



Winter Weather Briefing

For NWS Boston/Norton County Warning Area

January 4, 2024
4:00 PM

Decision Support Briefing #1

→ As of 430 PM Thursday, January 4th 2024

NEW

Important Updates

- Winter Storm Watch in effect for locations north and west of I-95
- “Plowable” snow, 3-6”+, likely southern New England. Up to 12 inches possible
- Snow to begin after 6 PM Saturday and end by 6 PM Sunday
- Precipitation Type Issues will plague the I-95 corridor/coastline

Hazards

Small Craft Advisory
Winter Storm Watch



Graphic Created
January 4th, 2024
2:30 PM CST



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

National Weather Service
Boston / Norton, MA



Active Headlines

January 4, 2024
4:00 PM

Winter Weather Hazards



Marine / Coastal Hazards



Wind Related Hazards



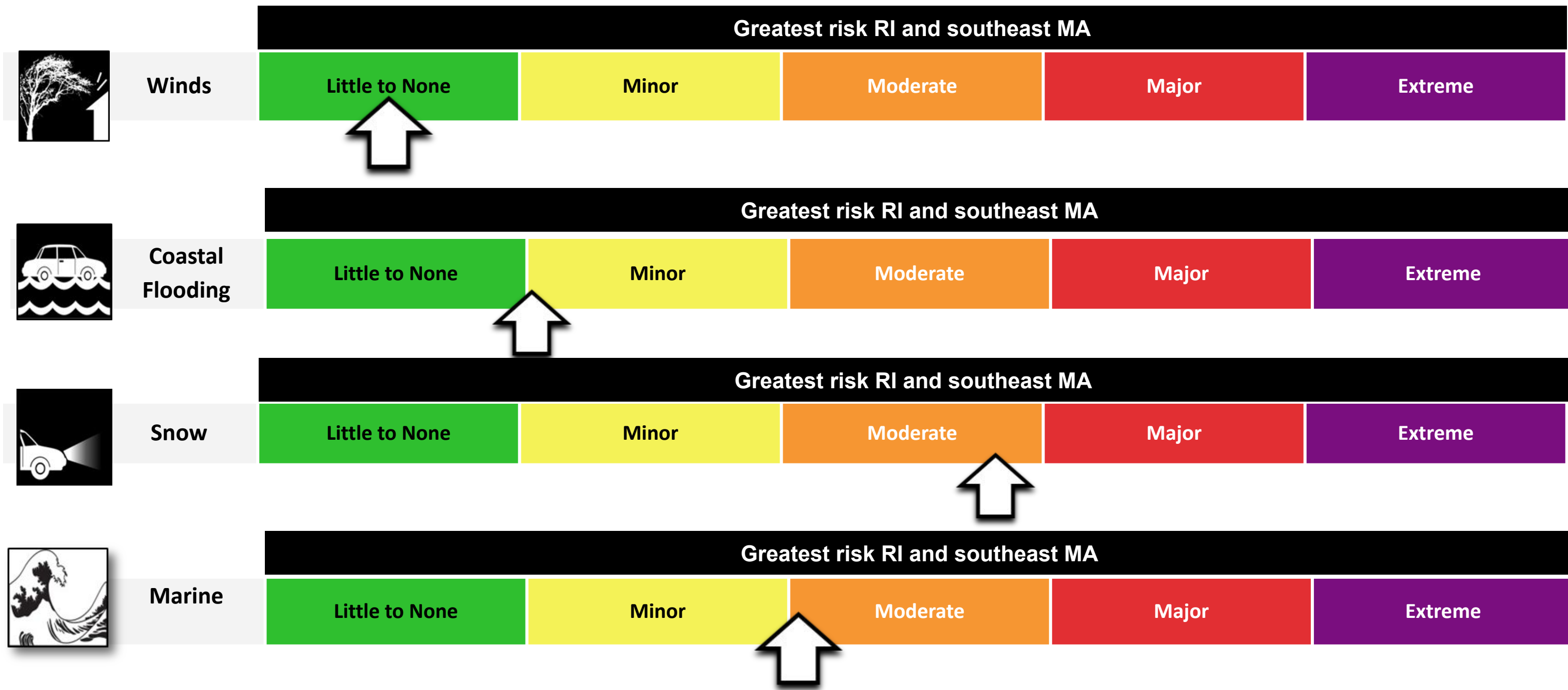
Flooding Hazards





Summary of Greatest Impacts





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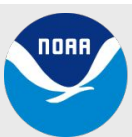




