



# TROPICAL STORM HENRI BRIEFING

5:30 PM EDT  
Sunday, August 22, 2021

What has changed: No more tropical storm or surge warnings;  
Coastal Flood Advisory for RI and MA coasts  
Next Briefing: Monday, August 23 by 6 AM EDT

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



# Situation Overview

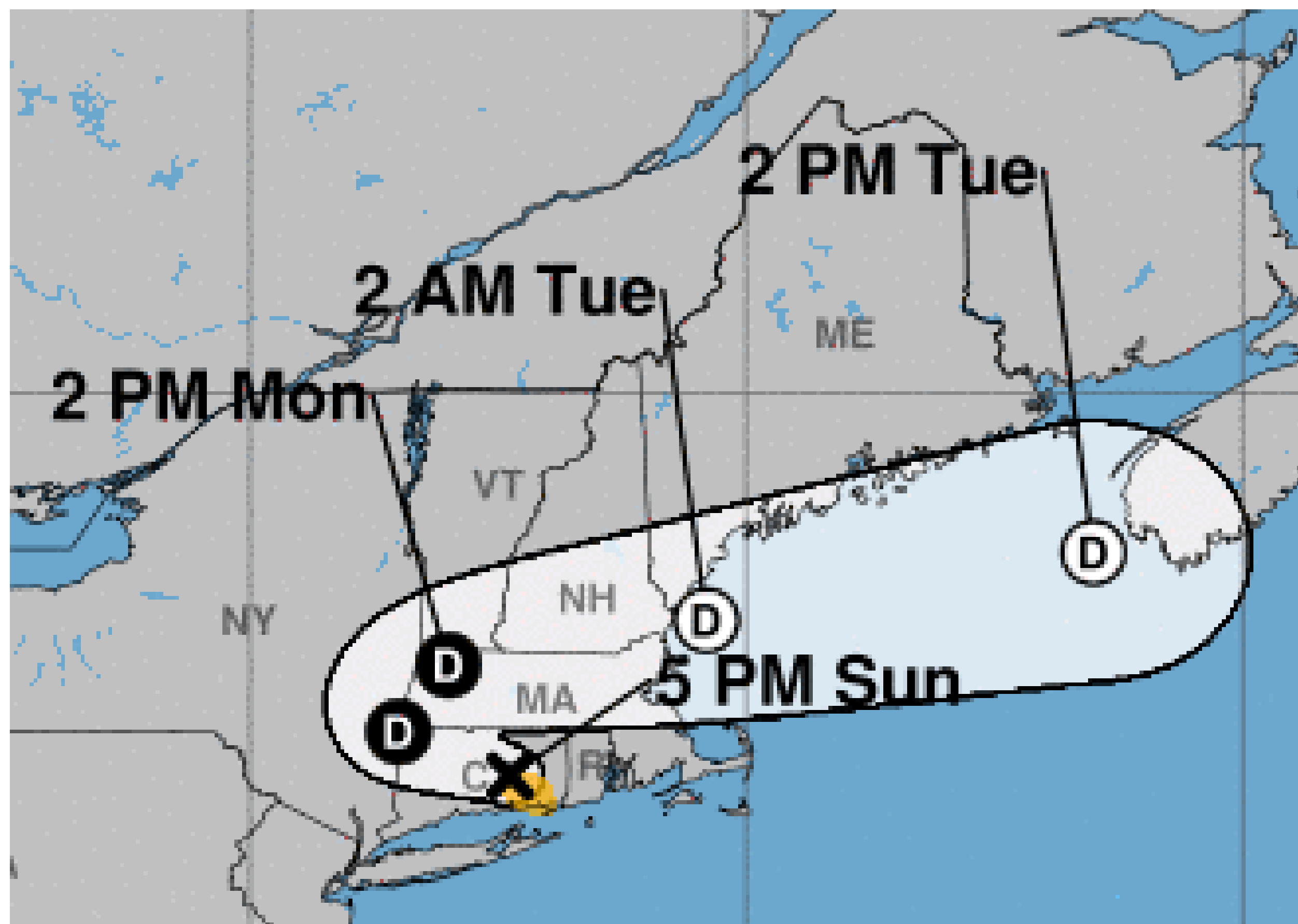
## Tropical Storm Henri

- Henri has weakened to a minimal tropical storm, with winds of 40 mph. It will continue northwestward overnight and weaken further. Remnants will head eastward again on Monday.
- Heavy rainfall in western MA and northern CT early this evening will shift westward into NY overnight.
- Any gusty winds will subside this evening.
- Surges of 1 to 1.5 feet along the RI and MA coastline may lead to minor coastal flooding and a few road closures around the times of high tide tonight.
- Showers and some thunderstorms will redevelop Monday in western portions of southern New England, then spread eastward across the entire region. Heavy downpours with saturated soils could quickly lead to localized flash flooding Monday. Also, there is a low risk of an isolated tornado.
- Concern for areas with any lingering power outages, since Heat Index values climb to 90 degrees Tuesday and mid/upper 90s mid-week.











