



# TROPICAL STORM ISAIAS BRIEFING

5:00 AM ET

Tuesday, August 4, 2020

*Prepared by: WFO Boston/Norton, MA*

What has changed: Reduced rainfall totals. Greater potential for a few tornadoes.






*Disclaimer: The information contained within is time-sensitive. Do not use after 6:00pm EDT Tuesday.*

# Situation Overview

Tropical Storm Isaias



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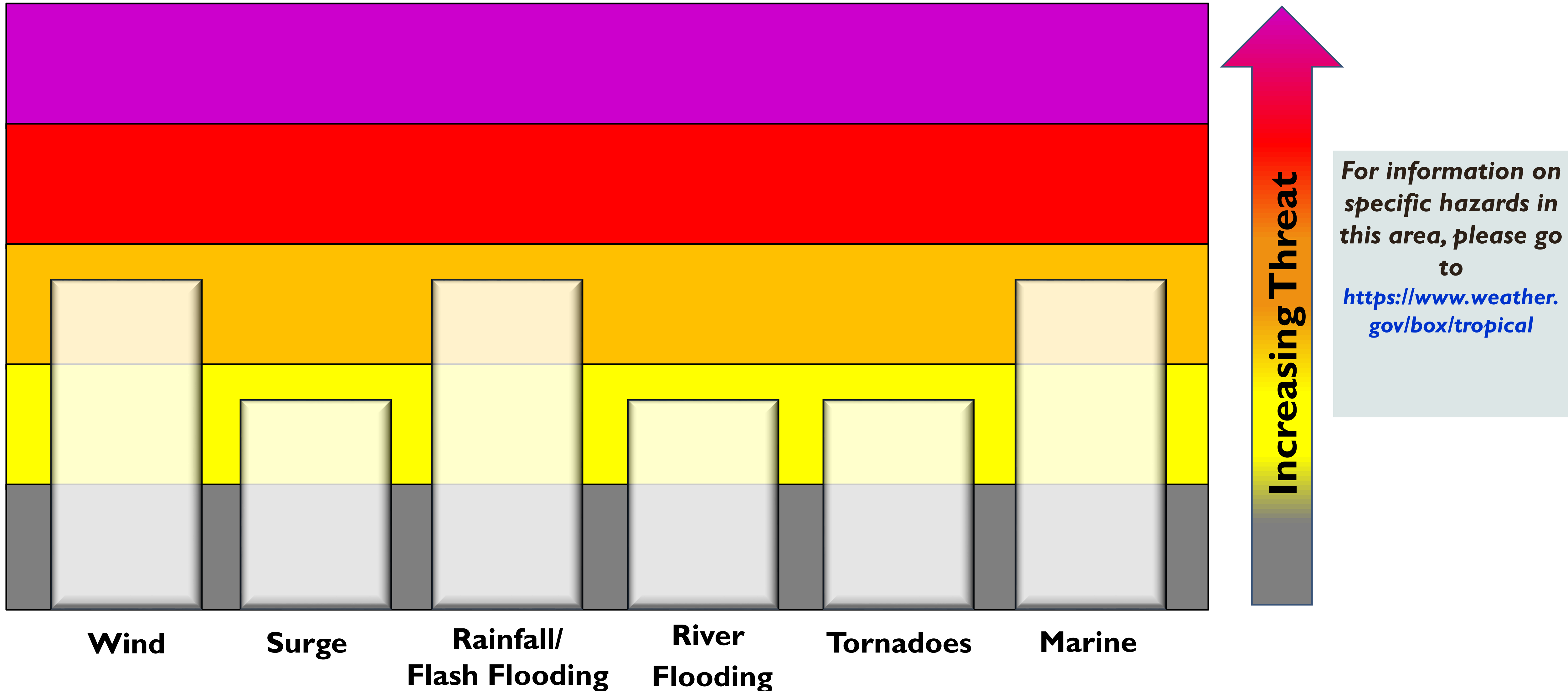
Hazard	Impacts	Location	Timing
Wind 	There is the potential for damaging winds.	All of southern New England.	This afternoon into early Wednesday
Storm Surge/ Inundation 	Minor coastal flooding. Locally 1 to 2 feet of inundation possible.	South coast.	This evening
Flooding Rain 	There is the potential for significant amounts of rainfall that could lead to flash flooding	Western Massachusetts and western Connecticut, especially The Berkshires.	Today into Wednesday morning
Tornado 	There is a potential for a few tornadoes.	All of southern New England, especially the CT River Valley.	This afternoon and evening
Marine 	There is the potential for dangerous conditions. High rip current risk on the south coast.	All coastal and nearshore waters.	Today and Wednesday

