

# Significant Late Winter Storm

March 22, 2024  
1:08 PM

For New Hampshire and Western Maine

## Decision Support Briefing #2

→ As of March 22, 2024 3:00 PM

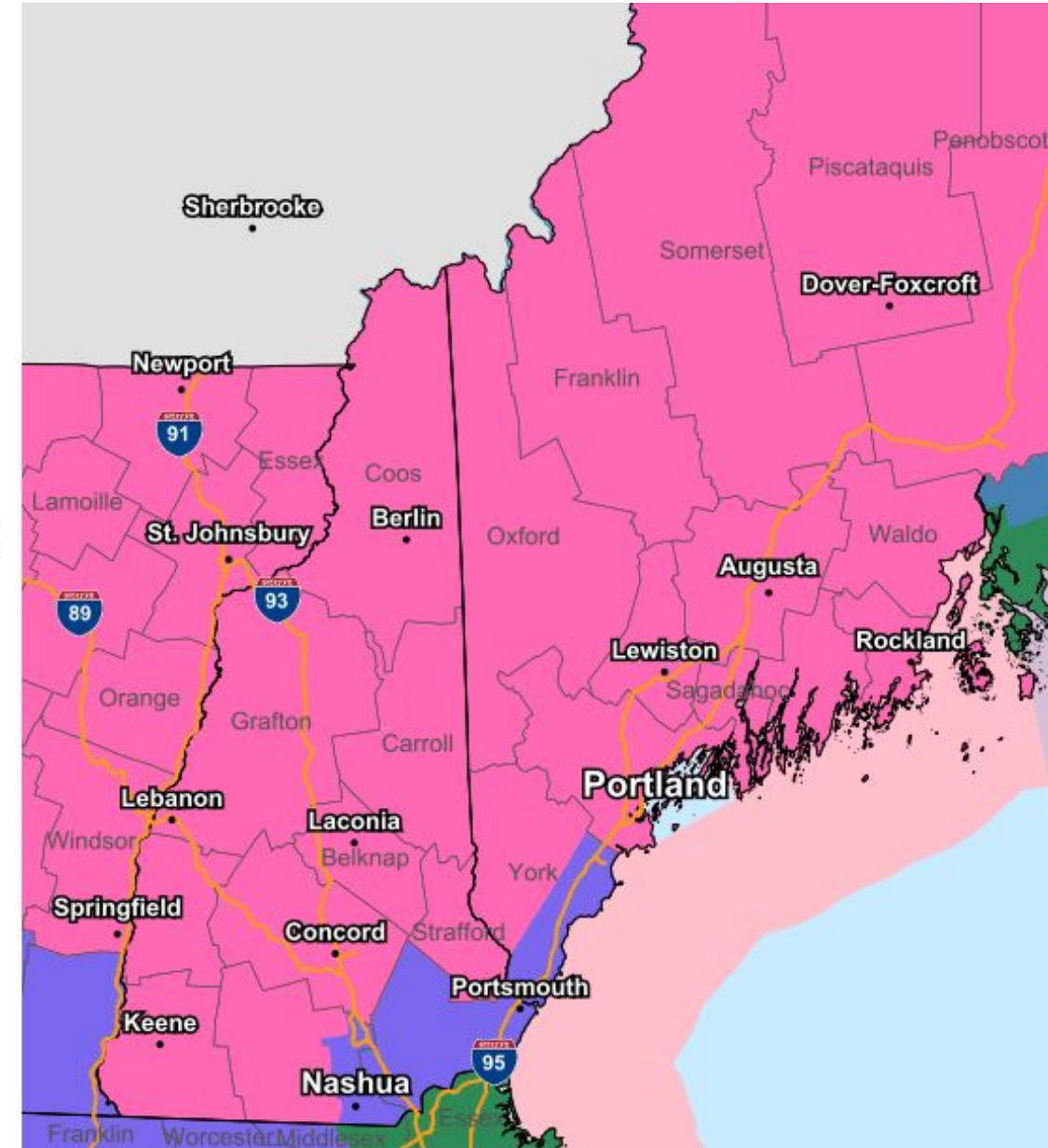
**NEW**

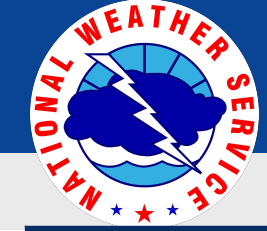
### Important Updates

- Flood Watch Canceled for Strafford County and Coastal areas from Portland northward
- Winter Storm Warnings expanded southward for heavy snow, sleet, and freezing rain
- Winter Weather Advisories issued for Coastal York County and SE New Hampshire
- Guidance has continued to trend colder with snow amounts increasing and the potential for more ice across Central New Hampshire and Coastal Interior of Maine.
- Coastal flooding is not expected for this event
- Avalanche Watch issued for the White Mountains

- Winter Storm Warning
- Winter Weather Advisory
- Small Craft Advisory
- Winter Storm Watch
- Flood Watch
- Gale Watch

Graphic Created  
March 22nd, 2024  
2:55 PM EDT



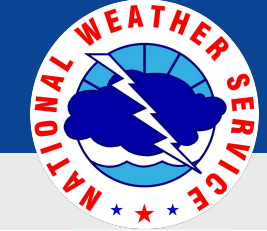


# Main Points

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Hazard	Impacts	Location	Timing	Confidence
<b>Snow</b>	Heavy snow will cause hazardous driving conditions. Travel should be rerouted or delayed if possible.	Mountains and Foothills	Saturday	75% - High
<b>Mixed Precipitation</b>	Mixed precipitation will cause hazardous travel conditions due to slippery roads. Travel is not advised.	Interior	Saturday	75% - High
<b>Ice</b>	Ice accumulation will make for dangerous travel. Ice accumulation on weighted down tree limbs will lead to possible scattered power outages.	Interior	Saturday	50% - Moderate
<b>Flooding</b>	Heavy rain and snow melt will lead to areas of flooding with many road closures and minor property damage possible.	Coast	Saturday - Saturday Night	25% - Low
<b>Wind</b>	Fallen tree limbs and a few uprooted trees are likely. Scattered power outages are possible.	New Hampshire & Western Maine	Saturday Night - Sunday	75% - High





# Summary of Greatest Impacts

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Snow: Mountains and Foothills					Confidence
None	Limited	Elevated	Significant	Extreme	75% - High



Mixed Precipitation: Coastal Interior					Confidence
None	Limited	Elevated	Significant	Extreme	50% - Moderate



Ice: Coastal Interior to the Coast					Confidence
None	Limited	Elevated	Significant	Extreme	25% - Low

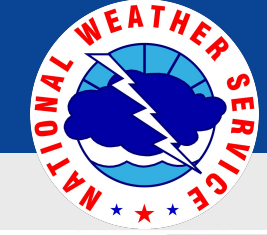


Flooding: Limited Coastal Areas					Confidence
None	Limited	Elevated	Significant	Extreme	50% - Moderate