Main Points

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4:00 PM

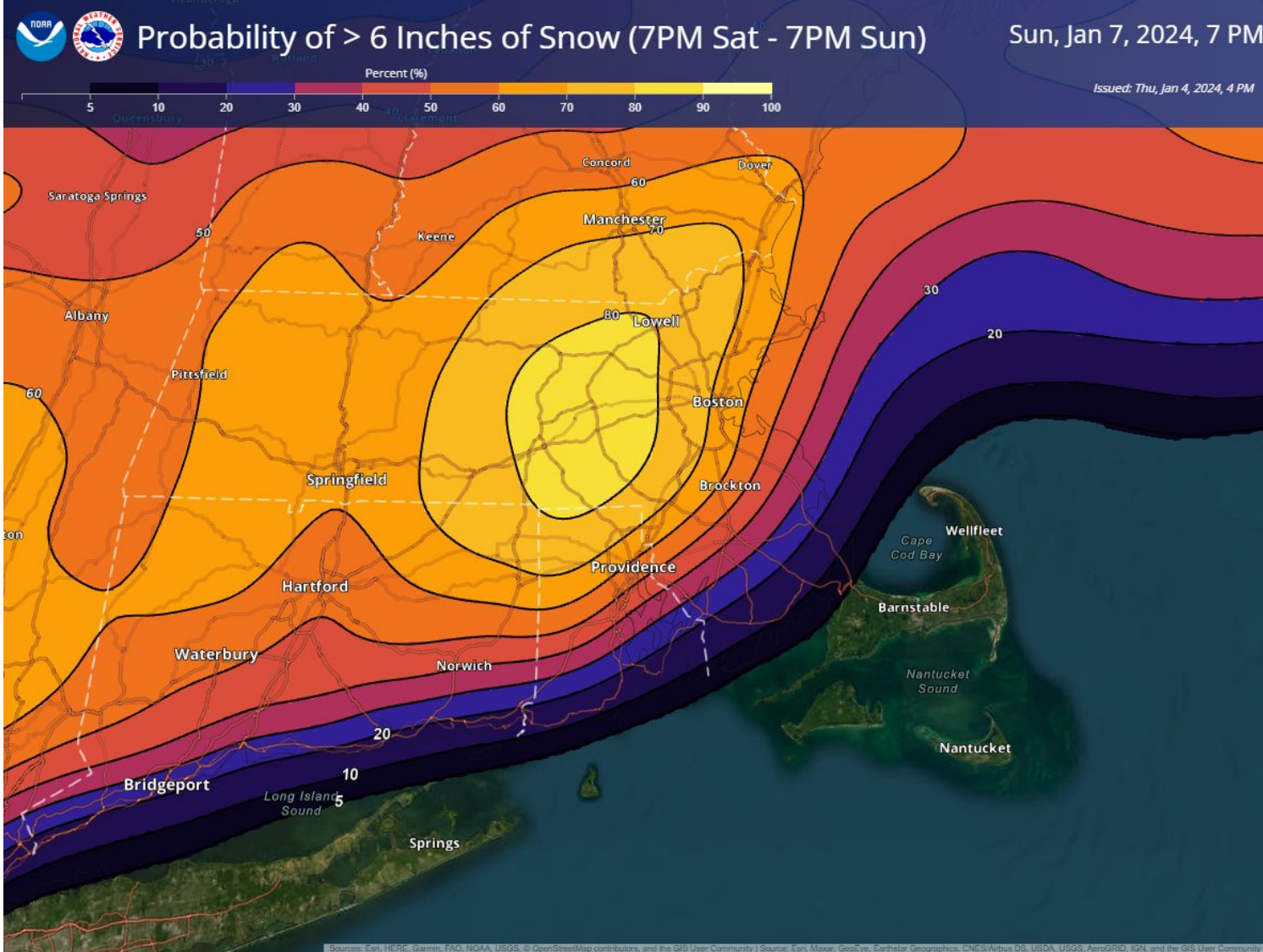
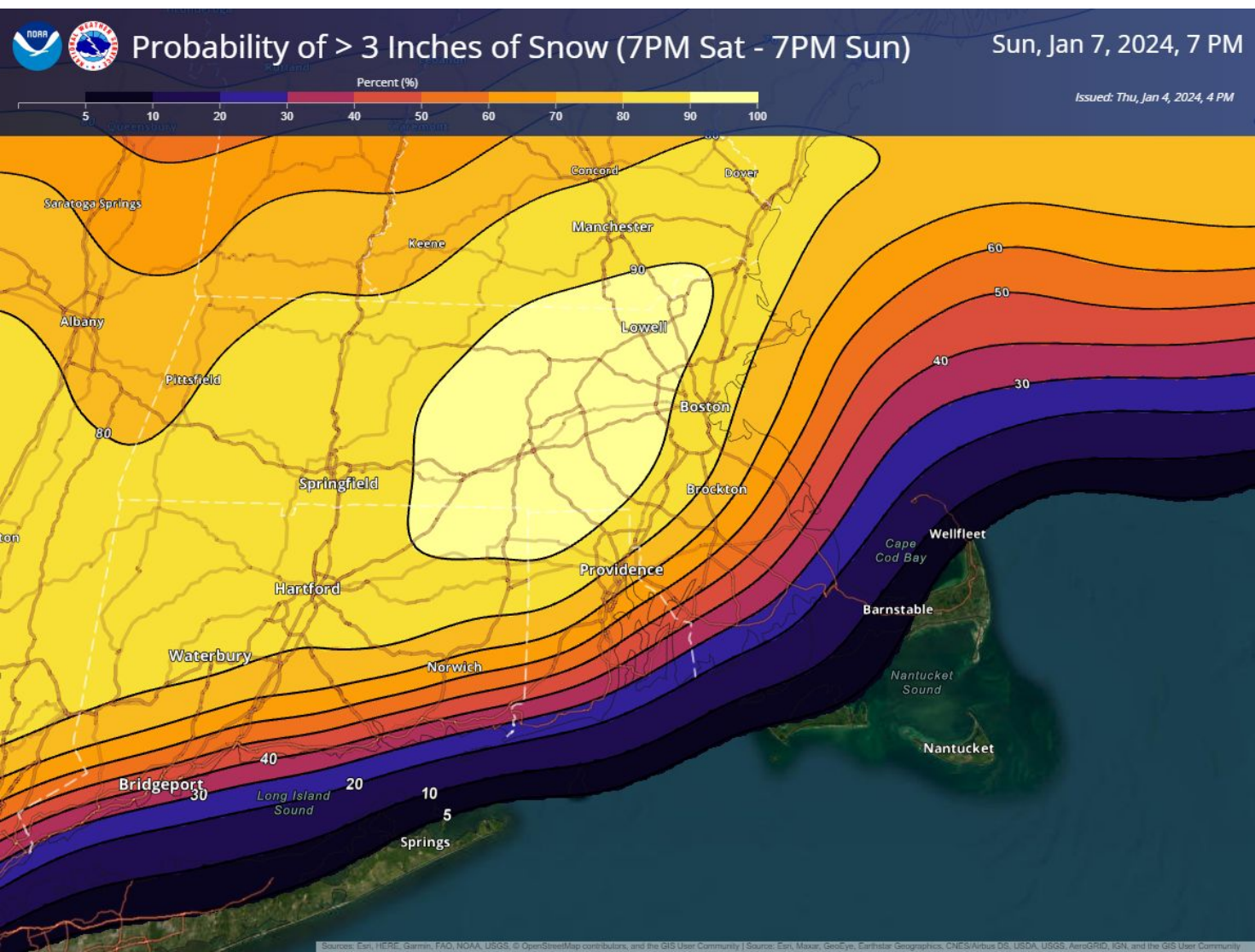
Hazard	Impacts	Location	Timing
Wind/ Damaging Wind 	Potential for wind gusts between 50-60mph	Cape Cod and the Islands	Sunday
Coastal Flooding 	Minor Coastal Flooding Possible	Nantucket East Coastal MA	Sunday Morning High Tide Monday Morning High Tide
Snow 	Risk for Plowable Snow increasing, with possibility of 6 to 12"	Greatest certainty of snow accumulation NW of I-95, uncertainty along I-95/SE	Saturday Evening through Sunday Afternoon. Snow will start after 6PM Saturday
Marine 	Potential for Storm Force Wind Gusts and High Seas	All waters outside Bays and Harbors	Saturday Evening through Sunday Evening





