

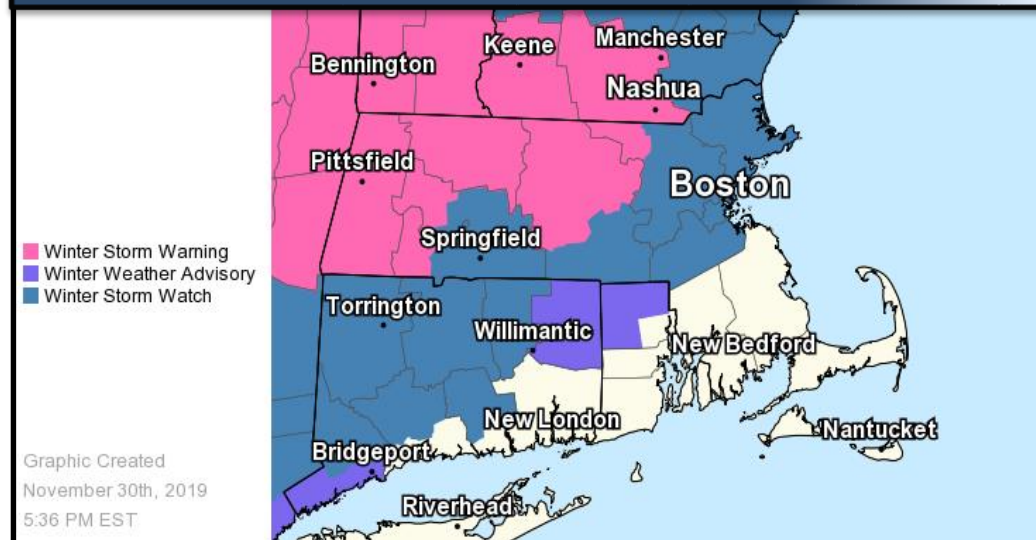
# Winter Storm Sunday thru Monday Night

**National Weather Service**  
**Decision Support Briefing # 4**  
**Saturday, November 30, 2019 5:30 PM**




## What has changed

- ✓ Winter Weather Advisory for Windham and Northern Providence Counties.
- ✓ Storm Total Snowfall graphic now includes accumulations Monday night

## Winter Weather Related Hazards



## Main Points

Hazard		Impacts	Location	Timing
Heavy Snow		Hazard 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 Sunday night; light to moderate snow continues Monday into Tuesday
Strong Wind Gusts		Loose objects may become airborne; isolated tree damage	Coastal RI and Coastal MA, especially Cape/Islands/Cape Ann	Late Sunday night 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	Later Sunday night into early Monday, after the initial thump of snow

