



Heavy Rain/Gusty Winds - Late Friday into Saturday

November 10, 2022
1:58 PM

NWS Boston Decision Support Briefing for Southern New England

Key Messages

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

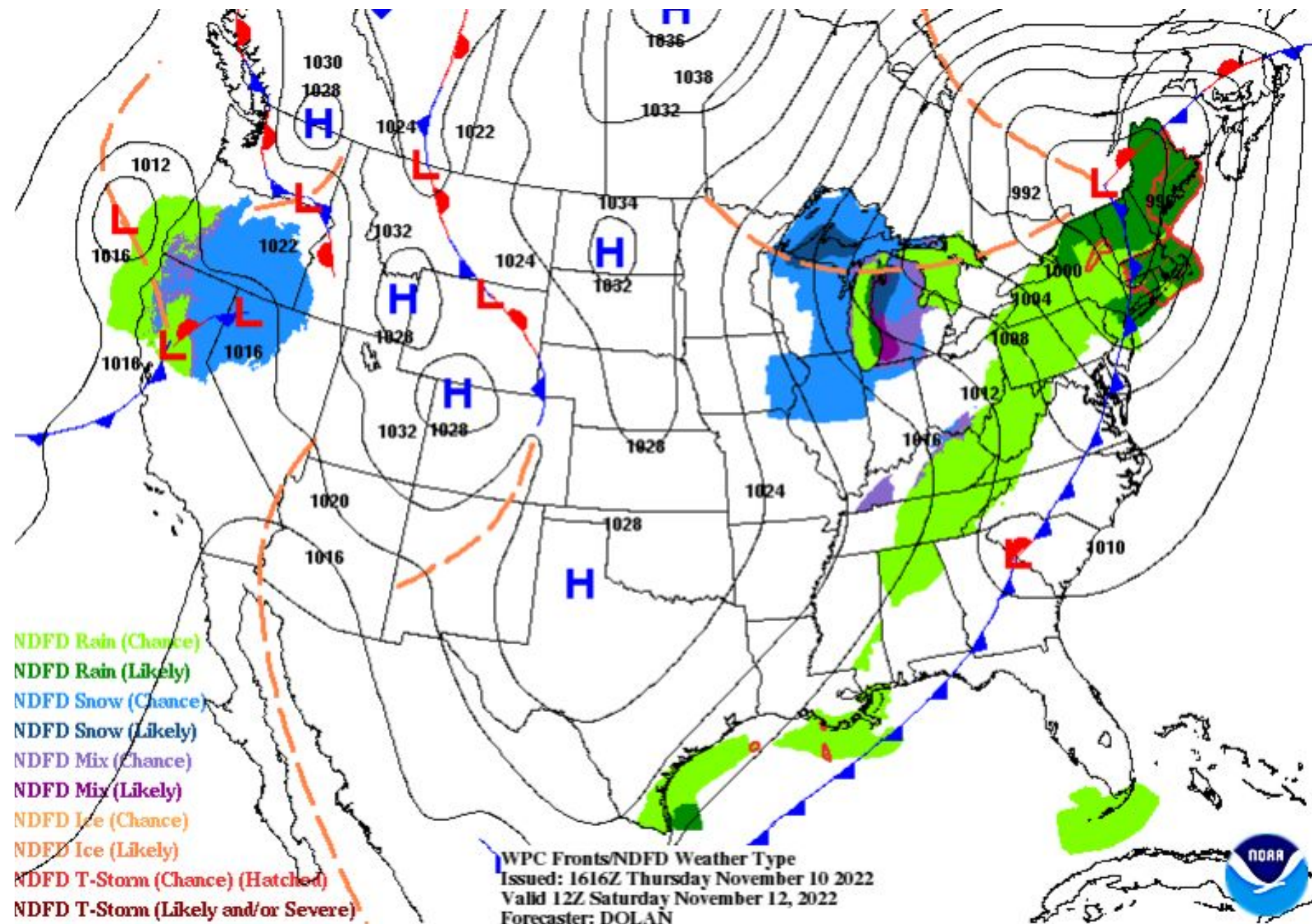
NEW

Important Updates

- A Wind Advisory will be in effect from 10 PM Friday to 10 AM Saturday for the south shore, Cape Cod, and the islands.
- Gale Watch upgraded to a Gale Warning

