

# Multiple Hazards Across Southern New England

National Weather Service

Decision Support Briefing # 1

Thursday, January 28, 2021 4:05 PM




## What Has Changed?

- ✓ Winter Storm Watch for Cape Cod & Nantucket
- ✓ Freezing Spray Advisory now a Warning
- ✓ Wind Chill Advisory for much of interior MA/CT
- ✓ Gale Warning for all waters

## Hazards



# Main Points

Hazard		Impacts	Location	Timing
Snow & Wind		Hazardous travel and localized blizzard conditions possible	Greatest risk from Provincetown to Chatham to Nantucket	Friday, greatest risk during the afternoon
Wind Chill		Frostbite on exposed skin in less than 30 minutes	Interior Massachusetts and Connecticut	Late tonight into early Friday morning
Freezing Spray		Significant ice accretion on vessels	All coastal waters	Late tonight through Friday

# 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**

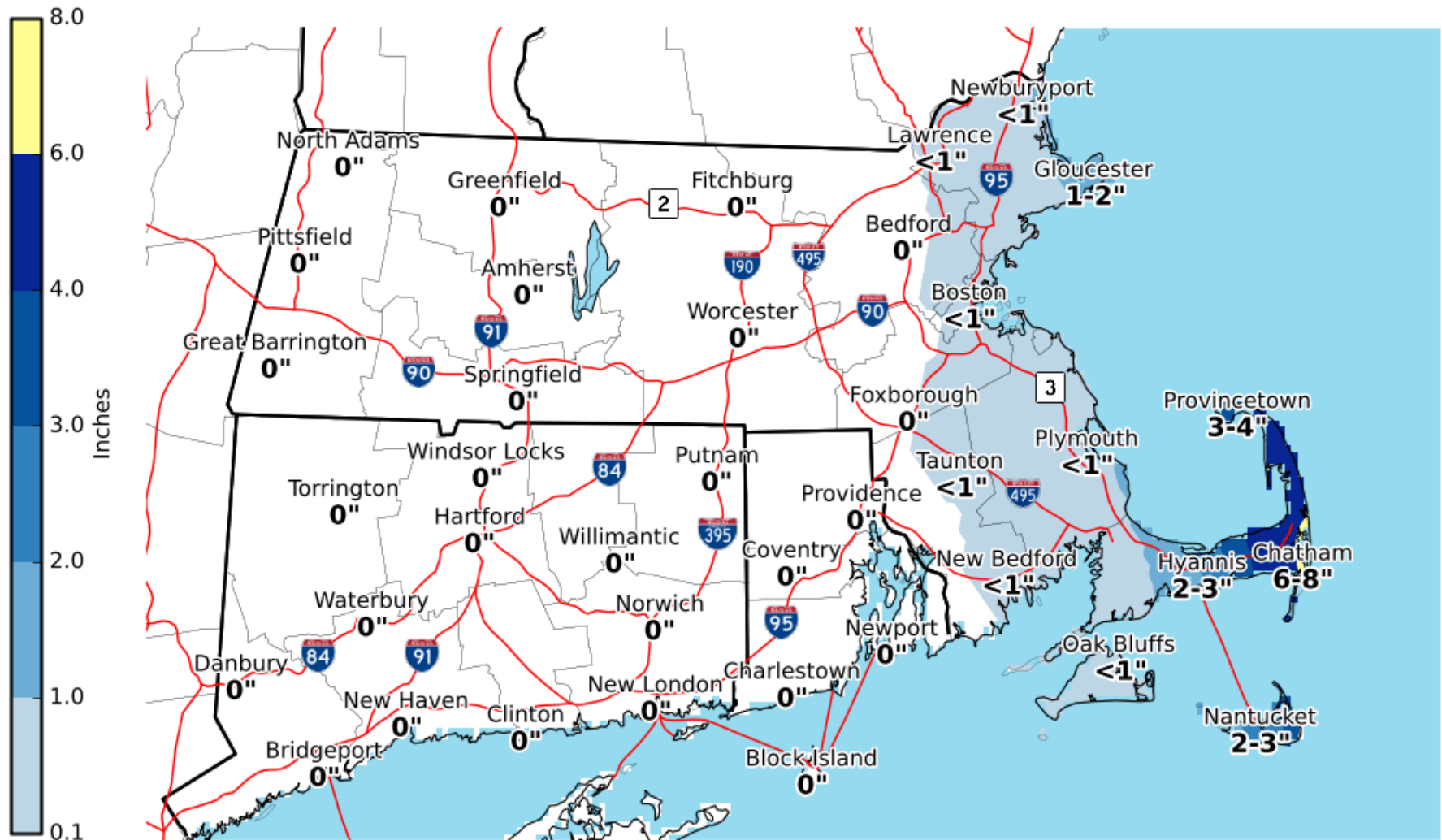
None	Limited	Elevated	Significant	Extreme
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## Forecast Storm Total Snowfall

