

Significant Winter Storm Potential Later Monday Into Tuesday

National Weather Service
Decision Support Briefing # 2

Saturday, January 30, 2021 4:37 AM





What Has Changed?

- ✓ Potential for a significant winter storm later Monday into Tuesday. Winter Storm Watch for Srn CT.
- ✓ There is a 50 percent chance for 8 or more inches of snow across a part of Southern New England, but that specific area is uncertain.
- ✓ Strong winds along with coastal flooding/beach erosion possible along the east MA coast Mon/Tue.

Current Winter Weather Hazards



Main Points

Hazard		Impacts	Location	Timing
Heavy Snow		Significant snow accumulations of 8 or more inches possible resulting in hazardous travel.	A significant part of Southern New England may be impacted, but specific locations remain uncertain.	Later Monday into Tuesday.
Strong Winds		Isolated to scattered power outages possible along with a few downed trees.	Eastern MA and RI.	Later Monday into Tuesday.
Coastal Flood		Minor to moderate coastal flooding and beach erosion possible.	Portions of the Eastern Massachusetts coastline including Nantucket.	Monday night into Wednesday.
Marine		High Seas and Strong Winds may result in dangerous conditions for Mariners.	MA and RI Coastal Waters	Monday afternoon into Wednesday

Summary of Potentially Greatest Impacts



Heavy Snow: Potential for 8 or more inches across parts of the region

None	Limited	Elevated	Significant	Extreme
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Strong Winds: Eastern MA and RI

None	Limited	Elevated	Significant	Extreme
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Coastal Flood/Beach Erosion: Eastern MA coastline

None	Limited	Elevated	Significant	Extreme
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Marine: MA and RI Coastal Waters

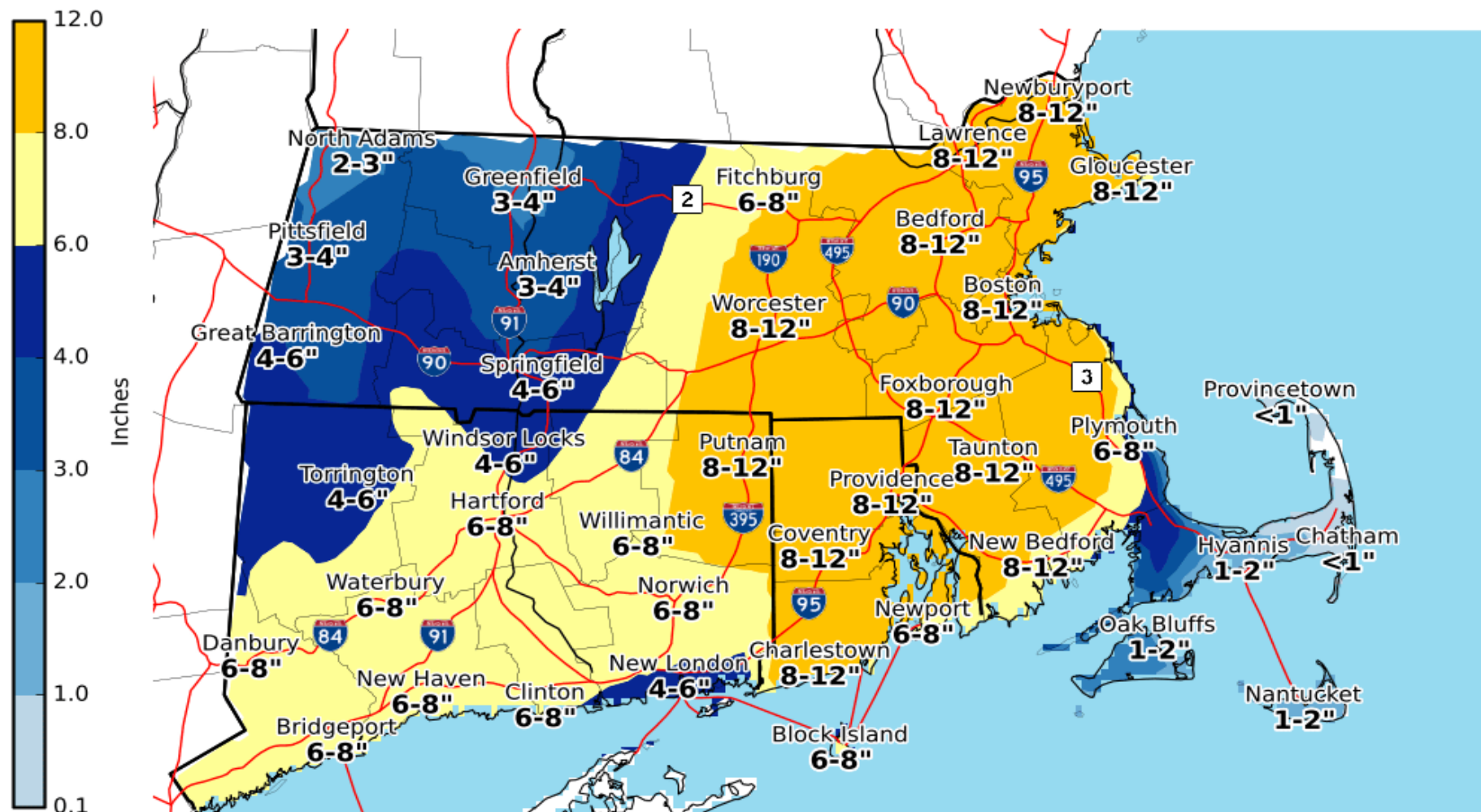
None	Limited	Elevated	Significant	Extreme
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Forecast Storm Total Snowfall

