

Winter Weather Briefing

For NWS Boston County Warning Area

Decision Support Briefing

Issued at: 3:00 PM Jan 19th, 2025

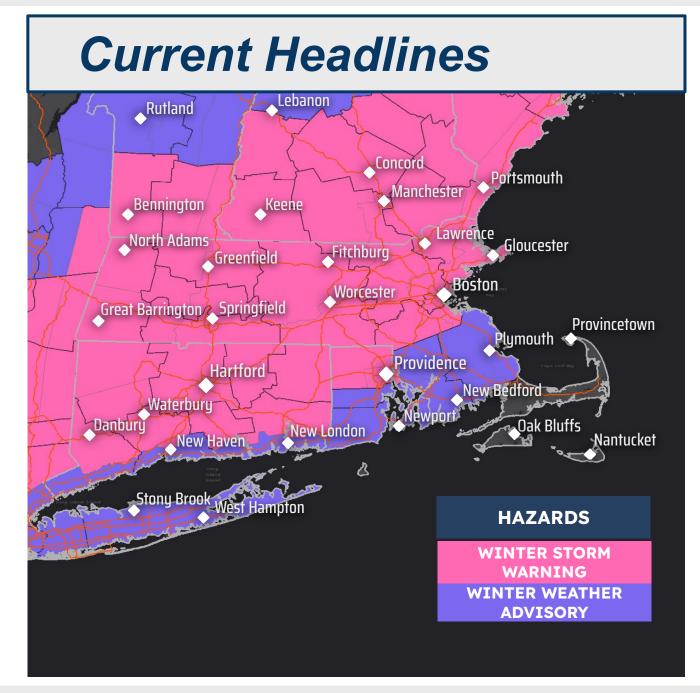
Next Scheduled Briefing: Last full briefing

Key Messages

- A moderate snowfall event is expected Sunday evening into early Monday.
- Well below normal temperatures and hazardous wind chills early next week.

Important Updates

- → No changes to headlines with this final update.
- → Pushed area of possible 4-6" slightly further southeast.





Winter Weather Headlines

Winter Storm Headlines



Late Today & Tonight



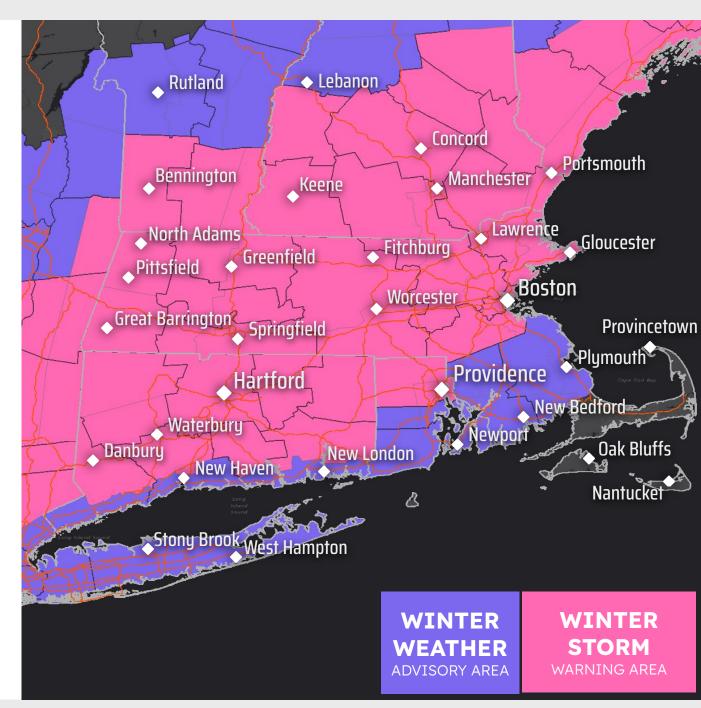
- Winter Storm Warning Along and Northwest of a Boston to Providence Line.
- Winter Weather Advisory southern RI/SE MA.



- → 4-8" with localized 10" amounts possible in the Winter Storm warning.
- → 3-6" of snow in the Winter Weather Advisory.



- → Heaviest Snow Between 7PM and Midnight.
- → Slick and hazardous travel.





Confidence Levels

Timing

LOW

MEDIUM

HIGH

Sun afternoon through early Mon morning. Snow should come to an end before Mon AM commute. Potential for rates (1-2"/hour) in banded snow Sun evening/night.

