

Major Winter Storm

Decision Support Briefing # 2
As of: 8 AM Monday, March 13th



Watch, Warning and Advisory
Valid: 03/14/2017 11:00 AM - 03/15/2017 02:00 AM EDT








Gray, ME
County Warning Area

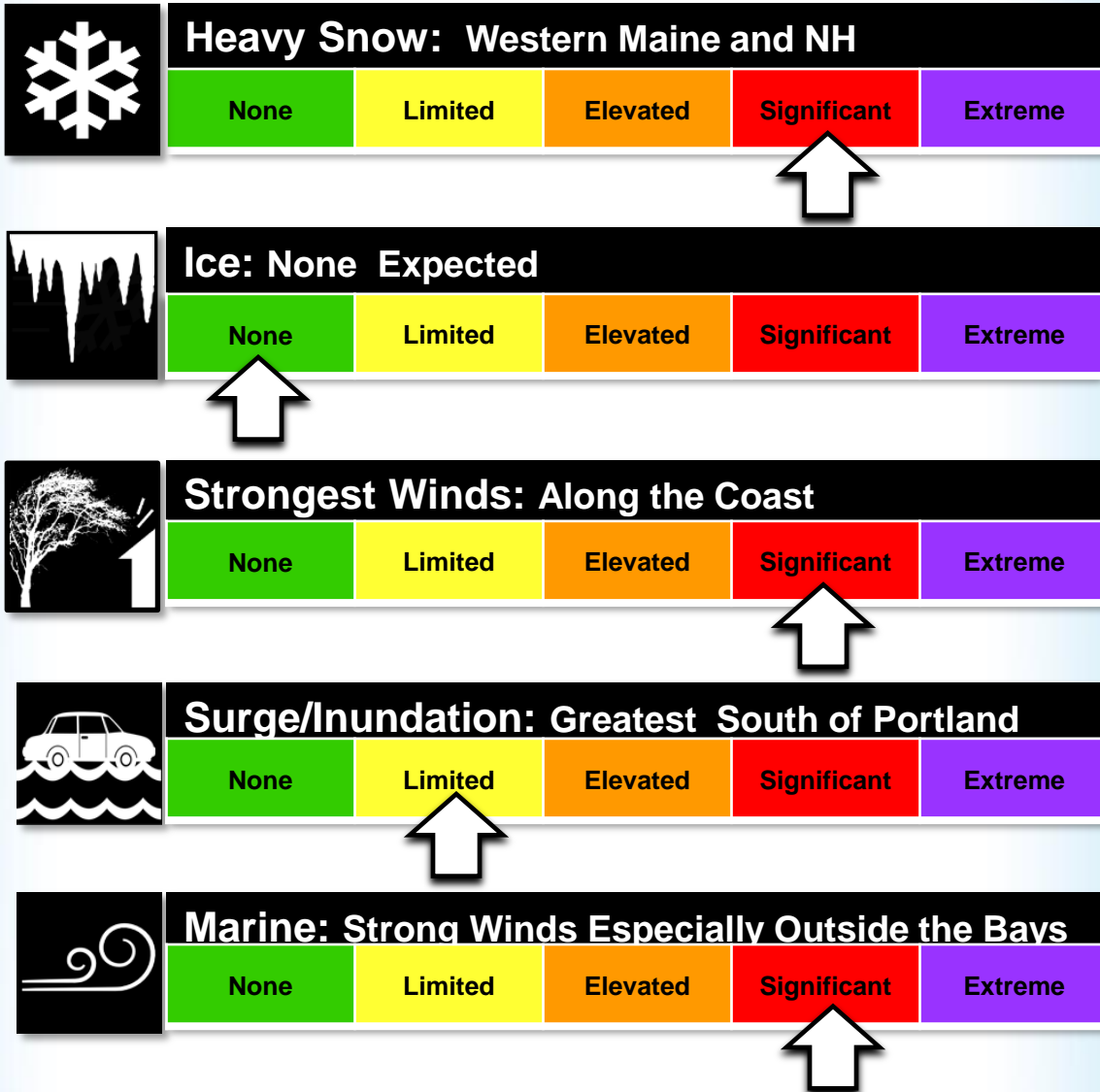
What Has Changed?

