



TROPICAL STORM HENRI BRIEFING

5:30 PM EDT

Thursday, August 19, 2021

What has changed: Track slightly farther west
Next Briefing: Friday, August 20 by 6 AM EDT

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



Situation Overview

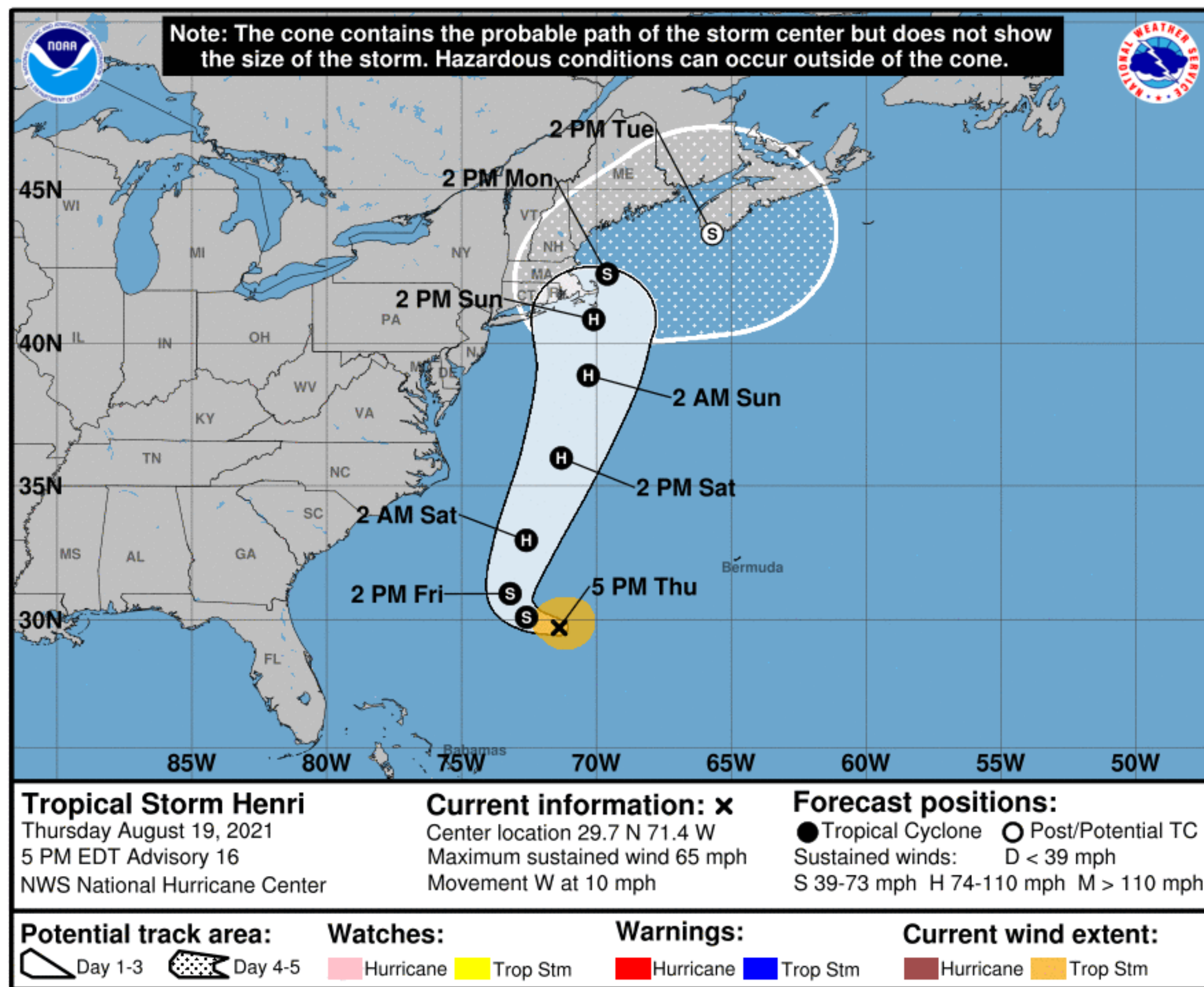
Tropical Storm Henri

- Increasing threat for landfall somewhere near Cape Cod and the Islands.
- Storm timing has sped up with main impacts arriving on Sunday but Henri expected to slow down as it approaches/moves through.
- Threats include:
 - Damaging wind, mainly along and east of track
 - Storm surge flooding and significant erosion along eastern MA coast
 - Flooding rain along and west of track
 - High surf and rip currents beginning Saturday



