

Winter Weather Briefing

For NWS Boston County Warning Area

Decision Support Briefing

Issued at: 6:00 AM Jan 19th, 2025 Next Scheduled Briefing: By 6 PM [Sun Jan 19th]

Key Messages

- Growing confidence on 6" or more snow totals north and west of I-95 Sunday afternoon into early Monday, though the location of the exact maximum from snowbands is uncertain.
- Increasing confidence of at least plowable snowfall for the BOS-PVD I-95 corridor.
- Well below normal temperatures and hazardous wind chills early next week.

NEW **Important Updates**

- Winter Storm Watch converted to Winter Storm Warning \rightarrow for northern RI, Boston metro, and northeast CT.
- Increased snow amounts into the Boston-Providence \rightarrow I-95 corridor.





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Winter Weather Headlines

Winter Storm Headlines



Late Today & Tonight

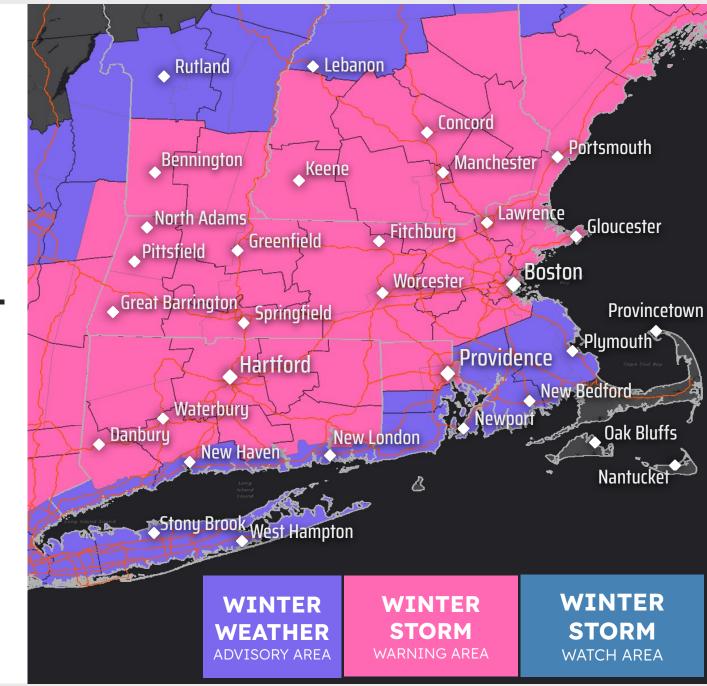
- Winter Storm Warning Along and Northwest of a Boston to Providence Line.
- Winter Weather Advisory southern RI/SE MA.
 - → 4-8" with localized 10" amounts possible in the Winter Storm warning.



3-6" of snow in the Winter WeatherAdvisory.



- Heaviest Snow Between 6 PM and Midnight.
- Slick and hazardous travel.





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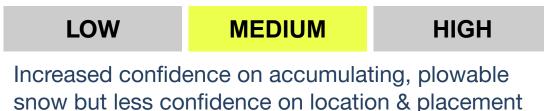
Confidence Levels

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



Travel Impacts

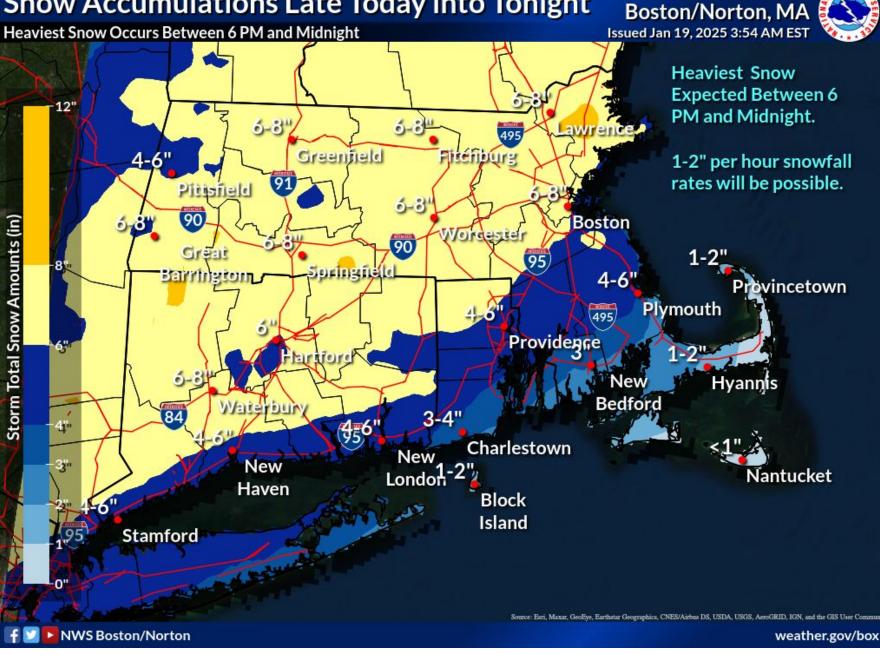
of bands of heavier snow.



