

# TROPICAL STORM ISAIAS BRIEFING

11:00 AM ET

Tuesday, August 4, 2020

*Prepared by: WFO Boston/Norton, MA*

What has changed: Tornado threat increased to moderate.






*Disclaimer: The information contained within is time-sensitive. Do not use after 8:00pm EDT Tuesday.*

# Situation Overview

Tropical Storm Isaias



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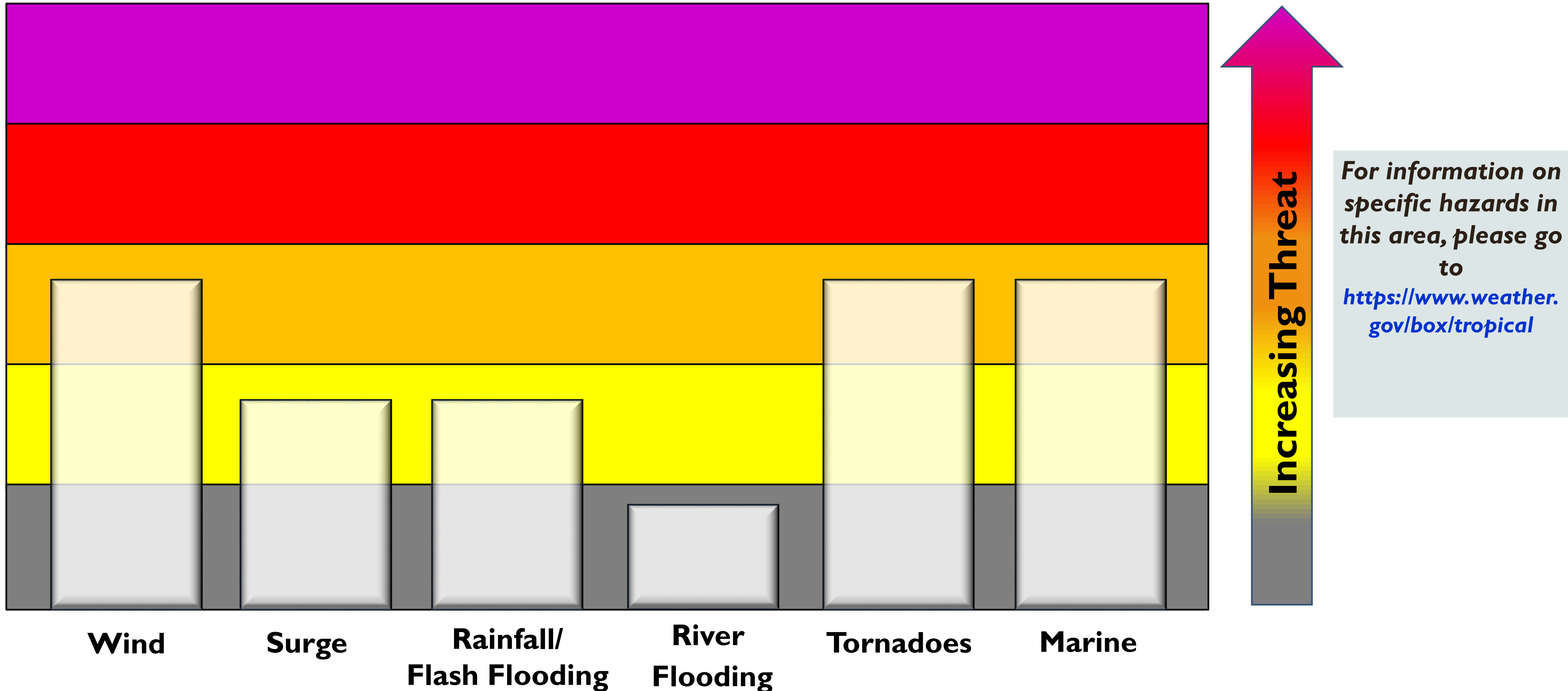
Hazard	Impacts	Location	Timing
Wind 	There is the potential for damaging winds.	All of southern New England.	This afternoon into early Wednesday
Storm Surge/ Inundation 	Minor coastal flooding. Locally 1 to 2 feet of inundation possible.	South coast.	This evening
Flooding Rain 	There is the potential for heavy rainfall that could lead to flash flooding	Western Massachusetts and western Connecticut, especially The Berkshires.	This afternoon and tonight
Tornado 	There is a threat for a few tornadoes.	All of southern New England.	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

