



Heavy Rain/Gusty Winds - Late Friday into Saturday

November 10, 2022
3:50 AM

NWS Boston Decision Support Briefing for Southern New England

Key Messages

- Potential for strong/gusty winds especially southeastern New England and adjacent coastal waters is increasing
- Potential for heavy rainfall, especially western half of southern New England
- Risk of Flooding continues to decrease

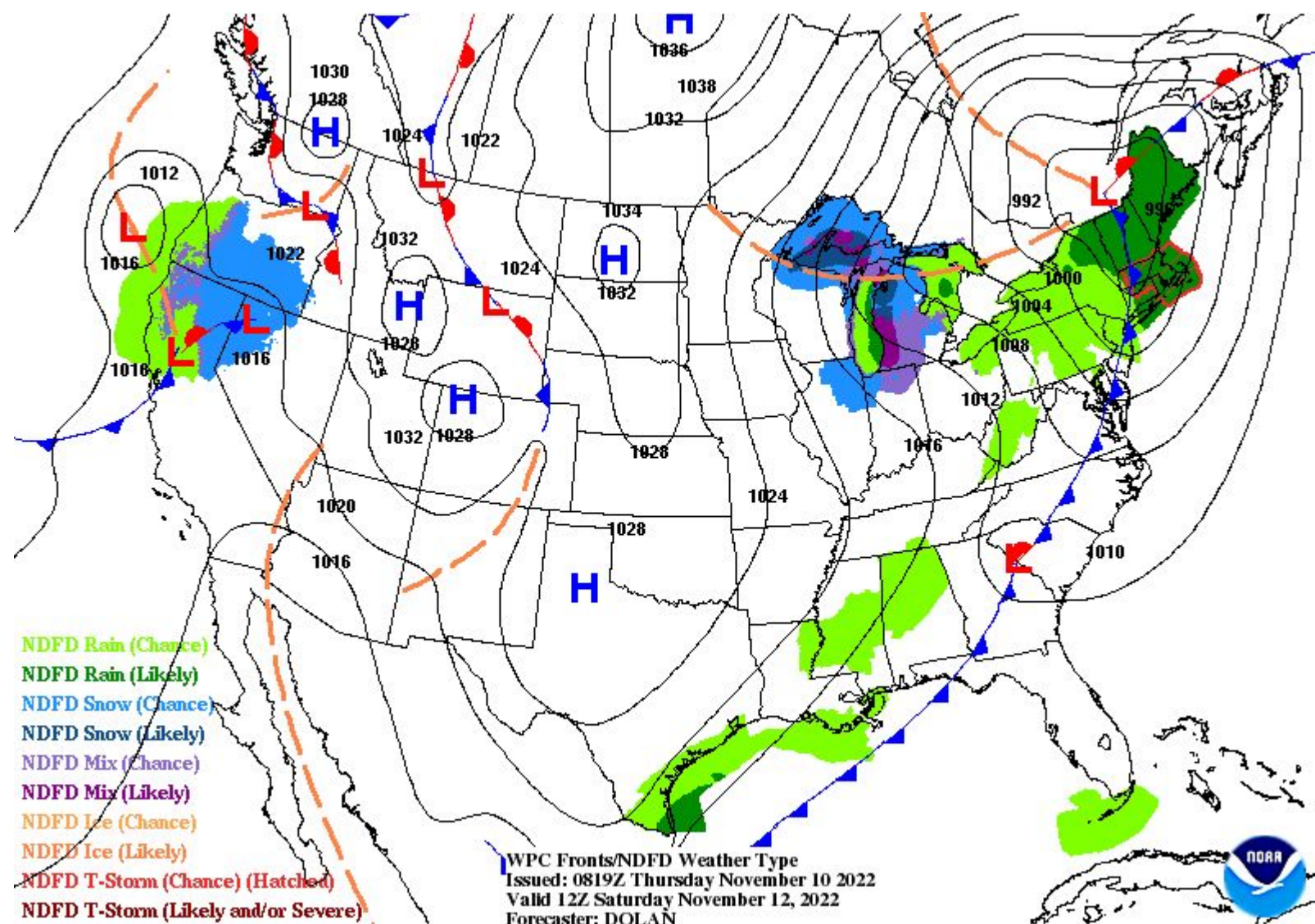
NEW

Important Updates

- A Gale Watch is in effect from 7 PM Friday to 4 PM Saturday.

