TROPICAL STORM ELSA BRIEFING

5:00 PM ET
Wednesday, July 7, 2021

What has changed: Tropical Storm Watch has been issued.
Next Briefing: Thursday, July 7 at 6 am EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 6:00 am EDT Thursday.

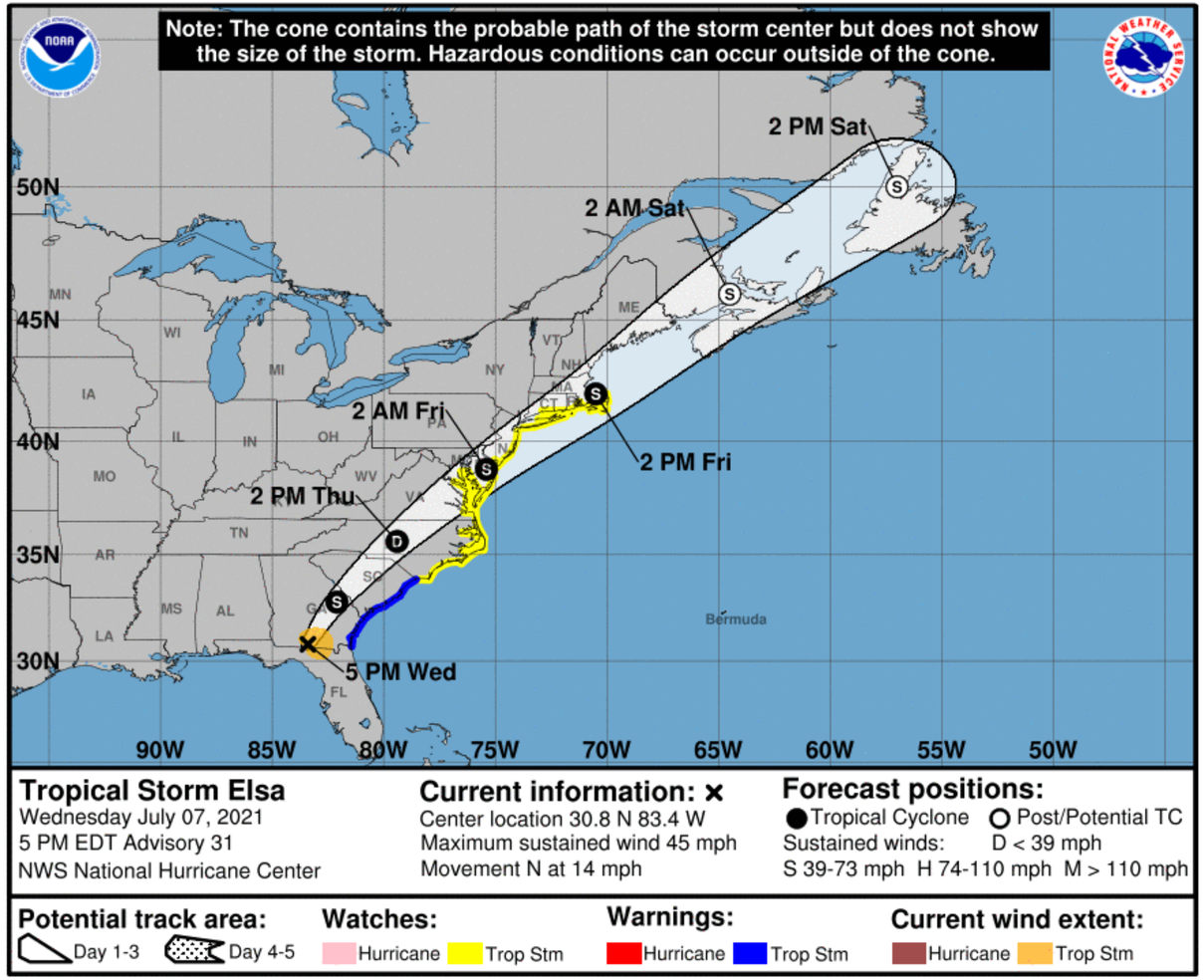
Situation Overview

Tropical Storm Elsa

- Elsa expected to pass near or over southeast New England on Friday as a weak tropical storm
- Potential for heavy rainfall to the north of the storm’s track
- Potential for wind gusts up to 40-50 mph near and south of the storm’s track
- 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

