



# TROPICAL STORM ISAIAS BRIEFING

11:00 AM ET

Monday, August 3, 2020

*Prepared by: WFO Boston/Norton, MA*

What has changed: Tropical Storm Warning issued for all of southern New England and coastal waters.






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

# Situation Overview

Tropical Storm Isaias



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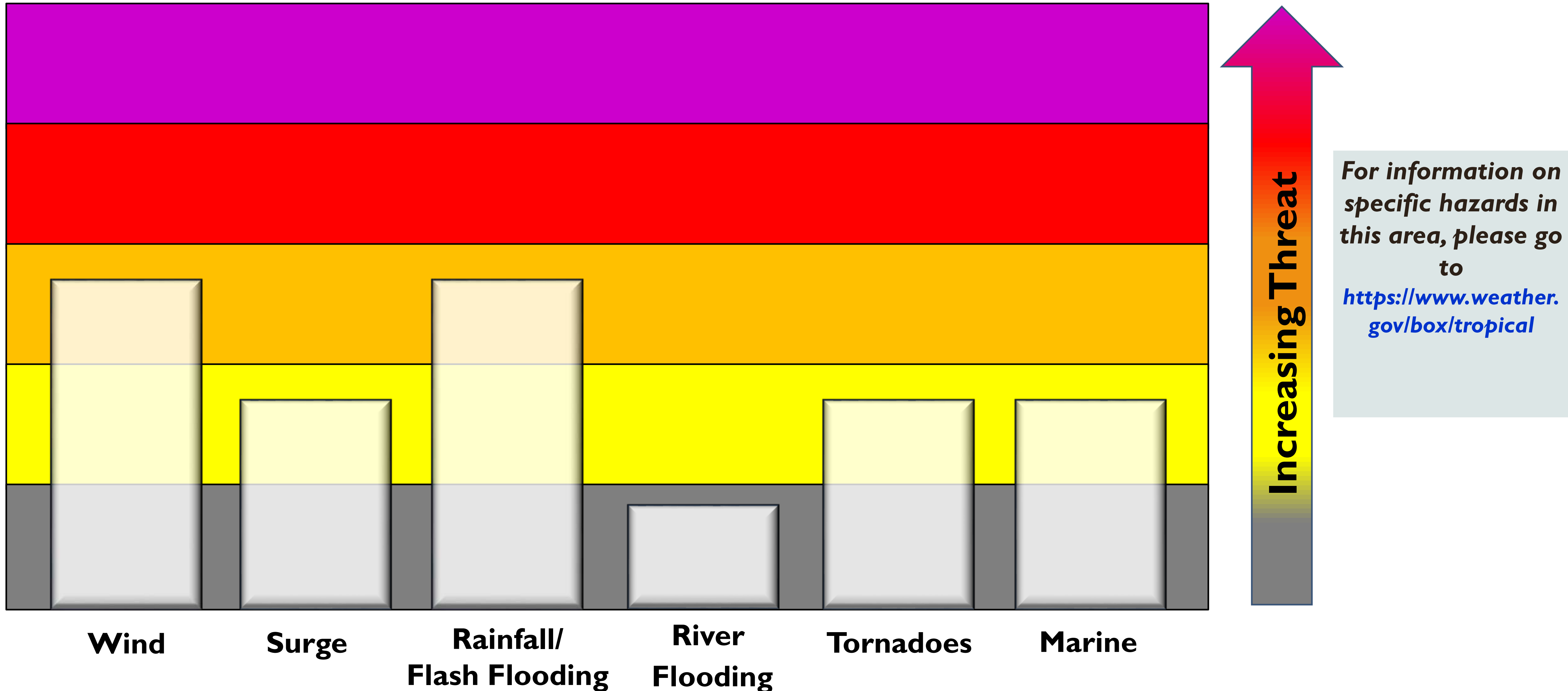
Hazard	Impacts	Location	Timing
Wind 	There is the potential for damaging winds.	All of southern New England	Tuesday afternoon into early Wednesday
Storm Surge/ Inundation 	Minor coastal flooding. Locally 1 to 2 feet of inundation possible.	South coast	Tuesday evening
Flooding Rain 	There is the potential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