# Summary of Greatest Impacts



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



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



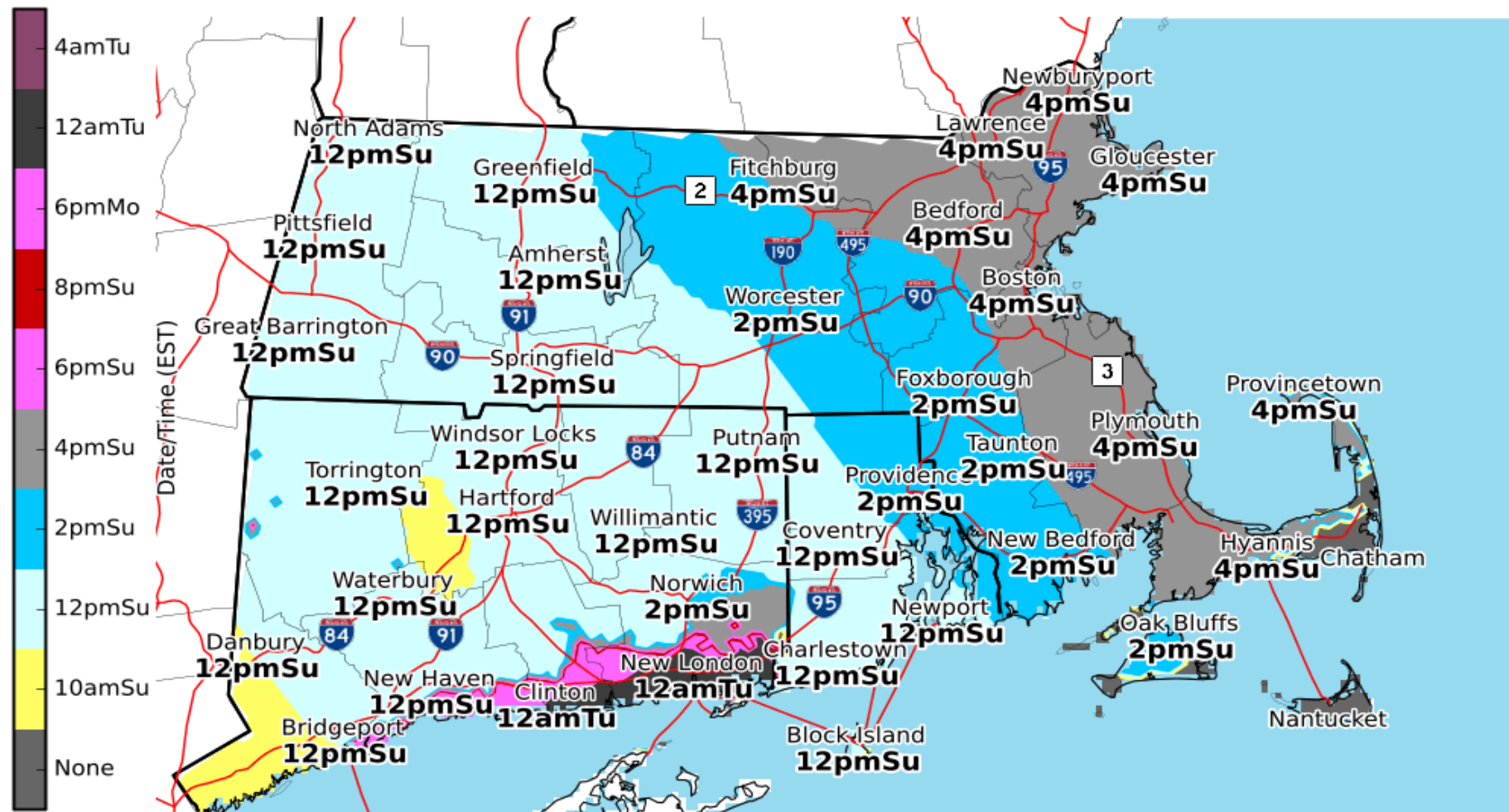
**Freezing Rain:** Interior SNE – mainly northern CT, northern RI, eastern MA



