



# TROPICAL STORM ELSA BRIEFING

130 pm EDT  
Tuesday, July 6, 2021

What has changed: Initial Briefing  
Next Briefing: Wednesday, July 7 6 am EDT

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



# Situation Overview

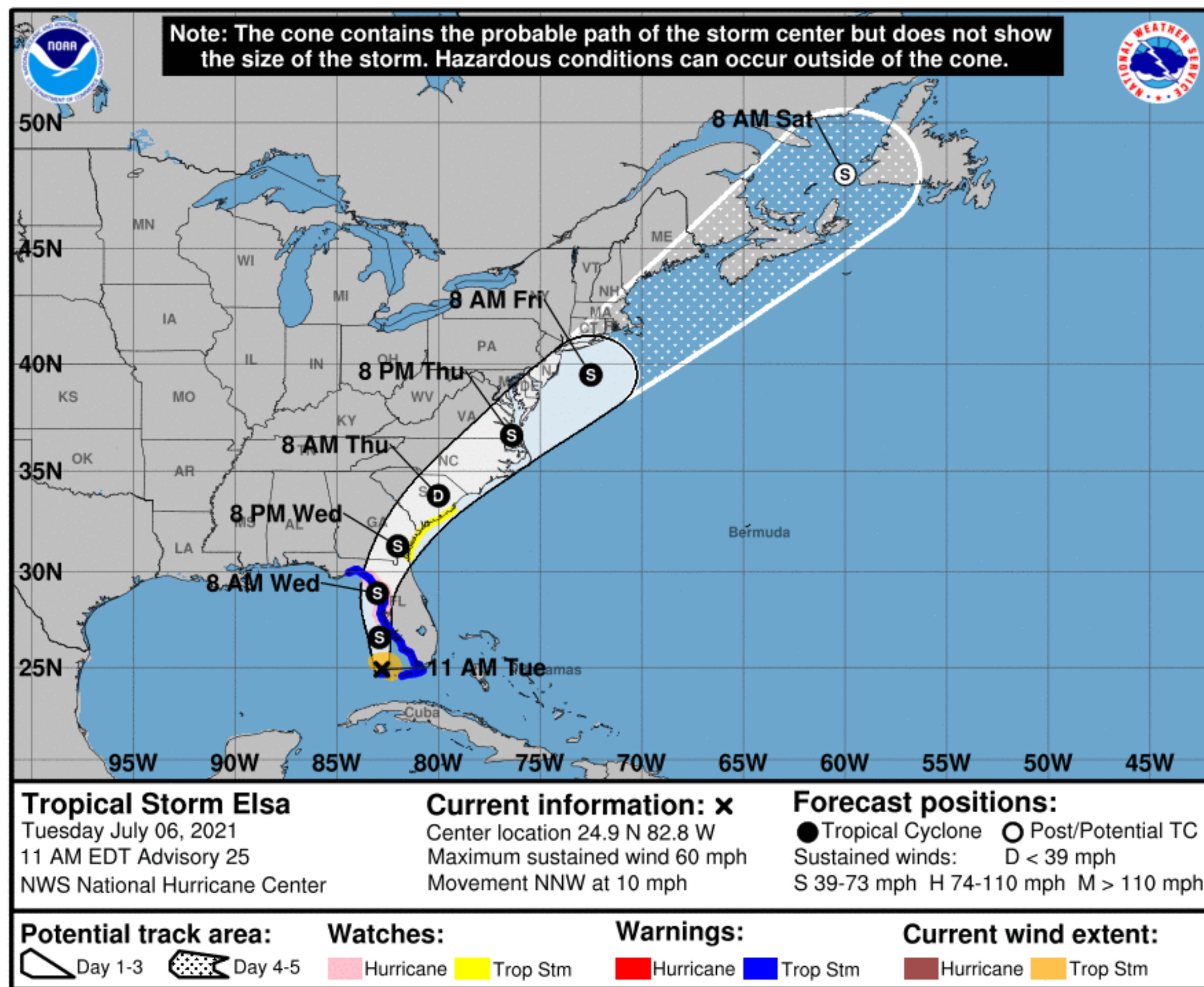
Tropical Storm Elsa

- 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 over 35 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



- Still uncertainty with regard to exact track and intensity as Elsa makes it's closest approach on Friday
  - As a result, low confidence in aspects of forecasts for wind, rainfall and wave heights
- No watches are in effect at this time.

