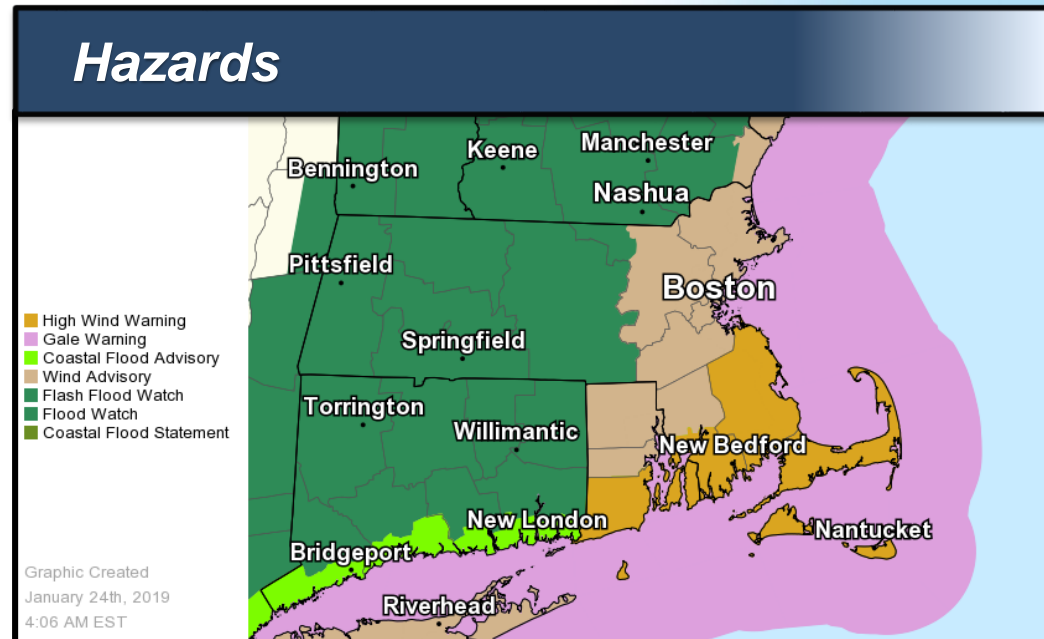


# Potential Flash Flooding Along with Strong to Damaging Winds Today





National Weather Service  
Decision Support Briefing # 3  
Thursday, January 24, 2019 4:06 AM

## What Has Changed?

- ✓ COASTAL FLOOD ADVISORY issued for south coastal RI and MA through Buzzards Bay.
- ✓ FLASH FLOOD WATCH continue across all of Southern New England, except the Islands.
- ✓ HIGH WIND WARNINGS and WIND ADVISORIES continue
- ✓ GALE WARNINGS on all waters.



# Main Points

Hazard	Impacts	Location	Timing
<p><b>Heavy Rain &amp; Snow Melt Contributing to Flooding</b></p> 	<p>Urban / poor drainage flooding, especially wherever drains may be clogged by snow &amp; ice; potential for flooded basements; minor river flooding forecast</p>	<p>All of Southern New England</p>	<p>Heaviest rain occurs late morning into early afternoon Thursday</p> <p><b>1 to 2 inches with locally higher amounts + snow melt</b></p>
<p><b>Strong to Damaging Winds</b></p> 	<p>Potential for downed limbs, trees and power outlines</p> <p>Scattered power outages expected</p>	<p>All of Southern New England especially S&amp;E areas of MA &amp; CT as well as all of RI</p>	<p>Strongest late morning into afternoon</p> <p><b>Sustained 15 to 30 mph Gusts 35 to 45, up to 60 mph</b></p>
<p><b>Storm Force Winds and High Seas</b></p> 	<p>Hazardous wind and wave conditions for experienced and properly equipped vessels</p>	<p>All waters especially the outer waters</p>	<p>Strongest winds into this afternoon</p> <p><b>Gusts up to 50 knots</b></p> <p>Highest seas this afternoon</p> <p><b>Seas up to 20 feet</b></p>
<p><b>Localized Minor Coastal Flooding</b></p> 	<p>Light splash-over and pockets of minor coastal flooding at typically prone locations/roadways.</p>	<p>South coastal RI and MA</p>	<p>Around High Tide</p> <p>10AM/11AM</p>

