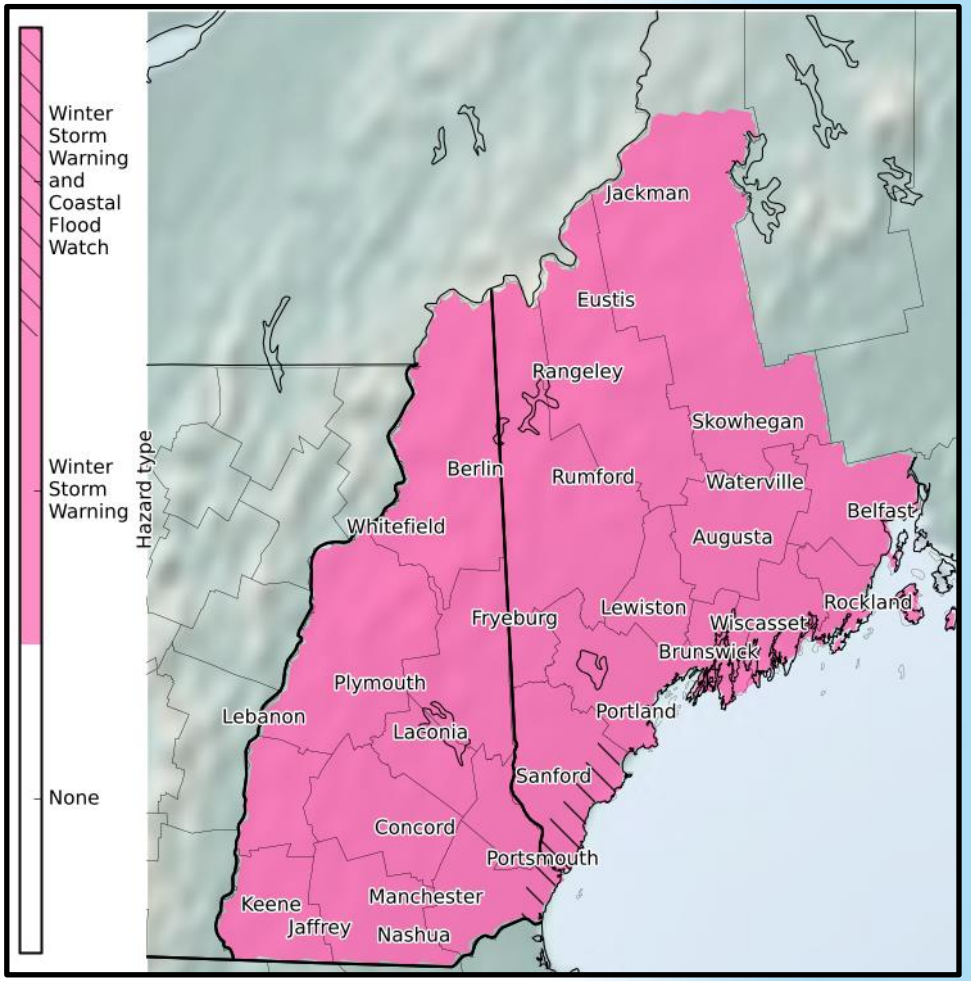
Significant Winter Storm

Decision Support Briefing # 3
As of: 4 pm Tuesday, March 6th

What Has Changed?

