



Event Timing




National Weather Service
Decision Support Briefing # 1
Monday, December 21, 2020 4:05 PM

What Has Changed?

- ✓ First briefing
- ✓ Potential strong to damaging winds, minor river flooding & isolated street/highway flooding possible late Thu into Fri



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

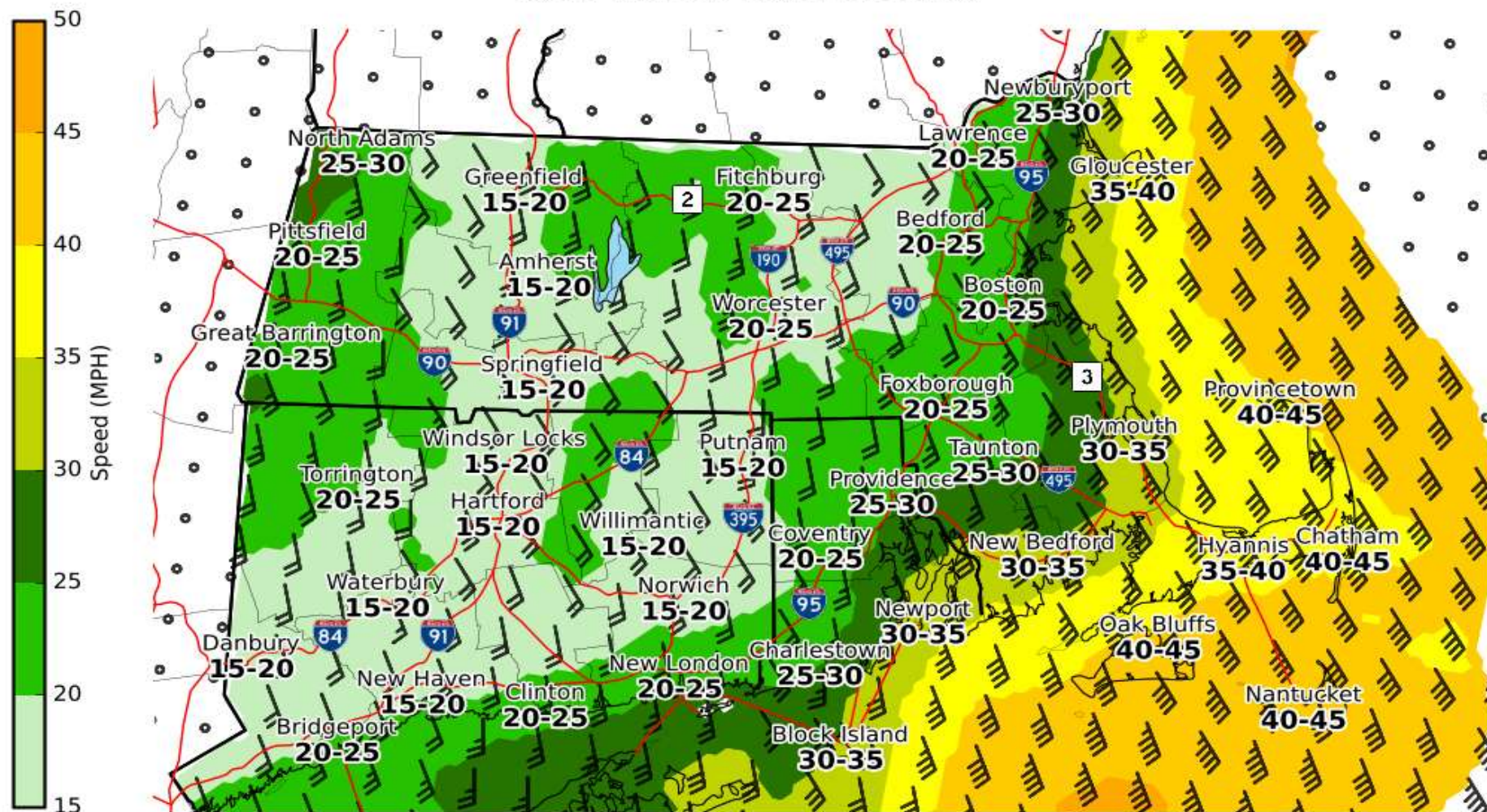
Extreme



Forecast Maximum Sustained Winds

Max Sustained Wind (MPH)