**NOTE:** Do not focus on the exact track.

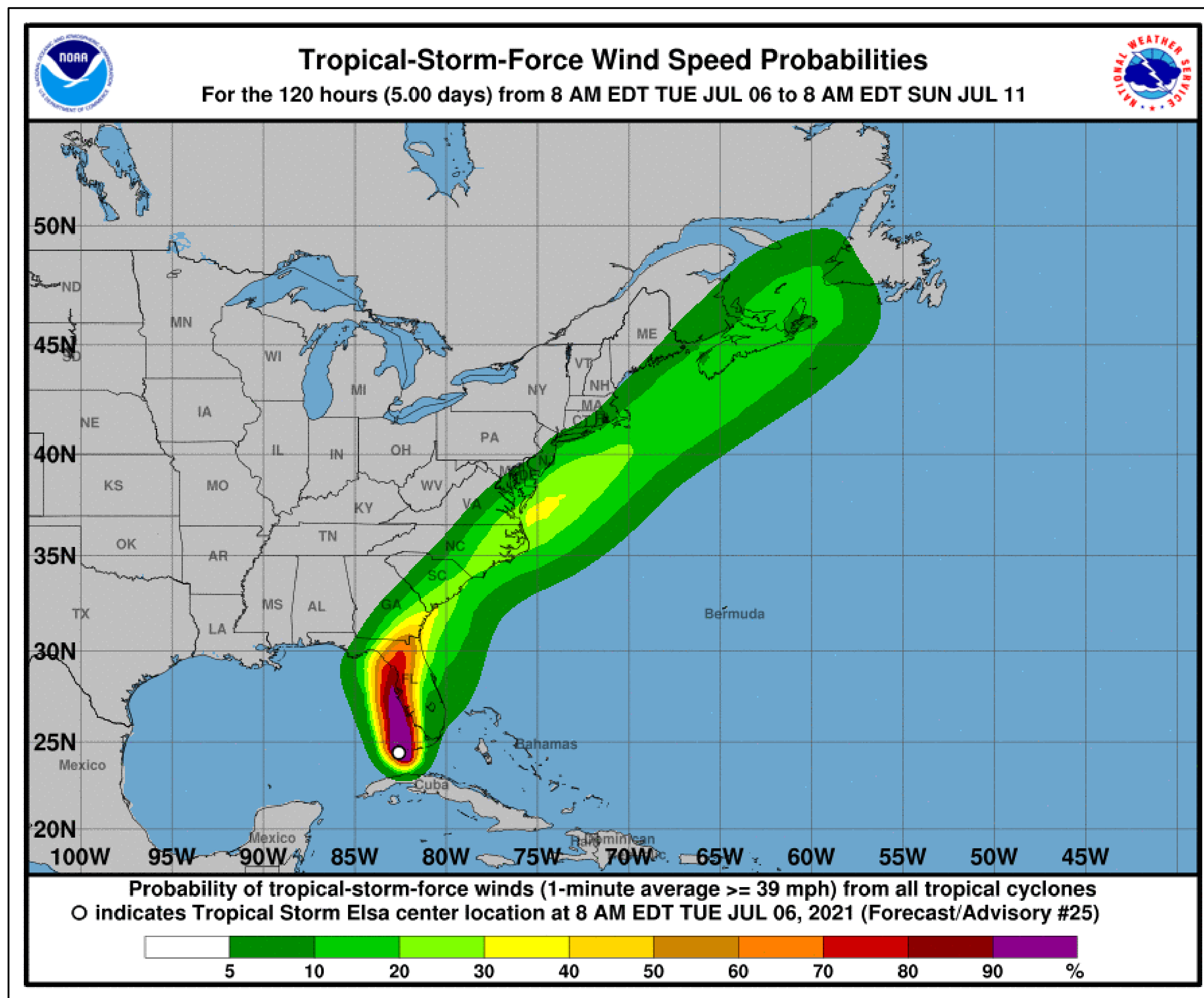
Impacts can occur well outside the area enclosed by the cone.





