

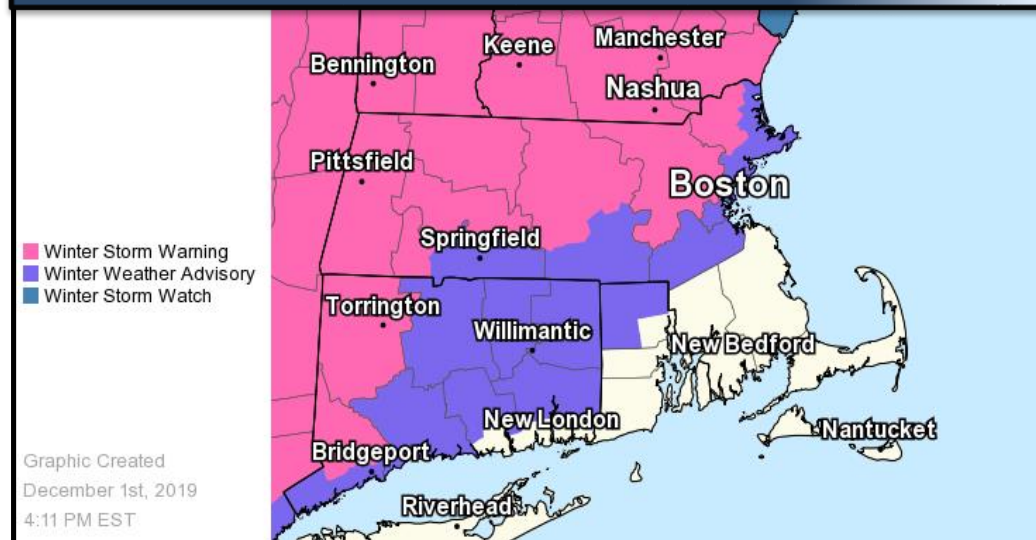
# Winter Storm Tonight thru Tuesday Morning

**National Weather Service**  
**Decision Support Briefing # 6**  
**Sunday, December 1, 2019 5:00 PM**





## What has changed

- ✓ Expanded Winter Storm Warnings into western Essex, Southeast Middlesex and Eastern Hampshire Counties.
- ✓ Increased snow and ice amounts.
- ✓ Second round of heavy snow with impact to Tuesday AM commute.

## Winter Weather Related Hazards



# Main Points

| Hazard              |   | Impacts  | Location   | Timing   |
|---------------------|---|--|--|--|
| Heavy Snow          |    | Hazardous travel conditions on all surfaces, treated or untreated; avoid travel if possible  | Most of MA except along the coast and SE MA; northernmost CT.                                      | 1-2"/hr rates possible tonight into overnight.   |
| Heavy Snow          |    | Hazardous travel conditions on all surfaces, treated or untreated; avoid travel if possible  | Mainly eastern and northeast MA.   | Rain becomes snow Monday late afternoon, heavy at times Monday night into Tuesday. Possible 1-2"/hr rates. |
| Strong Wind Gusts   |    | Loose objects may become airborne; isolated tree damage                                      | Coastal RI and Coastal MA, especially Cape/Islands/Cape Ann  | Tonight into early Tuesday   |
| Light Freezing Rain |  | Locally hazardous travel conditions on untreated bridges, overpasses, and/or secondary roads | Interior portions of Southern New England – mainly northern CT, northern RI, interior southeast MA | Tonight into overnight, after the initial thump of snow  |