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.



Snow Accumulations Late Today into Tonight

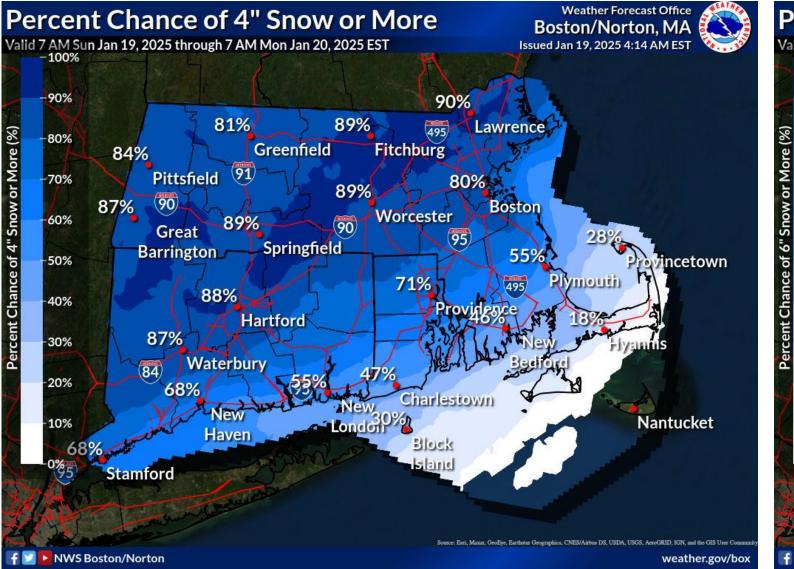


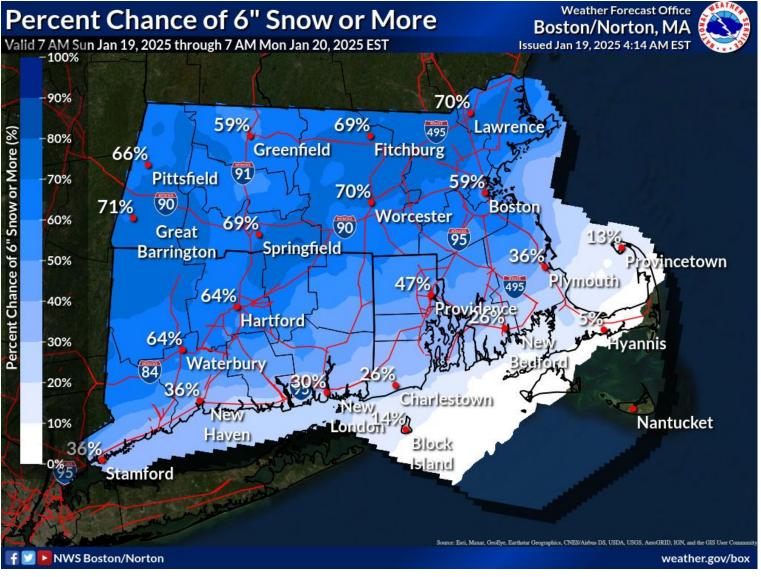
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Weather Forecast Office



Snow Amounts







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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%	0%	40%	60%	80%	90%	70%	50%	40%	10%	0%	0%
Chicopee/Westove	20%	20%	50%	50%	80%	90%	70%	20%	0%	0%	0%	0%
Fitchburg	10%	20%	20%	70%	70%	80%	70%	40%	0%	0%	0%	0%
Hartford	20%	20%	50%	50%	80%	80%	80%	10%	20%	0%	0%	0%
Hyannis	0%	0%	0%	20%	10%	30%	40%	60%	30%	30%	0%	0%
Lowell	0%	20%	20%	70%	80%	90%	70%	60%	40%	20%	10%	0%
Providence	0%	0%	30%	50%	80%	80%	70%	50%	10%	10%	0%	0%
Worcester	10%	20%	40%	60%	80%	80%	50%	50%	10%	10%	10%	0%
						Dersent C	hance (0/					

Percent Chance (%)

O 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 6 PM And Midnight
- Snowfall Rates may briefly reach 1-2" per hour.