- ✓ Winter storm warnings issued
- ✓ Storm and Gale Warnings issued
- ✓ Snowfall amounts increased in mountains

Main Points

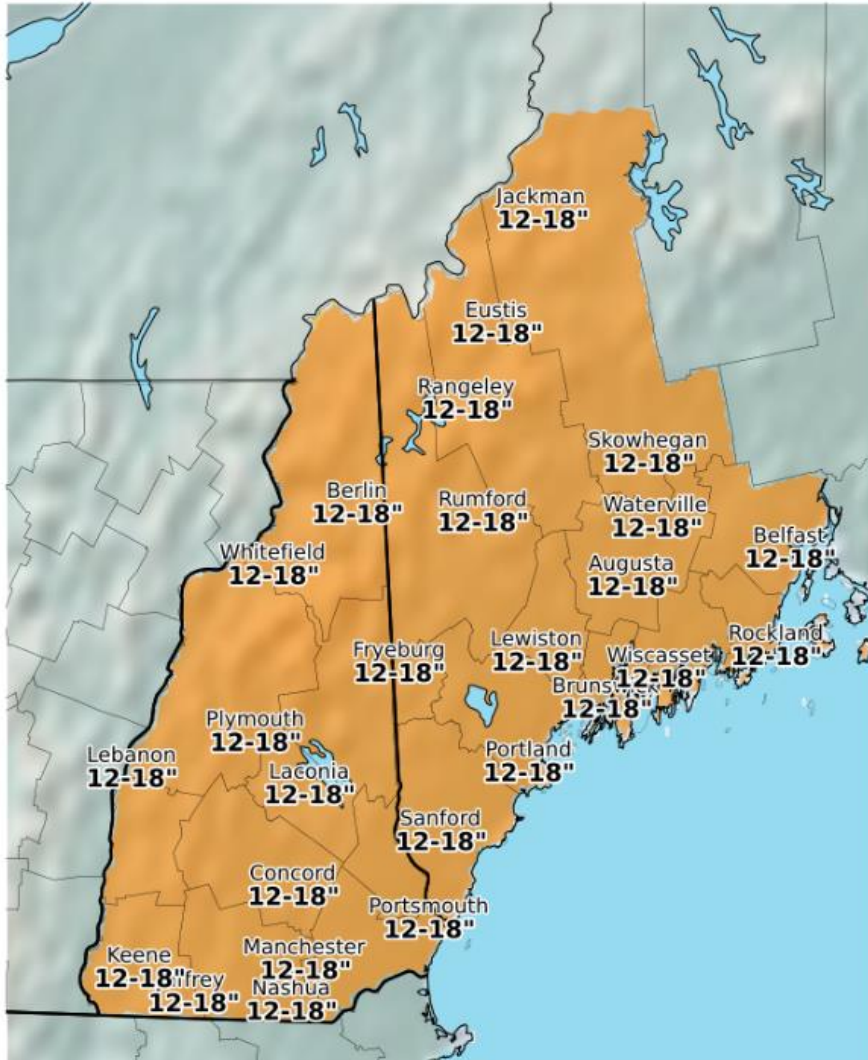
Hazard	Impacts	Location	Timing
Snow 	12 to 18 inches of dry snow 1-4 inches per hour possible Tuesday afternoon/evening	All of New Hampshire and Western Maine	Tuesday into Tuesday night (heaviest Tuesday afternoon and evening)
Ice 	Significant icing is NOT expected	Significant icing is NOT expected	Significant icing is NOT expected
Wind 	Gusts of 30-40 mph may create blizzard conditions Tuesday afternoon/evening along and near the coast. Power outages are possible	All of New Hampshire and Western Maine, but strongest along the coast	Strongest wind gusts Tuesday afternoon and Tuesday night
Storm Surge/ Inundation 	Splash-over, beach erosion, and minor coastal flooding possible	New Hampshire Seacoast and SW Maine	Tuesday afternoon high tide
Marine 	Storm force winds likely outer waters. Gales likely in the bays	All Coastal Waters Strongest gusts outside the bays	Tuesday afternoon into Tuesday night

