



TROPICAL STORM ELSA BRIEFING

5:00 AM ET
Wednesday, July 7, 2021

What has changed: Slightly increased wind threat
Next Briefing: Wednesday, July 7 1 PM EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 12:00pm EDT Tuesday.



Situation Overview

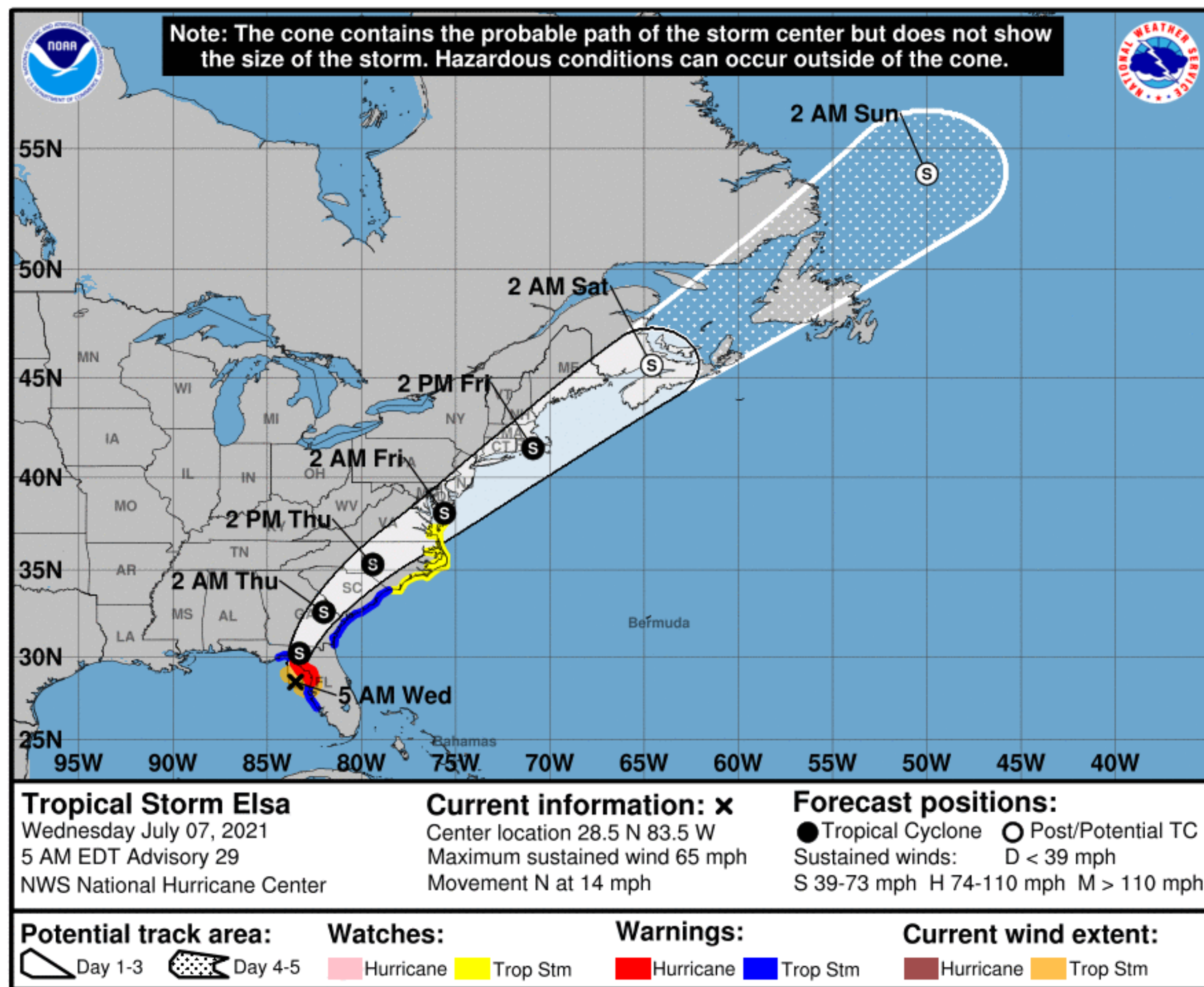
Tropical Storm Elsa

- Elsa expected to pass near or over southeast New England on Friday as a tropical storm
- Potential for heavy rainfall to the northwest of the storm's track
- Potential for wind gusts over 35 mph near and east 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.