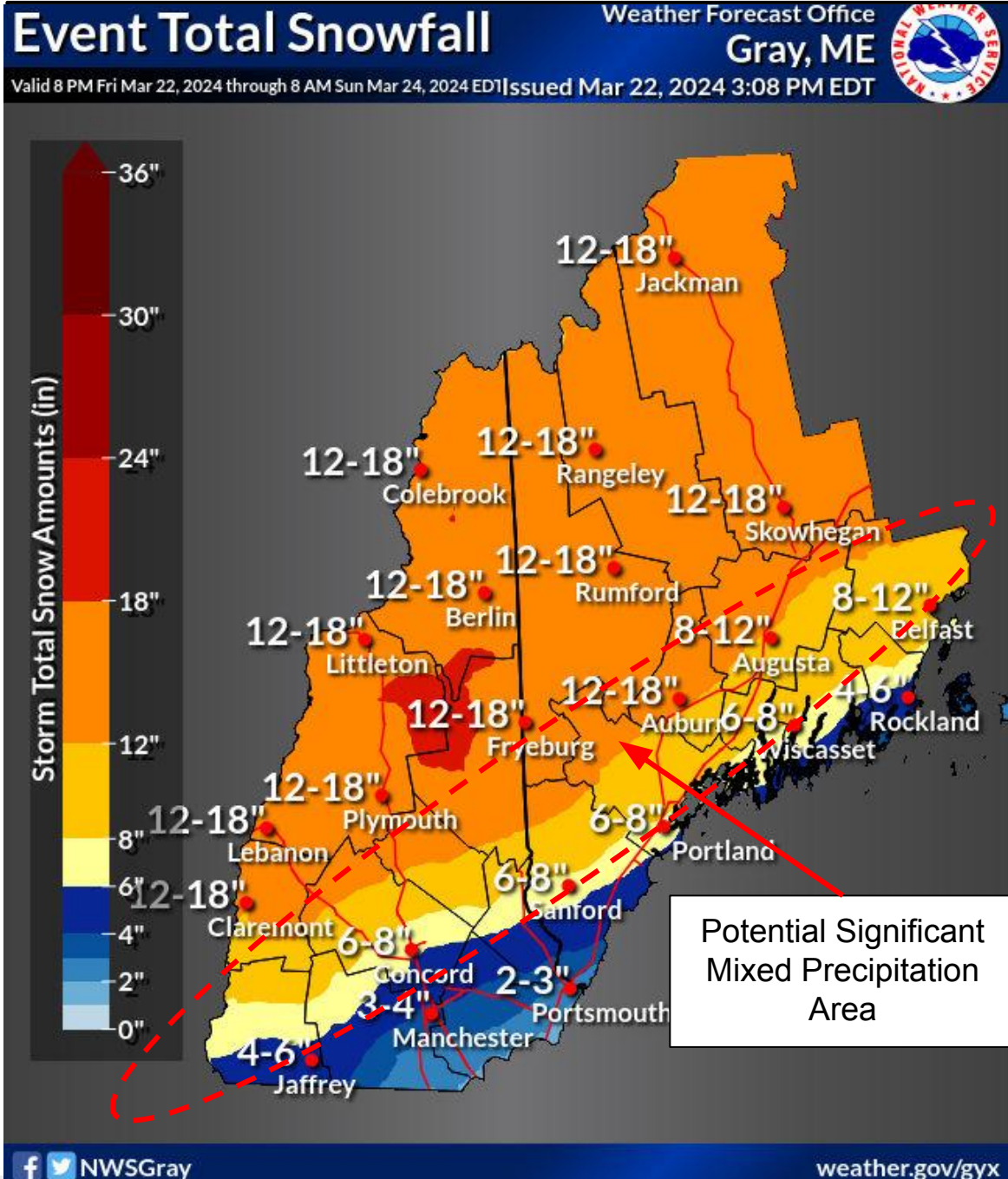
Wind: New Hampshire & Western Maine					Confidence
None	Limited	Elevated	Significant	Extreme	75% - High





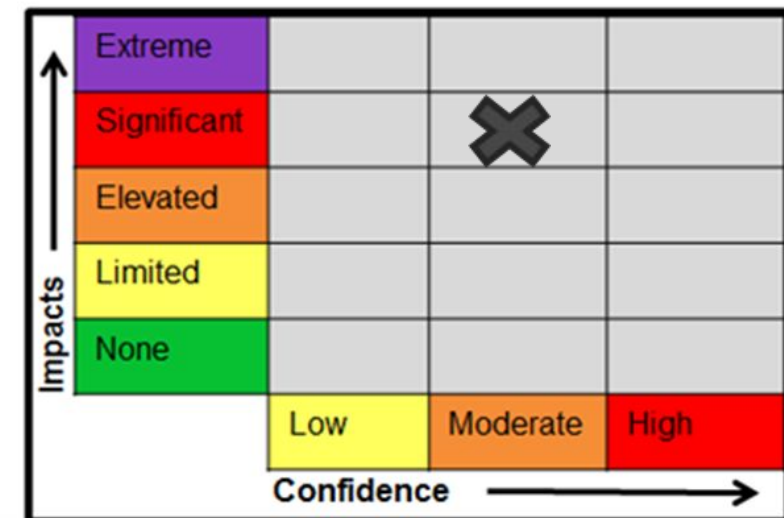
# Storm Total Snow

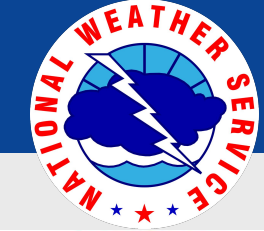
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## Key Messages

- Potential heaviest snowstorm for the season in the mountains
- Amounts have increased farther south as the system has trended colder.
- Significant mixed precipitation is possible along and south of the foothills.
- For the most up to date snowfall map visit [www.weather.gov/gyx/winter](http://www.weather.gov/gyx/winter)

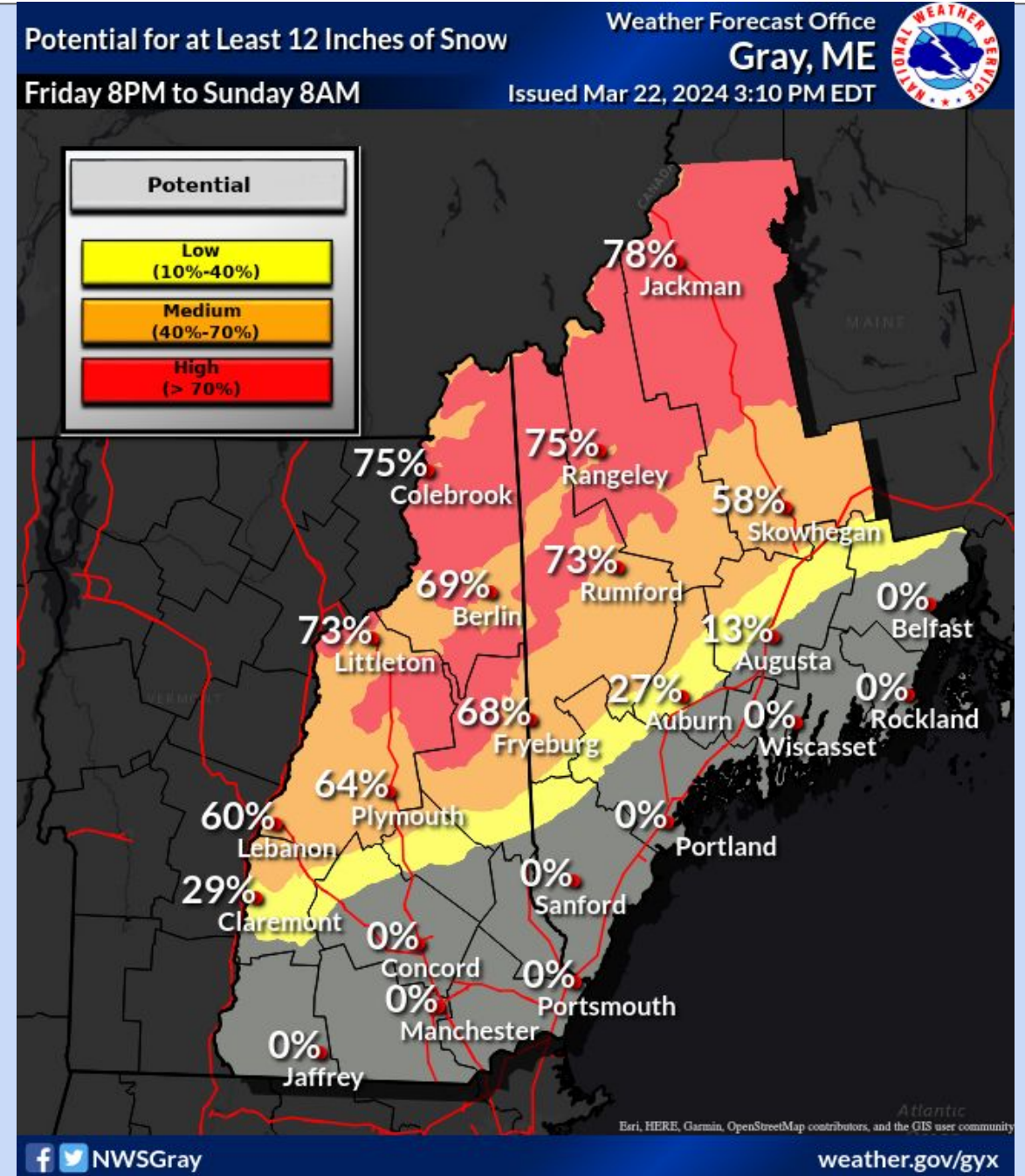
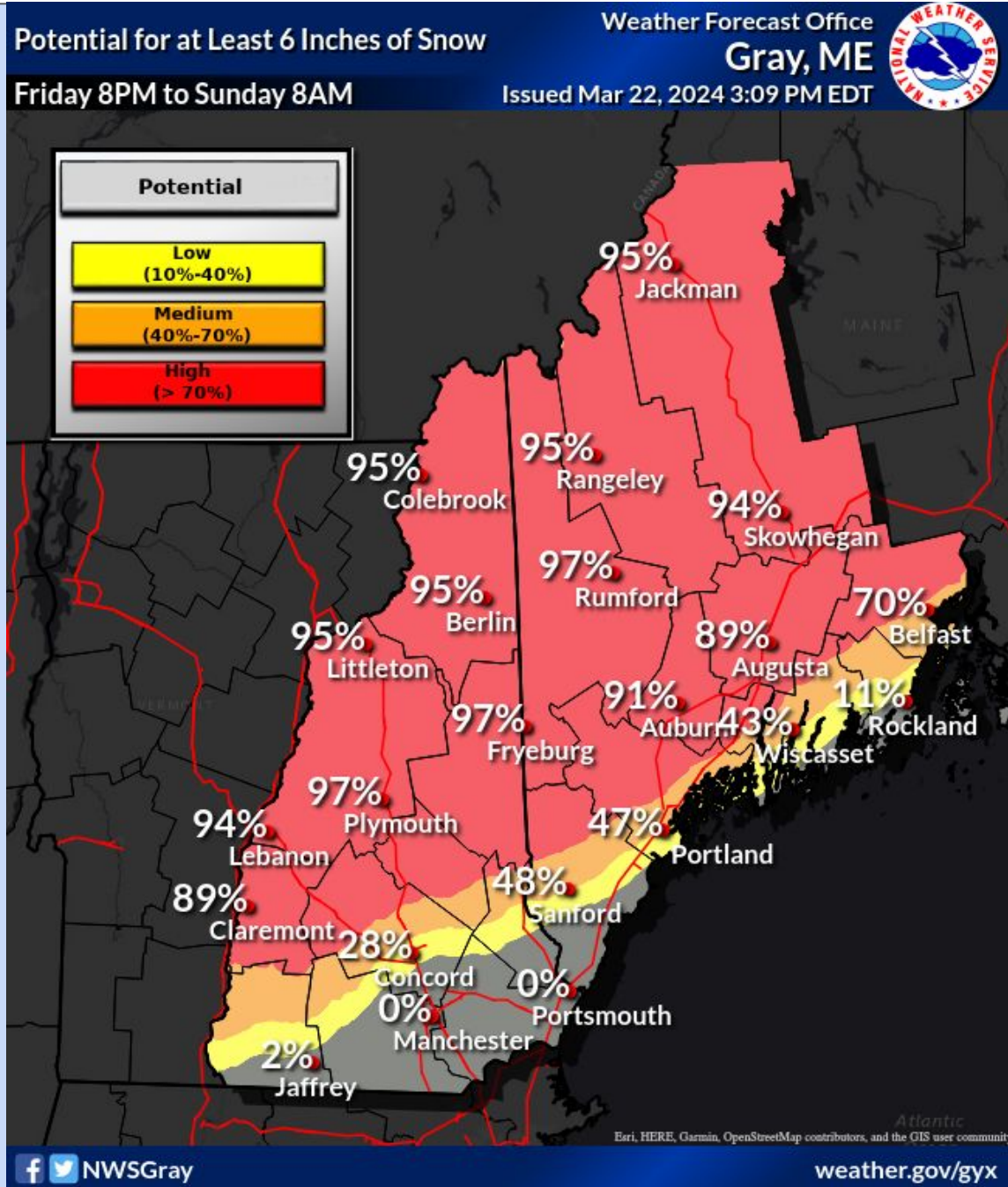