Next Scheduled Briefing

- By 6PM Thursday



National Oceanic and
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National Weather Service
Boston/Norton, MA



Main Points

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Hazards:

Strong Gusty Winds with gusts over 40 mph and Heavy Rainfall of up to 2.0 inches



Areas Impacted:

All of southern New England will be at risk

Southeast portion of southern New England expected to have the strongest winds

Western portion of southern New England expected to receive the heaviest rainfall



Timing & Duration: Friday Evening through Saturday afternoon for both rain and winds



Impacts:

Winds (gusts in excess of 40 mph) → potential minor tree damage & power outages. Rough seas and gale conditions

Heavy Rain (amounts of 0.5 to 2.0 inches) → nuisance ponding on roads due from clogged drains







Certainty & Considerations: Recent trends have been for an overall westward shift in the path of the storm so it passes by to our west. Heaviest rain will be near and west of the track, with stronger winds to the east of the storm track. Later forecasts for the storm may shift the path west or east, which would correspondingly change the areas at highest risk for heavy rain or gusty winds.





Summary of Greatest Impacts

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	Strong Winds
	Heavy Rain & Flooding
	Marine Conditions
	Thunderstorms

Greatest potential across southeast New England, Cape and Islands

Greatest potential across western sections of southern New England

All of the coastal waters

All of southern New England

Impact Level

Little/None

Limited

Elevated

Significant

Extreme



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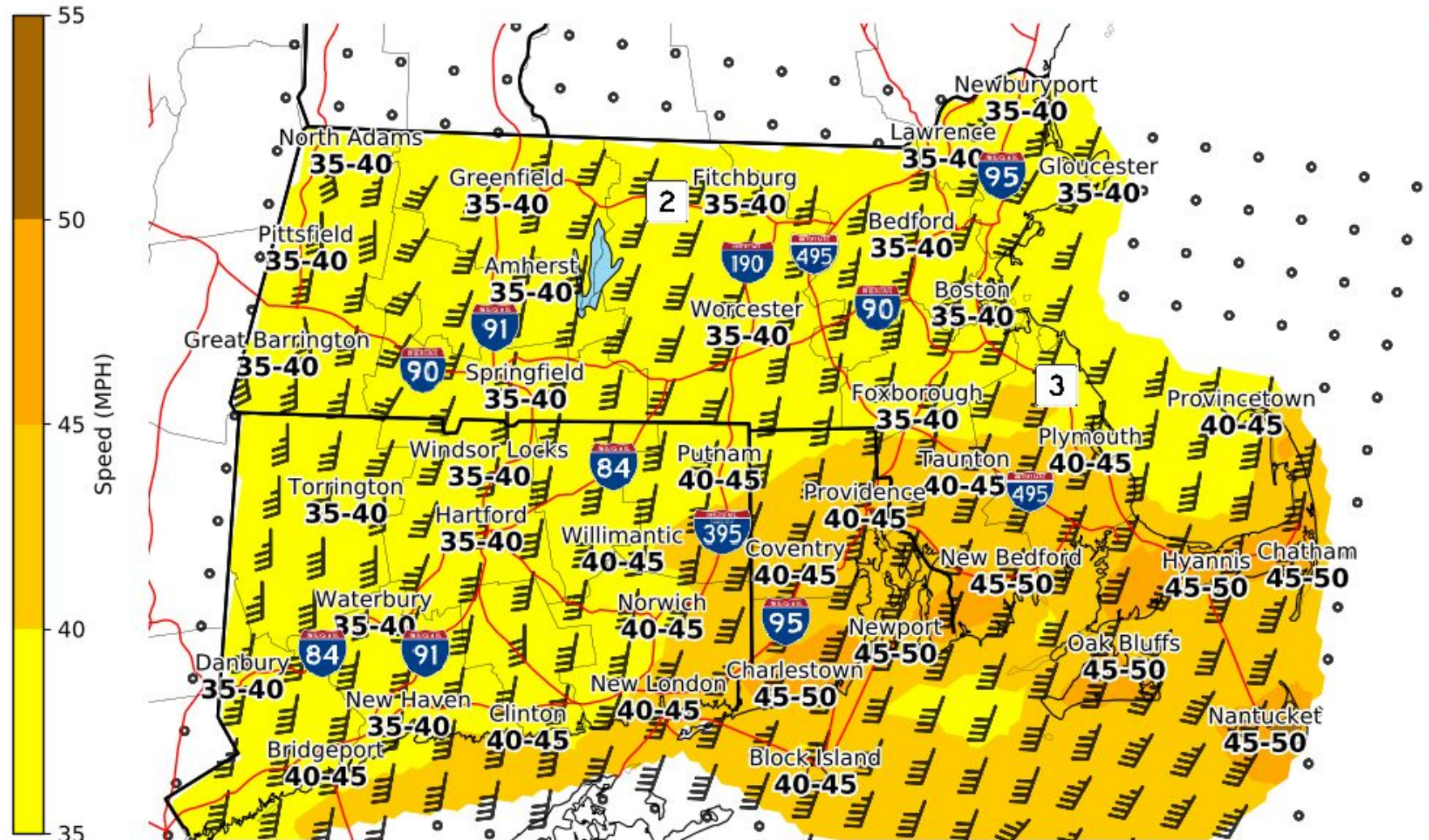