Next Scheduled Briefing

- By 6 AM Friday



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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: Strongest impacts Friday Evening through Saturday morning for both rain and winds



Impacts:

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

Heavy Rain (amounts of 0.5 to 2.0 inches) → nuisance ponding on roads due to leaf-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

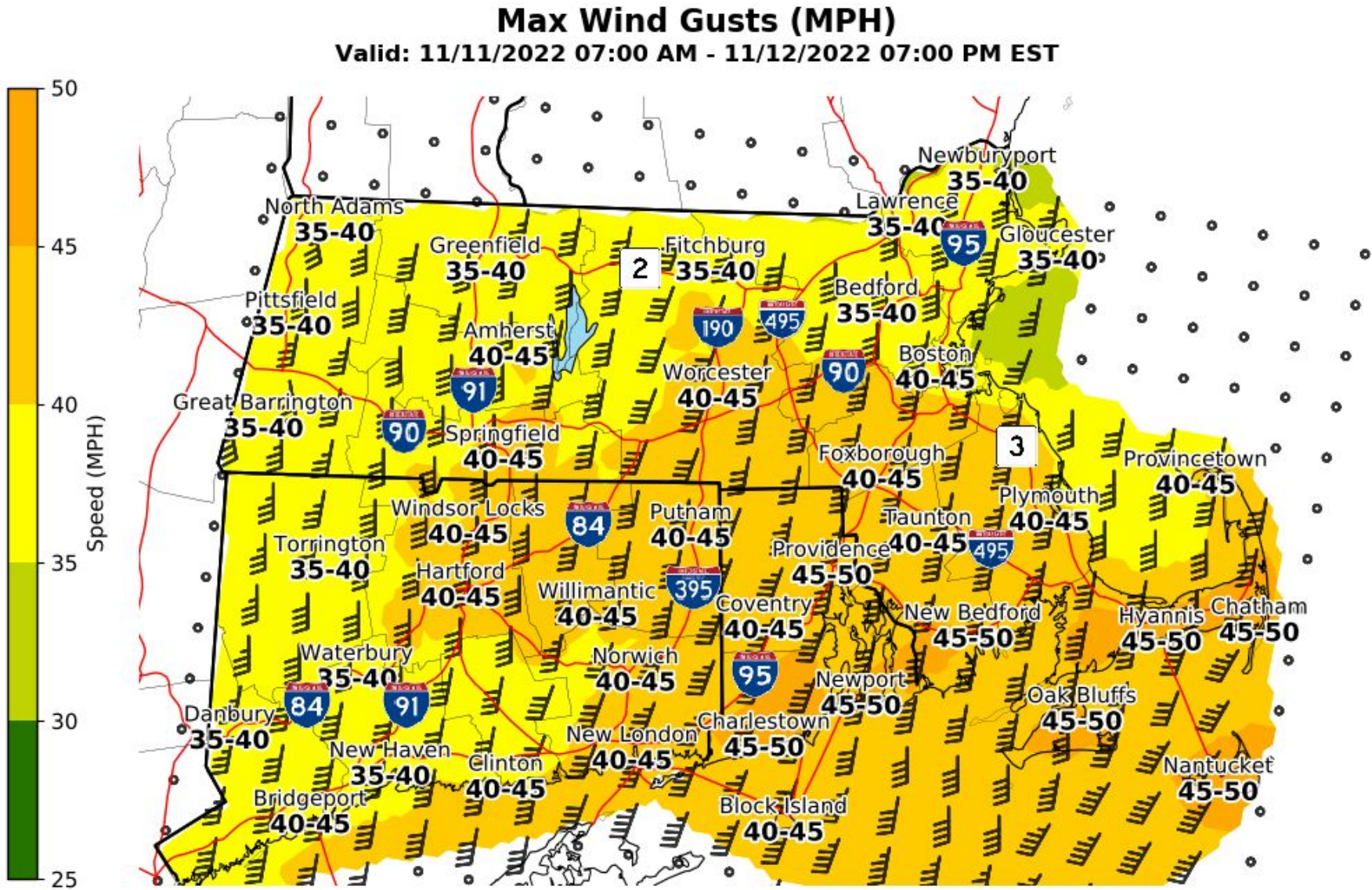
Extreme





Peak Wind Gust Forecast

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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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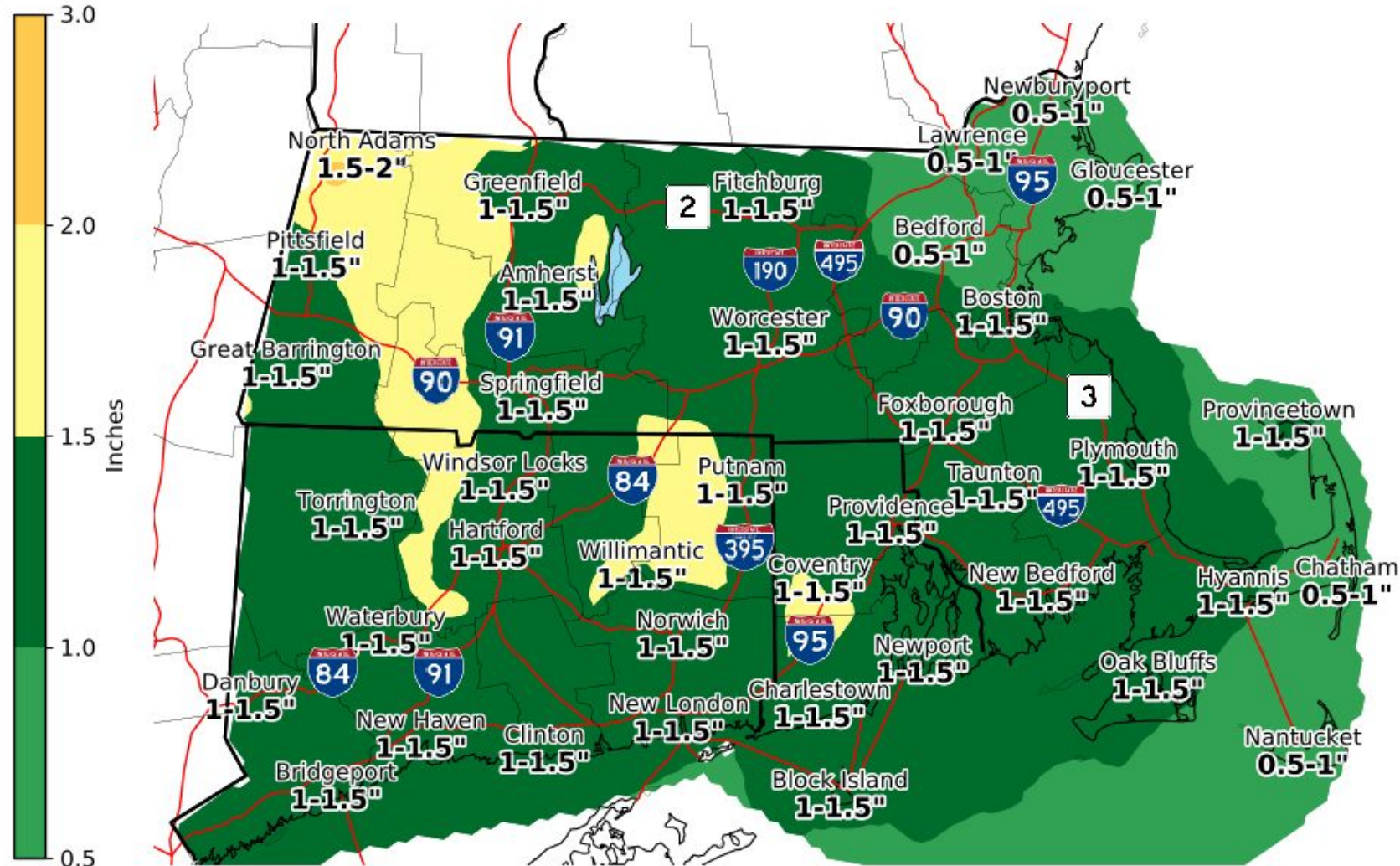


