



# Winter Weather Briefing

March 13, 2023  
4:36 AM

For NWS Boston/Norton County Warning Area

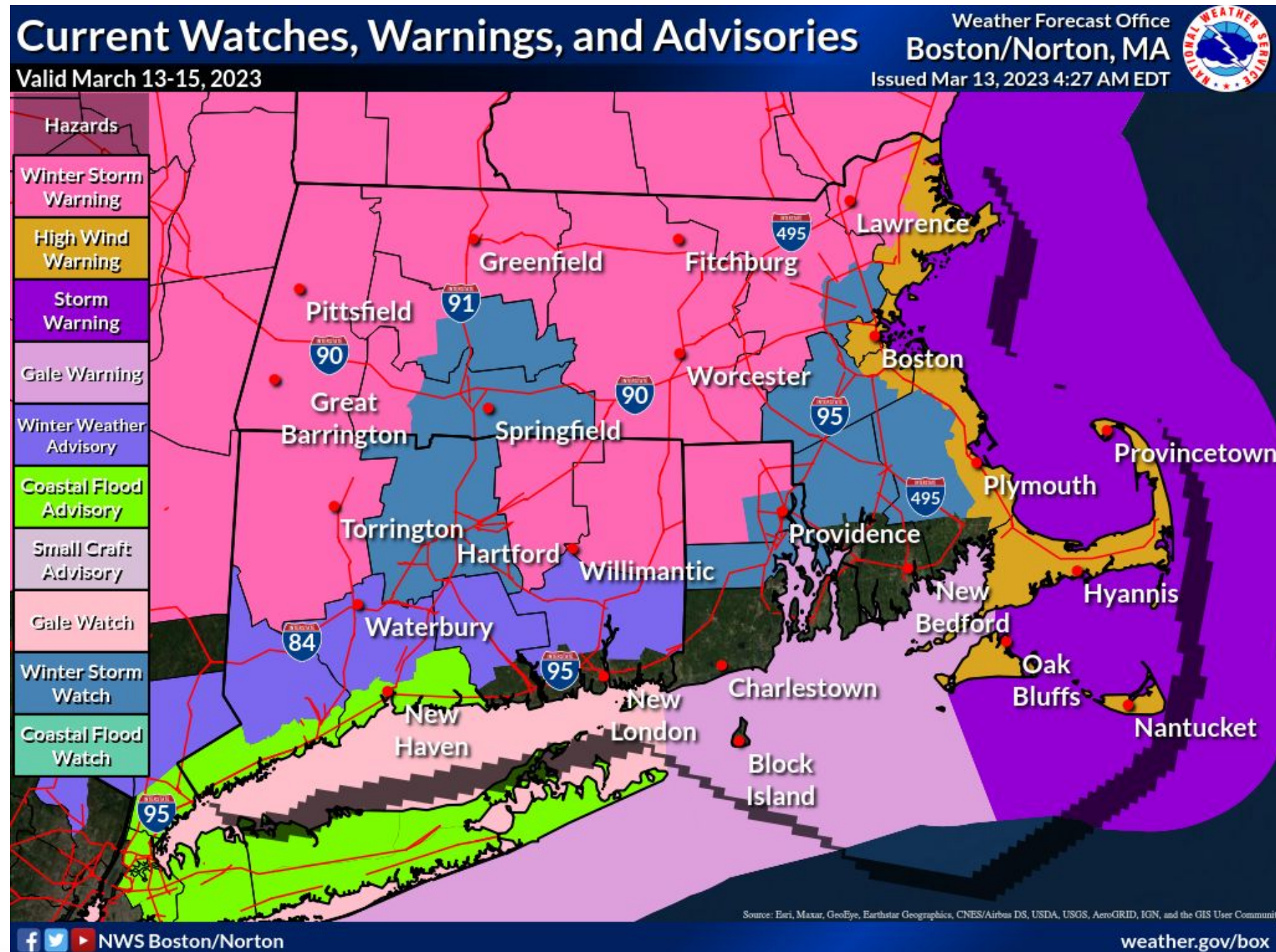
## Decision Support Briefing #2

→ As of 4:30 AM Monday, March 13, 2023

### Important Updates

NEW

- Winter Storm Warning for NE CT, NW RI, and central/interior NE MA
- Winter Weather Advisory for southern CT
- High Wind Warning for E MA coast
- Storm Warnings and Gale Warnings for the MA and RI coastal waters
- Still have uncertainty with snow accumulations in Hartford/Springfield and Boston to Providence due to marginal temperatures (how much will stick Tuesday?)







