



Winter Weather Briefing

For Southern New England

February 12, 2024
4:30 PM

Decision Support Briefing #4

→ As of 4:30 PM Monday, February 12, 2024

Important Updates

NEW

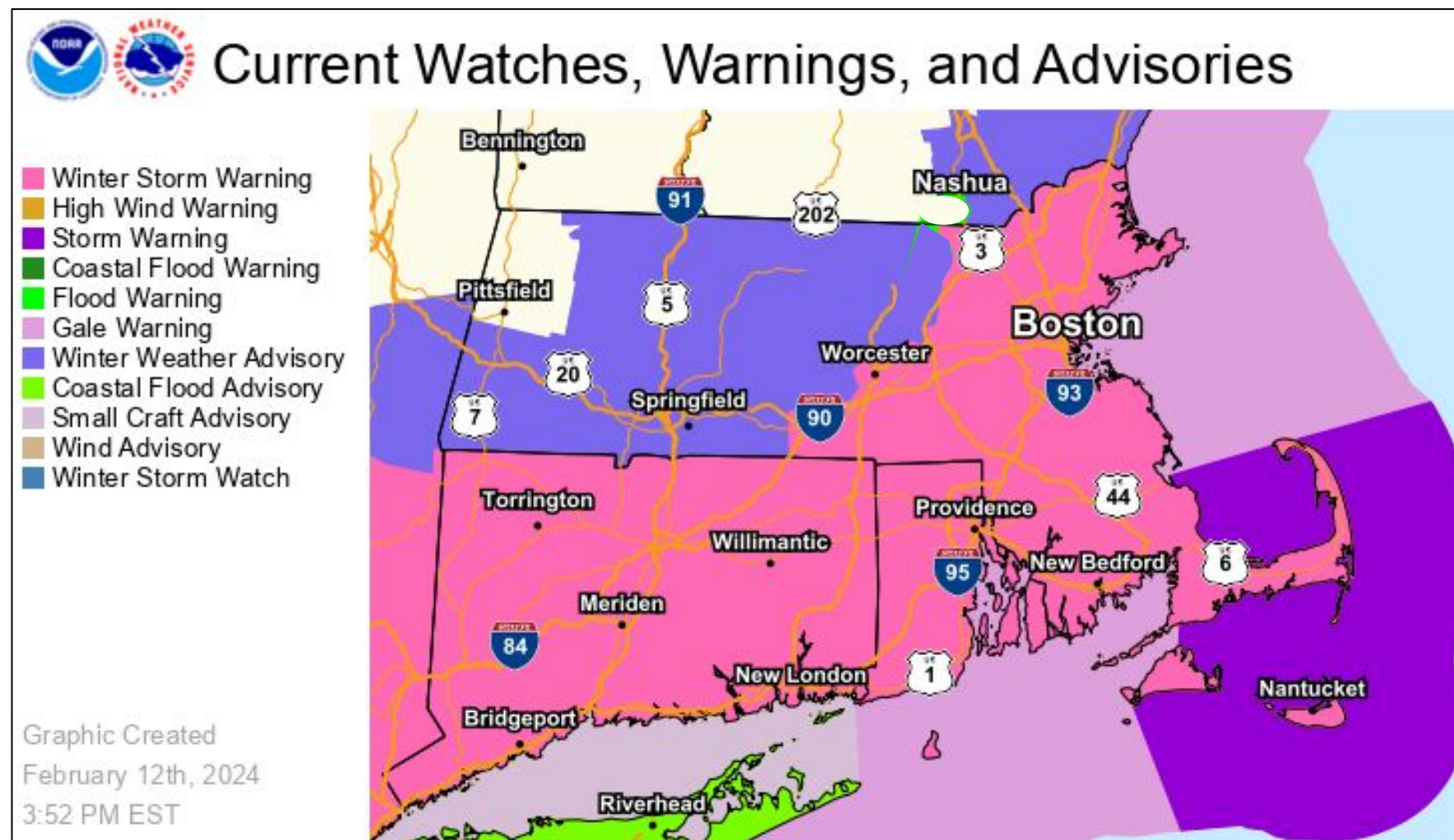
Axis of heaviest snow shifted significantly south

→ Winter Storm Warnings have been converted to Winter Storm Advisories from Worcester and Springfield, north and west