# Tropical Storm Wind Speed Probabilities

Tropical Storm Elsa

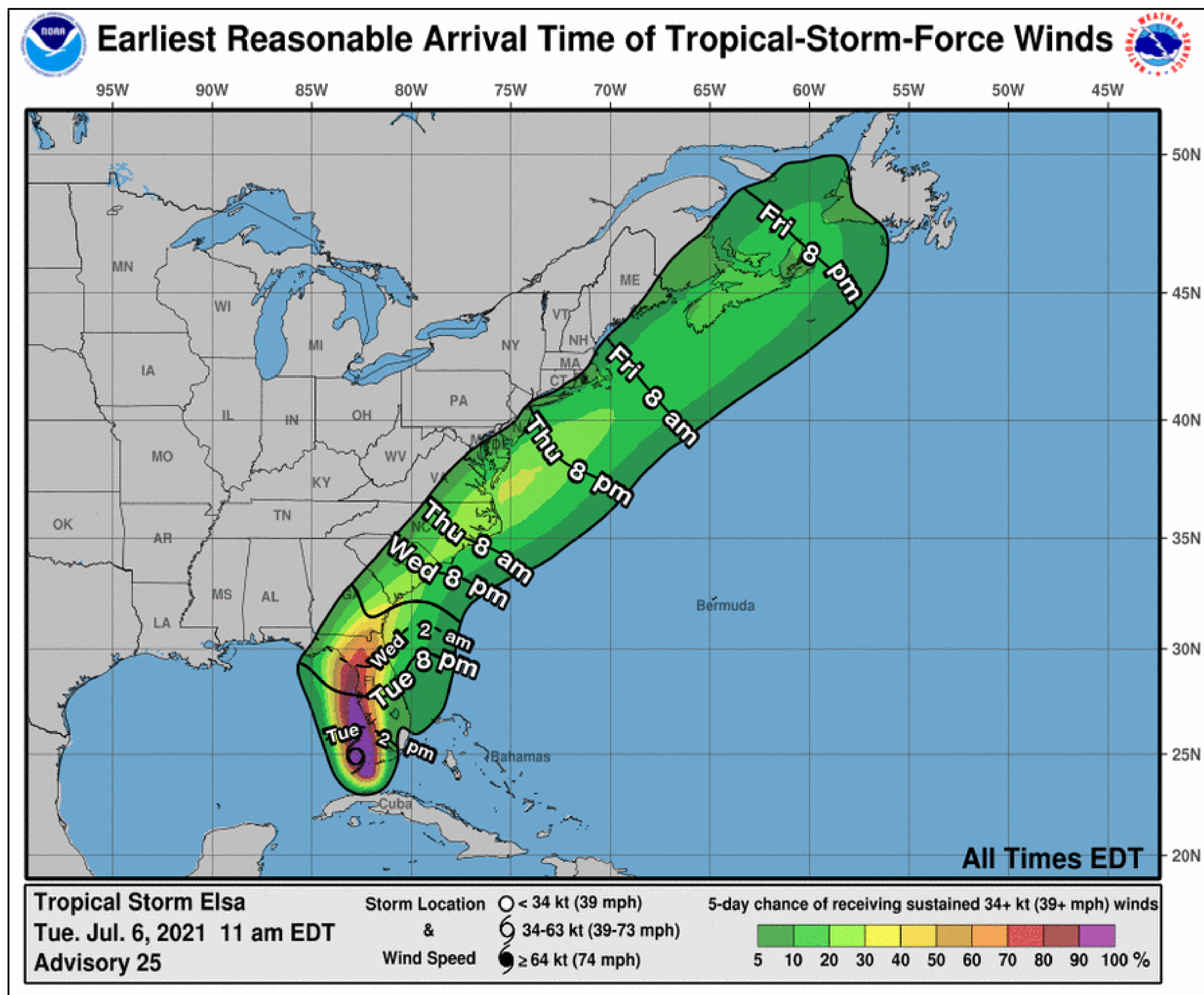


- Roughly 1 in 10 chance of winds reaching tropical storm force (40 mph) across the Cape and Islands.
- Only 1 in 20 chance of tropical storm force winds across Rhode Island and southeast Massachusetts