Peak Wind Gust Forecast

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Max Wind Gusts (MPH)

Valid: 11/11/2022 08:00 AM - 11/12/2022 07:00 PM EST



Strongest winds expected to occur late Friday night to mid-day Saturday

Minor tree damage possible

Rough conditions across the coastal waters



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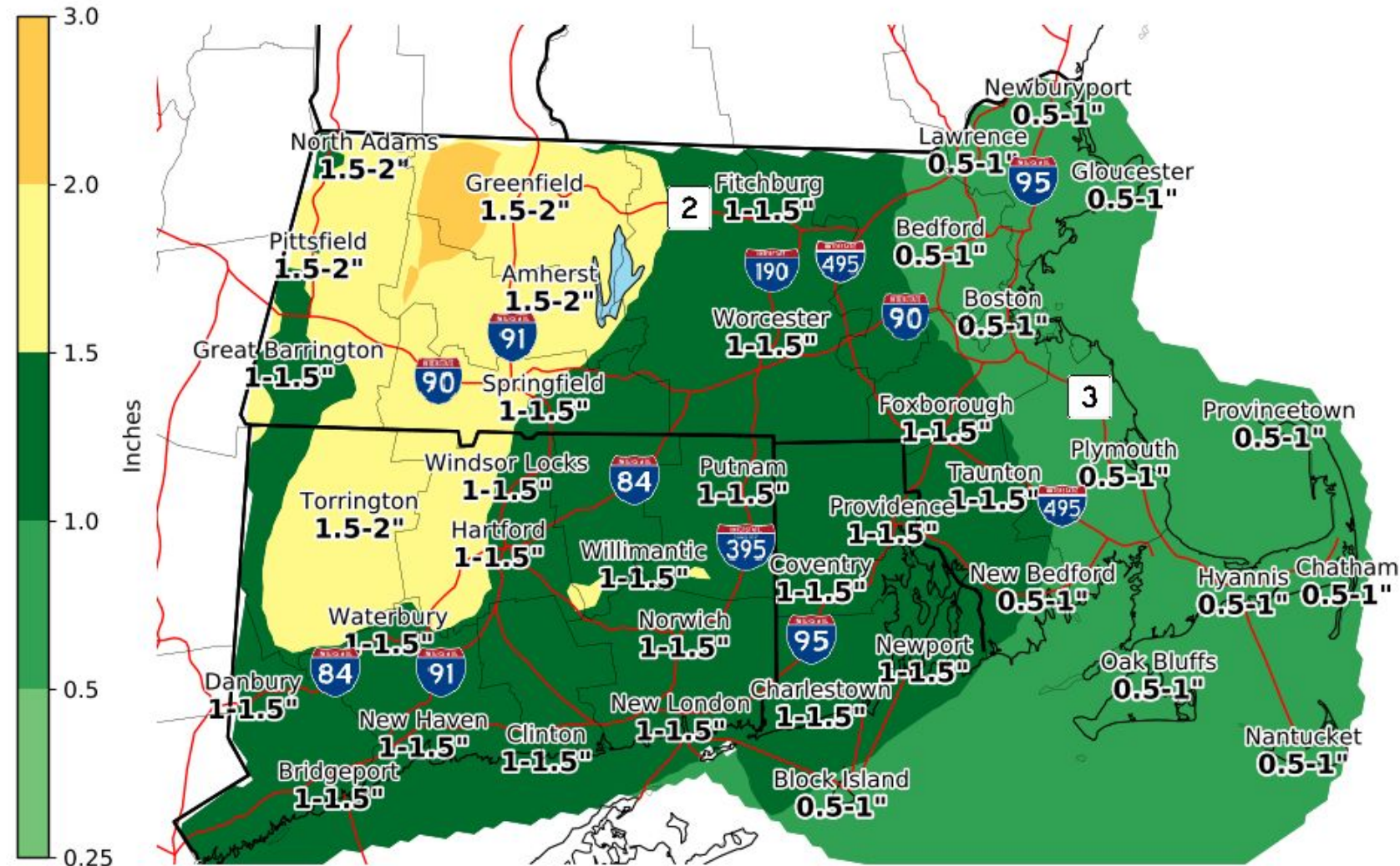


