



# TROPICAL STORM HENRI BRIEFING

5:00 AM ET  
Friday, August 20, 2021

What has changed: Westward track shift. Hurricane Watches and  
Storm Surge Watches issued.

Next Briefing: Friday, August 20 by 6 PM EDT

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



# Situation Overview

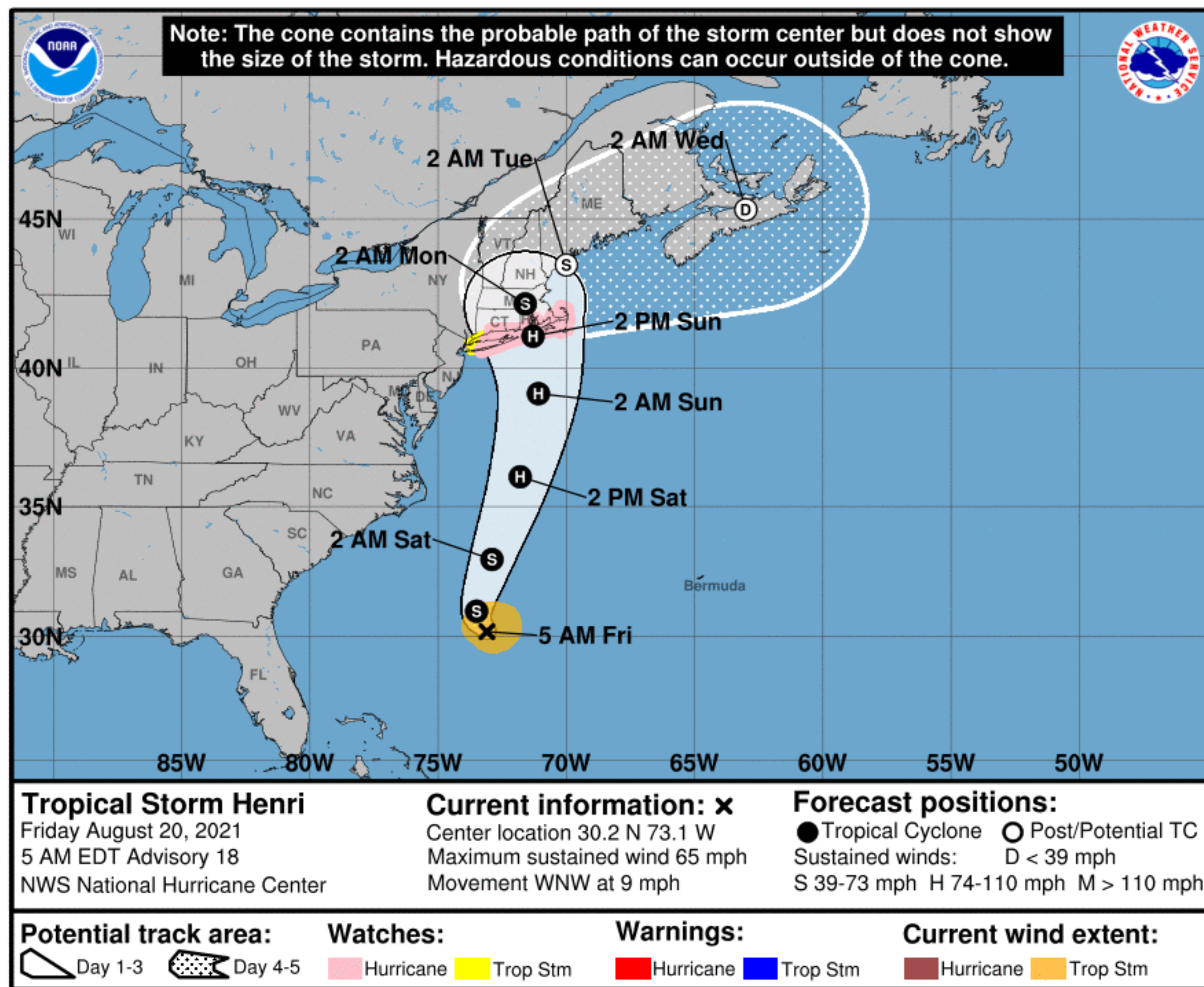
## Tropical Storm Henri

- Increasing threat for a landfall from Henri somewhere in southern New England
- 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 and erosion along the south coast – dependent upon track
  - Flooding rain



# Situation Overview

## Tropical Storm Henri



- Hurricane Watches for the southern New England coast as far north as Sagamore Beach
- Storm Surge Watches for the southern New England coast as far north as Sagamore Beach
- 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.

