



Winter Weather Briefing

For Southern New England

February 12, 2024

4:44 AM

Decision Support Briefing #3

→ As of 5:00 AM Monday, February 12, 2024

NEW

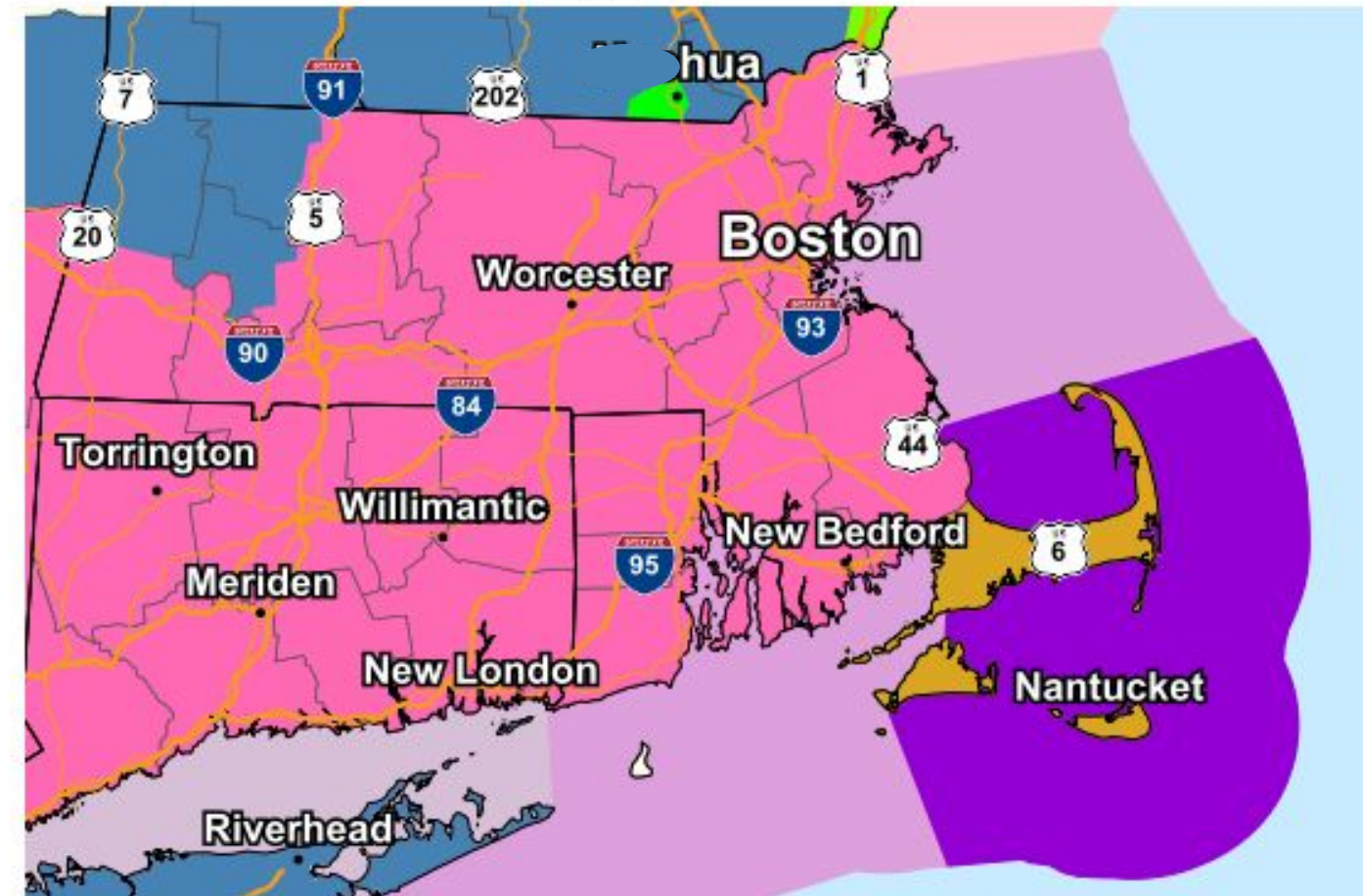
Important Updates

- Axis of heaviest snow shifted south
- Southern RI and portions of SE MA upgraded to a Winter Storm Warning
- Winter Storm Watch issued for Cape Cod
- High Wind Warning issued for Cape Cod and the Islands
- Coastal Flood Warning issued for Boston south



Current Watches, Warnings, and Advisories

- Winter Storm Warning
- High Wind Warning
- Storm Warning
- Flood Warning
- Gale Warning
- Coastal Flood Advisory
- Small Craft Advisory
- Winter Storm Watch
- Coastal Flood Watch
- Coastal Flood Statement
- Gale Watch



Graphic Created
February 12th, 2024
2:46 AM CST







National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

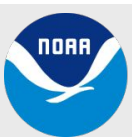
National Weather Service
Boston / Norton, MA