Expected Snowfall - Official NWS Forecast

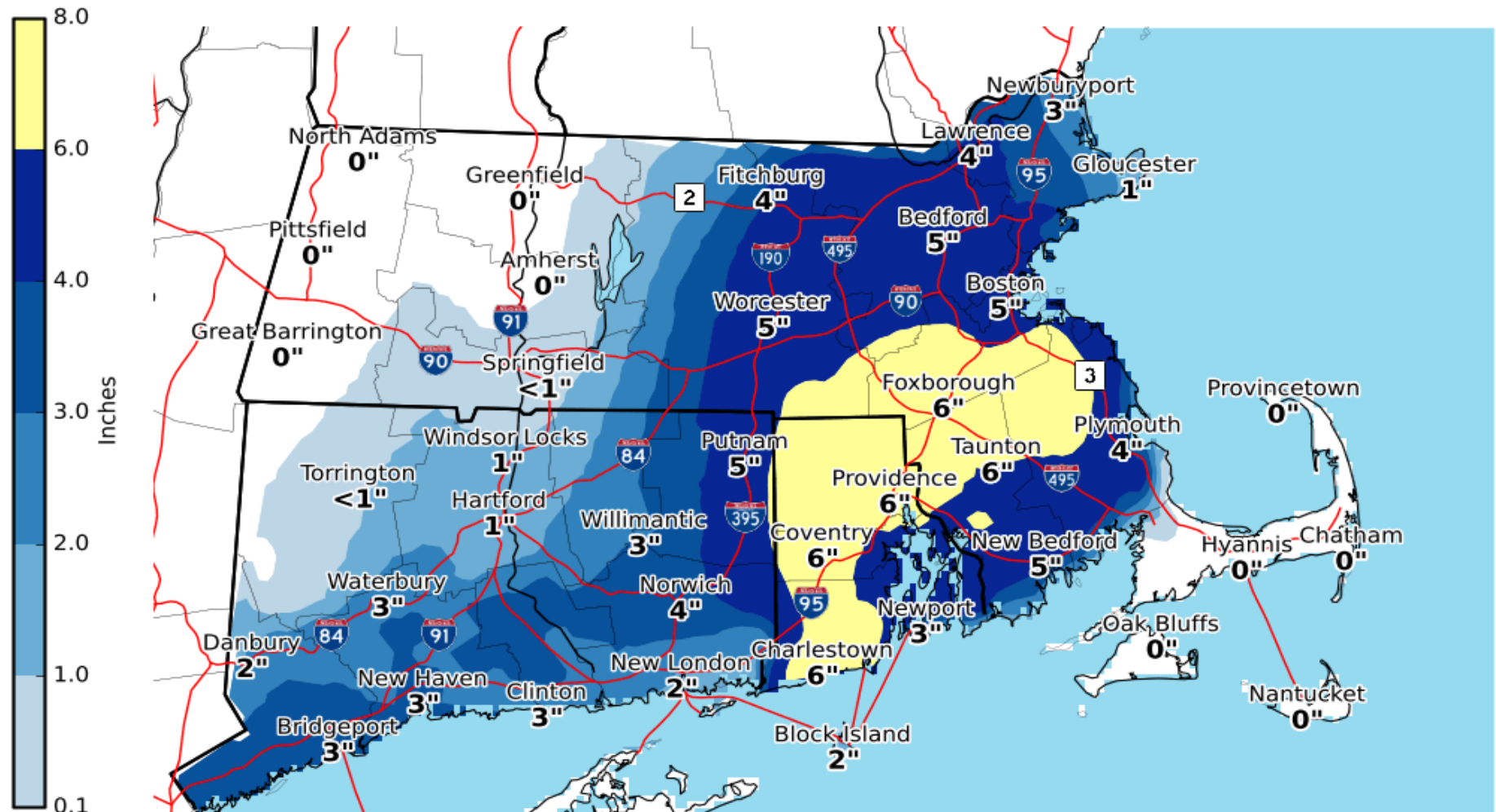
Valid: Monday afternoon through Tuesday



Forecast Storm Total Snowfall (Best Case)