## Onset of Winter Weather Threats

### Precipitation Onset Time

Valid: Sunday 01:00 AM - Sunday 07:00 PM EST

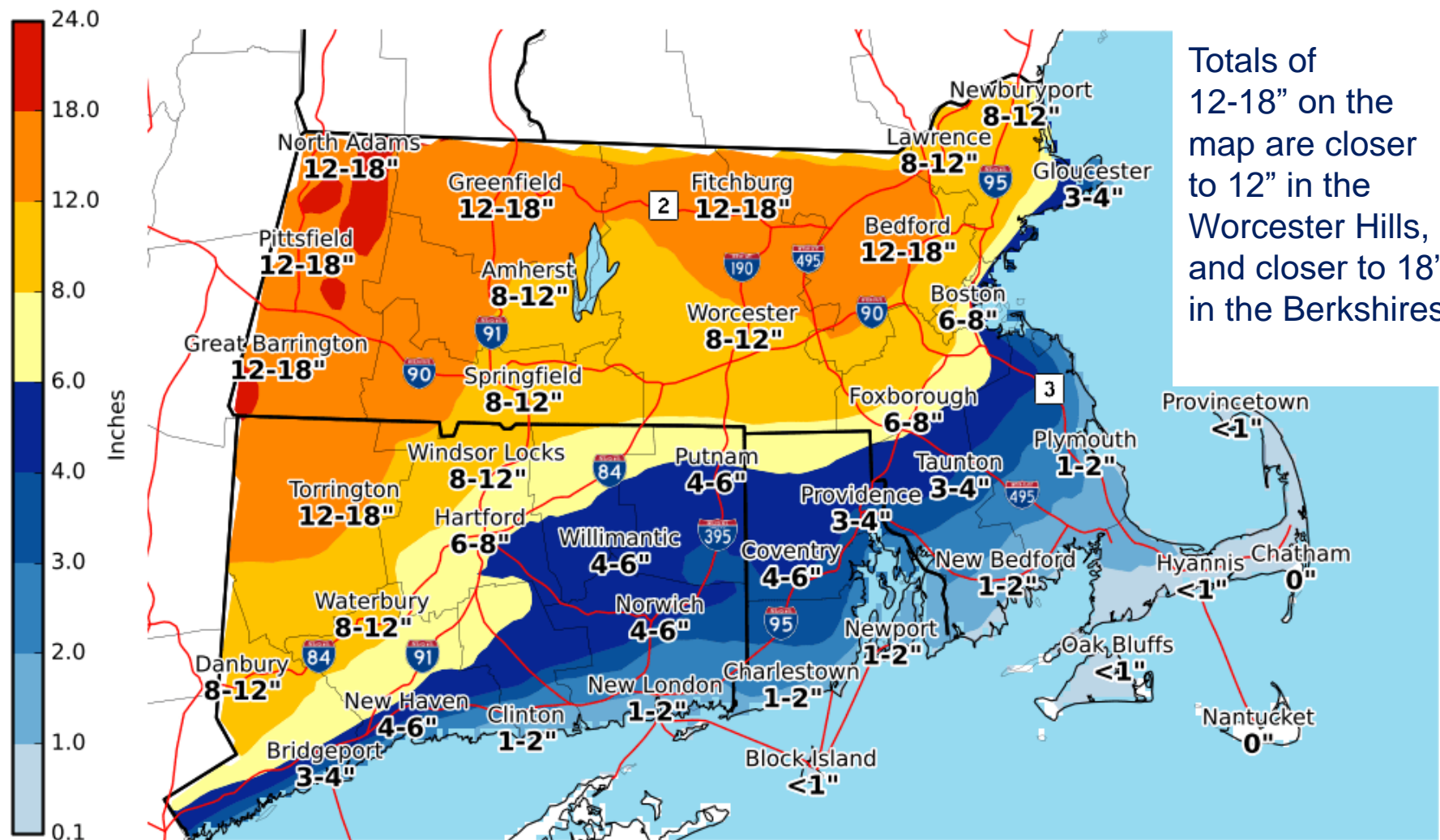




## Forecast Storm Total Snowfall

### Expected Snowfall - Official NWS Forecast

Valid: Sunday 01:00 AM - Tuesday 07:00 AM EST

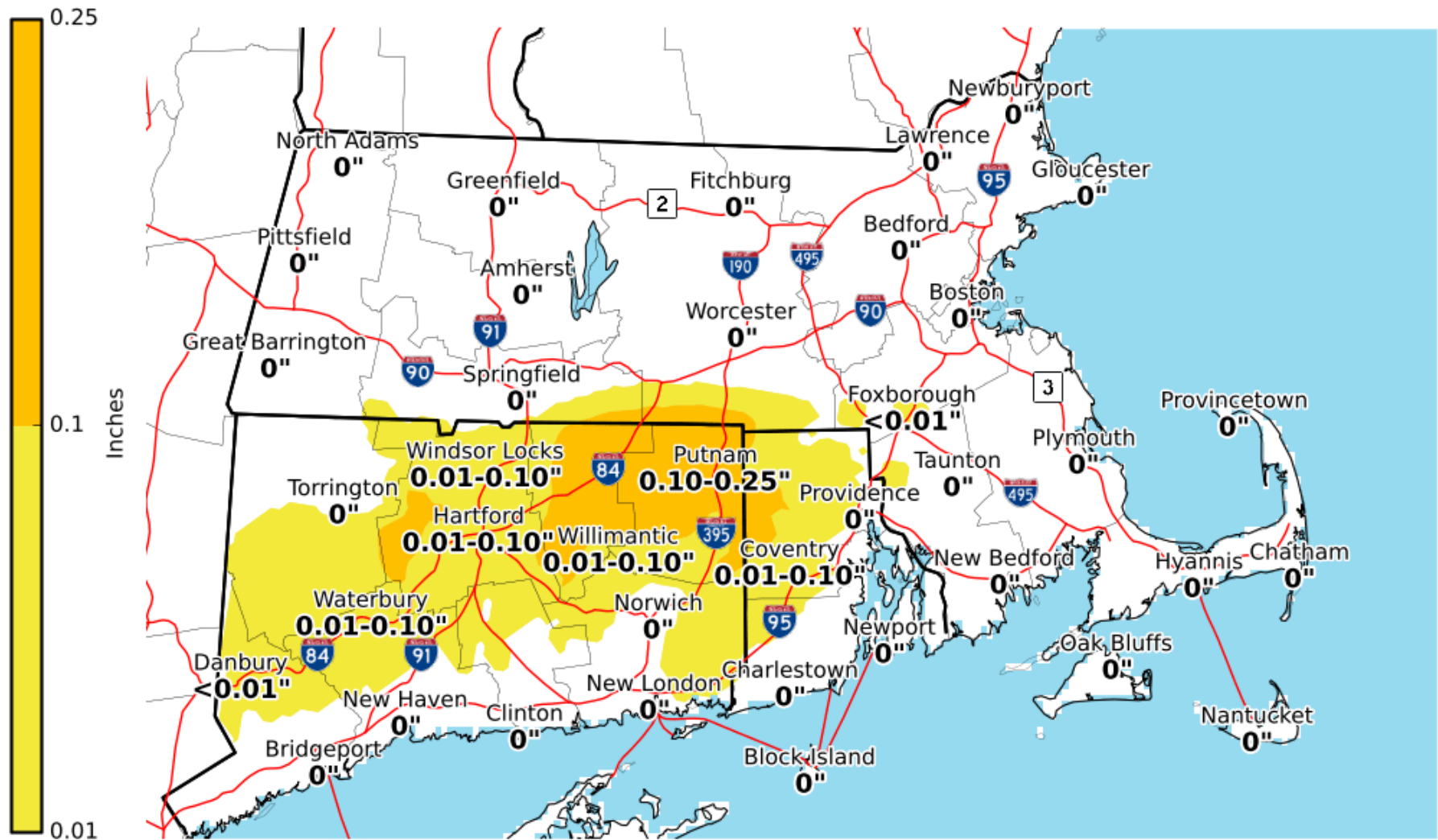


Totals of 12-18" on the map are closer to 12" in the Worcester Hills, and closer to 18" in the Berkshires