# Threat Levels

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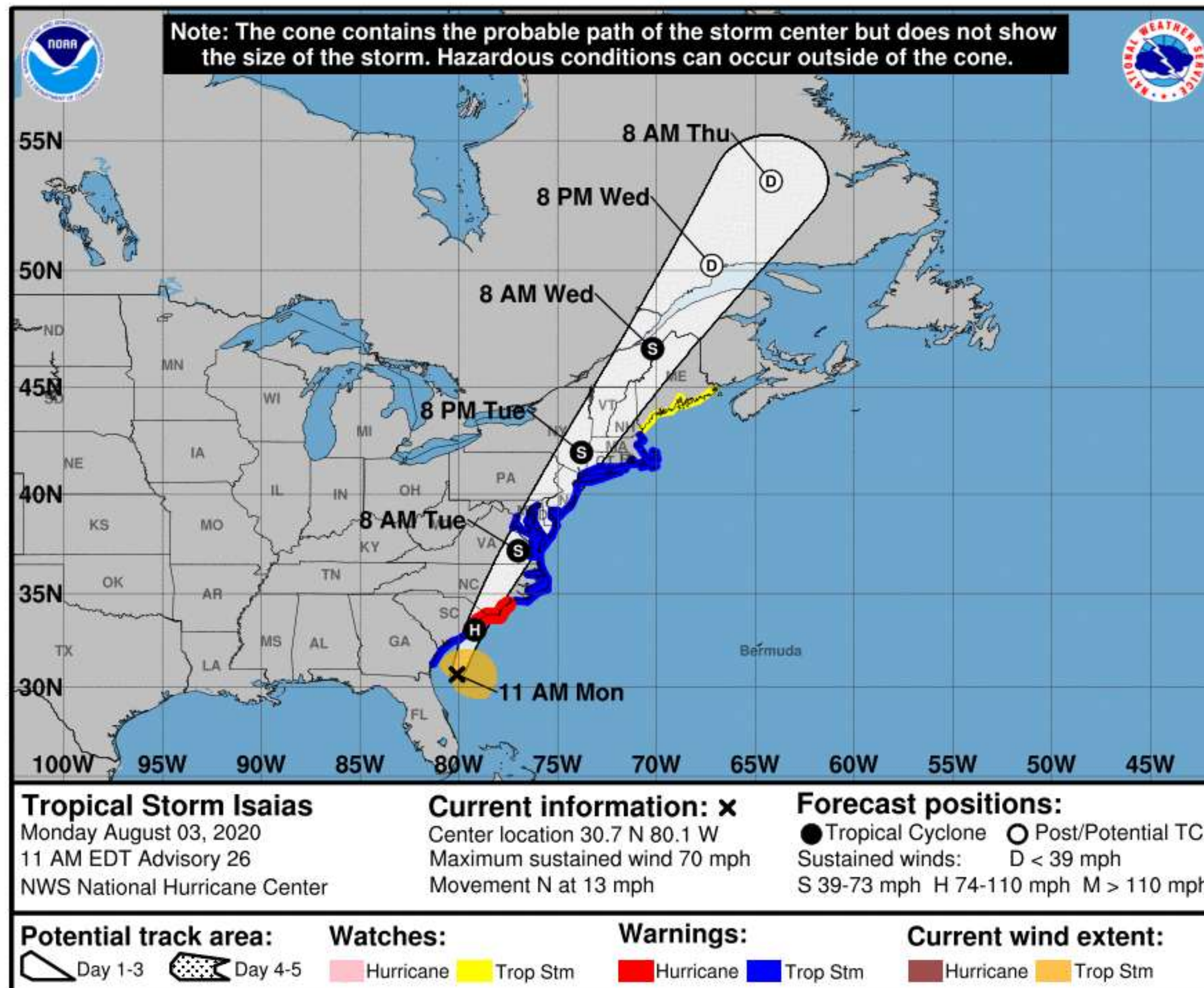


# Situation Overview

## Tropical Storm Isaias



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## New Information

- Tropical Storm Warning issued for all of southern New England and coastal waters

## Concerns

- Potential for 3-4" heavy rain with localized 6" in Western MA and Northern CT, especially over the Berkshires
- 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
- 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.