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

National Weather Service  
Boston / Norton, MA



# Main Points

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| Hazard   | Impacts  | Location   | Timing   |
|--|--|--|--|
| Wind/<br>Damaging Wind  | 25-35 mph w/ gusts 50-65 mph<br>Tree limbs/power lines/<br>isolated trees downed           | Eastern MA   | Late tonight into Wednesday<br>morning   |
| Snow                    | Snow loading on trees/power<br>lines; morning commute (west)<br>and evening commute (east) | Anywhere that receives 4+<br>inches of heavy, wet snow | Tonight (higher terrain) through<br>Tuesday night, except Wed. AM<br>in eastern MA |
| Marine                 | Storm conditions with 12-18 ft<br>seas eastern MA; Gales with<br>5-10 ft seas RI coast     | Eastern MA waters                                      | Tonight through Wednesday  |
| Coastal<br>Flooding   | Widespread minor coastal<br>flooding, but pockets of<br>moderate possible                  | Eastern MA from Cape Cod<br>northward                  | Three high tide cycles, from 4-5<br>AM Tuesday through 5-6 AM<br>Wednesday         |



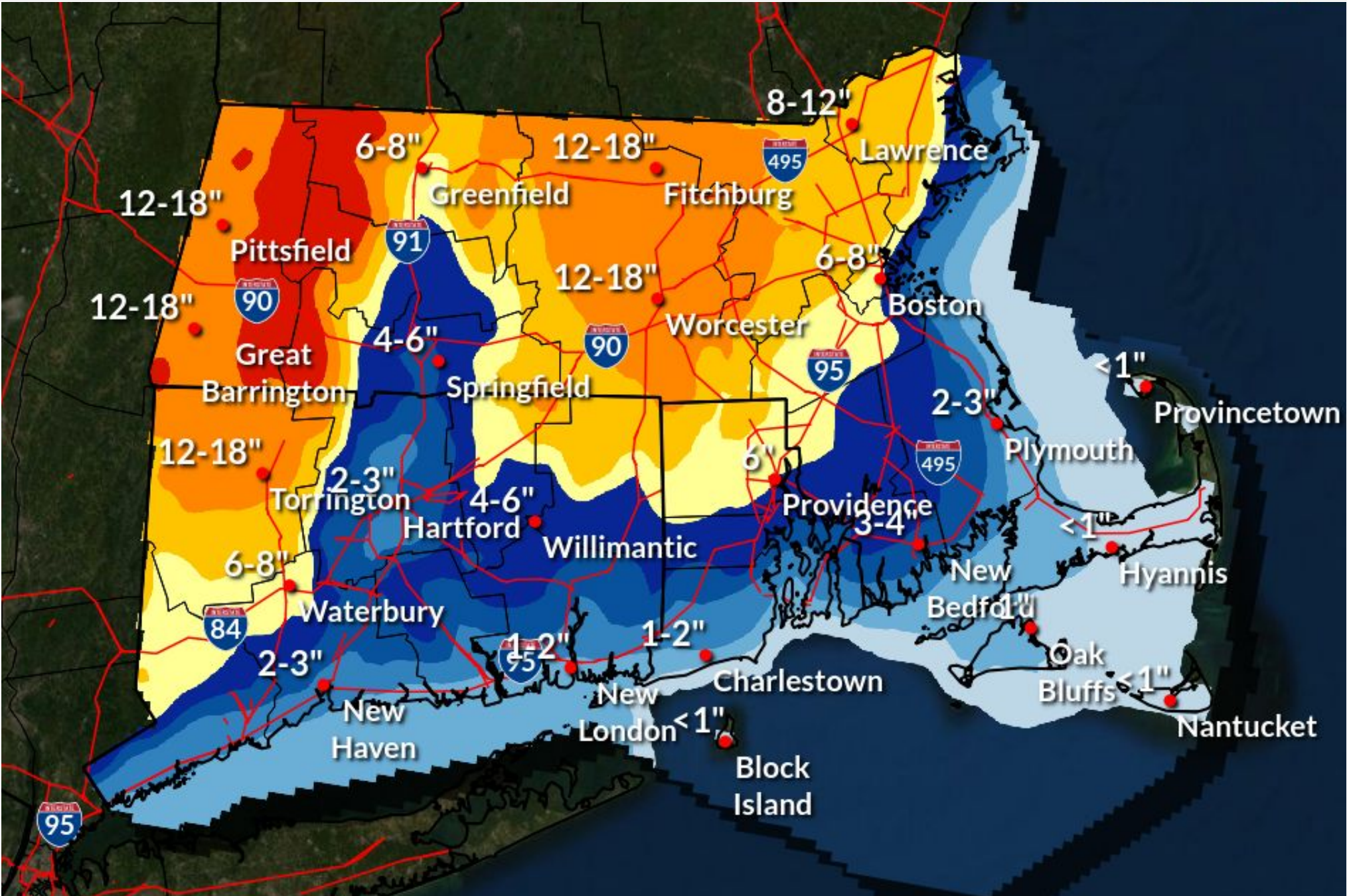


# Forecast Storm Total Snowfall

March 13, 2023  
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**Tonight through  
Wednesday Morning**

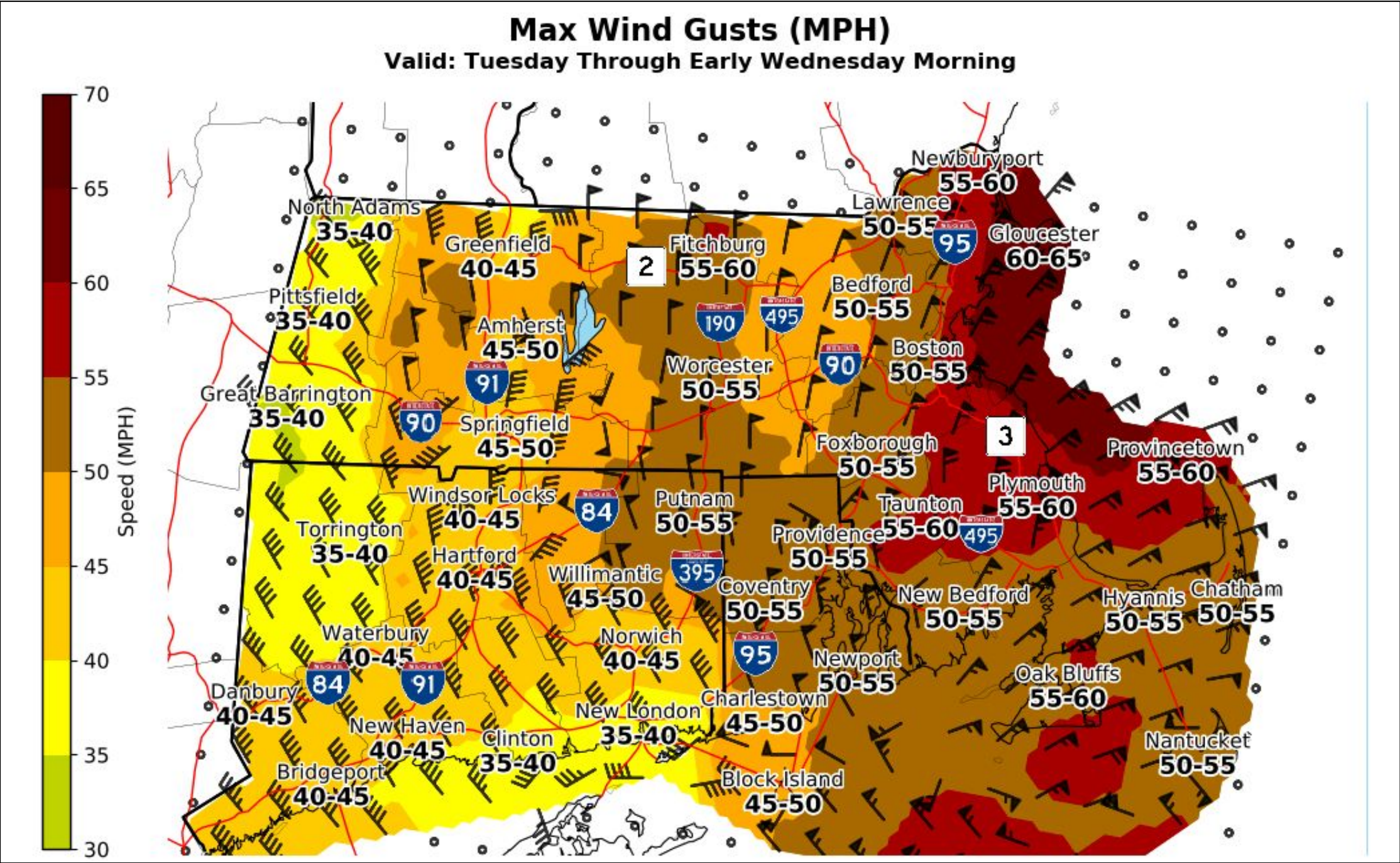
**Most of the snow falls  
Tuesday into early  
Wednesday morning**