- ✓ Some minor adjustments to snowfall totals
- ✓ Coastal Flood Watch issued

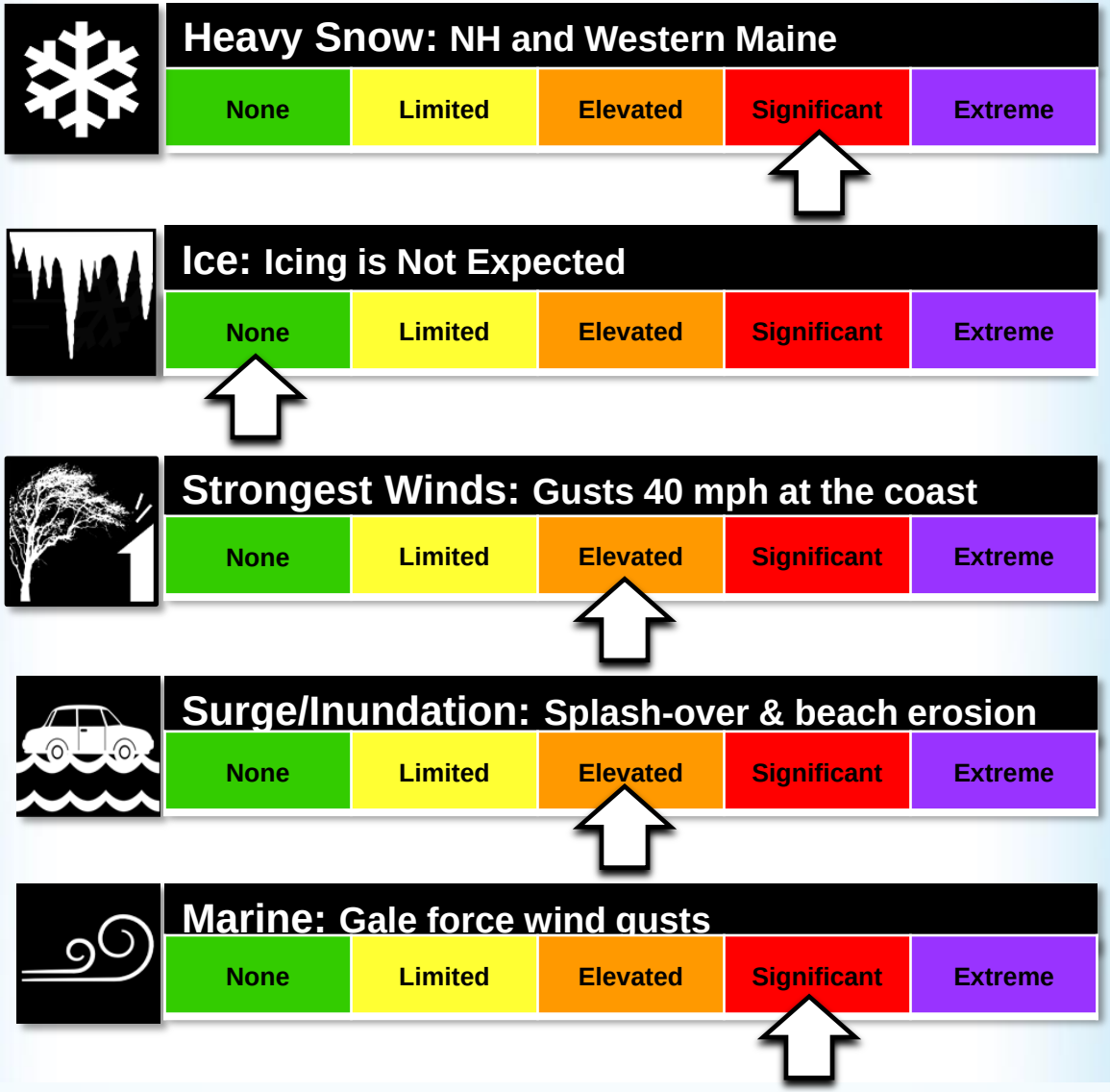
Headlines as of 4 pm Tuesday



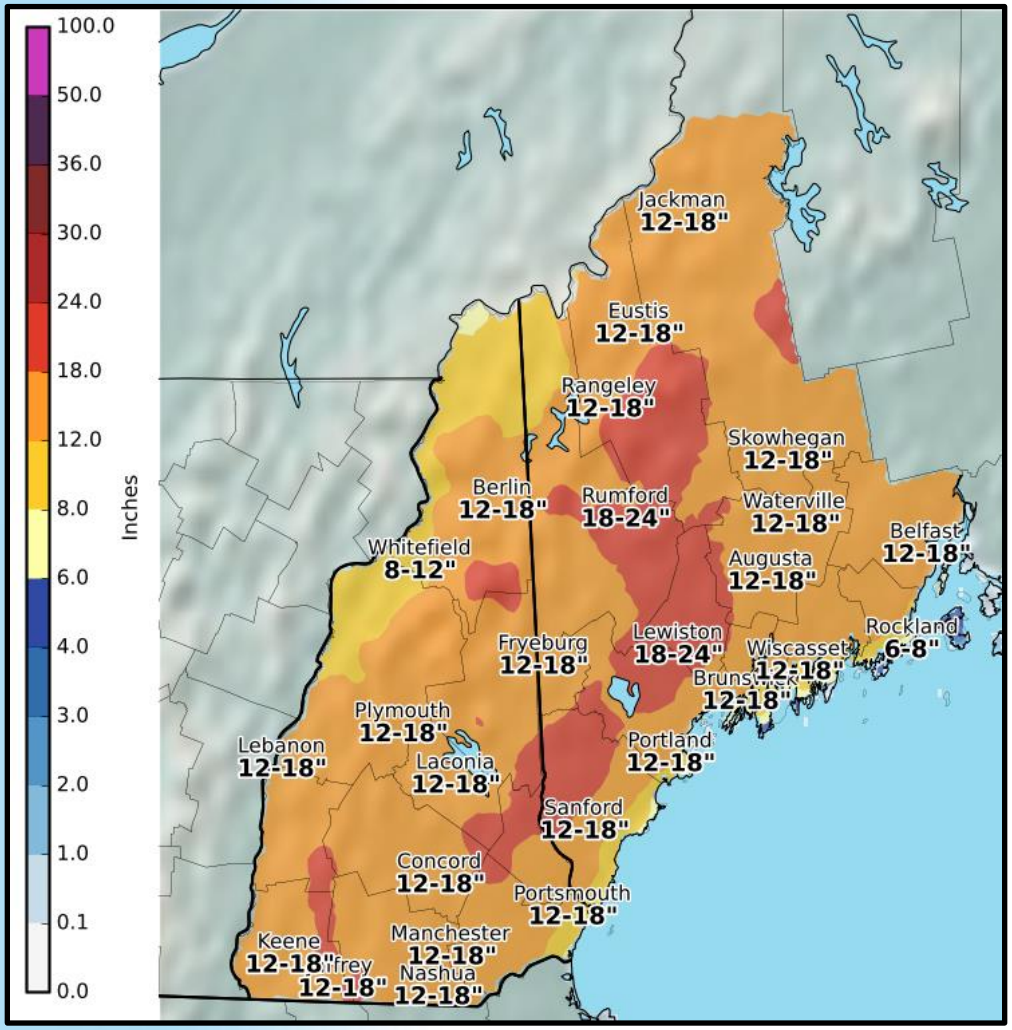
Main Points

Hazard	Impacts	Location	Timing
Snow	Significant Travel Impacts Most areas will see 12 to 18 inches of snow Heavy/Wet snow and a mix with rain possible at the coast	New Hampshire and Western Maine	Wednesday afternoon through noon Thursday
Ice	Icing is NOT expected	Icing is NOT expected	Icing is NOT expected
Wind	40 mph gusts may cause scattered power outages given heavy & wet snow near the coast Near blizzard conditions possible	Strongest winds along the coast	Wednesday Night – Thursday Morning