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

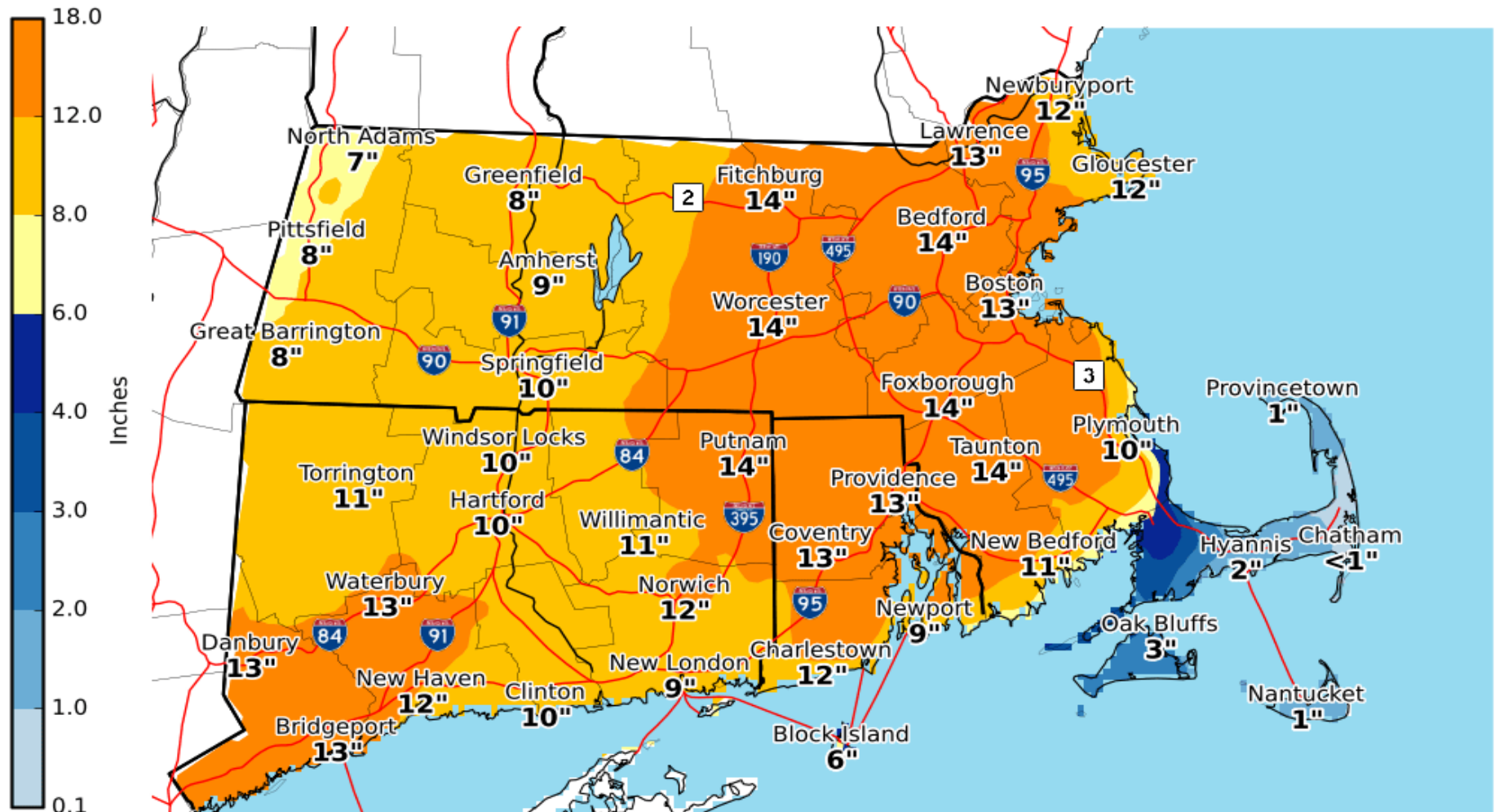
Valid: Monday afternoon through Tuesday



Forecast Storm Total Snowfall (Worst Case)



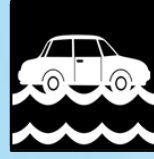
High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: Monday afternoon through Tuesday



Threat Event Summary

- ✓ **Confidence:** Moderate confidence on a winter storm, but significant uncertainty in where the risk for heaviest snow accumulations occur. Storm intensity, timing and the rain/snow line still need to be determined.

- ✓ **What:**
 -  There is a 50 percent chance that a portion of Southern New England receives 8 or more inches of snow.
 -  Strong winds may result in isolated to scattered power outages and a few downed trees across eastern MA & RI.
 -  Coastal flooding and beach erosion will be possible along the eastern MA coastline during the times of high tide Monday and Tuesday.

- ✓ **Where:** The potential for significant snow accumulations exist across the entire region. The strong wind and coastal flood threat will be across eastern MA & RI.

- ✓ **When:** Later Monday Into Tuesday.

Contact and Next Briefing Information

Next Briefing

When: 6 pm, Saturday, January 30th

Method: via email



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 6 am, Saturday, January 30, 2021.