# Forecast Wind Gusts

March 13, 2023  
4:36 AM





# Temperature and Wind Gust Tables

March 13, 2023  
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## Maximum Temperature Forecast

|             | 3/13<br>Mon | 3/14<br>Tue |     |      |     | 3/15<br>Wed |     |      |     | 3/16<br>Thu |     |      |     |
|-------------|-------------|-------------|-----|------|-----|-------------|-----|------|-----|-------------|-----|------|-----|
|             | 6pm         | 12am        | 6am | 12pm | 6pm | 12am        | 6am | 12pm | 6pm | 12am        | 6am | 12pm | 6pm |
| Boston      | 39          | 39          | 39  | 36   | 34  | 32          | 32  | 40   | 39  | 34          | 40  | 46   | 44  |
| Gloucester  | 39          | 39          | 39  | 36   | 35  | 32          | 33  | 39   | 38  | 34          | 39  | 44   | 42  |
| Hartford    | 40          | 38          | 37  | 35   | 33  | 33          | 34  | 41   | 40  | 34          | 41  | 48   | 45  |
| Hyannis     | 41          | 42          | 42  | 41   | 39  | 37          | 35  | 39   | 38  | 36          | 39  | 43   | 42  |
| Lowell      | 40          | 38          | 37  | 33   | 32  | 31          | 32  | 40   | 39  | 34          | 39  | 47   | 44  |
| Nantucket   | 40          | 41          | 41  | 40   | 41  | 38          | 35  | 39   | 39  | 37          | 39  | 42   | 42  |
| New Bedford | 40          | 40          | 40  | 37   | 34  | 32          | 33  | 41   | 40  | 34          | 41  | 47   | 44  |
| New Haven   | 42          | 39          | 35  | 35   | 35  | 33          | 38  | 41   | 40  | 35          | 39  | 49   | 47  |
| Newport     | 40          | 40          | 39  | 36   | 34  | 33          | 34  | 39   | 38  | 34          | 40  | 46   | 44  |
| Pittsfield  | 35          | 33          | 32  | 34   | 34  | 29          | 29  | 31   | 30  | 27          | 33  | 40   | 39  |
| Providence  | 41          | 39          | 39  | 35   | 33  | 32          | 33  | 41   | 40  | 34          | 41  | 49   | 46  |
| Springfield | 39          | 37          | 36  | 35   | 33  | 32          | 33  | 39   | 38  | 33          | 40  | 47   | 44  |
| Worcester   | 37          | 36          | 35  | 32   | 32  | 31          | 31  | 37   | 36  | 32          | 36  | 44   | 41  |

\*Table values in °F

\*\*Created: 4 am EDT Mon 3/13/2023

\*\*\*Values are maximums over the period beginning at the time shown.