Rainfall Forecast

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Storm Total Precipitation

Valid: 11/11/2022 07:00 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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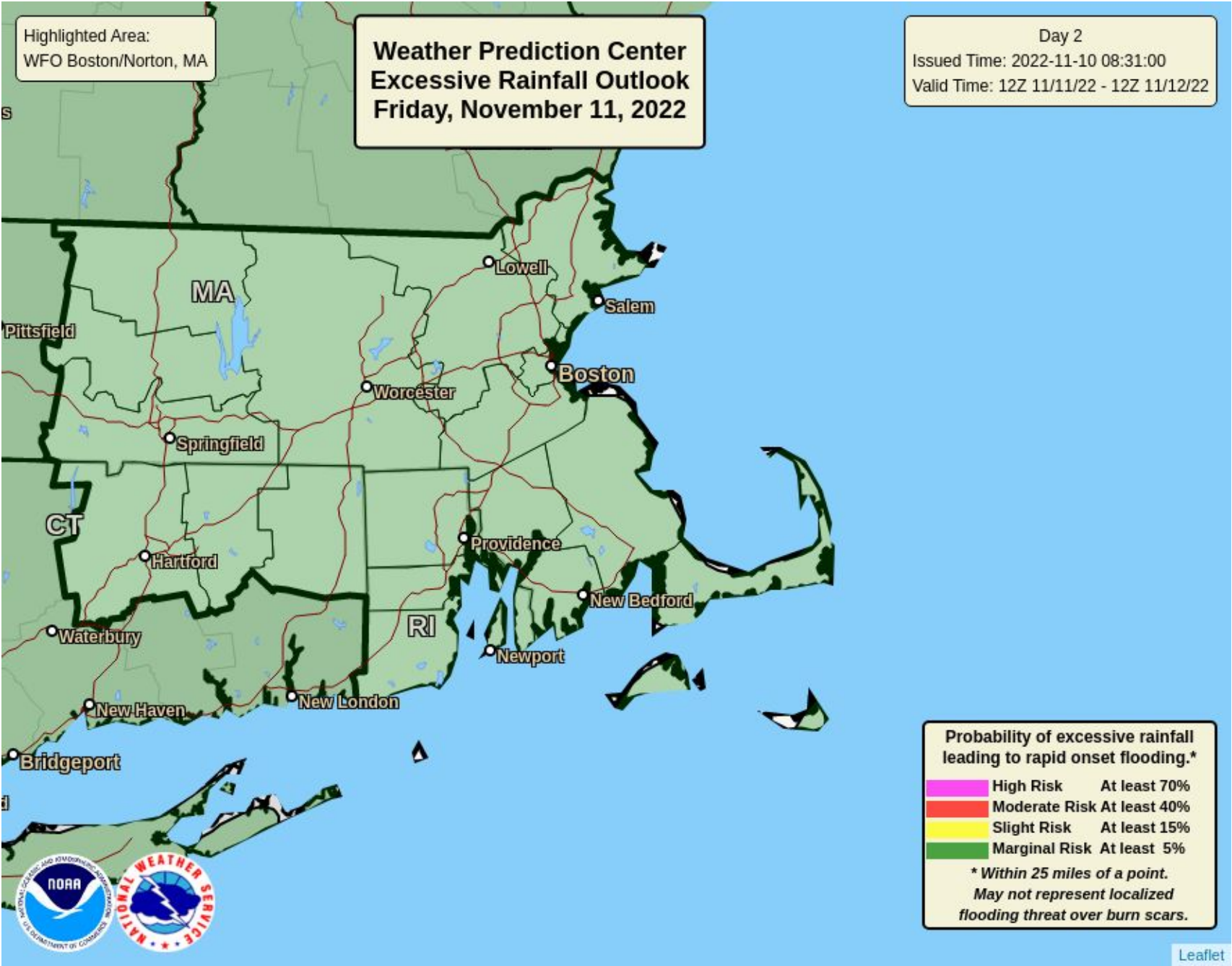


