Potential Damaging Winds & Minor Flooding

National Weather Service

Decision Support Briefing # 2

Tuesday, December 22, 2020 3:55 AM

What Has Changed?

✓ No substantial changes

Main Points

Hazard	Impacts	Location	Timing
Damaging Winds	Possible power outages	All areas but greatest risk across RI and eastern MA	Christmas Eve night into Christmas Morning
Flooding	Minor River Flooding. Localized street & highway flooding	Greatest risk for river flooding is Western MA/CT. Street & highway flooding all areas	Christmas Eve night and Christmas Morning
Dense Fog	Visibility possibly lowering to less than a quarter mile at times	All areas but greatest risk across CT into Western-Central MA where deepest snowpack exist	Christmas Eve night into Christmas morning

Summary of Greatest Impacts

Winds: All areas with greatest risk RI & Eastern MA

None	Limited	Elevated	Significant	Extreme

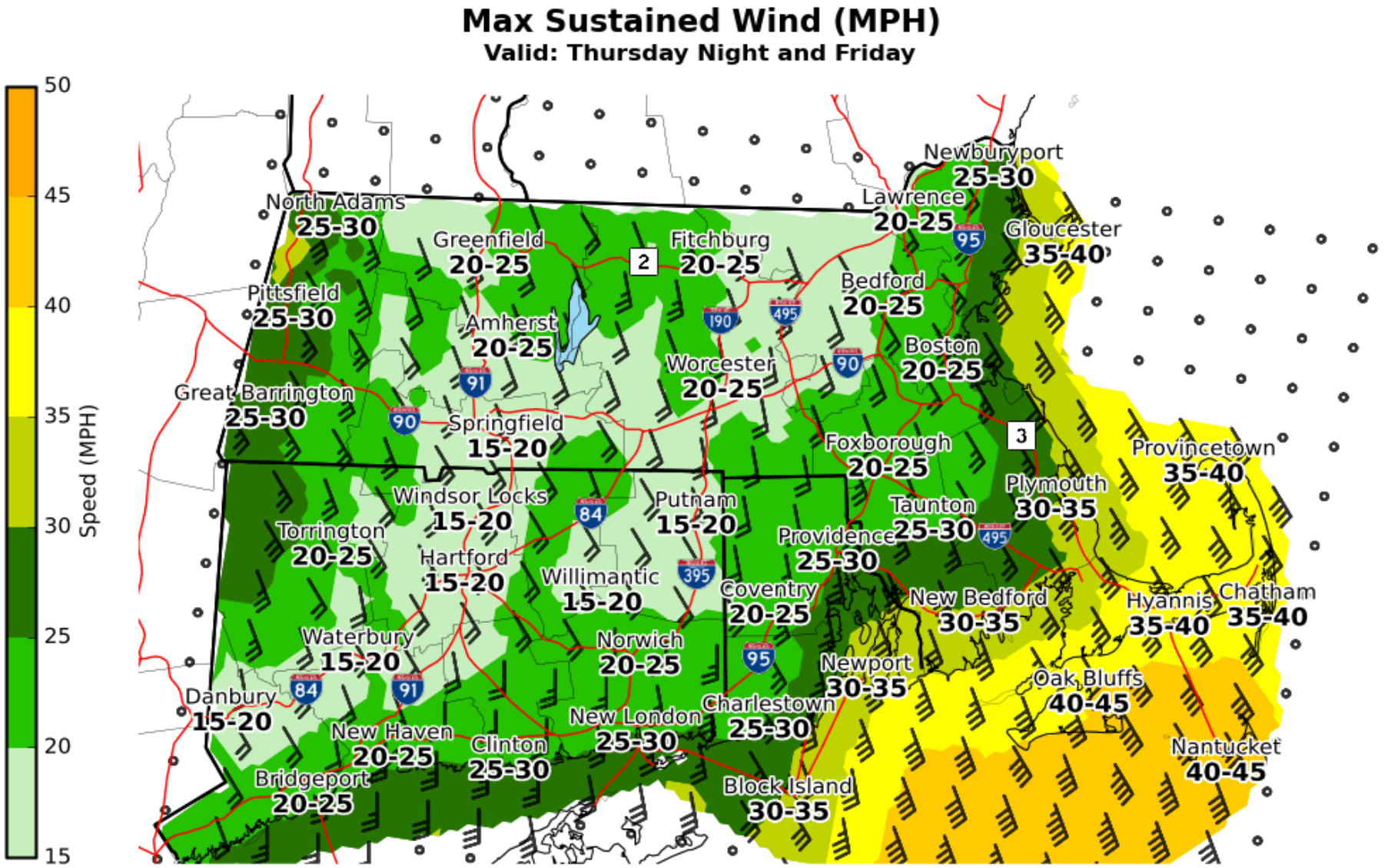
Flooding: All areas with greatest risk CT & Western-Central MA