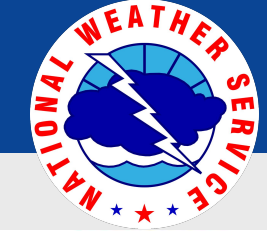


# Snow Probabilities

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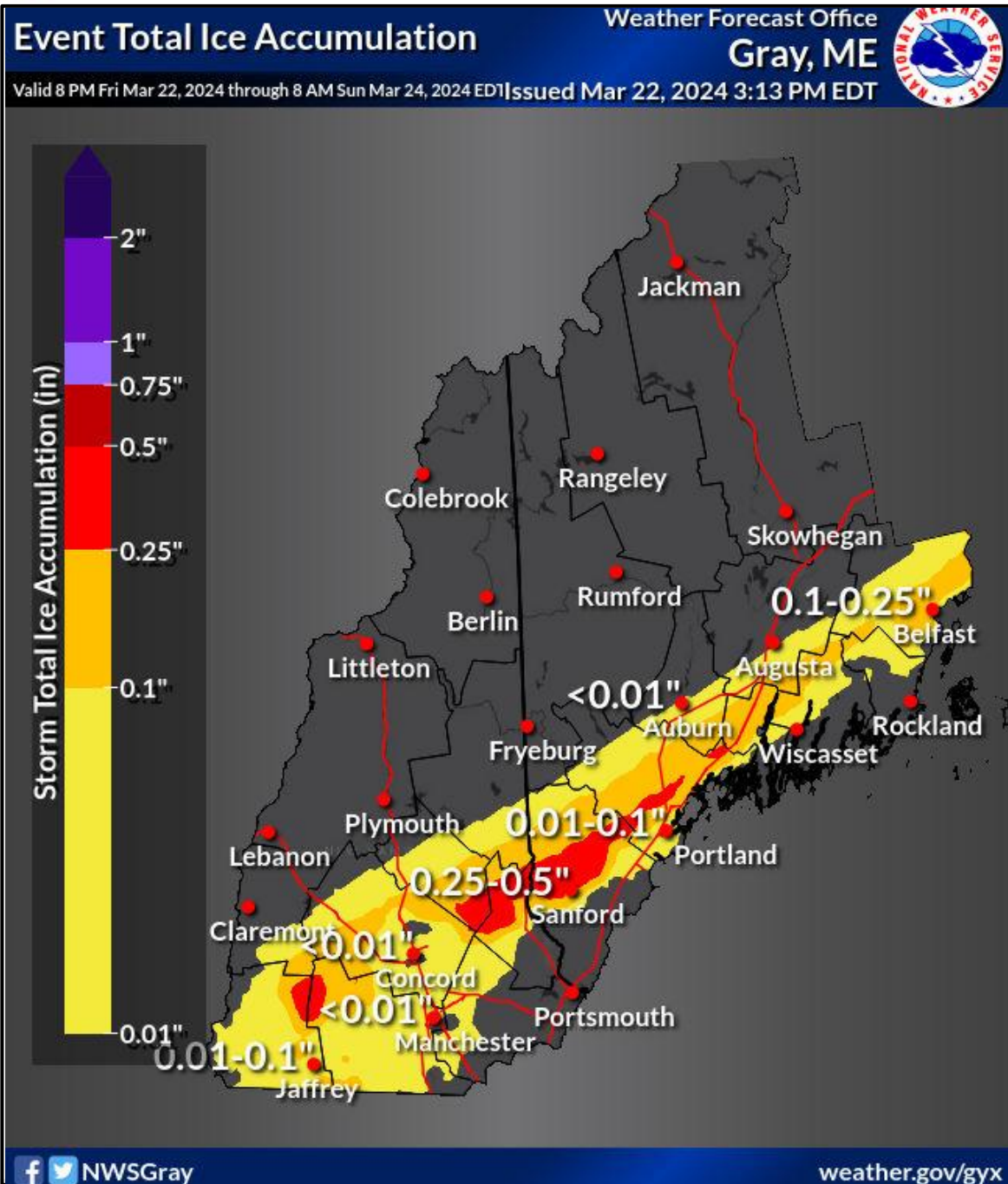
## Confidence of Receiving Certain Snowfall Amounts





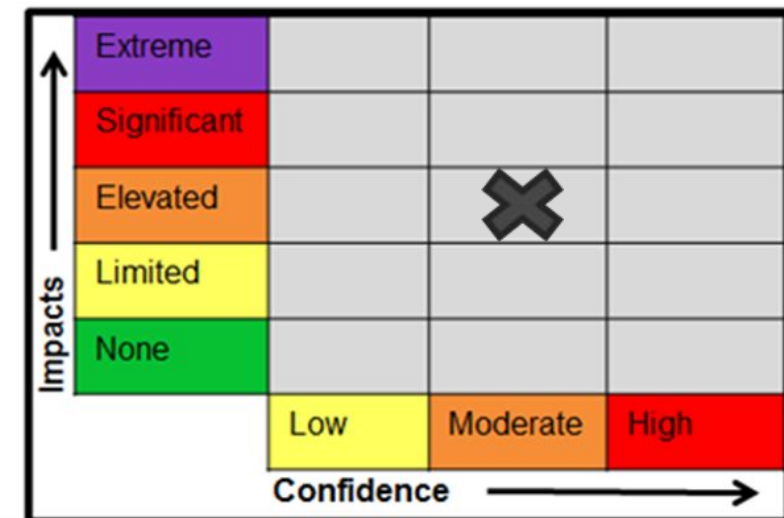
# Storm Total Ice

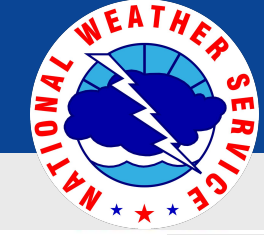
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## Key Messages

