



TROPICAL STORM ISAIAS BRIEFING

6:00 AM ET

Monday, August 3, 2020

Prepared by: WFO Boston/Norton, MA

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






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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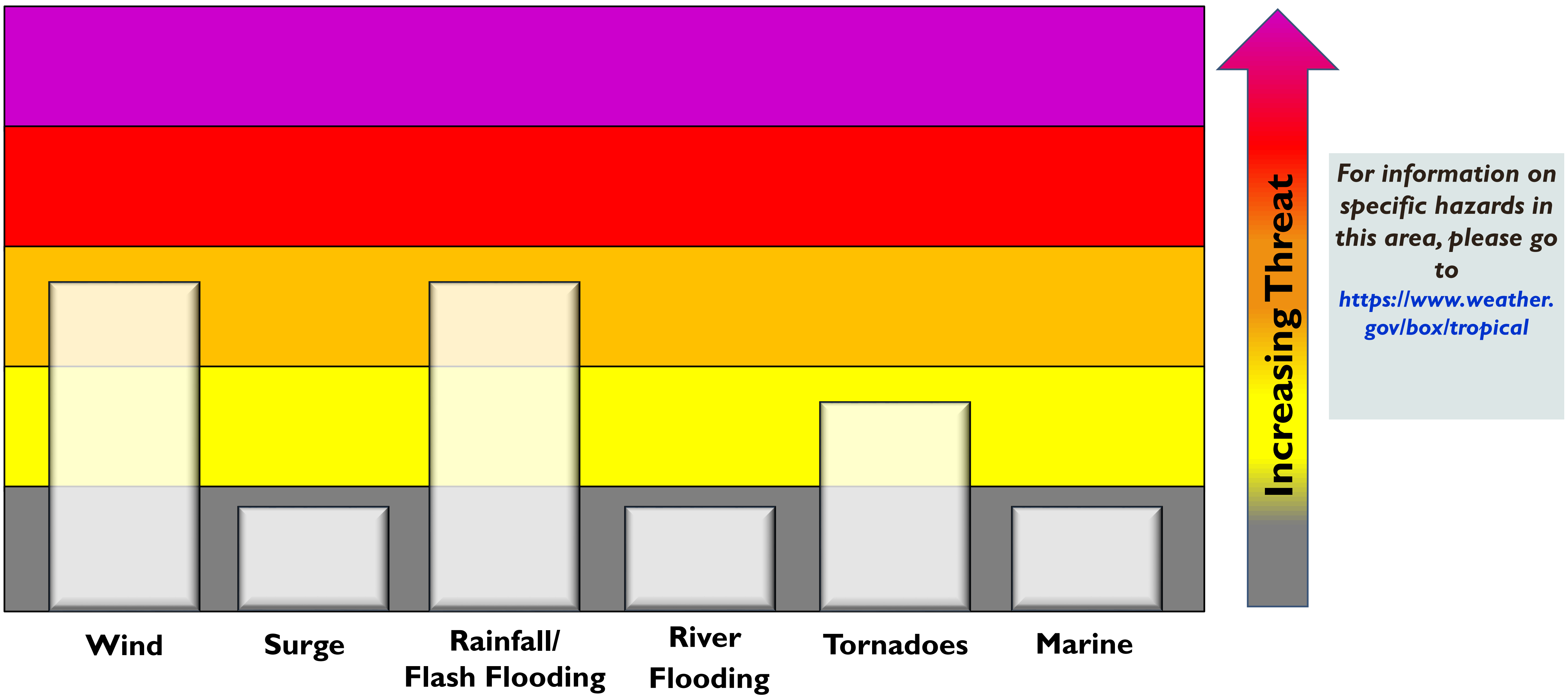
Hazard	Impacts	Location	Timing
Wind 	There is the potential for damaging winds.	All of southern New England	Tuesday evening into early Wednesday
Storm Surge/ Inundation 	Minimal. Worst case scenario would be minor inundation (>1 foot)	South coast	Tuesday evening
Flooding Rain 	There is the potential 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	Late Tuesday and Tuesday night
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