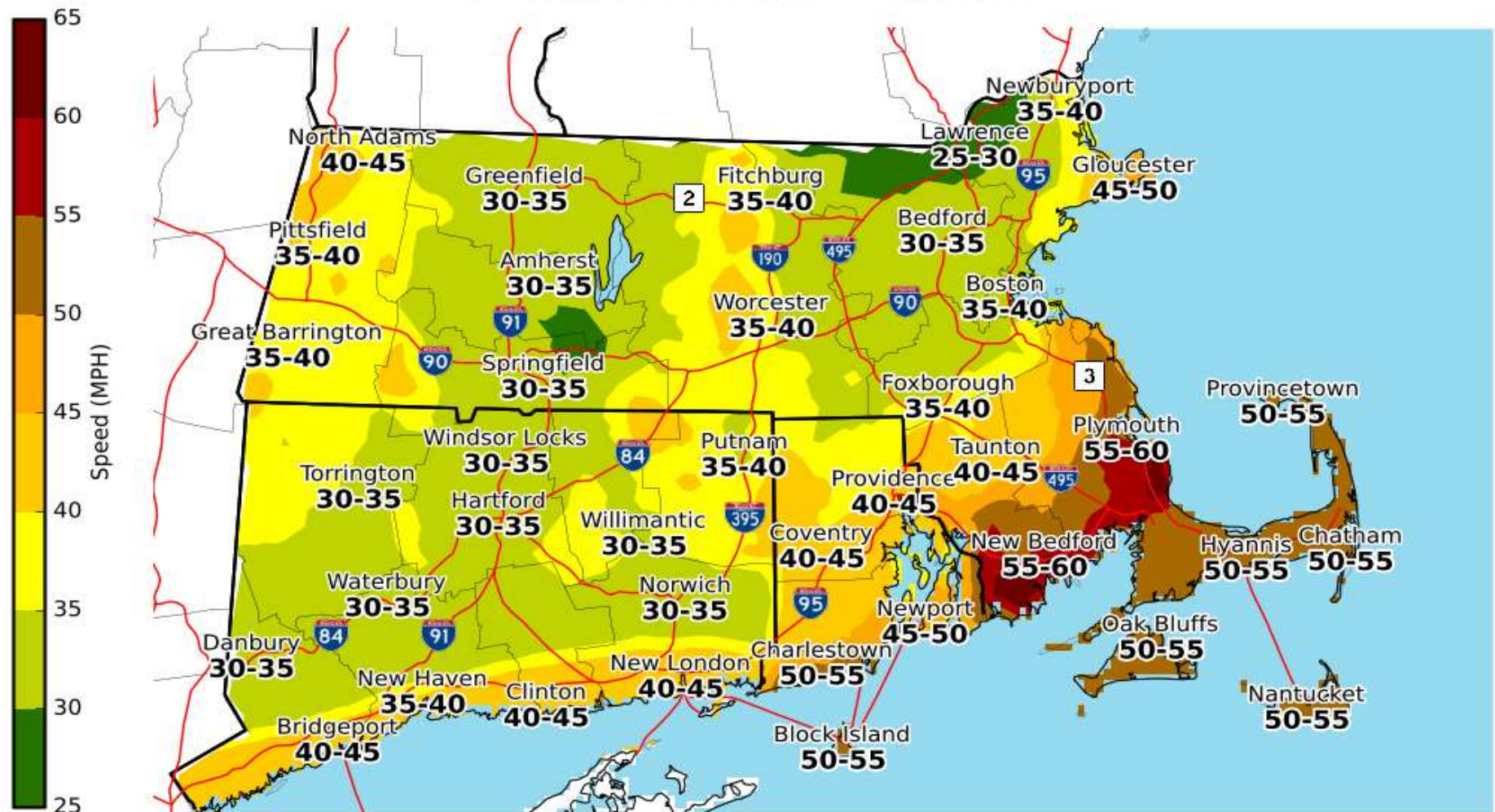
Valid: Thursday Night into Friday



Forecast Maximum Wind Gusts

Potential Max Wind Gusts (MPH)