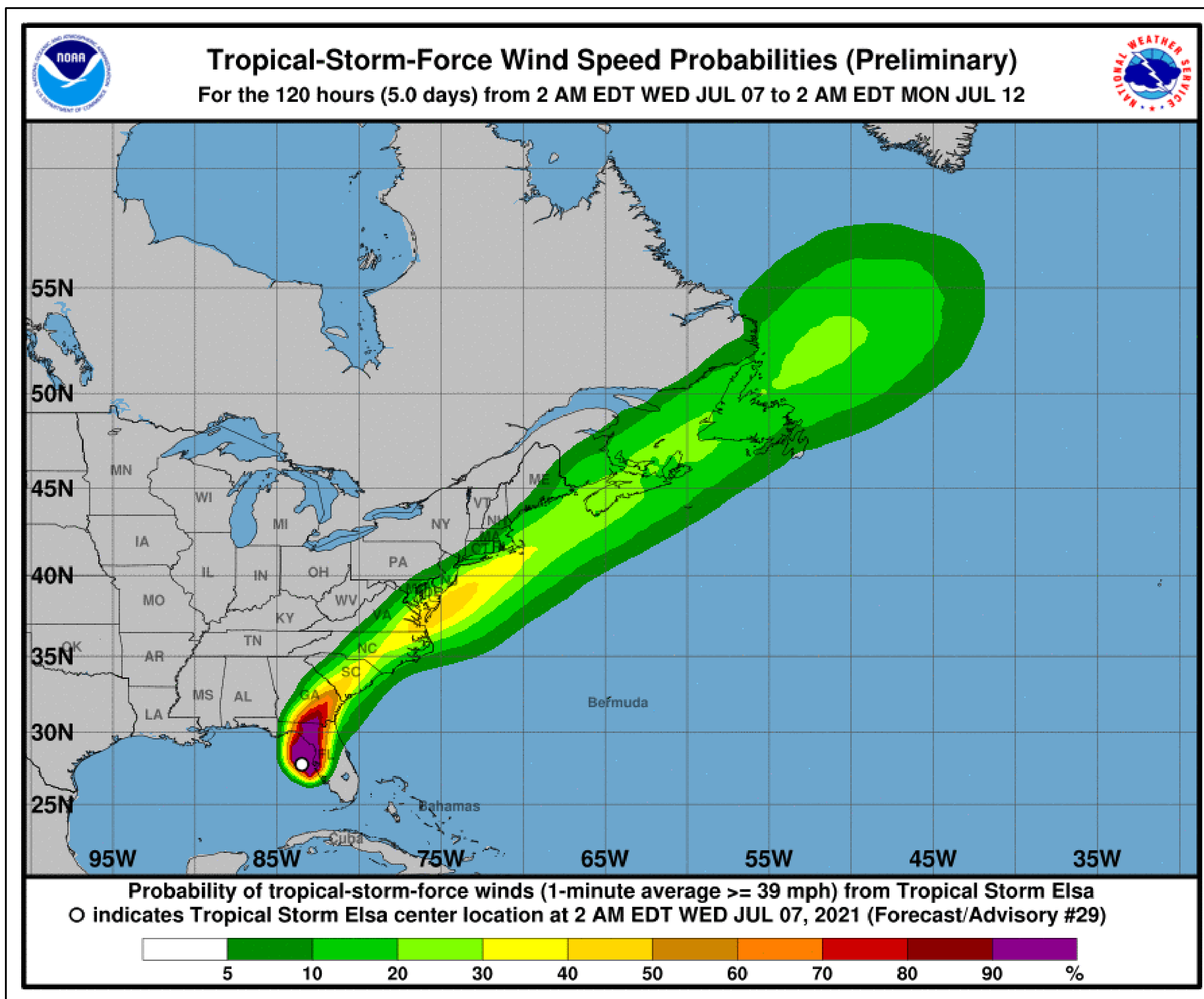
NOTE: Do not focus on the exact track.