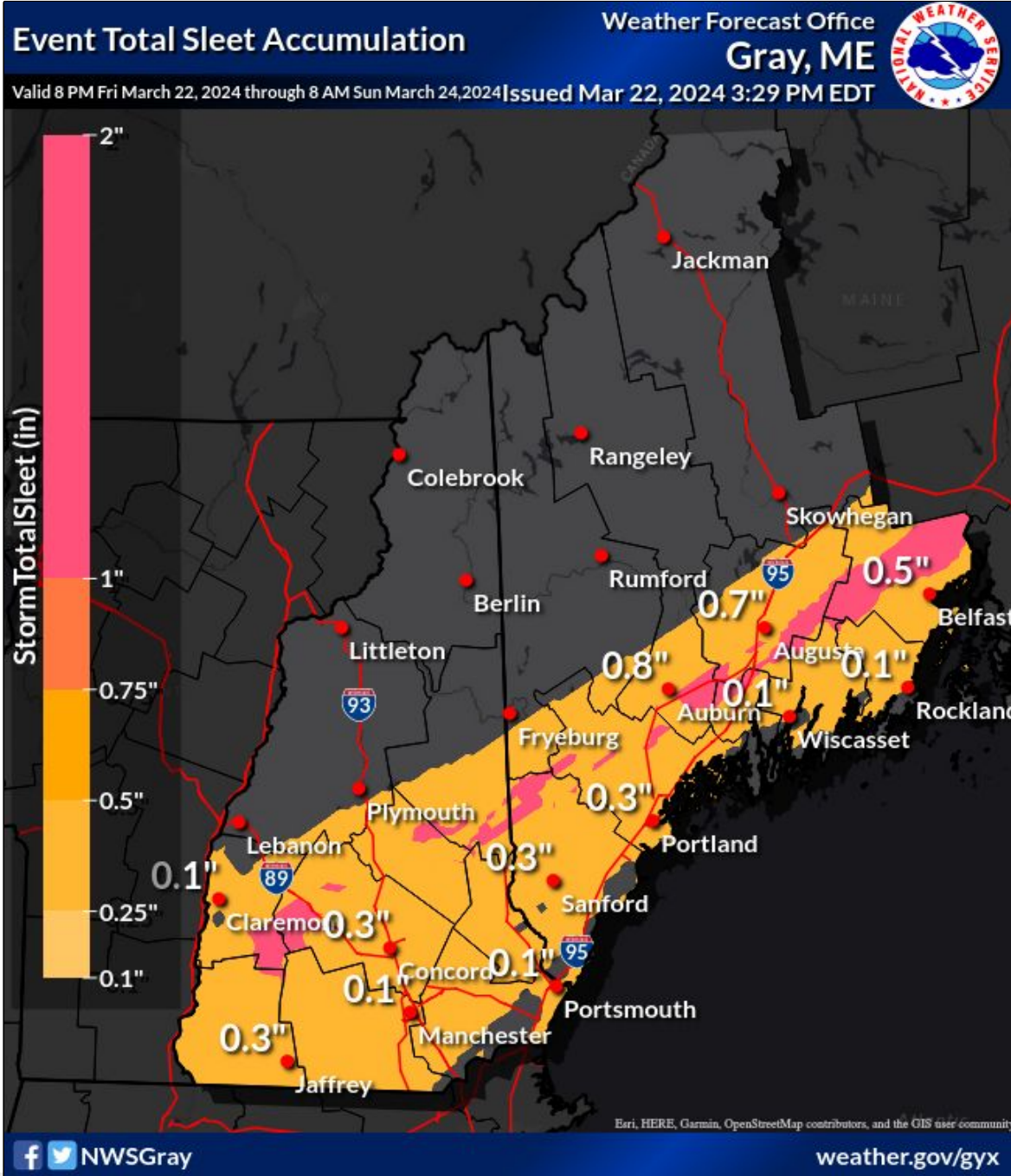
- A corridor of freezing rain is expected tomorrow.
- This will be a snow to sleet to freezing rain event with no freezing rain on bare pavement expected.
- Winds will increase after the freezing rain has ended.
- Biggest travel impact is expected Saturday afternoon.
- For the most up to date ice map visit [www.weather.gov/gyx/winter](http://www.weather.gov/gyx/winter)





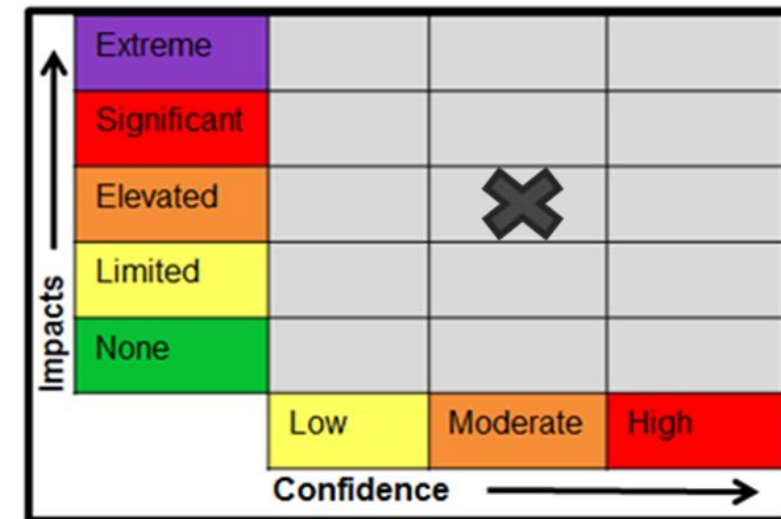
# Storm Total Sleet

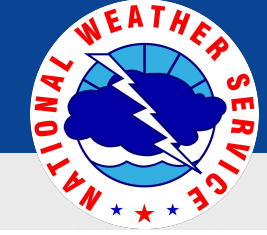
March 22, 2024  
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## Key Messages

- A corridor of sleet is expected tomorrow.
- This will be a snow to sleet event.
- Sleet amounts up to 1" are possible.
- Biggest travel impact is expected Saturday afternoon.
- For the most up to date ice map visit [www.weather.gov/gyx/winter](http://www.weather.gov/gyx/winter)





# Precipitation Type

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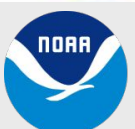
	3/23 Sat								3/24 Sun				
	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm
Augusta	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Belfast		☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Berlin	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄			
Boothbay Harbor	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Concord	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Farmington	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Fryeburg	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Jackman	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Keene	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Laconia	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Lebanon	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Lewiston	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Littleton	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Manchester	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Nashua	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Portland	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Portsmouth	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Rangeley	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Rochester	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		
Waterville	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄	☄		

## Key Messages

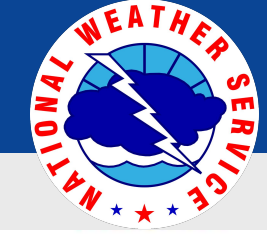
- All areas will start as snow tonight into tomorrow morning.
- Messy day expected tomorrow with mixed precipitation for most cities.
- Period of rain still expected for coastal areas.

Created: 1 pm EDT Fri 3/22/2024. Shows most impactful weather for the period beginning at the time shown. Weather symbols display where Probability of Precipitation ≥ 0%.