Summary of Greatest Impacts



Storm Total Snow

Valid: 03/14/2017 02:00 AM - 03/15/2017 08:00 PM EDT



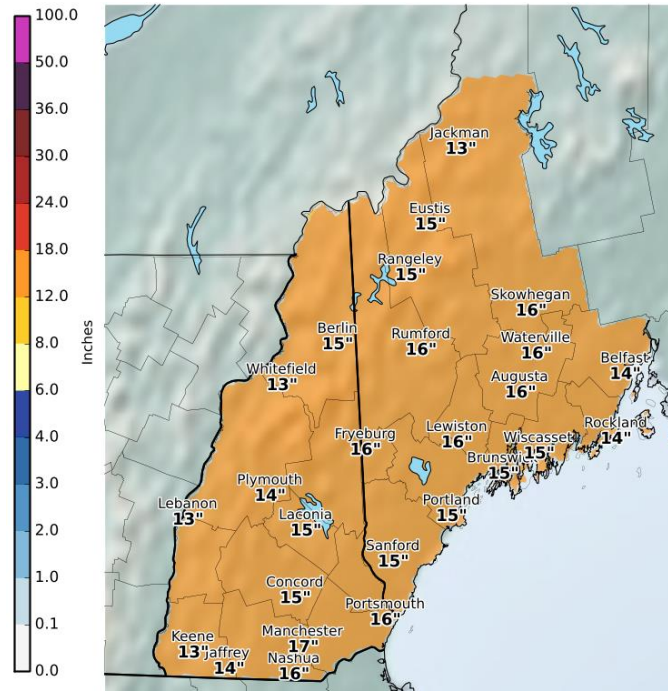
Storm Confidence:

- ✓ Confidence continues to increase for a high impact winter storm
- ✓ Find the most up to date snowfall map, click [here](#)

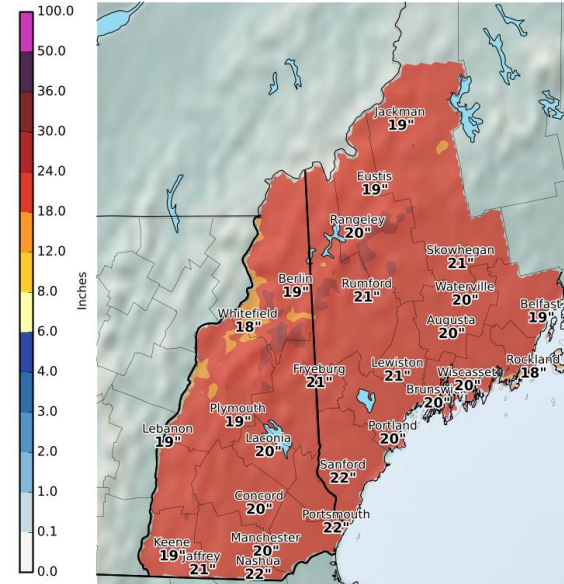
Impacts ↑	Extreme			
	Significant			✘
	Elevated			
	Limited			
	None			
		Low	Moderate	High
		Confidence →		