None	Limited	Elevated	Significant	Extreme

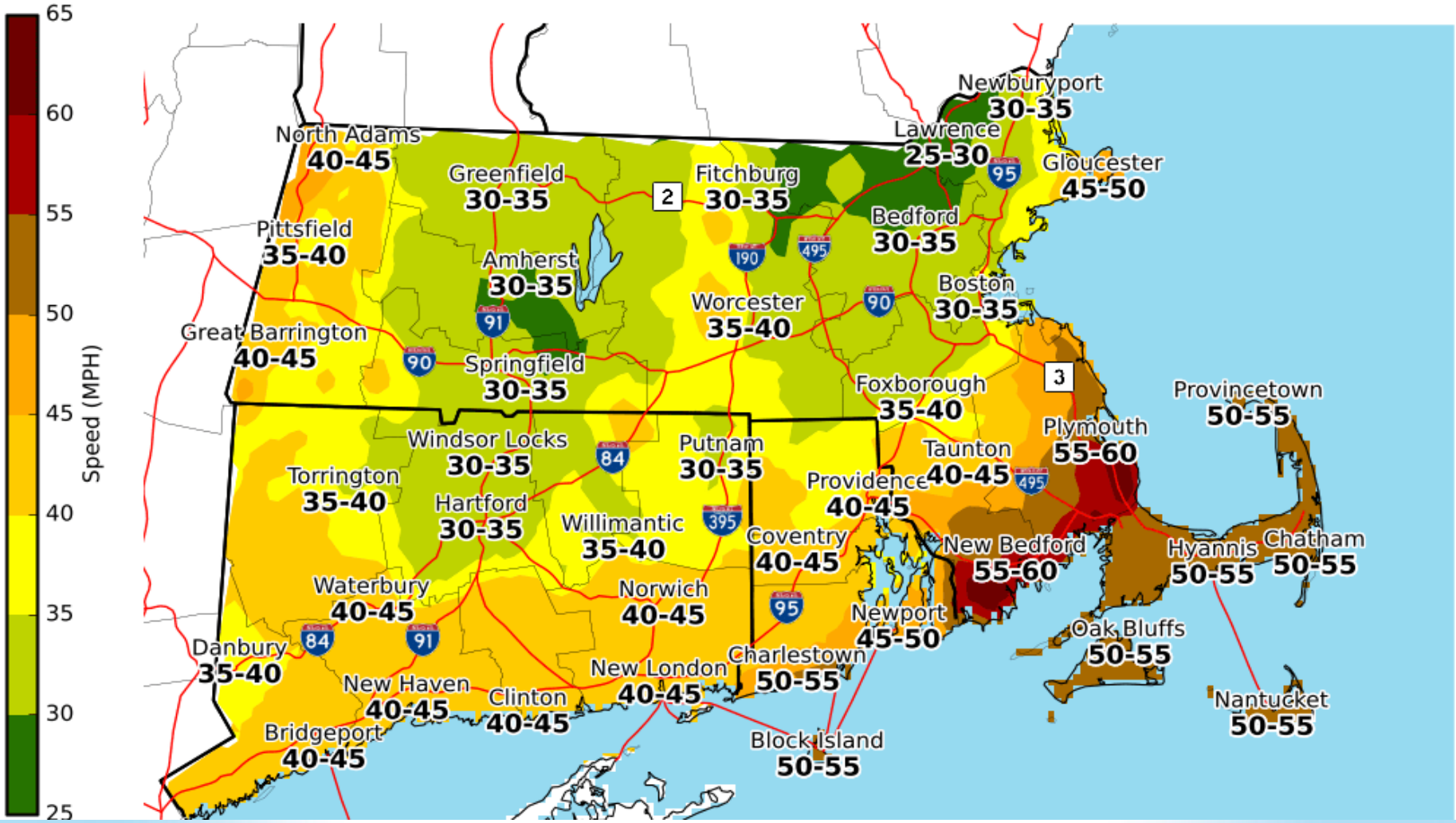
Dense Fog: All areas with greatest risk CT & Western-Central MA