Don't see your city? Check out [weather.gov/forecast](https://weather.gov/forecast)

## Maximum Wind Gust Forecast

|             | 3/13<br>Mon | 3/14<br>Tue |     |      |     | 3/15<br>Wed |     |      |     | 3/16<br>Thu |     |      |     |
|-------------|-------------|-------------|-----|------|-----|-------------|-----|------|-----|-------------|-----|------|-----|
|             | 6pm         | 12am        | 6am | 12pm | 6pm | 12am        | 6am | 12pm | 6pm | 12am        | 6am | 12pm | 6pm |
| Boston      | 23          | 35          | 46  | 54   | 54  | 51          | 40  | 33   | 32  | 30          | 24  | 20   | 17  |
| Gloucester  | 25          | 37          | 51  | 63   | 63  | 55          | 48  | 41   | 37  | 35          | 31  | 22   | 17  |
| Hartford    | 22          | 29          | 39  | 43   | 43  | 38          | 39  | 40   | 37  | 29          | 21  | 21   | 18  |
| Hyannis     | 32          | 41          | 54  | 51   | 40  | 45          | 51  | 44   | 41  | 39          | 35  | 31   | 21  |
| Lowell      | 18          | 26          | 40  | 51   | 51  | 47          | 36  | 32   | 31  | 29          | 22  | 20   | 18  |
| Nantucket   | 33          | 48          | 52  | 47   | 38  | 47          | 52  | 44   | 41  | 40          | 36  | 33   | 22  |
| New Bedford | 30          | 37          | 53  | 52   | 52  | 48          | 45  | 38   | 33  | 32          | 26  | 22   | 16  |
| New Haven   | 24          | 31          | 41  | 39   | 38  | 33          | 37  | 37   | 33  | 25          | 24  | 20   | 16  |
| Newport     | 33          | 38          | 48  | 47   | 53  | 48          | 41  | 37   | 33  | 30          | 25  | 21   | 17  |
| Pittsfield  | 25          | 35          | 36  | 36   | 39  | 40          | 40  | 40   | 35  | 24          | 18  | 17   | 15  |
| Providence  | 22          | 30          | 41  | 51   | 54  | 47          | 39  | 36   | 33  | 30          | 23  | 22   | 18  |
| Springfield | 23          | 31          | 41  | 45   | 44  | 40          | 40  | 40   | 37  | 29          | 20  | 21   | 18  |
| Worcester   | 22          | 31          | 41  | 48   | 51  | 47          | 37  | 35   | 35  | 32          | 26  | 22   | 18  |

\*Table values in mph

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National Weather Service  
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# Coastal Flood Forecast