Tropical Storm Isaias



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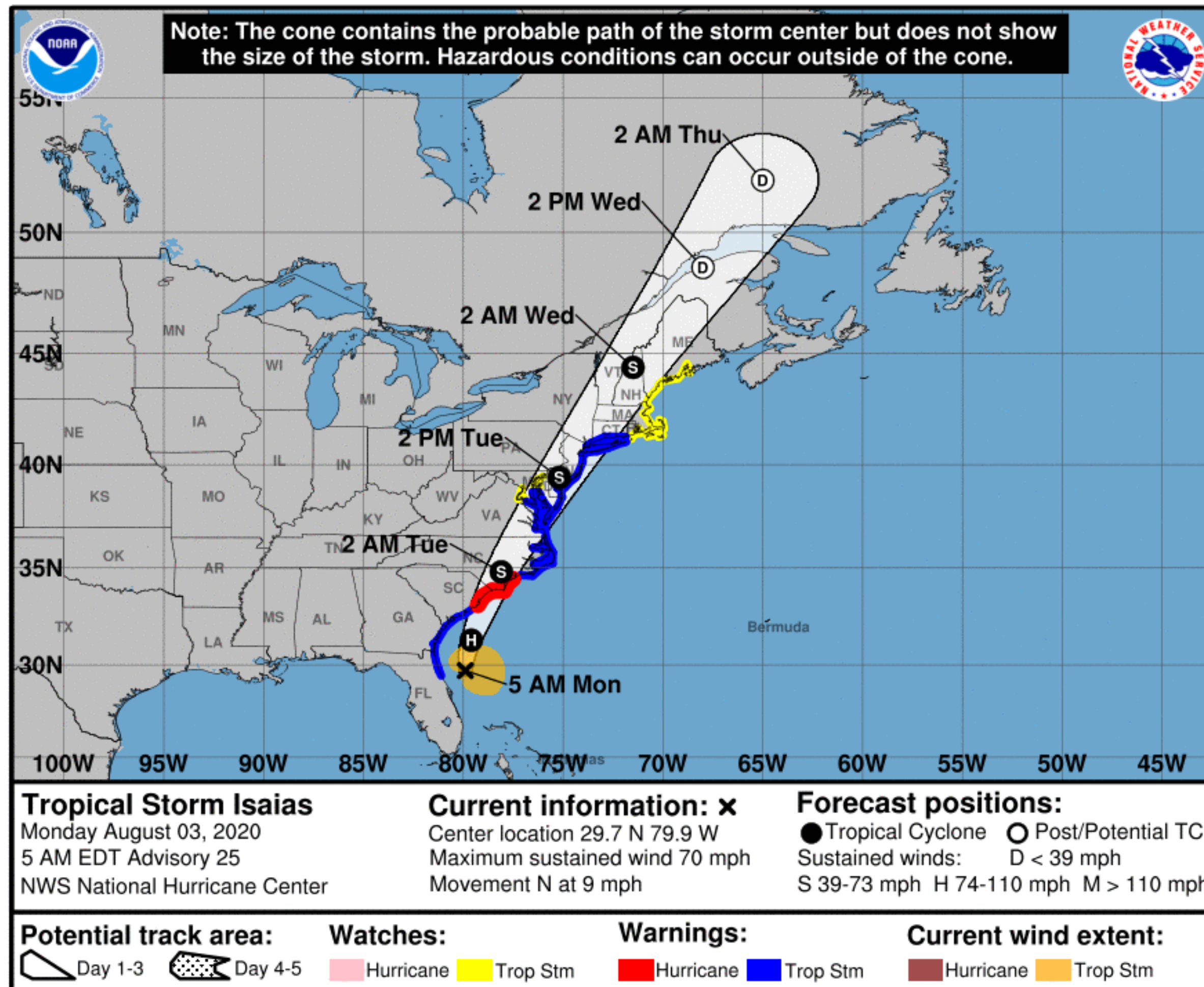
For information on specific hazards in this area, please go to <https://www.weather.gov/box/tropical>

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New Information

- Tropical Storm Watch issued for most of southern New England and coastal waters
- Tropical Storm Warning issued for southern Connecticut

Concerns

- Potential for 3-4" heavy rain with localized 6" in Western MA and Northern CT, especially over the Berkshires
- Strong winds with gusts 40-50 mph and 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.