# Henri Track Forecast

Tropical Storm Henri



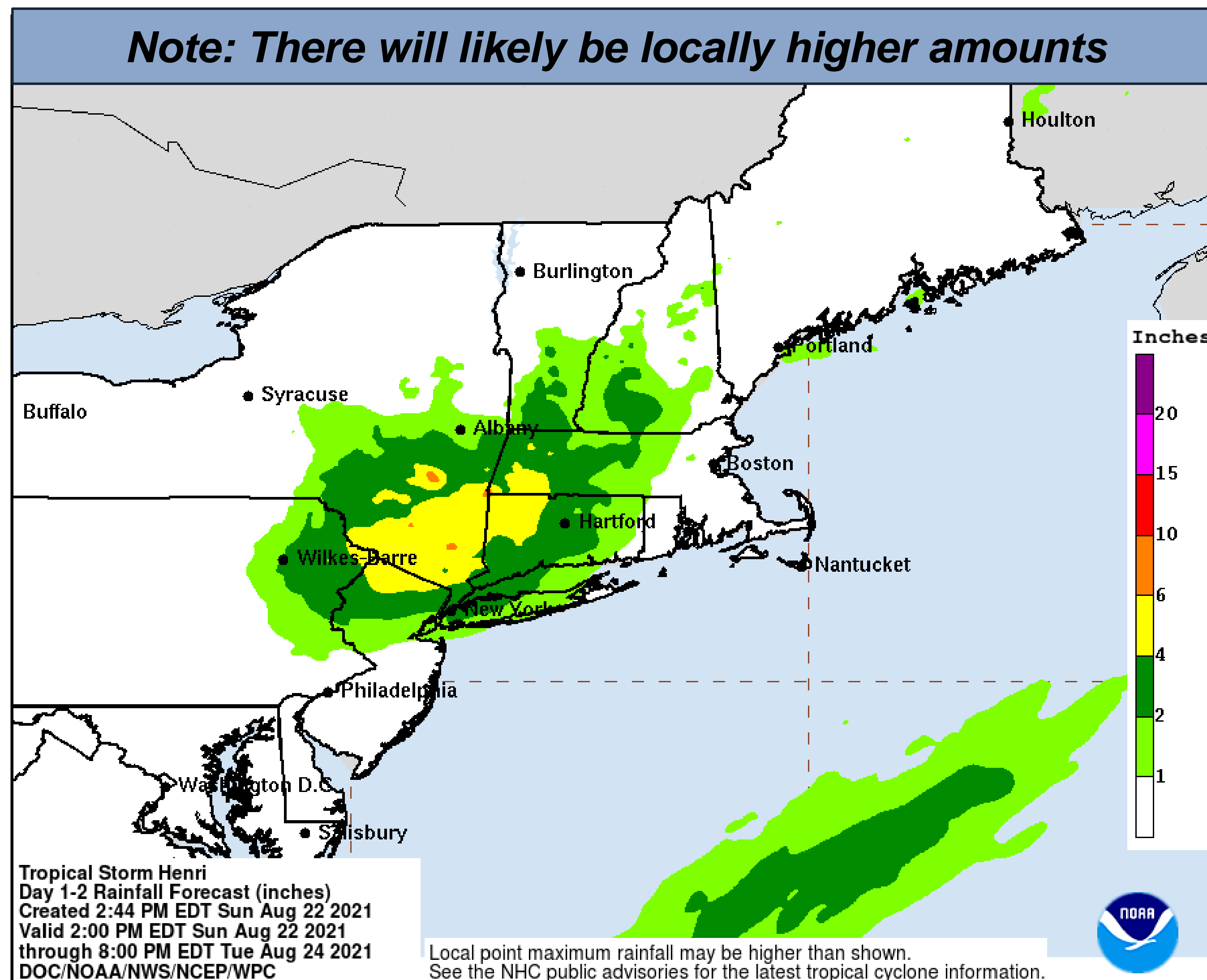
- Henri is forecast to weaken to a depression in the Berkshires overnight, then head eastward during the day Monday.

|   |  |   |  |   |  |
|---|--|---|--|---|--|
| <b>Tropical Storm Henri</b><br>Sunday August 22, 2021<br>5 PM EDT Advisory 28<br>NWS National Hurricane Center  |  | <b>Current information: x</b><br>Center location 41.6 N 72.4 W<br>Maximum sustained wind 40 mph<br>Movement WNW at 7 mph  |  | <b>Forecast positions:</b><br>● Tropical Cyclone   ○ Post/Potential TC<br>Sustained winds:   D < 39 mph<br>S 39-73 mph   H 74-110 mph   M > 110 mph   |  |
| <b>Potential track area:</b><br> Day 1-3  Day 4-5 |  | <b>Watches:</b><br> Hurricane  Trop Stm |  | <b>Warnings:</b><br> Hurricane  Trop Stm            |  |
|   |  |   |  | <b>Current wind extent:</b><br> Hurricane  Trop Stm |  |