Main Points

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Hazard		Impacts	Location	Timing
Snow		Dangerous travel Heavy wet snow may result in power outages	Dangerous travel for much of southern New England Power outage risk due to wet snow greatest for northern CT, RI into SE MA.	Dangerous travel for much of Tuesday Impacts both the Tuesday AM/PM commute
Coastal Flooding		Minor to moderate flooding likey on coastal roads	Eastern MA coastal areas	Tuesday afternoon and Wednesday AM high tides
Wind/ Damaging Wind		Potential for power outages	Cape Cod, Martha's Vineyard and Nantucket	Tuesday Peak Winds 1-7 PM
Marine		Dangerous sea conditions for vessels	All waters	Tuesday Peak Winds 1-7 PM

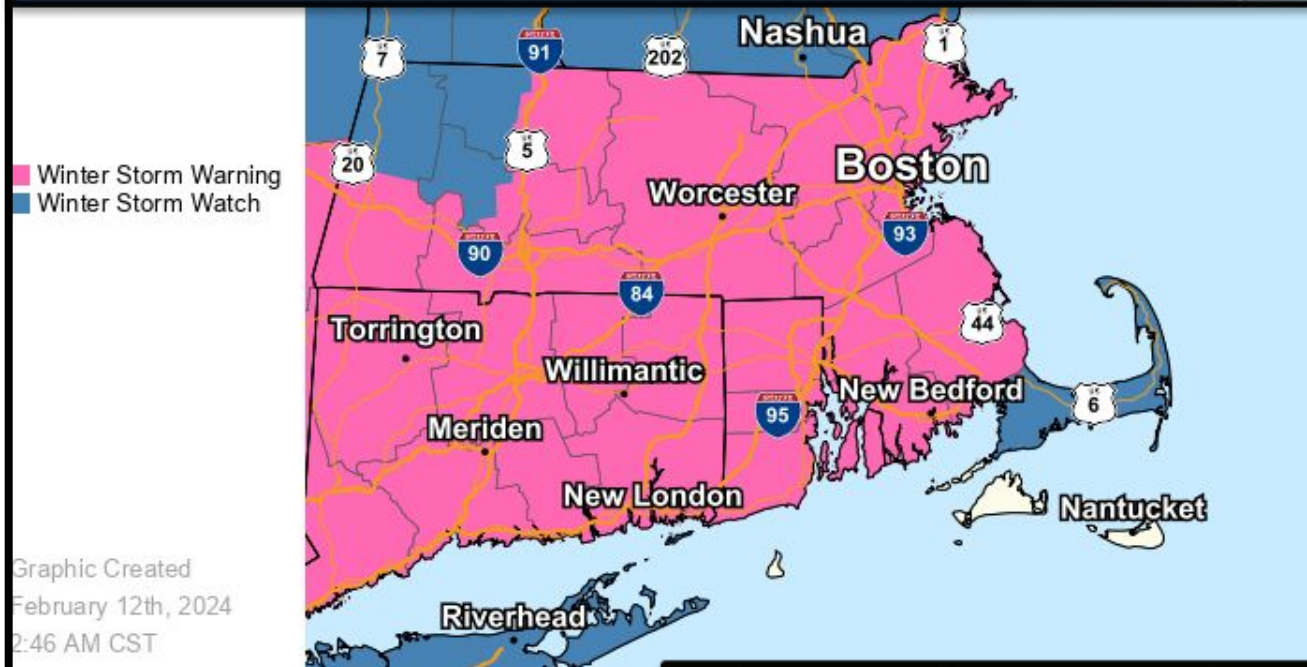




Active Headlines

February 12, 2024
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Winter Weather Hazards



