

# Multiple Hazards Across Southern New England




National Weather Service  
Decision Support Briefing # 2  
Friday, January 29, 2021 4:40 AM

## What Has Changed?

- ✓ Winter Weather Advisory for Cape Cod & Nantucket
- ✓ Wind Chill Advisory for much of interior MA/CT
- ✓ Heavy Freezing Spray Warning for most waters
- ✓ Gale Warning for all waters



# Main Points

Hazard	Impacts	Location	Timing
<b>Snow &amp; Wind</b> 	<b>Hazardous travel and localized blizzard conditions possible</b>	<b>Greatest risk from Provincetown to Chatham and possibly on Nantucket</b>	<b>Today and This Evening, greatest risk during the afternoon</b>
<b>Wind Chill</b> 	<b>Frostbite on exposed skin in less than 30 minutes</b>	<b>Interior Massachusetts and Connecticut</b>	<b>Until Noon</b>
<b>Freezing Spray</b> 	<b>Significant ice accretion on vessels</b>	<b>All coastal waters</b>	<b>Today through Saturday Morning</b>

# Summary of Greatest Impacts



**Snow & Winds: Areas with greatest risk Provincetown-Chatham-Nantucket**

None	Limited	Elevated	Significant	Extreme
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**Wind Chills: Areas with greatest risk interior MA & CT**

None	Limited	Elevated	Significant	Extreme
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**Freezing Spray: All ocean waters**

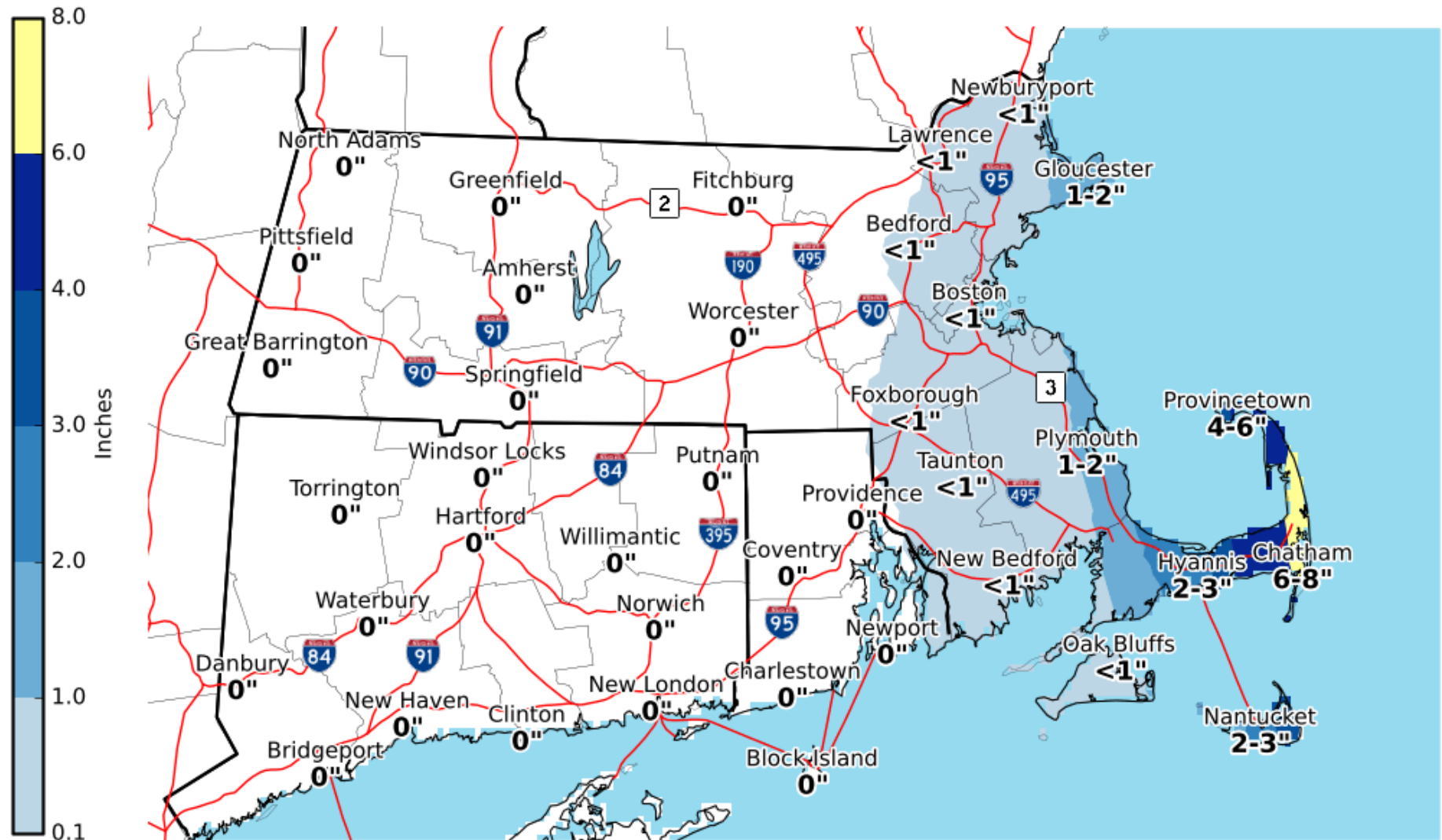
None	Limited	Elevated	Significant	Extreme
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## Forecast Storm Total Snowfall