Situation Overview

Tropical Storm Henri



- No Watches or Warnings in effect.
- Cone represents historical error
 - Storm stays within cone 2/3 of time
 - Storm can track outside 1/3 of time

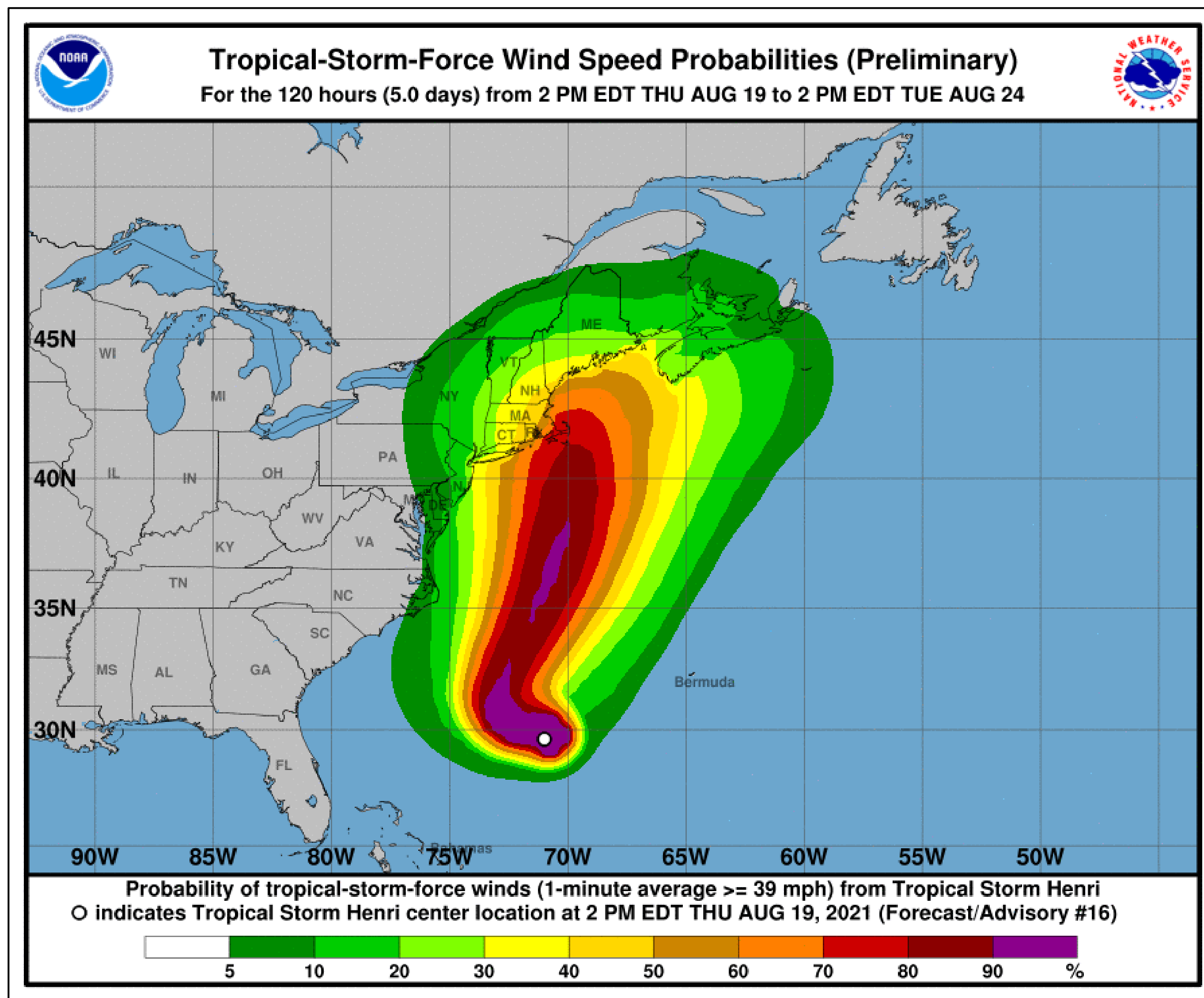
NOTE: Do not focus on the exact track.