Probability of Snowfall Exceedance

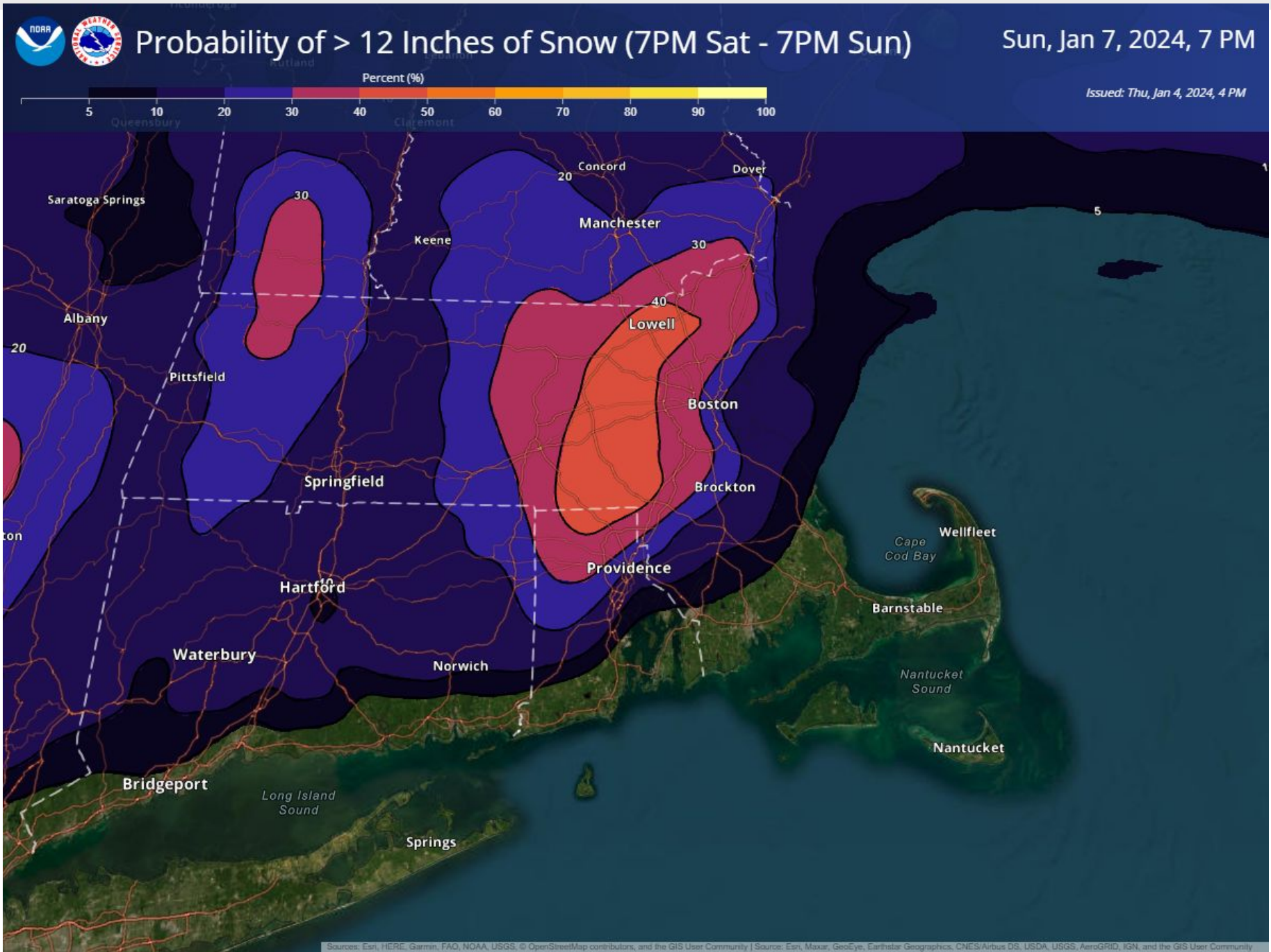
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Probability of Snowfall Exceedance

