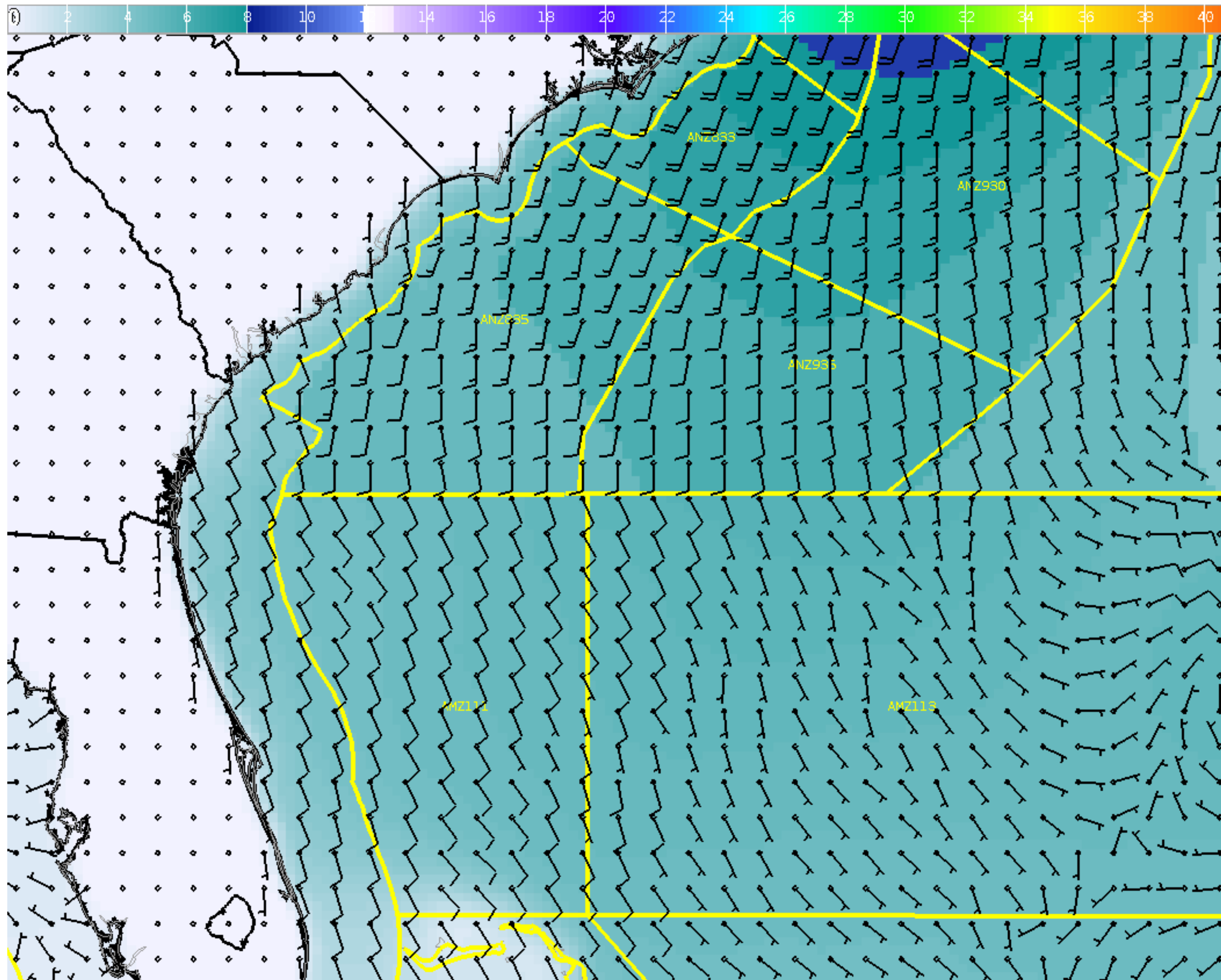
- Wave heights are in feet

Wind And Waves

Tropical Storm Isaias



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12 Hour Forecast