# Summary of Greatest Impacts



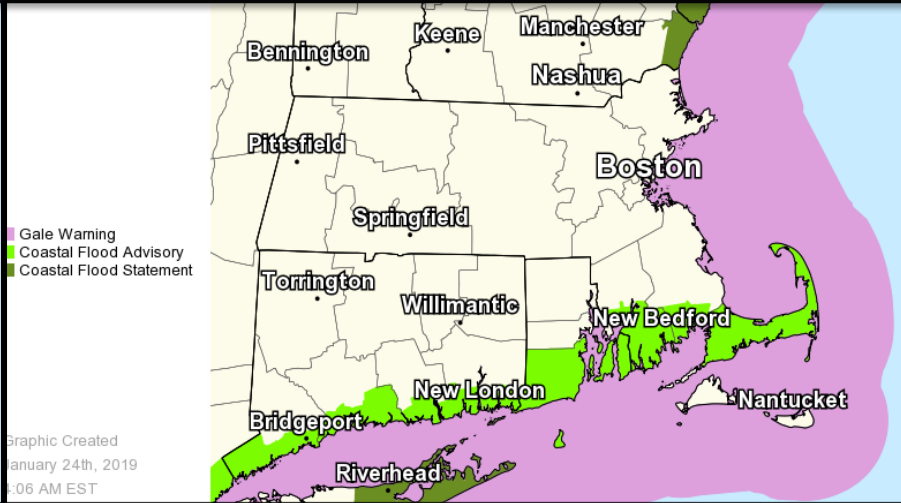


## Winter Weather Hazards



Graphic Created  
January 24th, 2019  
4:06 AM EST

## Marine / Coastal Hazards - Thursday



Graphic Created  
January 24th, 2019  
4:06 AM EST

## Wind Related Hazards - Thursday



High Wind Warning  
Wind Advisory

Graphic Created  
January 24th, 2019  
4:06 AM EST