None	Limited	Elevated	Significant	Extreme

Forecast Maximum Sustained Winds



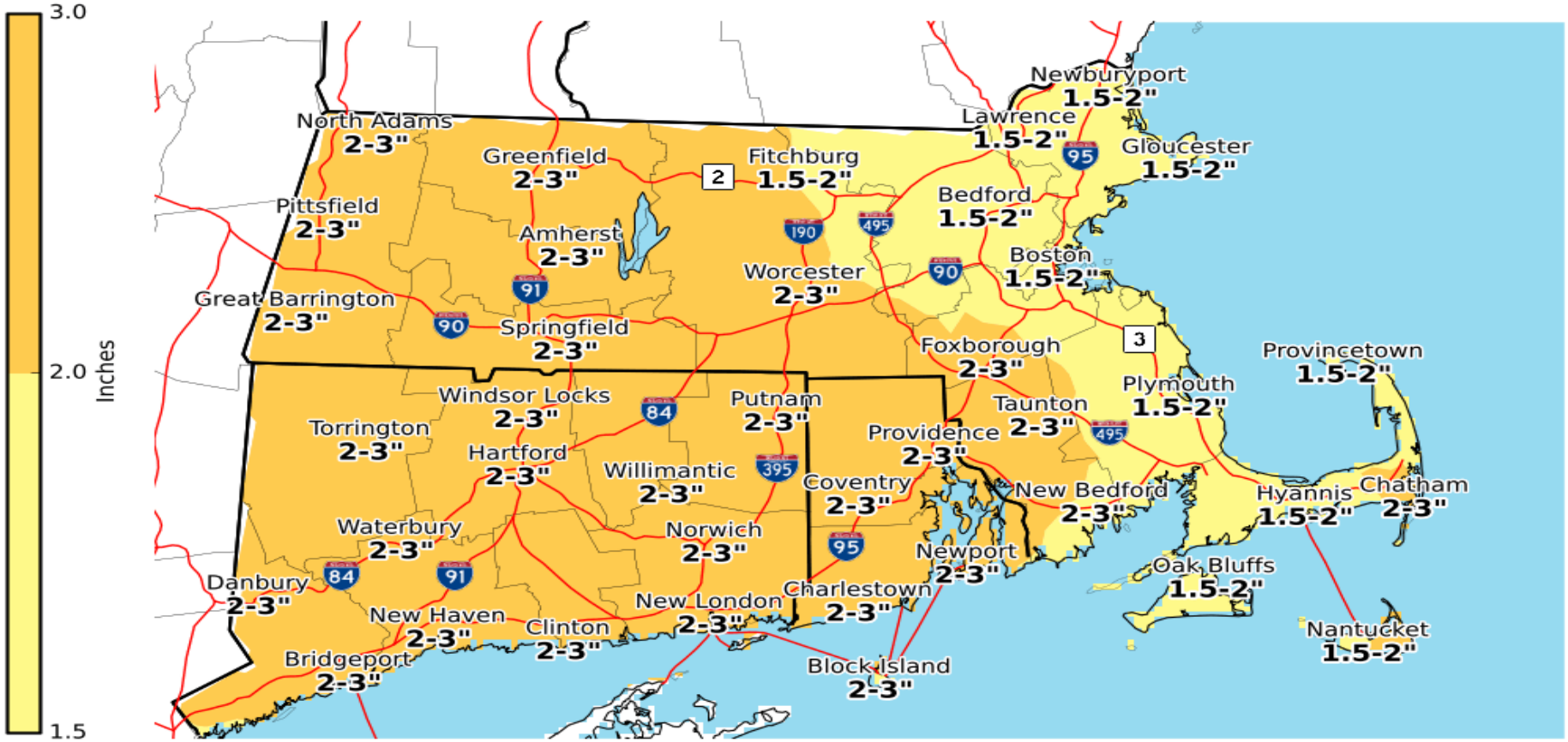
Forecast Maximum Wind Gusts



Forecast Storm Total Precipitation