Tropical Storm Isaias



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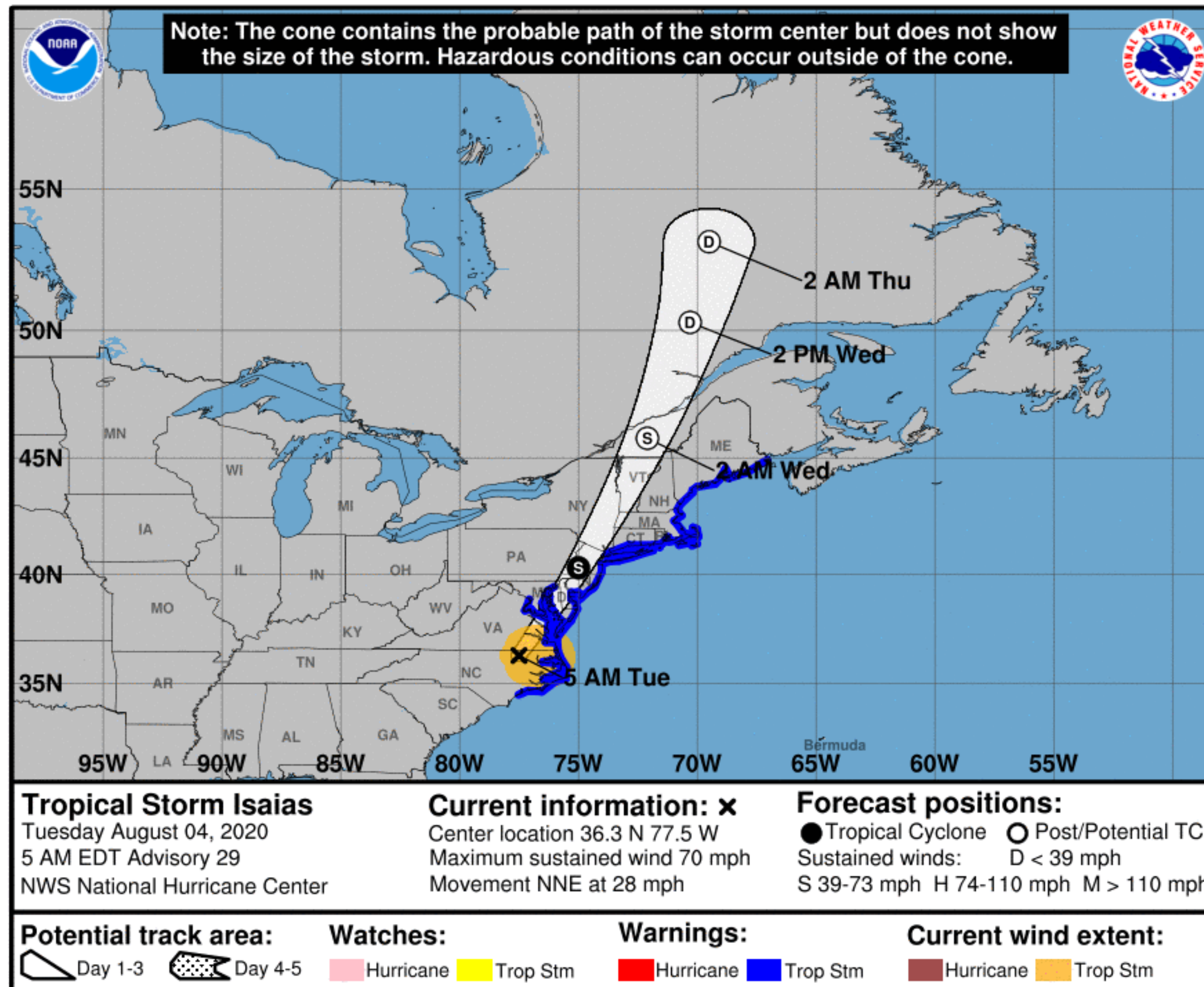


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## Tropical Storm Isaias



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## New Information

- Increased threat for a few tornadoes this afternoon and evening.

## 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" possible in Western MA and Northern CT, especially over the Berkshires.
- Threat for a few tornadoes across southern New England.
- Dangerous rip currents and minor coastal flooding, especially for South-facing beaches.