Snow Amounts

LOW

MEDIUM

HIGH

Increased confidence on accumulating, plowable snow but less confidence on location & placement of bands of heavier snow.

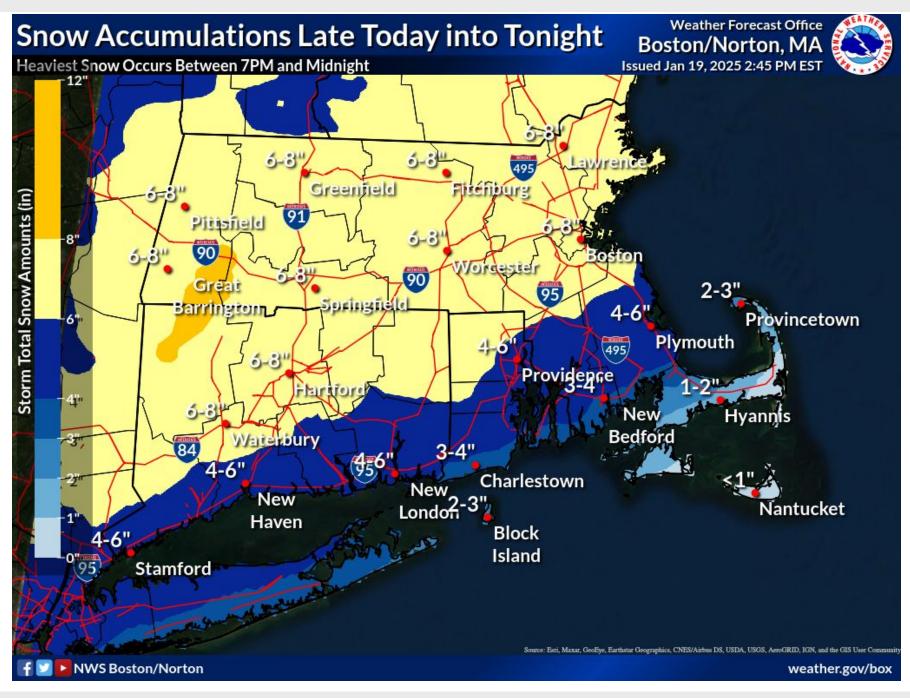
Travel Impacts

LOW

MEDIUM

HIGH

High probability for **at least** minor impacts (snow covered roads and slippery travel) for Monday AM commute. Potential for areas of hazardous travel Sun night.





Chance of 1 Hour Snowfall Greater Than 0.5 in

Sunday Afternoon, Jan 19 - Monday Morning, Jan 20

				Sun 1/19	Mon 1/20							
	5pm	6pm	7pm	8pm	9pm	10pm	11pm	12am	1am	2am	3am	4am
Boston	0%	20%	50%	80%	90%	90%	40%	20%	10%	0%	0%	0%
Chicopee/Westove	30%	20%	30%	60%	70%	70%	40%	0%	0%	0%	0%	0%
Fitchburg	0%	20%	30%	60%	80%	80%	50%	20%	0%	0%	0%	0%
Gloucester	0%	0%	30%	60%	90%	90%	90%	80%	40%	10%	0%	0%
Hartford	20%	50%	50%	50%	70%	80%	40%	0%	0%	0%	0%	0%
Hyannis	0%	0%	0%	20%	20%	30%	60%	50%	30%	10%	0%	0%
Lowell	0%	20%	20%	80%	70%	90%	70%	40%	0%	0%	0%	0%
Providence	0%	0%	60%	80%	90%	90%	50%	30%	0%	0%	0%	0%
Worcester	0%	10%	40%	50%	80%	80%	40%	10%	0%	0%	0%	0%

Percent Chance (%)

1 Information:

The table displays the percent chance of a weather event occurring based on model predictions from the High Resolution Ensemble Forecast. A higher number means greater certainty.

Additional Details



Potential Impacts:

- Heaviest Snow Between 7 and Midnight
- Snowfall Rates may briefly reach 1-2" per hour.



What To Do:

- Travel will become difficult this evening with snow covered roads and poor visibility.
- Although snow will have ended by daybreak Mon, temps well below freezing so roads may remain snow covered.

