

Winter Storm Tonight into Tuesday

Decision Support Briefing #2 As of: 530 AM Mar 12, 2018

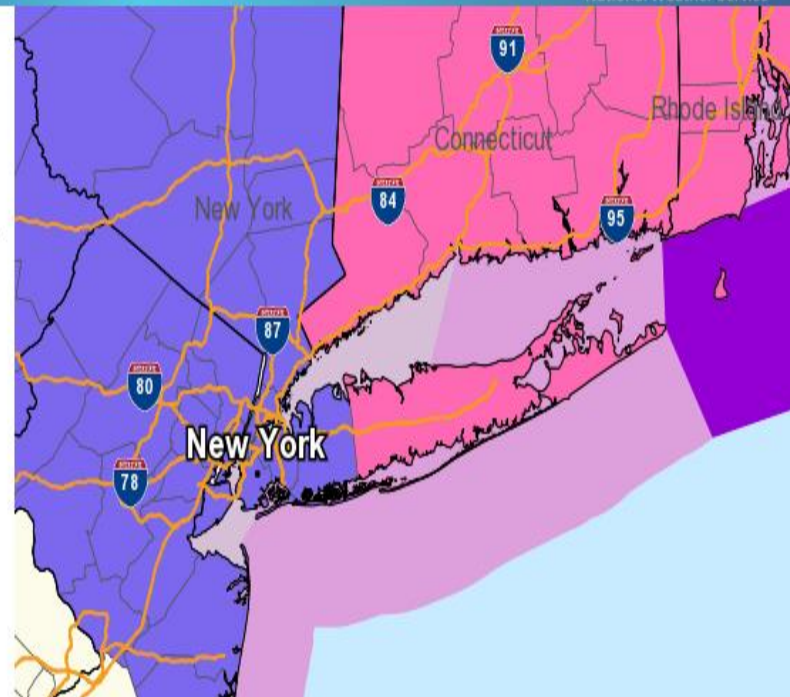


What Has Changed?

- ✓ Winter Storm Watches Upgraded to Warnings for Southern Connecticut and Suffolk County on Long Island
- ✓ Winter Weather Advisories Elsewhere
- ✓ Gale Watches Upgraded to Gale Warnings






