

Winter Storm Today into Tonight

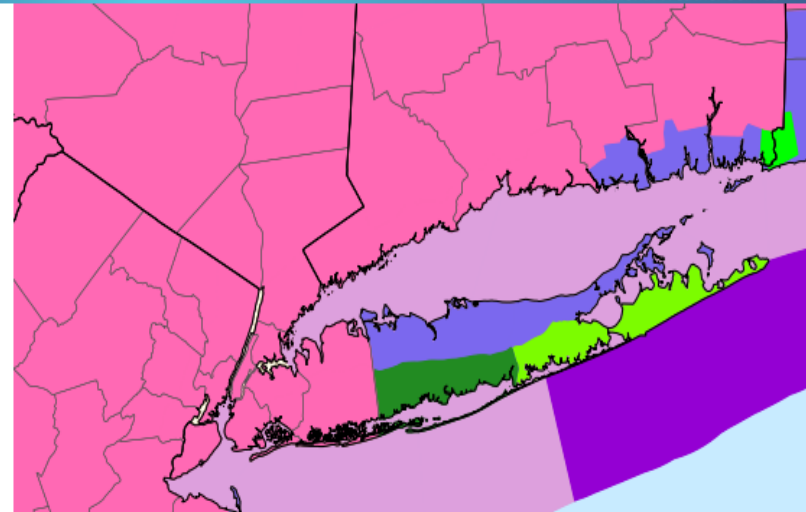
Decision Support Briefing #5 As of: 645 AM Mar 07, 2018

What Has Changed?

- ✓ Storm Track Shifted 20-40 miles to the S/E - increased snow totals over most of the Tri-State
- ✓ Winter Storm Warning Issued for Southern Queens and Southern Nassau Counties
- ✓ Storm Warning Issued for the Coastal Ocean Waters South of the South Fork of Long Island





Current Watches, Warnings, and Advisories

- Winter Storm Warning
- Storm Warning
- Coastal Flood Warning
- Flood Warning
- Gale Warning
- Winter Weather Advisory
- Coastal Flood Advisory
- Wind Advisory
- Flood Watch