Valid: Sun 05 pm EST - Mon 04 am EST Issued: Sun, Jan 19, 2025, 2 pm EST





Bitter Cold Arrives Next Week

- Arctic outbreak brings well below normal temperatures to region next week.
- Coldest air Monday through Wednesday
- Hazardous wind chills (see next slide)

Minimur	peratu	re For	ecast (, ,									
	1/20	1/21	1/22	1/23	1/24	1/25		1/20	1/21	1/22	1/23	1/24	1/25
	Mon	Tue	Wed	Thu	Fri	Sat		Mon	Tue	Wed	Thu	Fri	Sat
Boston	15	8	3	5	13	18	Boston	25	19	18	26	32	33
Gloucester	16	11	6	8	16	19	Gloucester	26	20	20	28	33	34
Hartford	13	7	1	2	12	13	Hartford	25	17	19	25	32	33
Hyannis	20	11	11	13	21	21	Hyannis	35	21	22	31	33	34
Lowell	12	5	-1	1	9	14	Lowell	24	18	18	25	32	33
Nantucket	22	18	14	16	26	26	Nantucket	34	23	23	34	34	36
New Bedford	18	10	6	7	16	18	New Bedford	27	20	20	30	34	34
New Haven	15	6	5	5	14	16	New Haven	26	20	20	26	33	34
Newport	19	9	9	9	22	21	Newport	30	19	19	29	33	34
Pittsfield	7	-3	-3	-2	6	11	Pittsfield	18	13	12	21	27	28
Providence	15	9	3	4	13	17	Providence	26	19	19	27	32	34
Springfield	13	5	-2	0	7	12	Springfield	23	16	17	24	31	32
Worcester	12	4	0	2	10	15	Worcester	23	16	16	24	30	32

Minimum Temperature Forecast (°F)

Maximum Temperature Forecast (°F)

Created: 2 pm EST Sun 1/19/2025 | Values are minimums over the period beginning at the time shown. Created: 2 pm EST Sun 1/19/2025 | Values are maximums over the period beginning at the time shown.





Minimum Wind Chills

- Hazardous wind chills expected, aided by marginally breezy conditions.
- Wind chills 0 to -10F. Potentially as low as -20F in the Berkshires Mon, Tue, Weds night.
 - Near Cold Weather Advisory criteria.

Minimum	Wind	Chill	Forecast	(°F)	١
				•	7

1		1/	20	1/21				1/22				1/23				1/24				
	Mon				Tue				Wed				Thu				Fri			
	12am 6am 12pm 6pm				12am 6am 12pm 6pm				12am 6am 12pm 6pm				12am 6am 12pm 6pm				12am 6am 12pm 6pm			
Boston	4	0	8	2	-6	-7	5	4	-6	-8	2	-2	-4	-4	13	11	9	9	21	16
Gloucester	-1	-2	7	3	-4	-7	6	3	-5	-5	2	3	-2	-2	14	12	11	10	21	16
Hartford	4	0	10	6	-1	-3	4	7	1	-4	5	2	2	0	14	13	12	12	22	15
Hyannis	15	9	13	9	5	2	7	7	3	3	8	9	7	7	17	19	17	17	21	18
Lowell	2	-1	6	3	-3	-7	7	7	-1	-9	4	4	1	-6	12	12	12	8	20	13
Nantucket	17	11	12	9	6	4	9	7	4	3	8	7	8	10	19	21	21	20	22	20
New Bedford	10	6	10	7	1	-3	6	5	-3	-3	4	2	-1	1	17	17	12	10	20	16
New Haven	5	4	12	4	-3	-6	4	-2	-6	-6	7	3	-3	-4	12	10	4	3	19	13
Newport	12	6	12	9	2	-1	4	5	-2	-3	3	3	0	2	15	17	15	14	20	17
Pittsfield	-5	-8	3	1	-4	-6	-2	-3	-2	-2	1	0	-1	0	8	11	7	6	17	10
Providence	9	3	10	4	-2	-3	7	9	4	-4	5	4	5	4	15	15	17	10	22	16
Springfield	1	0	7	3	-6	-7	3	3	-2	-10	3	-2	-8	-9	9	7	4	4	20	11
Worcester	0	-3	5	0	-8	-11	1	0	-8	-10	0	-4	-8	-8	9	8	6	4	18	12

-8655564546353625291510-5 0 5 101520253035404550558085707580859095 00051015204

Minimum Wind Chill Forecast (°F)

Created: 2 pm EST Sun 1/19/2025 | Values are minimums over the period beginning at the time shown.





Contact and Next Briefing Information

January 19, 2025 3:03 PM

For NWS Boston/North County Warning Area



Next Briefing

- → This is the Final Full Briefing
- → Method: N/A



Disclaimer

- → Information contained in this briefing is time-sensitive
- → Do Not Use After: N/A



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