# Threat Levels

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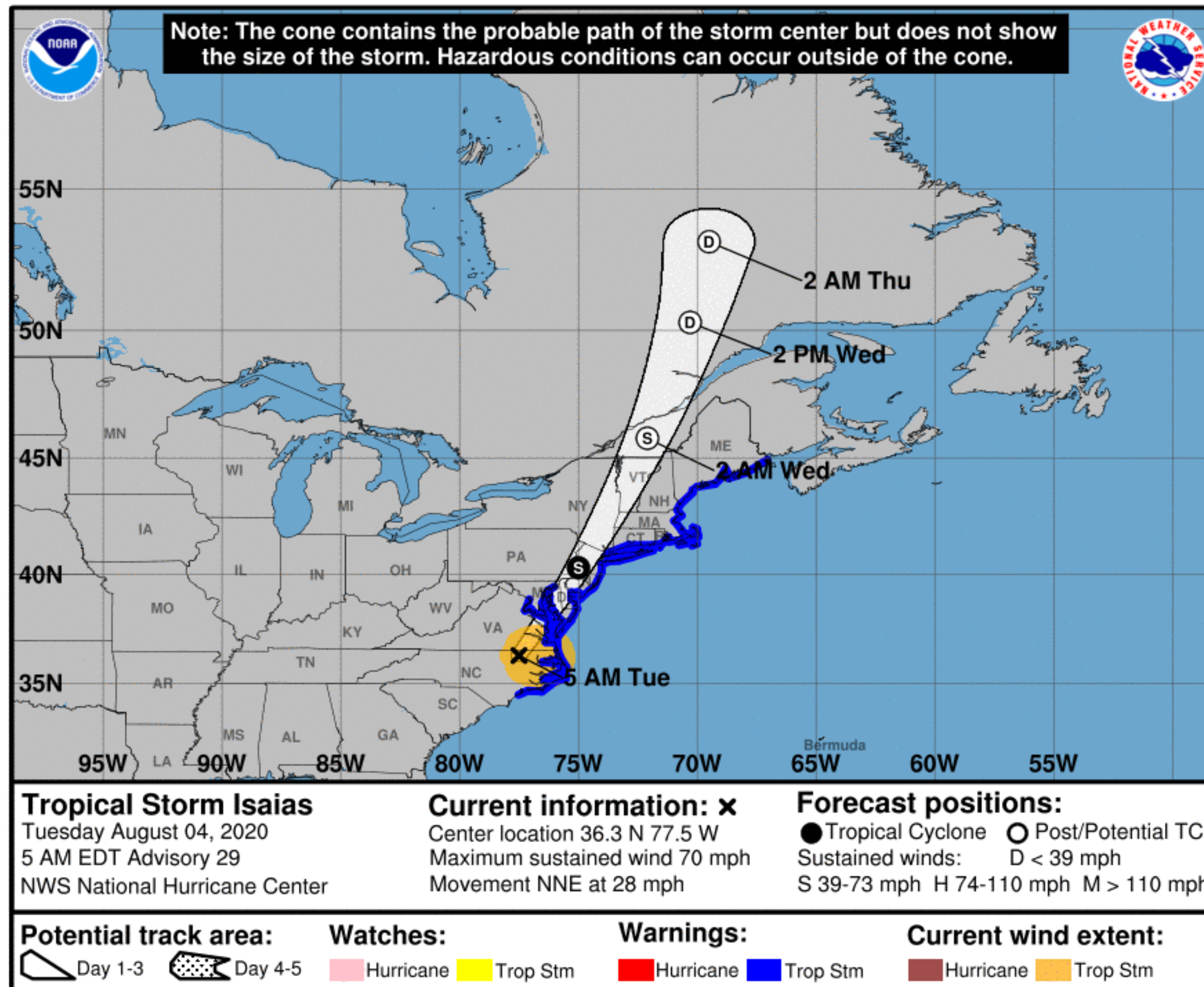


# Situation Overview

## Tropical Storm Isaias



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## New Information

- Reduced rainfall totals. Greater potential for a few tornadoes.

## Concerns

- Strong winds, sustained 25-35 mph with gusts 40-50 mph. Low risk of 60 mph gusts. Could lead to downed trees and power outages
- Heavy rain, 1-3" totals with localized 4" in Western MA and Northern CT, especially over the Berkshires.
- Potential for a few tornadoes, especially Western MA and Northern CT.
- Dangerous rip currents and minor coastal flooding, especially for South-facing beaches.