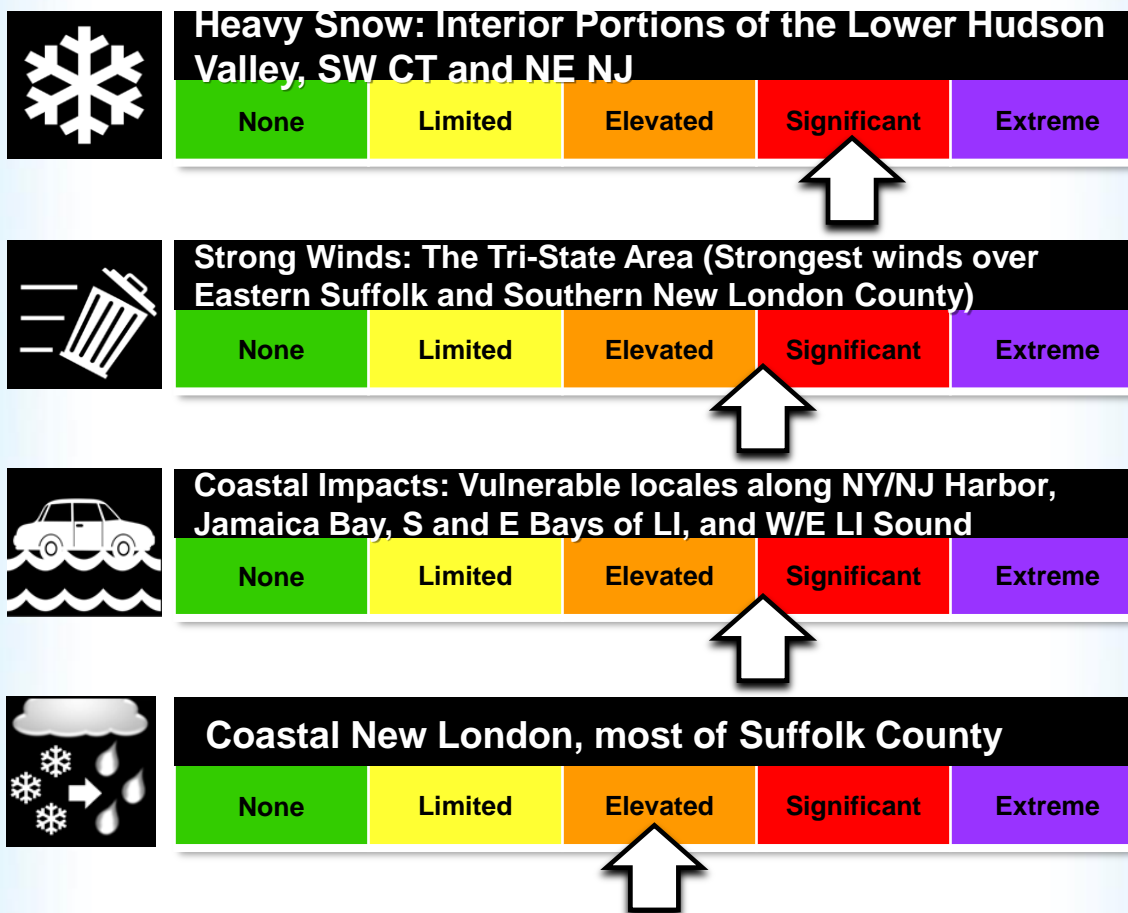


Graphic Created
March 7th, 2018
6:40 AM EST

Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	<ul style="list-style-type: none"> • 12-20" of snowfall with locally higher amounts possible. Snowfall rates of 1-3+/hr". Dangerous-Impossible Travel • 4-12" of snowfall with locally higher amounts possible. Snowfall Rates of 1-2"/hr. Hazardous Travel 	<ul style="list-style-type: none"> → Interior Portions of the Lower Hudson Valley, SW CT and NE NJ → NYC Metro/Coastal SW CT/Interior SE CT 	<p>Heaviest Snowfall 10AM - 8PM</p>
Strong Winds 	<ul style="list-style-type: none"> • 15-30 mph with gusts of 25-55mph • Any downed trees and power lines will cause power outages • Near white out conditions at times, especially across interior 	<p>The Tri-State Area (Strongest winds over Eastern Suffolk and Southern New London County)</p>	<p>Strongest winds 1pm-8pm</p>
Coastal Impacts 	<ul style="list-style-type: none"> • Moderate coastal flooding. Inundation of 2 to 3 ft above ground. • Minor coastal flooding. Inundation of 1 to 2 ft above ground. 	<ul style="list-style-type: none"> → Vulnerable Locales along Jamaica Bay/S Bays/Inlets of S Nassau and SW Suffolk This afternoon – minor tonight → Vulnerable locales along NY Harbor, parts of S and E Bays of LI, and LI Sound (this afternoon and parts tonight) 	<p>High tide early this afternoon and late tonight/early Thursday morning</p>
Snow to Rain 	<ul style="list-style-type: none"> • 2 to 6" of snow • Snow mixing with or changing to rain at times (most likely Twin Forks) 	<p>Coastal New London, most of Suffolk County.</p>	<p>Into this evening</p>

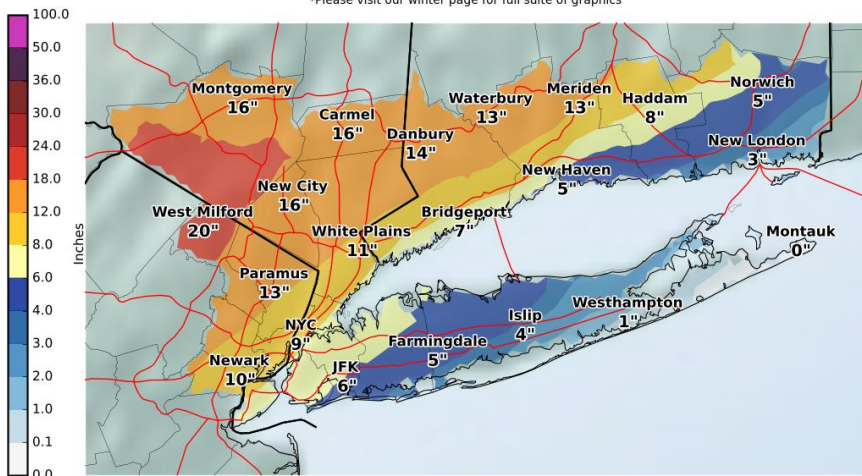
Summary of Greatest Impacts



a) * Impacts from wind elevated-significant due to wet conditions, heavy snow and previous storm impacts