## Flooding Hazards - Thursday



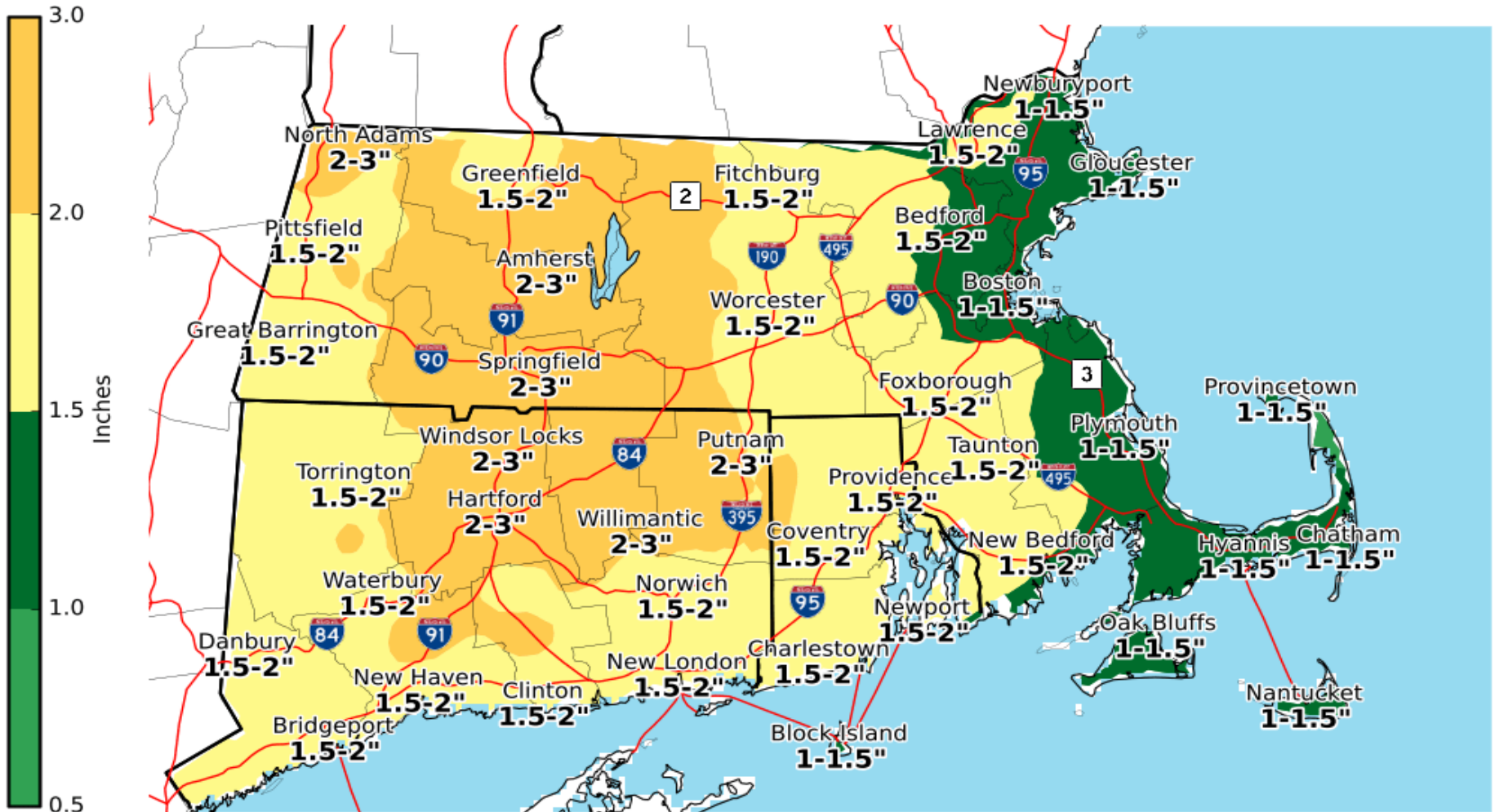
Flash Flood Watch  
Flood Watch

Graphic Created  
January 24th, 2019  
4:06 AM EST



## Forecast Storm Total Precipitation – Heaviest Falling Late Morning into Early Afternoon Thursday

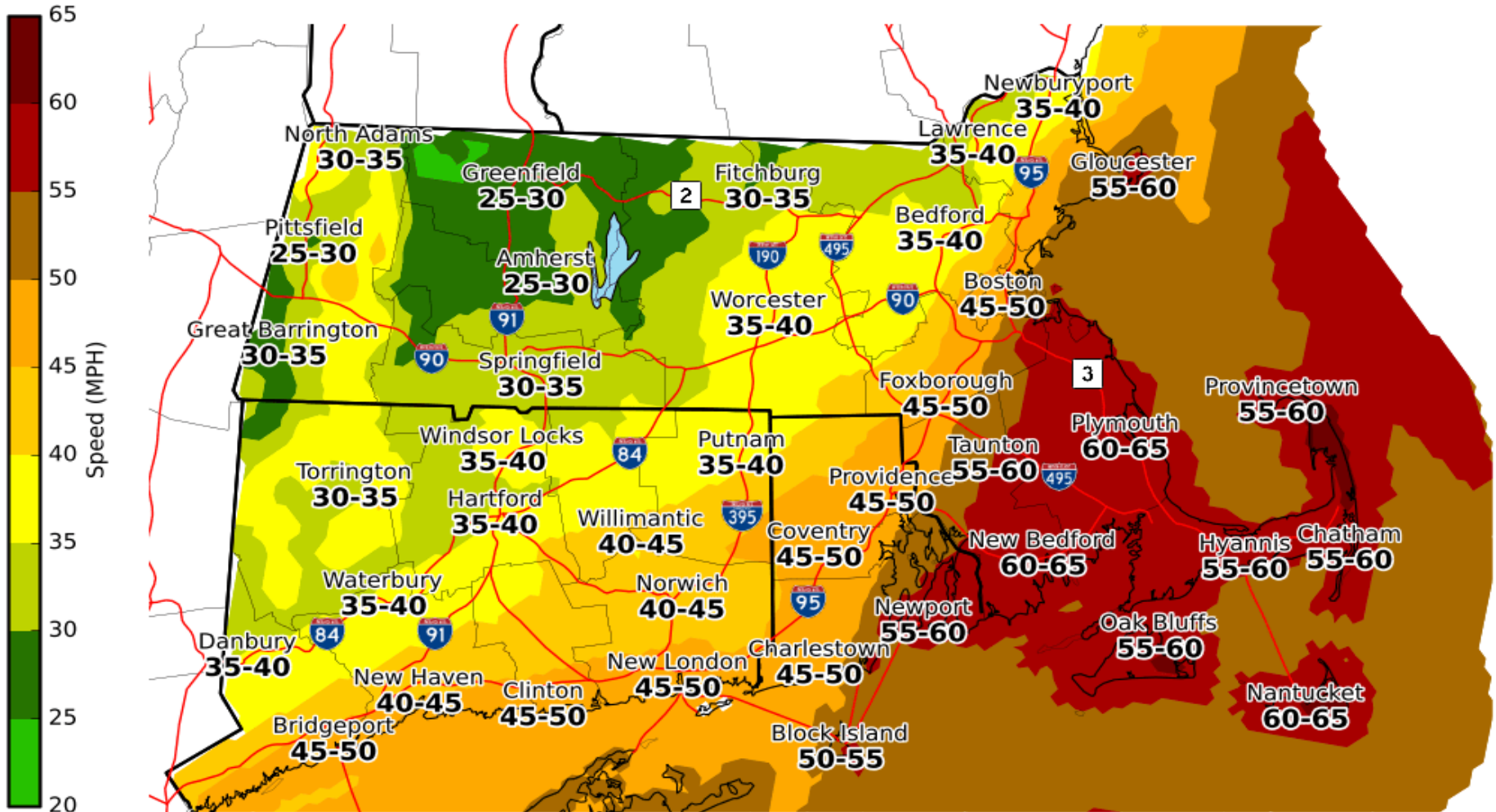
### Expected Rainfall - Official NWS Forecast Valid: Through This Evening