→ Winter Storm Warning in effect for CT, RI, eastern MA

→ High Wind Warning issued for Cape Cod and the Islands

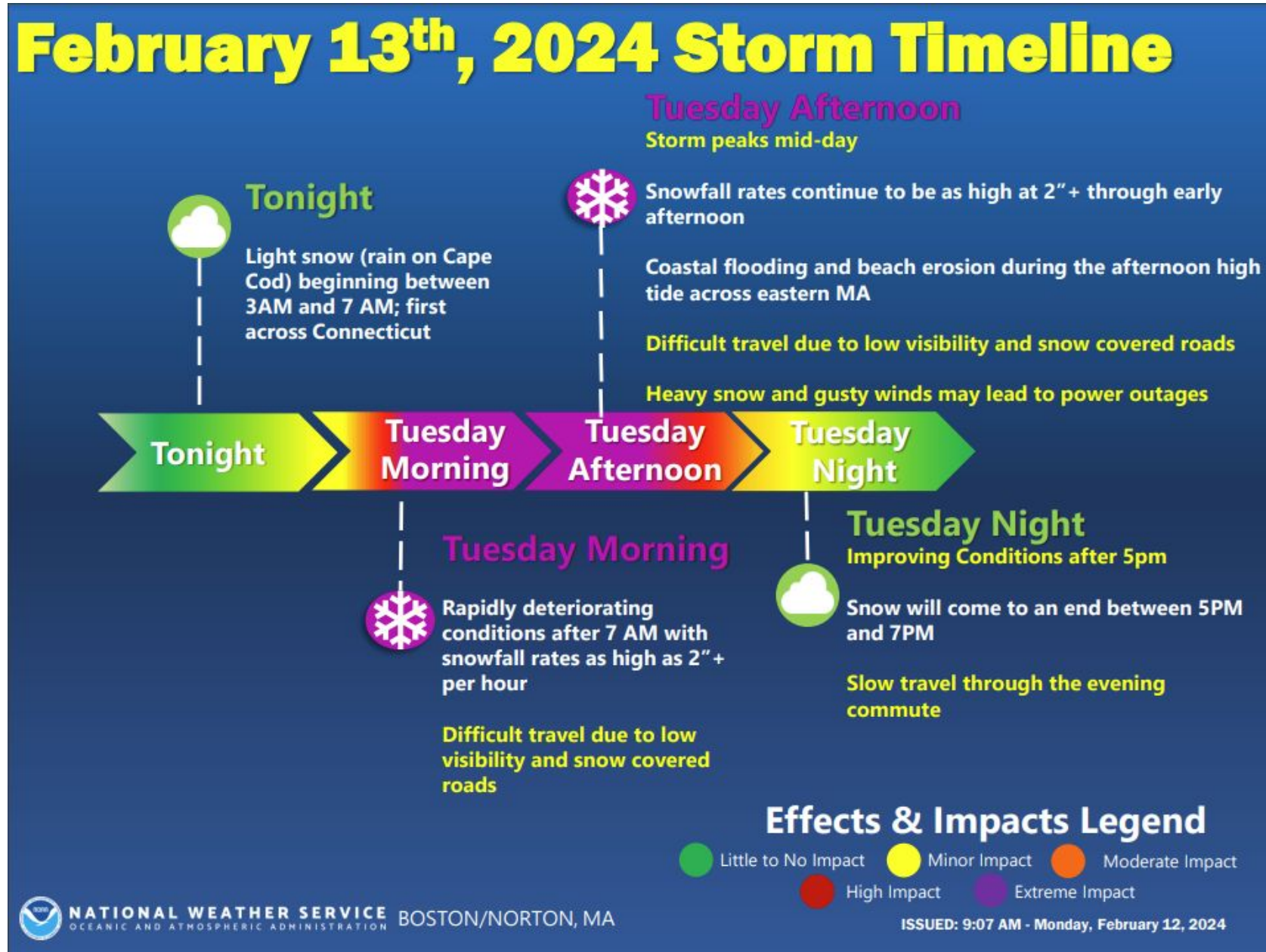
→ Coastal Flood Warning issued for entire eastern MA coastline



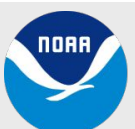


Impacts Mainly Across Eastern MA and RI

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- Impacts mainly felt across SE MA, RI, and central CT
- Impacts significantly less north of I-90

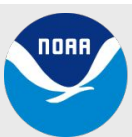




Main Points

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Hazard		Impacts	Location	Timing
Snow		Dangerous travel Heavy wet snow may result in power outages Greatest snow totals SE of I-90	Dangerous travel for portions of southern New England; Particularly SE of I-95 and in RI	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

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Winter Weather Hazards

- Winter Storm Warning
- Winter Weather Advisory
- Winter Storm Watch



Graphic Created
February 12th, 2024
2:31 PM CST

Marine / Coastal Hazards

- Storm Warning
- Coastal Flood Warning
- Gale Warning
- Coastal Flood Advisory
- Small Craft Advisory