Heavy Snow

Expected Snowfall - Official NWS Forecast
 Valid: 03/07/2018 04:00 AM - 03/08/2018 07:00 AM
 *Please visit our winter page for full suite of graphics



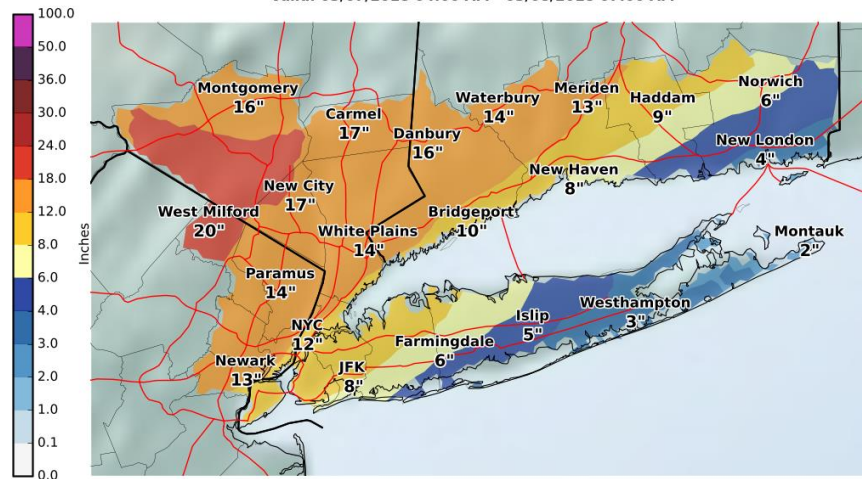
- ✓ Storm track shifting to S/E increased snow totals
- ✓ Heavy Snow Band NE NJ/Lower Hudson Valley/SW CT



National Weather Service
 New York NY
 03/07/2018 04:08 AM EST

Follow Us: weather.gov/nyc/winter

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
 Valid: 03/07/2018 04:00 AM - 03/08/2018 07:00 AM



National Weather Service
 New York NY
 03/07/2018 04:09 AM EST

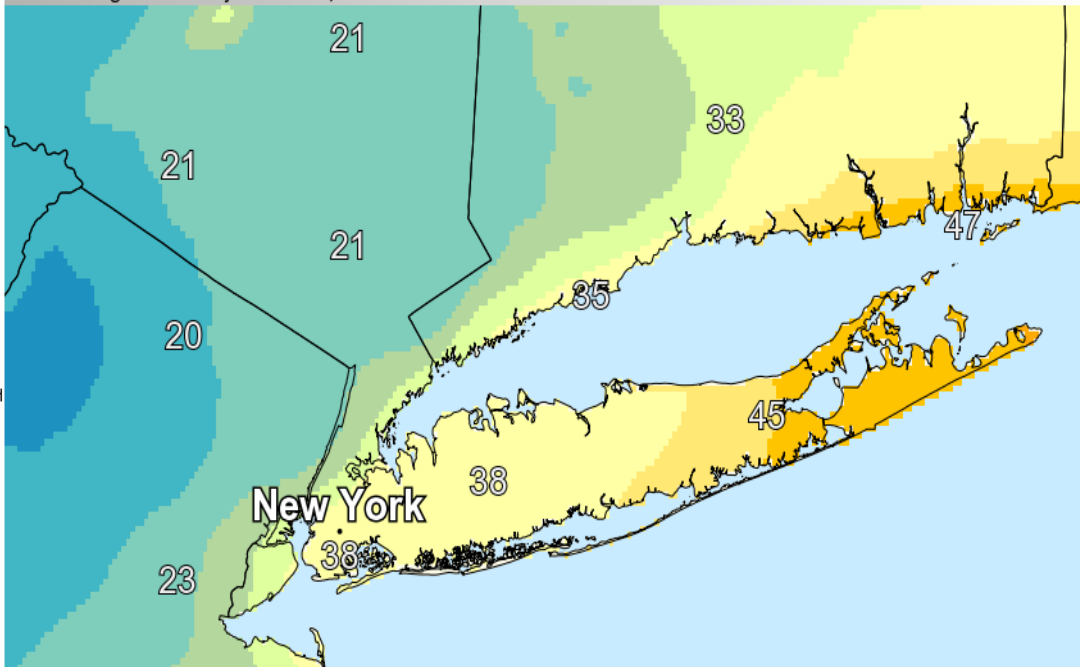
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Strong Winds