Valid: Thu & Fri 12/24/2020 - 12/25/2020



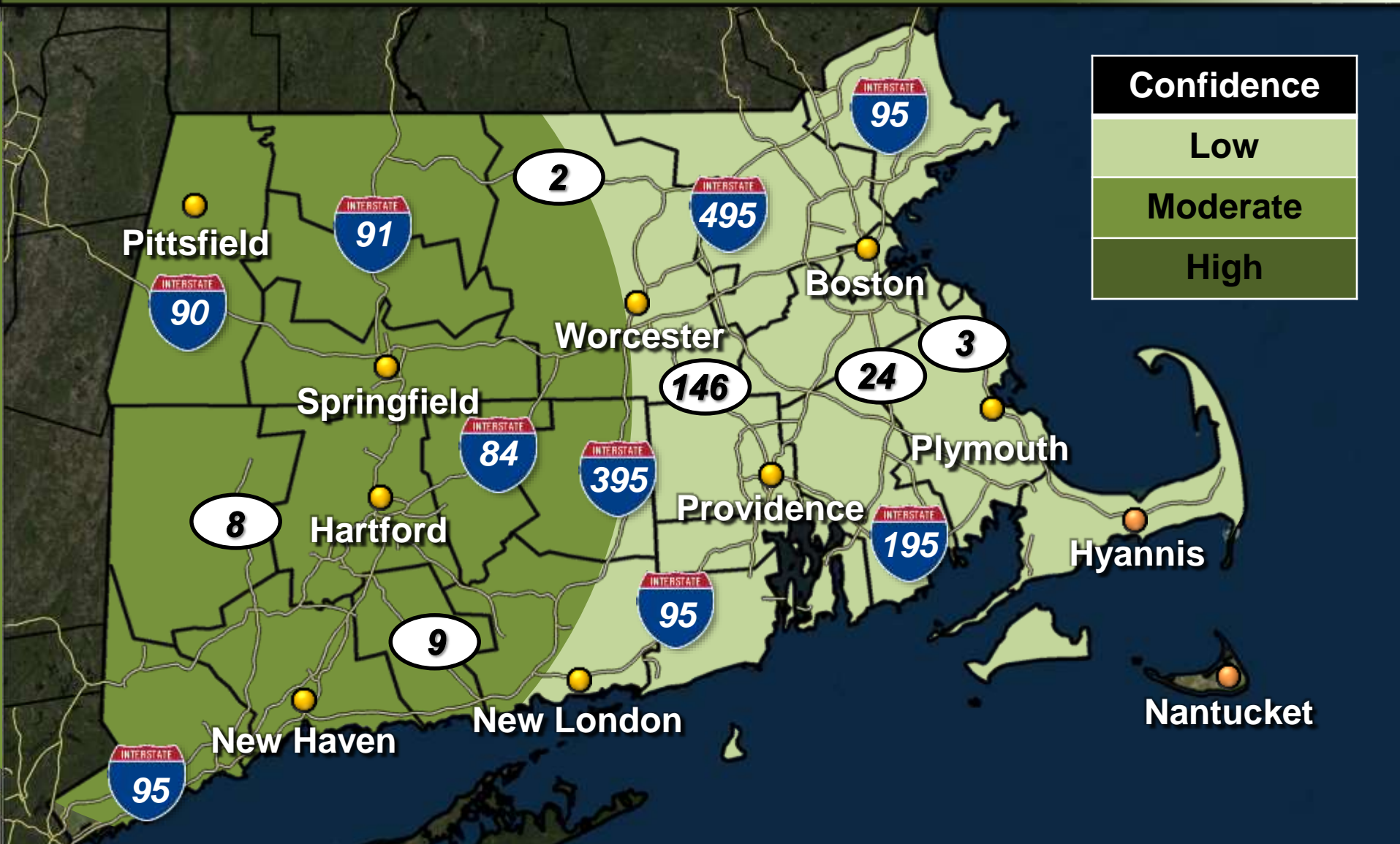


Potential Storm Total Rainfall: Thu & Fri
Valid: 12/24/2020 07:00 AM - 12/25/2020 07:00 PM EST



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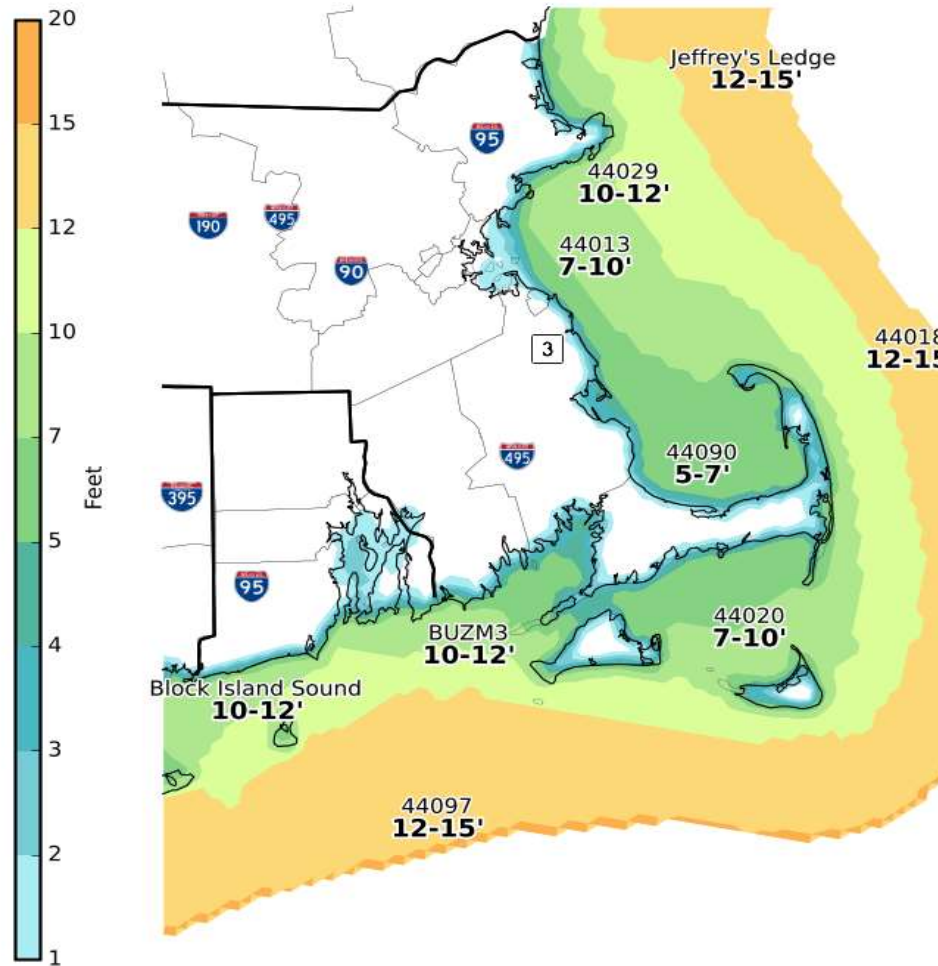
Confidence with respect to flooding ...