### Expected Snowfall - Official NWS Forecast

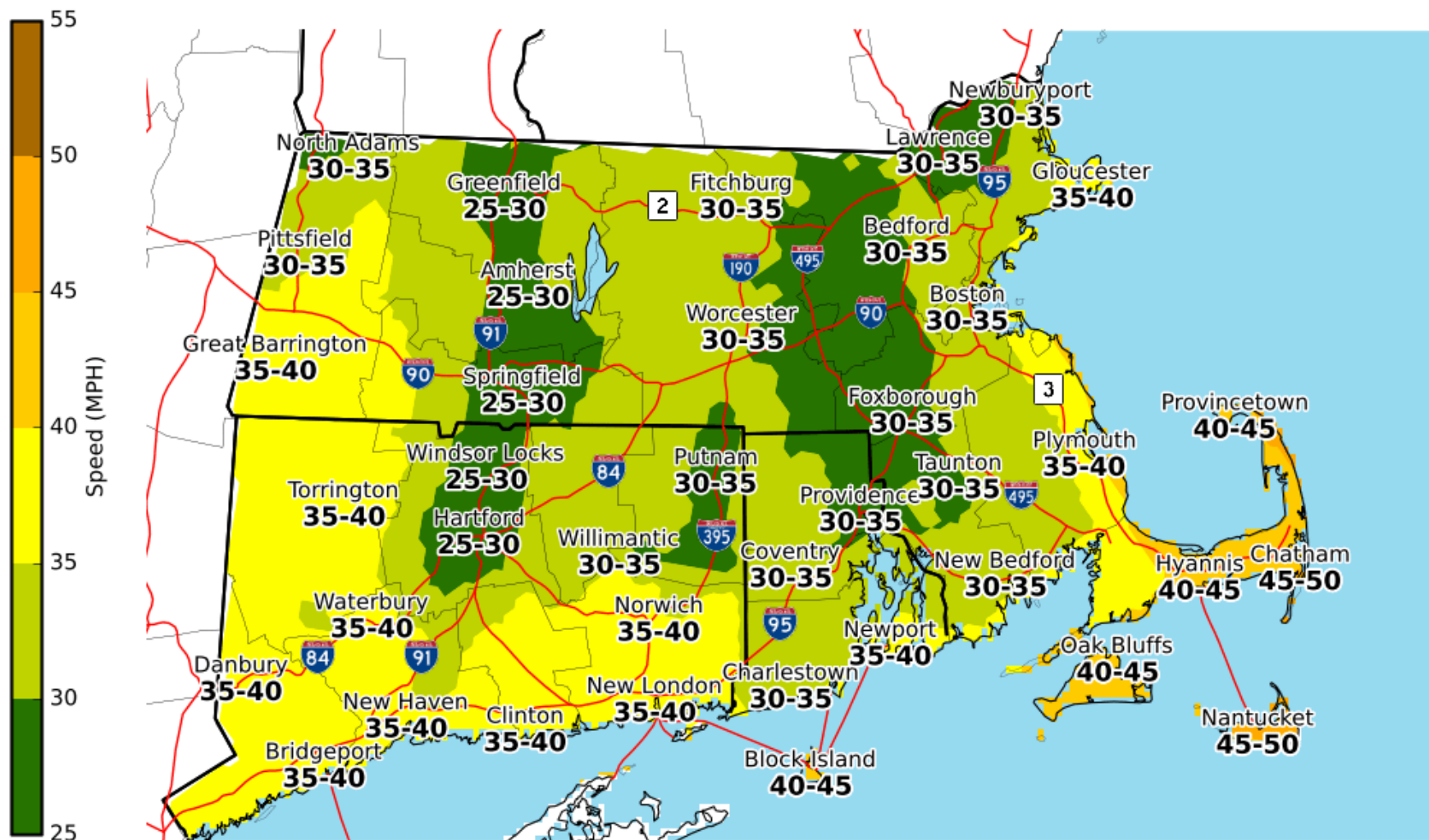
Valid: Tonight through Friday Night





## Forecast Maximum Wind Gusts (in MPH)

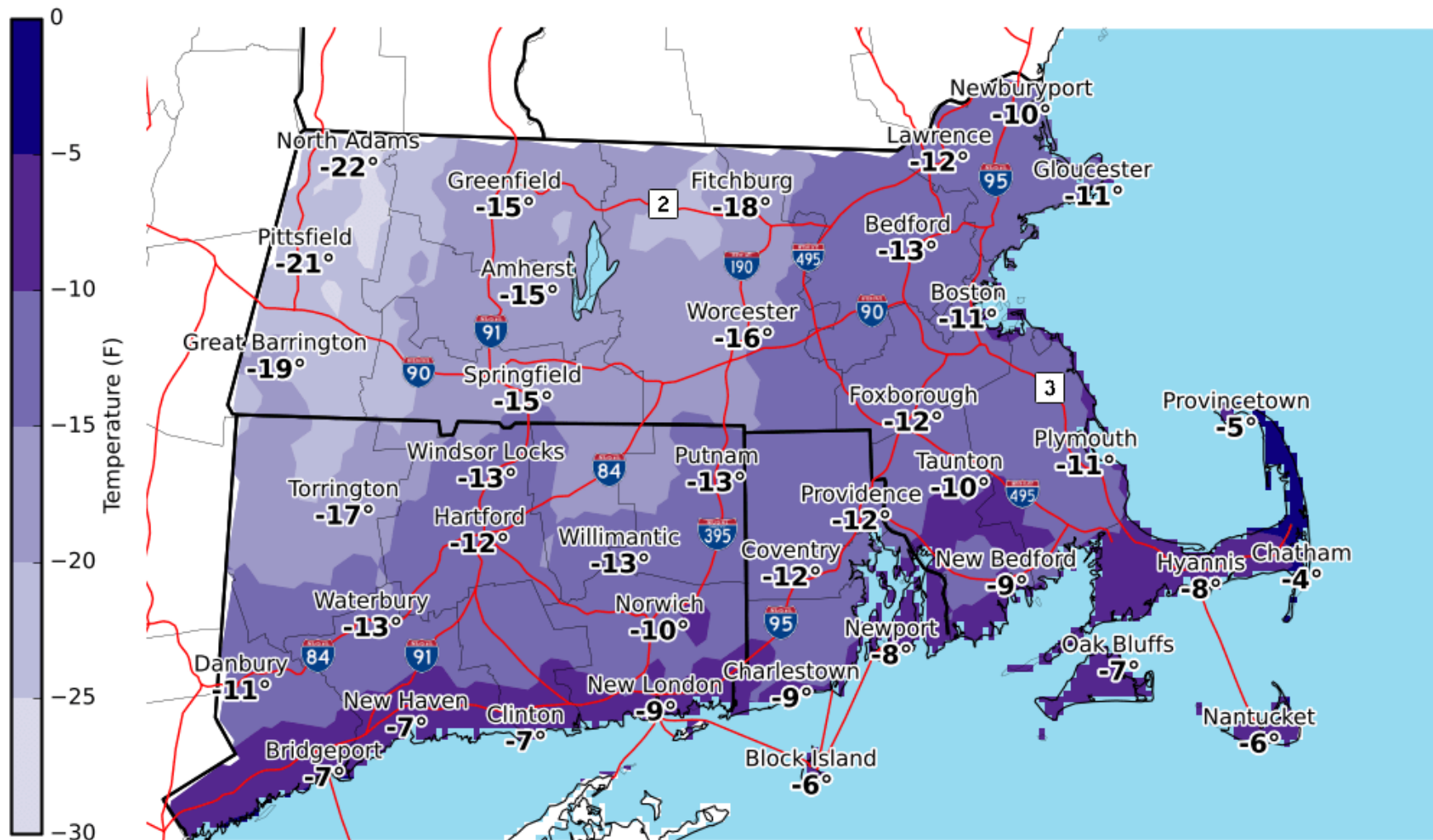
### Max Wind Gusts (MPH) Valid: Tonight through Friday Night



## Forecast Minimum Wind Chills

### Min Apparent Temperature

Valid: Tonight into Friday Morning



# 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 tonight into Friday morning. Heavy snow and strong winds Friday. Freezing spray for tonight into Friday.



# Contact and Next Briefing Information

## Next Briefing by 6am Friday



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