# Expected Storm Total Rainfall

Tropical Storm Henri



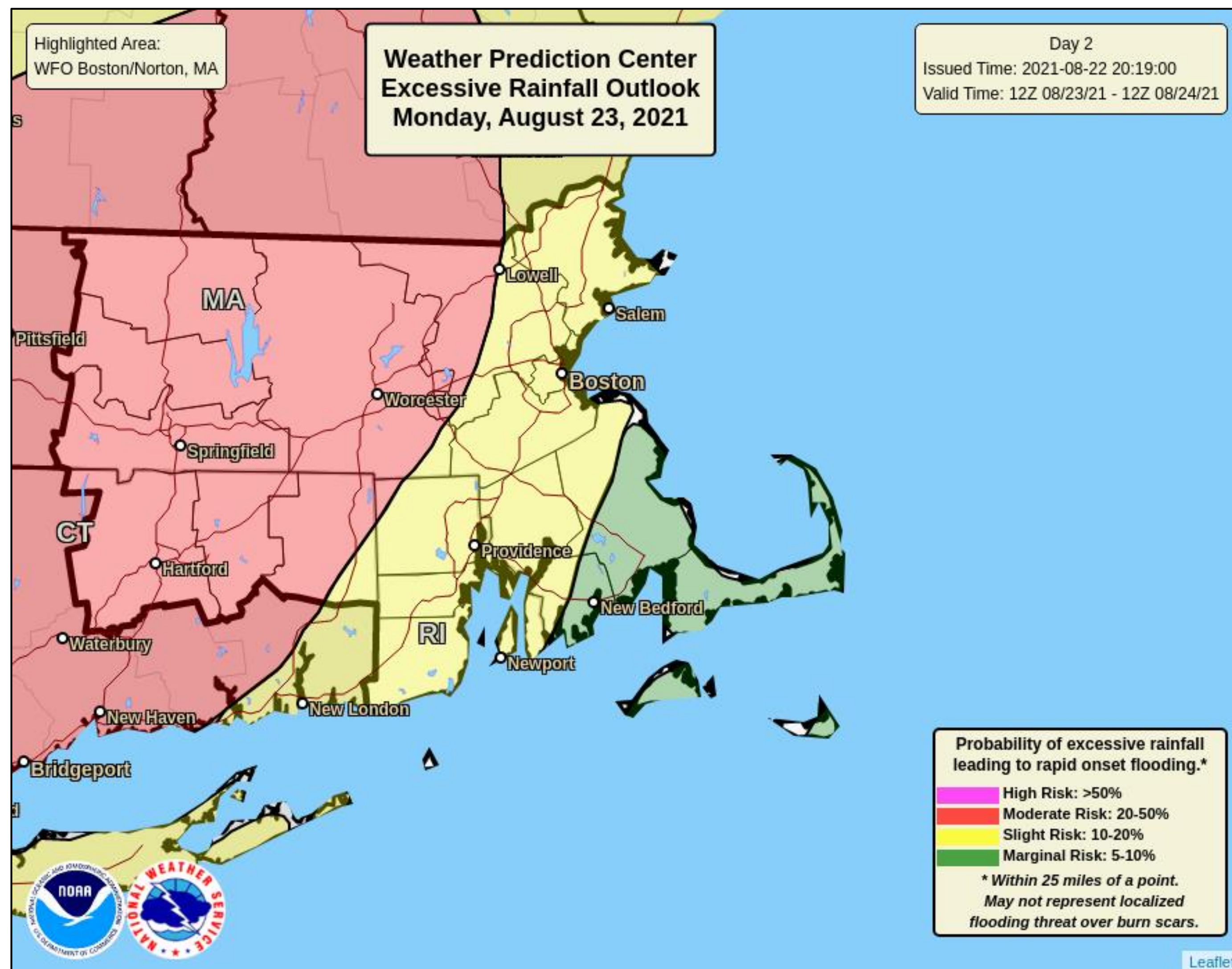
- Additional rainfall totals of 2 to 6 inches are possible in western MA and northwestern CT – *starting from 2 PM this afternoon through 8 PM Tuesday evening.*