Marine / Coastal Hazards



Wind Related Hazards





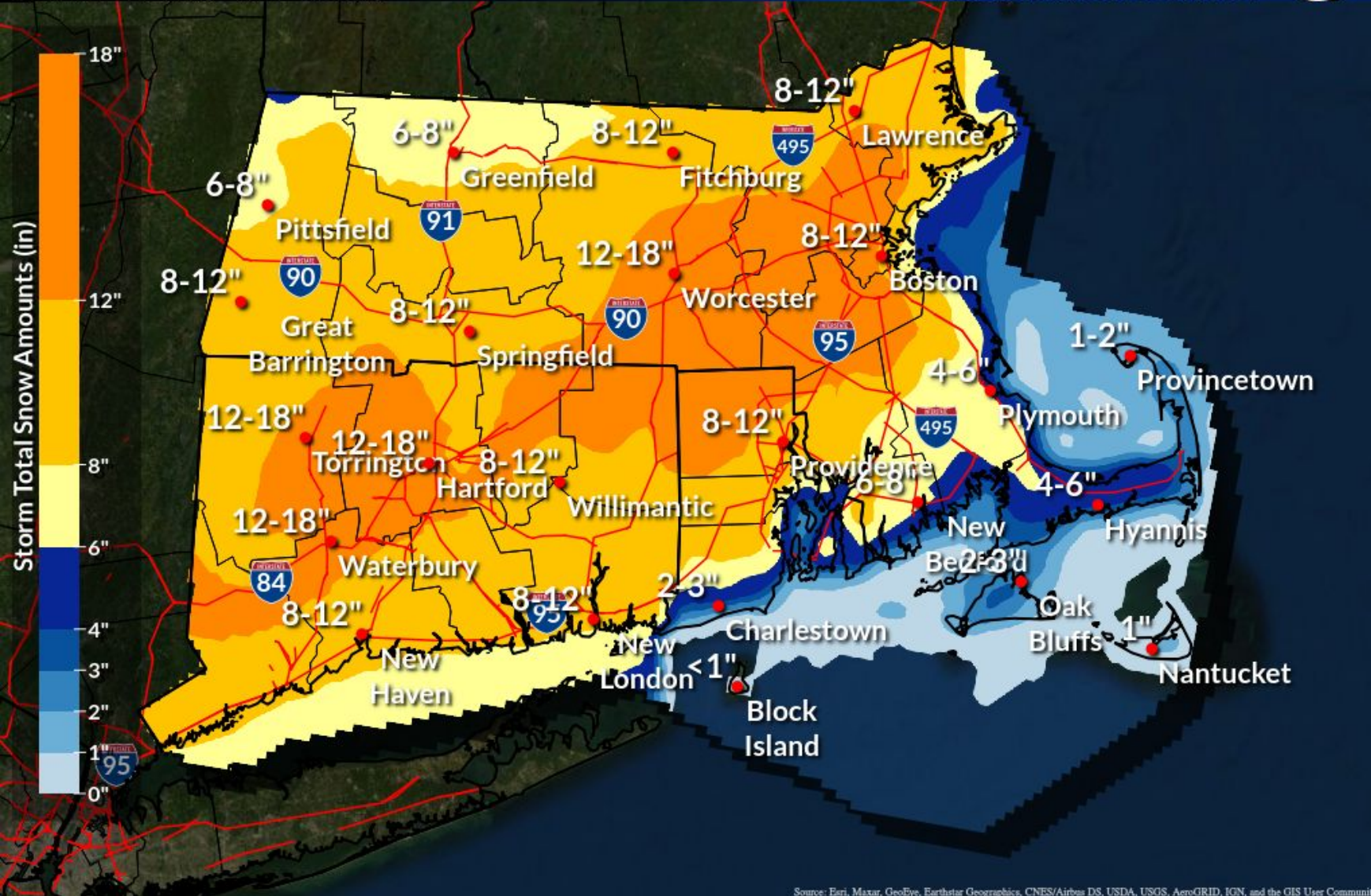
Forecast Storm Total Snowfall

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Storm Total Snowfall Forecast