Graphic Created
February 12th, 2024
3:48 PM EST

Wind Related Hazards

- High Wind Warning
- Wind Advisory



Graphic Created
February 12th, 2024
3:51 PM EST



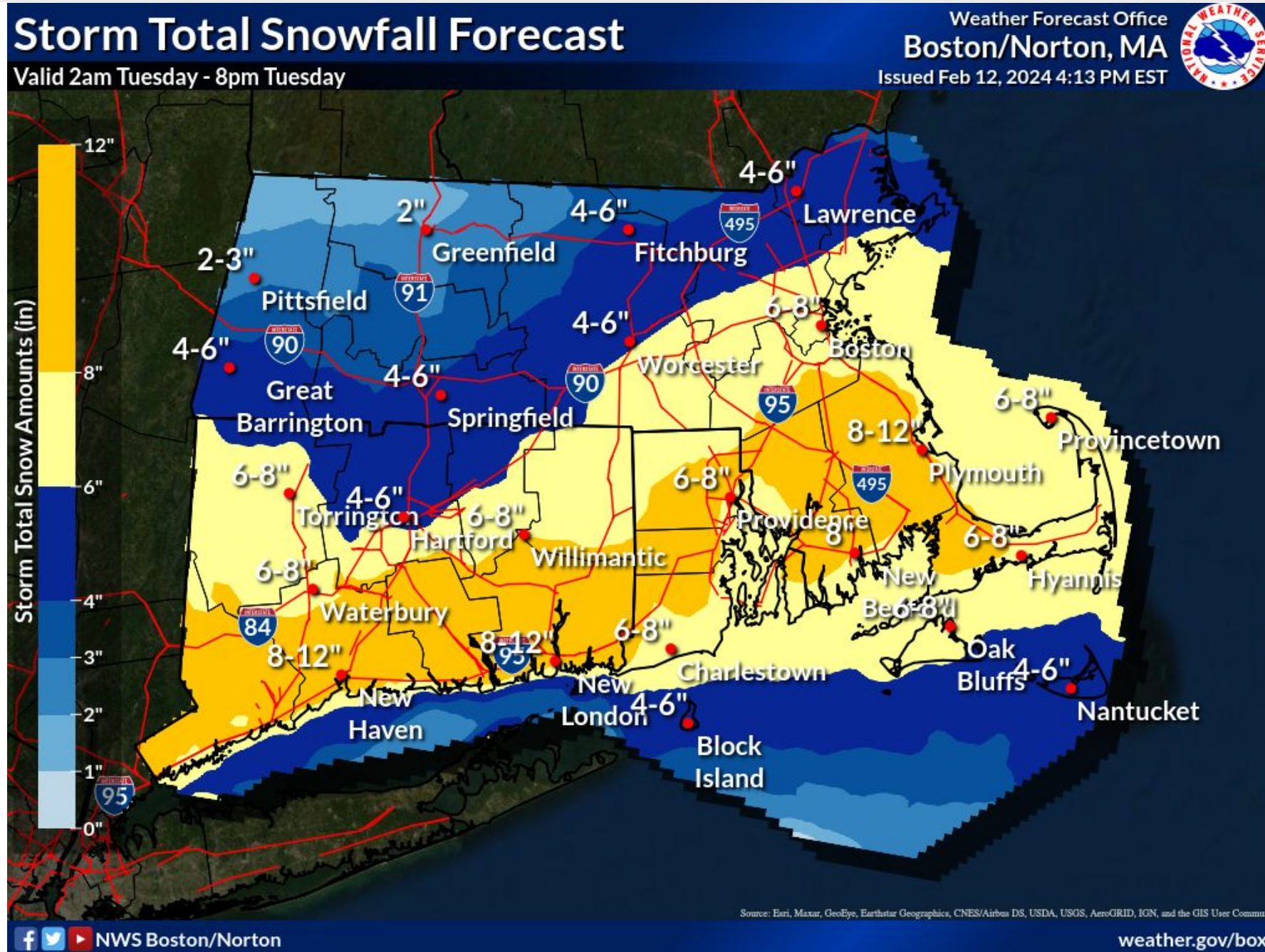
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
Boston / Norton, MA