- Rain +
- Fz Rain +
- Wintry Mix +
- Snow +



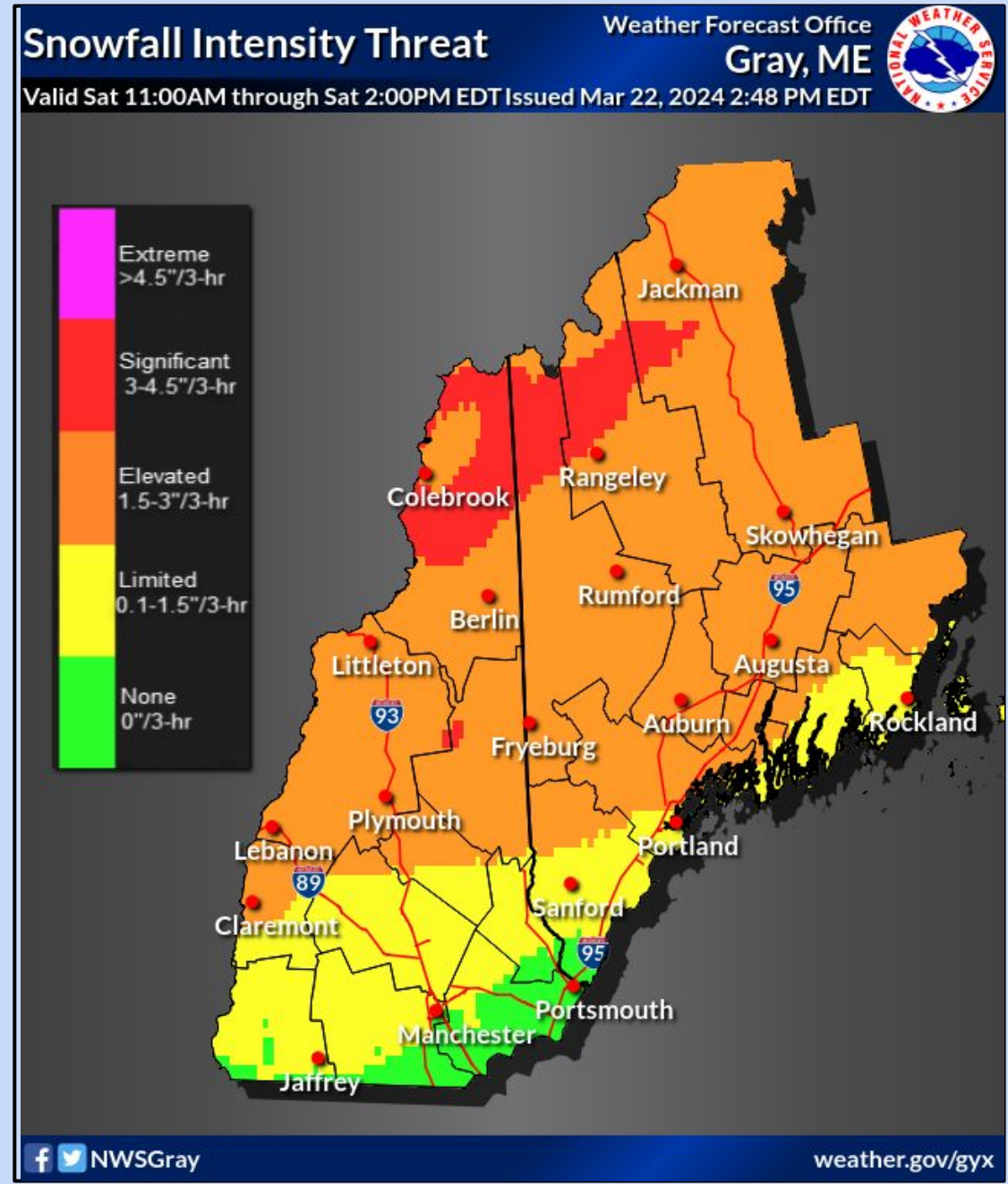
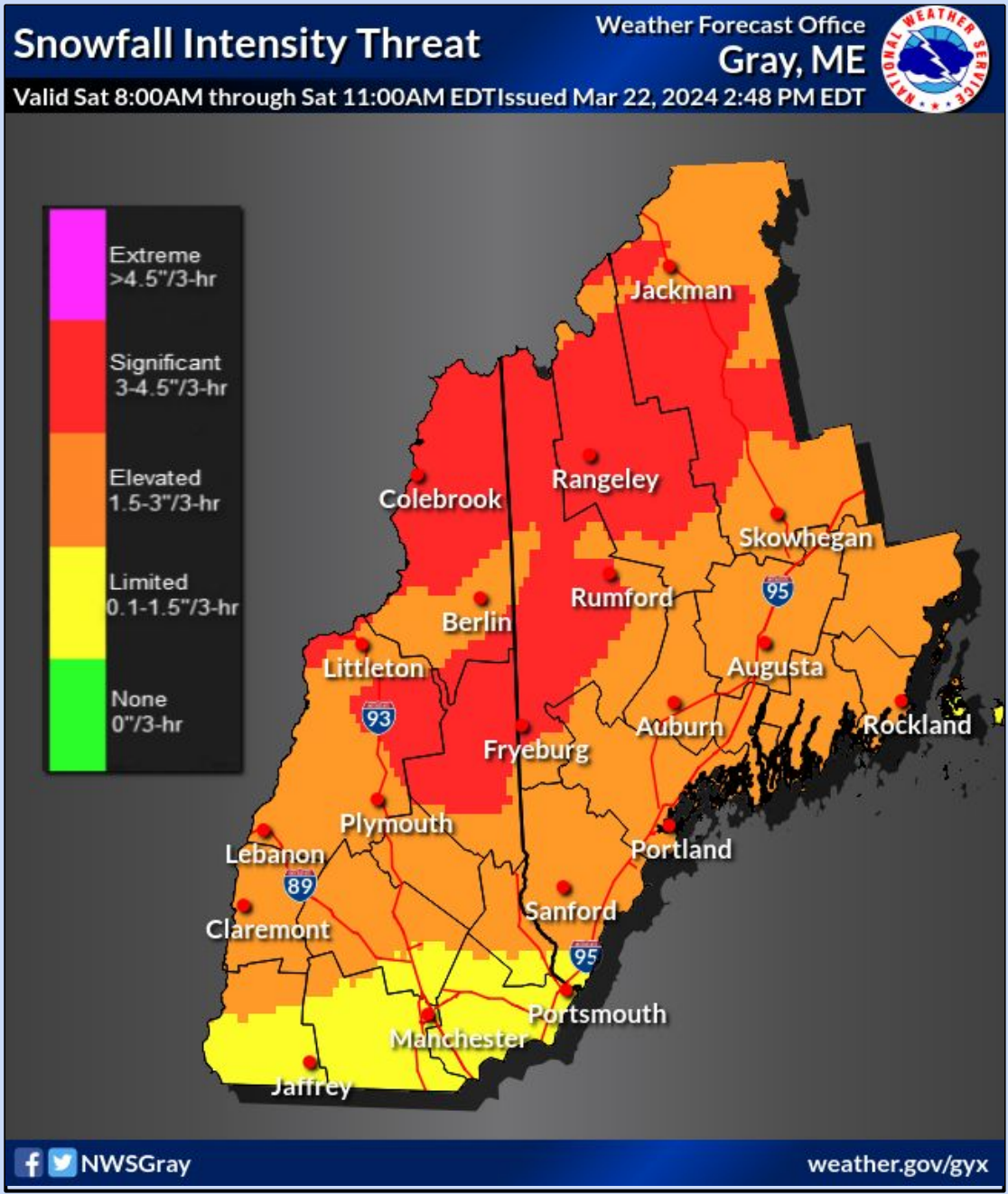


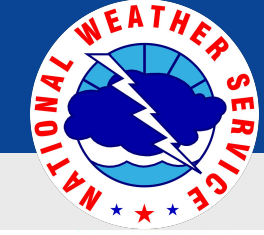


# Snowfall Intensity Graphics

March 22, 2024  
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For Latest Graphics Visit: <https://www.weather.gov/gyx/winter#tab-15>