### Expected Snowfall - Official NWS Forecast

Valid: Today and Tonight

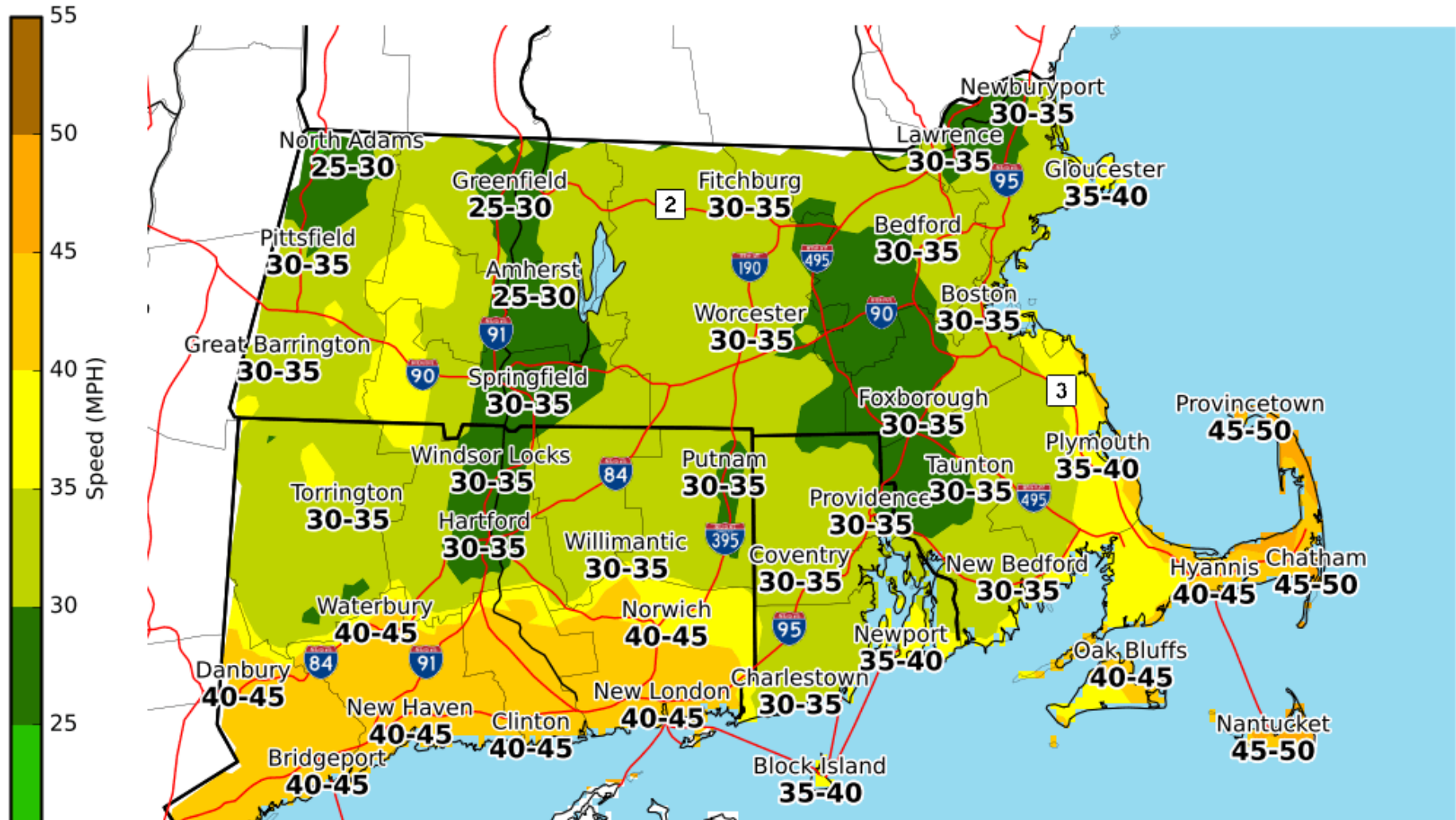




## Forecast Maximum Wind Gusts (in MPH)

### Max Wind Gusts (MPH)

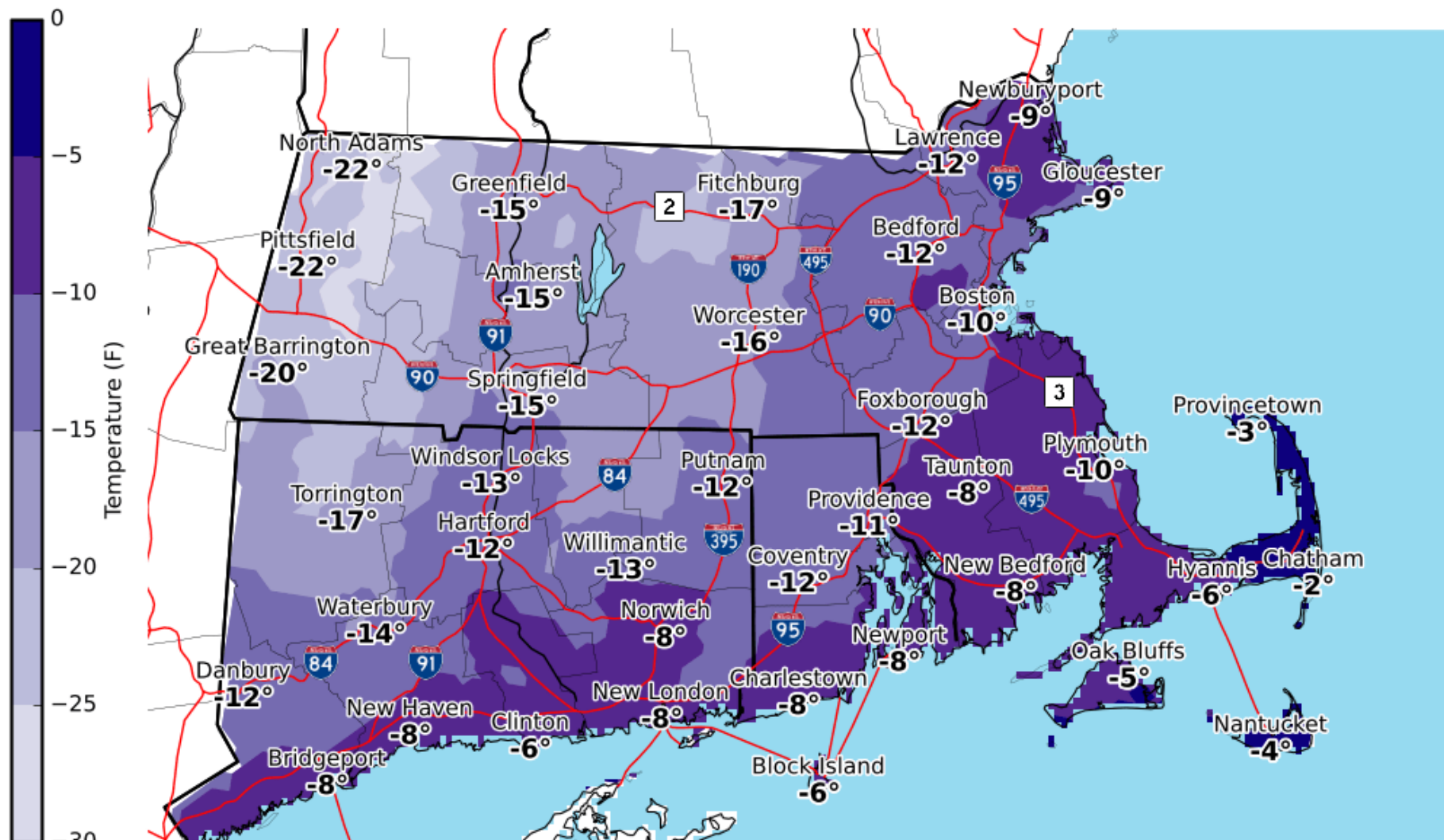
Valid: Today and Tonight



## Forecast Minimum Wind Chills

### Min Apparent Temperature

Valid: Through Noon today



# Threat Event Summary

- ✓ **Confidence:** High confidence in wind chills, gale warnings, and freezing