



TROPICAL STORM ELSA BRIEFING

5:00 AM ET

Friday, July 9, 2021

What has changed: Slightly increased threat for an isolated
tornado/waterspout this morning across the south coast &
adjacent waters

Next briefing by 6 PM today

Disclaimer: The information contained within is time-sensitive. Do not use after 6 PM EDT Friday.



Situation Overview

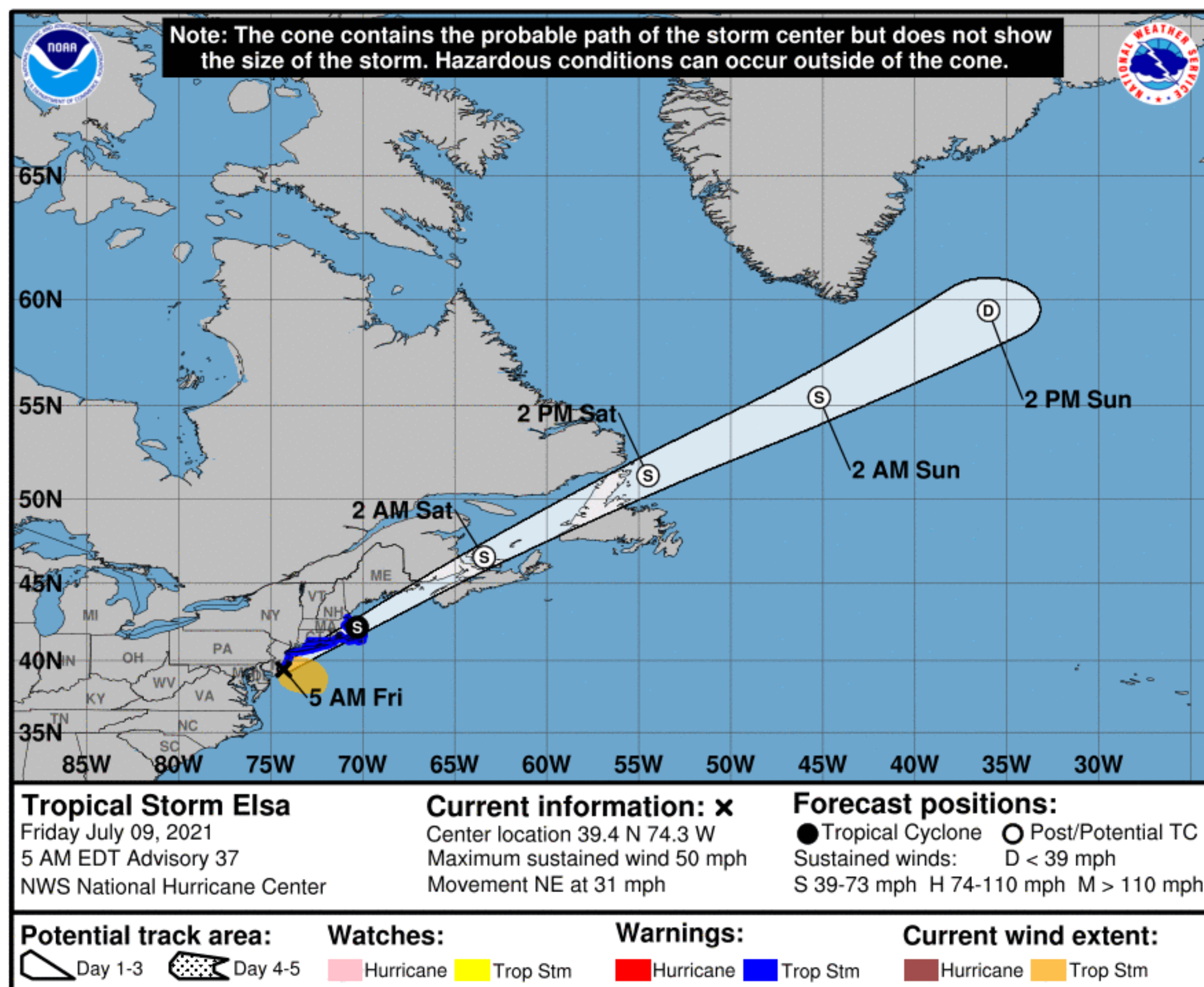
Tropical Storm Elsa

- Flash flooding is possible across much of southern New England due to heavy rainfall.
- Damaging winds (gusting 40 to 60 mph) and power outages are possible where Tropical Storm Warnings have been issued.
- Isolated tornado/waterspout threat for the south coast & waters
- Potential for dangerous marine conditions along with rough surf and rip currents along south coastal beaches
- No coastal/storm surge flooding expected



Situation Overview

Tropical Storm Elsa



- No major changes to the track
- A Tropical Storm Warning remains in effect as far north as the Merrimack and this includes to the Boston to Providence corridor.