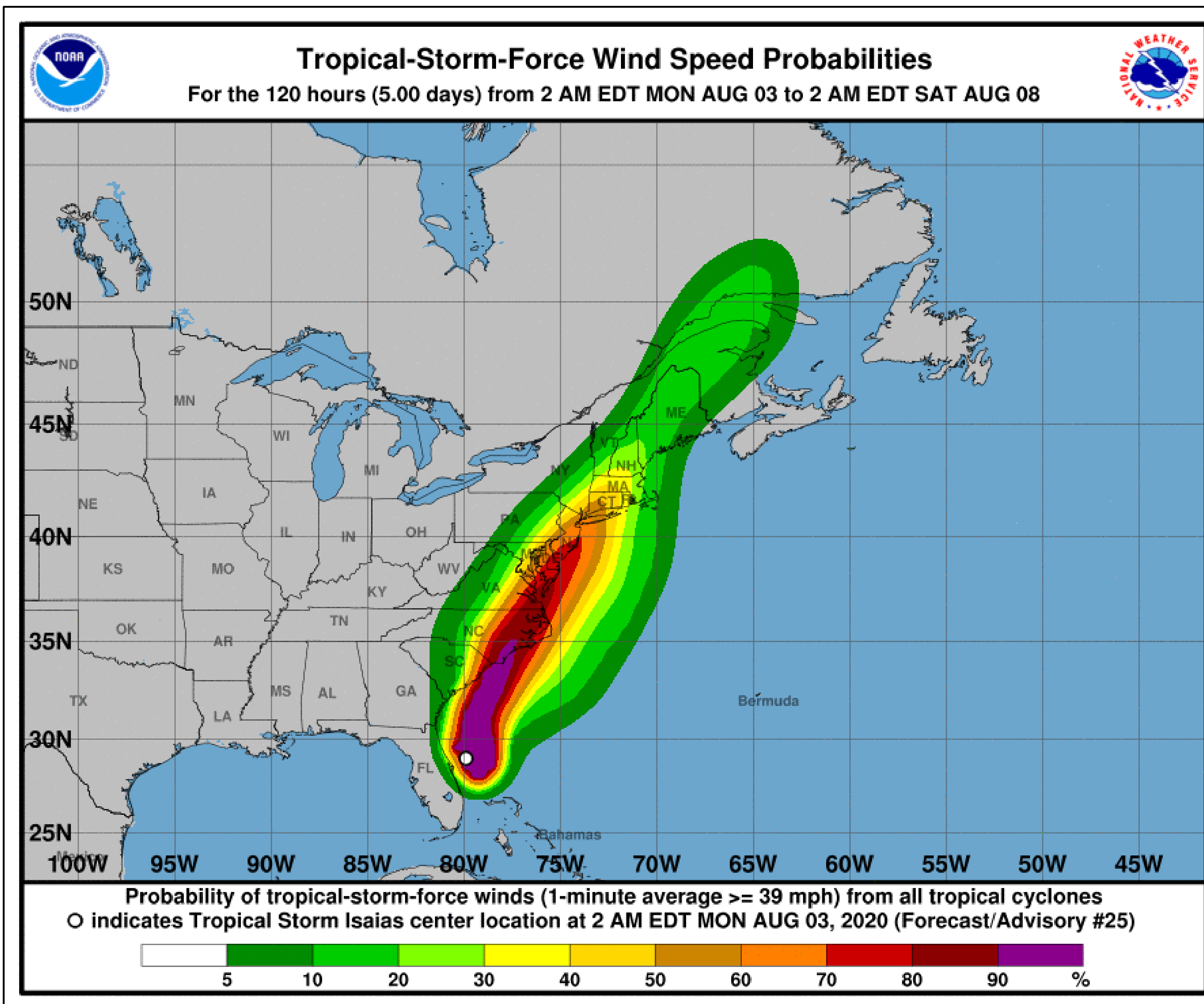
NOTE: Do not focus on the exact track. Impacts can occur well outside the area enclosed by the cone.

TS Wind Speed Probabilities

Tropical Storm Isaias



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- Probability of Tropical Storm wind speeds has been slightly increased
- The location of greatest risk is western and central Massachusetts and northern Connecticut.