Valid 1 AM Tuesday - 7 PM Tuesday

Weather Forecast Office
Boston/Norton, MA
Issued Feb 12, 2024 3:52 AM EST



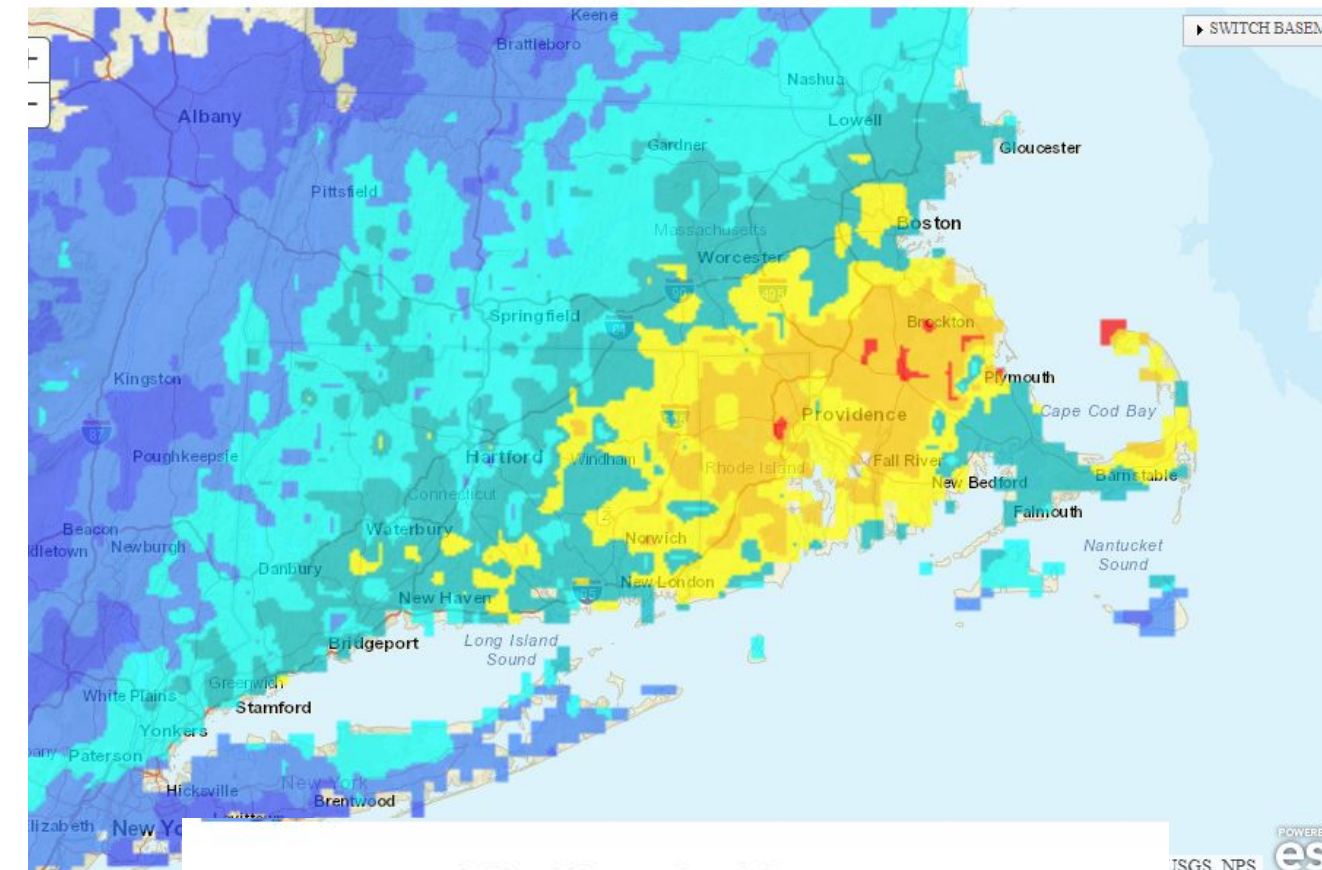
NWS Boston/Norton

weather.gov/box

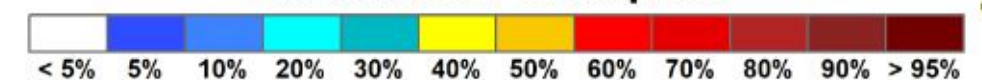


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Probabilities of Moderate Impacts from Snow Loading (WSSI)



Likelihood of Impact



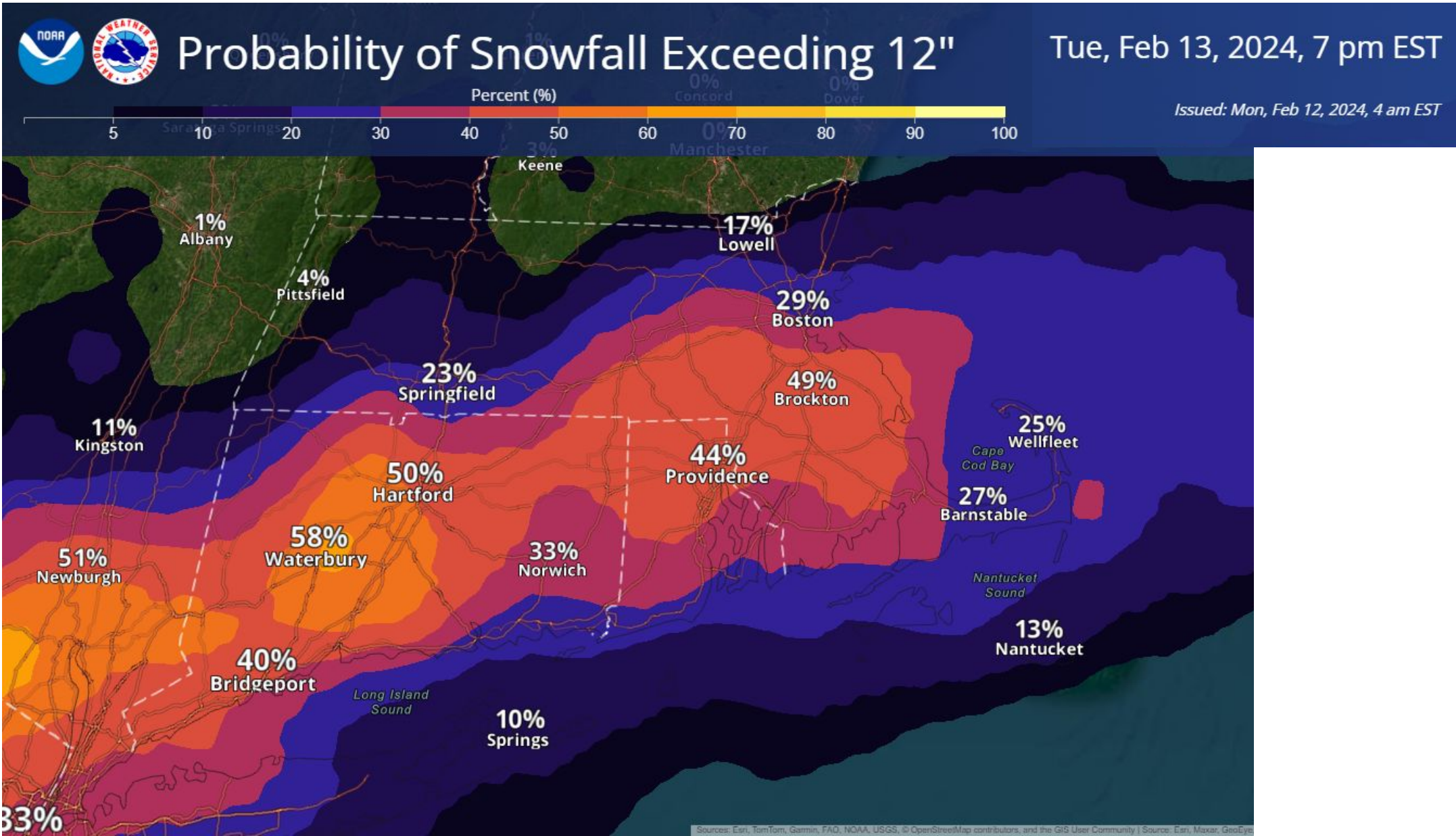
Click Legend for a detailed description of the impact levels