Excessive Rainfall Outlook

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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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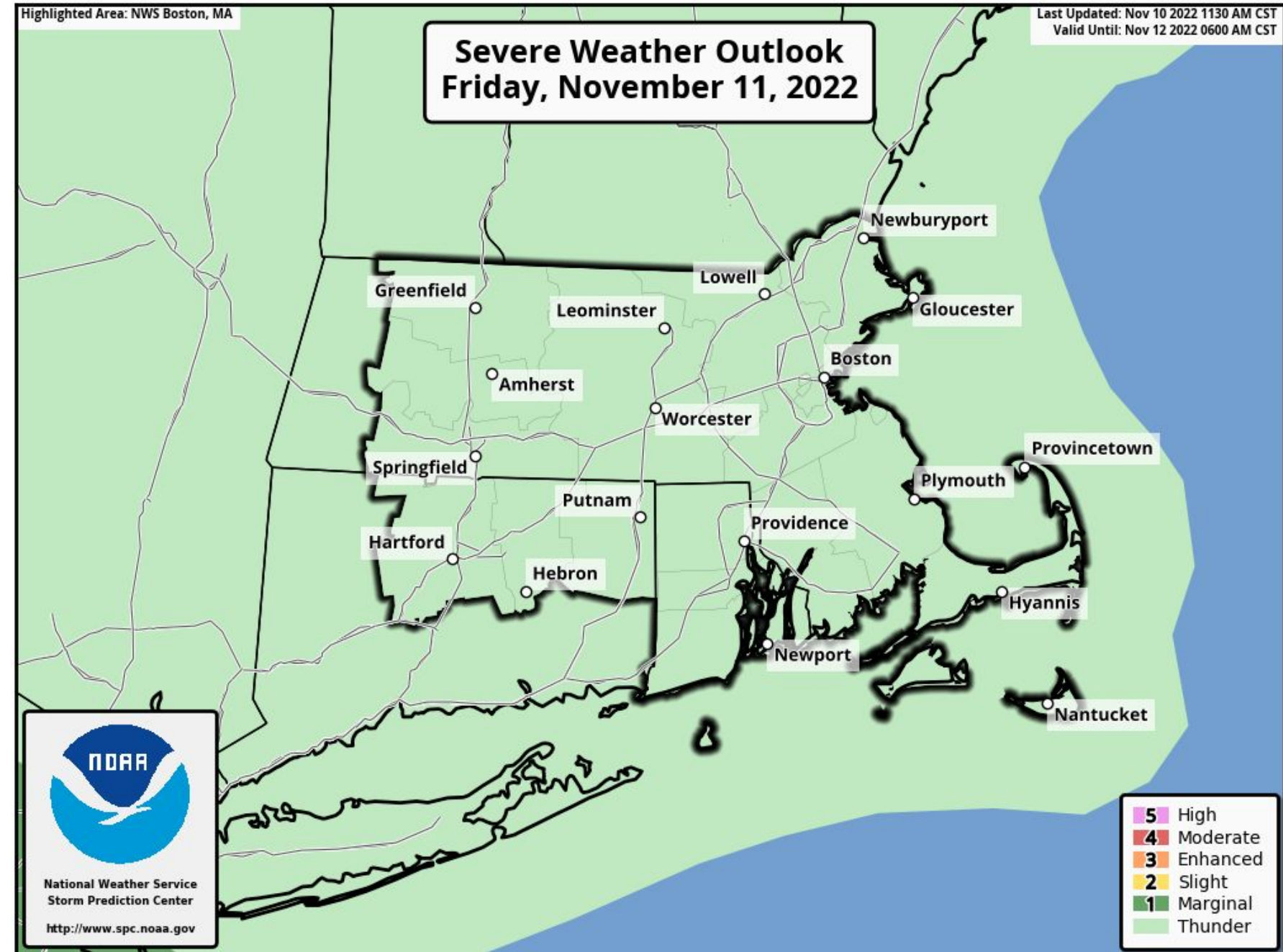


Thunderstorm Outlook

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Could be isolated thunderstorms late
Friday into Saturday