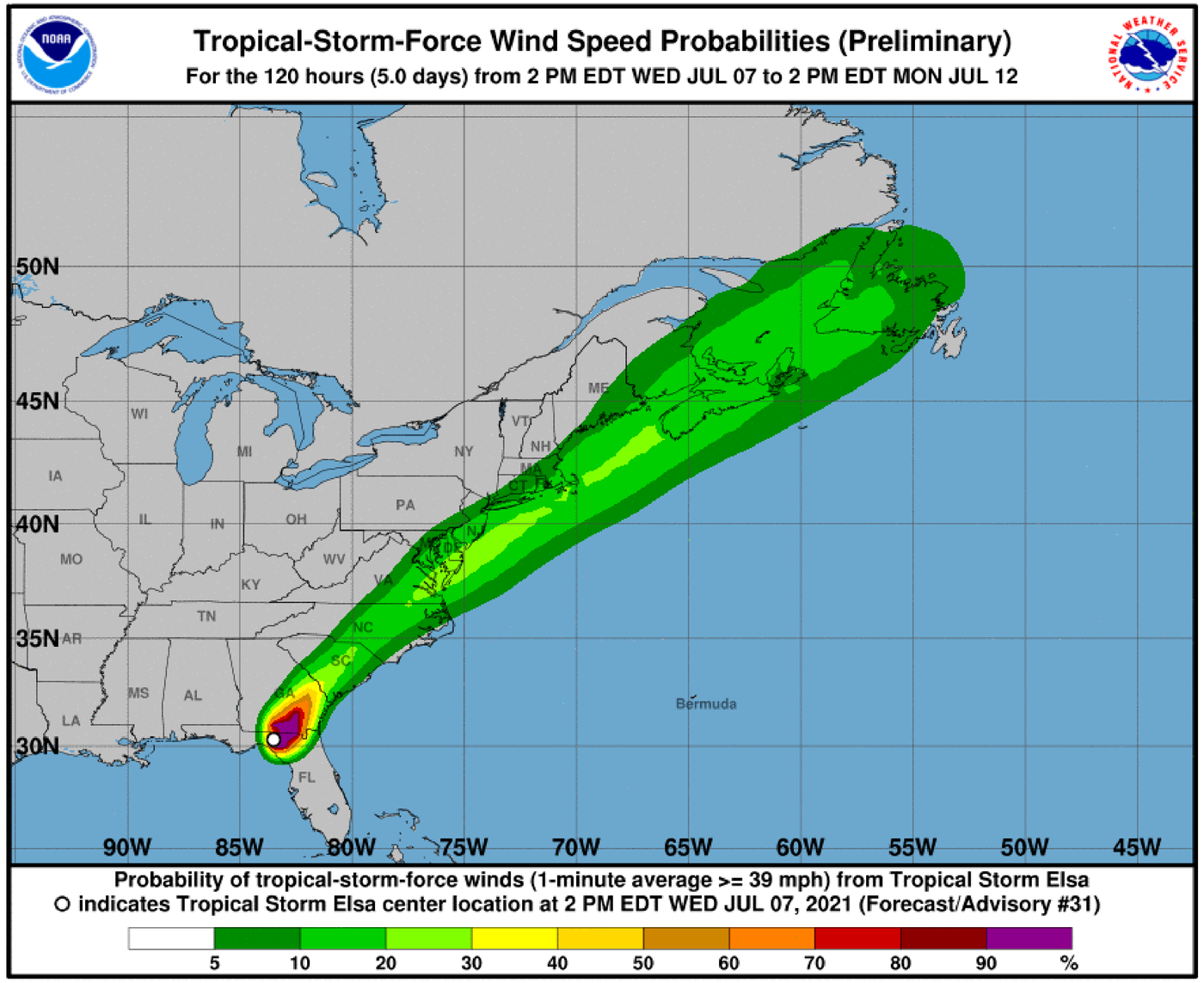


- No major changes to the track
- A Tropical Storm Watch is now in effect for the south coast of Rhode Island and the southeast coast of Massachusetts.