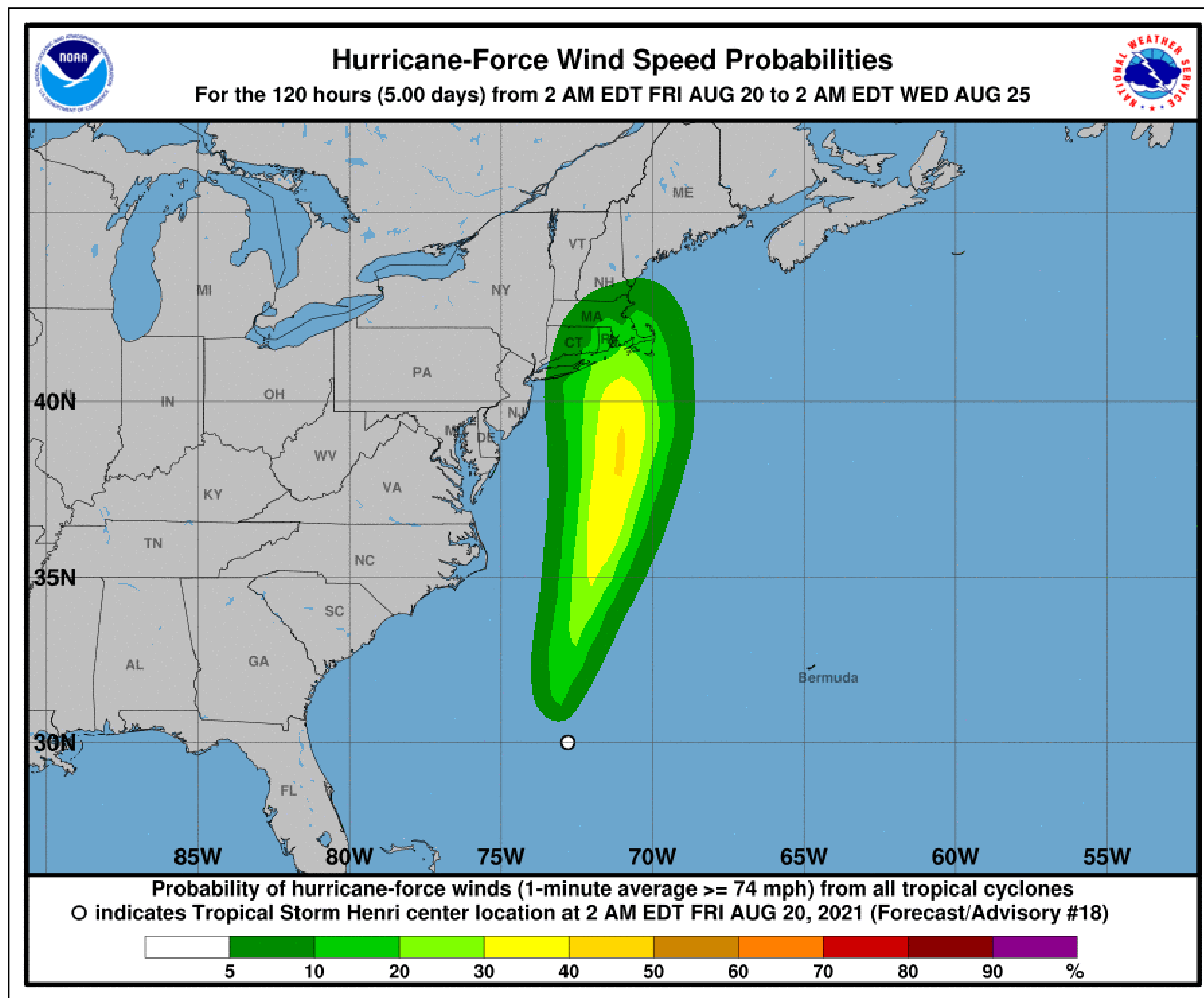
Impacts can occur well outside the area enclosed by the cone.