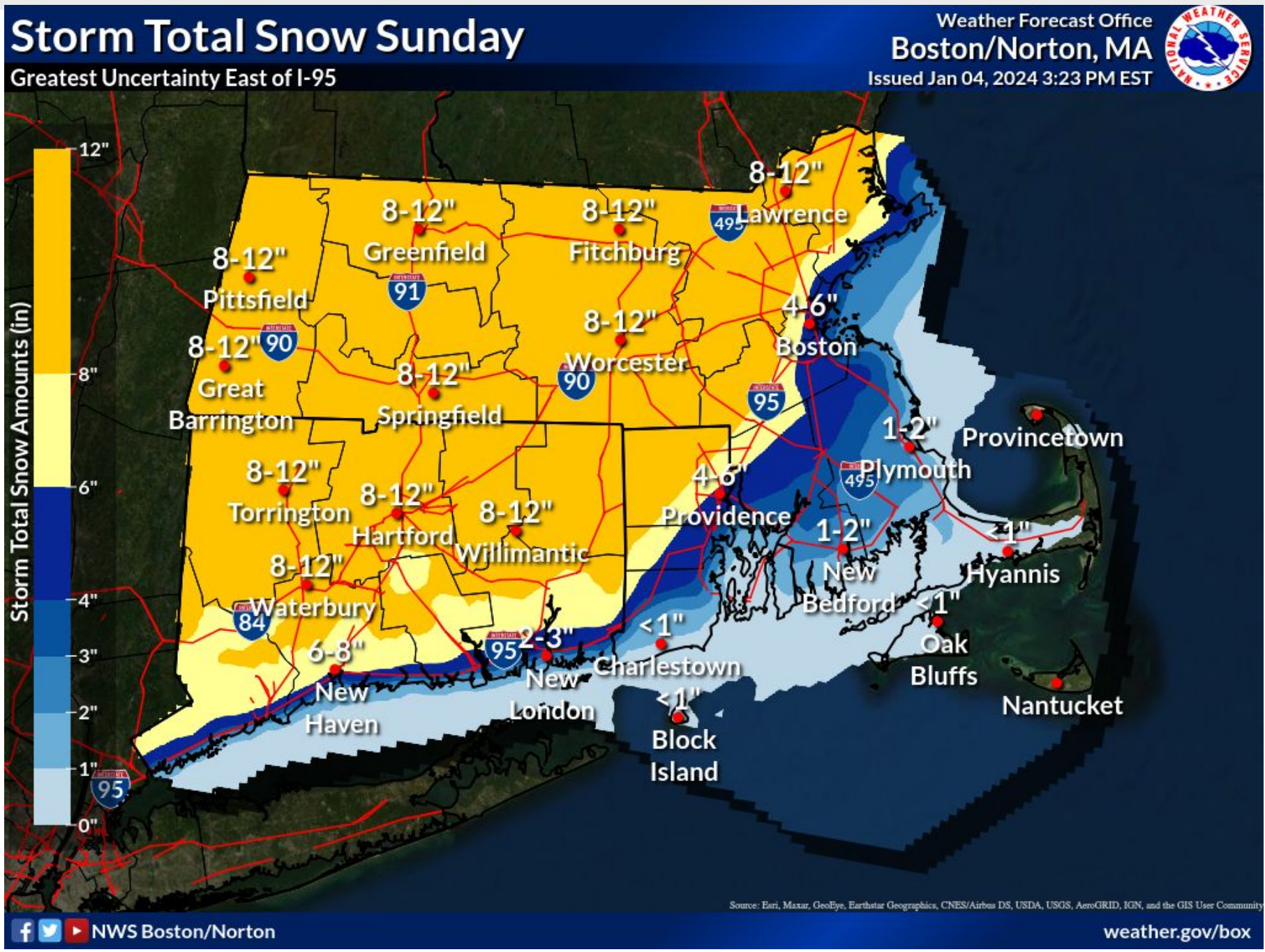
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4:00 PM