8pm EDT, Tuesday, August 4, 2020

SC Offshore Winds: 10-15 kt

SC Offshore Seas: 5-7 ft

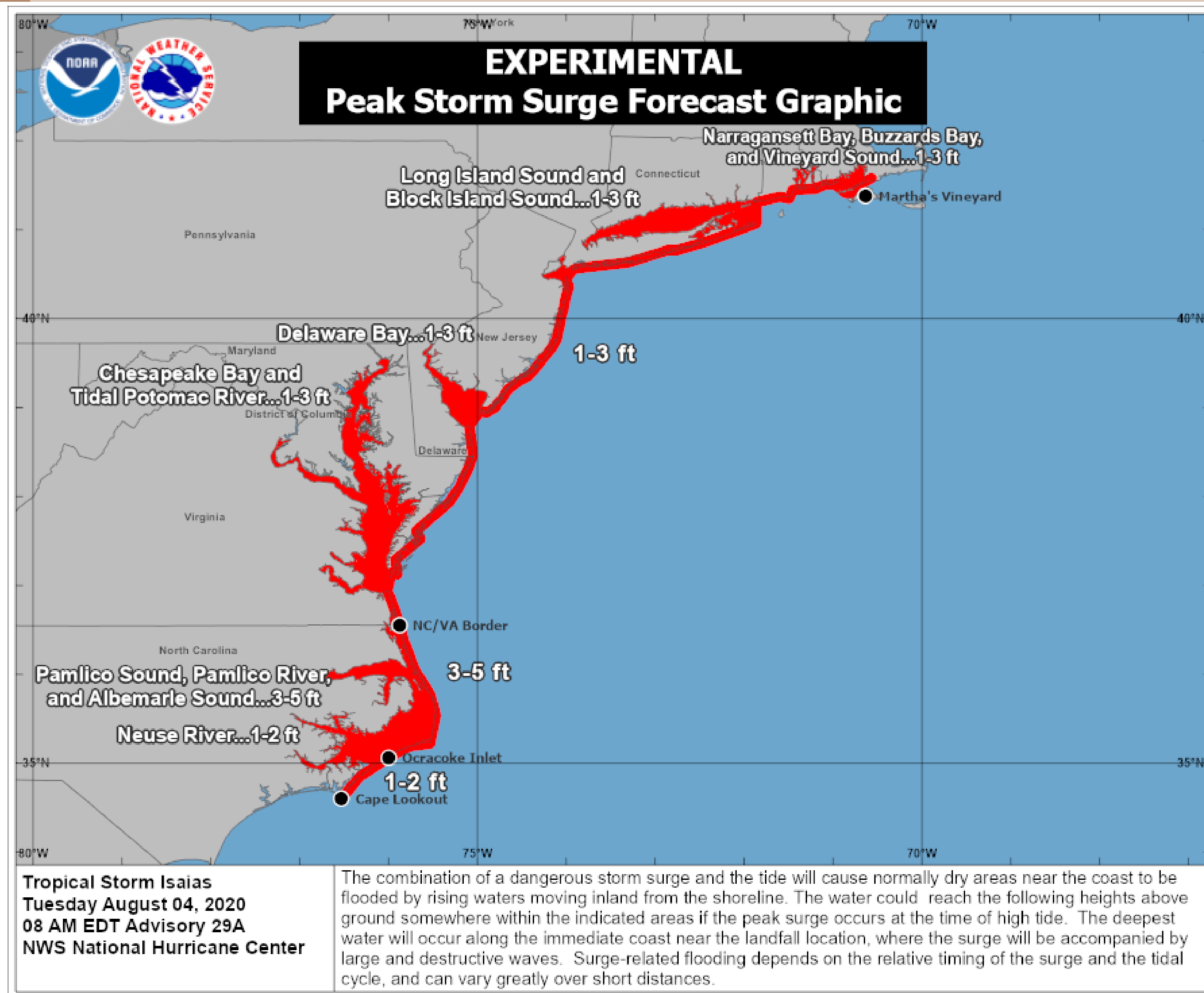
- Wave heights are in feet

Storm Surge Watches/Warnings

Tropical Storm Isaias



