

Dangerous Heat Today & Friday

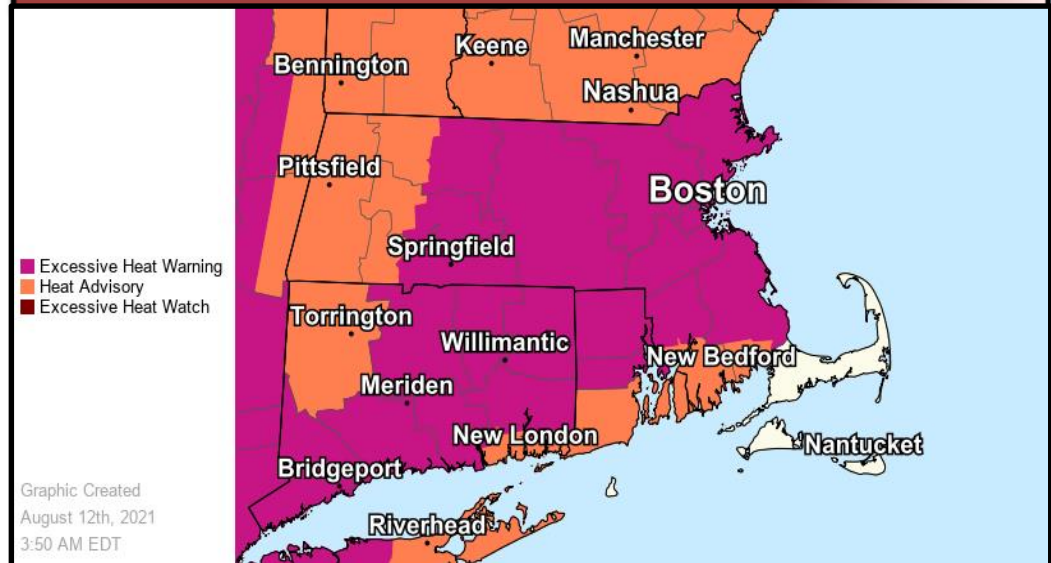
Severe Storms possible Today & Friday

National Weather Service

Decision Support Briefing # 3

Thursday, August 12, 2021 3:52 AM



Excessive Heat Hazards



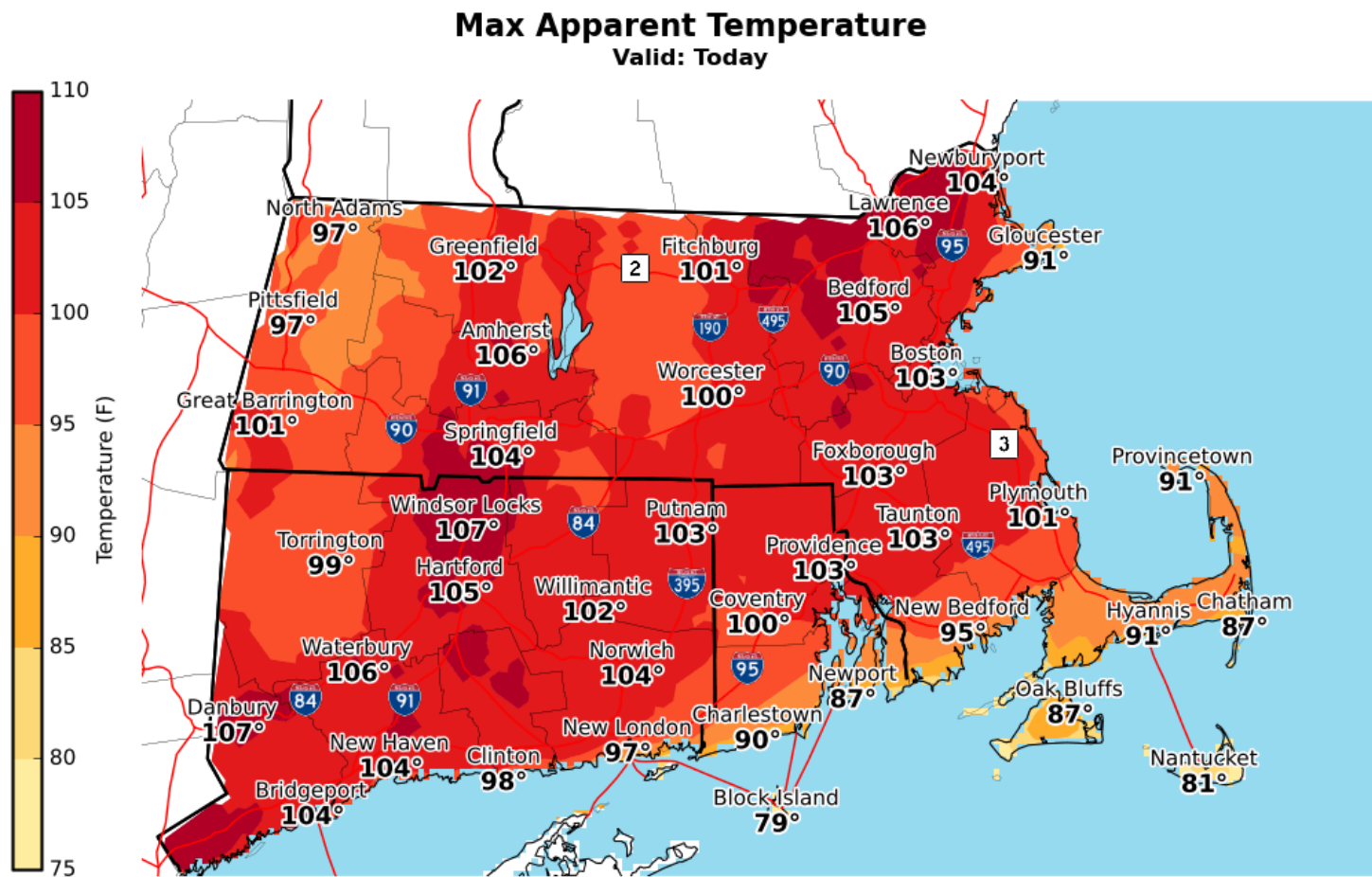
What Has Changed?

- ✓ Severe thunderstorm risk higher Today than previously messaged

Main Points

Hazard	Impacts	Location	Timing
Dangerous Heat 	Hot temperatures & high humidity may cause heat illnesses to occur	Much of southern New England except for Cape Cod and the Islands	Today through Friday during the afternoon hours. Heat index values 95-109
Severe Thunderstorms 	Localized damaging straight line winds & street flooding possible	Much of interior southern New England	Late afternoon into the evening. Timing of storms on Friday will depend on how storms evolve today.