Expected Snowfall Forecast

January 4, 2024
4:00 PM

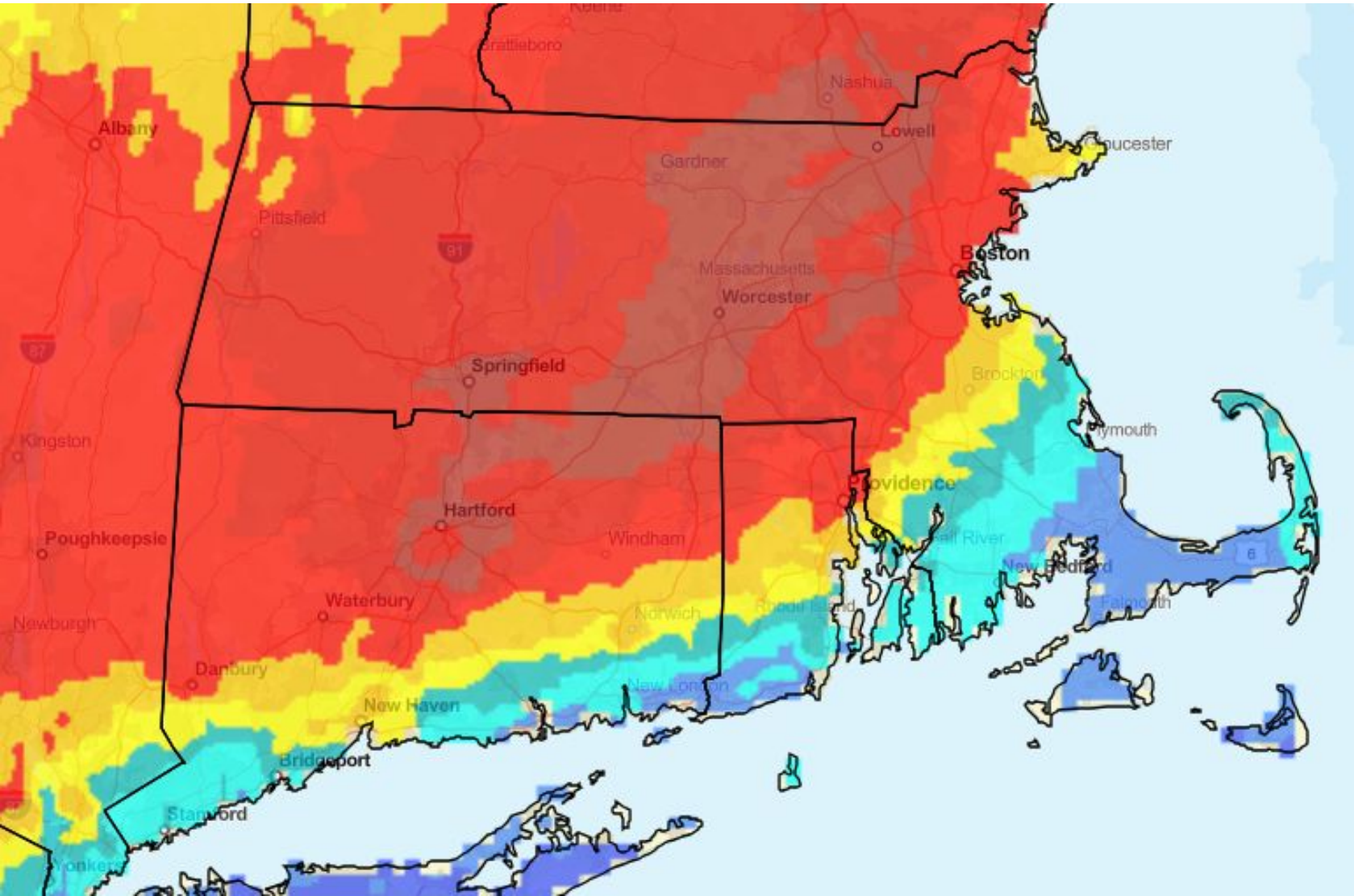




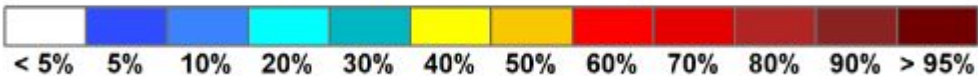
Winter Storm Severity Index

January 4, 2024
4:00 PM

Probability of Moderate Impacts Saturday Night through Sunday



Likelihood of Impact



Potential Winter Storm Impacts

Minor Impacts

Expect a few inconveniences to daily life.
• Winter driving conditions. **Use caution while driving.**

Moderate Impacts

Expect disruptions to daily life.
• Hazardous driving conditions. **Use extra caution while driving.**
• Closures and disruptions to infrastructure may occur.

Major Impacts

Expect considerable disruptions to daily life.
• Dangerous or impossible driving conditions. **Avoid travel if possible.**
• Widespread closures and disruptions to infrastructure may occur.

Extreme Impacts

Expect substantial disruptions to daily life.
• Extremely dangerous or impossible driving conditions. **Travel is not advised.**
• Extensive and widespread closures and disruptions to infrastructure may occur.
• Life-saving actions may be needed.