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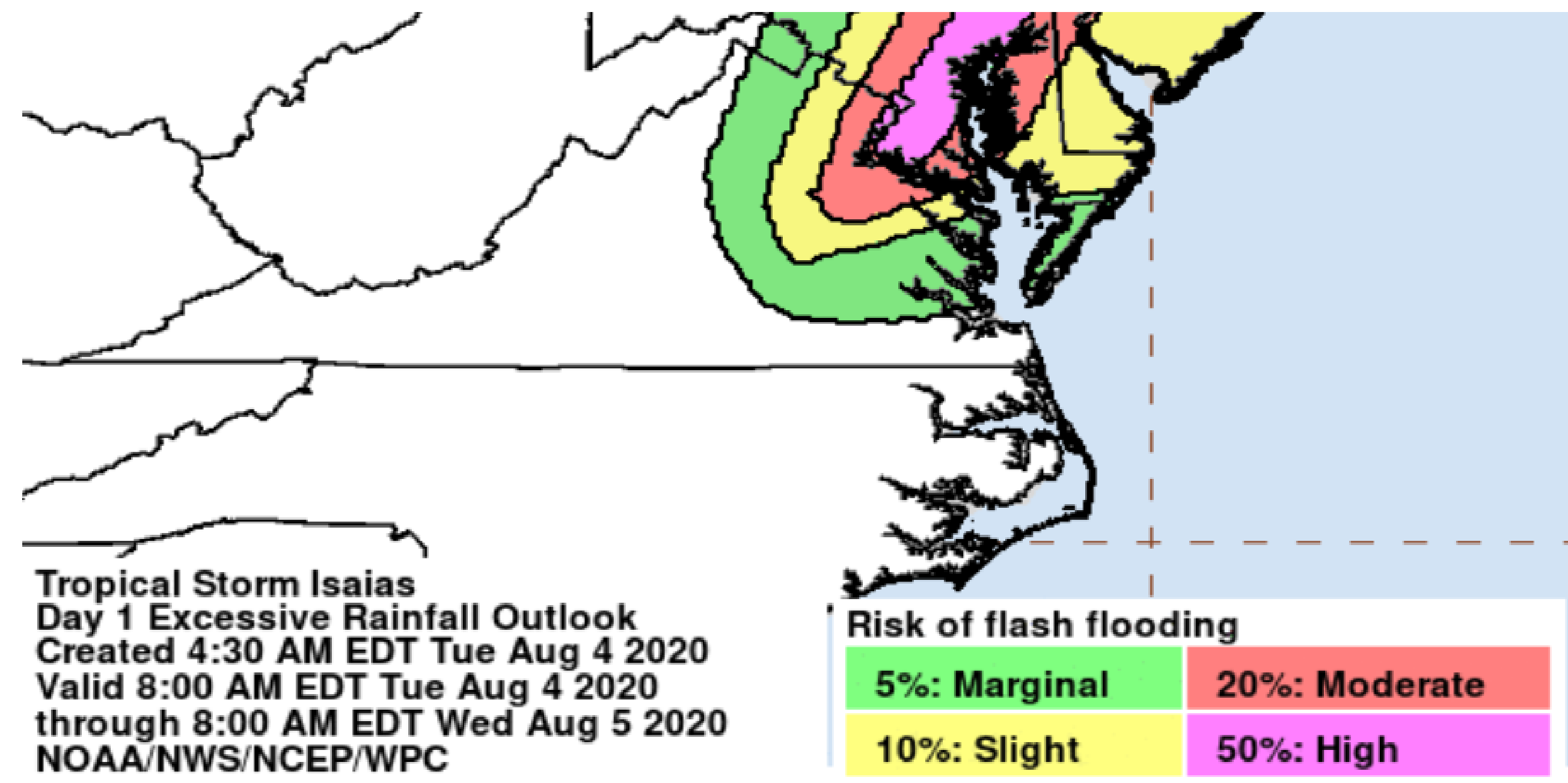
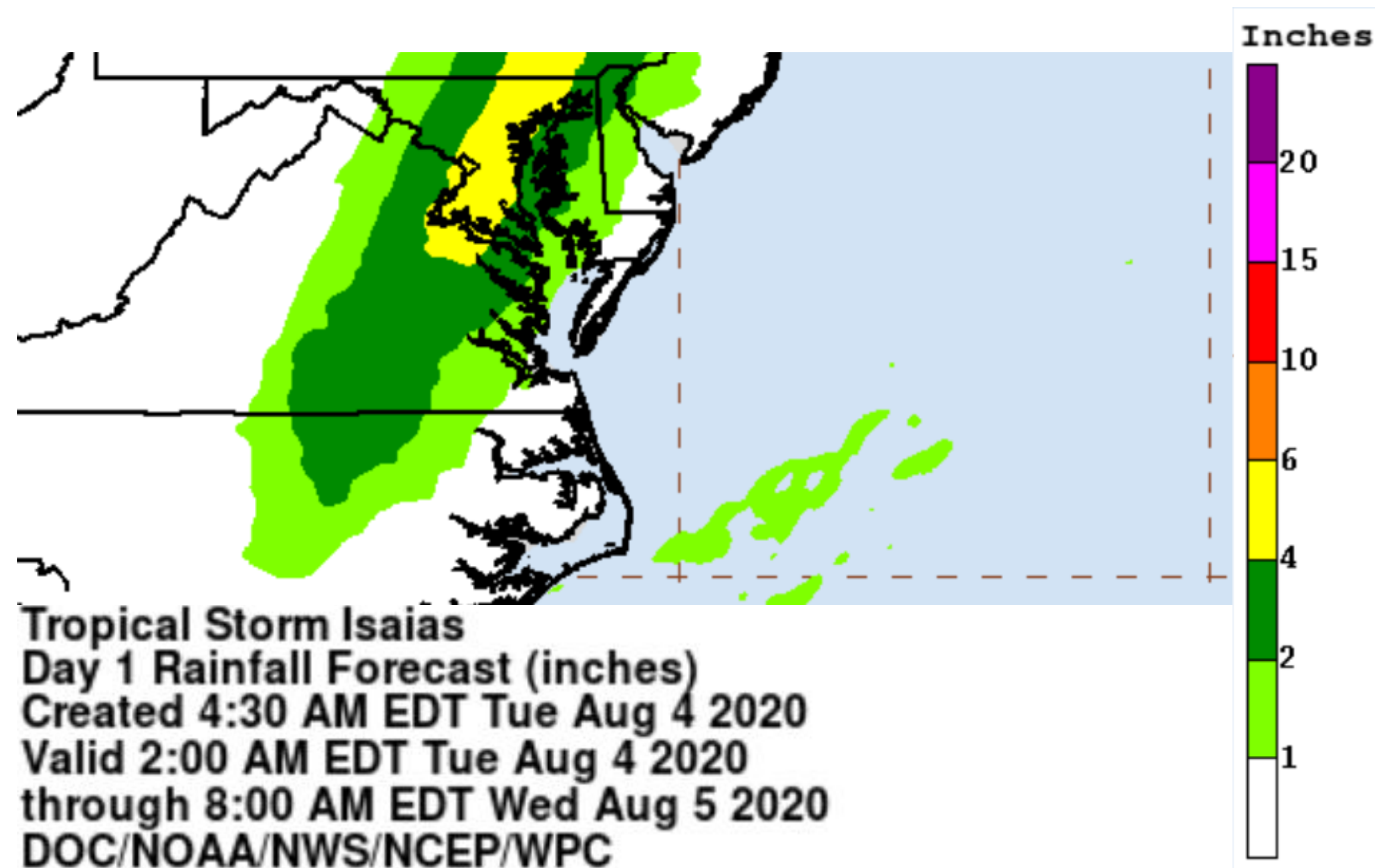
- **Storm surge warnings no longer in effect for D7 area.**