Storm Surge/ Inundation	Beach erosion, splash over & minor coastal flooding possible Rocks on roadways	Coastal Areas from Portland south to Hampton	Thursday early AM high tide
Marine	Gales in the bays Storms in the outer waters	All Waters	Late Wednesday – Thursday Morning

Summary of Greatest Impacts

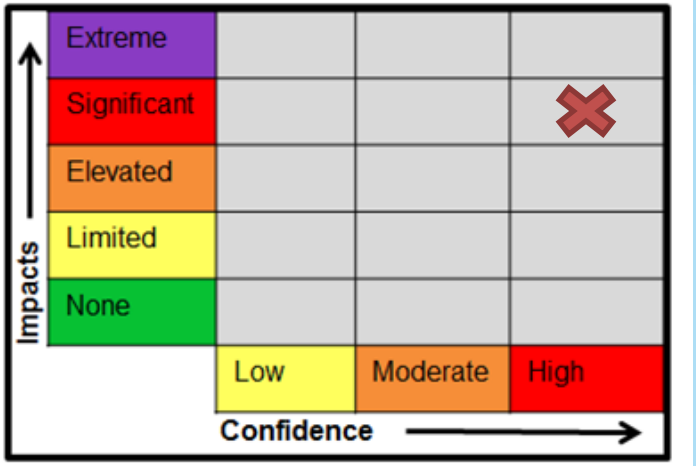


Snowfall Forecast Wednesday – Thursday



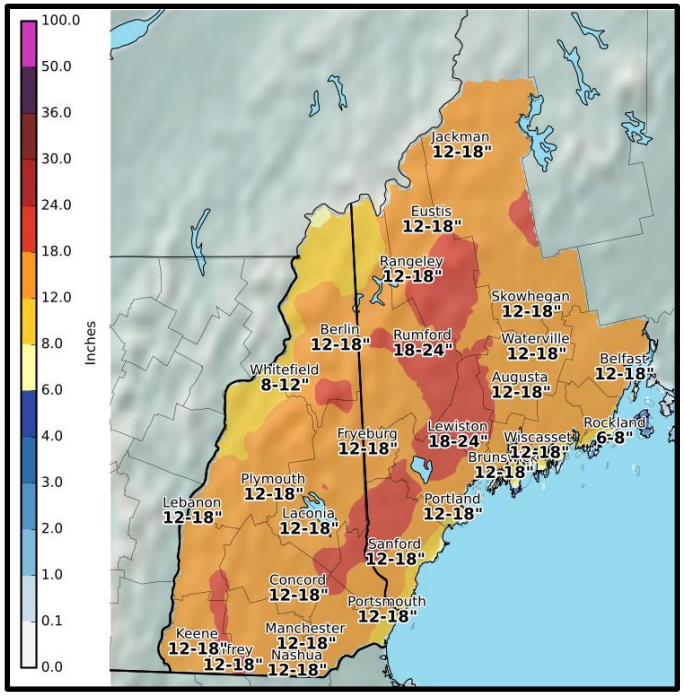
Storm Confidence

- ✓ Confidence is high for a significant winter storm
- ✓ Find the most up to date snowfall map, click here