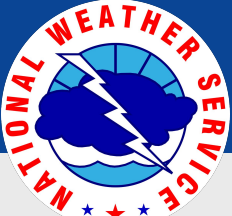
National Weather Service
Boston / Norton, MA



Probability of Exceeding 12"

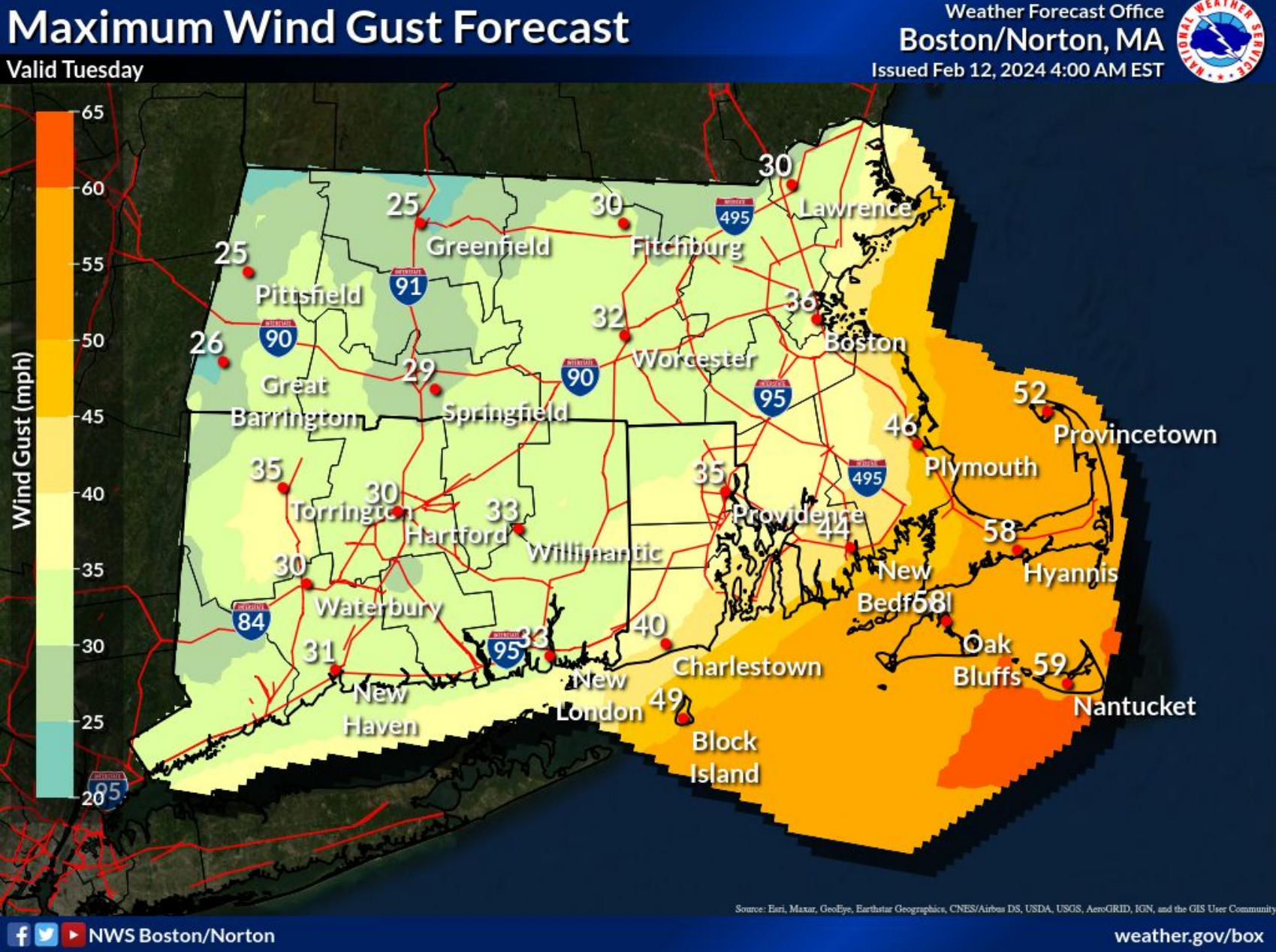
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Max Wind Gusts