Expected Storm Total Rainfall

Tropical Storm Isaias



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- Rainfall has ended across South Carolina and will impact the Mid-Atlantic today



- Flash flood threat has ended across South Carolina

Key Messages

Tropical Storm Isaias




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NWS National Hurricane Center



Key Messages for Tropical Storm Isaias

Advisory 29: 5:00 AM EDT Tue Aug 04, 2020

1. There is the danger of life-threatening storm surge inundation along portions of the immediate coastline and adjacent waterways of the North Carolina coast, including portions of Pamlico and Albemarle Sounds. Residents in these areas should follow advice given by local emergency officials.
2. Isaias is expected to bring widespread sustained tropical storm force winds and wind gusts to hurricane force to the mid-Atlantic coast, including portions of the Chesapeake Bay region, through this afternoon, which could cause tree damage and power outages. Tropical storm conditions are expected to spread across New England tonight.
3. Heavy rainfall along the East Coast, near the path of Isaias, will result in flash flooding, some of which may be significant in North Carolina through the Mid-Atlantic and Northeast through tonight. Potentially life-threatening urban flooding is possible in D.C., Baltimore, and elsewhere along and just west of the I-95 corridor today. Widespread minor to moderate river flooding is likely across portions of the Carolinas and the Mid-Atlantic. Quick-responding rivers in Northeast will also be susceptible to minor river flooding.
4. Tornadoes have already occurred over portions of northeastern North Carolina and southeastern Virginia overnight. The threat of tornadoes will spread northward along the mid-Atlantic coast today and then across New England by tonight.