Forecast Storm Total Snowfall

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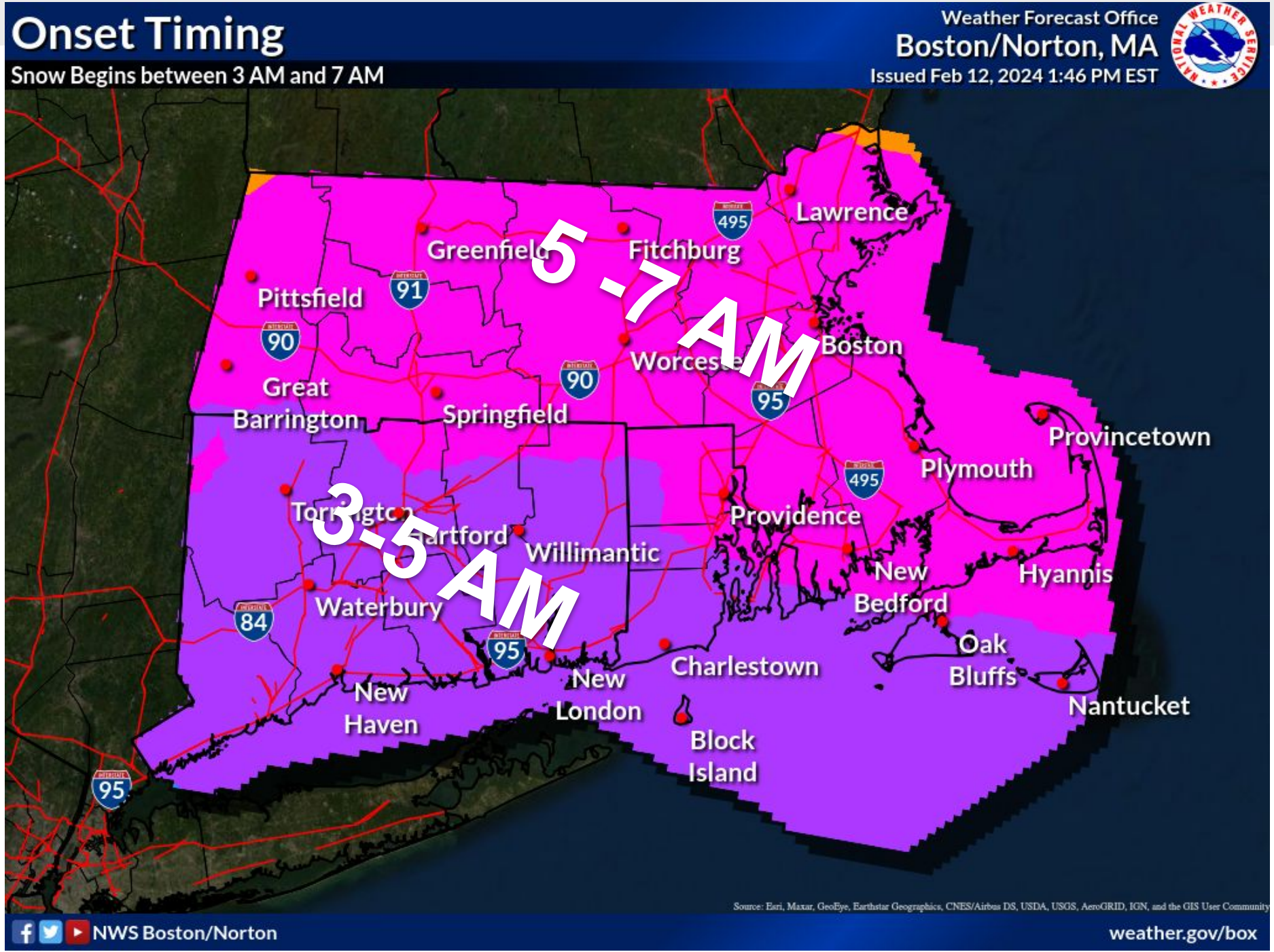
- Substantial **forecast uncertainty** north of the I-90 corridor as well as on the Islands
- Continued southward shift in the core of the heaviest snow band
 - Additional forecast changes possible overnight as more information becomes available
- Snowfall rates in excess of 2" per hour are still possible but are likely isolated to SE MA and RI