# Starting and Ending Time

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## Starting Time

### Winter Precipitation Onset Time

Weather Forecast Office  
Gray, ME

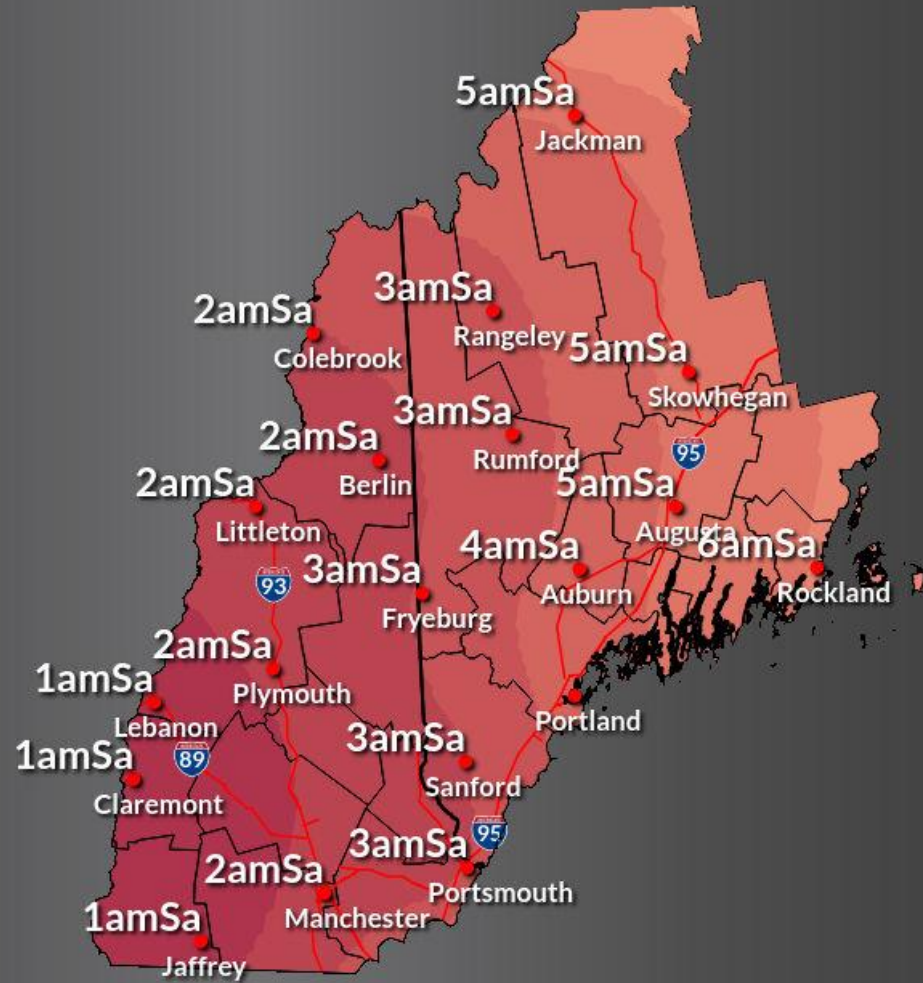


Valid 10 PM Fri Mar 22, 2024 through 2 PM Sat Mar 23, 2024 EDT

Issued Mar 22, 2024 3:15 PM EDT

#### Precipitation Onset Time

- 1amSa
- 2amSa
- 3amSa
- 4amSa
- 5amSa
- 6amSa
- 7amSa



f NWSGray

weather.gov/gyx

## Ending Time

### Winter Precipitation End Time

Weather Forecast Office  
Gray, ME

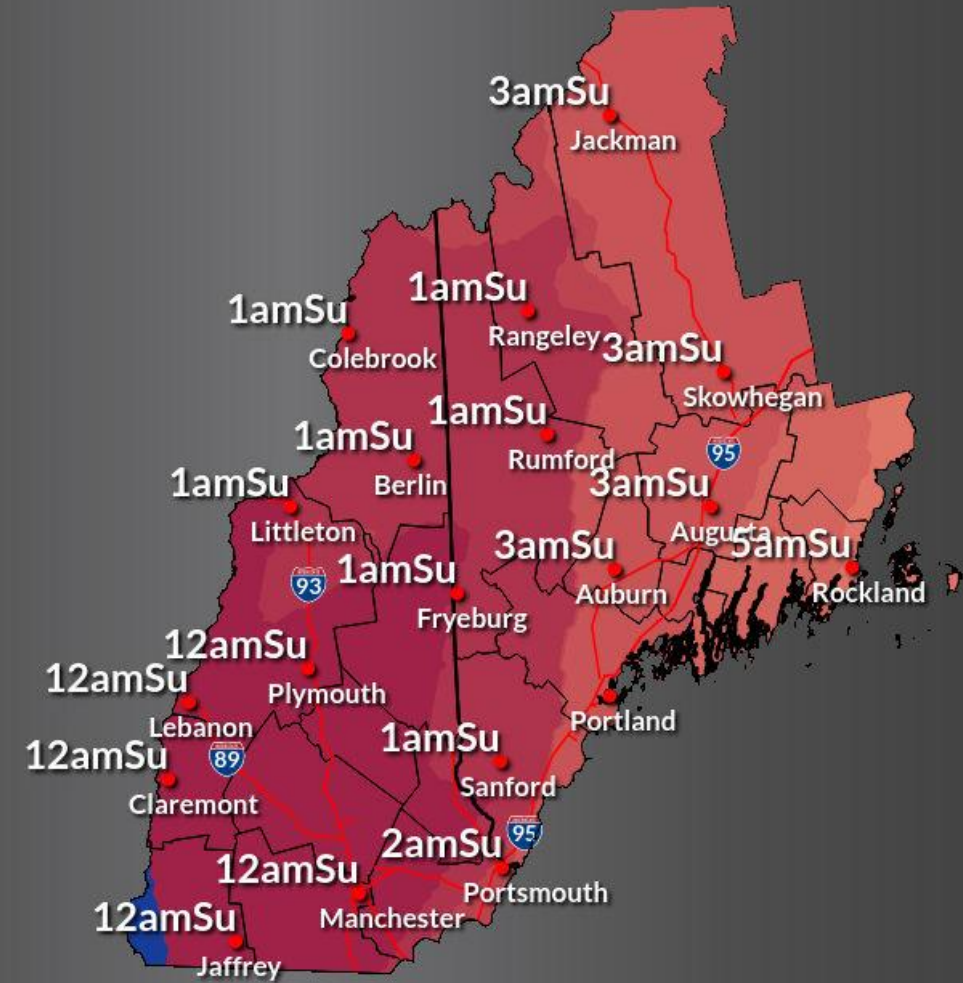


Valid 2 PM Sat Mar 23, 2024 through 9 AM Sun Mar 24, 2024 EDT

Issued Mar 22, 2024 3:15 PM EDT

#### End Time

- 11pmSa
- 12amSu
- 1amSu
- 2amSu
- 3amSu
- 4amSu
- 5amSu



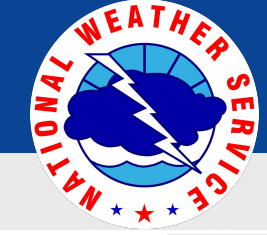
f NWSGray

weather.gov/gyx



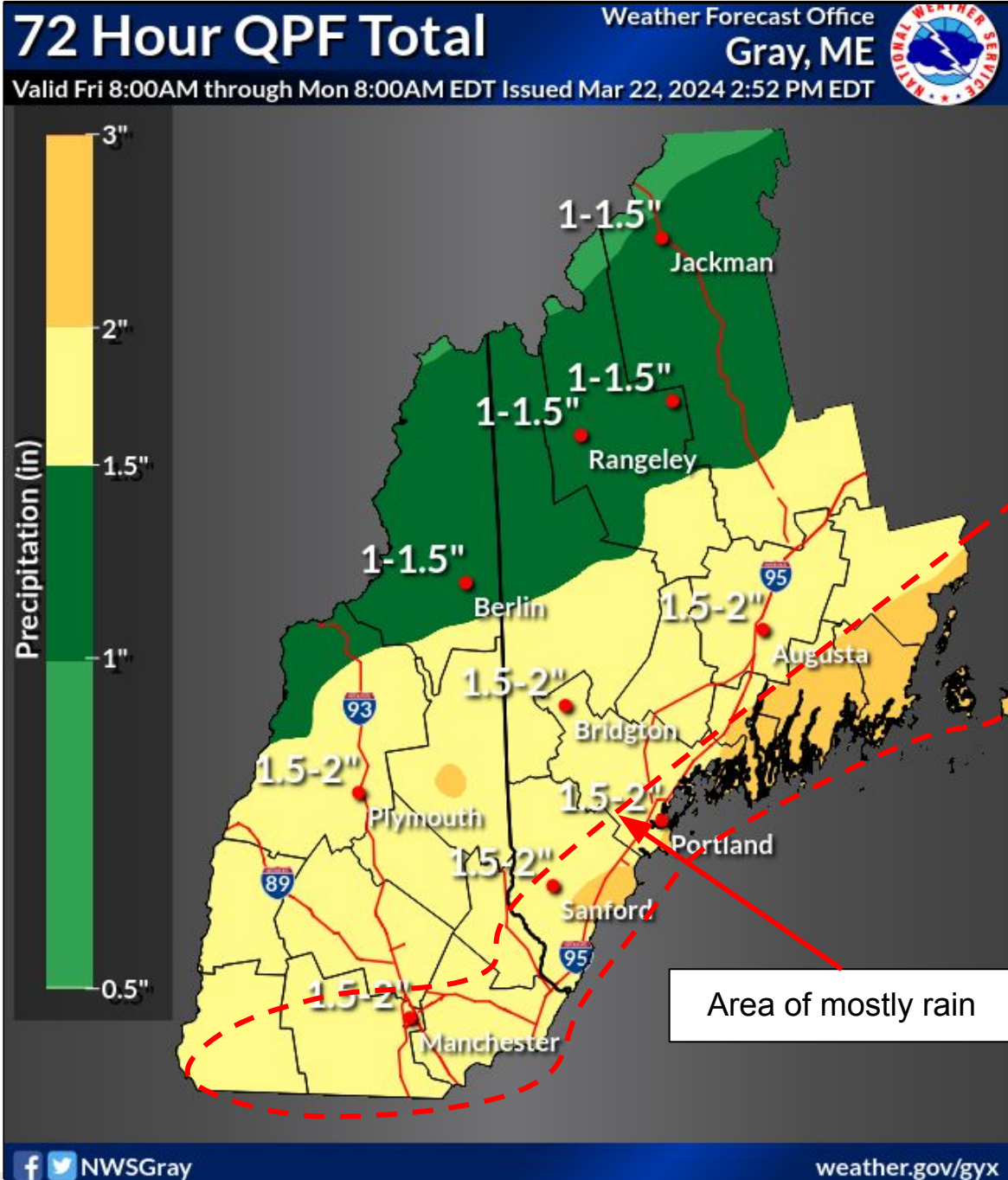
National Oceanic and Atmospheric Administration  
U.S. Department of Commerce