Probabilistic Snowfall Forecast

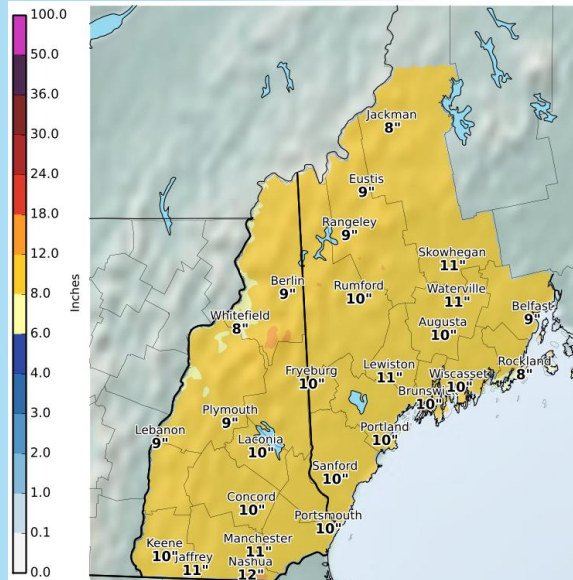
Most Likely



Potential for this much



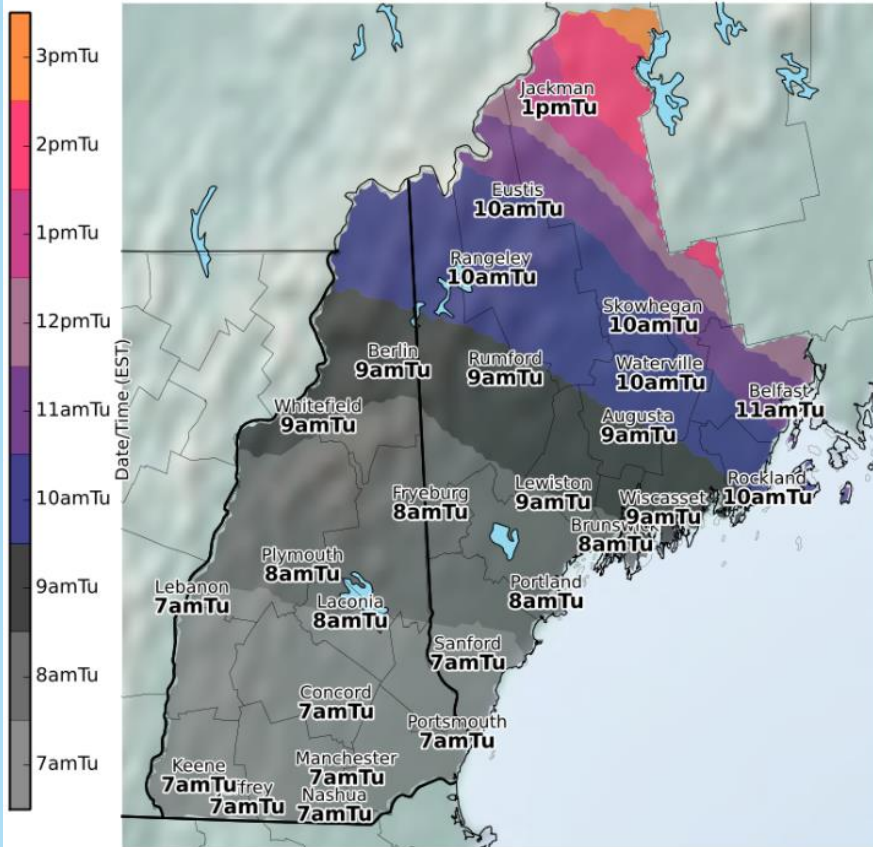
Expect at least this much



Snow Starting & Ending Times

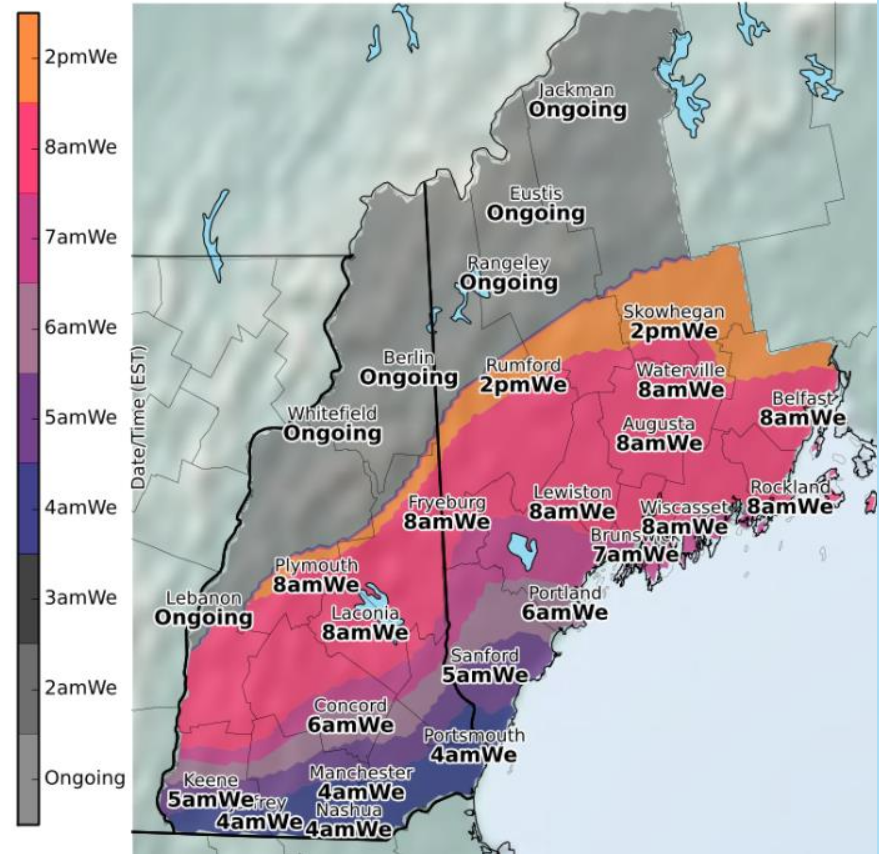
Precipitation Onset Time

Valid: 03/14/2017 02:00 AM - 03/15/2017 08:00 AM EDT



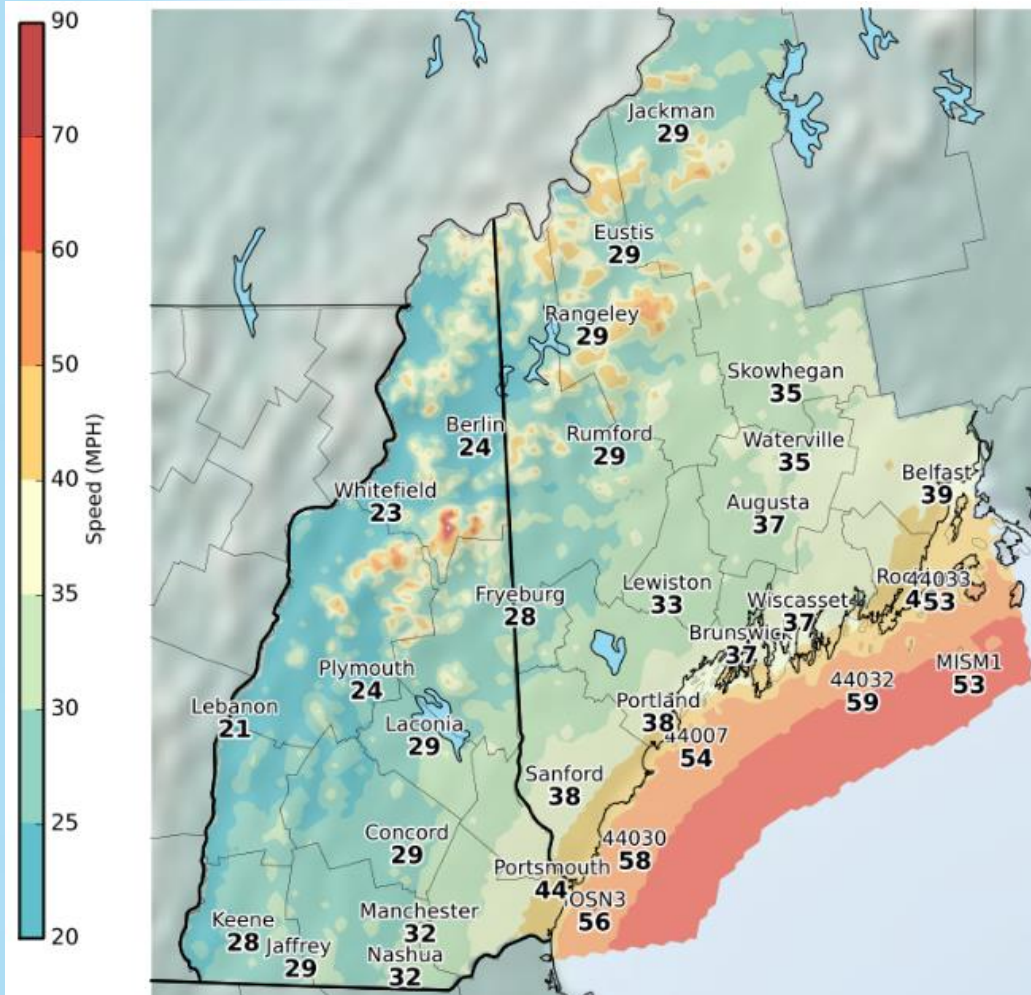
Precipitation Ending Time

Valid: 03/14/2017 02:00 AM - 03/15/2017 08:00 PM EDT



Note: Heaviest snow ends by 8 am Wednesday all areas. Ongoing snow showers will persist in the mountains and foothills Wednesday.

Maximum Wind Gust Tuesday through Tuesday night



Impacts and Timing:

- ✓ Tuesday afternoon and Tuesday night