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



Tropical Storm Wind Speed Probabilities

Tropical Storm Henri

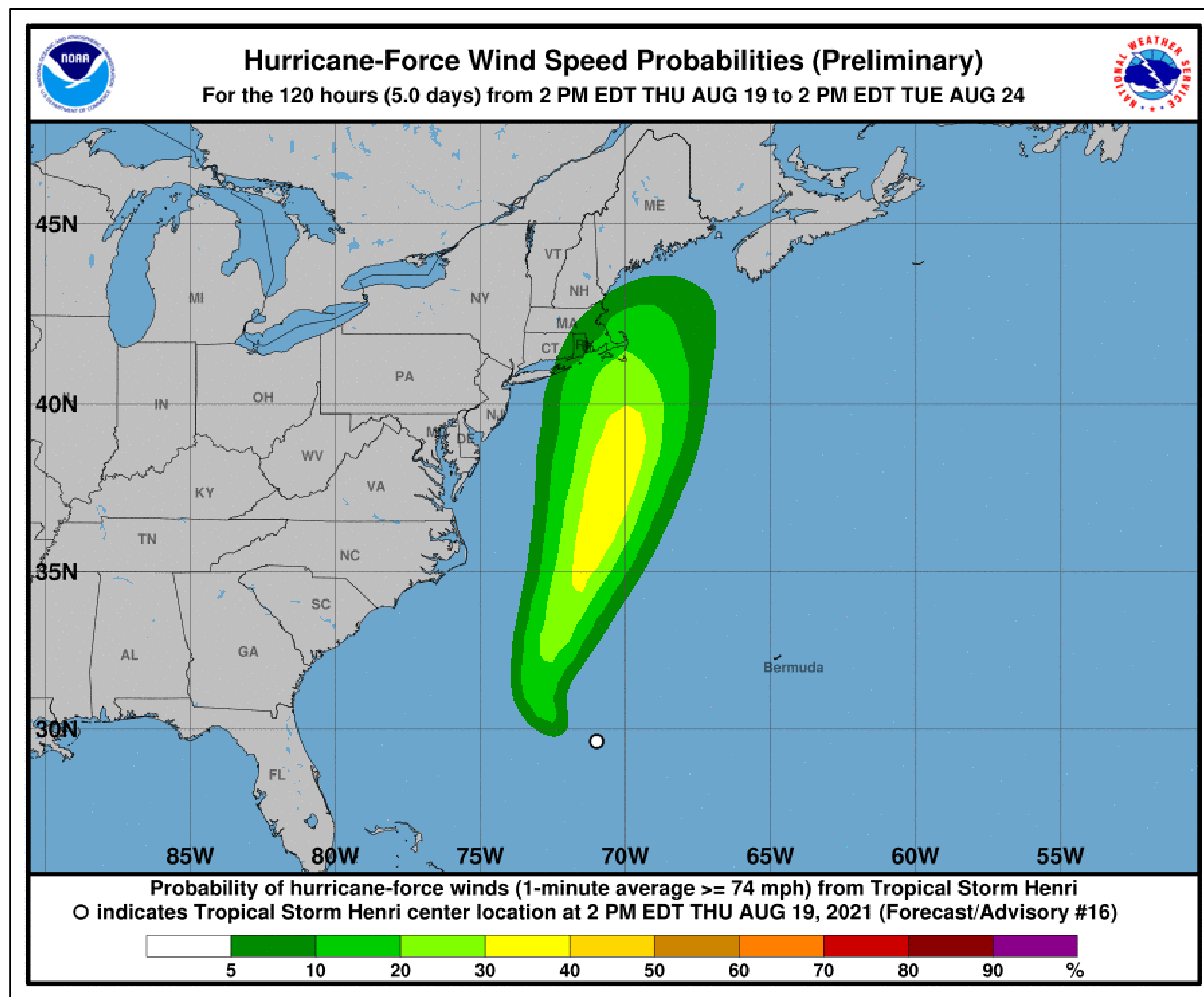


- Highest probability over Cape Cod and the Islands, as well as the adjacent coastal waters.