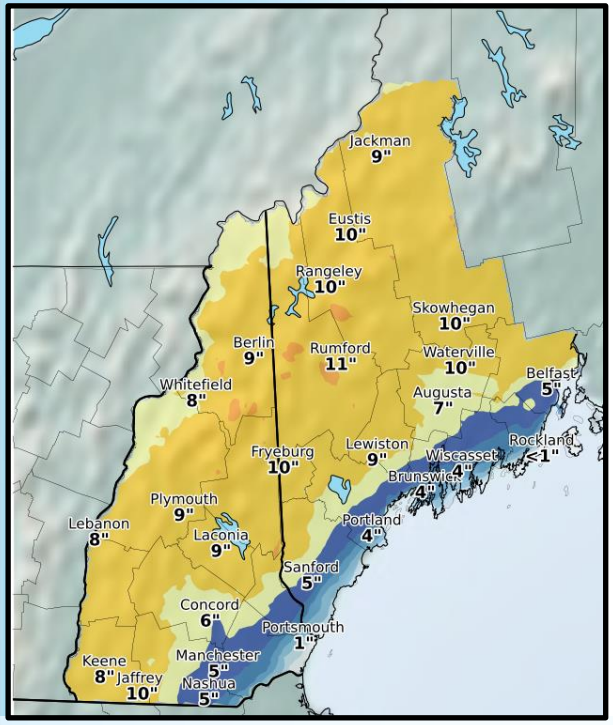


Probabilistic Snowfall Forecast

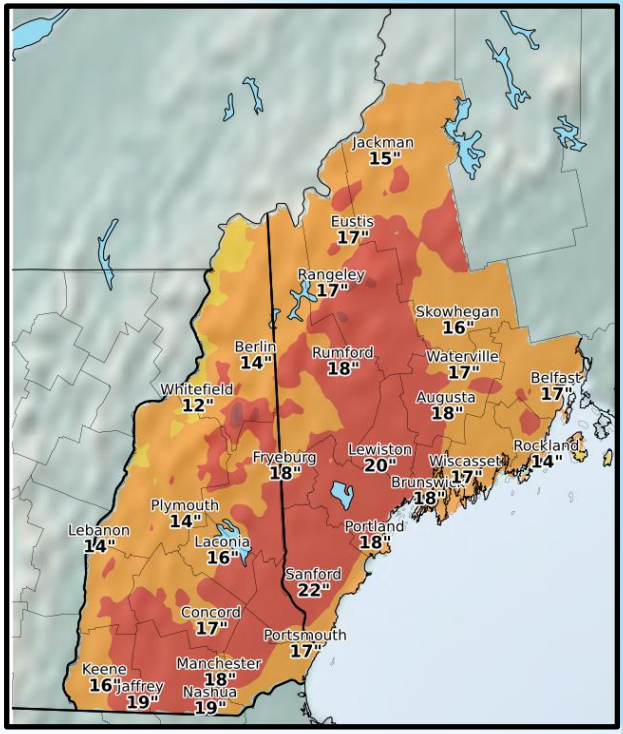
Most Likely



Expect at least this much