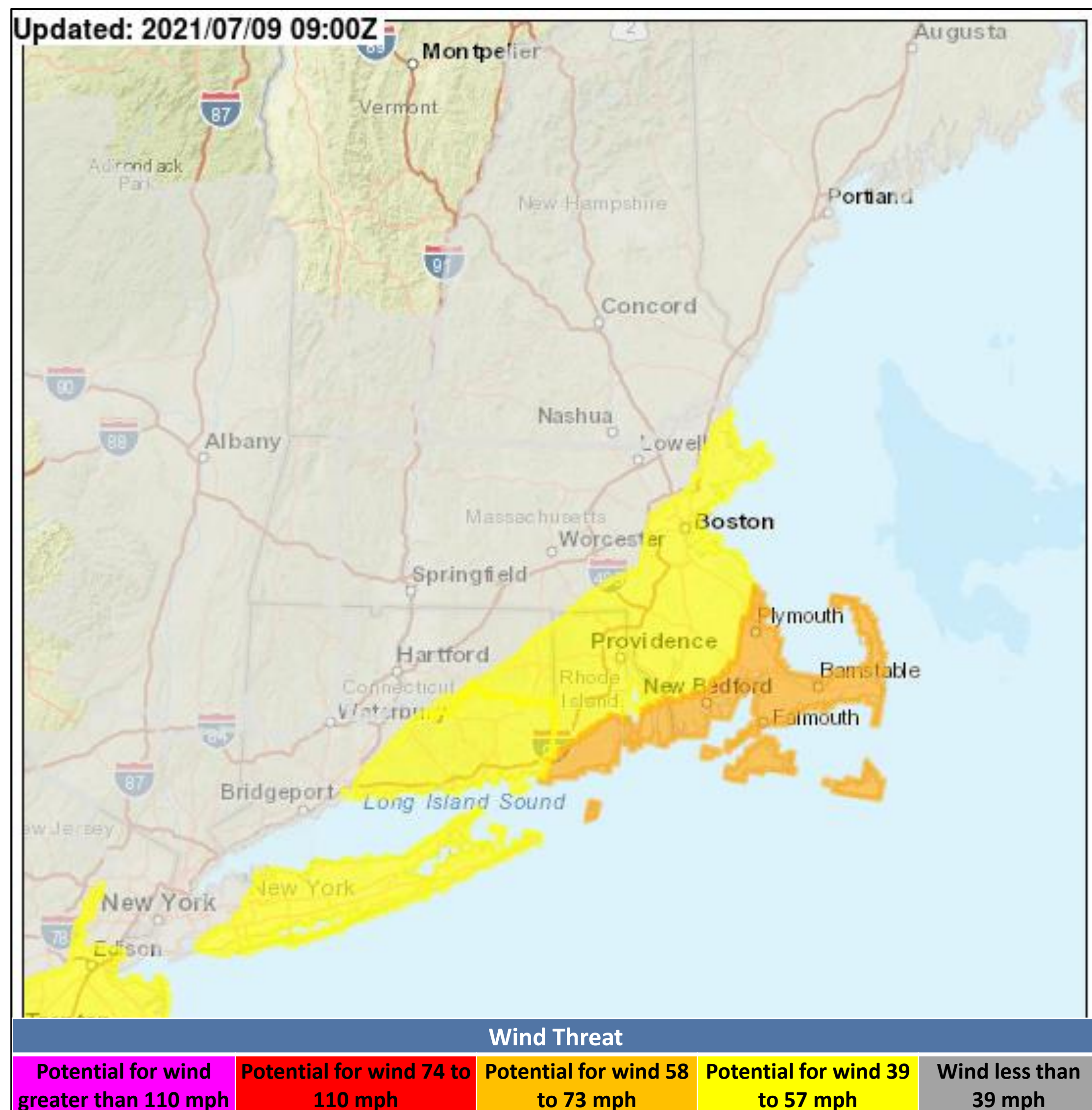
NOTE: Do not focus on the exact track.

Impacts can occur well outside the area enclosed by the cone.