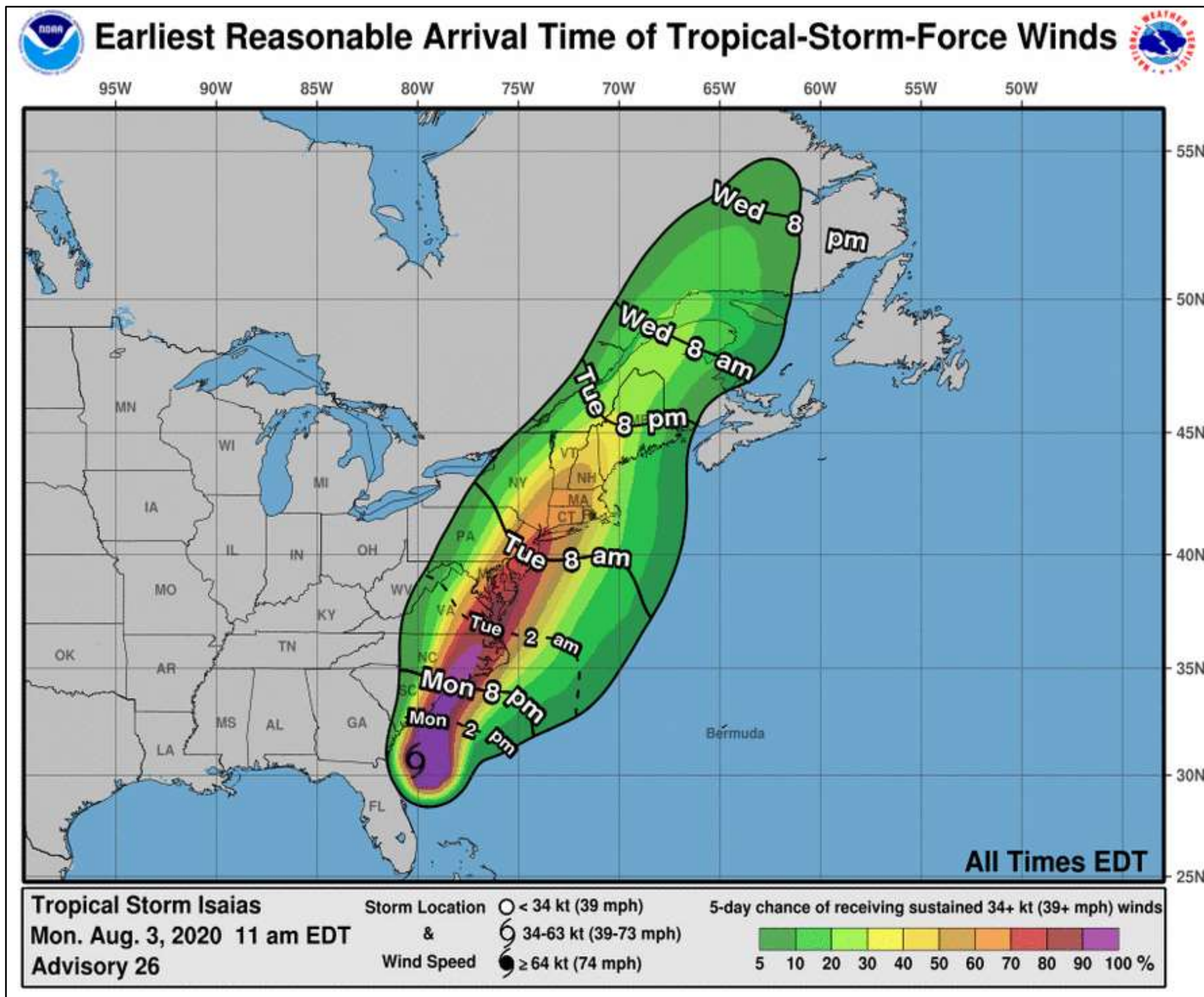


# Earliest Reasonable Time of Arrival

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- The earliest reasonable time of arrival of Tropical Storm Force Winds for southern New England is midday Tuesday.
- However, the most likely time this area could begin to see Tropical Storm Force Winds is Tuesday afternoon/evening.