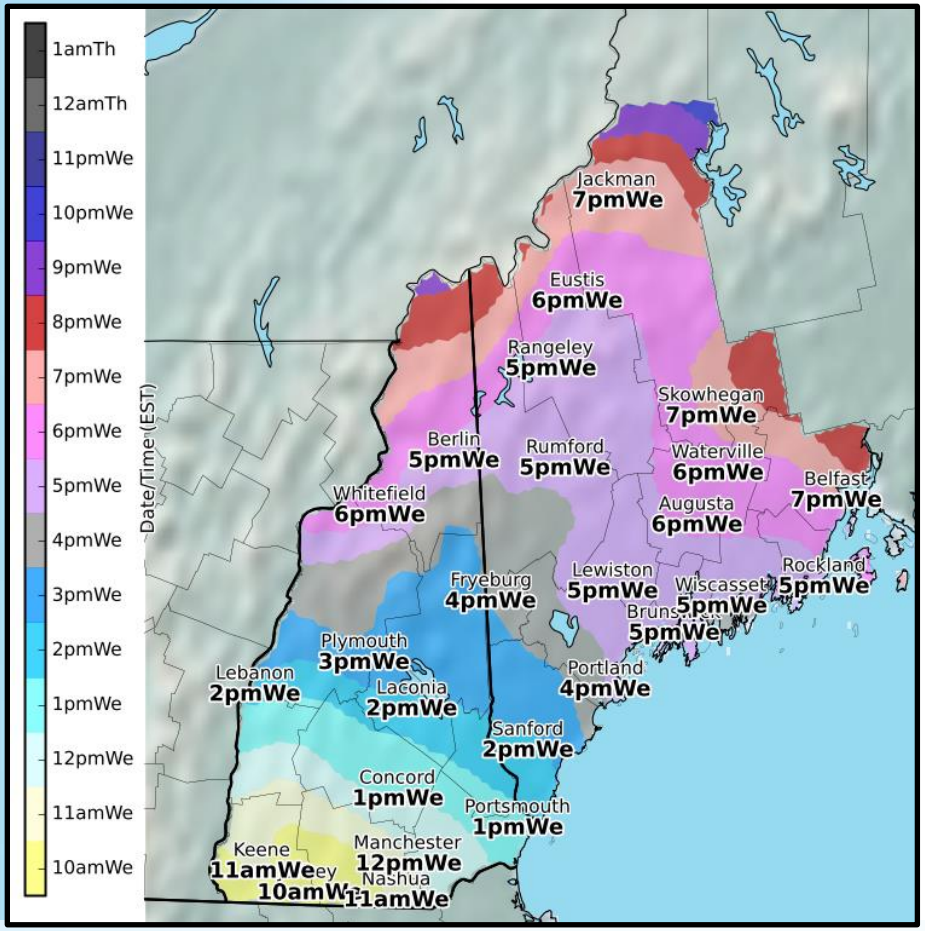


Potential for this much

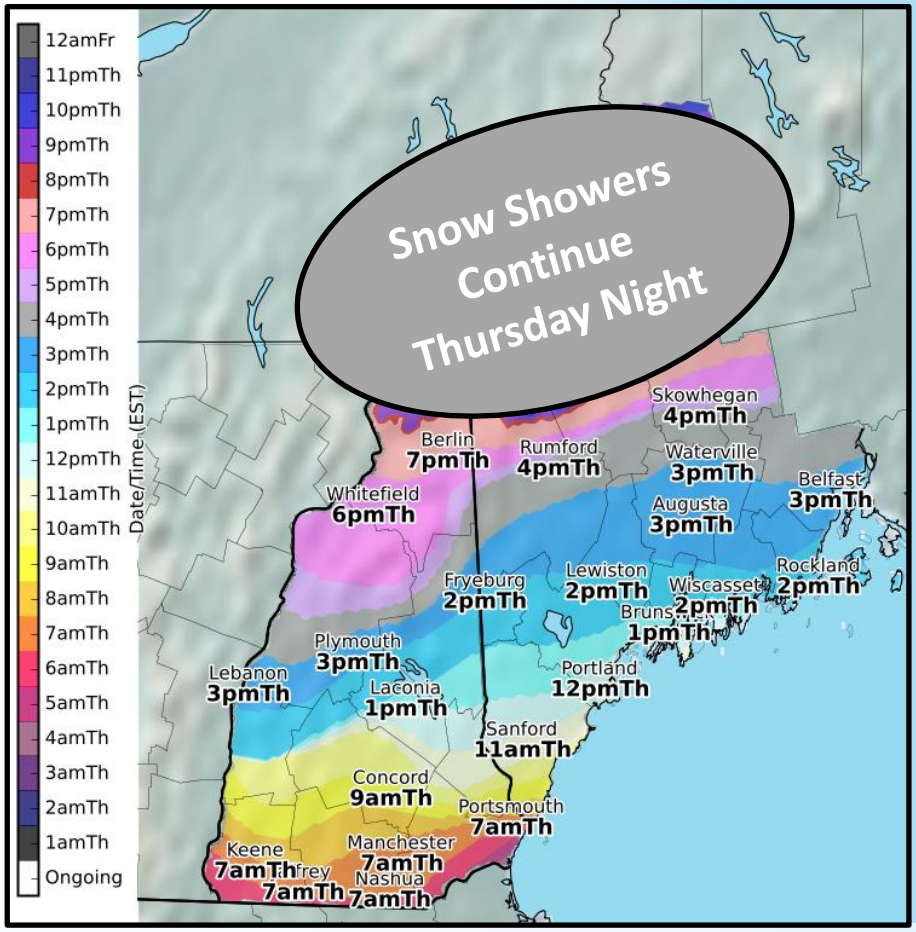


Snow Start / End Times

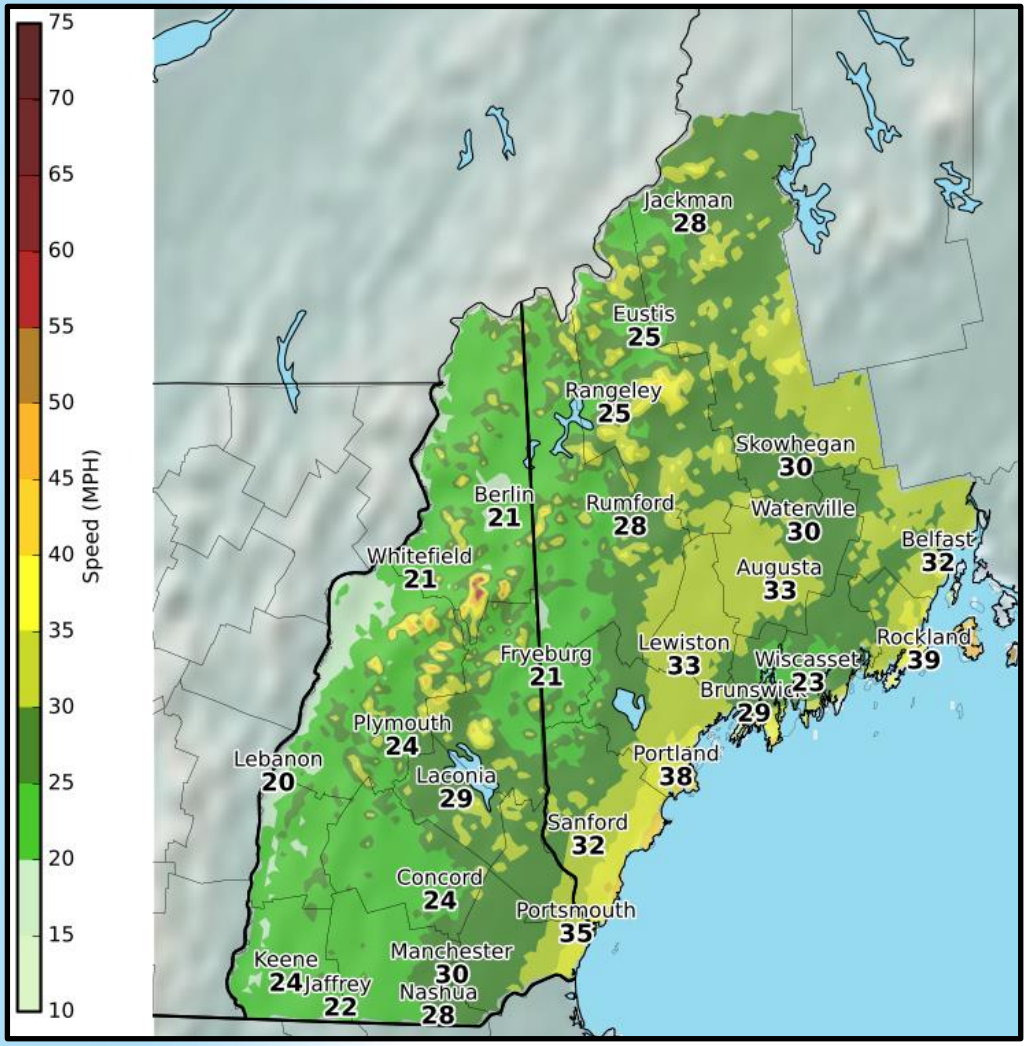
Start Time



End Time



Expected Maximum Wind Gusts Wednesday Night



Impacts and Timing

Some blowing/drifting

Near blizzard conditions possible along the immediate coast.