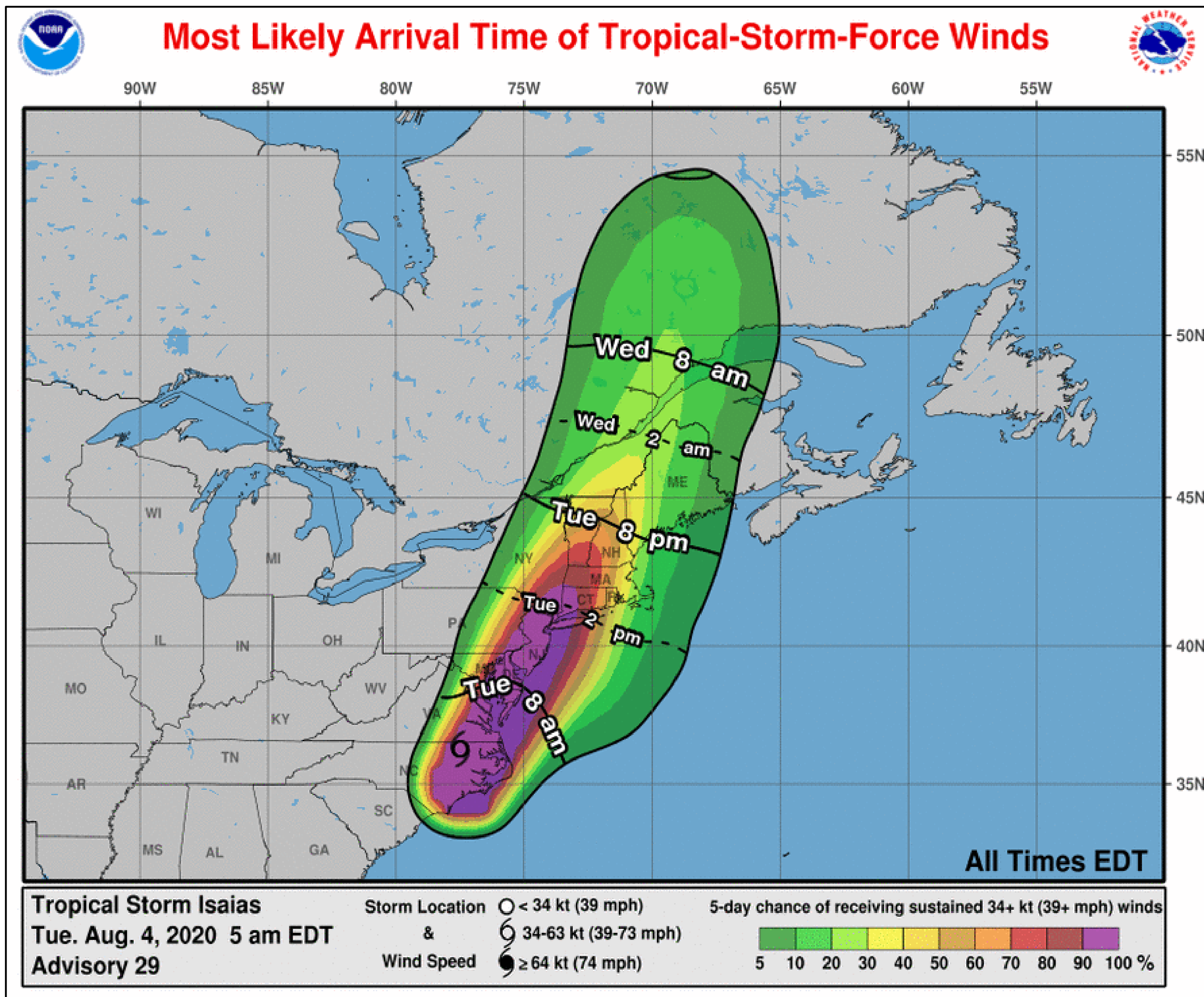
**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

# Most Likely Time of Arrival

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- The most likely time that tropical storm force winds begin is around late-afternoon today.
- However, our area could see Tropical Storm Force Winds as early as early-afternoon.