Onset Timing

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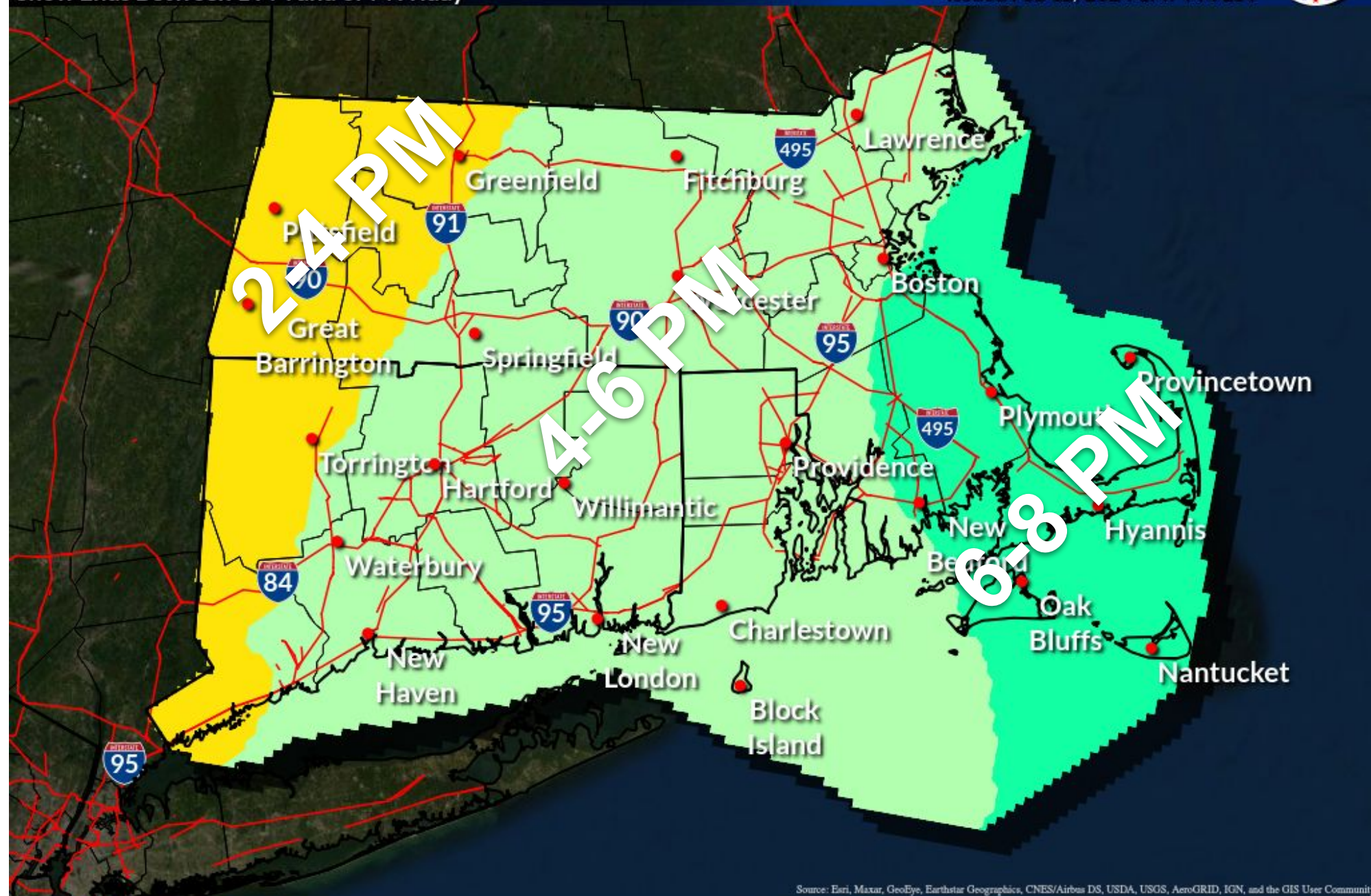
End Timing

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End Timing

Snow Ends Between 1 PM and 6PM Friday

Weather Forecast Office
Boston/Norton, MA
Issued Feb 12, 2024 1:47 PM EST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWS Boston/Norton

weather.gov/box



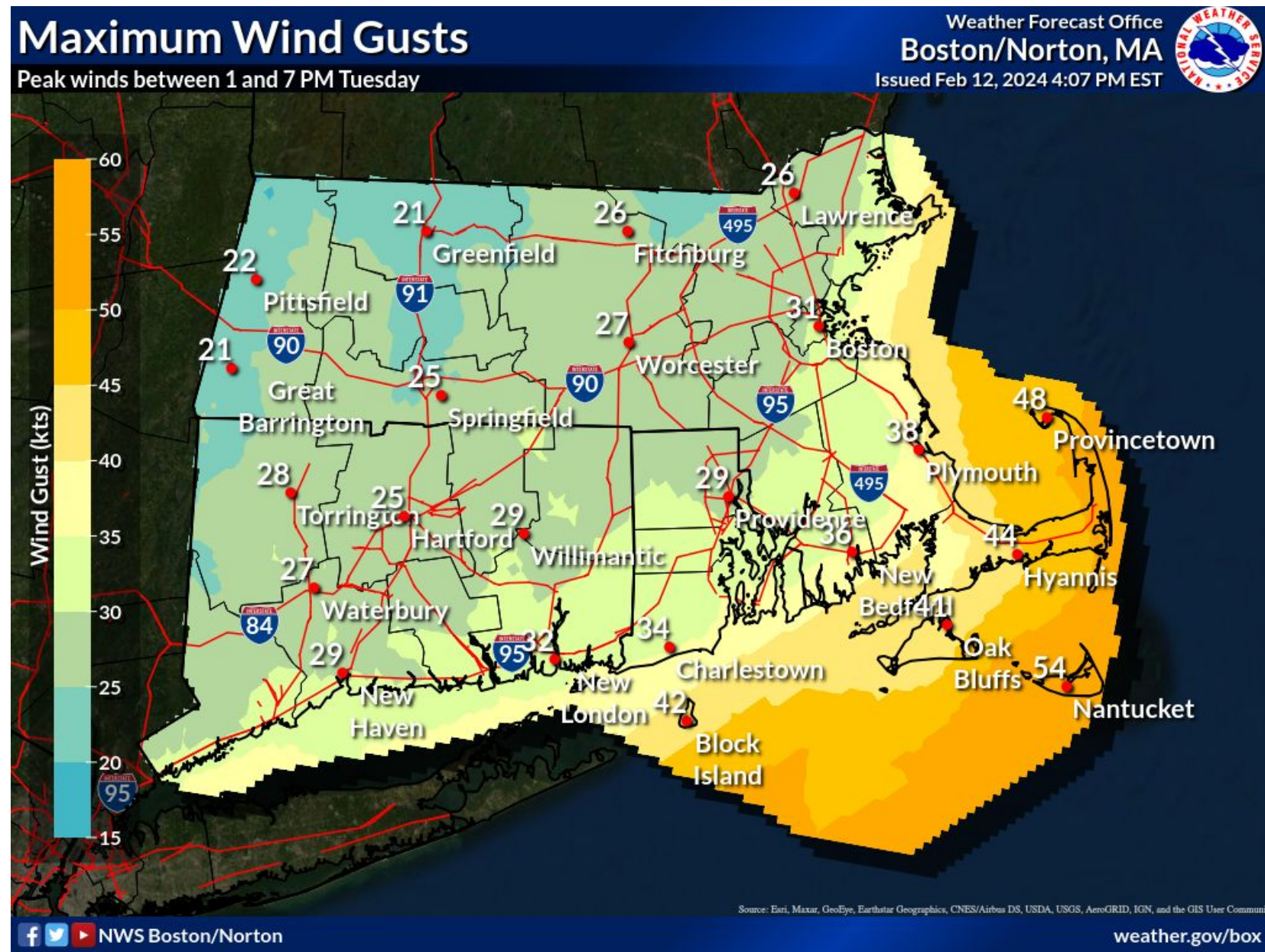
National Oceanic and
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U.S. Department of Commerce

