

# Winter Storm Tonight into Tuesday

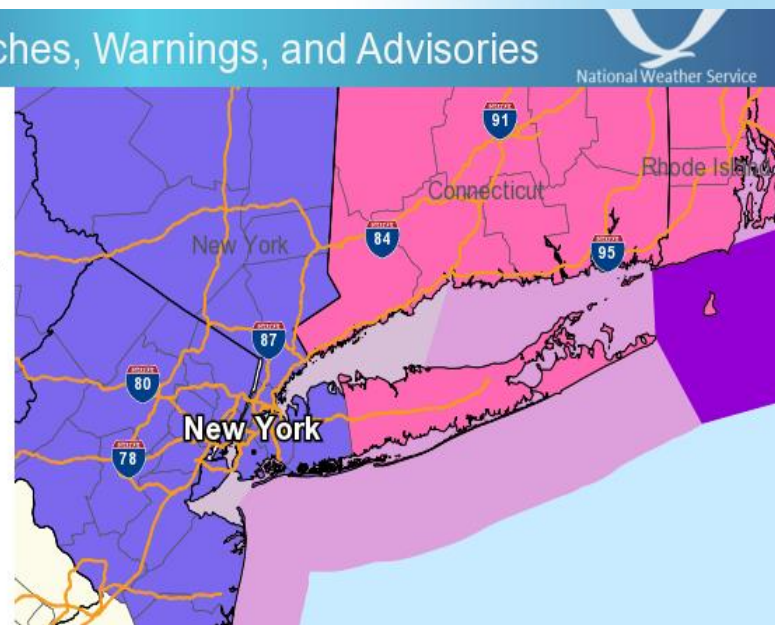
## Decision Support Briefing #3

As of: 445 PM Mar 12, 2018



### Current Watches, Warnings, and Advisories

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








Graphic Created  
March 12th, 2018  
3:56 PM EDT

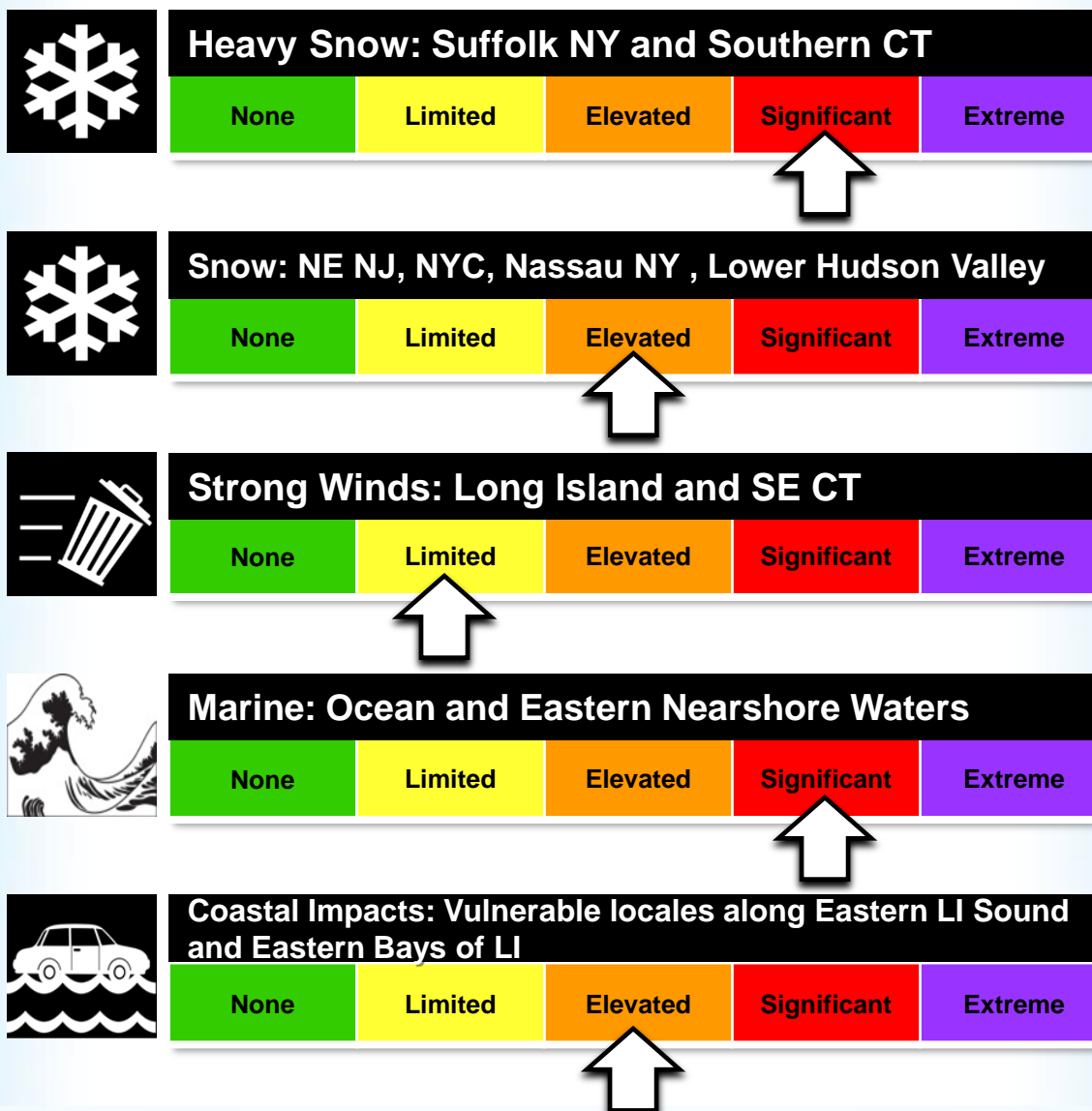
### What Has Changed?