# Excessive Rainfall Outlook

Tropical Storm Henri



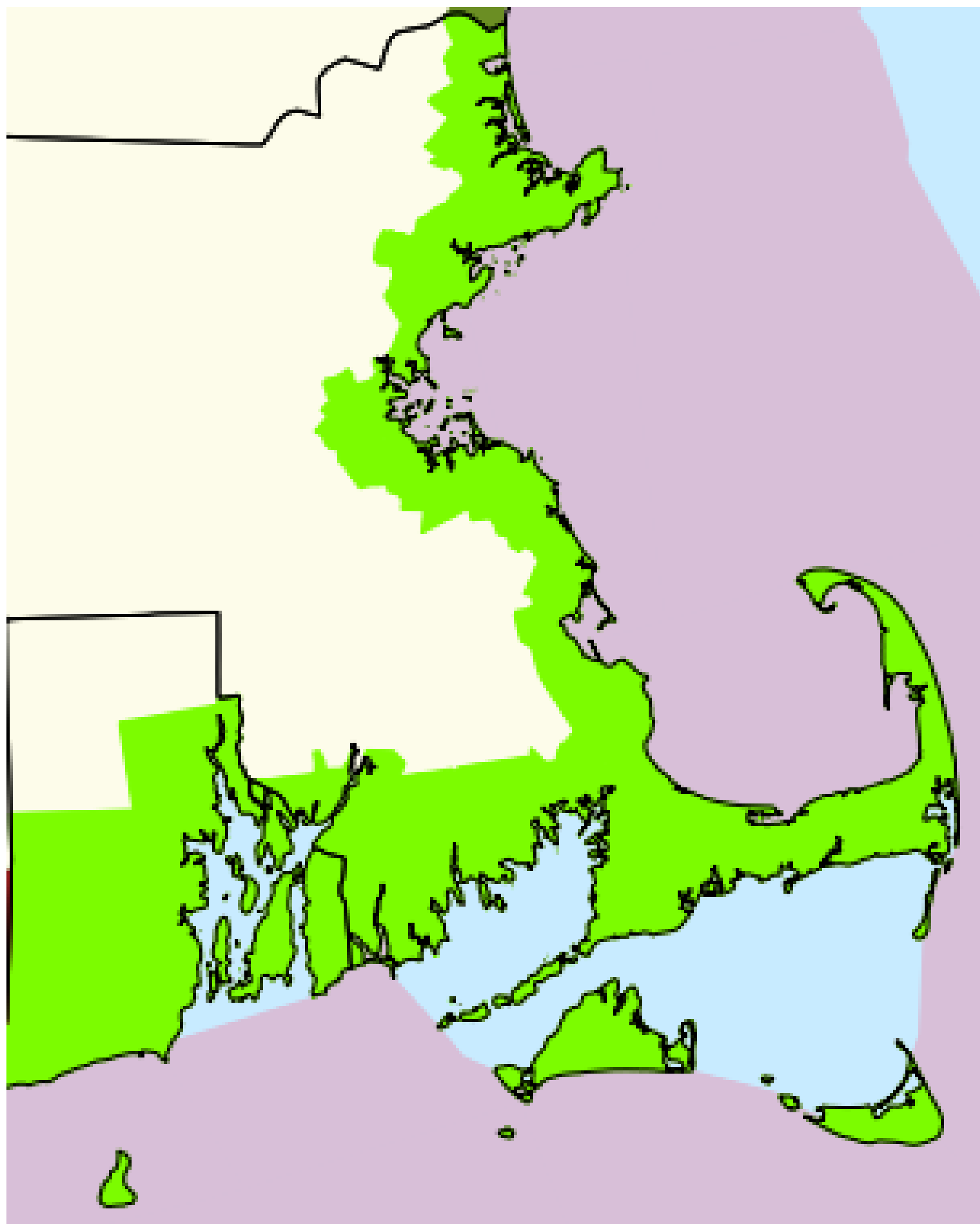
- Areas outlined in red have the greatest potential for flooding/flash flooding on Monday.
- Showers and thunderstorms are likely to develop Monday in western areas, then spread eastward across the region. Given saturated soils, this could quickly lead to isolated flash flooding.





# Coastal Flood Advisory

Tropical Storm Henri

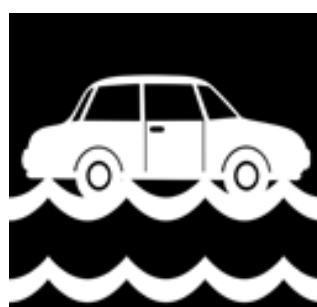


- Green shading shows that a Coastal Flood Advisory is in effect for the RI and MA coastlines tonight.
- Surges of 1 to 1.5 feet may still cause some minor coastal flooding, with a few roadways being closed, at the times of high tide this evening along the south coast and around midnight on the east coast.



# Key Take-Aways

Tropical Storm Henri




Minor coastal flooding is possible overnight on the RI and MA coasts.





More rainfall could lead to flash flooding, especially as showers and thunderstorms redevelop Monday. There is also a low risk for an isolated tornado on Monday.





# Next Briefing: Monday, August 23 by 6 AM EDT Method: Email


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