Rainfall Forecast

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Expected Precipitation - Official NWS Forecast

Valid: 11/11/2022 08:00 AM - 11/12/2022 07:00 PM EST



Rain begins late day Friday, ends by Saturday afternoon

Localized ponding on roads possible



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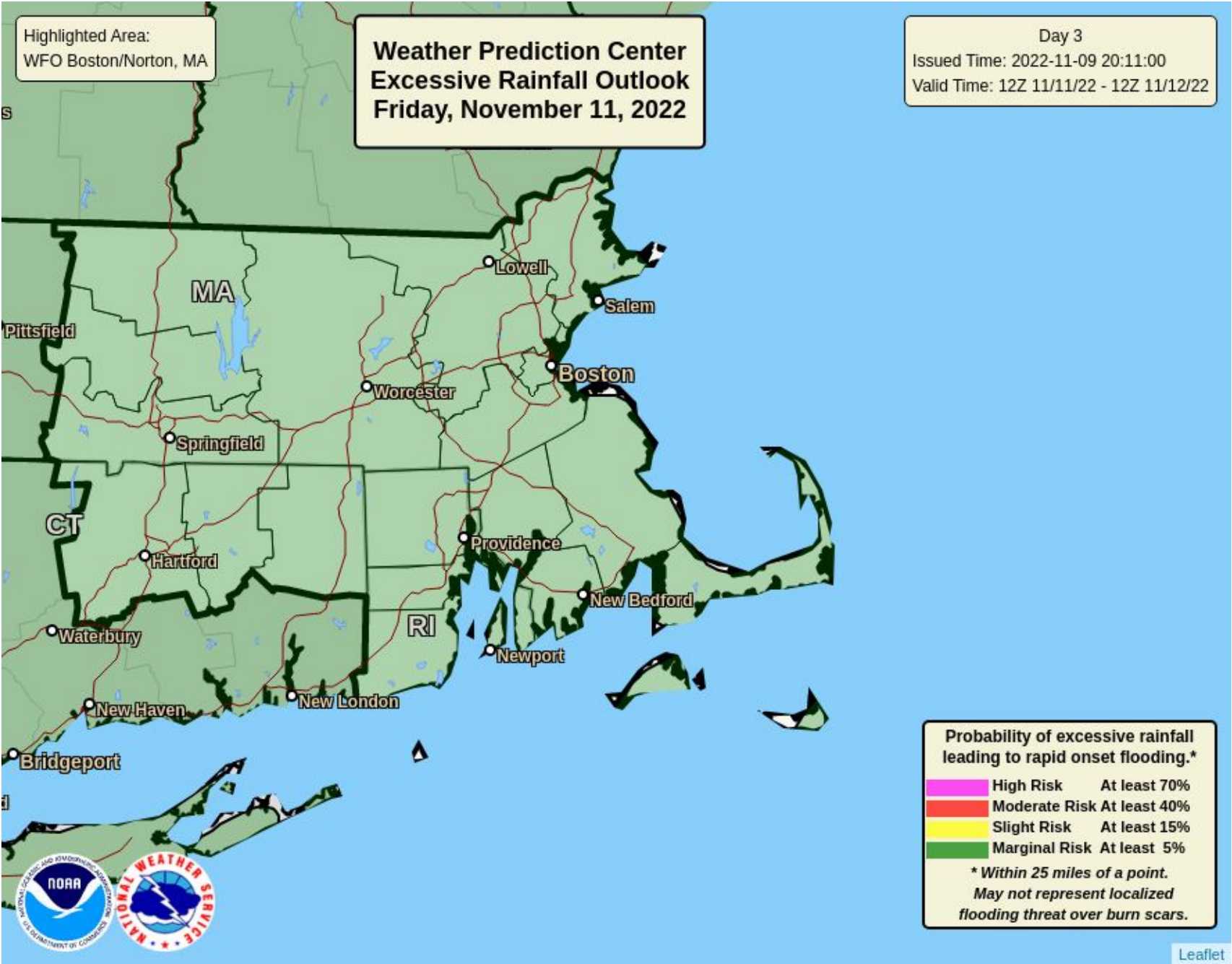