Wind Threat / Potential Impact

Tropical Storm Elsa

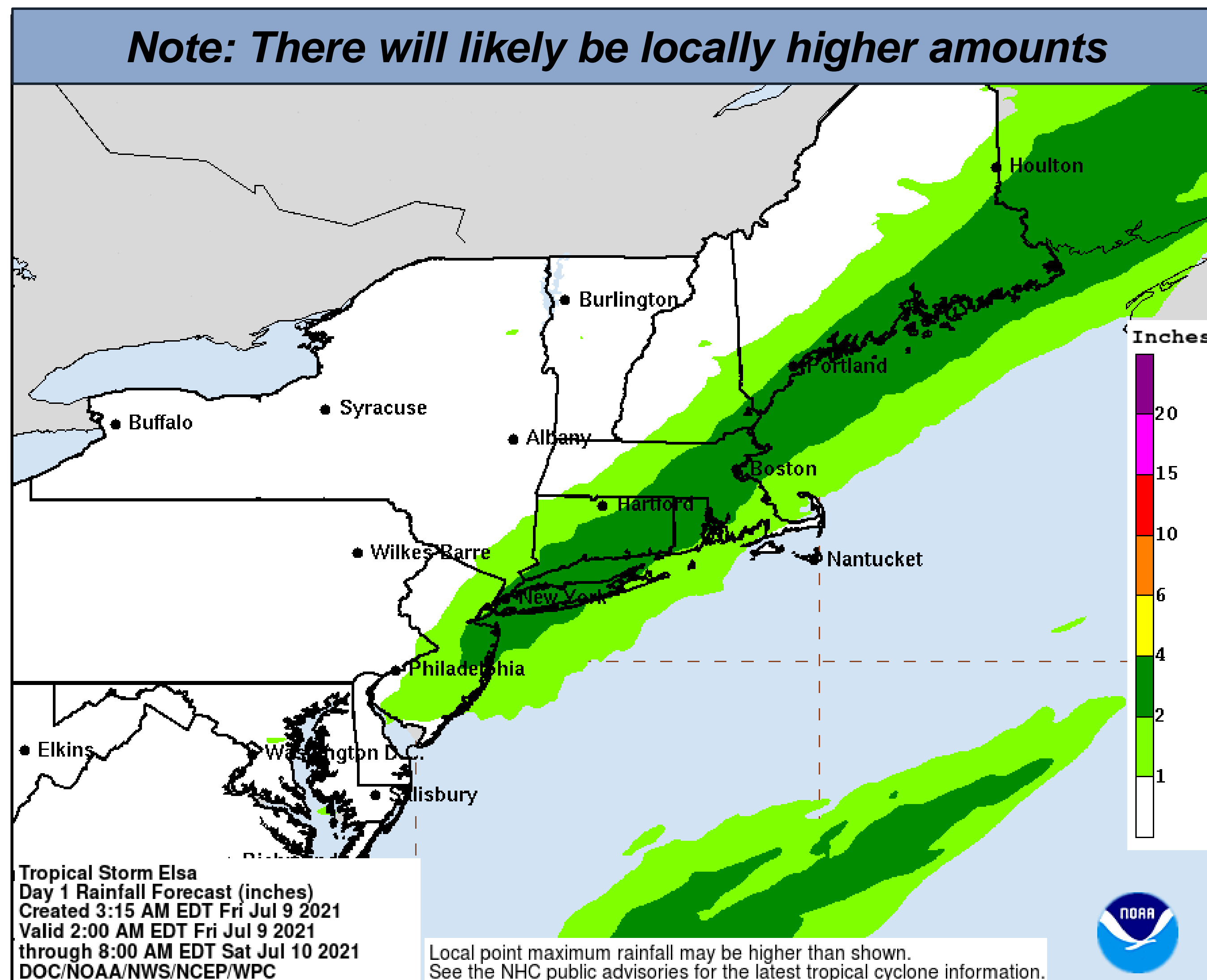


- Potential for 40 to 60 mph gusts on Cape Cod and the Islands there may be a few instances of gusts up to 70 mph
- The risk for power outages is highest along the south coast, including Cape Cod and the Islands due to damaging winds
- There is a lower risk of wind damage and power outages from the Providence to Boston corridor