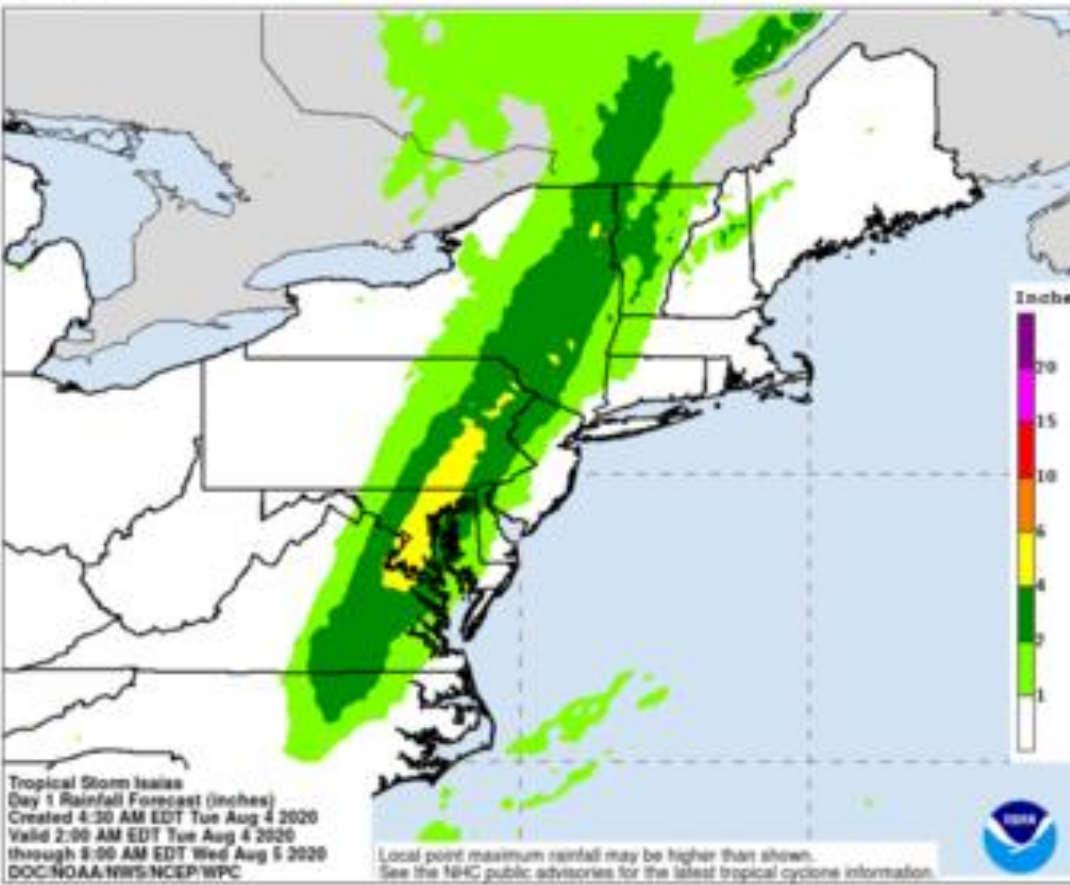
| Tropical Storm Isaias | Current information: x | Forecast positions: |
|--|--|--|
| Tuesday August 04, 2020 5 AM EDT Advisory 29 NWS National Hurricane Center | Center location 36.3 N 77.5 W Maximum sustained wind 70 mph Movement NNE at 28 mph | ● Tropical Cyclone ○ Post-Potential TC Sustained winds: D < 39 mph S 39-73 mph H 74-110 mph M > 110 mph |

Potential track area: Day 1-3 Day 4-5

Watches: Hurricane Trop Stm

Warnings: Hurricane Trop Stm

Current wind extent: Hurricane Trop Stm



Tropical Storm Isaias
Day 1 Rainfall Forecast (inches)
Created 4:30 AM EDT Tue Aug 4 2020
Valid 2:00 AM EDT Tue Aug 4 2020
through 8:00 AM EDT Wed Aug 5 2020
DOC: NOAA/NWS/NCEP/WWP

Local point maximum rainfall may be higher than shown.
See the NHC public advisories for the latest tropical cyclone information.

For more information go to hurricanes.gov

- Marine Key Messages:
 - Winds and seas will subside through tonight over the South Carolina offshore waters as Isaias races NE over the Mid-Atlantic and Northeast U.S.



TROPICAL STORM ISAIAS BRIEFING

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

This will be the final briefing on Tropical Storm Isaias.

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



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