Hurricane Wind Speed Probabilities

Tropical Storm Henri

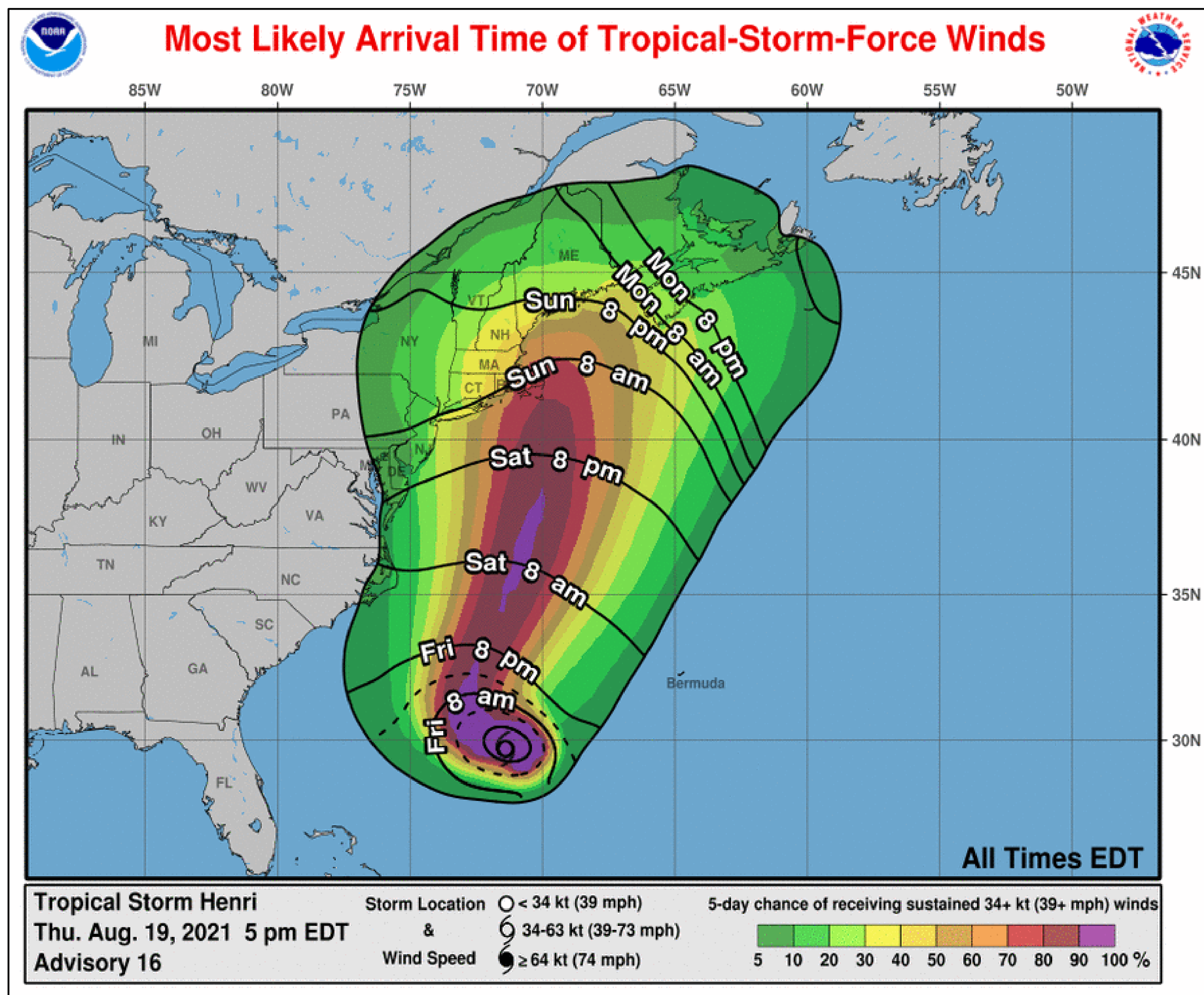


- Highest probability over Cape Cod and the Islands, as well as the adjacent coastal waters.



Most Likely Time of Arrival

Tropical Storm Henri



- The most likely time of arrival of tropical storm force winds is Sunday morning.
- However, this area could see tropical storm force winds as early as Saturday night.



Key Take-Aways

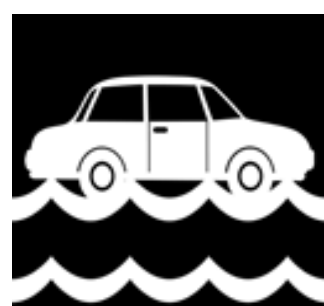
Tropical Storm Henri

Confidence is high that the event will occur Sunday into Monday

Confidence is high regarding impacts for Cape Cod and the Islands and moderate elsewhere



Damaging winds possible, especially along and east of Henri's track.



Surge flooding likely, but extent and locations will depend on exact track. Currently, the highest risk is along the eastern MA coast, including Cape Cod Bay. Significant erosion.




Rainfall flooding likely. Potential exists for 3 to 6 inches of rain with local 8 inch amounts in areas along and west of Henri's track.





Dangerous marine conditions – tropical storm or even hurricane-force winds and high seas. High surf and rip current beginning as early as Saturday.





Next Briefing: Friday, August 20 by 6 AM EDT Method: Email


**Web:** <http://weather.gov/boston>

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

**E-mail:** box.operations@noaa.gov

**Facebook:** NWSBoston

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