# Hurricane Wind Speed Probabilities

Tropical Storm Henri

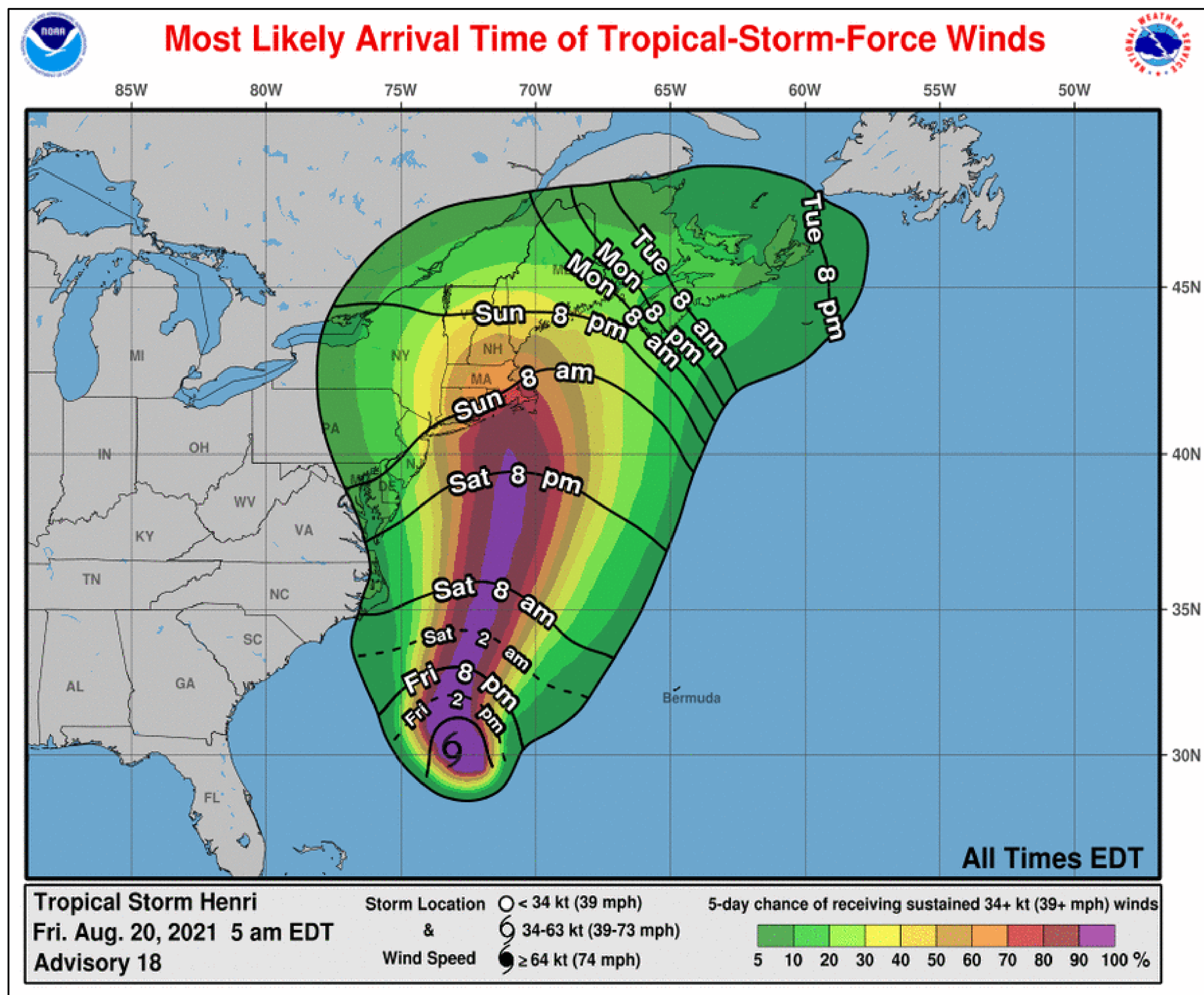


- Highest probability over Cape Cod and the Islands, as well as adjacent coastal waters.