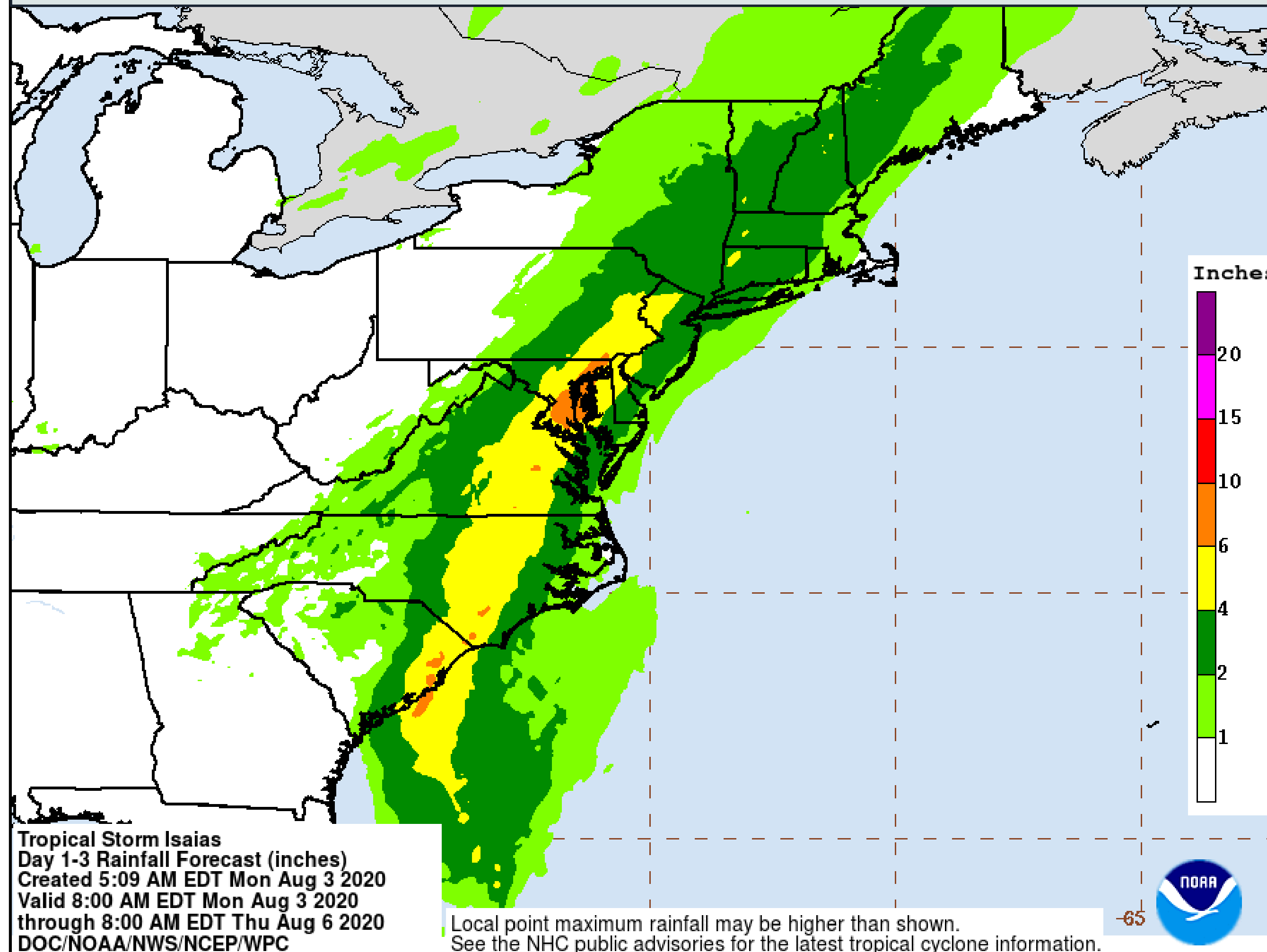
# Expected Storm Total Rainfall

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



- Storm Total rainfall forecast valid Monday through Wednesday Night
- Locally, most rain will occur Tuesday Afternoon and Night