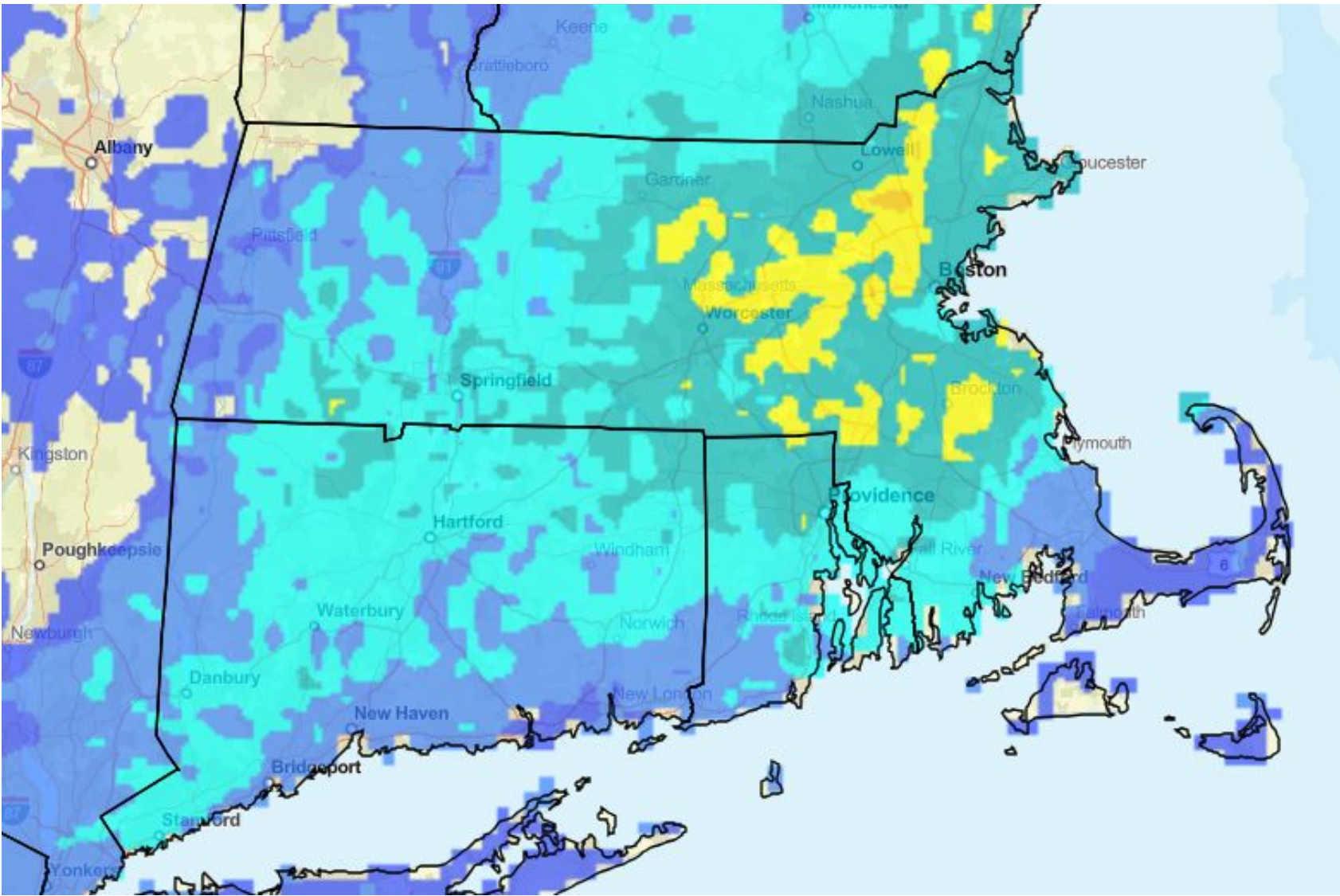




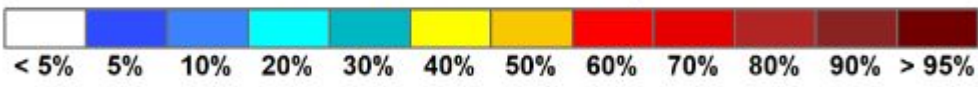
Snow Load Impacts (WSSI)

January 4, 2024
4:00 PM

Probability of Moderate Impacts Saturday Night through Sunday



Likelihood of Impact



Potential Winter Storm Impacts	
	Minor Impacts Expect a few inconveniences to daily life. <ul style="list-style-type: none">• Winter driving conditions. Use caution while driving.
	Moderate Impacts Expect disruptions to daily life. <ul style="list-style-type: none">• Hazardous driving conditions. Use extra caution while driving.• Closures and disruptions to infrastructure may occur.
	Major Impacts Expect considerable disruptions to daily life. <ul style="list-style-type: none">• Dangerous or impossible driving conditions. Avoid travel if possible.• Widespread closures and disruptions to infrastructure may occur.
	Extreme Impacts Expect substantial disruptions to daily life. <ul style="list-style-type: none">• Extremely dangerous or impossible driving conditions. Travel is not advised.• Extensive and widespread closures and disruptions to infrastructure may occur.• Life-saving actions may be needed.