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

Tropical Storm Wind Speed Probabilities

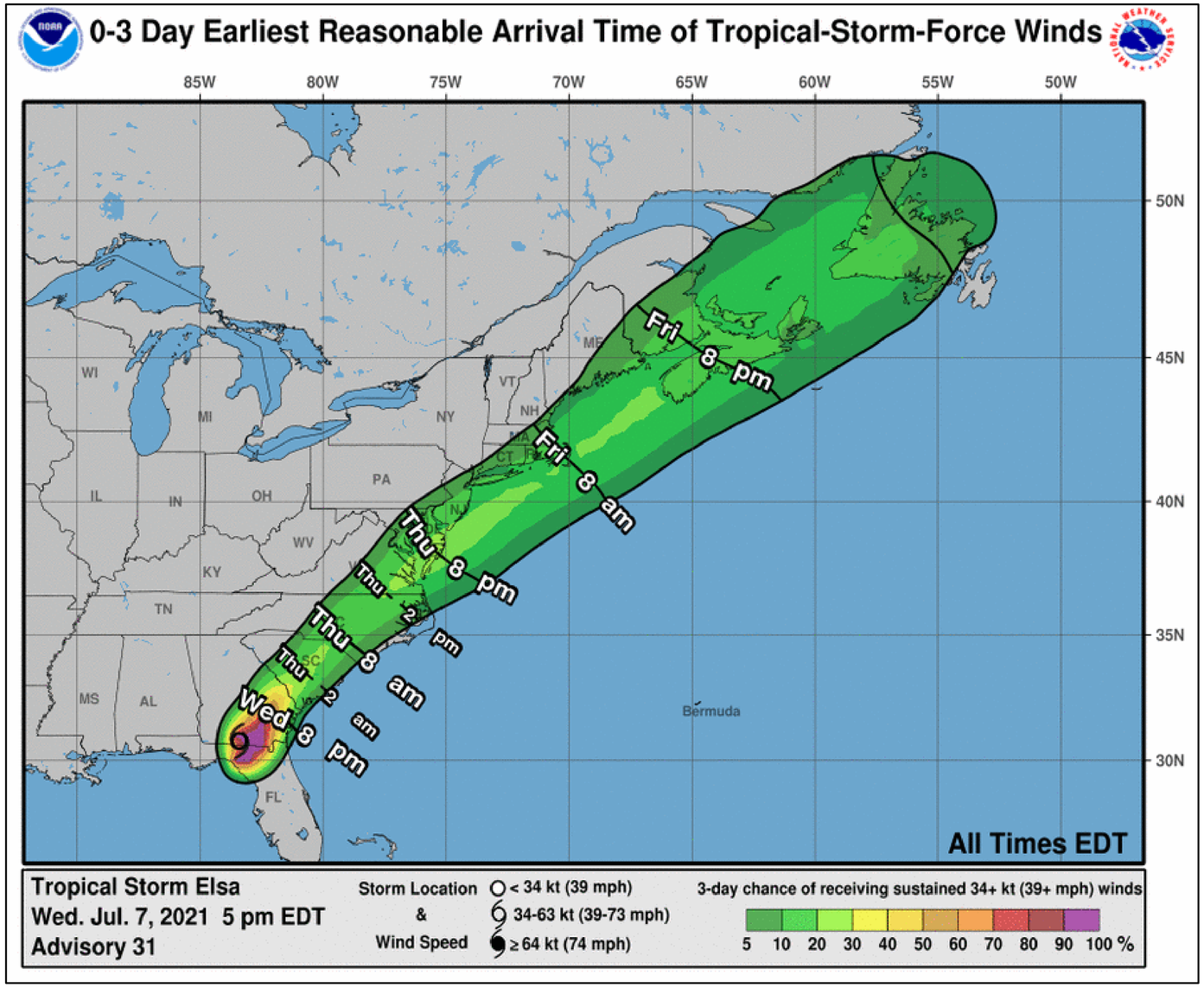
Tropical Storm Elsa



- Roughly 2 in 10 chance of winds reaching tropical storm force (sustained 40 mph) on Nantucket.
- Only 1 in 10 chance of tropical storm force winds across Rhode Island and southeast Massachusetts