Expected Storm Total Rainfall

Tropical Storm Elsa

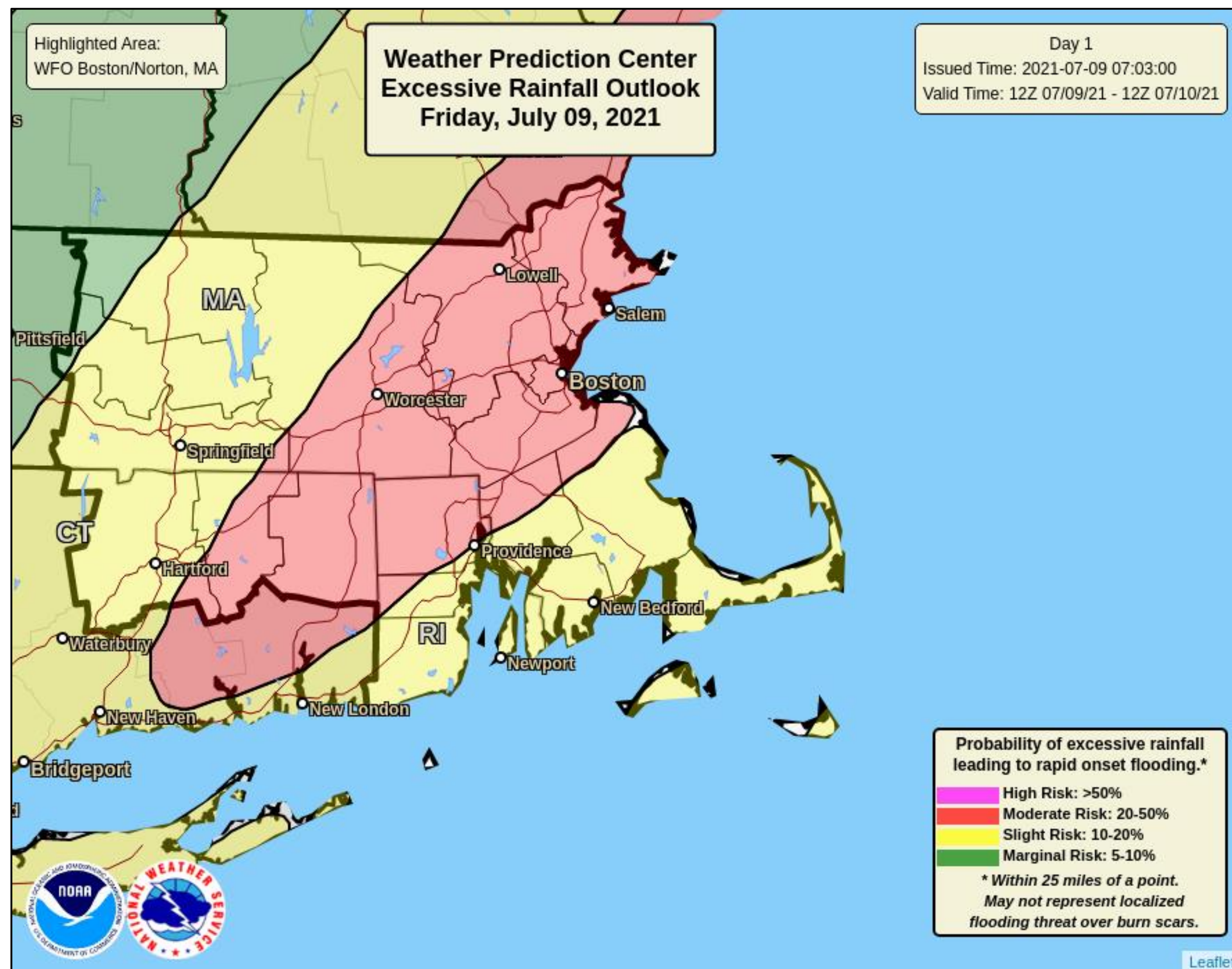


- Storm Total rainfall forecast valid this morning through Saturday morning.
- Locally, most rain will occur between 8 AM and noon today.