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Maximum Wind Gust Forecast (mph)									
	2/13 Tue								2/14 Wed
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	Maximum
Block Island	18	31	43	47	51	43	36	28	51
Boston	12	18	28	33	36	29	23	20	36
Brockton	12	16	26	33	36	33	25	18	36
Gloucester	15	22	31	39	43	37	31	25	43
Greenfield	10	15	21	24	25	18	17	15	25
Hartford	12	17	24	29	30	23	18	14	30
Hyannis	12	22	32	41	49	58	45	32	58
Lowell	10	14	22	29	30	22	18	17	30
Nantucket	14	25	37	47	59	59	51	37	59
New Bedford	12	20	30	39	45	37	29	21	45
Providence	12	16	25	32	36	30	23	17	36
Provincetown	15	23	35	46	53	49	45	38	53
Springfield	12	16	23	28	29	22	17	15	29
Vineyard Haven	14	23	36	44	51	58	38	28	58
Worcester	13	18	25	30	32	24	21	18	32

Created: 4 am EST Mon 2/12/2024 | Values are maximums over the period beginning at the time shown.





Timeline

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Weather Forecast								
	2/13 Tue							
	12am	3am	6am	9am	12pm	3pm	6pm	9pm
Block Island								
Boston								
Brockton								
Gloucester								
Greenfield								
Hartford								
Hyannis								
Lowell								
Nantucket								
New Bedford								
Providence								
Provincetown								
Springfield								
Vineyard Haven								
Worcester								

Created: 4 am EST Mon 2/12/2024. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation \geq 0%