- ✓ *Winter Storm Warnings: Midnight to 6PM Tue*
- ✓ *Winter Weather Advisories: Midnight to Noon Tue*

## Main Points

Hazard		Impacts	Location	Timing
Heavy Snow		<ul style="list-style-type: none"> <li>Heavy Wet Snowfall of 5-10", localized up to 14", highest east.</li> <li>Snowfall rates of 1 to 2"/hr</li> <li>Visibilities of 1/4 mile or less.</li> <li>Difficult travel for Tuesday Morning commute</li> </ul>	Suffolk County, NY and Southern CT	Late Tonight into Tuesday Afternoon. (Heaviest snow Overnight thru Tuesday Morning)
Snow		<ul style="list-style-type: none"> <li>Wet Snowfall of 2-5".</li> <li>Visibilities down to 1/2 mile.</li> <li>Slippery travel for Tuesday Morning commute</li> </ul>	NE NJ, NYC, Nassau County NY and Lower Hudson Valley	Late Tonight into Tuesday Morning (Steadiest snow Overnight thru Tuesday Morning)
Strong Winds		<ul style="list-style-type: none"> <li>20 to 30 mph with gusts to 45 mph.</li> <li>Scattered downed trees and powerlines due to heavy wet snow and winds.</li> </ul>	E LI and SE CT, weaker winds to the north and west	Overnight into Tuesday Afternoon (Strongest winds Overnight thru Tuesday Morning)
Marine		<ul style="list-style-type: none"> <li>Wind gusts of 35-45 KT.</li> <li>Seas of 7-12 ft on the Ocean and 3-6 ft on Eastern LI Sound.</li> </ul>	Ocean Waters and Eastern Nearshore Waters	Tonight through Tuesday Afternoon
Coastal Impacts		<ul style="list-style-type: none"> <li>Minor coastal flooding possible.</li> <li>Inundation of 1 to 2 ft above ground in vulnerable areas.</li> <li>Locally moderate impacts due to wave action along northeast shore of LI and twin forks.</li> </ul>	Vulnerable locales along LI Sound and Southern and Eastern Bays of Long Island.	During time of Tuesday Morning high tides