National Weather Service
Boston / Norton, MA

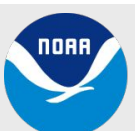


Max Wind Gusts

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- Peak wind gusts will occur between 1 PM and 7 PM on Tuesday
- Maximum Gusts will exceed 50 MPH across the Cape and Islands
- Gusts in excess of 55 mph possible across the outer Cape and Nantucket





Timeline

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Weather Forecast								
	2/12 Mon		2/13 Tue				2/14 Wed	
	12pm	6pm	12am	6am	12pm	6pm	12am	6am
Block Island								
Boston								
Cambridge								
Gloucester								
Hartford								
Hyannis								
Lowell								
Nantucket								
New Bedford								
Plymouth								
Providence								
Springfield								
Vineyard Haven								
Westerly								
Worcester								

Created: 4 pm 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 pm EST Mon 2/12/2024 |
Don't see your city? Check out weather.gov/forecastpoints



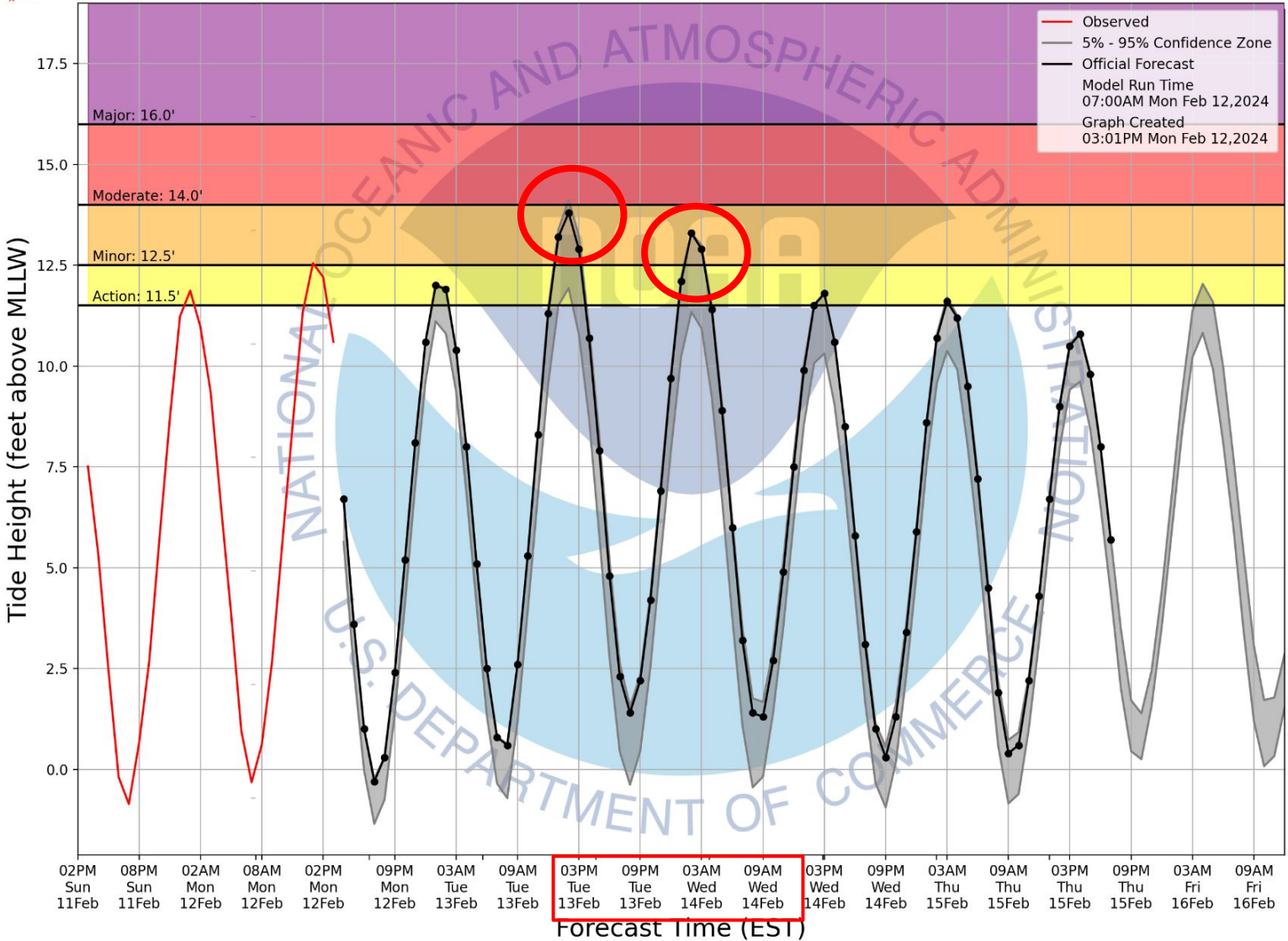
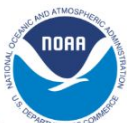