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



Tropical Storm Wind Speed Probabilities

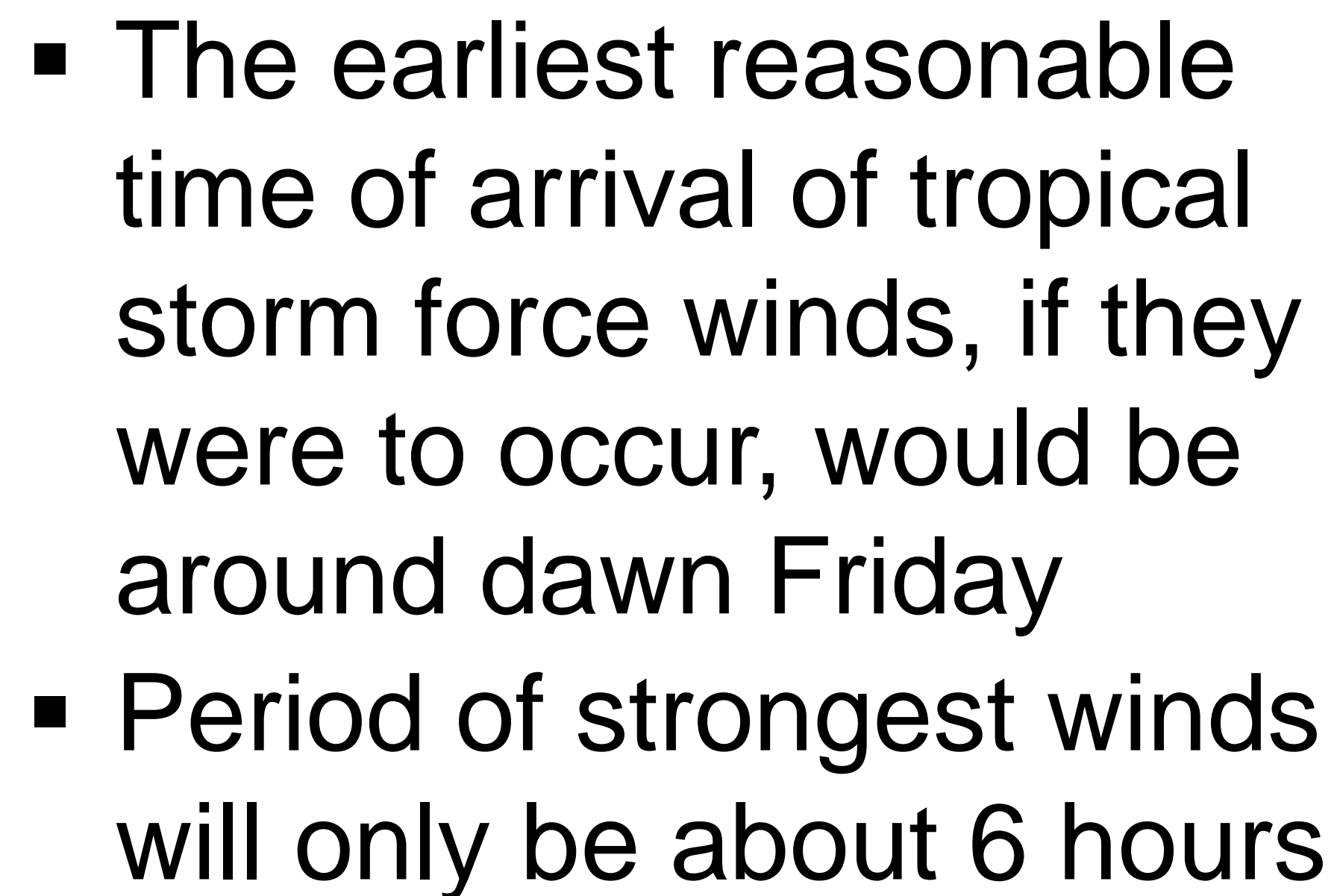
Tropical Storm Elsa



- Roughly 4 in 10 chance of winds reaching tropical storm force (40 mph) across the Islands.
- Roughly 2 in 10 chance of tropical storm force winds across eastern CT, RI into eastern MA. There is roughly a 3 in 10 chance of tropical storm force winds for Southeast MA.