## Summary of Greatest Impacts

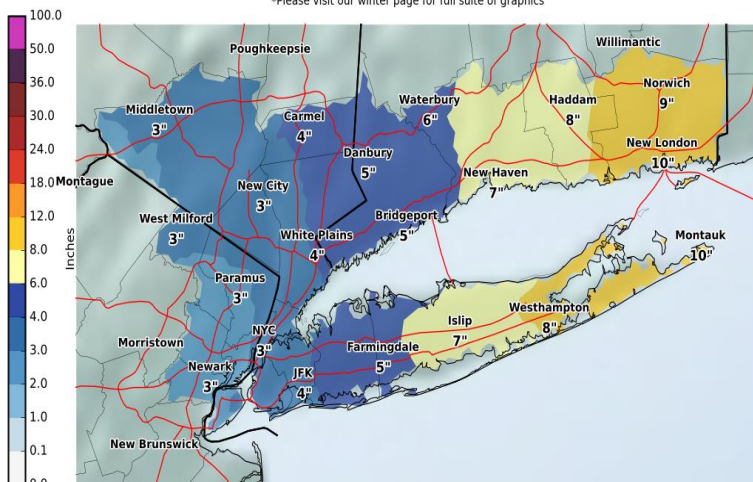




## Expected Snowfall - Official NWS Forecast

Valid: 03/12/2018 08:00 PM - 03/13/2018 08:00 PM

\*Please visit our winter page for full suite of graphics

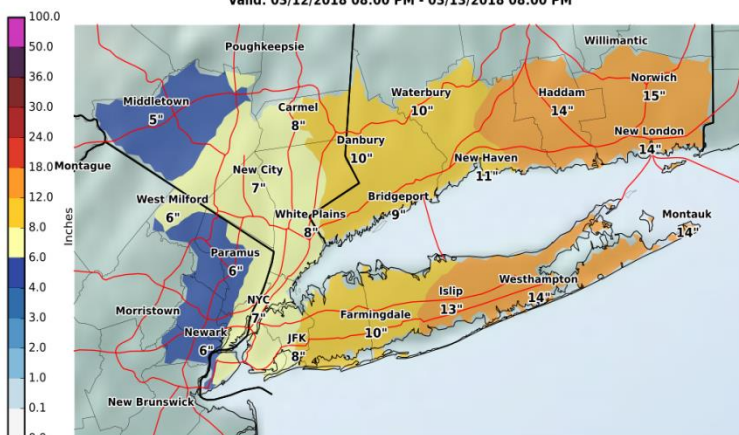


National Weather Service  
New York NY  
03/12/2018 03:17 PM EDT

Follow Us:     
weather.gov/nyc/winter

## High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid: 03/12/2018 08:00 PM - 03/13/2018 08:00 PM



National Weather Service  
New York NY  
03/12/2018 03:18 PM EDT

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# Heavy Snow

## Hazards:

- ✓ 5-10" for LI and CT, locally up to 14", highest East
- ✓ Snowfall rates of 1-2"/hr
- ✓ Vsby ¼ mile or less
- ✓ 2-5" for NYC, NE NJ and Lower Hudson Valley
- ✓ Snowfall rates of up to 1"/hr

## Impacts:

- ✓ Scattered downed trees, tree limbs and powerlines across LI and CT due to heavy wet snow and strong winds
- ✓ Very difficult travel for Tuesday morning commute for LI/CT

## Timing:

- ✓ Heaviest snow Overnight through Tuesday morning.