Earliest Reasonable Time of Arrival

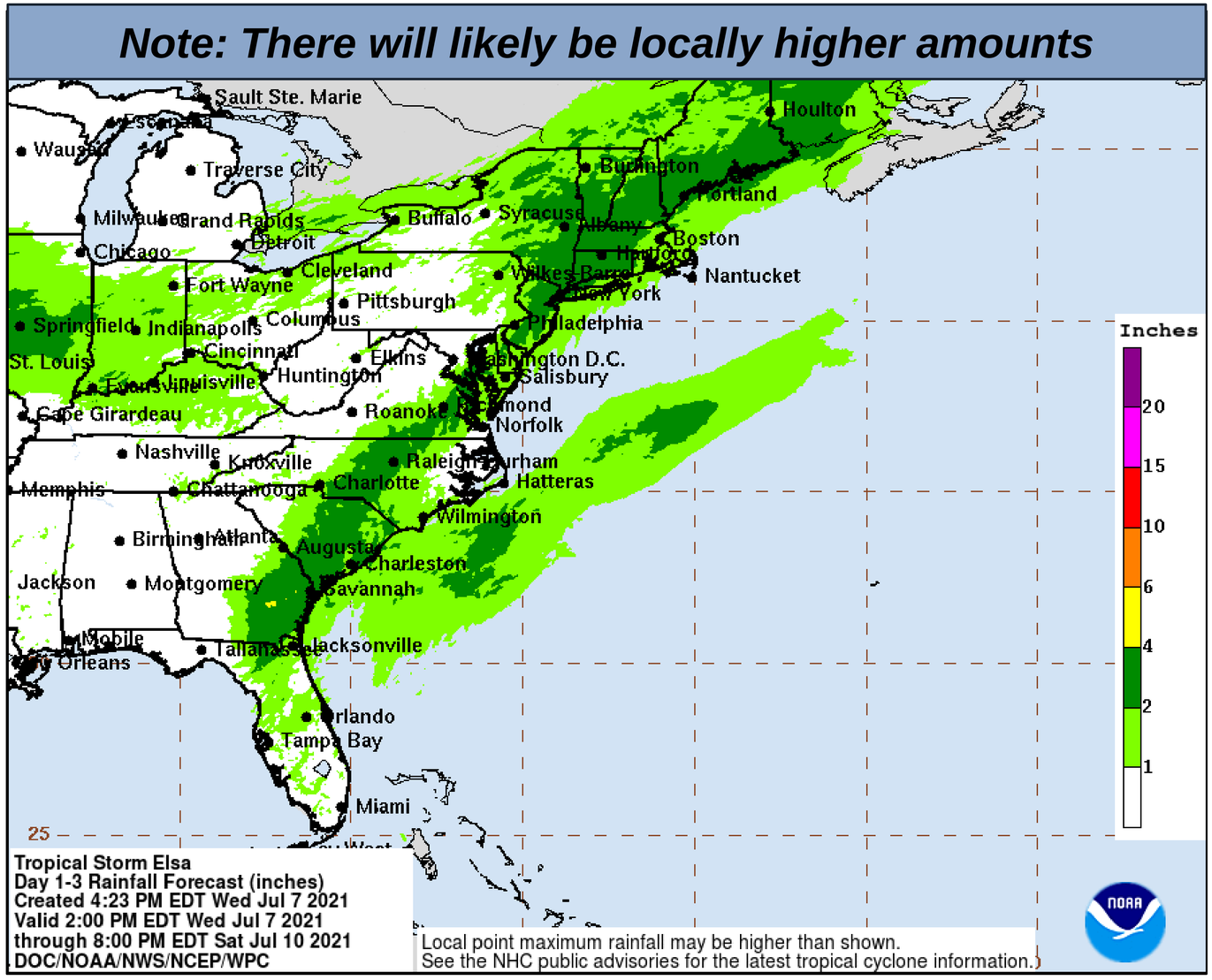
Tropical Storm Elsa



- The earliest reasonable time of arrival of tropical storm force winds, if they were to occur, would be around dawn Friday
- Period of strongest winds will only be about 6 hours

Expected Storm Total Rainfall

Tropical Storm Elsa



- 2-4 inches of rain is expected which may cause street flooding and flooding of small streams
- The graphic on the left shows the storm total rainfall forecast valid Wednesday afternoon through Saturday evening
- Locally, most rain will occur Friday

Key Take-Aways

Tropical Storm Elsa

Confidence is MODERATE that the event will occur
Confidence is MODERATE regarding impacts

Potential for gusty winds up to 40-50 mph, mainly south/east of Elsa's track. Greatest chances are in Rhode Island and southeast Massachusetts.

No coastal flooding anticipated

Heavy rain expected north/west of Elsa's track.

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

Next Briefing:
Thursday around 6 AM
Method: Email

Web: weather.gov/box

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