Forecast Maximum Wave Heights and Wind Gusts (in kts)

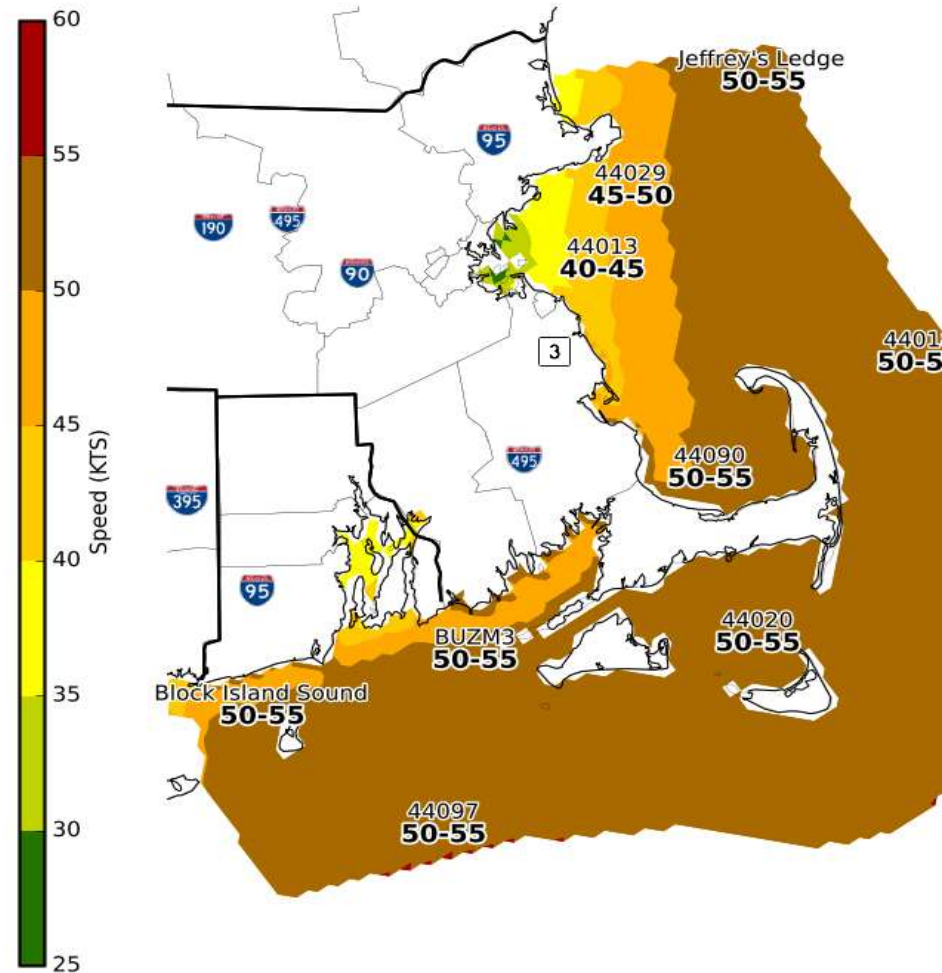
Potential Maximum Wave Height

Valid: Thu night into Fri 12/24/2020 - 12/25/2020



Potential Max Wind Gusts (KTS)

Valid: Thu night into Fri 12/24/2020 - 12/25/2020



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: 6 am, Tuesday, December 22nd

Method: via email



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Disclaimer: The information contained within this briefing is time-sensitive,
do not use after 6 am, Tuesday, December 22, 2020