Excessive Rainfall Outlook

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Entire area in a Marginal Risk for Excessive Rain

Lowest risk level - denotes about a 5% probability of rainfall causing flooding



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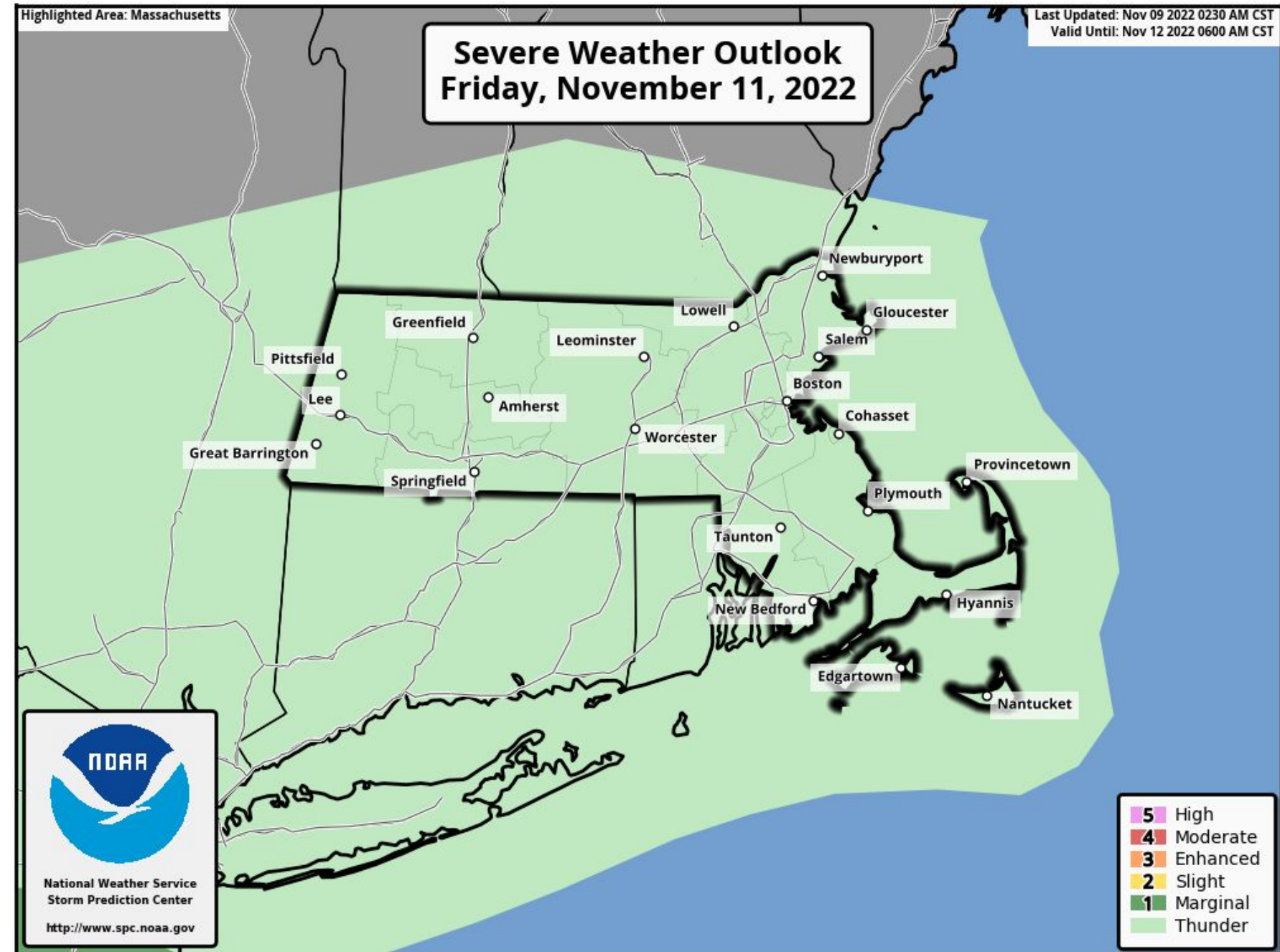


Thunderstorm Outlook

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Could be isolated thunderstorms late
Friday into Saturday