National Weather Service  
Gray-Portland, ME



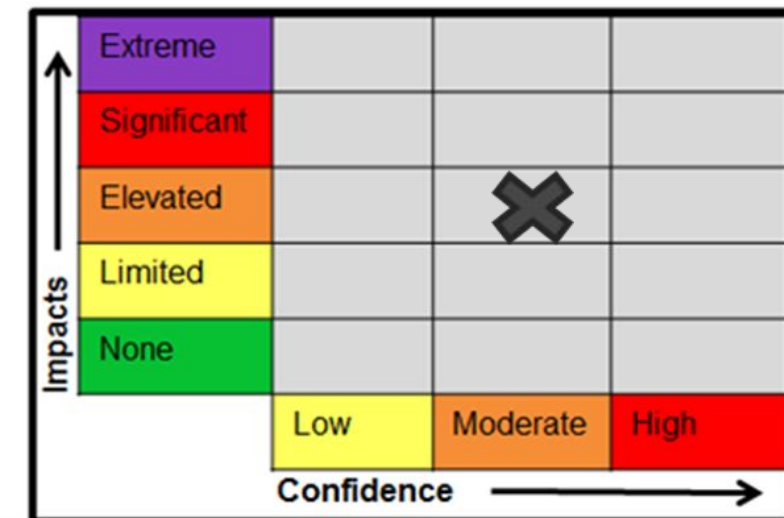
# Rainfall Forecast

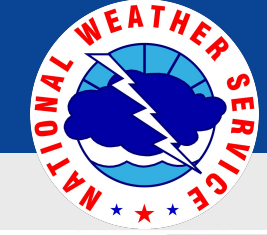
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## Key Messages

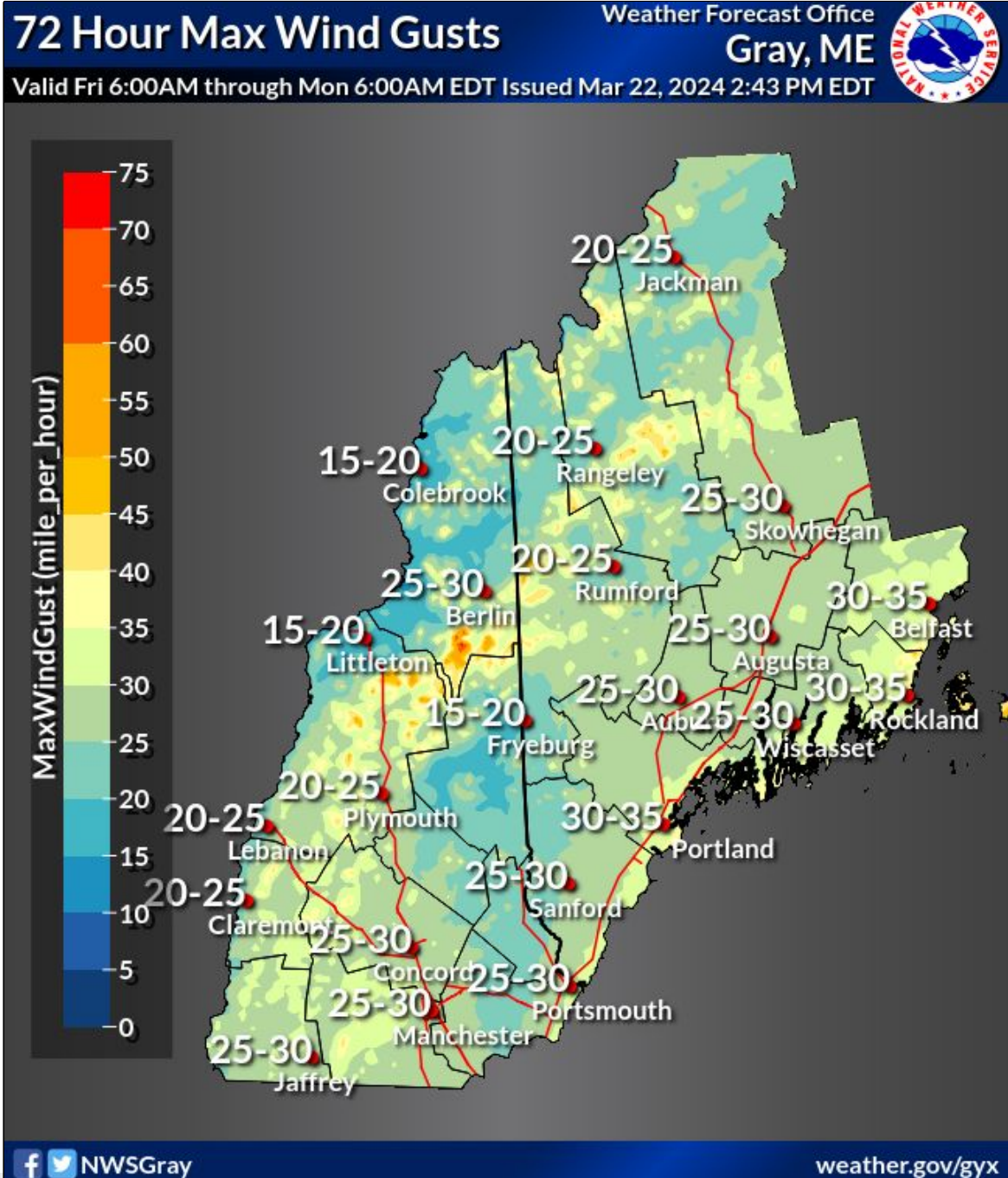
- Flood threat will be confined to coastal areas with nuisance urban and small stream flooding.
- Rainfall rates be heaviest on Saturday afternoon.
- Any freshly fallen snow and sleet could clog drains.
- For the most up to date rainfall map visit <https://www.weather.gov/gyx/EMhome#Flood>





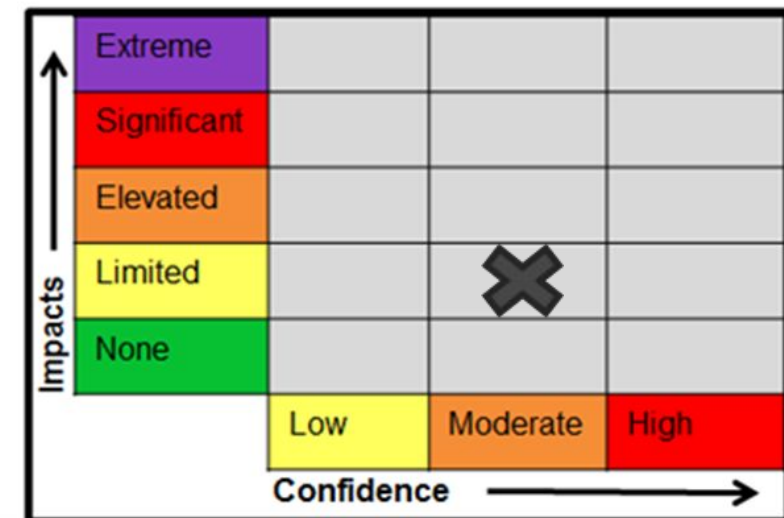
# Peak Wind Gusts Expected

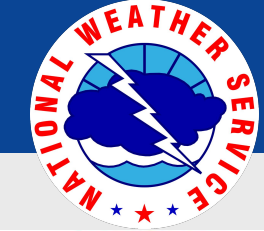
March 22, 2024  
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## Key Messages

- Wind gusts will be highest Saturday night into Sunday morning with winds from the northwest.
- Isolated power outages could be possible depending on ice and snow load on trees.
- Winds will be relatively light and from the northeast on Saturday.
- For the most up to date wind map visit <https://www.weather.gov/gyx/EMhome>