- Rain +

- Wintry Mix +

- Snow +

Created: 4 am EST Mon 2/12/2024 |



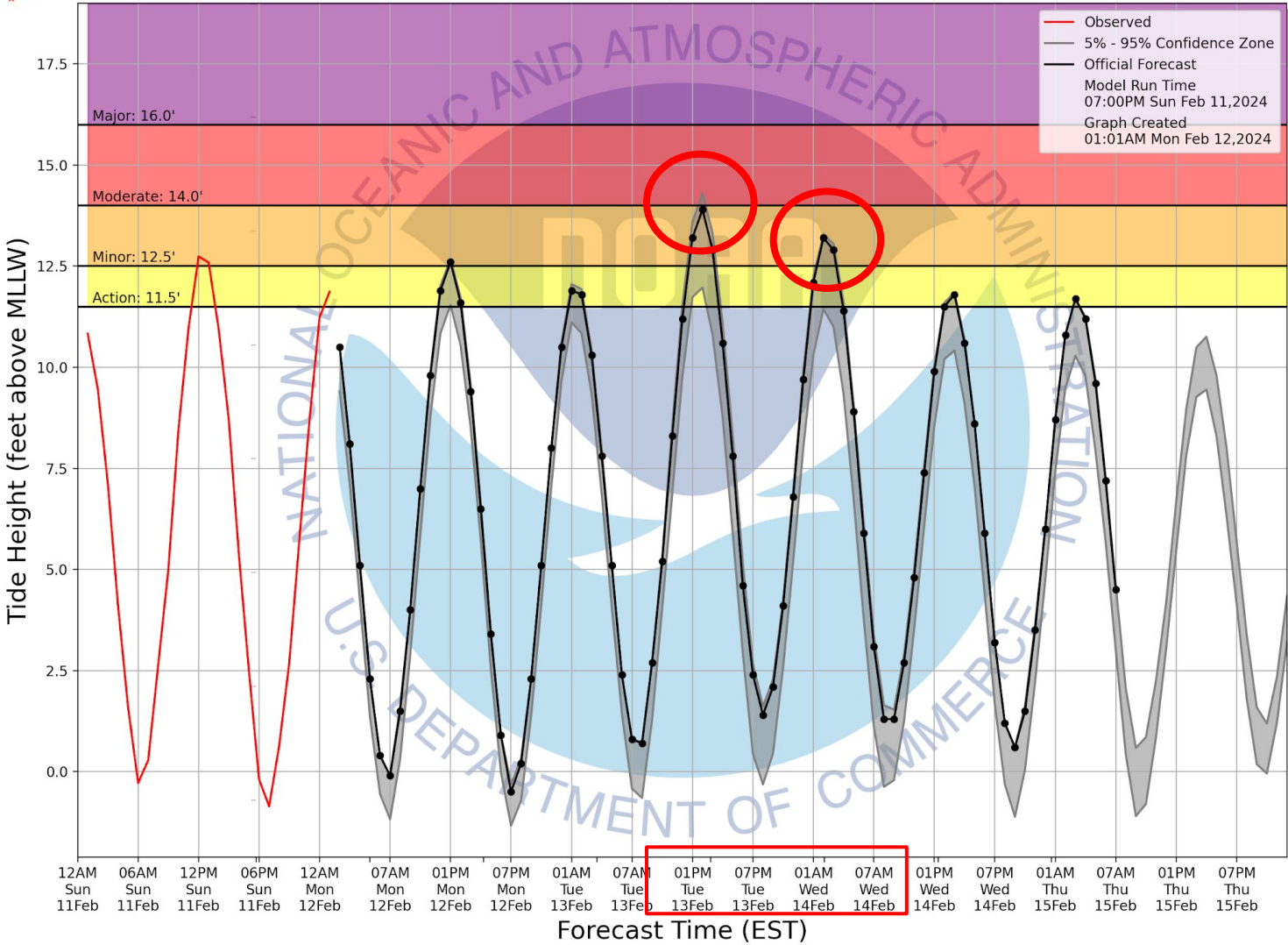


Coastal Flood Forecast

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Boston Harbor at Boston, MA
Tide Height (MLLW)



Minor to moderate coastal flooding anticipated across the eastern Massachusetts coastline.

High tide of greatest concern is the **Tuesday afternoon** high tide, but there could still be lingering issues for the Wednesday morning high tide.

- The eastern Massachusetts coast is particularly vulnerable given the coastal flooding impacts we've seen so far this winter.
- Storm surge of 2.5 to 3.5 feet anticipated.



