

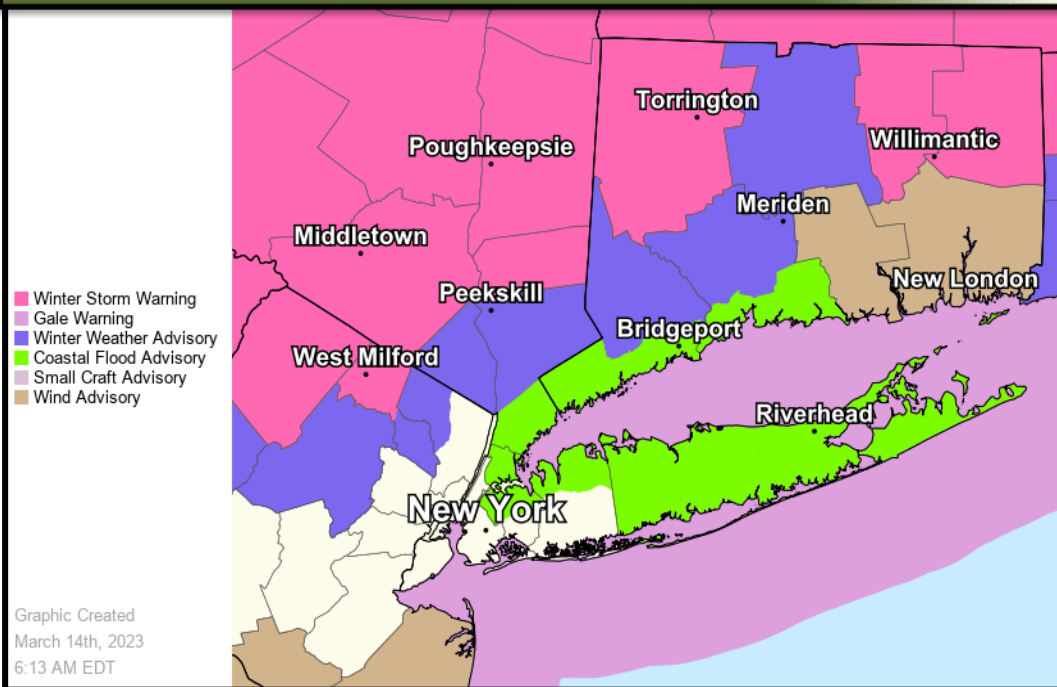
Nor'easter Through Tonight...

Briefing #4






Current Hazards

What's Changed?

- Reduction of snowfall totals in southeastern CT.
- Winter weather advisories for New London and Middlesex CT have been cancelled.
- Wind advisory is now in effect for New London and Middlesex Counties in CT.