Combined with heavy wet snow, scattered power outages are possible

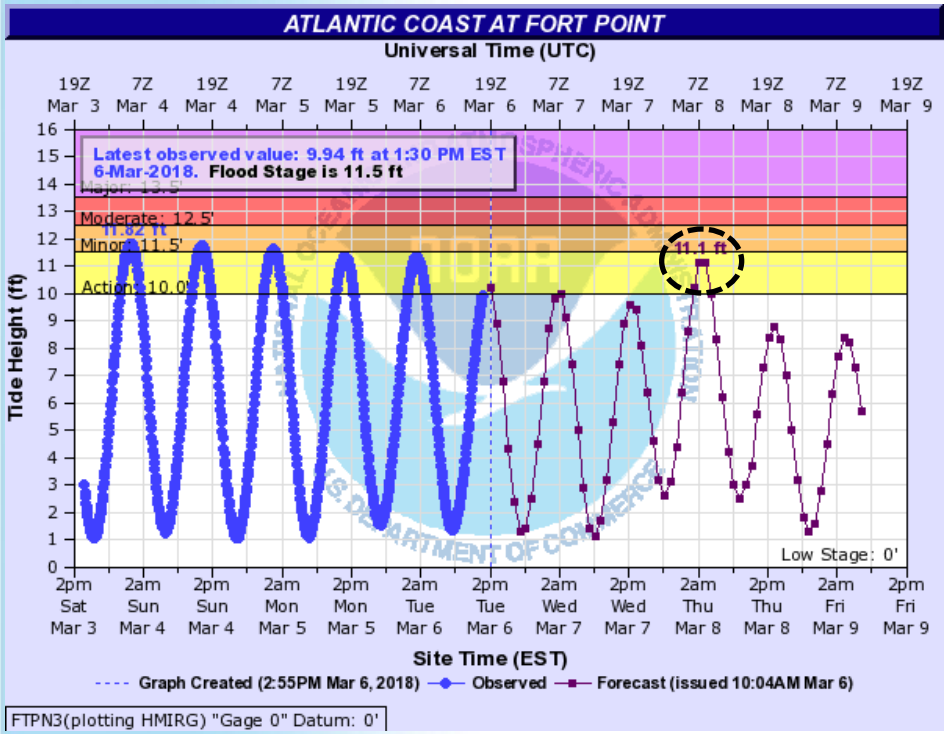
Coastal Impacts

	Portland, ME	Fort Point, NH
Time	3:31 AM Thursday	3:38 AM Thursday
Astronomical Tide	9.2 ft	8.8 ft
Storm Surge	Around 2 ft	Around 2 ft
Nearshore Waves	Around 15 ft	Around 15 ft
Impact	Beach erosion, splash-over, minor coastal flooding possible	Beach erosion, splash-over, minor coastal flooding possible

What to Expect

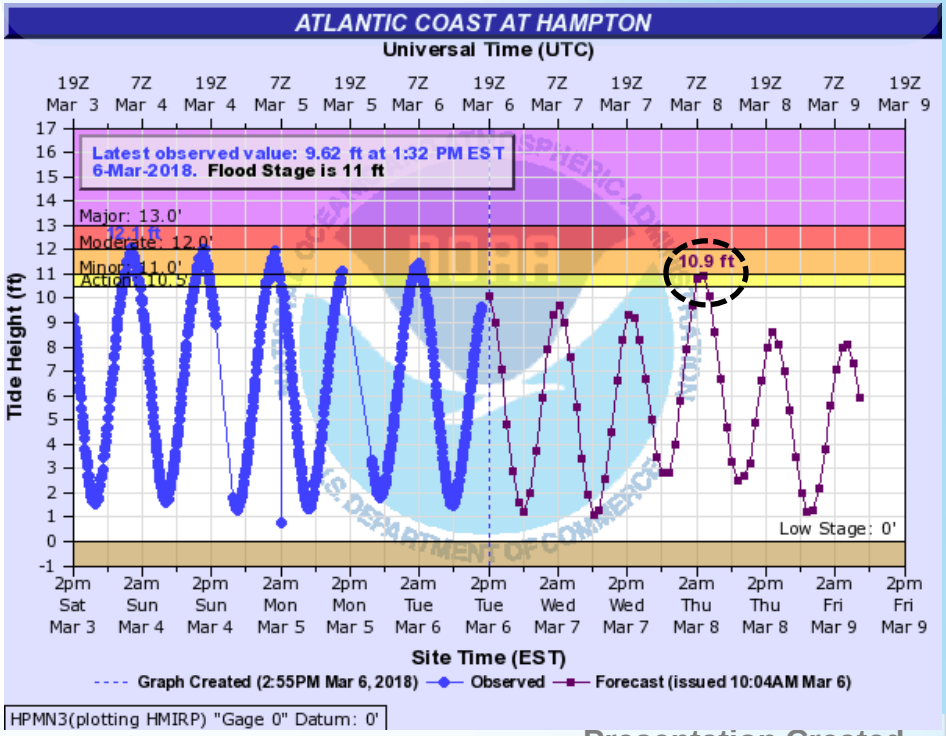
Given recent storm damage, additional impacts are possible with this storm despite lower astronomical tides