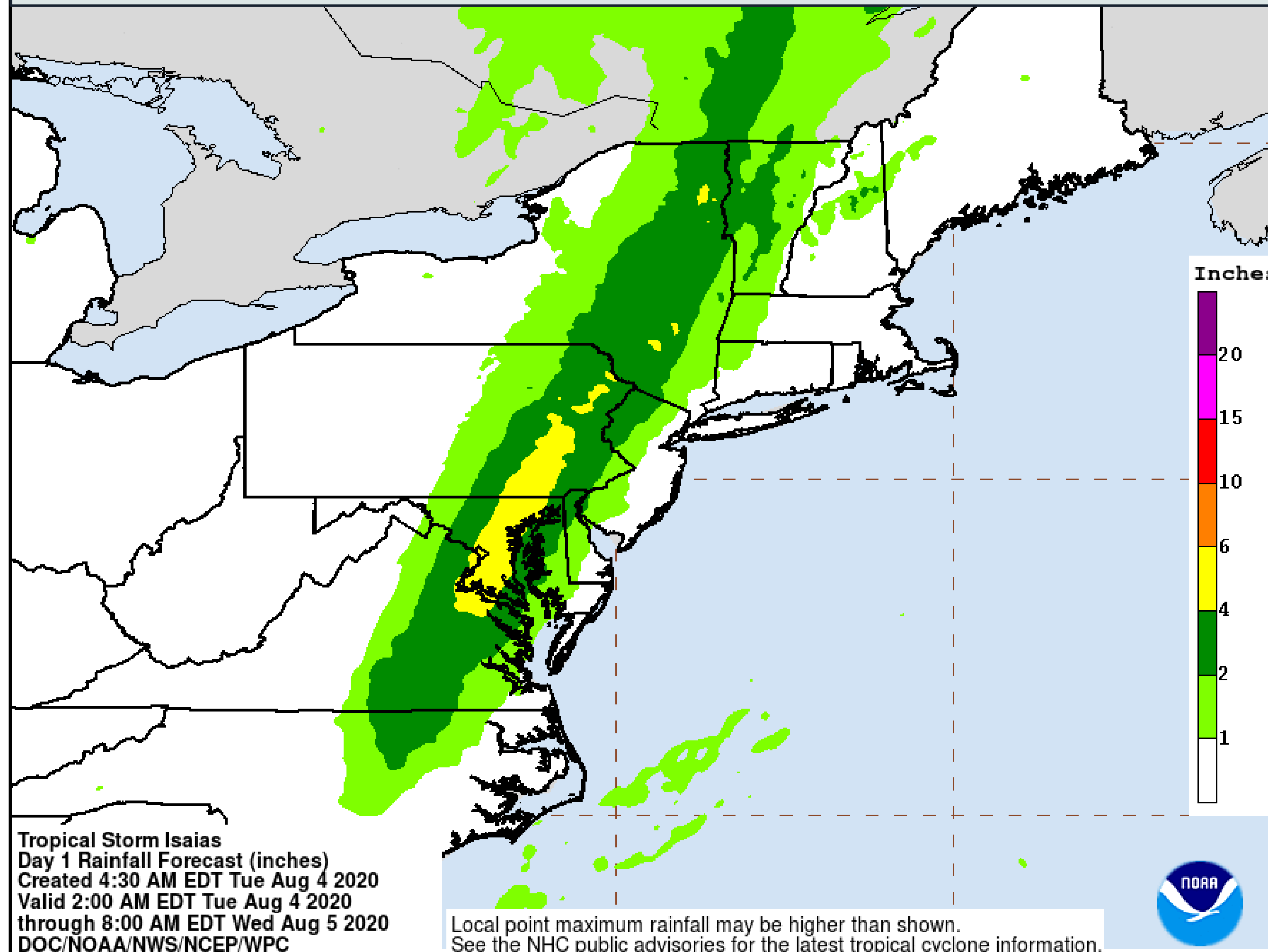
# Expected Storm Total Rainfall

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**Note:** There will likely be locally higher amounts



- Storm Total rainfall forecast through tonight.
- Locally, most rain will occur in western MA and western CT, especially The Berkshires.