No severe thunderstorms are
expected at this time





Marine Conditions

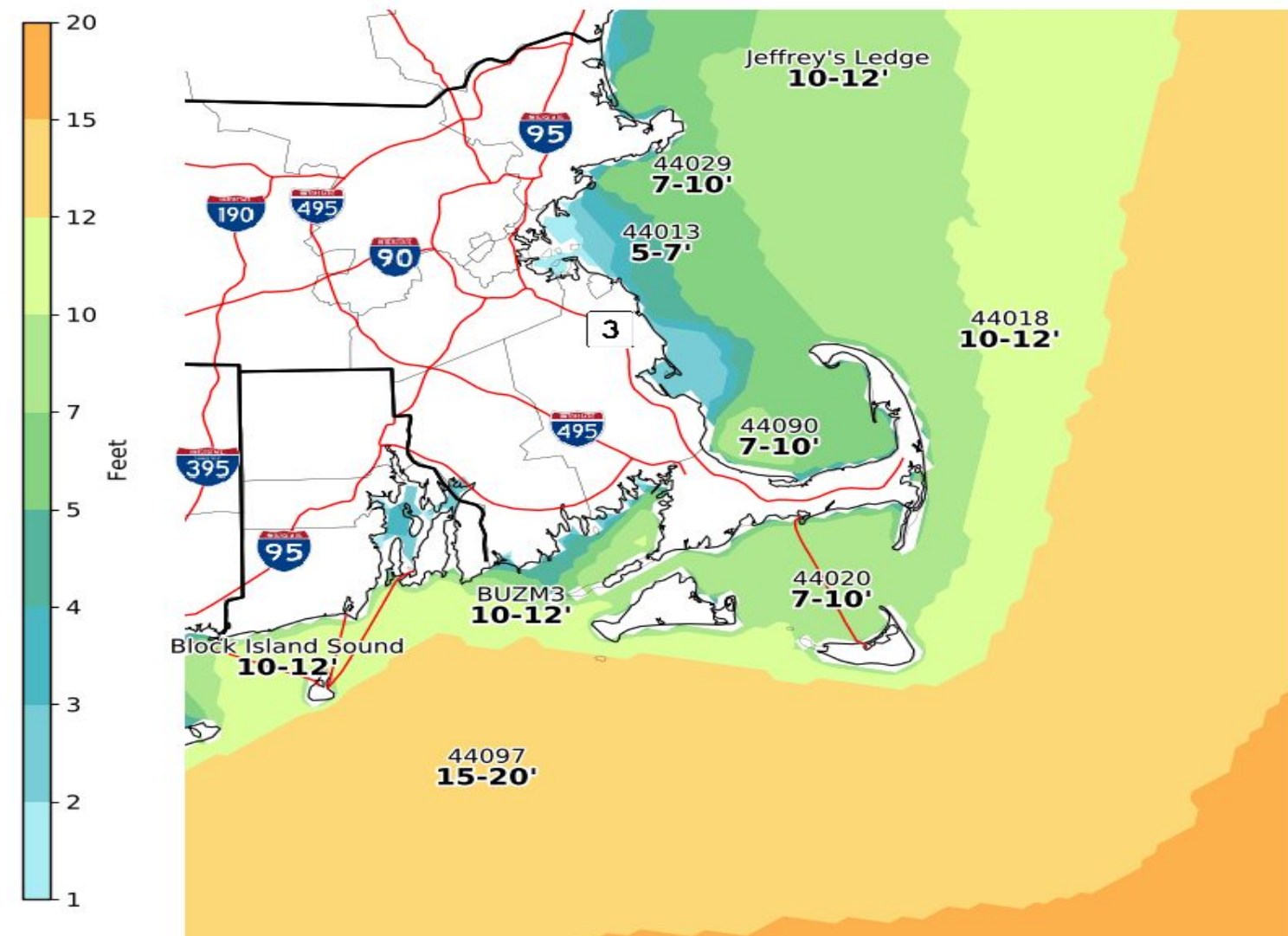
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Gale Force winds expected to generate very rough seas. A Gale Watch is in effect 7 PM Friday through 4 PM Saturday.

Wave heights in excess of 10 feet possible just off the coast

Rough surf, especially along south facing coastlines

Maximum Wave Height
Valid: 11/11/2022 08:00 AM - 11/12/2022 07:00 PM EST



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Event Summary

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What

- Potential for Strong/Gusty Winds, with risk increasing for especially southeastern New England, including the Cape and Islands
- Potential for Heavy Rainfall, though risk for flooding is decreasing
- Rough conditions on the adjacent coastal waters

Where & When

- All southern New England
- Late Friday into Saturday

