

Winter Weather Briefing

For Southern New England

Decision Support Briefing

Issued at: 3:45 PM Friday February 14, 2025 Next Scheduled Briefing: By 6AM Saturday

Key Messages

- A period of moderate snowfall followed by a wintry mix is expected Saturday night into Sunday morning
- Snow changing to sleet/freezing rain after midnight Saturday/Sunday from south to north
- Wintry mix changing over to rain mid-morning Sunday across southern New England

New Information

- → Previously issued Winter Storm Watch has been upgraded to Winter Weather Advisory
- → Winter Weather Advisory also expanded into northwest Rhode Island







Winter Weather Headlines



Saturday Afternoon through Sunday Evening



→ Winter Weather Advisory for locations west of I-95



- → Widespread snowfall amounts of 2 to 6" in the advisory area
- → Snow changing to sleet or freezing rain early Sunday morning



→ Difficult travel conditions are expected





Confidence Levels

Timing

LOW

MEDIUM

HIGH

Snow begins 4PM-7PM Sat for western MA/CT and 7-10PM east of Worcester. Snow changing to a wintry mix after midnight from south to north. Gradual change over to rain between 7AM-10AM Sunday.

Snow Amounts

LOW

MEDIUM

HIGH

2-6" of accumulating snow possible before the change over occurs. When the transition to sleet occurs and how much sleet falls creates uncertainty with regard to total storm amounts. Expect substantial melting by Sunday afternoon, especially across the eastern areas.

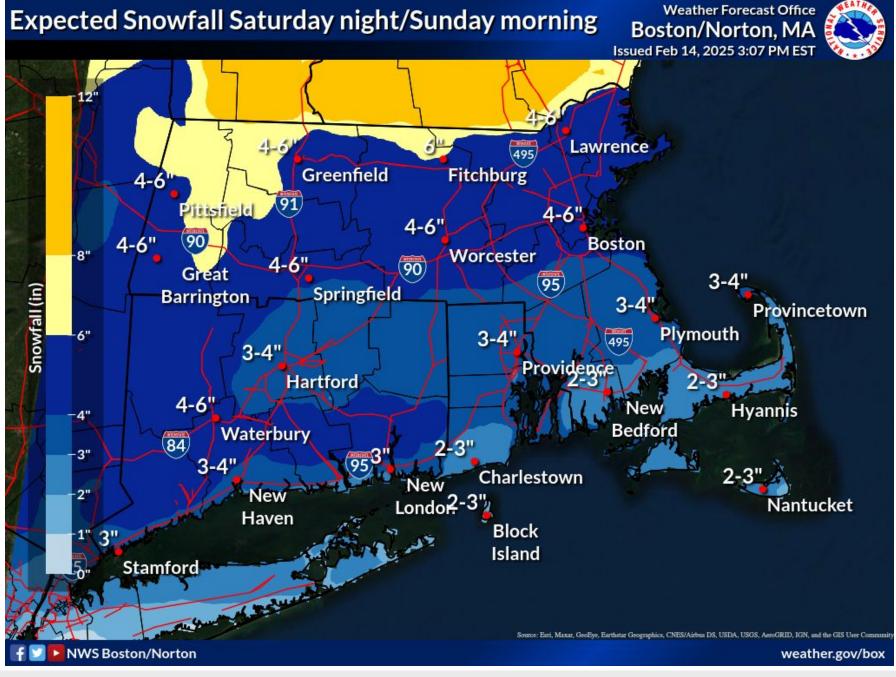
Travel Impacts

LOW

MEDIUM

HIGH

Travel will be difficult, especially late Saturday evening into the pre-dawn hours Sunday when snowfall accumulation rates will be highest.





Precipitation Type and Timing

Weather Forecast

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	2/15																	2/1	6								
	Sat																	Su	n								
	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am	5am	6am	7am	8am	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm
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Hartford																										△ 100%	
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New Bedford																											
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Springfield	35%	50%	60%	70%	75%	69 _{80%}	85%	85%	90%	₩ _{95%}	₩95%	20 95%	100%	20 100%	20 100%	20 100%	20 100%	0 100%	△ 90%								
Worcester	35%	45%	55%	65%	70%	75%	80%	85%	90%	95%	× 95%	* 095%	100%	100%	20 100%	20 100%	100%	20 100%	100%	△ 100%	△ 100%	△ 100%	△ 100%	△ 100%	△ 100%	△ 100%	△ 95%