- ✓ Blowing/Drifting Snow with near blizzard conditions along and inland from the coast.
- ✓ Downed branches may lead to power outages

Coastal Impacts Monday




	Portland, ME	Hampton, NH
Time	1:18 PM Tuesday	1:32 PM Tuesday
Astronomical Tide	10.0 ft	9.1 ft
Storm Surge	Around 1 ft	Around 1.5 ft
Nearshore Waves	Near 12 ft	Near 12 ft
Impact	Beach erosion, splash-over and minor coastal flooding possible	Beach erosion, splash-over and minor coastal flooding possible

What to Expect:

- ✓ Building nearshore waves will allow for beach erosion, splash-over and possibly minor coastal flooding around the time of high tide Tuesday

Event Summary

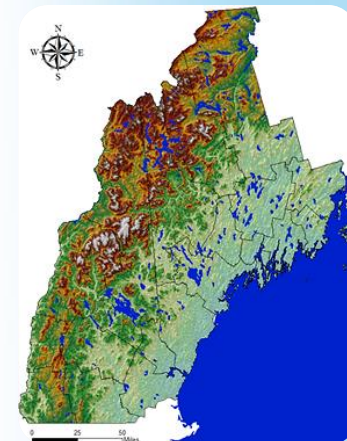
Major Winter Storm likely Tuesday- Wednesday. Blizzard conditions possible

- ✓ Confidence is **HIGH** that this event will occur and **MODERATE - HIGH** on expected impacts
- ✓ Period of greatest impact: Tuesday afternoon/Tuesday night
 -  The potential exists for 12 to 18 inches of snow
 -  Very strong northeast winds may cause possible blizzard conditions
 -  Storm force gusts over the outer waters with some splash-over and coastal erosion possible


Contact and Next Briefing Information





Next Briefing
When: By 5 pm on 3/13/2017
Method: E-mail





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Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 5 PM March 13th*