## Uncertainty:

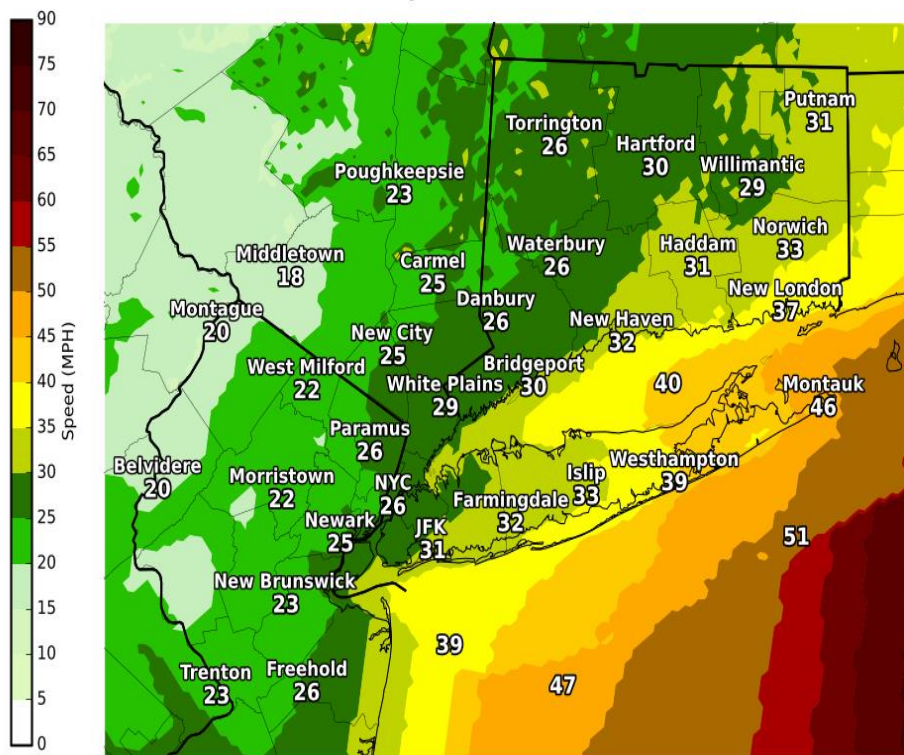
- ✓ A shift in track 50 miles closer to the coast would result in 6+ inches of snow across the entire area
- ✓ A shift in track 50 miles farther offshore would result in lower snow amounts across the entire area



# Strong Winds

## Wind Gusts

Valid: Tuesday, March 13, 2018 at 11 AM EDT



National Weather Service  
New York NY  
03/12/2018 03:33 PM EDT

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## Hazards:

- ✓ Northerly winds of 20 to 30 mph with gusts up to 45 mph for LI and SE CT.

## Impacts:

- ✓ Scattered downed trees, tree limbs and powerlines across LI and CT due strong winds and heavy wet snow

## Timing:

- ✓ Strongest winds Overnight through Tuesday afternoon.

## Uncertainty:

- ✓ A shift in track 50 miles closer to the coast would result in strong winds extended to the Hudson River.
- ✓ A shift in track 50 miles farther offshore would result in weaker winds even for LI and SE coastal CT.



# Forecast Uncertainty or Scenarios

Intense low pressure is currently forecast to track about 250 miles southeast of Long Island on Tuesday

- ✓ A continued shift closer to the coast by 50 miles would result in higher snow totals area wide, as well as bring strong winds west to the Hudson River. This would also increase the potential for minor to moderate coastal impacts.
- ✓ On the other hand, a track 50 miles farther away from the coast would result in lower snow totals across the area, also reducing the threat of other weather hazards.



## Event Summary

- ✓ Heavy Wet Snowfall possible for Long Island and Connecticut
  - ✓ Scattered downed trees, tree limbs and powerlines
  - ✓ Snowfall rates 1 to 2"/hr and Visibilities ¼ mile or less at times
  - ✓ Difficult travel for the Tuesday morning commute
- ✓ Heaviest snow falls from overnight through Tuesday Morning.
- ✓ Strong northerly winds of 20 to 30 mph with gusts to 45 mph for LI and SE CT.
- ✓ Gale conditions expected over most of the local waters.
- ✓ Minor to locally moderate coastal impacts possible for LI waters and Southern CT during Tuesday morning high tide.





# Contact and Next Briefing Information



**This will be the last briefing unless significant changes are made.**



**Web:**

<http://www.weather.gov/okx/>



**Phone (public):**

631-924-0517



**Facebook:**

<http://www.facebook.com/NWSNewYorkNY>



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<https://www.youtube.com/user/NWSNewYorkNY>

**Disclaimer:** The information contained within this briefing is time-sensitive, do not use after 6 AM (03/13/18).

