TROPICAL STORM HENRI BRIEFING

5:00 AM ET
Thursday, August 19, 2021

What has changed: First briefing.
Next Briefing: Thursday, August 19 by 6 PM EDT

Disclaimer: The information contained within is time-sensitive. Do not use after 6:00pm EDT Thursday.
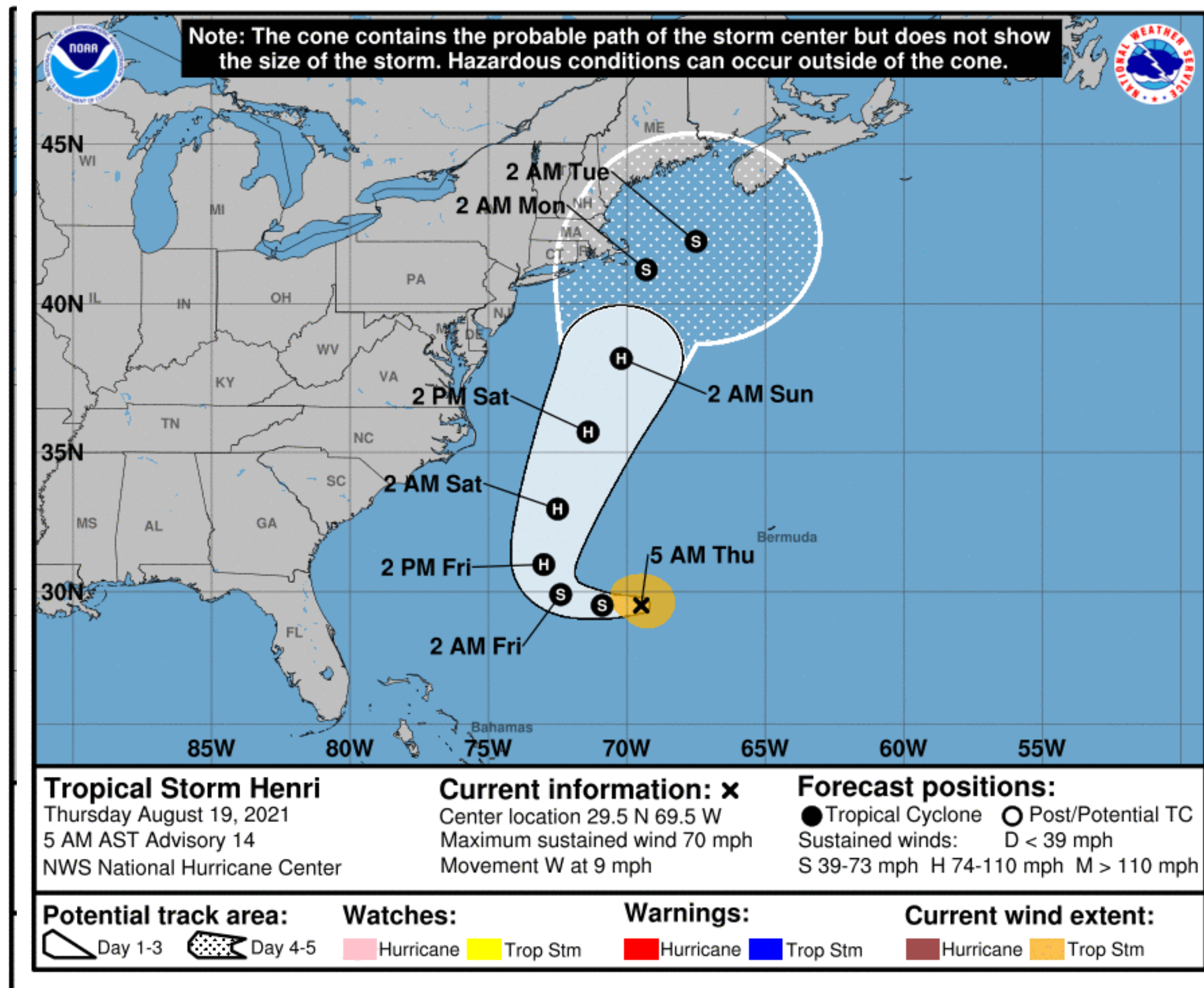
- Increasing threat for at least a glancing blow from Henri, if not landfall somewhere near Cape Cod and the Islands.

- Storm timing looks to be Sunday into Monday as either a strong tropical storm or possibly a Category 1 hurricane.