Current Watches, Warnings, and Advisories

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

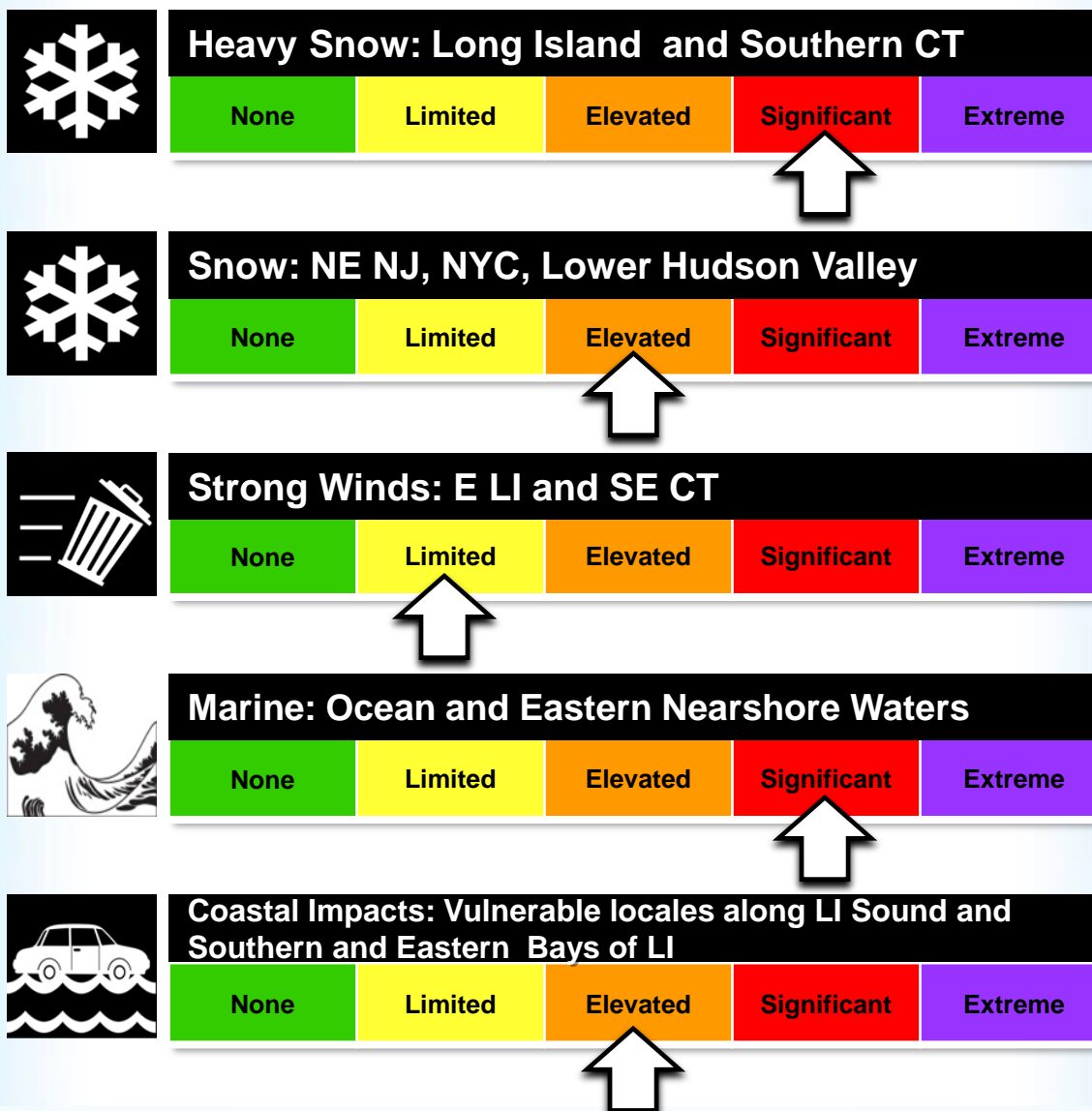


Graphic Created
March 12th, 2018
4:57 AM EDT

Main Points

Hazard		Impacts	Location	Timing
Heavy Snow		<ul style="list-style-type: none"> Heavy Wet Snowfall of 5-10" possible, highest east. Snowfall rates of 1 to 2"/hr Visibilities of 1/4 miles or less. Difficult travel for Tuesday Morning commute 	Long Island and Southern CT	This Evening into Tuesday Afternoon. (Heaviest snow Midnight thru Tuesday Morning)
Snow		<ul style="list-style-type: none"> Wet Snowfall of 2-4" possible. Visibilities down to 1/2 mile. Slippery travel for Tuesday Morning commute 	NE NJ, NYC, and Lower Hudson Valley	This Evening into Tuesday Morning (Steadiest snow Midnight thru Tuesday Morning)
Strong Winds		<ul style="list-style-type: none"> 20 to 30 mph with gusts to 40 mph. Scattered downed trees and powerlines due to heavy wet snow and winds. 	E LI and SE CT, weaker winds to the north and west	This Evening into Tuesday Afternoon (Strongest winds Midnight thru Tuesday Morning)
Marine		<ul style="list-style-type: none"> Wind gusts of 35-45 KT. Seas of 7-12 ft on the Ocean and 3-6 ft on Eastern LI Sound. 	Ocean Waters and Eastern Nearshore Waters	This Evening into Tuesday Afternoon
Coastal Impacts		<ul style="list-style-type: none"> Minor coastal flooding possible. Inundation of 1 to 2 ft above ground in vulnerable areas. Locally moderate impacts due to wave action along north shore of LI and twin forks. 	Vulnerable locales along LI Sound and Southern and Eastern Bays of Long Island.	During time of Tuesday Morning high tides

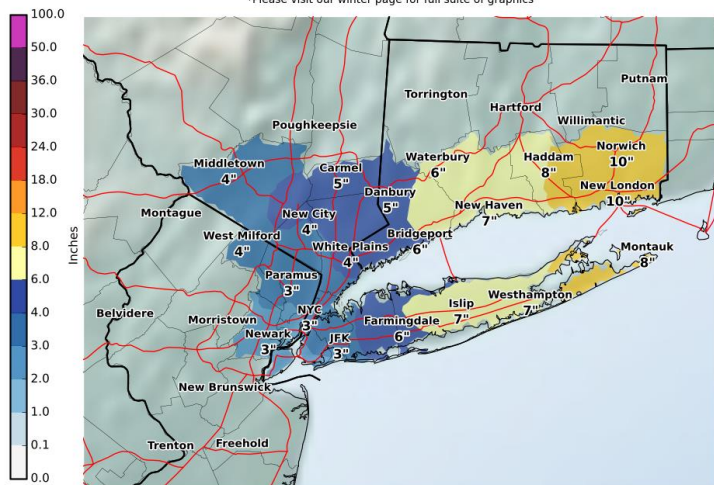
Summary of Greatest Impacts



Expected Snowfall - Official NWS Forecast

Valid: 03/12/2018 02:00 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 03:45 AM EDT