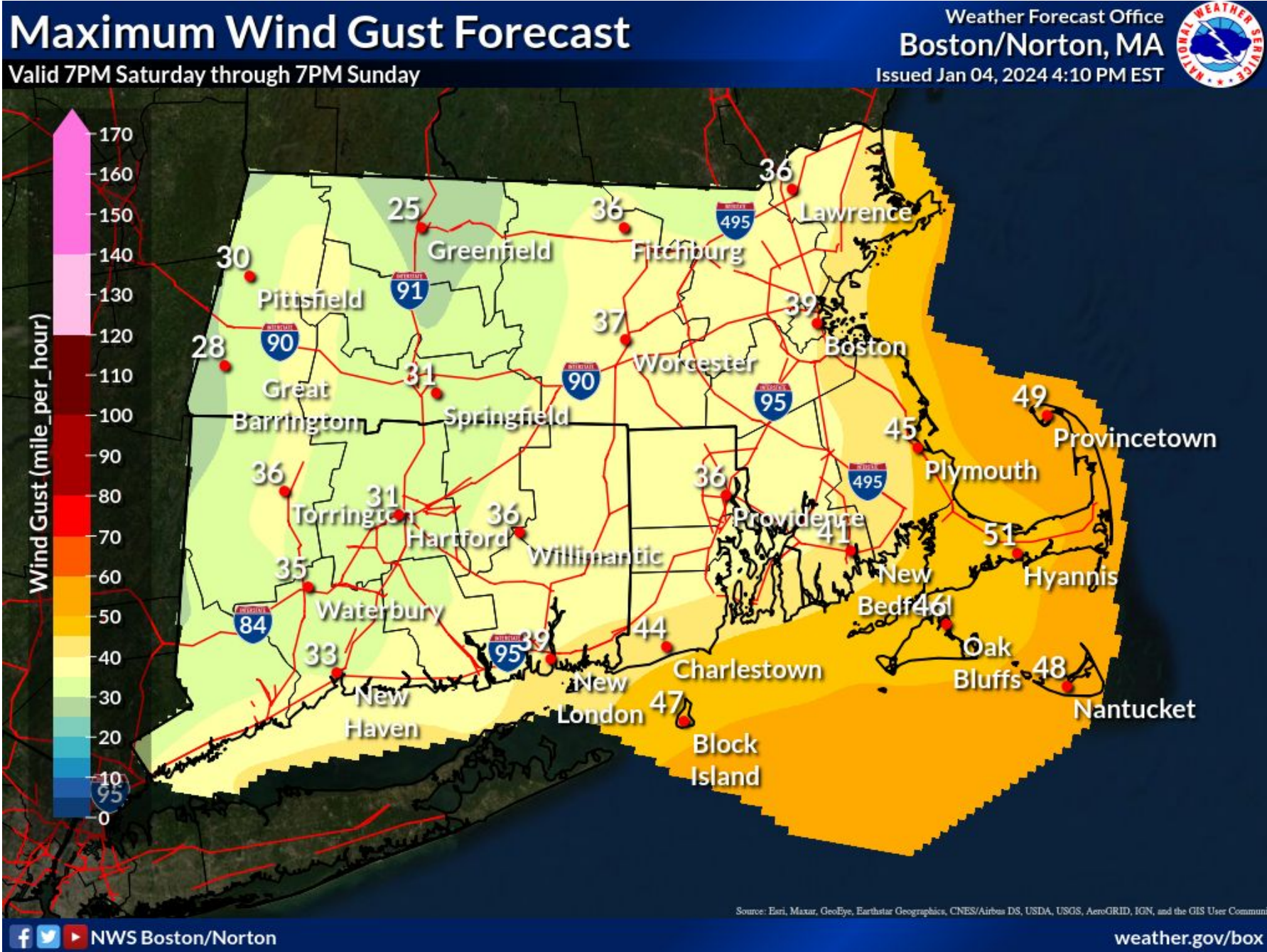




Max Wind Gusts

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Saturday Night through Sunday