Created: 1 pm EST Fri 2/14/2025. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain + - Fz Rain + - Wintry Mix + - Snow +

Created: 1 pm EST Fri 2/14/2025 |





Snowfall Onset Timing

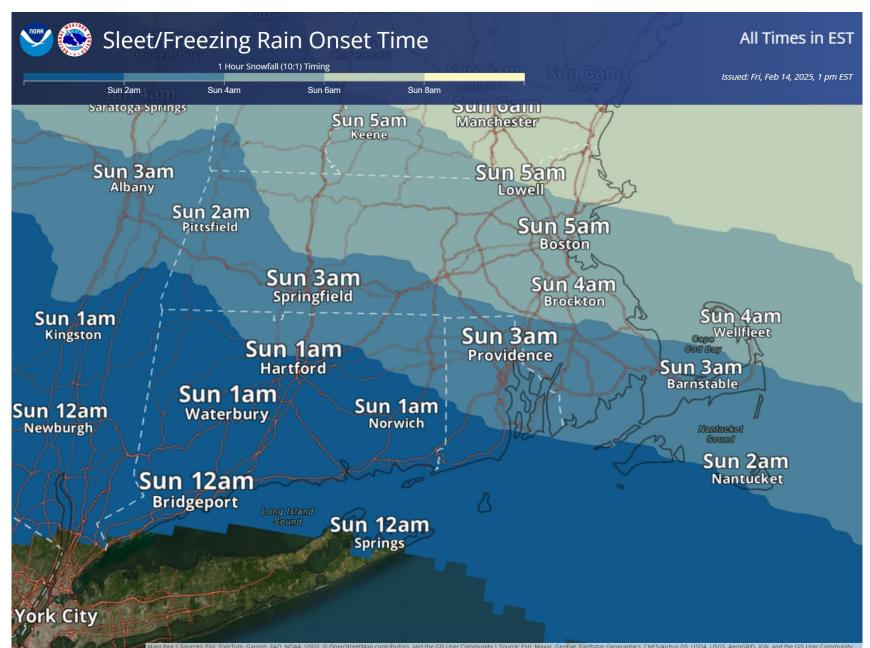


- Briefly light snowfall at the onset quickly becomes moderate, with a rate of ½" per hour or greater.
 - Onset timing: snow arrives from west to east.
 - 4-7 PM: Western MA & CT
 - 6-9 PM: Central MA & RI
 - 8-11 PM: Coastal Eastern MA
- Roadways will quickly become snow covered, leading to difficult driving conditions.
 - o Drive with caution.
 - Allow extra time to reach your destination safely.





Change Over Timing

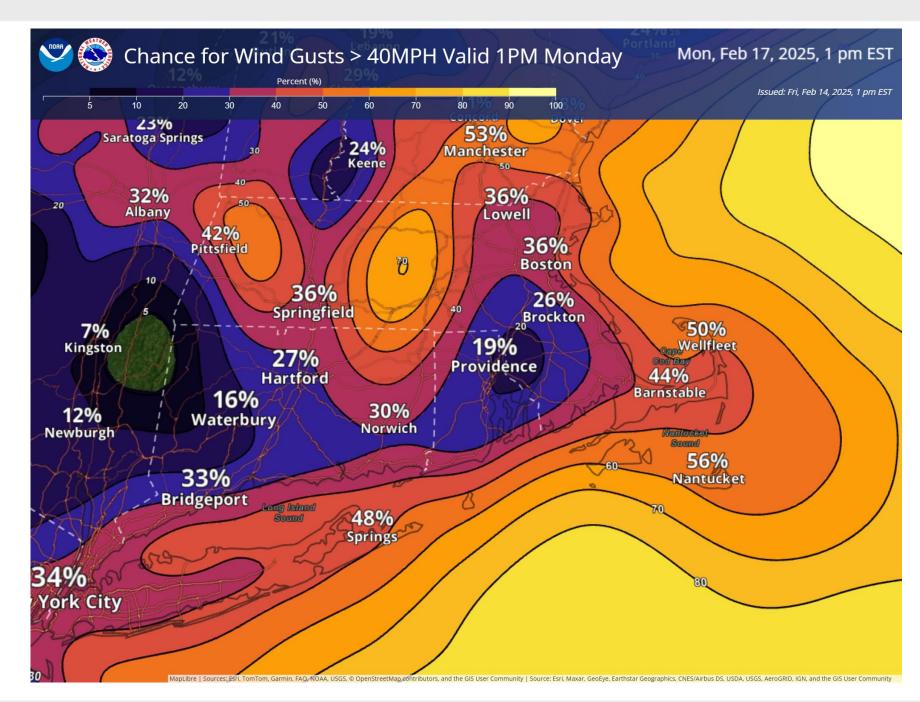


- Snow changes over to sleet/freezing rain after midnight from south to north
 - 12-2 AM: CT
 - 1-3 AM : RI/southeast MA/Cape
 - 3-6 AM: west,central,eastern MA
- Wintry mix changing to rain for most of southern New England between 7AM-10AM Sunday
- Isolated pockets of freezing rain may last into early afternoon in the Berkshires and Worcester Hills