# Earliest Reasonable Time of Arrival

Tropical Storm Elsa



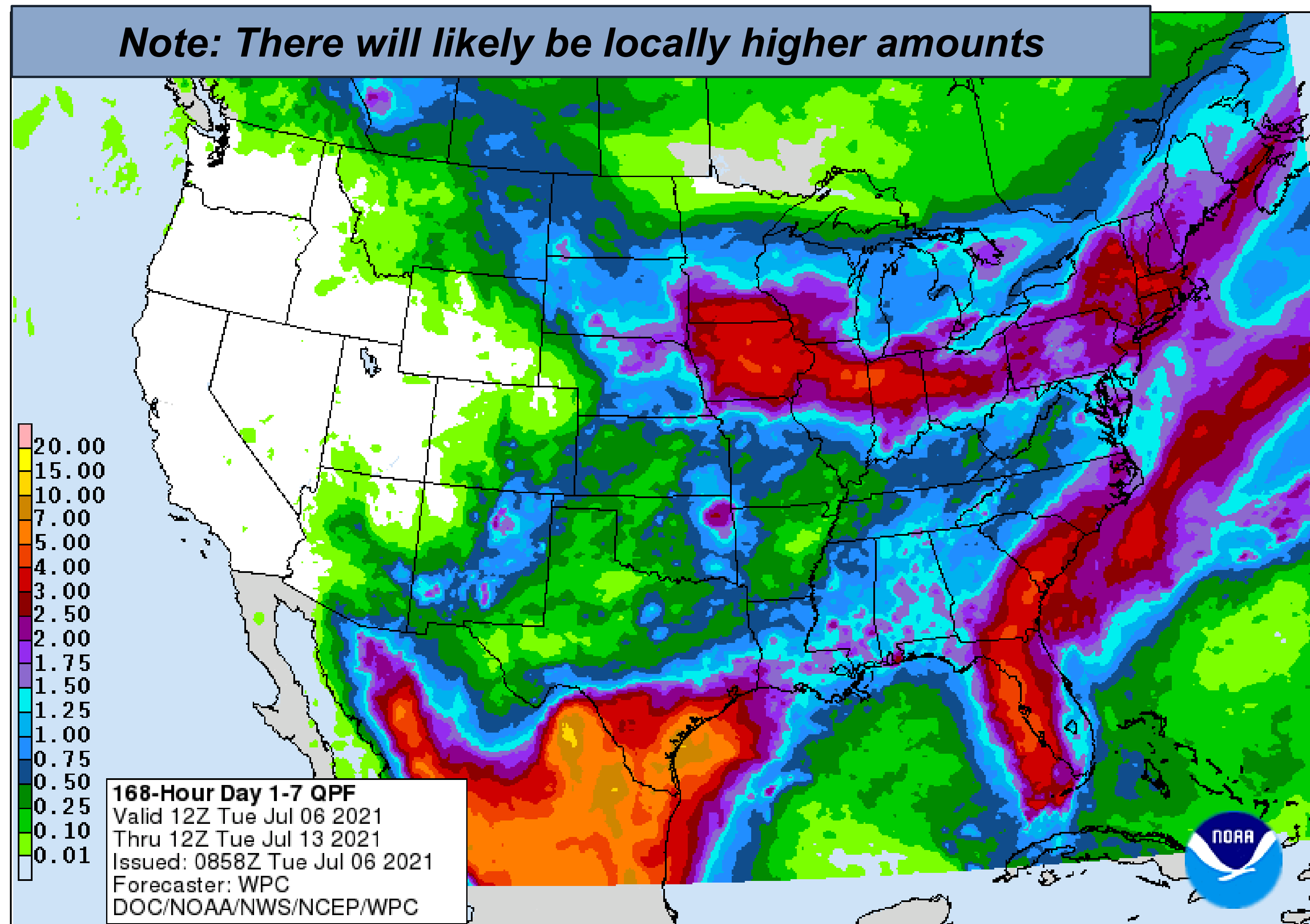
- The earliest reasonable time of arrival of tropical storm force winds, if they were to occur, would be around dawn Friday
- Period of strongest winds will only be about 6 hours



# Expected Storm Total Rainfall

Tropical Storm Elsa

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



- Elsa could produce 1-2" of rain, primarily north of the storm track. Higher risk area is Rhode Island, Southeast MA, Cape & Islands
- Map shows 7-Day total rainfall forecast through (July 13)
- Note: Total shown on map includes expected rainfall from thunderstorms this week prior to Elsa's closest approach





# Key Take-Aways

## Tropical Storm Elsa

Confidence is MODERATE that the event will occur

Confidence is LOW regarding impacts



Potential for gusty winds restricted to near and south of Elsa's track. Although low probability of occurring, the Cape and Islands the area of higher risk



No coastal flooding anticipated



Heavy rain possible north of Elsa's track.





Dangerous marine conditions possible 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: Wednesday around 6 AM Method: Email

**Web:** [weather.gov/box](http://weather.gov/box)

**Phone:** (508) 622-3250 (public)

**E-mail:** [box.operations@noaa.gov](mailto:box.operations@noaa.gov)

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