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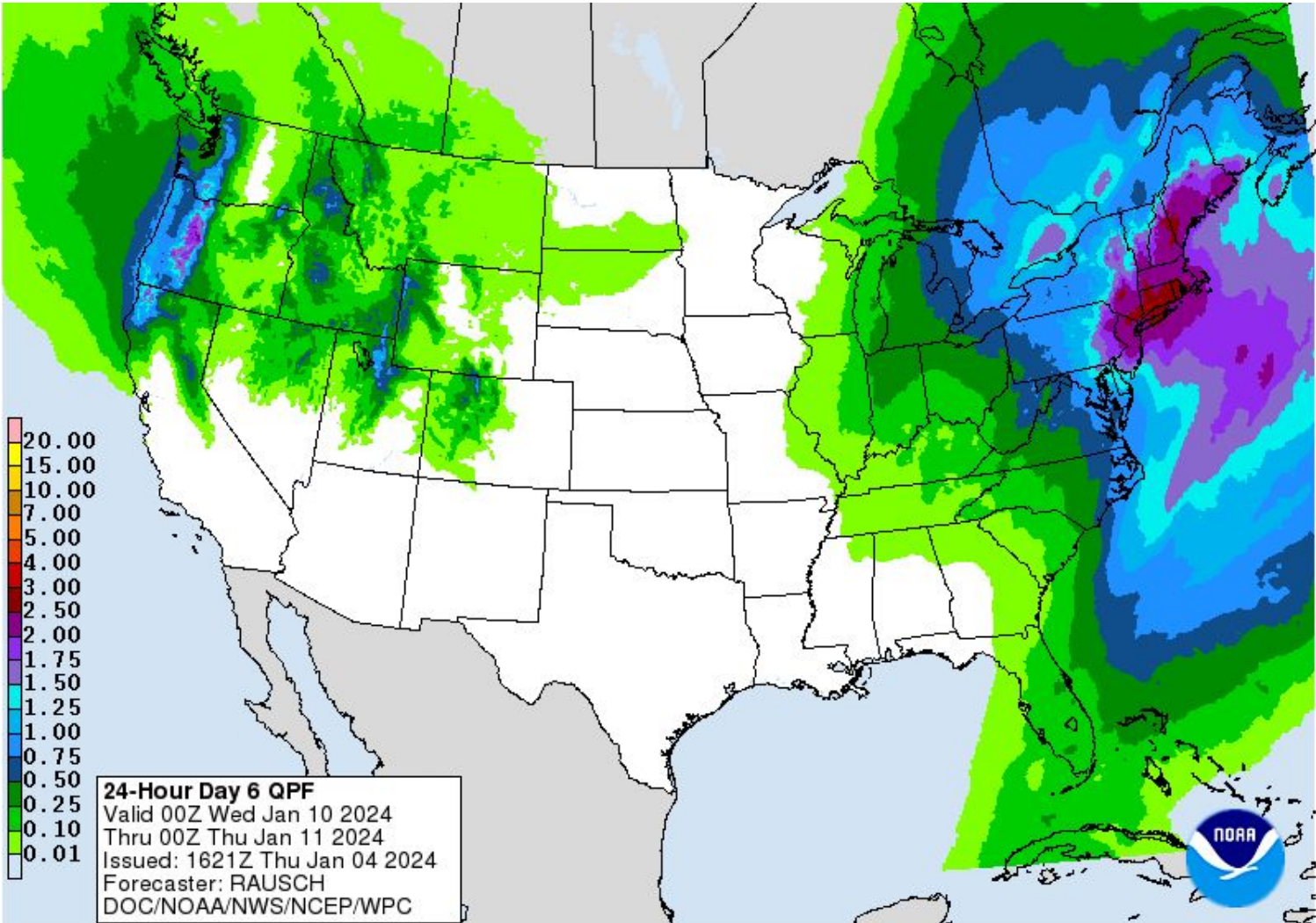
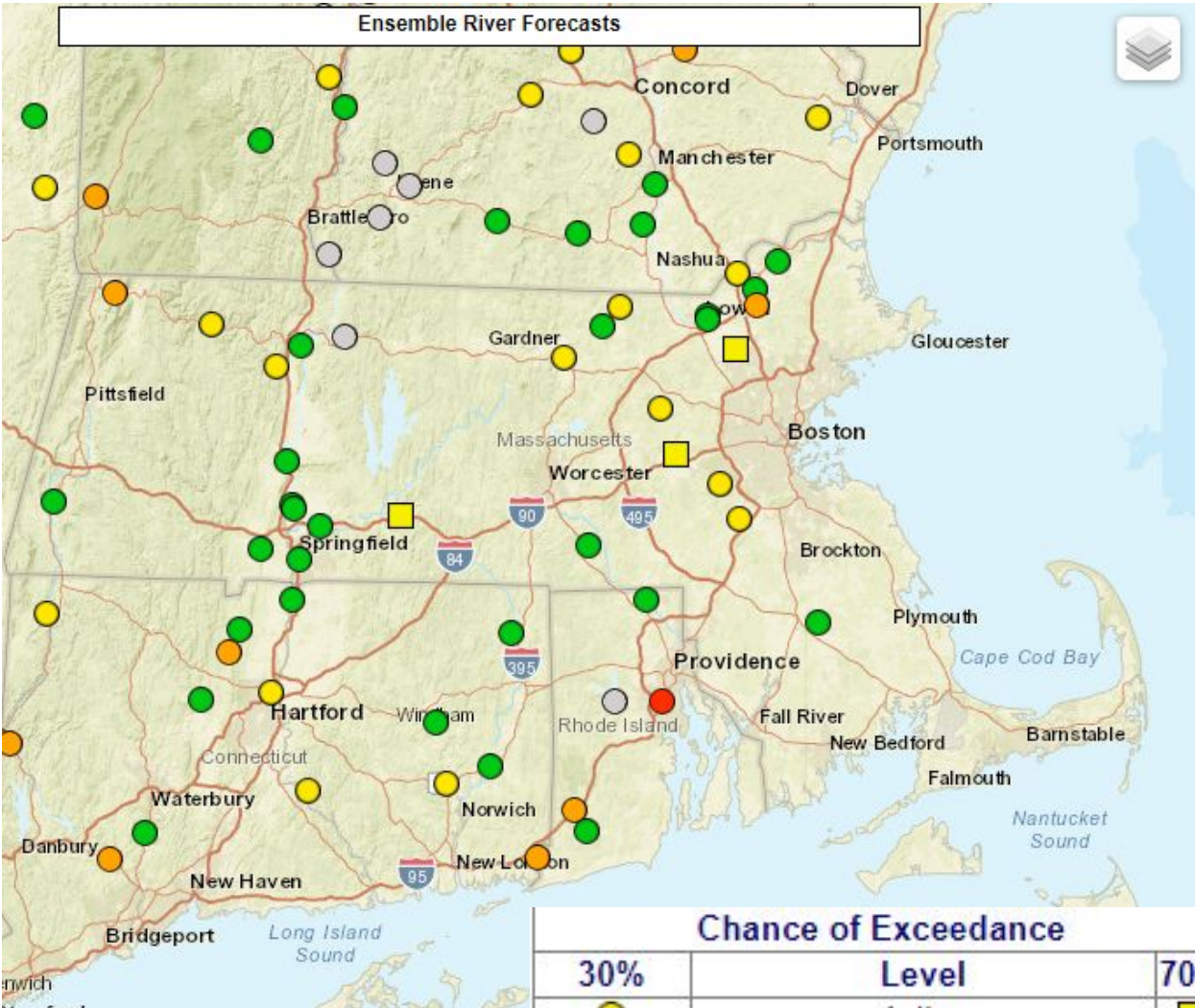
National Weather Service
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Post Storm Outlook

January 4, 2024
4:00 PM

Potential for Flooding Rain and Snowmelt Tuesday Night and Wednesday





Contact and Next Briefing Information

January 4, 2024
4:00 PM

For NWS Boston/Norton County Warning Area



Briefing Webpage



Next Briefing

- By 6 AM, Friday
- Method: Email



Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: 6 AM, Friday January 5th



Contact Information

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