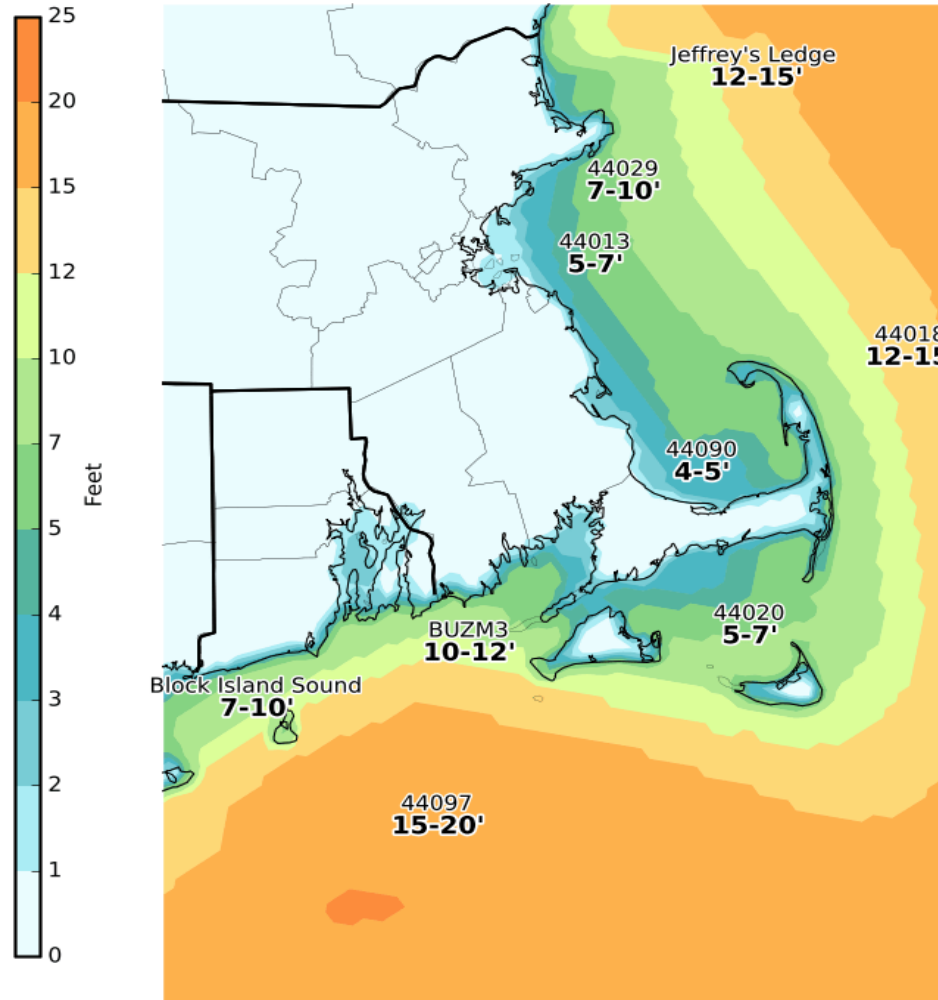
## Forecast Maximum Wind Gusts – Strongest Thursday Morning through Thursday Afternoon