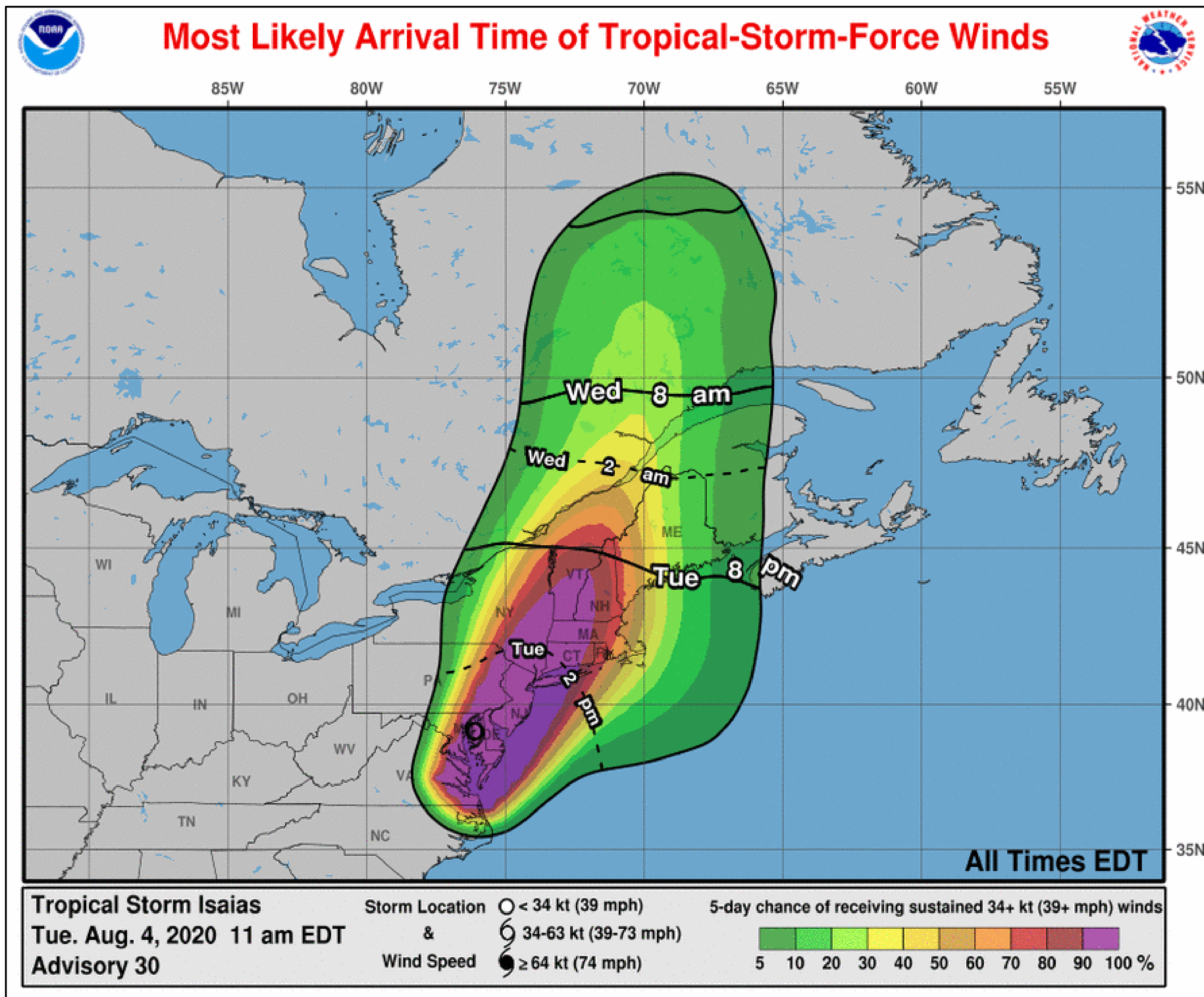
**NOTE:** Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

# Most Likely Time of Arrival

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- The most likely time that tropical storm force winds begin is mid to late-afternoon today.