Tropical Storm Elsa

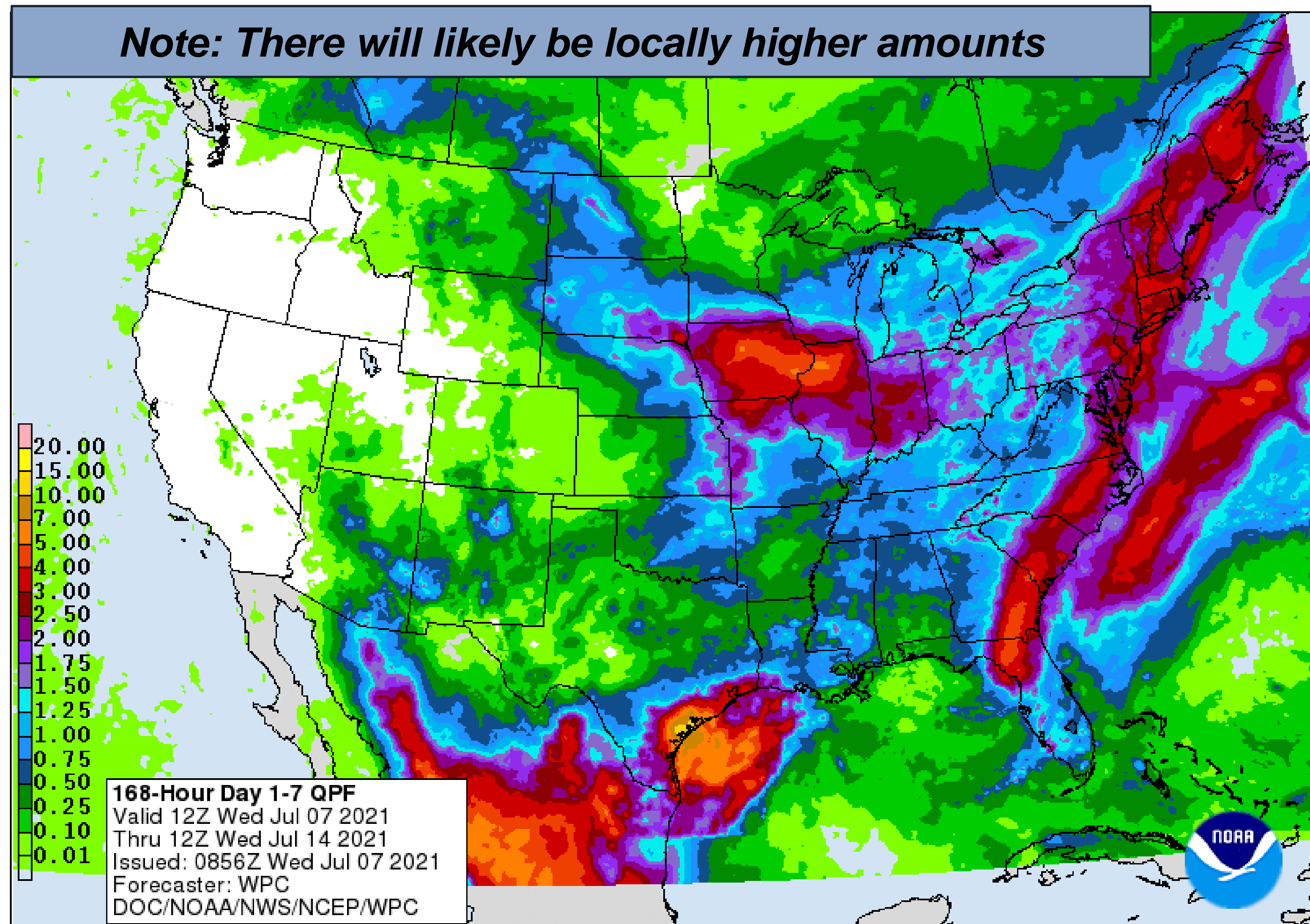




Expected Storm Total Rainfall

Tropical Storm Elsa

Note: There will likely be locally higher amounts



- Elsa could produce 1-3" of rain, primarily to the northwest of the storm track. Higher risk area is Rhode Island, Southeast MA, Cape & Islands
- Map shows the 7-Day total rainfall through July 14
- Note: Total shown on map includes expected rainfall from thunderstorms today and Thursday 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 east 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 northwest 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 1 PM Method: Email

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