Excessive Rainfall Outlook

Tropical Storm Elsa

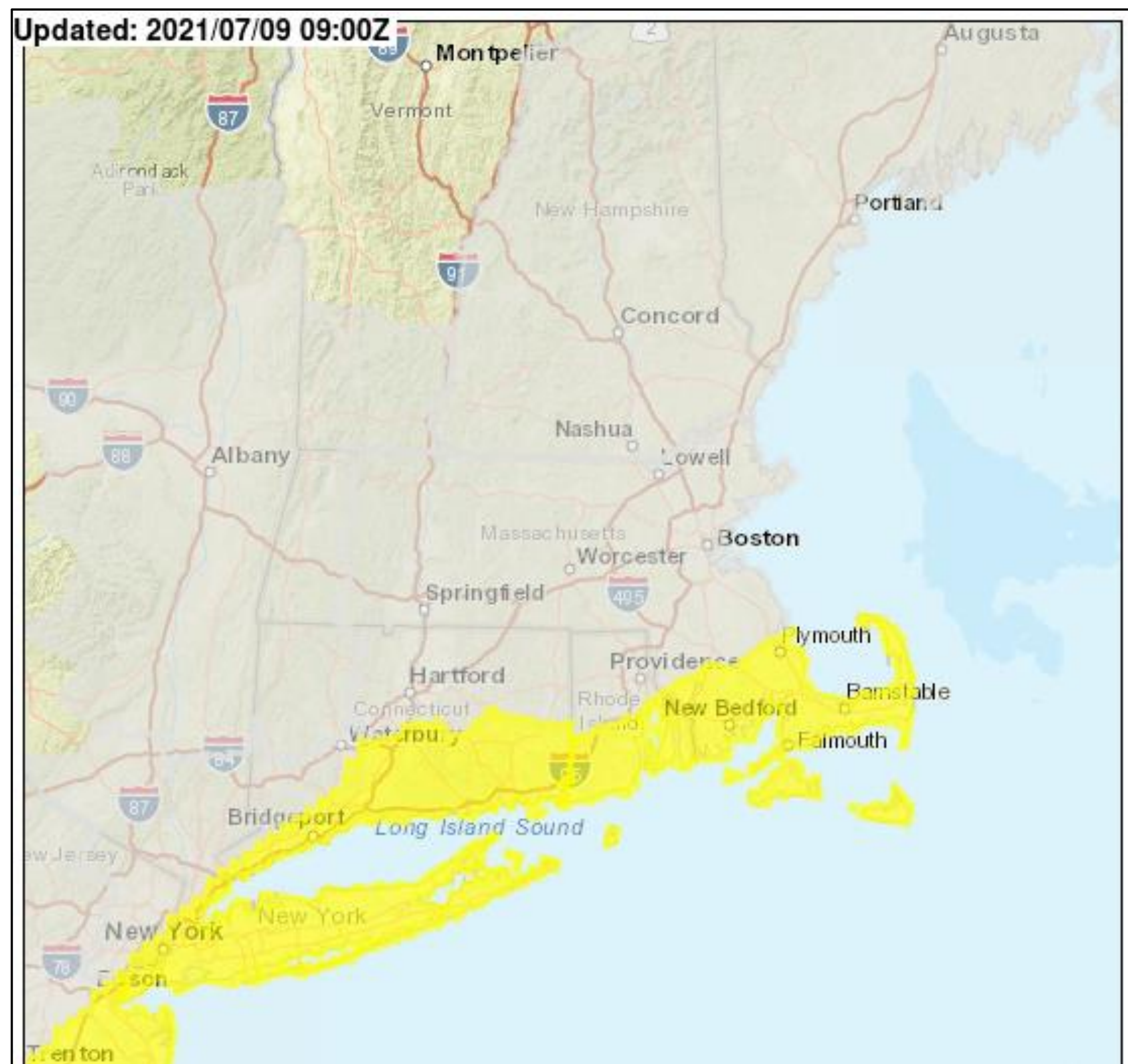


- Areas outlined in red have the greatest potential for flash flooding.



Potential Tornado Impacts

Tropical Storm Elsa



- Main threat for a tornado or two would be from about 8 AM until 11 AM.

Tornado Threat

Potential for outbreak of tornadoes	Potential for many tornadoes	Potential for several tornadoes	Potential for a few tornadoes	Tornadoes not expected
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Last Updated: 7/9/2021 5:33 AM

National Weather Service Boston/Norton MA



Key Take-Aways

Tropical Storm Elsa

Confidence is HIGH that the event will occur

Confidence is HIGH regarding impacts



Potential for south /southeast wind gusts 40 to 60 mph with a few instances of 70 mph gusts, mainly south/east of Elsa's track. Greatest chances are in Rhode Island and southeast Massachusetts.



Isolated tornado/waterspout threat for the south coast and adjacent waters.



Heavy rain expected north/west of Elsa's track. This may lead to flash flooding.





Dangerous marine conditions expected across the coastal waters, especially around and south of the Cape and Islands. Potential for rough surf and rip currents, especially along the south coasts of RI and MA, which could linger into Saturday.





Next briefing by 6 PM today


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