Forecast Wind Gusts



Valid Ending Wednesday March 7th, 2018 at 4 PM EST

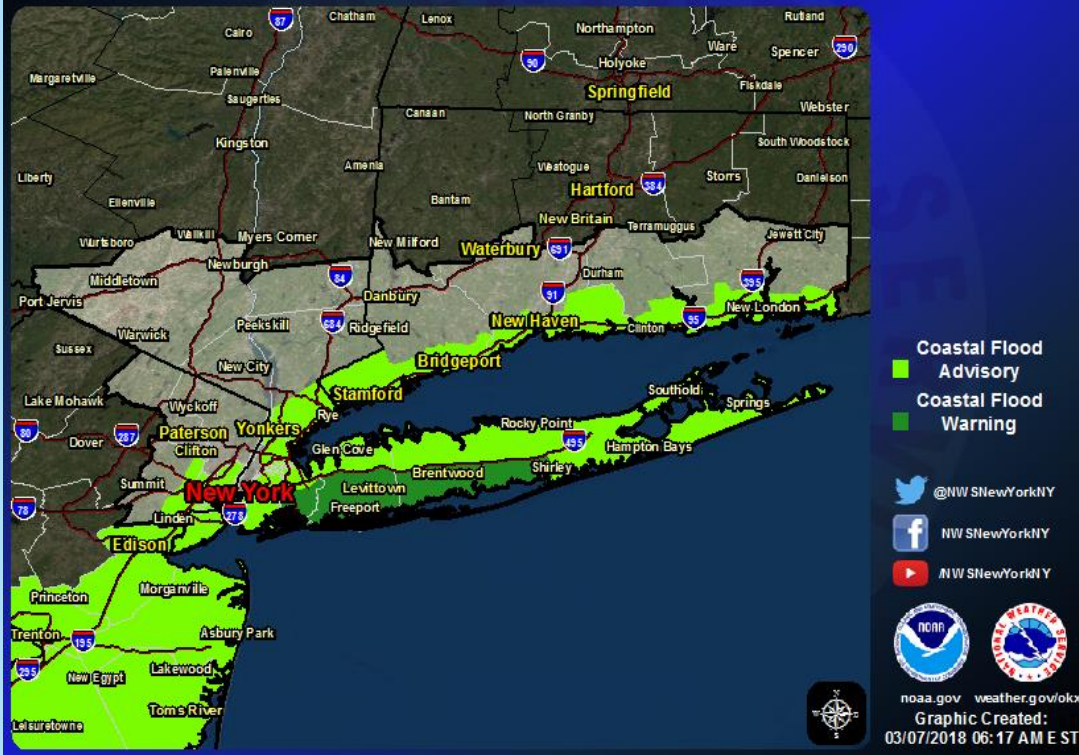


Graphic Created
March 7th, 2018
7:38 AM EST

- ✓ Wind Gusts 40-55 mph expected over coastal areas this afternoon and evening
- ✓ Strongest Winds E Suffolk/S New London
- ✓ Downed tree limbs and power lines likely, especially in coastal areas

Coastal Flooding

National Weather Service New York, NY Active Coastal Weather Hazards



- ✓ Moderate Coastal Flooding early this afternoon S Queens/S Nassau/SW Suffolk
- ✓ Minor Coastal Flooding Elsewhere
- ✓ Minor Coastal Flooding S Queens/S Nassau/SW Suffolk/W LI Sound late tonight



Forecast Uncertainty

- ✓ If current trend of a track farther to the S/E continues, then snowfall totals will need to be increased across NYC/S CT and Long Island. Winter Storm Warnings might need to be expanded as a result.
- ✓ There is a very low chance for thunder over mainly southern portions of the Tri-State this afternoon/early evening. If this happens, any rain will change to snow, with locally heavy snowfall likely.



Event Summary

- ✓ Heavy Wet Snow across Interior
 - ✓ Downed tree limbs and powerlines
 - ✓ Snowfall rates 1 to 2+ "/hr will make for travel difficult to nearly impossible.
- ✓ Snow will mix with rain mainly over most of Suffolk County and coastal SE CT, with significantly lesser amount working south and east.
- ✓ Heaviest precipitation falls from around noon to 8 pm.
- ✓ Strong easterly winds of 20 to 30 mph with gusts 40 to 55 mph along the coast.
- ✓ Widespread minor to locally moderate coastal flooding expected during high tide Wednesday afternoon. Widespread moderate flooding in the southern bays of Western LI and Jamaica Bay.