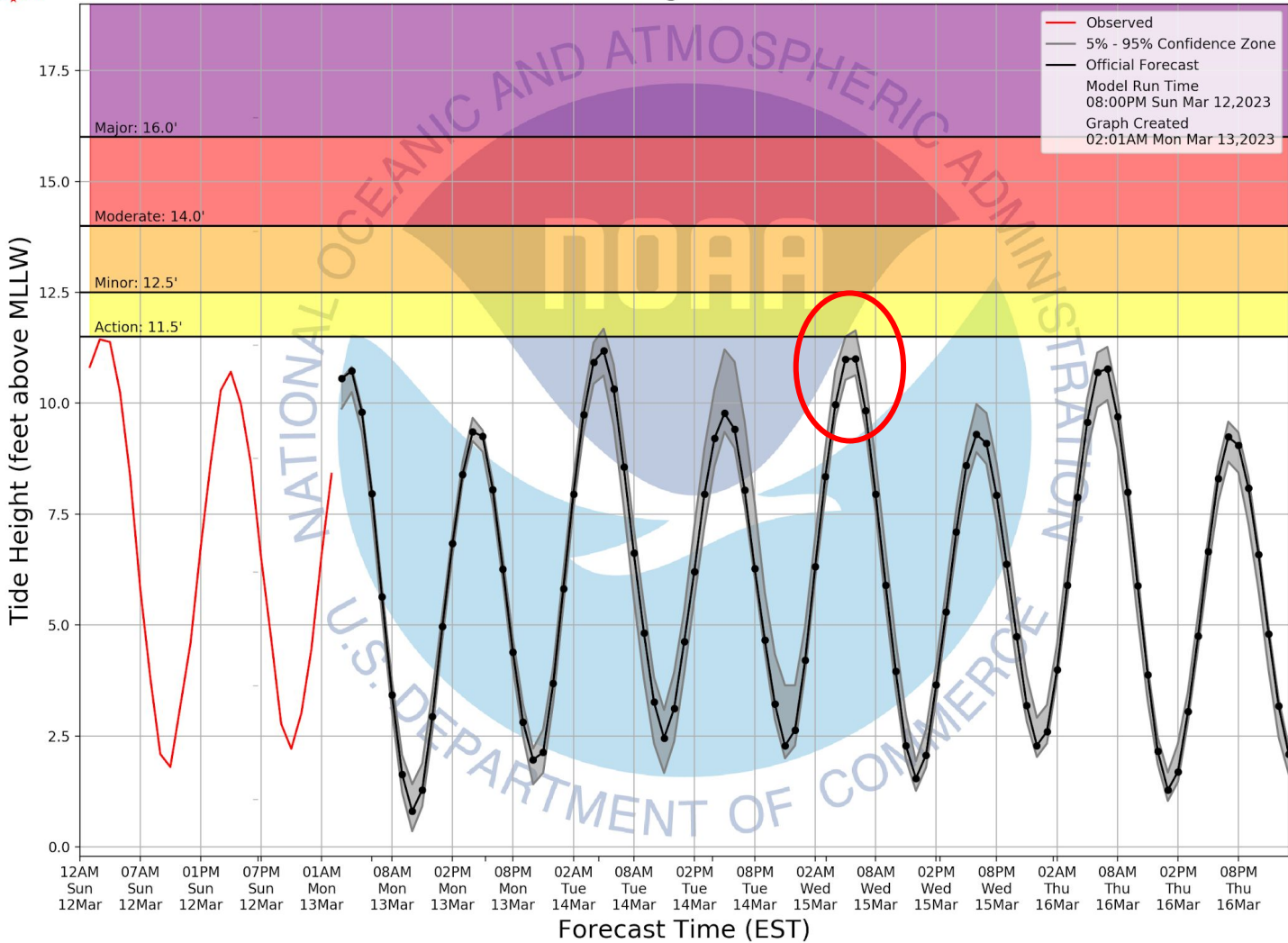
March 13, 2023  
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## Graphs Showing Possible Forecast Ranges