### Max Wind Gusts (MPH) Valid: Peaking Through Early Evening

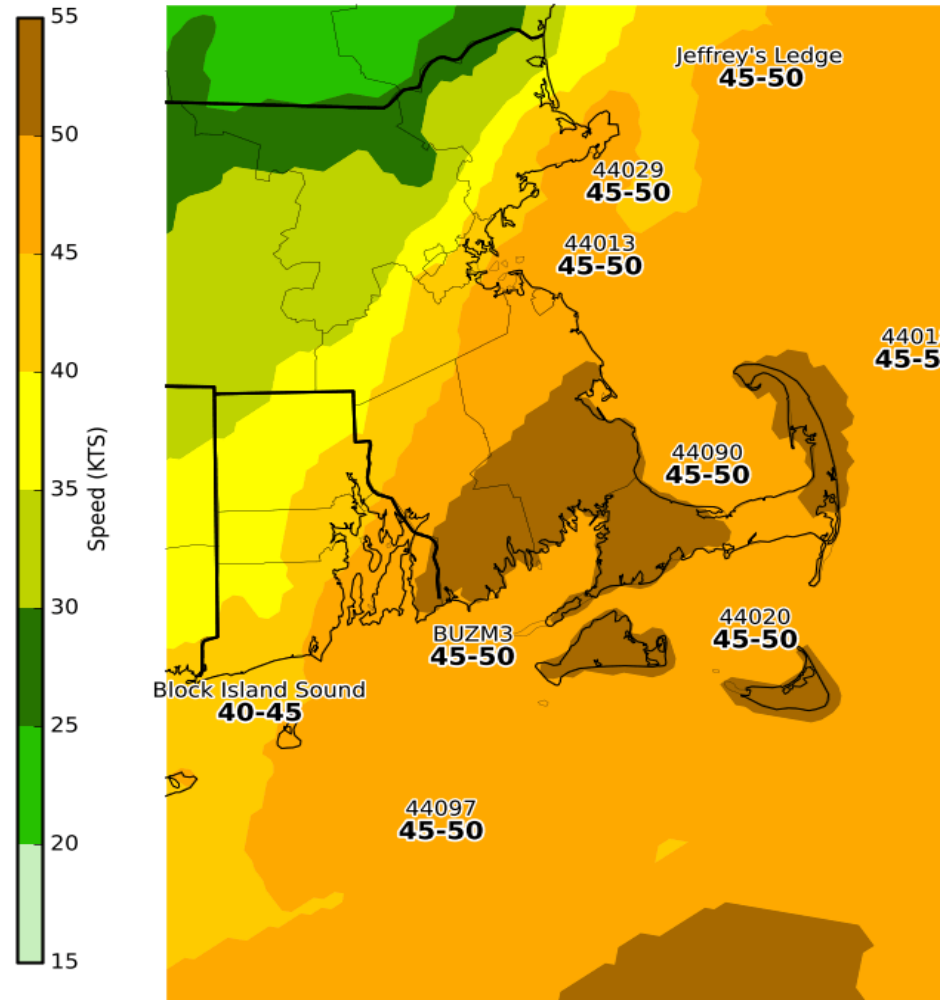


## Forecast Maximum Wave Heights and Wind Gusts (in kts)

**Maximum Wave Height**  
Valid: Peaking This Evening



**Max Wind Gusts (KTS)**  
Valid: Peaking Through Evening



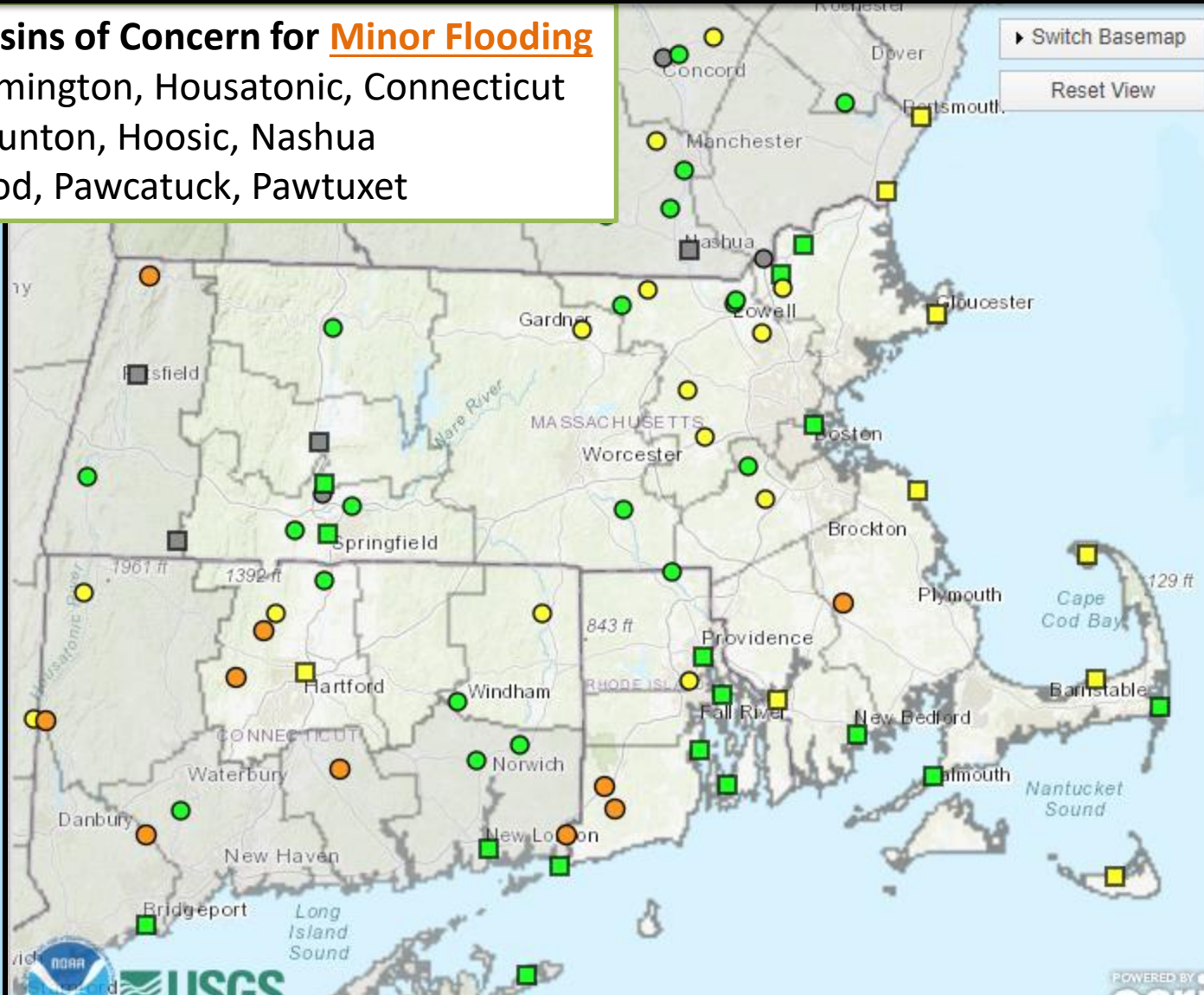
*Forecast River Flooding – Developing Late Today, Continuing through as late as Saturday*

**River Basins of Concern for Minor Flooding**

**CT – Farmington, Housatonic, Connecticut**

**MA – Taunton, Hoosic, Nashua**

**RI – Wood, Pawcatuck, Pawtuxet**



► Switch Basemap

Reset View

- Forecast available
- Probability and forecasts available
- Major Flooding
- Moderate Flooding
- Minor Flooding
- Near Flood Stage
- No Flooding
- Forecasts Are Not Current
- No Forecast Within Selected Timeframe
- Out of Service
- Flood Category Not Defined
- At or Below Low Water Threshold