# Most Likely Time of Arrival

Tropical Storm Henri



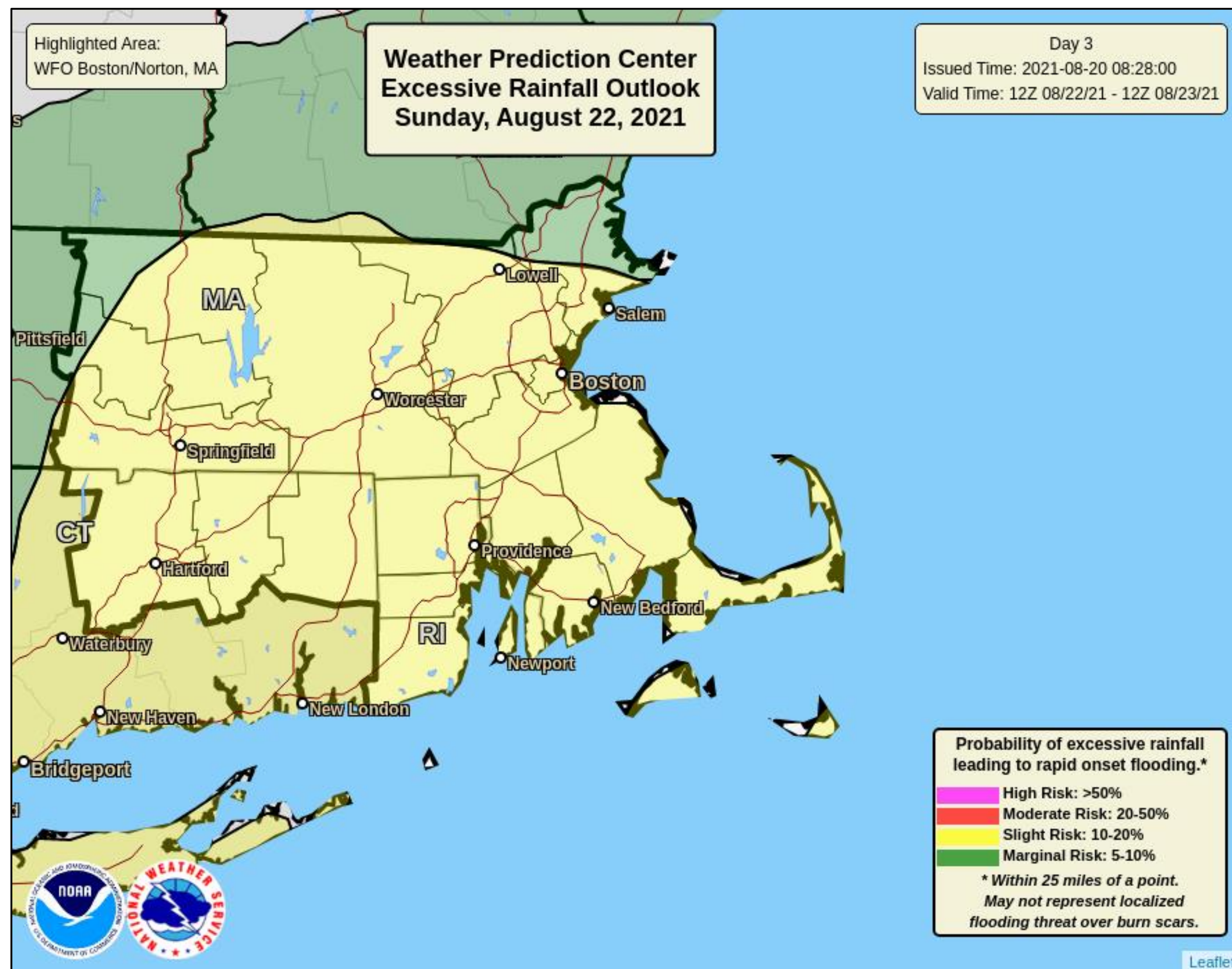
- The most likely time of arrival of Tropical Storm Force Winds is Sunday morning
- However, this area could see Tropical Storm Force Winds as early as Saturday night





# Excessive Rainfall Outlook

Tropical Storm Henri



- Areas outlined in yellow have the greatest potential for flash flooding on Sunday





# Key Take-Aways

## Tropical Storm Henri

Confidence is high that the event will occur Sunday into Monday

Confidence is moderate regarding impacts



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



Surge flooding possible, especially along the south coast – 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: Friday, August 20 by 6 PM EDT Method: Email


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