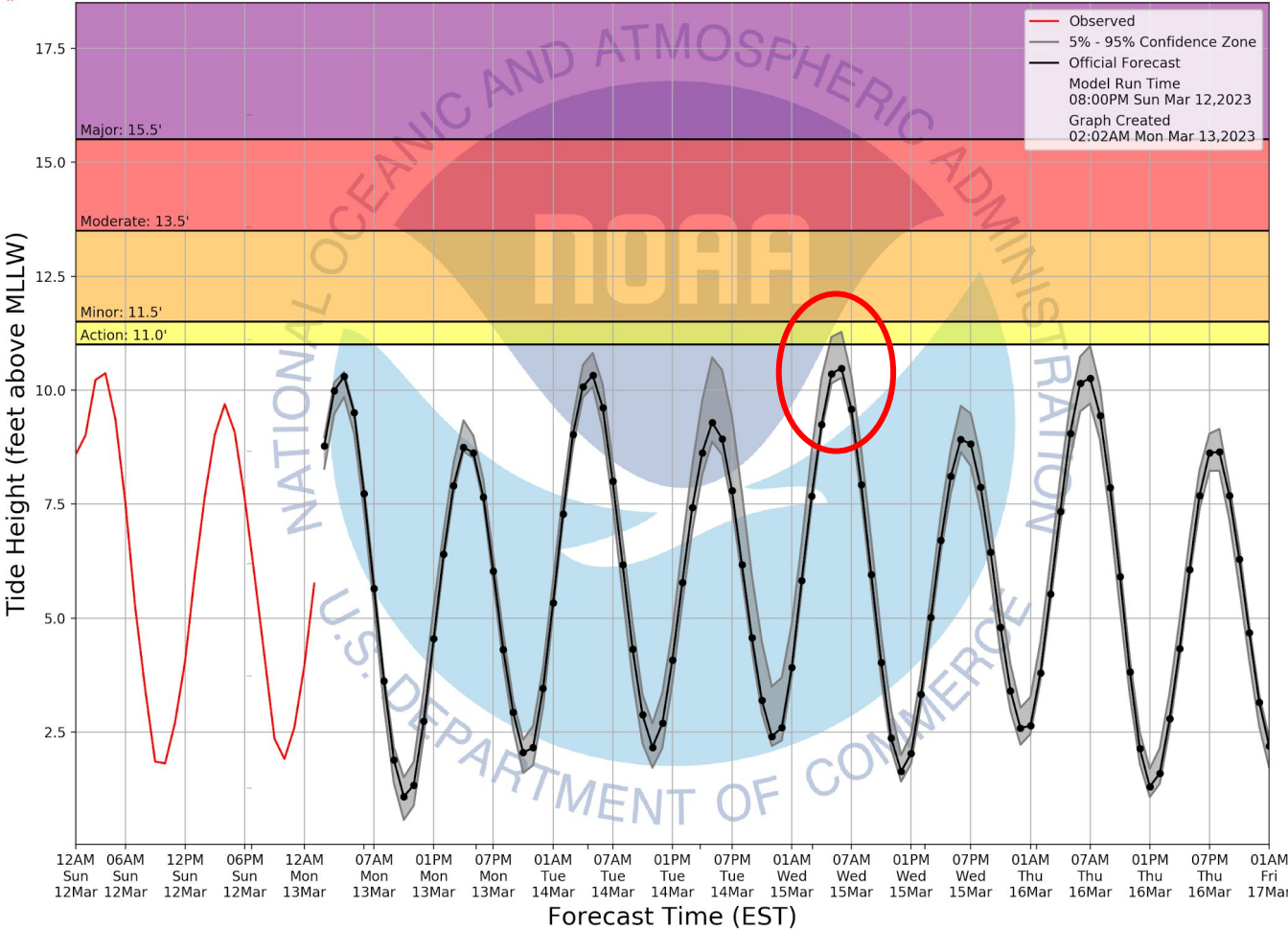
**High tide of concern is early Wednesday morning (5-6 AM). Impacts may be higher due to wave action. Expecting a 2 to 3 foot storm surge, yielding 12-13 ft MLLW in Boston Harbor and Scituate.**



Boston Harbor at Boston, MA  
Tide Height (MLLW)