# Summary of Greatest Impacts



**Heavy Snow:** Much of MA especially west of I-95; northern CT; northern RI

None

Limited

Elevated

Significant

Extreme



**Heavy Snow:** Mainly eastern/northeast MA.

None

Limited

Elevated

Significant

Extreme



**Strong Wind Gusts:** Coastal MA and Coastal RI

None

Limited

Elevated

Significant

Extreme



**Freezing Rain:** Interior SNE – mainly northern CT, northern RI, eastern MA

None

Limited

Elevated

Significant

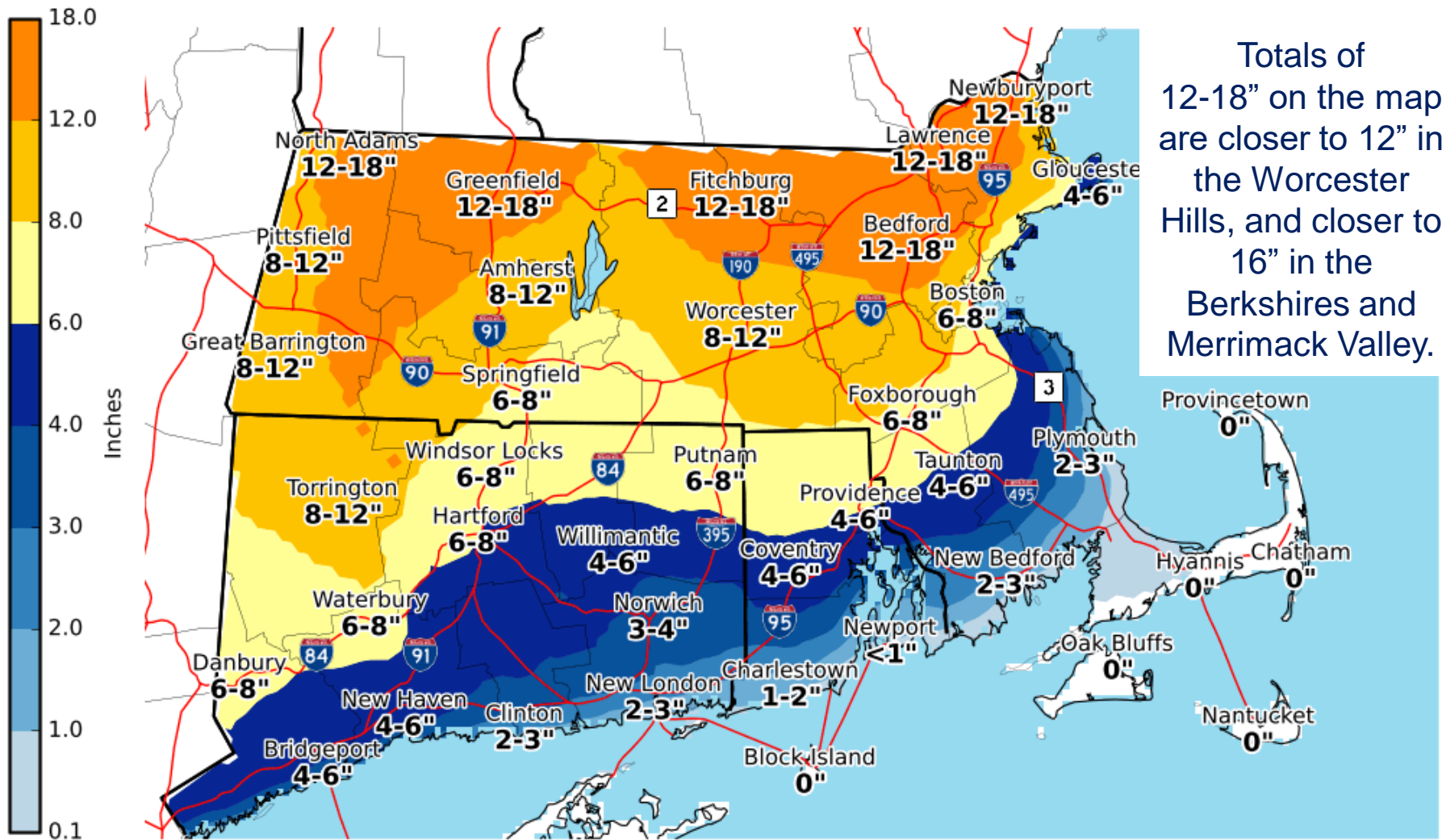
Extreme



## Forecast Event Total Snowfall: This Evening, and Monday Night-Tuesday

### Expected Snowfall - Official NWS Forecast

Valid: 12/01/2019 01:00 AM - 12/03/2019 07:00 AM EST

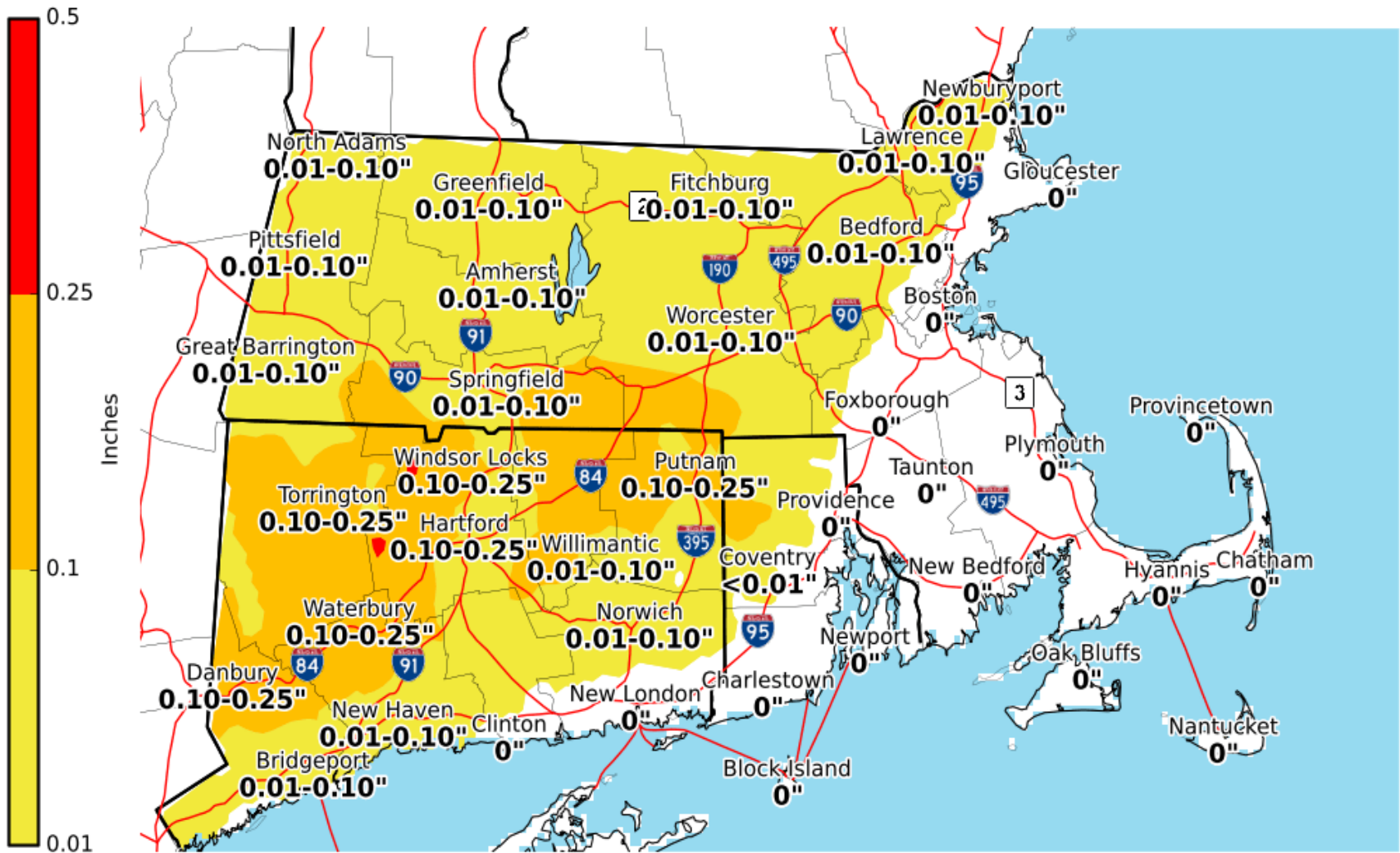


Totals of 12-18" on the map are closer to 12" in the Worcester Hills, and closer to 16" in the Berkshires and Merrimack Valley.