Coastal Impacts – New Hampshire

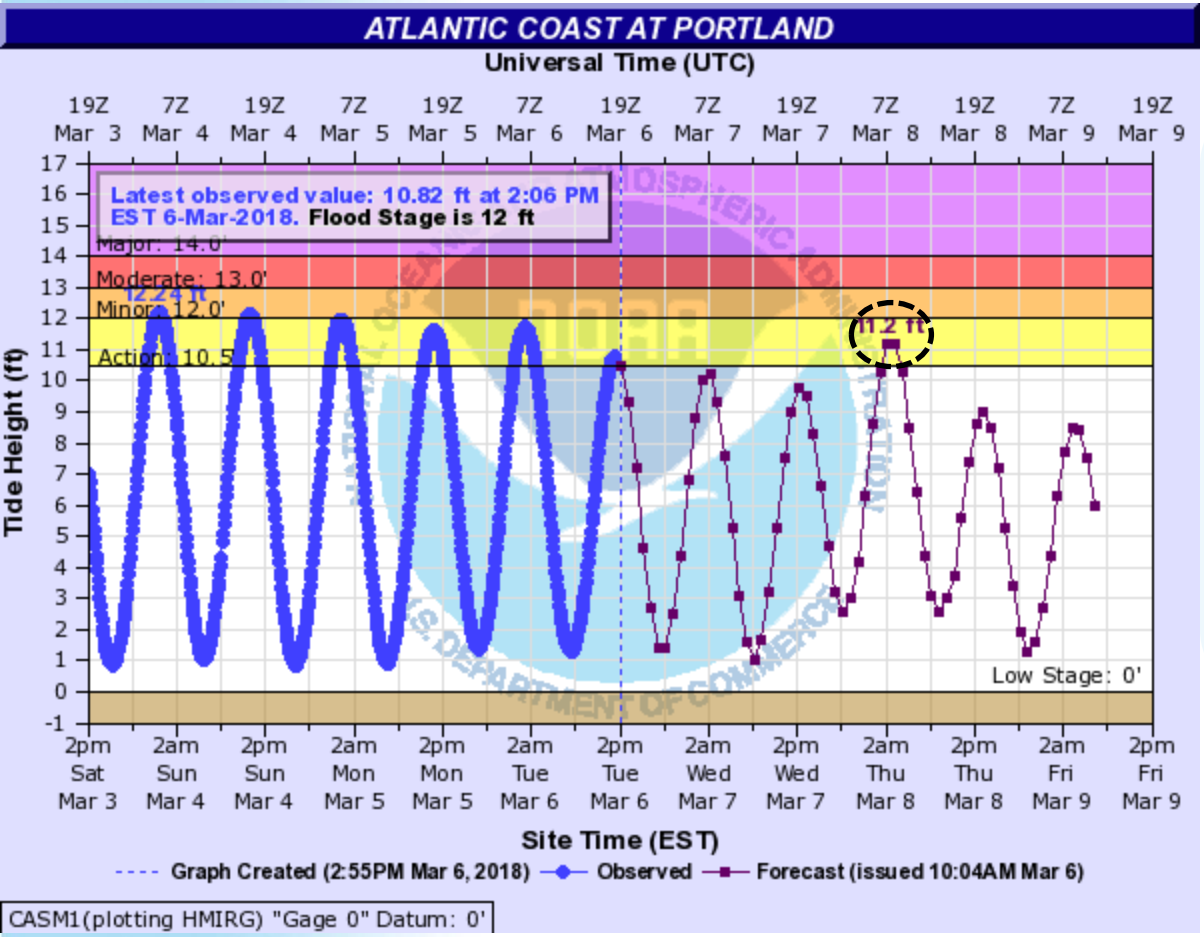


What to Expect

- ✓ Splash over
- ✓ Beach Erosion
- ✓ Minor Coastal Flooding
- ✓ Rocks on Roadways – Covered in Snow
- ✓ Impacts exacerbated by recent flood damage



Coastal Impacts – Maine



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- ✓ Rocks on Roadways – Covered in Snow
- ✓ Impacts exacerbated by recent flood damage

Event Summary

Heavy Snow Expected Wednesday Afternoon –Thursday Morning

- ✓ Confidence is **HIGH** that this event will occur and **HIGH** on expected impacts
- ✓ Period of greatest impact: Wednesday late afternoon through daybreak Thursday

Preliminary forecast: 12 to 18 inches of snow most areas. Snowfall rates 1-3” per hour possible late Wednesday afternoon and Wednesday night. Snow will be heavy & wet near the coast with a mix/changeover to rain possible.

Wind gusts over 40 mph are likely along the coast which may result in scattered power outages & near blizzard conditions

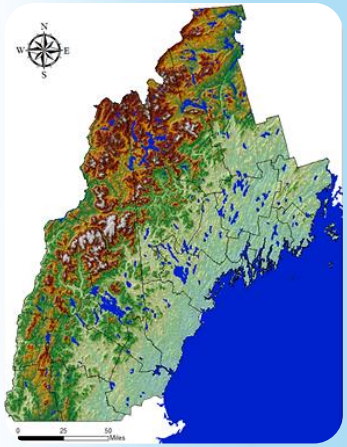
Splash-over/beach erosion and minor coastal flooding possible with the early Thursday morning high tide

Contact and Next Briefing Information

Next Briefing

When: *By 9 am on 3/7/2018*
Method: *E-mail*

Briefing Webpage:
http://www.weather.gov/gyx/EMhome



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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 9 AM March 7th*