## Forecast Storm Total Ice

### Expected Icing - Official NWS Forecast

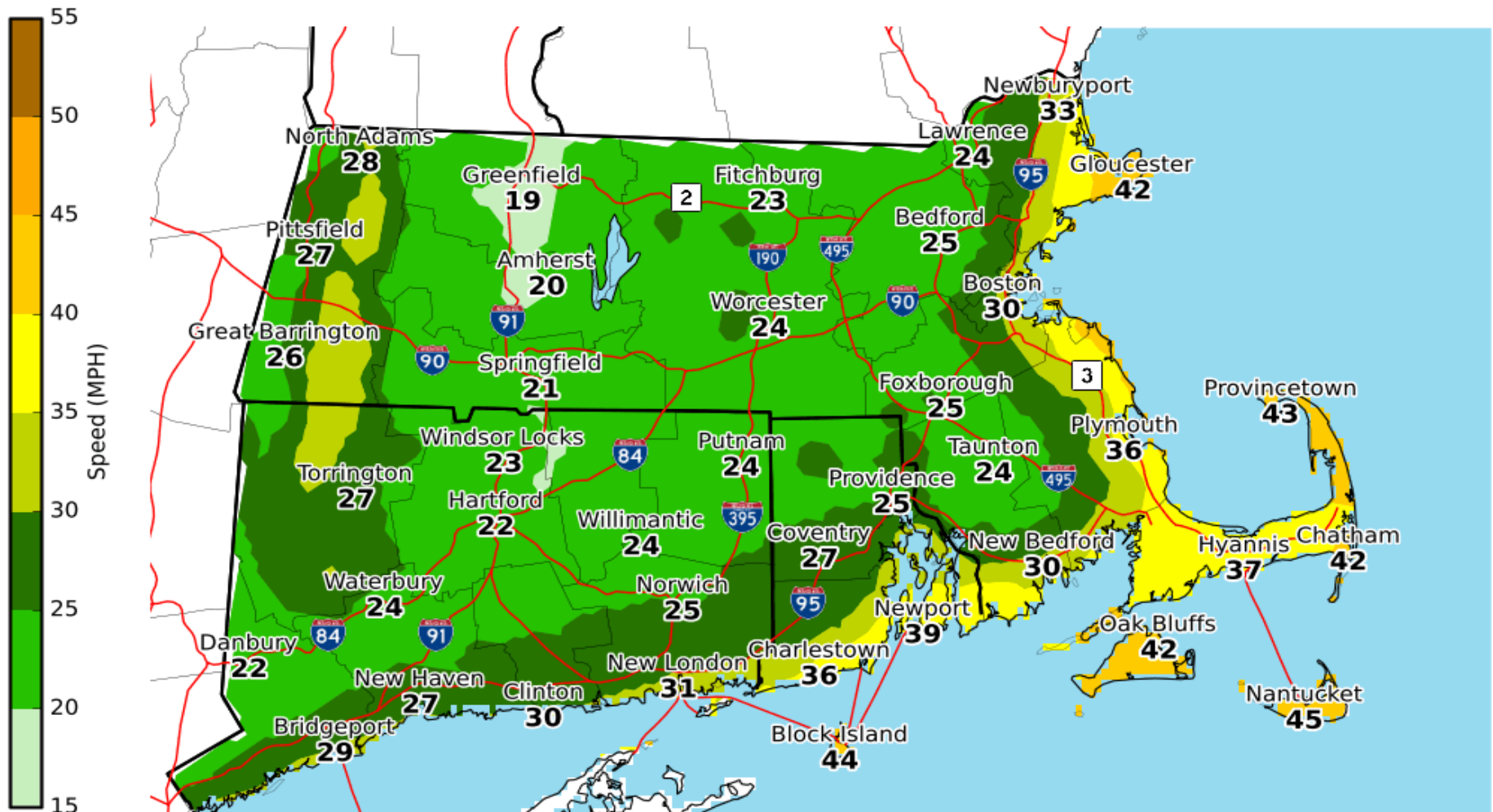
Valid: Sunday 01:00 AM - Tuesday 07:00 AM EST



## 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.
- ✓ **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.



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 (<0.25") 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 Monday into early Tuesday are uncertain. Steady, but more manageable snowfall accumulations expected. 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, Sunday, Dec. 1<sup>st</sup>

**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 am, Sunday, December 1<sup>st</sup>, 2019