spray. Moderate confidence in heavy snowfall and strong winds on Cape Cod & Nantucket.

- ✓ **What:**



Heavy snow and strong winds leading to hazardous travel and localized blizzard conditions possible. Up to 6" possible.



Wind chills as low as -20°F. This could cause frostbite in as little as 30 minutes on exposed skin.



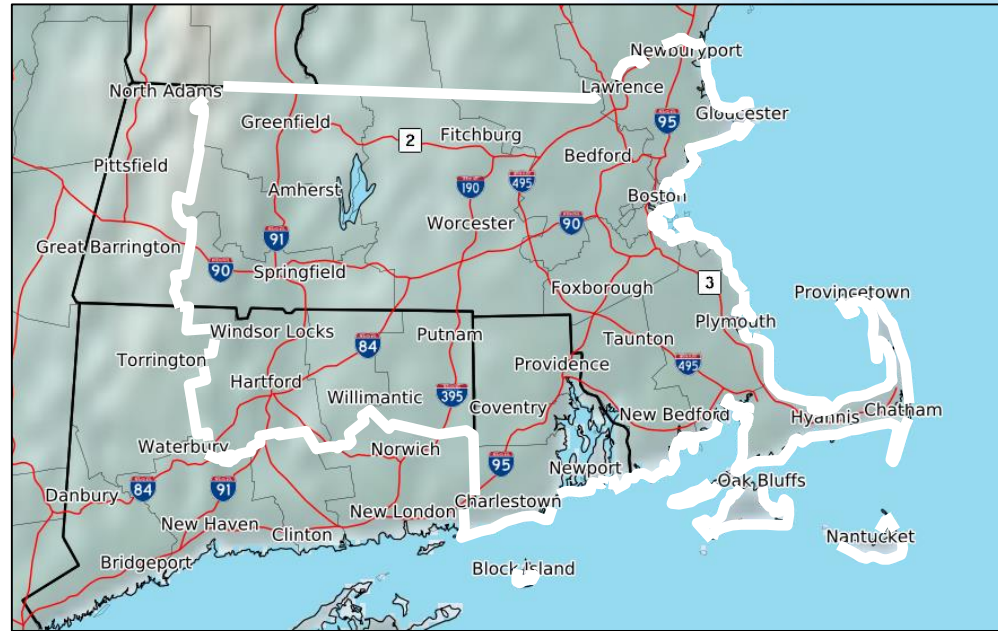
Significant ice accretion on vessels at a rate of 2 cm per hour is possible.

- ✓ **Where:** All of Southern New England (MA, RI & CT)
- ✓ **When:** Wind chills until Noon. Heavy snow and strong winds Today and This Evening. Freezing spray for Today through Saturday morning.



# Contact and Next Briefing Information

**Next Briefing, if needed, by 6pm Friday**



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**Disclaimer:** The information contained within this briefing is time-sensitive,  
do not use after 6 pm, Friday, January 29, 2021