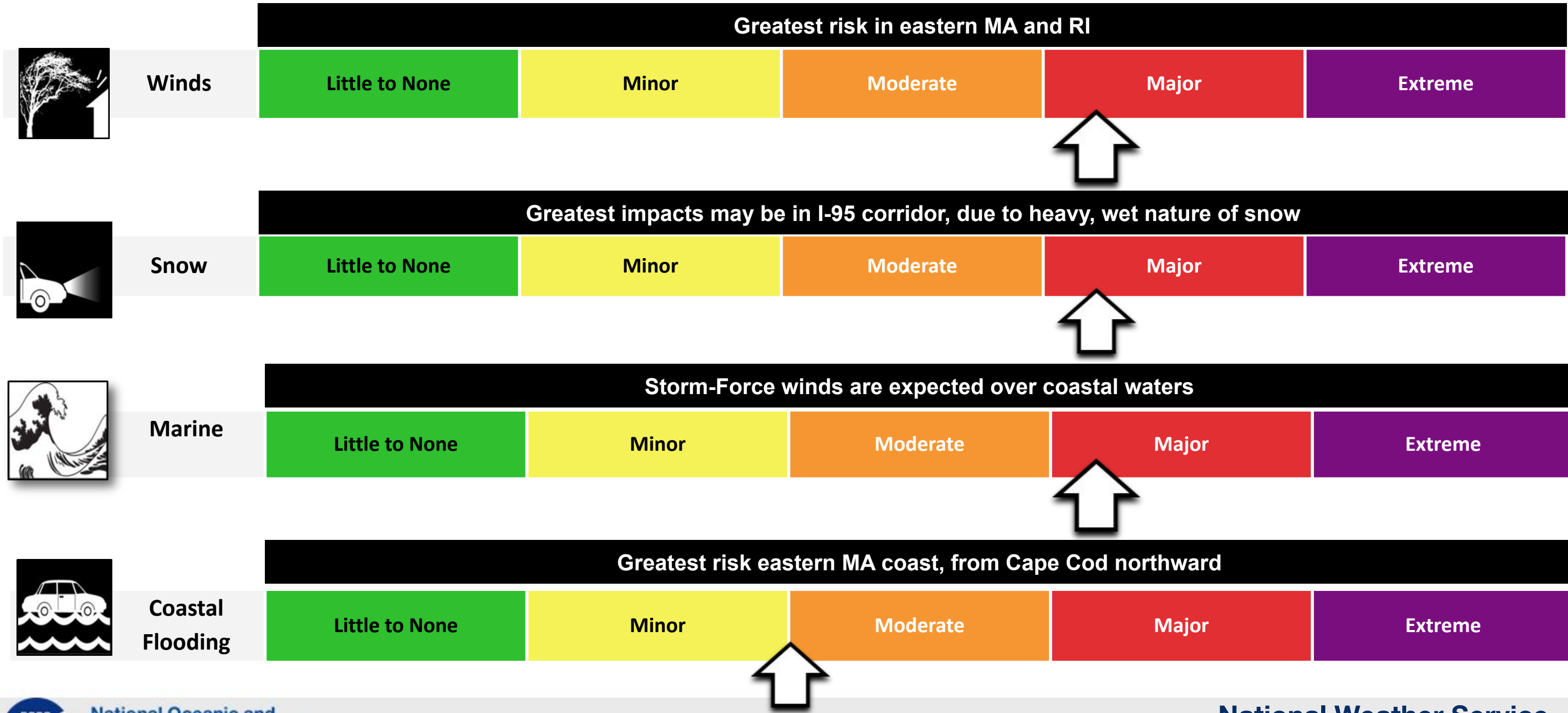
Massachusetts Bay at Scituate, MA  
Tide Height (MLLW)





# Summary of Greatest Impacts

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# Key Points Summarized

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- **Snow**

- **Snow consistency will be wet. Snow loading and power outages become a big concern with totals >4". Strong winds will exacerbate the issues.**
- **Outside of higher terrain, temperatures will be in the mid to upper 30s around daybreak Tuesday, then they drop to 32 or lower late Tuesday morning/afternoon. That's when accumulations will really increase.**
- **Tuesday morning commute may be impacted in Hartford/Springfield/Worcester. The Tuesday evening commute could be difficult across much of the region, including Boston and Providence. Conditions should improve Wednesday morning.**

- **Wind**

- **High confidence that wind speeds will be strongest along the eastern MA coast. Concern for downed trees/power lines and travel for high profile vehicles.**

- **Coastal Flooding**

- **Minor coastal flooding is expected along the eastern MA coast from Cape Cod northward. It may last several tidal cycles Tuesday and Wednesday.**
- **Pockets of moderate coastal flooding possible during early morning Wednesday high tide.**





# Contact and Next Briefing Information

March 13, 2023  
4:36 AM

For NWS Boston/North County Warning Area

## Next Briefing



By 6:00 PM Mon, 3/13/23  
Method: Email

## Disclaimer



Information contained in this briefing is time-sensitive  
Do Not Use After: 6:00 PM Mon, 3/13/23

## Contact Information

### Web

→ [weather.gov/box](https://weather.gov/box)

### Phone

→ (508) 622-3250

### Email

→ [box.operations@noaa.gov](mailto:box.operations@noaa.gov)

### Facebook

→ [www.facebook.com/NWSBoston](https://www.facebook.com/NWSBoston)

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