- Threats include:

  - Damaging wind east of track

  - Storm surge flooding along eastern MA coast – dependent upon track
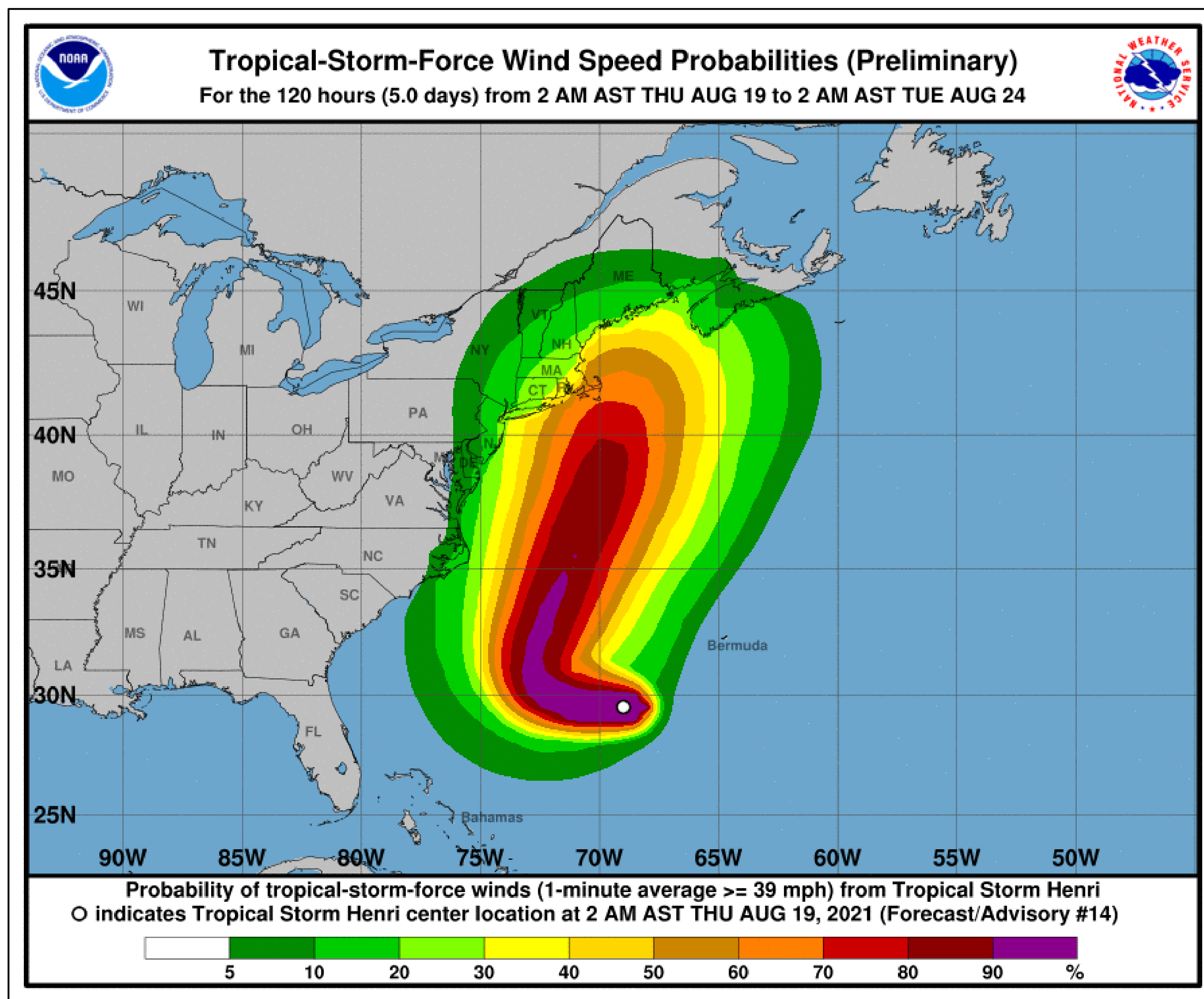
  - Flooding rain along and west of track

- 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-Force Wind Speed Probabilities (Preliminary)
For the 120 hours (5.0 days) from 2 AM AST THU AUG 19 to 2 AM AST TUE AUG 24