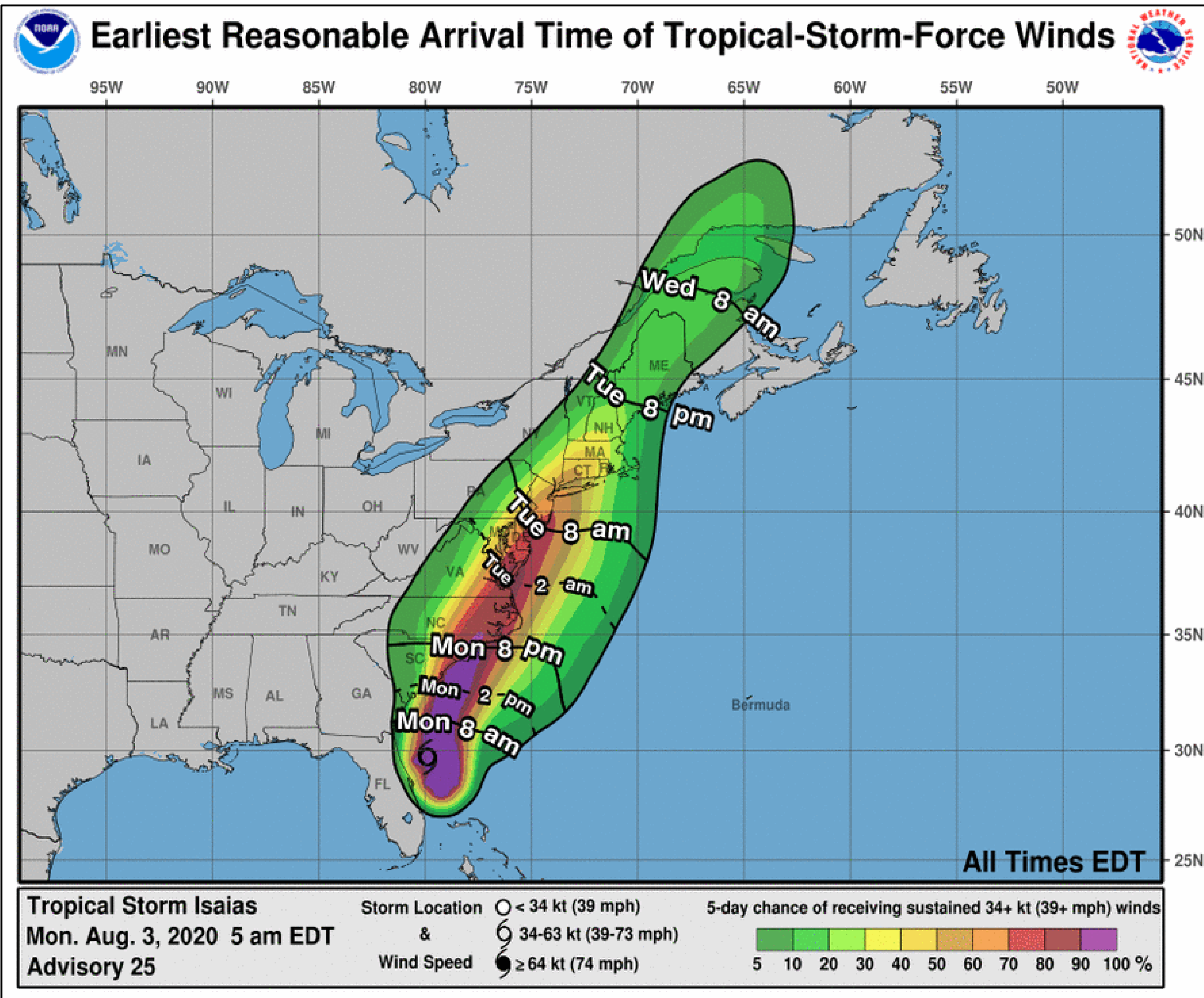
Earliest Reasonable Time of Arrival

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

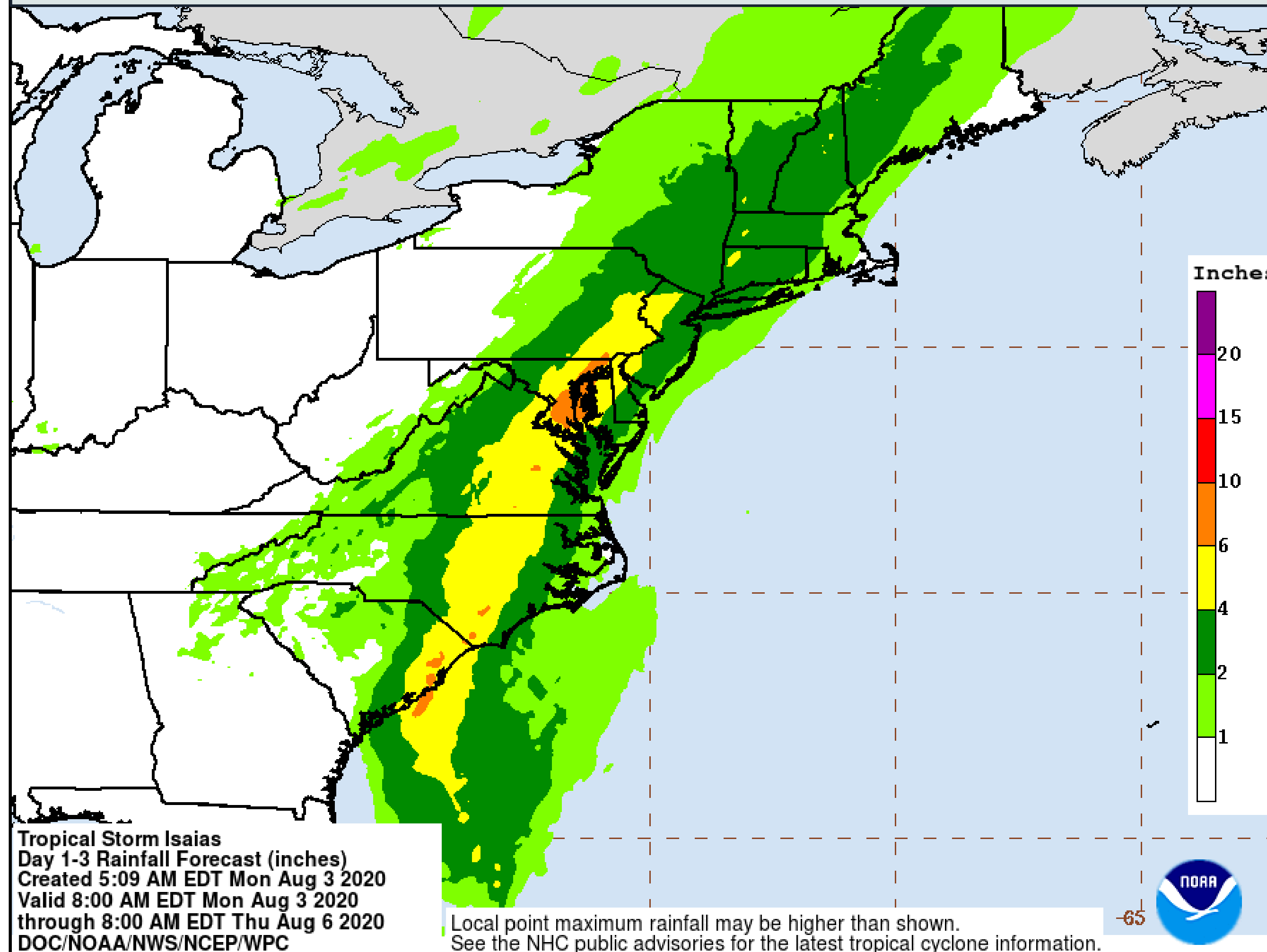
Expected Storm Total Rainfall

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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 late Tuesday and Tuesday night

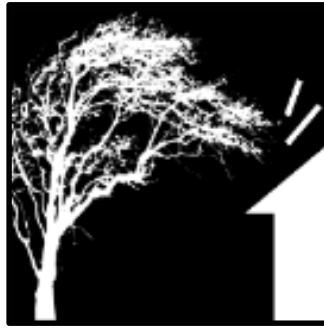
Key Take-Aways

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



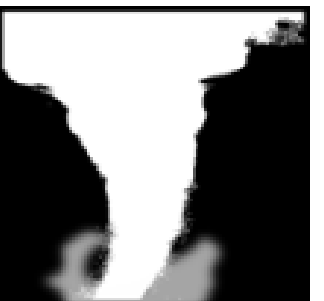
Strong wind gusts expected, especially over western/central Massachusetts and northern Connecticut



Surge flooding minimal. Worst case scenario would be minor inundation (>1 foot), mainly across the immediate coast



Rainfall flooding possible, mainly across western Massachusetts and western Connecticut



Isolated tornadoes possible late Tuesday and Tuesday night



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



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For the latest graphics and information go to: www.hurricanes.gov or weather.gov/box/tropical