No severe thunderstorms are
expected at this time



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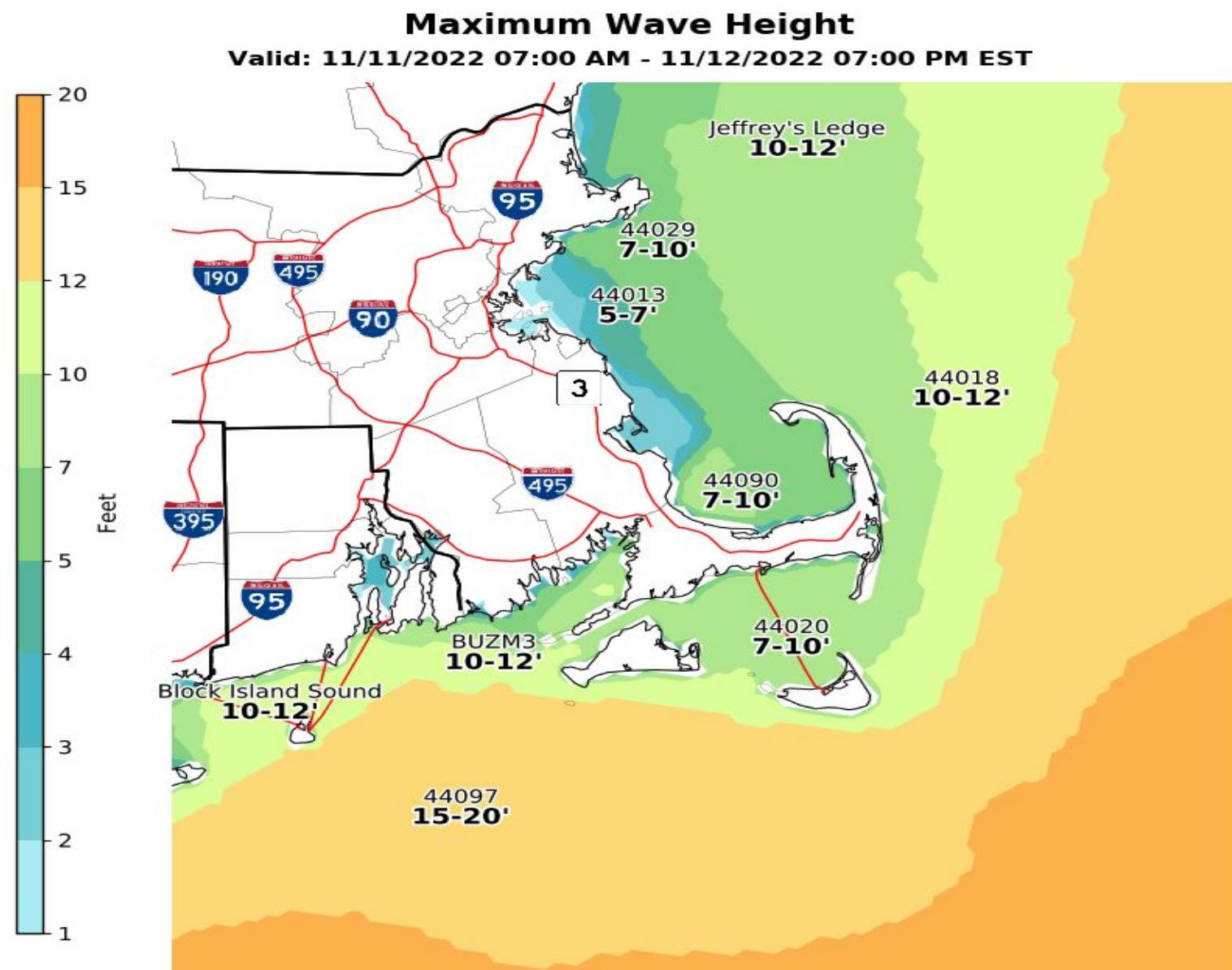
Marine Conditions

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Gale Force winds expected to generate very rough seas. A Gale Warning is in effect for Friday night into Saturday morning

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

Rough surf, especially along south facing coastlines



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Event Summary

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What

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

Where & When

- All southern New England
- Late Friday into Saturday