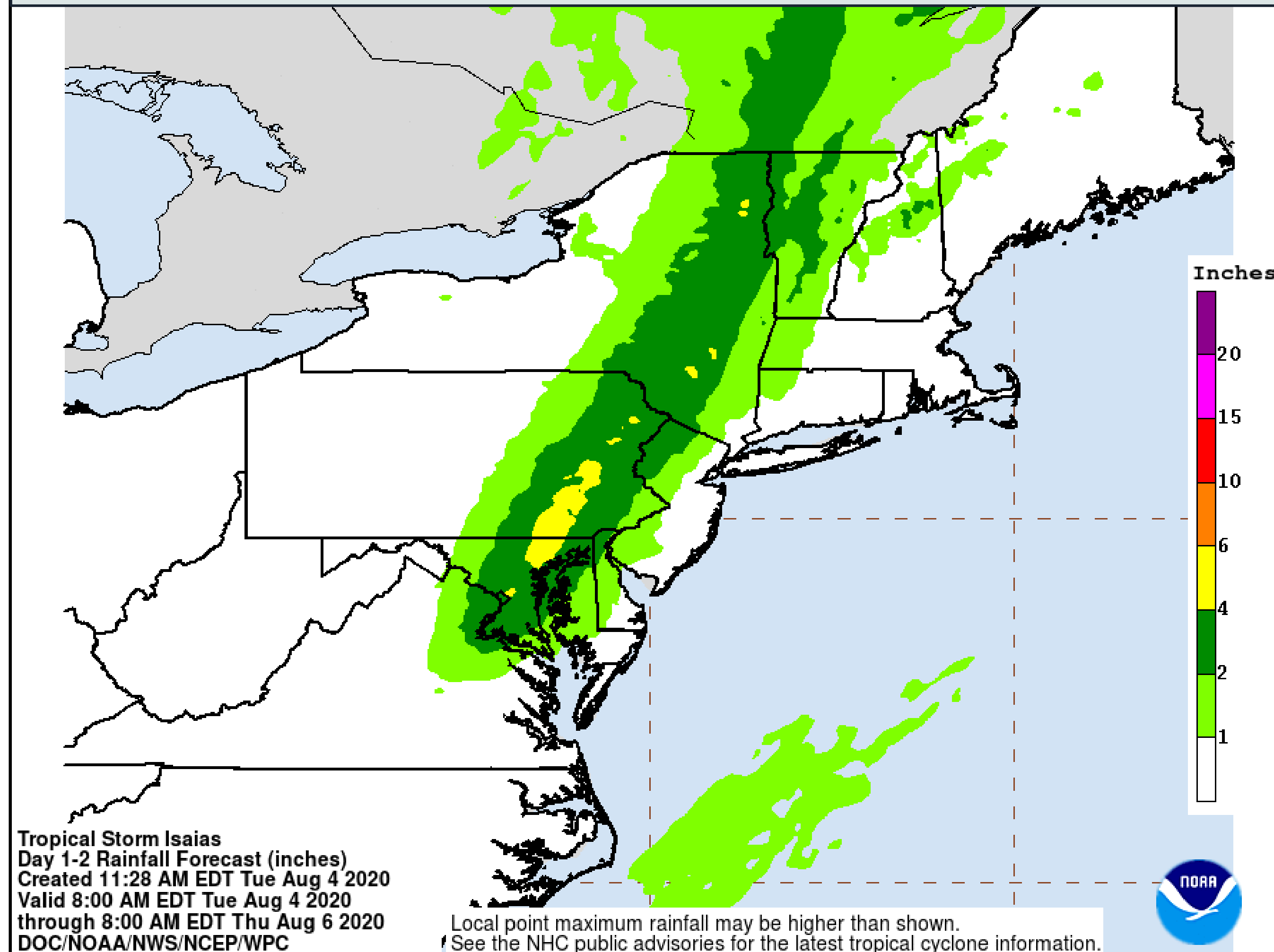
# Expected Storm Total Rainfall

Tropical Storm Isaias



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



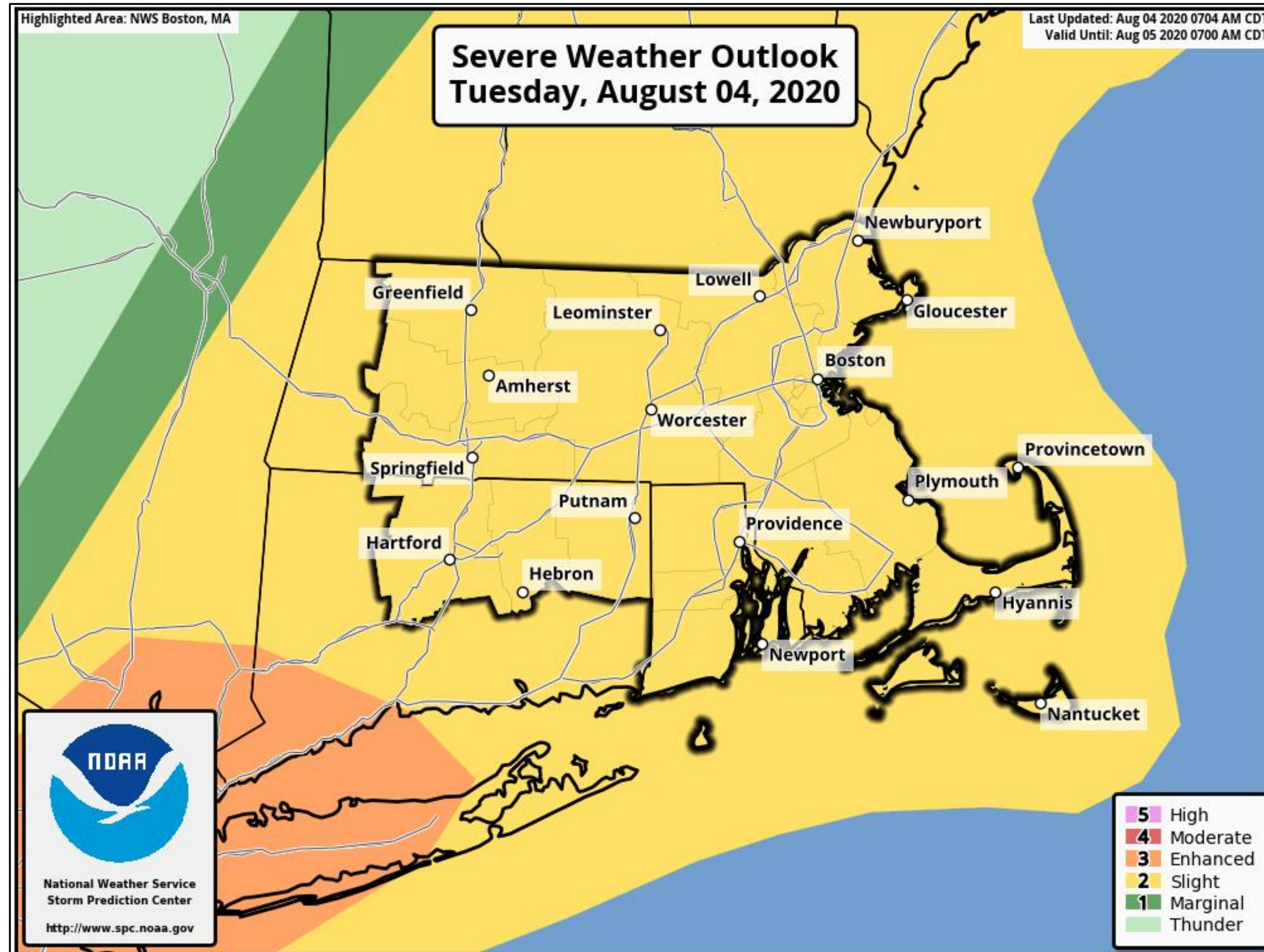
- Storm Total rainfall forecast valid Tuesday Morning through Wednesday Night.
- Locally, most rain will occur this afternoon and evening, in western MA and western CT- especially the Berkshires.

# Tornado Potential

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- Main threat of tornadoes will be during this afternoon and evening, across southern New England.

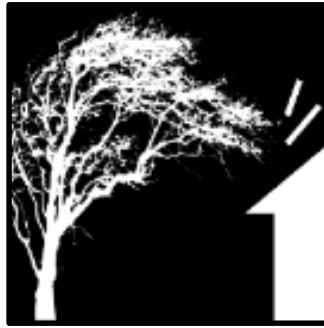
# Key Take-Aways

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



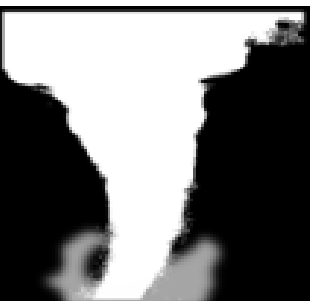
Strong wind gusts expected, especially over western/central Massachusetts and northern Connecticut



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



Threat for a few tornadoes during this afternoon and evening



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



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