Probability of tropical-storm-force winds (1-minute average >= 39 mph) from Tropical Storm Henri
○ indicates Tropical Storm Henri center location at 2 AM AST THU AUG 19, 2021 (Forecast/Advisory #14)
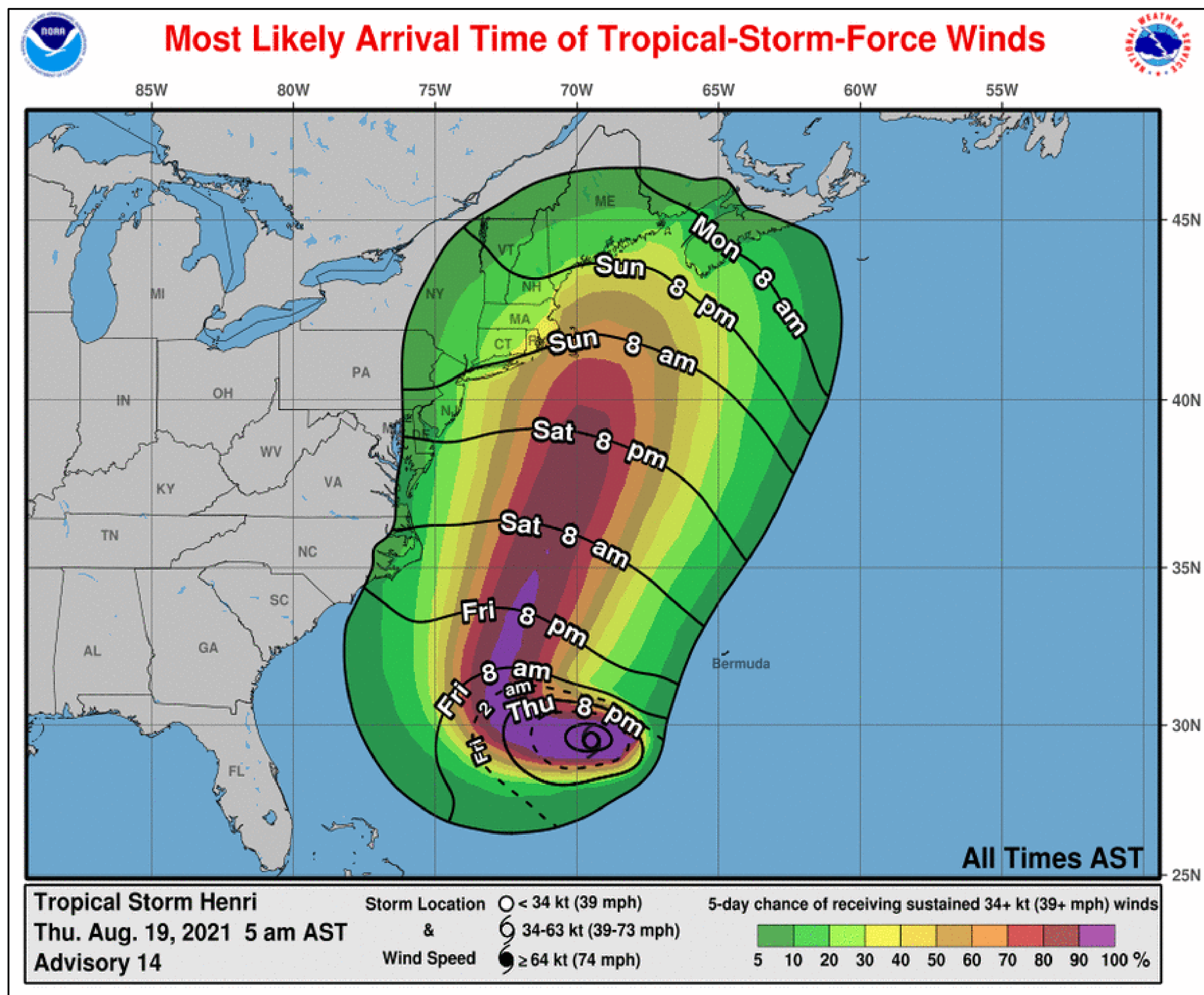
| 5 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | % |

- Highest probability near the South Coast and especially on Cape Cod and the Islands, as well as the adjacent coastal waters.

Most Likely Arrival Time of Tropical-Storm-Force Winds

All Times AST

Tropical Storm Henri
Thu. Aug. 19, 2021 5 am AST
Advisory 14

Storm Location & Wind Speed
○ < 34 kt (39 mph)
◔ 34-63 kt (39-73 mph)
● ≥ 64 kt (74 mph)

5-day chance of receiving sustained 34+ kt (39+ mph) winds
5 10 20 30 40 50 60 70 80 90 100 %

- The most likely time of arrival of Tropical Storm Force Winds is Sunday morning

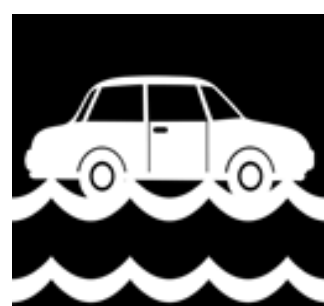- *However*, this area could see Tropical Storm Force Winds as early as Saturday night

Confidence is high that the event will occur
Confidence is moderate regarding impacts – timing is Sunday into Monday

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

Surge flooding possible – locations depend on track which is uncertain at this time.

Rainfall flooding possible, especially along and west of Henri's track.

Dangerous marine conditions – tropical storm or even hurricane-force winds and high seas.

Next Briefing:
Thursday, August 19 by 6 PM 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*