## Forecast Storm Total Ice

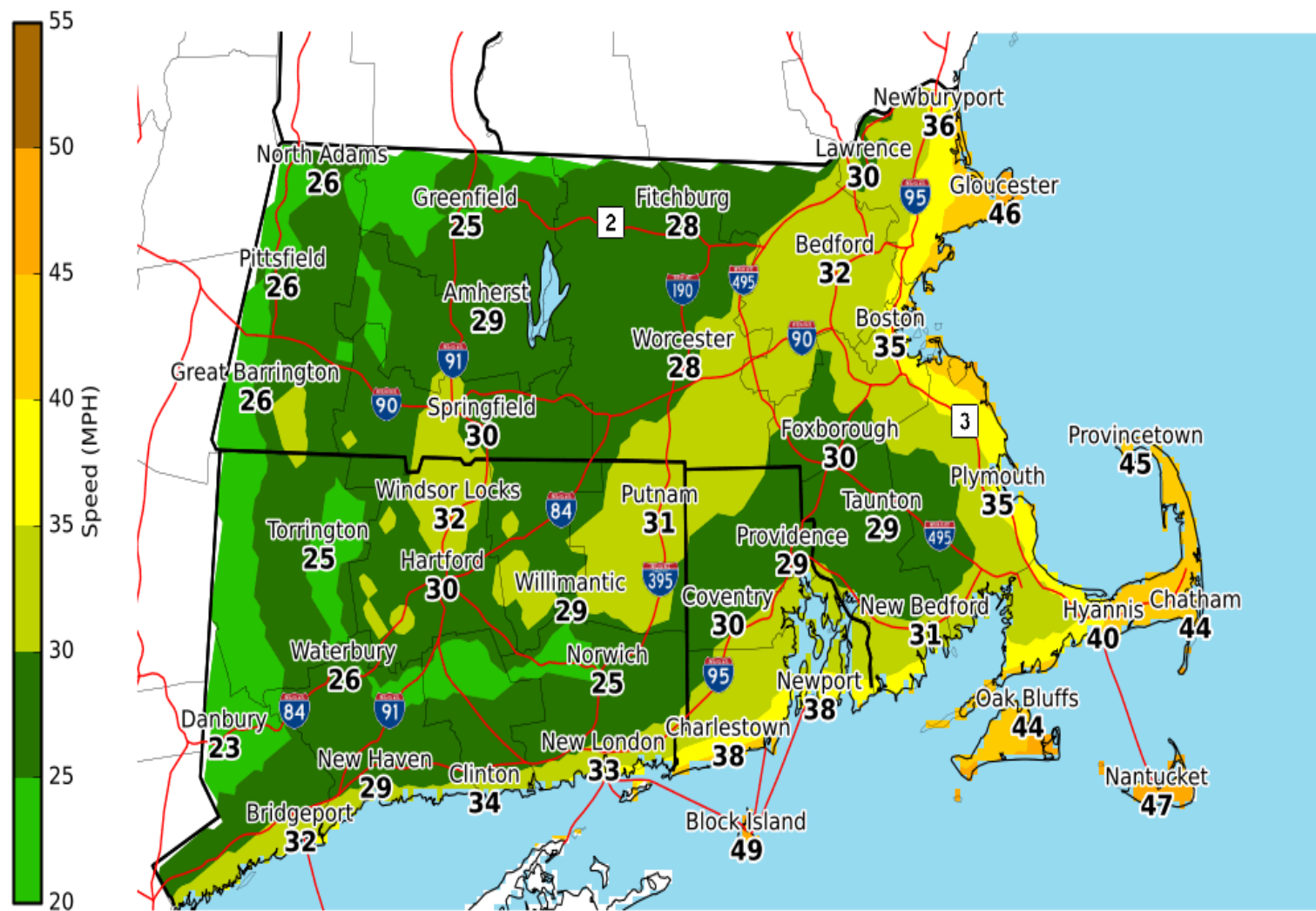
### Expected Icing - Official NWS Forecast Valid: 12/01/2019 01:00 AM - 12/03/2019 07:00 AM EST



## Forecast Maximum Wind Gusts

### Max Wind Gusts (MPH)

Valid: 12/01/2019 01:00 AM - 12/03/2019 07:00 AM EST



# Threat Event Summary

✓ **Confidence**: High for >6 inches of snow in some areas by Monday morning. Moderate for >6" snow Monday night into Tuesday eastern MA.