Storm Total Precipitation

Valid: 12/24/2020 07:00 AM - 12/25/2020 07:00 PM EST



National Weather Service
Boston/Norton, MA
12/22/2020 03:35 AM EST

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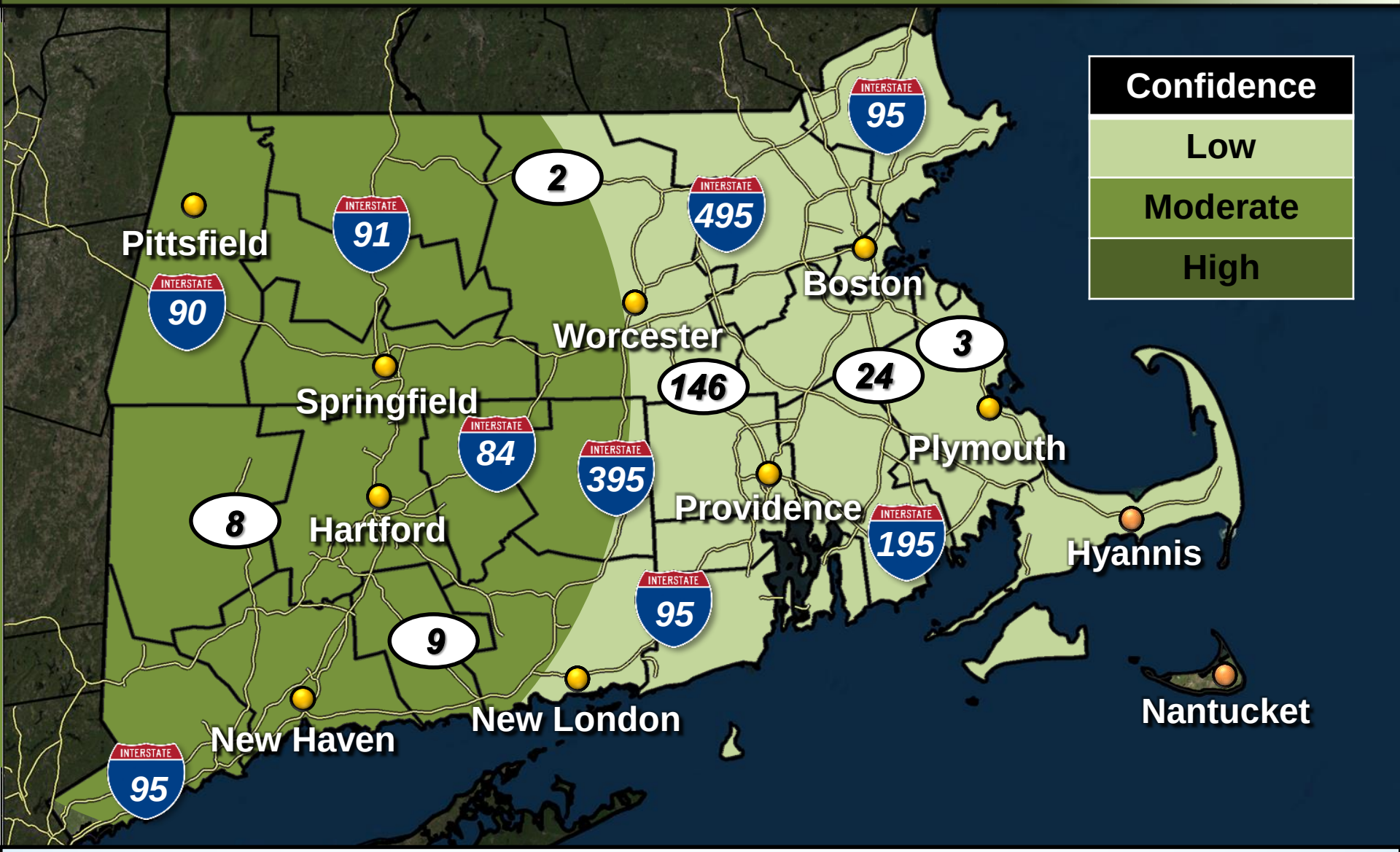
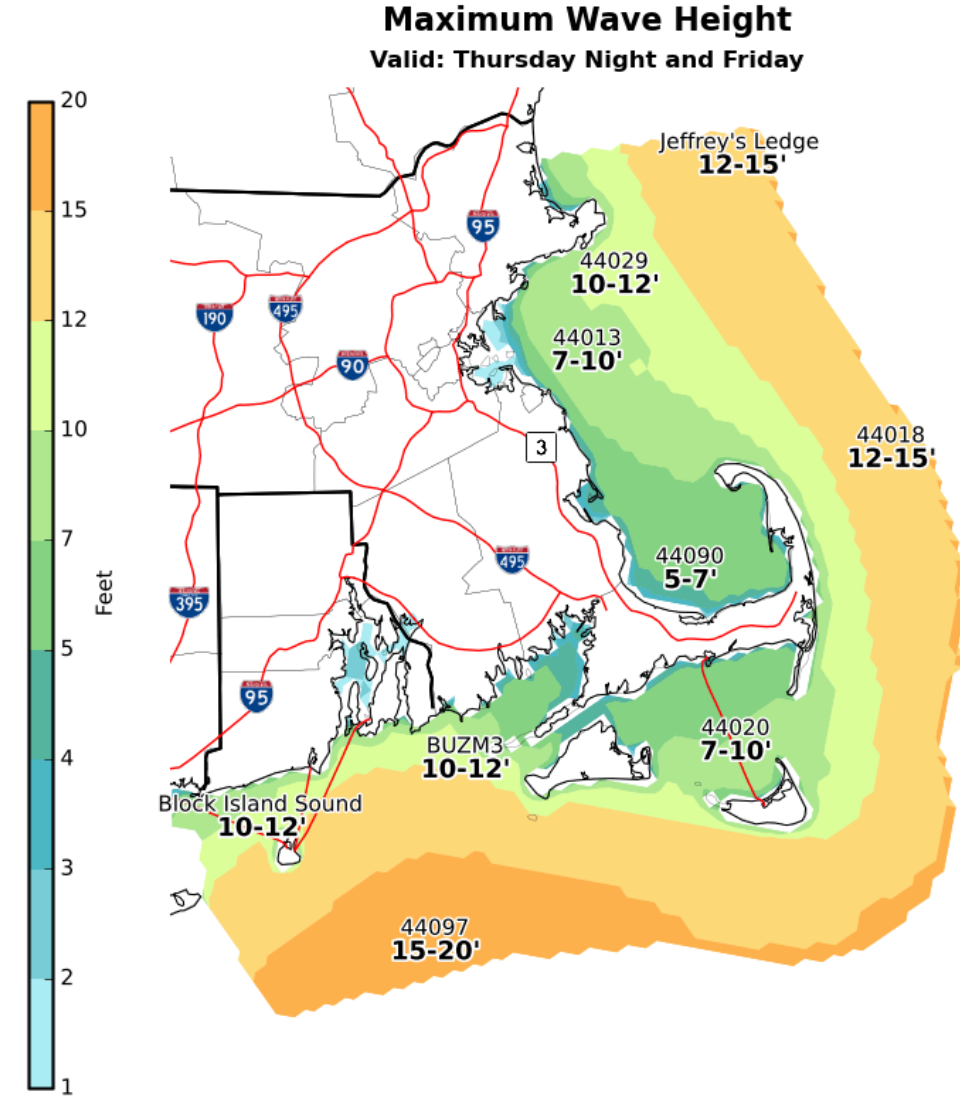
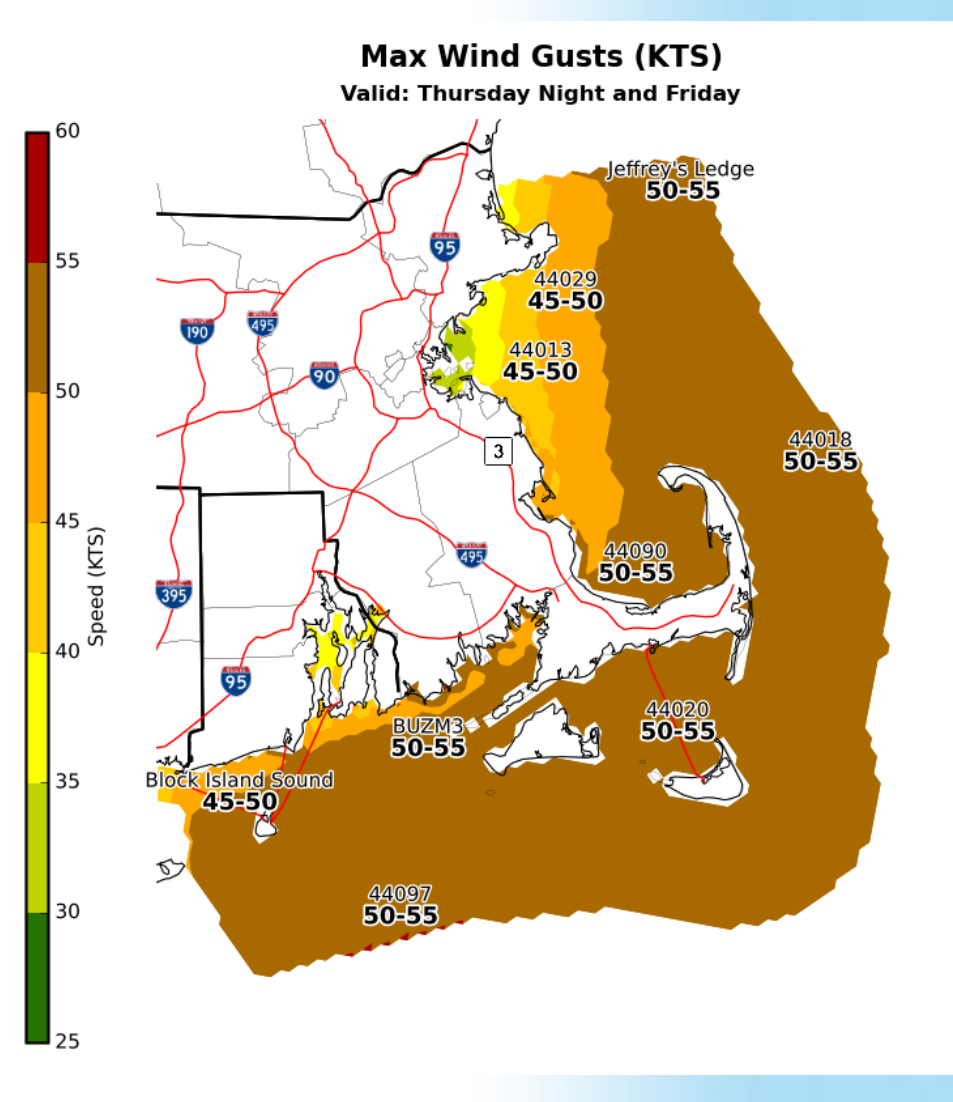
Confidence with respect to flooding …