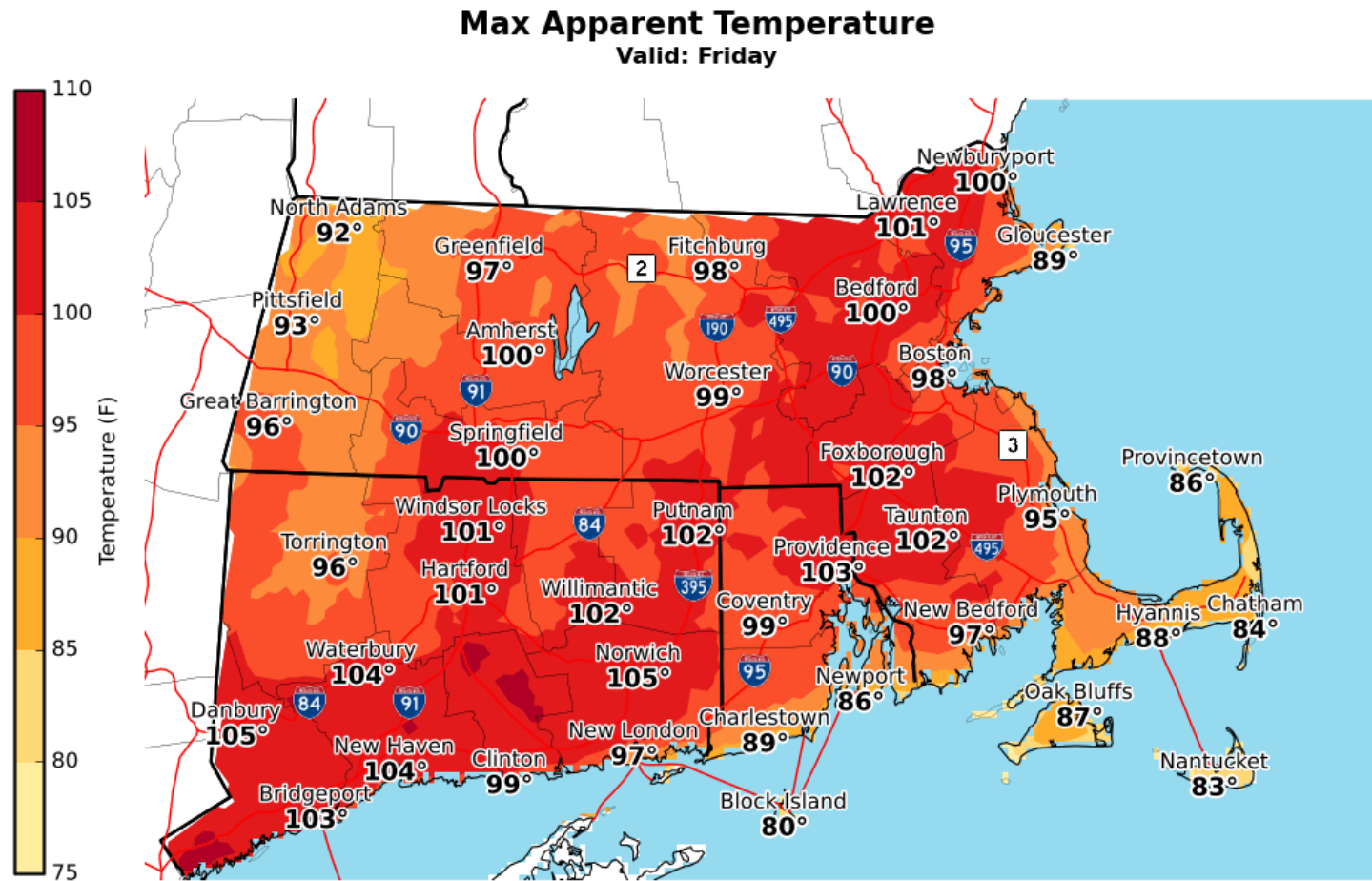
Forecast Maximum Heat Index Today



National Weather Service
Boston/Norton, MA
08/12/2021 03:53 AM EDT

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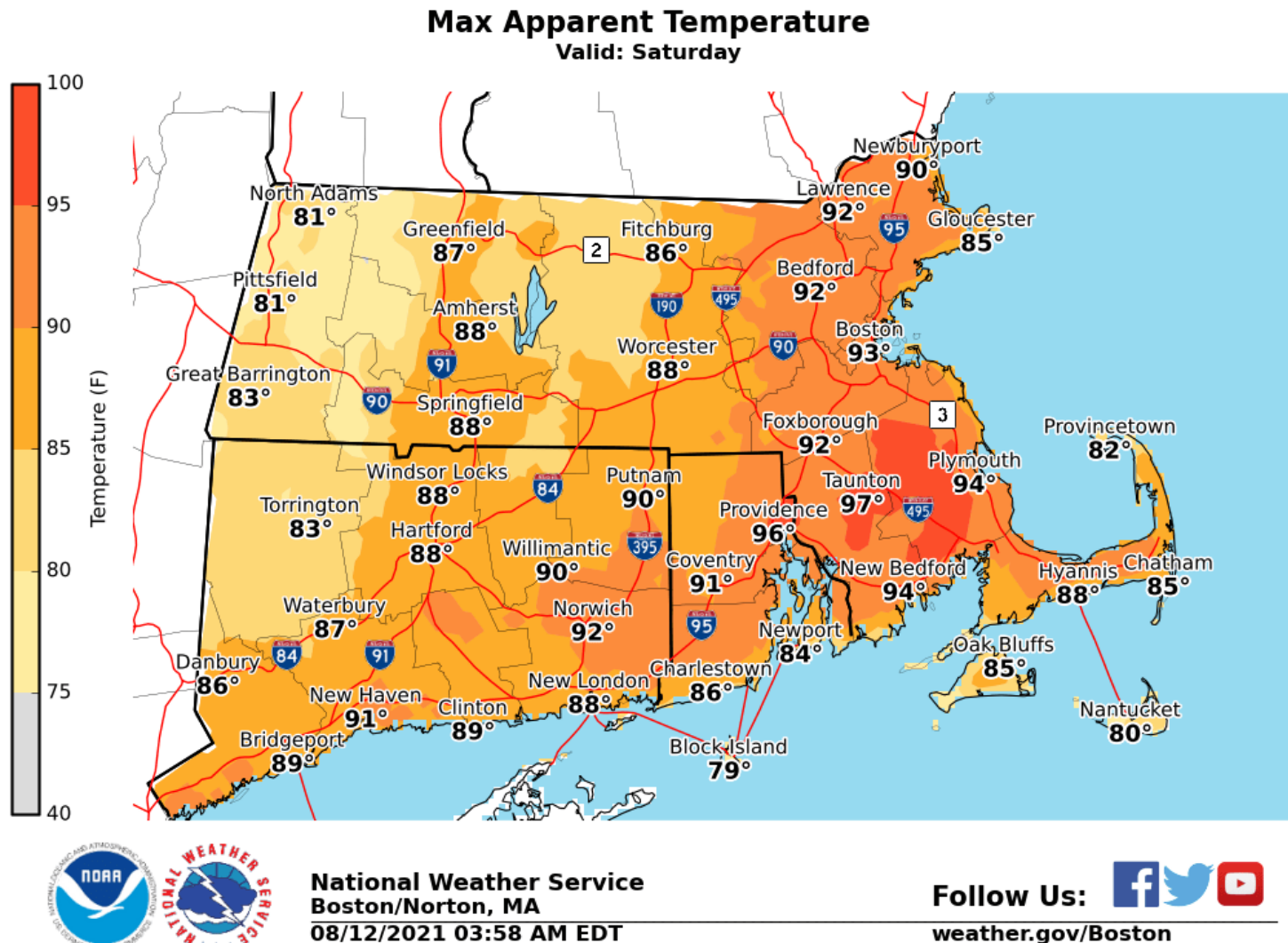
Forecast Maximum Heat Index Friday



National Weather Service
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Forecast Maximum Heat Index Saturday



Severe Weather Outlook – Today

SCATTERED STRONG TO SEVERE STORMS LATE AFTERNOON INTO THIS EVENING

WHAT

Scattered strong to severe thunderstorms

Main threats:

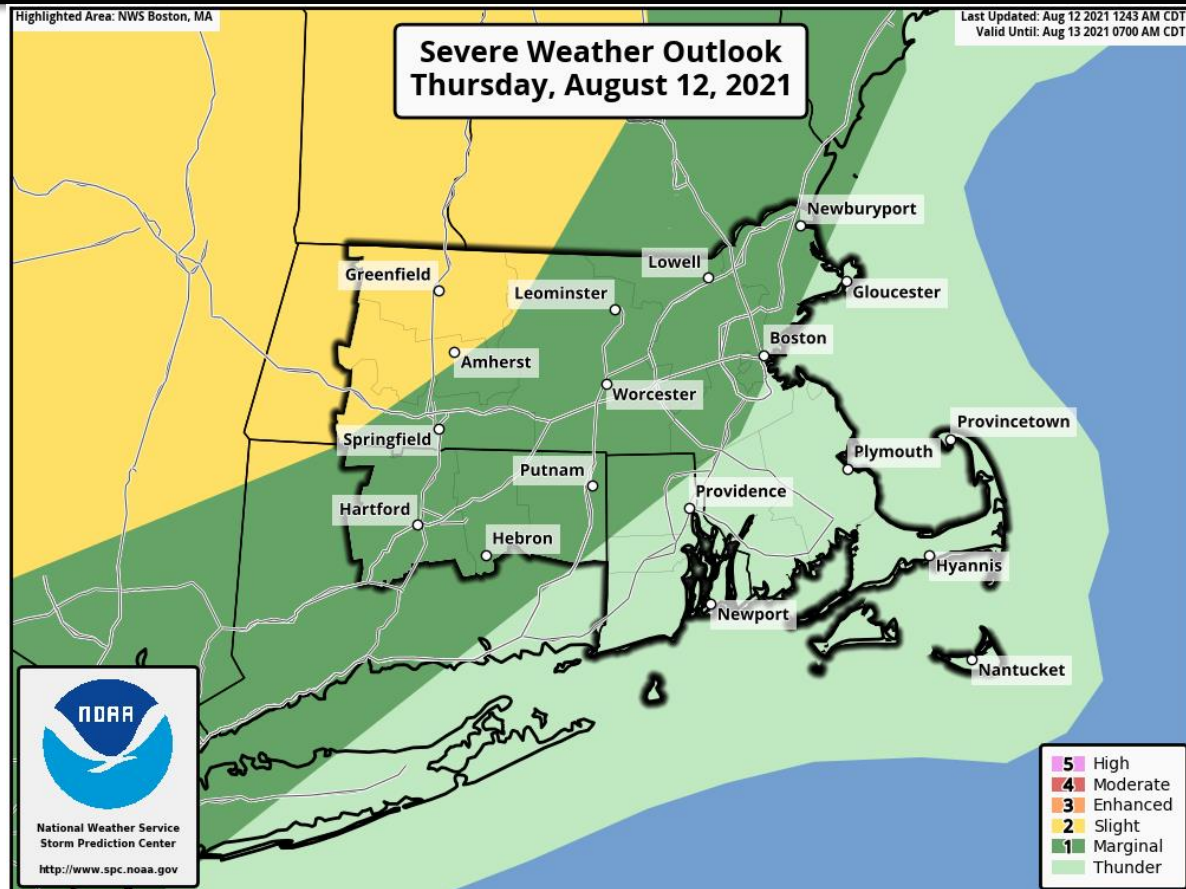
- Damaging straight-line wind gusts*
- Heavy downpours, which may lead to localized street flooding*

WHERE

Much of interior southern New England – risk highest across western MA & NW CT

WHEN

Mainly from 5 PM to 11 PM, but isolated storms could develop earlier.



Thunder	Marginal	Slight	Enhanced	Moderate
No Severe Lightning still possible	Isolated Severe Storms Possible	Scattered Severe Storms Possible	Numerous Severe Storms Possible	Widespread Severe Storms Likely

Severe Weather Outlook – Day 2

ISOLATED STRONG TO SEVERE STORMS FRIDAY

WHAT

Isolated strong to severe storms

Thunderstorm activity today will impact how things evolve on Friday, so confidence low at this point in time

Main threats:

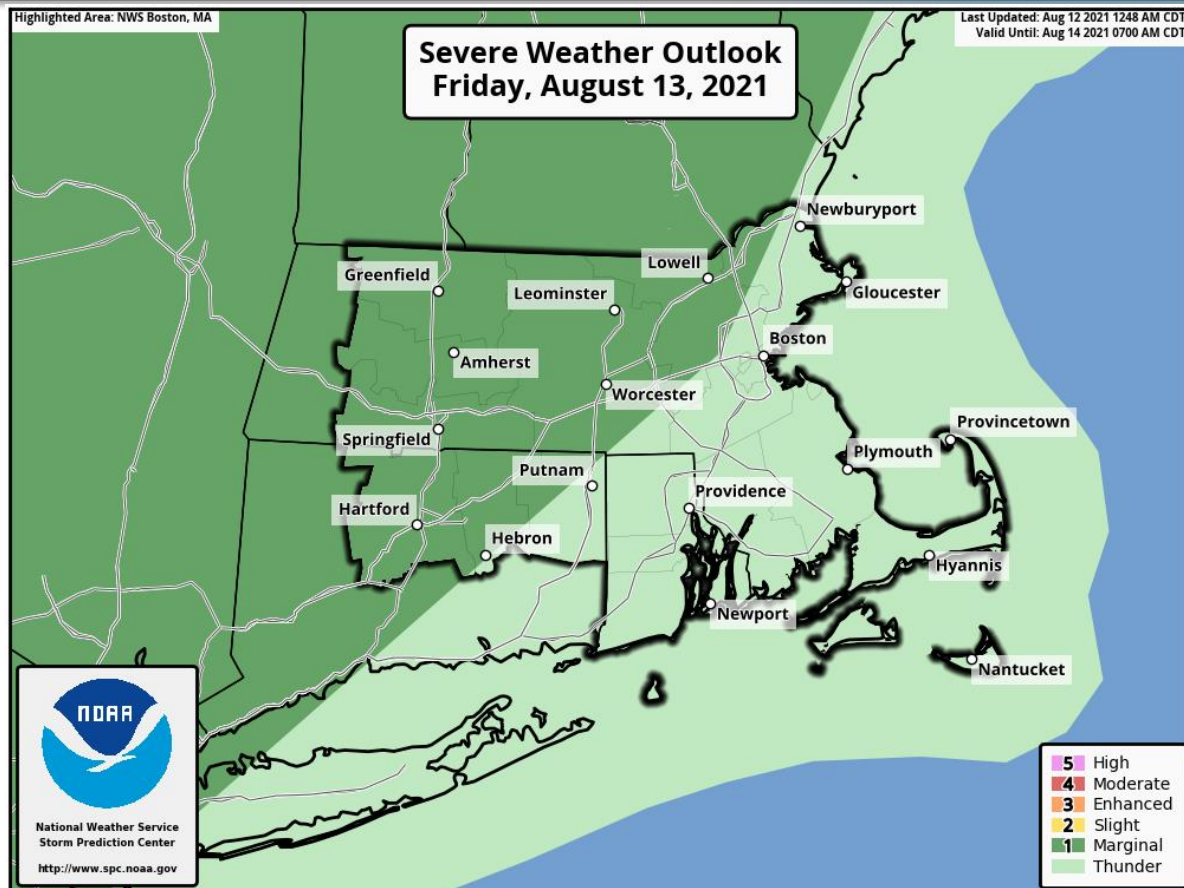
- Damaging straight line wind gusts
- Heavy downpours, which may lead to street flooding

WHERE

Much of interior southern New England

WHEN

Friday afternoon into the evening



Thunder	Marginal	Slight	Enhanced	Moderate
No Severe Lightning still possible	Isolated Severe Storms Possible	Scattered Severe Storms Possible	Numerous Severe Storms Possible	Widespread Severe Storms Likely

Threat Event Summary

Confidence:

- ✓ High in the dangerous heat risk
- ✓ Moderate confidence on the severe thunderstorm risk Today
- ✓ Lower confidence in the severe storm risk Friday

What:



Heat Index values of 95-105 today & Friday away from the immediate south coast, Cape Cod, and the Islands.

Oppressive heat & humidity will significantly increase the potential for heat related illnesses



Strong to severe thunderstorms possible later on Today & Friday

Main threats

- Damaging wind gusts
- Heavy downpours – could lead to localized flooding

Where & When:

- ✓ Heat risk for much of southern New England except Cape Cod & the Islands today through Friday
- ✓ Severe thunderstorm risk highest across interior portions of southern New England Today & Friday afternoon into the evening

Contact and Next Briefing Information

Next Briefing

When: 6 PM, Thursday, August 12th

Method: via email



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508-622-3250



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Disclaimer: The information contained within this briefing is time-sensitive,
do not use after 6 PM, Thursday, August 12th