Coastal Flood Forecast

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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.



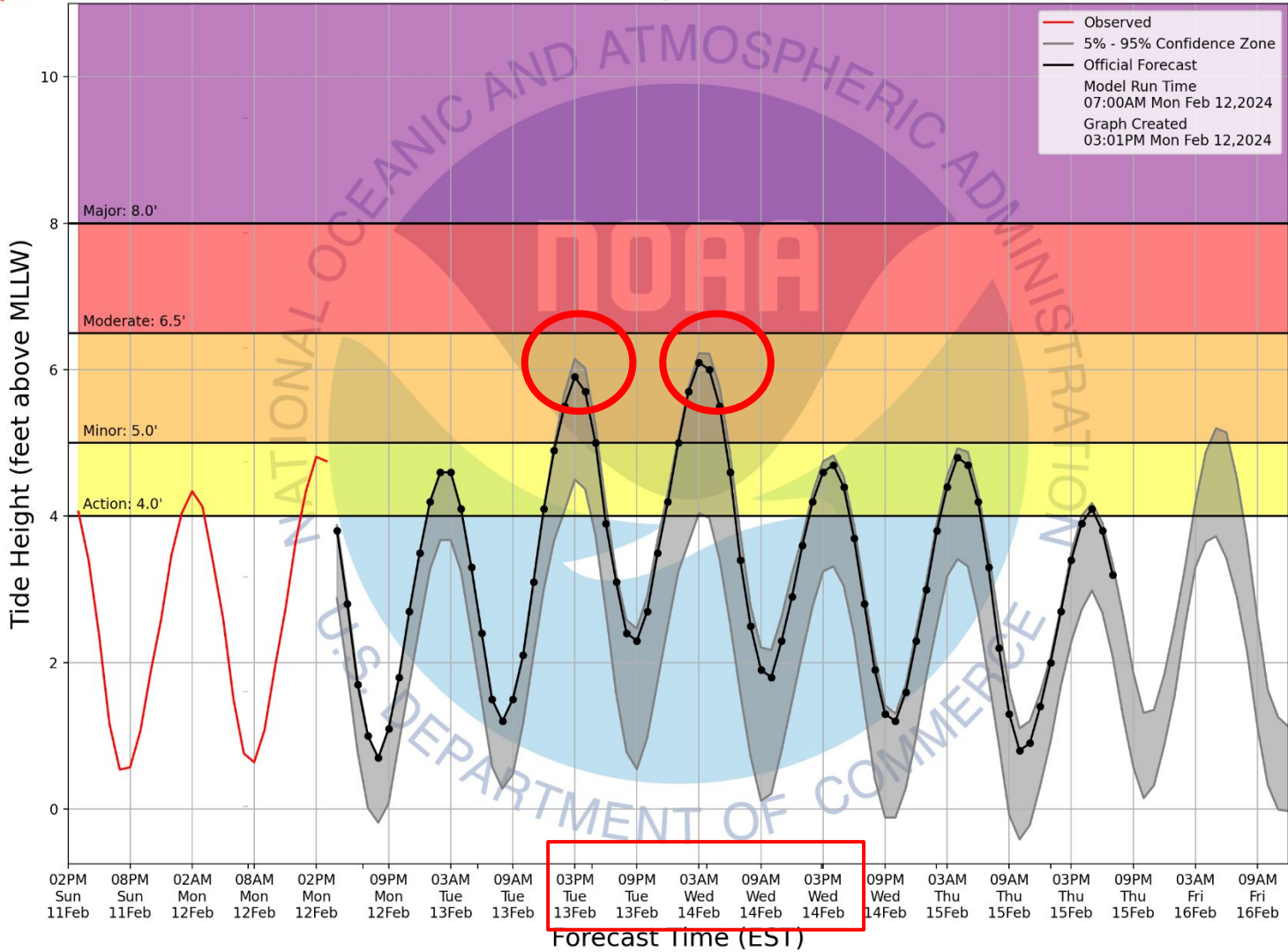
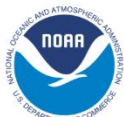