Last map update:  
01/23/2019 at 01:11:24 pm EST  
01/23/2019 at 18:11:24 UTC

[What is UTC time?](#)

[Map Help](#)

[Disclaimer](#)





# Threat Event Summary

- ✓ **Confidence:** High with respect to heavy rain and flooding, however lower confidence as to strong to damaging winds
- ✓ **What / Where / When:**



## Periods of heavy rain, potential for flash flooding ... **FLASH FLOOD WATCH** in effect

- Rain increases in intensity this morning.
- Forecast 1 to 2 inches of rainfall, locally higher amounts. Potential for +3 inches in spots
- Lingering snow and ice melt will add to this issue, along with any clogged drains.
- Snow cover and/or hardened ground, any and all rain likely to runoff.
- Urban / poor drainage flooding, potential for flooded basements.
- Minor river flooding possible.



## Strong to damaging winds, potential for downed limbs, trees, power outages ... **HIGH WIND WARNING** for SE-coastal MA & RI, **WIND ADVISORY** for E-coastal MA & N RI.

- Strongest later this morning into the afternoon, gusts up to 55 mph.
- For all of Southern New England especially S&E areas of MA & CT, as well as all of RI.



## Gales winds and high seas ... **GALE WARNINGS** posted on all waters

- Strongest winds into the afternoon; gusts up to 50 knots.
- Highest seas Thursday afternoon; seas up to 15 feet.



## Pockets of Minor Coastal Flooding ... South coast high tide 10AM/11AM

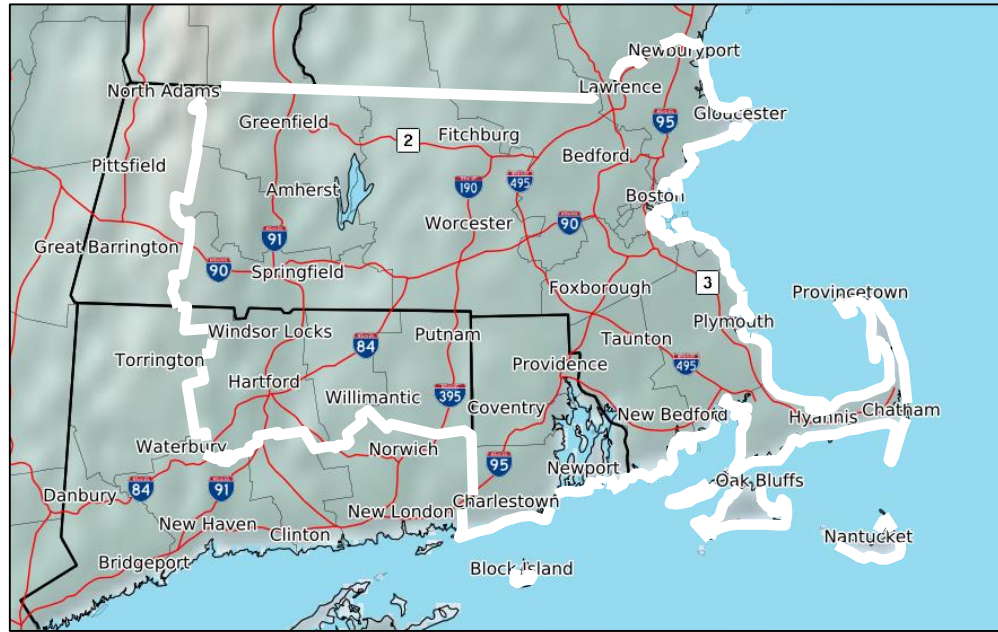


# Contact and Next Briefing Information

## Next Briefing If Needed

**When:** 5 pm, Thursday, January 24<sup>th</sup>

**Method:** via email



[www.weather.gov/boston](http://www.weather.gov/boston)



Phone (public):  
508-622-3250



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**Disclaimer:** The information contained within this briefing is time-sensitive, do not use after 5 pm, Thursday, January 24<sup>th</sup>, 2019