✓ **What/When/Where:**



1-2"/hr snowfall rates Sunday night with 6+" of snow accumulation expected by the Monday AM commute. Greatest risk west of I-95 in MA and RI. Light to moderate snow with additional accumulations expected Tuesday morning.



Second round of heavy snow Monday night into Tuesday, impacting Tuesday AM commute. 1-2"/hr snow rates possible.



Wind gusts 30-45 mph Sun. night into Tue. along coast, strongest gusts along the Cape and Islands, Block Island and Cape Ann.



A period of light freezing rain (<0.20") possible late Sunday night, after the initial snow, in interior sections – especially northern CT and northern RI

## Threat Event Summary

### Concerns:

- ✓ East flow becoming northeast along coast, with water temps of 48 degrees. This could lead to a situation where eastern parts of Boston are primarily rain while the western parts of Boston and Metro-West are heavy snow.
- ✓ Exact location/timing of transition from snow to freezing rain/rain still uncertain. This could cut down snow amounts if occurs more rapidly than expected.
- ✓ Snowfall rates in second round of heavier snow Monday night into Tuesday in eastern MA are uncertain. In interior western/central MA Monday, snow should be steady but more manageable than tonight.
- ✓ Storm totals by Tuesday morning could be in excess of one foot in areas that remained all snow. Snow totals in the Worcester Hills more likely to be near a foot, while the Berkshires could see more.
- ✓ Storm surge up to 2 feet is expected. However with very low astronomical tides, any coastal flood issues are expected to be mainly high tide splashover. However, we can not rule out a high tide cycle of minor coastal flooding.

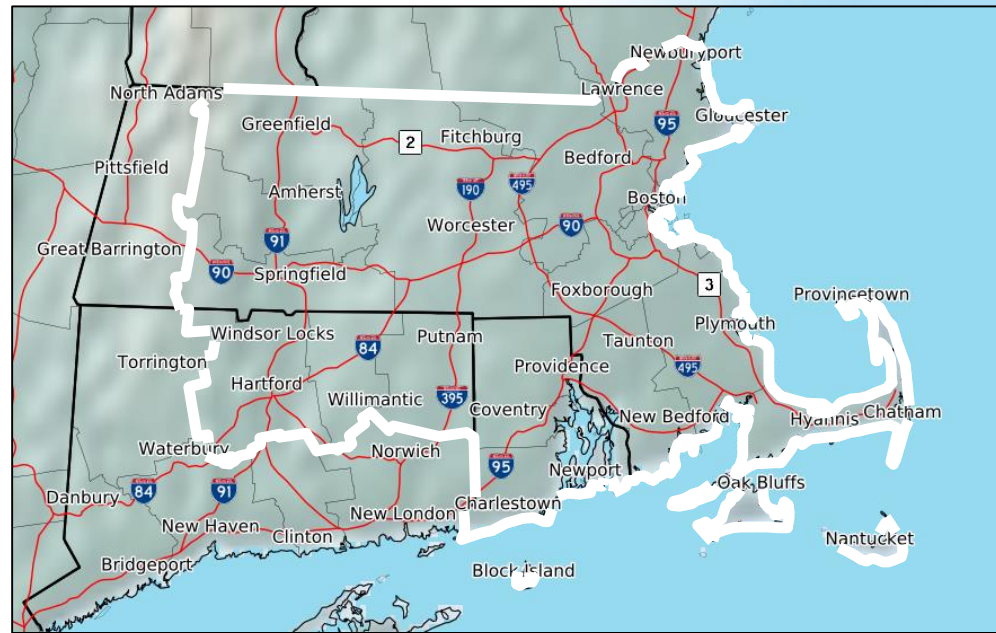


# Contact and Next Briefing Information

## Next Briefing

**When:** 6 am Monday, Dec. 2<sup>nd</sup>

**Method:** via email



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



Phone (public):  
508-622-3250



Facebook:

[www.facebook.com/NWSBoston](http://www.facebook.com/NWSBoston)



Twitter:

[www.twitter.com/NWSBoston](http://www.twitter.com/NWSBoston)

**Disclaimer:** The information contained within this briefing is time-sensitive,  
do not use after 6 pm, Sunday, December 1<sup>st</sup>, 2019