Post Event Outlook (Monday)

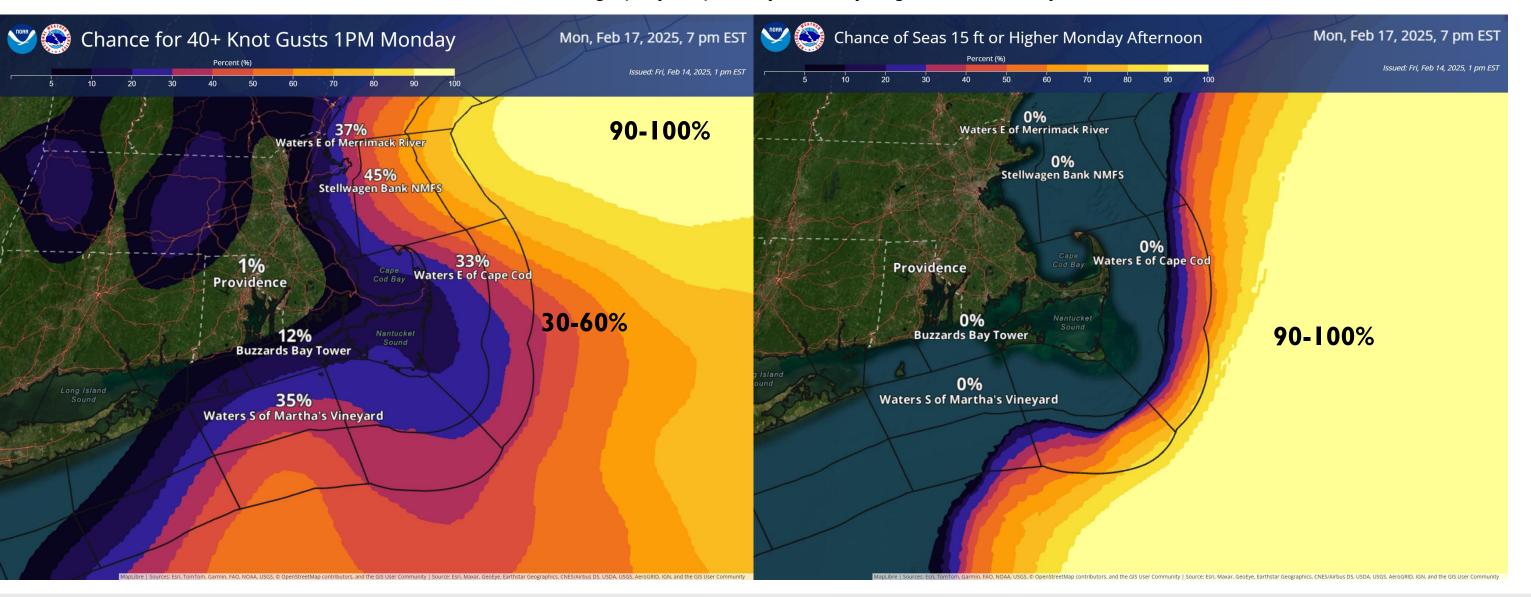
- Gusty northwest winds develop Sunday night into Monday
- Lingering ice and snow on trees and powerlines may exacerbate power outage potential with high winds
- 30 40 MPH northwest wind gusts likely during the day Monday
 - Some gusts to 50mph possible
- Dangerous marine conditions developing as well





Marine Conditions Monday

- High (60% and above) probability of seeing at least 40 knot wind gusts AND seas 15 feet and higher from about 25 nautical miles and beyond from the coast.
- Potential for moderate accumulation rates of freezing spray, especially Monday Night into Tuesday





Contact and Next Briefing Information

For Southern New England



→ By 6AM Saturday



Web

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Email

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Facebook

→ www.facebook.com/NWSBoston

Twitter

→ @NWSBoston