Follow Us: [f](#) [t](#) [v](#)
weather.gov/nyc/winter

Heavy Snow

Hazards:

- ✓ 5-10" for LI and CT, highest East
- ✓ Snowfall rates of 1-2"/hr
- ✓ Vsby ¼ mile or less
- ✓ 2-4" for NYC, NE NJ and Lower Hud
- ✓ 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:

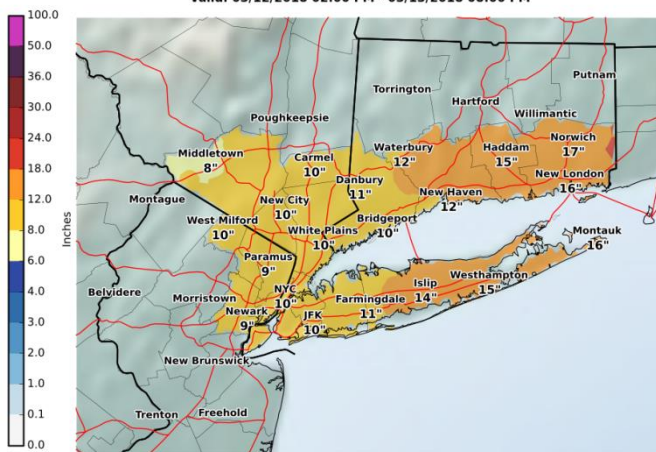
- ✓ Heaviest snow from Midnight through Tuesday morning.

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

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

Valid: 03/12/2018 02:00 PM - 03/13/2018 08:00 PM



National Weather Service
New York NY
03/12/2018 03:46 AM EDT

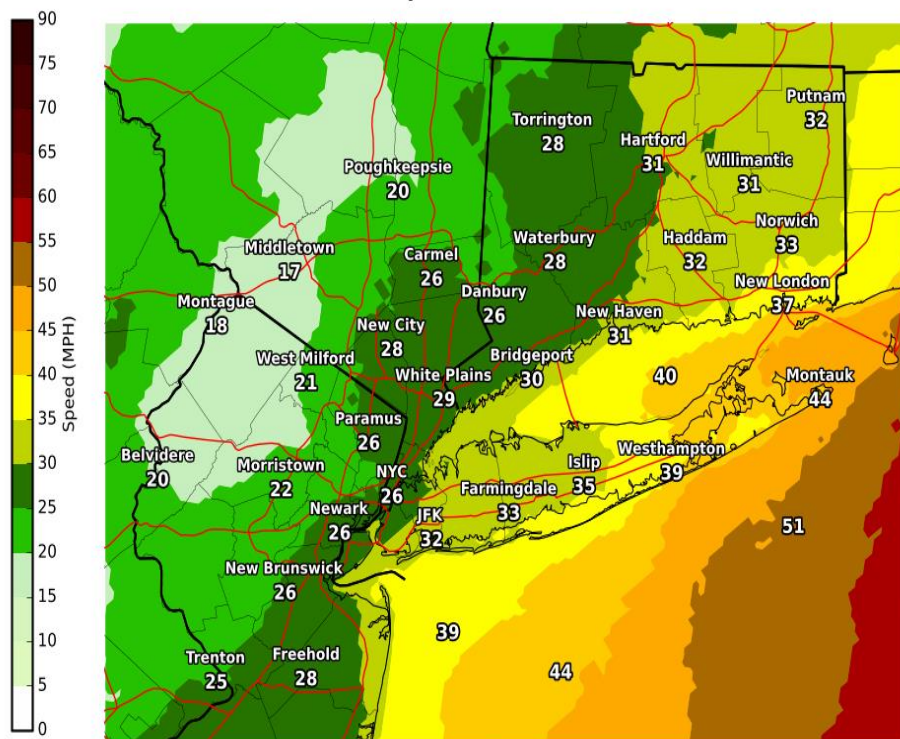
Follow Us: [f](#) [t](#) [v](#)
weather.gov/nyc/winter



Strong Winds

Wind Gusts

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



National Weather Service
New York NY
03/12/2018 05:18 AM EDT

Follow Us:



weather.gov/nyc

Hazards:

- ✓ Northerly winds of 20 to 30 mph with gusts up to 40 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 from Midnight 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 midnight through Tuesday Morning.
- ✓ Strong northerly winds of 20 to 30 mph with gusts to 40 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



Next Briefing

When: Around 600 PM Today



Web:

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



Phone (public):

631-924-0517



Facebook:

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



Twitter:

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



YouTube:

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

Disclaimer: *The information contained within this briefing is time-sensitive, do not use after 6 PM (03/12/18).*