What To Do:

- Travel will become difficult this evening 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, 3 am 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)

Minimum	Tempe	erature	Fore	cast (°	Ϋ́F)	Maximum Temperature Forecast (°F)								
	1/20	1/21	1/22	1/23	1/24	1/25		1/20	1/21	1/22	1/23	1/24		
	Mon	Tue	Wed	Thu	Fri	Sat		Mon	Tue	Wed	Thu	Fri		
Block Island	13	11	11	13	22	24	Block Island	26	20	20	29	33		
Boston	8	3	3	5	13	18	Boston	25	19	18	26	32		
Cambridge	8	3	3	5	13	17	Cambridge	25	19	18	26	32		
Gloucester	9	6	6	8	16	19	Gloucester	26	20	20	28	33		
Hartford	5	1	1	2	8	13	Hartford	25	17	19	25	32		
Hyannis	13	11	11	13	21	21	Hyannis	27	21	22	31	33		
Lowell	4	-1	-1	1	9	14	Lowell	24	18	18	25	32		
Nantucket	17	14	14	16	26	26	Nantucket	28	23	23	34	34		
New Bedford	9	6	6	7	16	18	New Bedford	27	20	20	30	34		
Newport	10	9	9	10	19	21	Newport	26	19	19	30	33		
Plymouth	8	7	7	7	16	17	Plymouth	26	20	20	29	33		
Providence	6	3	3	4	13	17	Providence	26	19	19	27	32		
Springfield	3	-2	-2	0	7	12	Springfield	23	16	17	24	31		
Vineyard Haven	15	12	12	13	23	24	Vineyard Haven	28	22	22	32	34		
Westerly	8	6	6	6	15	18	Westerly	26	19	20	28	33		
Worcester	3	0	0	2	10	15	Worcester	23	16	16	24	30		
0 5 10 15 20 Minimum Temperature Forecast (°F) Created: 5 am EST Sun 1/19/2025 Values are minimums over the period beginning at the time shown.														

Created: 5 am EST Sun 1/19/2025 | Values are minimums over the period beginning at the time show



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- 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 Ο criteria.

Minimum Wind Chill Forecast (°F)																				
	Č.	1/	20			1/		mu	1/22				י י	1/	23		1/24			
	Mon				Tue				Wed				Thu				Fri			
	12am	6am	12pm	6pm	12am 6am 12pm 6pm								12am	6am	12pm	6pm				
Block Island	9	8	11	6	2	0	5	5	0	-1	4	4	4	5	15	17	14	14	19	18
Boston	4	0	8	2	-6	-7	5	4	-6	-8	2	-2	-4	-4	13	11	9	9	21	16
Cambridge	4	1	8	3	-5	-7	5	3	-6	-8	3	0	-4	-3	12	11	8	8	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
Newport	10	5	11	7	2	-2	4	5	-1	-2	4	3	3	4	16	18	16	15	22	17
Plymouth	8	2	9	4	-1	-5	6	5	-1	-2	5	0	-2	-1	18	15	13	12	21	15
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
Vineyard Haven	14	10	13	9	5	2	6	5	-1	-1	5	4	4	4	19	20	18	18	22	19
Westerly	9	7	13	10	5	0	6	7	-2	-3	4	7	9	6	17	18	19	13	22	16
Worcester	0	-3	5	0	-8	-11	1	0	-8	-10	0	-4	-8	-8	9	8	6	4	18	12
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					-1		-5 Minimu	o m Win	d Chill]	10 Foreca	15 st (°F)	20	25							

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Contact and Next Briefing Information

For NWS Boston/North County Warning Area



- By 6 PM Sunday Jan 19
- Method: Email \rightarrow



- Information contained in this briefing is time-sensitive \rightarrow
- Do Not Use After: 6:00 AM Sunday, Jan 19 \rightarrow

Contact Information

Web

weather.gov/box \rightarrow

Phone

(508) 622-3250 \rightarrow

Email

box.operations@noaa.gov \rightarrow

Facebook

www.facebook.com/NWSBoston \rightarrow

Twitter

@NWSBoston \rightarrow





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