Forecast Maximum Wave Heights and Wind Gusts (in kts)



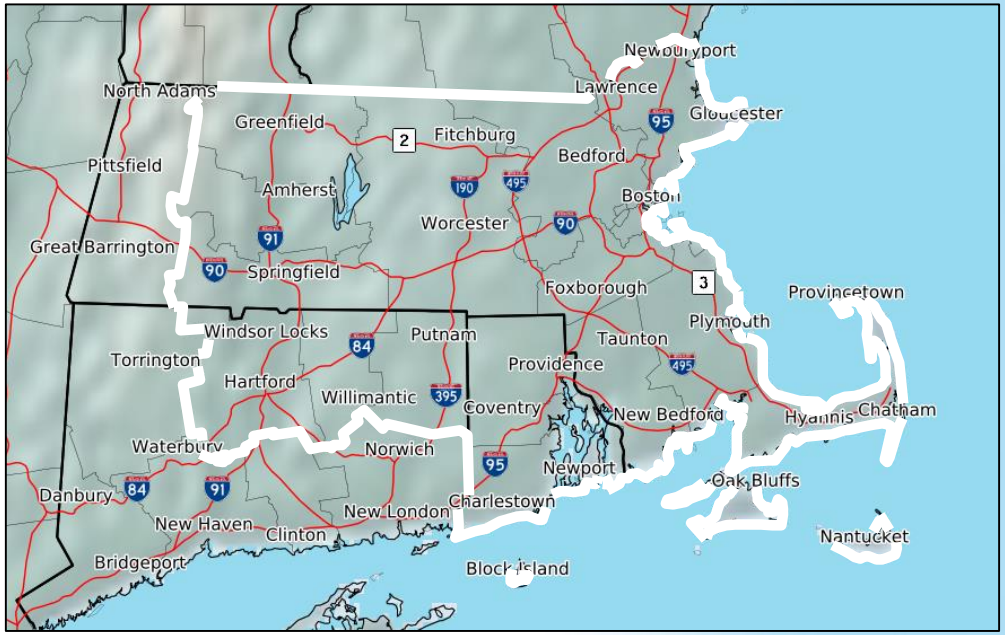


Threat Event Summary

- ✓ **Confidence**: moderate confidence on a high impact weather event
- ✓ **What**:
  - 25-40 mph sustained winds with gusts up to 60 mph, resulting in a risk for localized power outages
  - 1 to 2 inches of rainfall with locally higher amounts up to 2.5 inches is possible. Minor river flooding & localized street & highway flooding
  - Areas of dense fog possible with visibility reduced to a quarter mile or less at times. Potential travel impacts
- ✓ **Where**: All of Southern New England (MA, RI & CT)
- ✓ **When**: Christmas Eve night into Christmas morning

Contact and Next Briefing Information

Next Briefing
When: *5 pm, Tuesday, December 22nd*
Method: *via email*



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 5 pm, Tuesday, December 22, 2020*