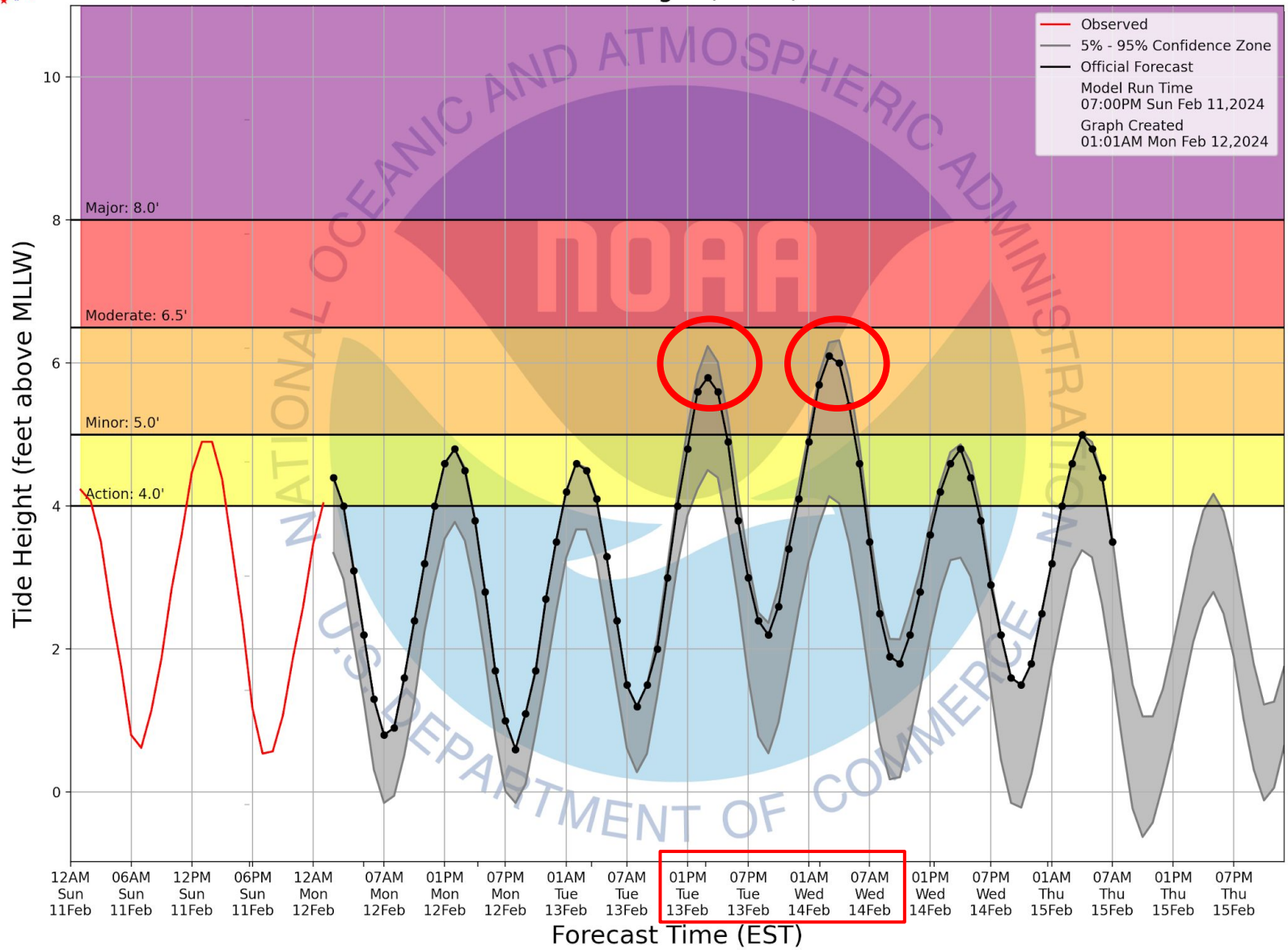


Coastal Flood Forecast

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Nantucket Harbor at Nantucket, MA
Tide Height (MLLW)





Post Event Outlook

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Gusty Winds Continue Wednesday & Thursday

Maximum Temperature Forecast (°F)

	2/14 Wed								2/15 Thu								Maximum
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm		
Block Island	33	32	31	31	33	33	32	30	28	28	29	32	34	35	35	35	
Boston	27	25	24	29	31	31	28	25	23	23	22	29	34	34	32	34	
Brockton	25	23	22	29	31	32	28	24	22	21	21	30	34	34	31	34	
Gloucester	28	26	24	29	31	31	27	24	23	22	22	29	34	34	32	34	
Greenfield	24	22	23	25	27	29	26	24	22	21	21	29	34	34	31	34	
Hartford	27	26	25	30	31	31	28	25	22	22	22	30	35	35	32	35	
Hyannis	28	27	27	32	32	32	29	26	24	22	24	30	33	33	32	33	
Lowell	25	23	21	28	30	31	27	24	22	21	21	29	34	35	31	35	
Nantucket	31	30	31	34	34	33	32	30	28	26	27	31	34	34	34	34	
New Bedford	26	26	25	32	32	32	29	25	22	22	23	31	35	35	31	35	
Providence	27	25	24	30	32	32	28	24	22	21	22	29	34	35	32	35	
Provincetown	31	29	29	31	32	32	30	27	27	26	25	30	33	33	33	33	
Springfield	25	23	23	28	30	31	28	24	23	22	21	30	35	35	32	35	
Vineyard Haven	28	28	29	33	34	33	30	28	26	25	26	32	34	34	33	34	
Worcester	24	21	22	26	28	29	26	22	21	19	21	29	33	33	29	33	

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Maximum Wind Gust Forecast (mph)

	2/14 Wed								2/15 Thu								Maximum
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm		
Block Island	25	26	30	28	30	31	32	33	35	32	30	29	26	24	22	35	
Boston	18	17	22	26	30	30	31	29	26	26	24	22	21	20	17	31	
Brockton	16	15	21	24	28	28	28	26	25	23	23	22	21	20	17	28	
Gloucester	24	24	30	31	33	35	36	35	36	35	33	29	25	22	20	36	
Greenfield	13	16	22	26	30	30	31	29	30	29	23	20	17	15	13	31	
Hartford	13	15	23	25	29	28	26	23	22	20	17	18	17	16	15	29	
Hyannis	26	24	28	28	28	31	33	33	35	33	32	31	29	24	20	35	
Lowell	15	15	22	28	31	30	29	28	29	26	23	22	21	17	15	31	
Nantucket	29	28	29	28	28	31	36	35	36	37	36	35	33	30	25	37	
New Bedford	18	18	24	26	26	26	26	26	28	26	26	25	23	21	17	28	
Providence	15	15	20	23	25	25	25	24	25	23	21	21	20	18	15	25	
Provincetown	31	30	37	36	35	38	41	43	43	39	38	36	31	26	22	43	
Springfield	13	14	23	25	29	28	26	23	23	20	17	17	16	15	14	29	
Vineyard Haven	24	24	26	26	26	28	29	30	31	30	30	30	28	25	21	31	
Worcester	17	16	21	28	31	29	31	31	30	28	24	22	21	18	16	31	

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Contact and Next Briefing Information

February 12, 2024
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For NWS Boston/North County Warning Area



Briefing Webpage

→ <https://www.weather.gov/box/emhome>



Next Briefing

By 6 PM Monday

→ Method: Email



Disclaimer

Information contained in this briefing is time-sensitive

→ Do Not Use After: 6 PM, Monday February 12th



Contact Information

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