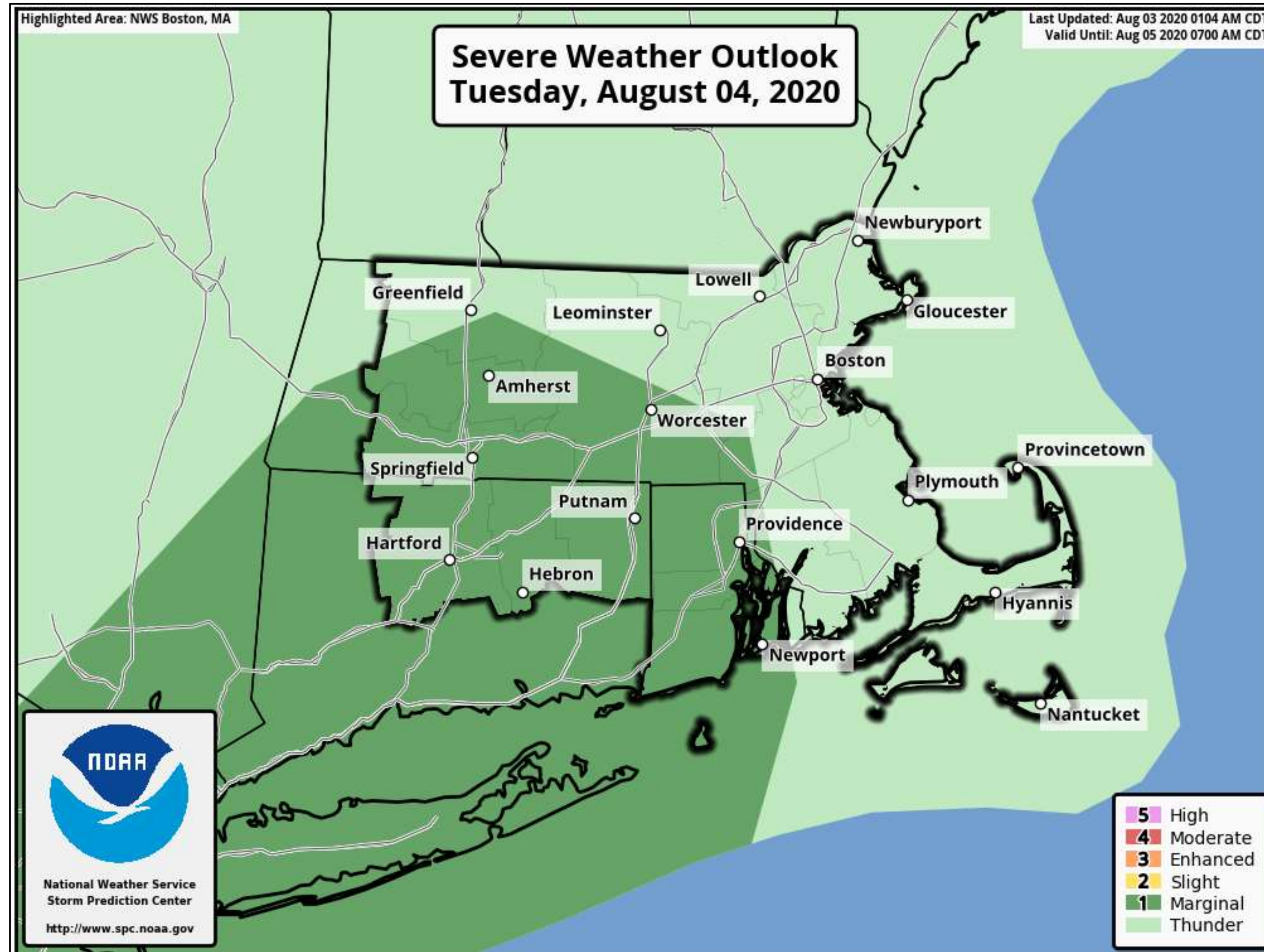


# Tornado Potential

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- Main threat of tornadoes would be during Tuesday afternoon and evening



# Key Take-Aways

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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



Isolated tornadoes possible Tuesday afternoon and evening



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





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