Coastal Flood Forecast

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Nantucket Harbor at Nantucket, MA
Tide Height (MLLW)



- Minor Coastal Flooding likely during the Tuesday afternoon and Wednesday morning high tides on Nantucket





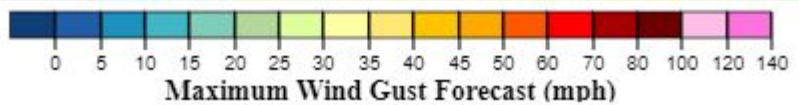
Post Event Outlook

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Gusty Winds Continue Wednesday & Thursday

Maximum Wind Gust Forecast (mph)

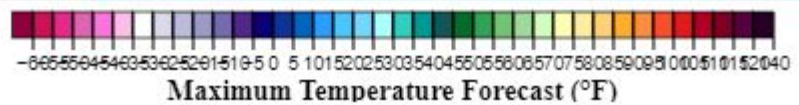
	2/14 Wed				2/15 Thu			
	12am	6am	12pm	6pm	12am	6am	12pm	6pm
Block Island	26↘	30↘	29↘	32↘	33↘	31↘	25↘	21↗
Boston	18↘	26↘	30↘	31↘	26↘	24↘	21↘	17↗
Cambridge	17↘	26↘	30↘	30↘	26↘	23↘	21↘	17↗
Gloucester	25↘	31↘	33↘	35↘	36↘	33↘	26↘	20↗
Hartford	14↘	25↘	28↘	25↘	23↘	18↘	17↘	17↗
Hyannis	25↘	28↘	29↘	32↘	35↘	32↘	29↘	22↗
Lowell	15↘	28↘	31↘	29↘	29↘	23↘	21↘	15↗
Nantucket	29↘	29↘	31↘	36↘	36↘	35↘	33↘	25↗
New Bedford	18↘	26↘	26↘	26↘	28↘	26↘	23↘	17↗
Plymouth	22↘	28↘	30↘	31↘	30↘	29↘	25↘	18↗
Providence	15↘	23↘	25↘	25↘	25↘	21↘	20↘	16↗
Springfield	14↘	26↘	30↘	28↘	23↘	18↘	16↘	16↗
Vineyard Haven	24↘	26↘	28↘	31↘	32↘	30↘	28↘	21↗
Westerly	20↘	26↘	26↘	29↘	29↘	25↘	23↘	20↗
Worcester	17↘	28↘	31↘	31↘	30↘	24↘	21↘	16↗



Created: 4 pm EST Mon 2/12/2024 | Values are maximums over the period beginning at the time shown.
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Maximum Temperature Forecast (°F)

	2/14 Wed				2/15 Thu			
	12am	6am	12pm	6pm	12am	6am	12pm	6pm
Block Island	31	33	33	31	26	31	33	34
Boston	27	29	31	28	23	29	34	32
Cambridge	27	29	31	28	23	29	34	31
Gloucester	29	29	31	27	23	30	34	32
Hartford	26	30	32	28	23	30	35	33
Hyannis	29	32	32	29	25	30	34	32
Lowell	25	28	31	27	22	29	35	31
Nantucket	30	32	33	31	27	31	34	34
New Bedford	26	32	32	29	22	31	35	31
Plymouth	28	31	32	28	23	30	34	31
Providence	27	30	32	28	22	29	35	32
Springfield	23	29	31	27	22	30	34	32
Vineyard Haven	29	33	34	31	26	31	34	33
Westerly	28	32	33	30	26	32	36	33
Worcester	24	26	29	26	21	29	33	29



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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 AM Tuesday

- Method: Email
- We do NOT anticipate an additional web briefing



Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: 6 AM, Tuesday February 13th



Contact Information

Web

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