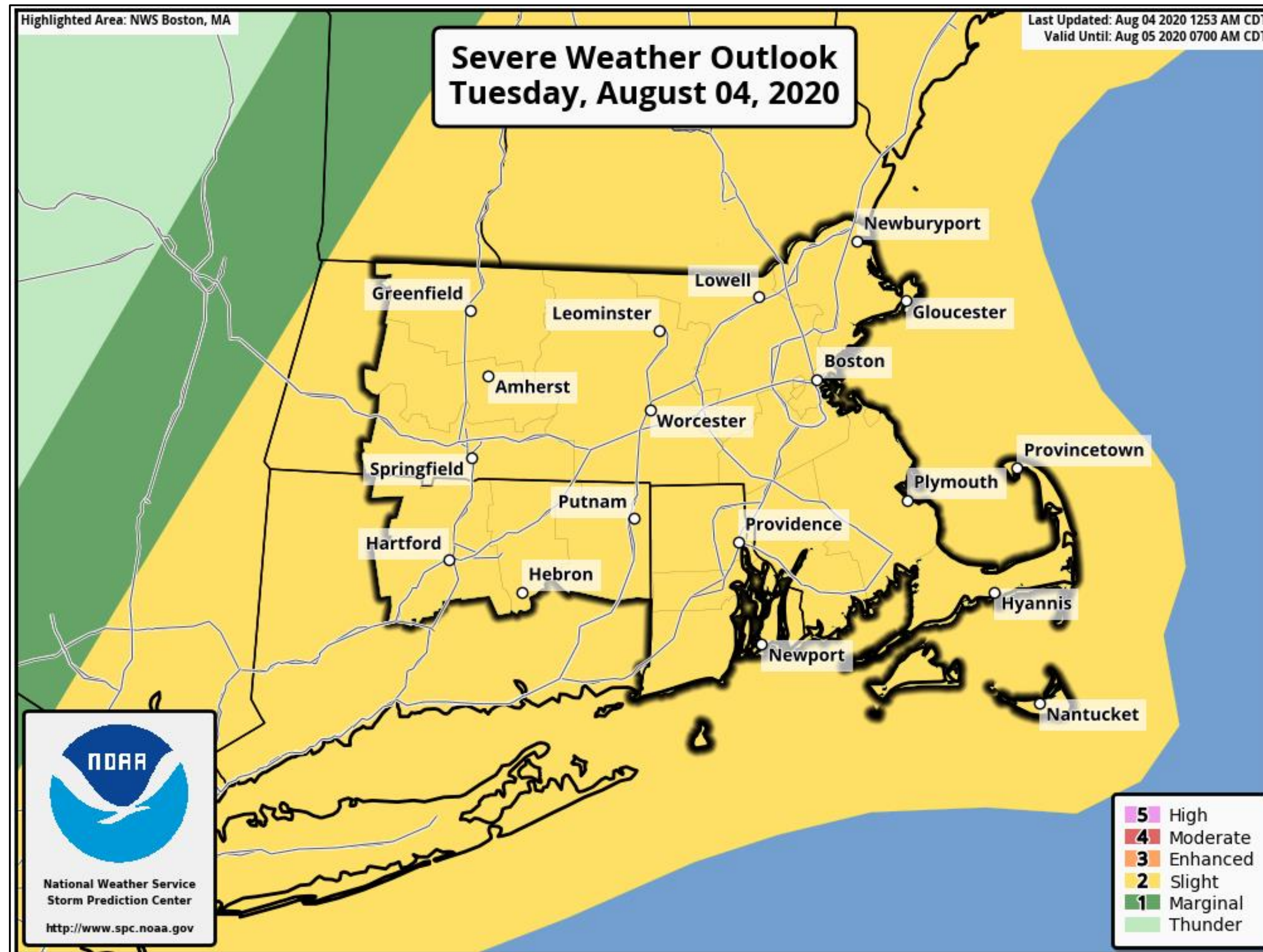


# Tornado Potential

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- Main threat of tornadoes would be this afternoon and evening, especially near the CT River Valley.



# Key Take-Aways

Tropical Storm Isaias



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- ✓ Confidence is HIGH that the event will occur
- ✓ Confidence is MODERATE regarding impacts



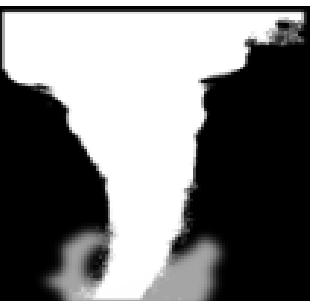
Strong wind gusts expected, especially over western/central Massachusetts and northern Connecticut



Minor Storm Surge flooding with 1 to 2 feet of inundation along south coastal Massachusetts and Rhode Island



Rainfall flooding possible, mainly across western Massachusetts and western Connecticut



A few tornadoes possible this afternoon and evening



Dangerous marine conditions expected across the coastal waters. Increased risk of rip currents  
Tuesday and Wednesday





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