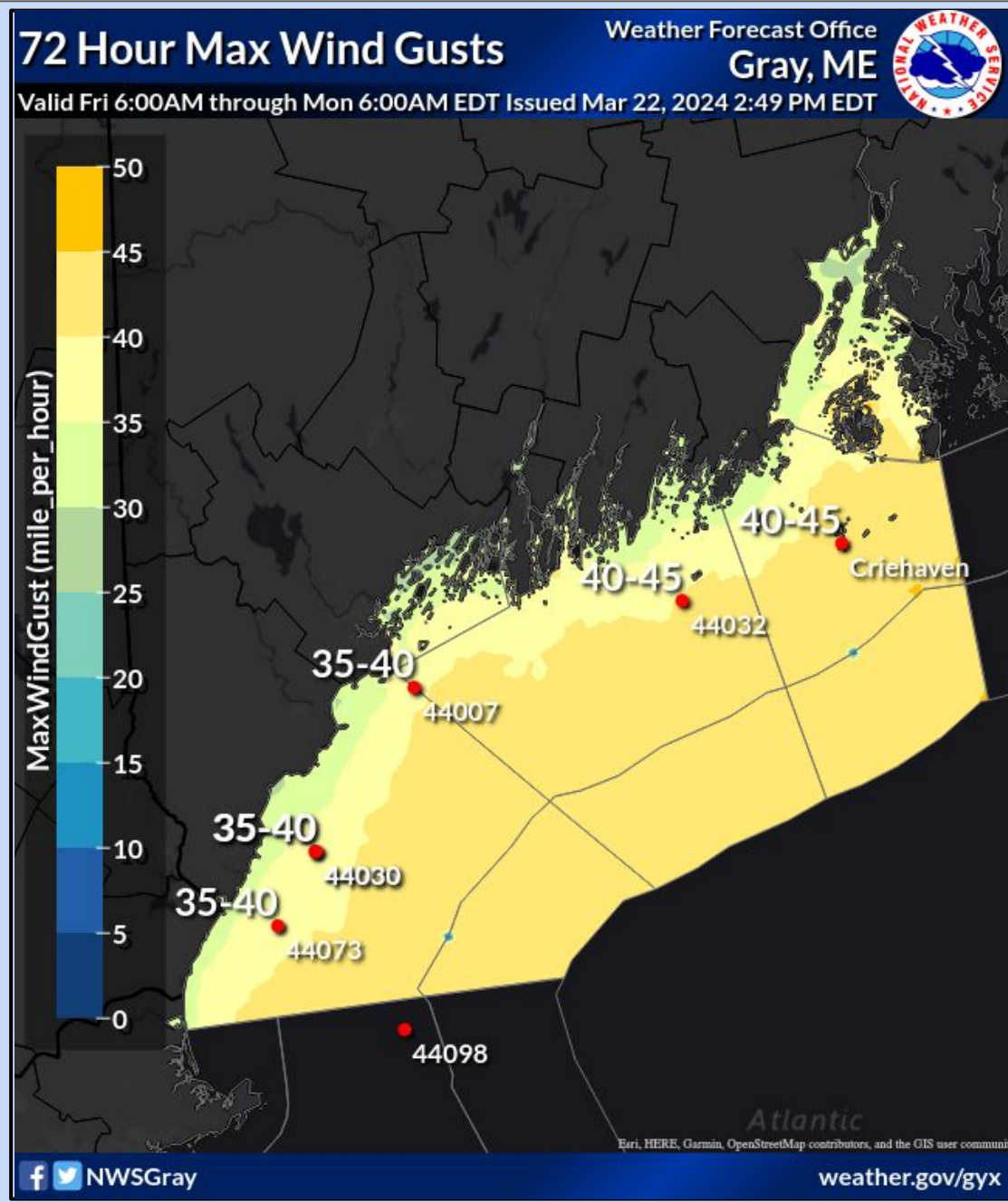




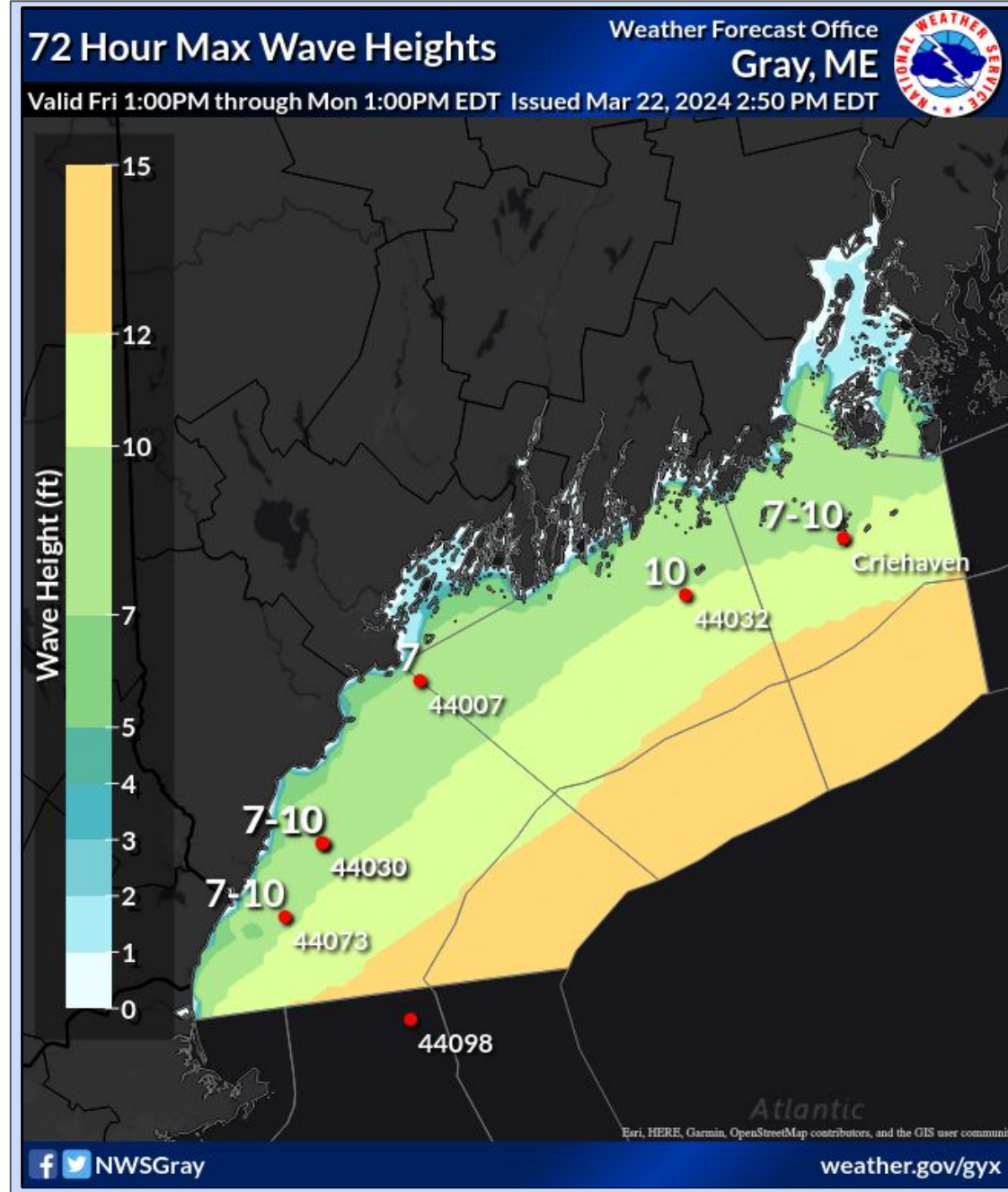
# Marine Hazards

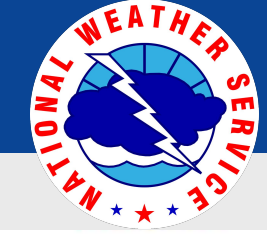
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Peak  
Wind  
Gusts  
Expected



Peak  
Wave  
Heights  
Expected





# Event Summary

March 22, 2024  
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## Significant Late Winter Storm Tomorrow

### Key Messages






- Heaviest snowfall for the season is possible for the interior
- Mixed precipitation and heavy snow rates tomorrow will lead to dangerous travel tomorrow

### What We Are Certain Of:

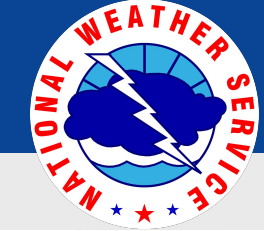
- Heavy snow for the mountains
- A band of mixed precipitation will occur

### What We Are Less Certain Of:

- How much sleet or freezing rain will fall

	<ul style="list-style-type: none"> <li>● Heavy snow and intense snowfall rates tomorrow will lead to dangerous travel conditions.</li> <li>● Sleet is expected to push into the foothills and will lower totals, but higher amounts could be possible.</li> </ul>
	<ul style="list-style-type: none"> <li>● A corridor of ice accretion is possible, but will be a snow to sleet to freezing rain event.</li> <li>● Confidence is low for enough ice to down branches at this time.</li> </ul>
	<ul style="list-style-type: none"> <li>● A band of mixed precipitation is certain with snow, sleet, freezing rain and a period of pure rain before changing back over to snow. Messy mix will lead to dangerous travel conditions.</li> </ul>
	<ul style="list-style-type: none"> <li>● Flood threat for coastal areas looks to be minor with mostly nuisance small stream and urban flooding in low lying areas.</li> </ul>
	<ul style="list-style-type: none"> <li>● Winds during the storm will be from the northeast direction and light with gusts below 20 mph for most area.</li> <li>● Stronger northwest winds on the backside of storm Saturday night into Sunday will strip snow and ice from trees.</li> </ul>





# Contact and Next Briefing Information

March 22, 2024  
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For New Hampshire and Western Maine



## Briefing Webpage

- [www.weather.gov/gyx/EMhome](http://www.weather.gov/gyx/EMhome)
- [www.weather.gov/gyx/winter](http://www.weather.gov/gyx/winter)



## Next Briefing

- By 4 AM Saturday
- Method: Email



## Disclaimer

- Information contained in this briefing is time-sensitive
- Do Not Use After: 4 AM Saturday



## Contact Information

### Web

- [www.weather.gov/gyx](http://www.weather.gov/gyx)

### Phone (public)

- (207) 688-3216

### Email

- [gyx.skywarn@noaa.gov](mailto:gyx.skywarn@noaa.gov)

### Facebook

- [NWSGray](https://www.facebook.com/NWSGray)

### Twitter

- [@NWSGray](https://twitter.com/NWSGray)