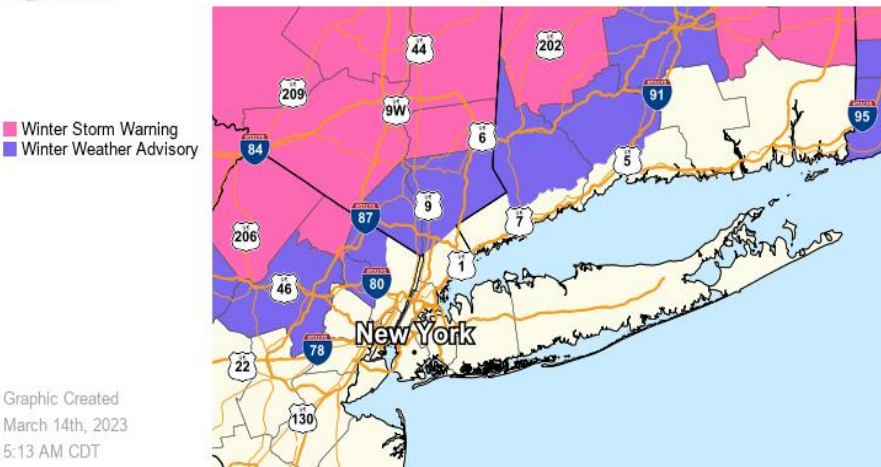


Main Points – Nor'Easter

Hazard	Impacts	Location	Timing
<p>Heavy Snow 5-10" likely, locally 1ft+ possible above 750ft Winter Storm Warning</p> 	<ul style="list-style-type: none"> • Snowfall Rates of 1-2"/hr likely this morning • Scattered to numerous downed tree limbs and powerlines • Difficult travel 	<p>Interior portions of Lower Hud and NE NJ. Highest impact across elevations above 750 ft.</p>	<ul style="list-style-type: none"> • Snow tapering late this afternoon.
<p>Heavy Rain to Snow 2-2 1/2" of rain likely, locally 3" possible. 1-6" of snow accum N&W of NYC/coast</p> 	<ul style="list-style-type: none"> • Rainfall of 1" in 6hr, 2" in 12hr through this morning. • Scattered areas of minor urban/small stream flooding likely • Rain may change to snow for a brief period late this afternoon. 	<p>NYC/NJ metro, SE CT and coastal areas.</p>	<ul style="list-style-type: none"> • Rain and any snow tapers this evening.
<p>Strong Winds W/NW winds 25-35 w/ Gusts 45-50mph, isolated 50 to 60 mph</p> 	<ul style="list-style-type: none"> • Scattered downed tree limbs and power lines. 	<p>Highest winds for E LI/ SE CT Rest of the area...W/NW wind 20-30 w/ gusts 40-45 mph.</p>	<ul style="list-style-type: none"> • Late Today into tomorrow morning.
<p>Coastal Impacts 1 to locally 2 ft flooding above ground level (AGL)</p> 	<ul style="list-style-type: none"> • Minor to locally moderate coastal flood impacts • Scattered dune erosion 	<p>Locally moderate coastal flood threat along Peconic, Gardiners Bay, W LI Sound, and W Great South Bay</p>	<ul style="list-style-type: none"> • Times of high tide through this morning.
<p>Marine Gale conditions</p> 	<ul style="list-style-type: none"> • Seas 8-12 ft on the Ocean • Seas 3-5 ft central/eastern Long Island Sound and twin forks 	<p>Nearshore Waters</p>	<ul style="list-style-type: none"> • Tonight into tomorrow.

Heavy Snow Interior / Rain to Snow City/Coast

Winter Watches Warnings and Advisories



NYC/NJ metro and Coast. Rain changing to snow into this afternoon from NW to SE.

- ✓ **Snow Accum:** Trace to 1"
- ✓ **Timing:** Rain changes to snow from NW to SE this afternoon.
- ✓ **Snowfall rates:** Up to 1/2"/hr possible this afternoon.
- ✓ **Snow Character:** Wet
- ✓ **Temps:** Lower to mid 30s
- ✓ **Impacts:** **Accumulation mainly on grassy surfaces. Potential for slushy accumulation on untreated roadways this afternoon.**

Hazards and Impacts:

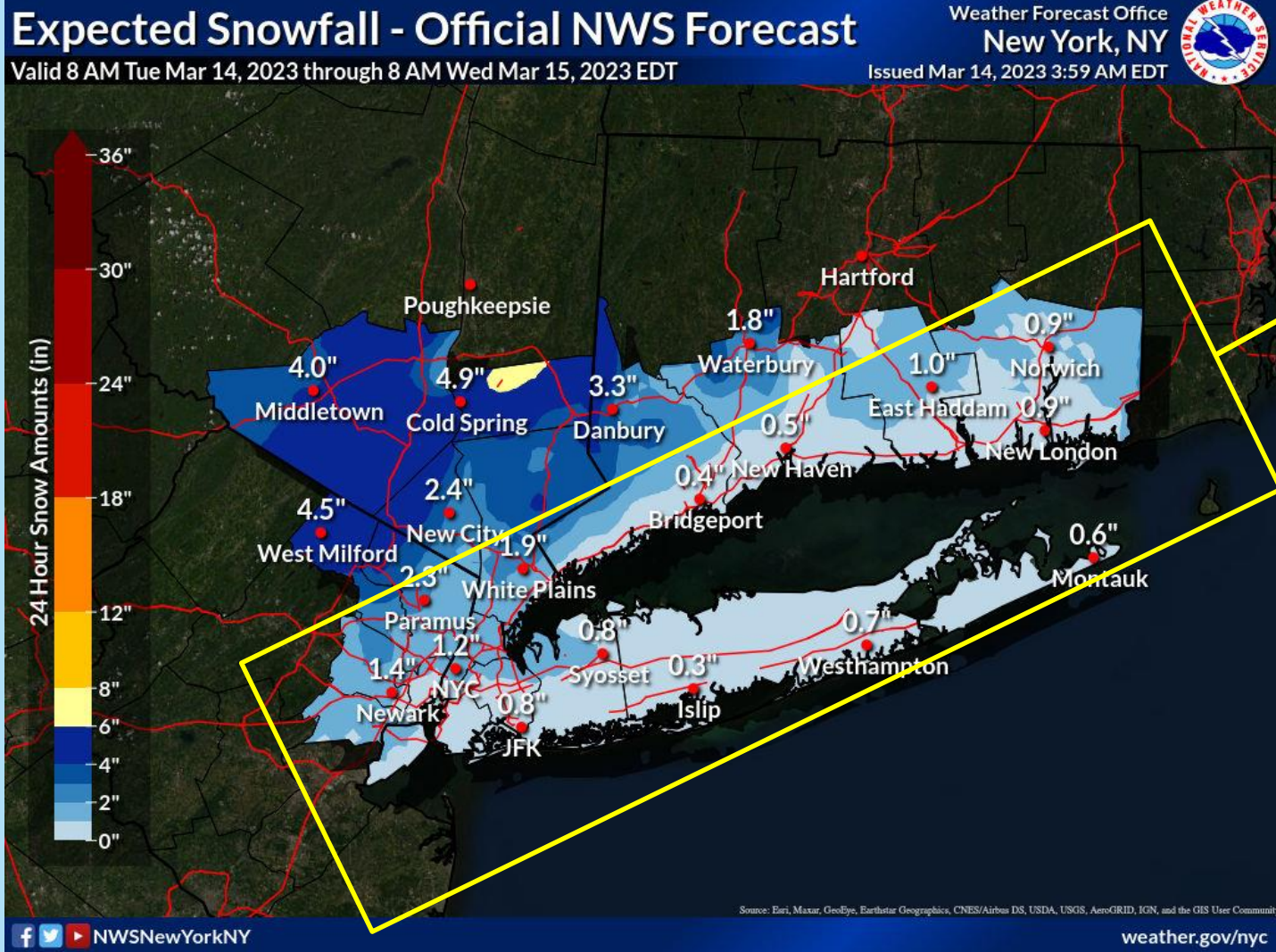
Interior portions of Lower Hud and NE NJ - Winter Storm Warning

- ✓ **Snow Accum:** 5-10". Locally 1+ ft possible. Highest amounts likely above 750ft.
- ✓ **Timing:** Periods of moderate to heavy snow through this evening, before coming to an end by around midnight.
- ✓ **Snowfall rates:** 1-2" per hour
- ✓ **Snow Character:** Wet
- ✓ **Temps:** Lower 30s
- ✓ **Impacts:** **Scattered to numerous downed trees limbs and powerlines. Potentially difficult travel for today's AM and PM commutes.**

Rockland, N. Westchester, W. Bergen, E. Passaic and interior S CT. Rain changing to snow this morning.

- ✓ **Snow Accum:** 2-6", heaviest across northern areas and highest elevations.
- ✓ **Timing:** Rain changes to snow from NW to SE this morning.
- ✓ **Snowfall rates:** Up to 1"/hr through this afternoon
- ✓ **Snow Character:** Wet
- ✓ **Temps:** Lower to mid 30s
- ✓ **Impacts:** **Potential for locally moderate to heavy snow, and slushy/snow covered roads for today's AM and PM commutes making for difficult travel.**

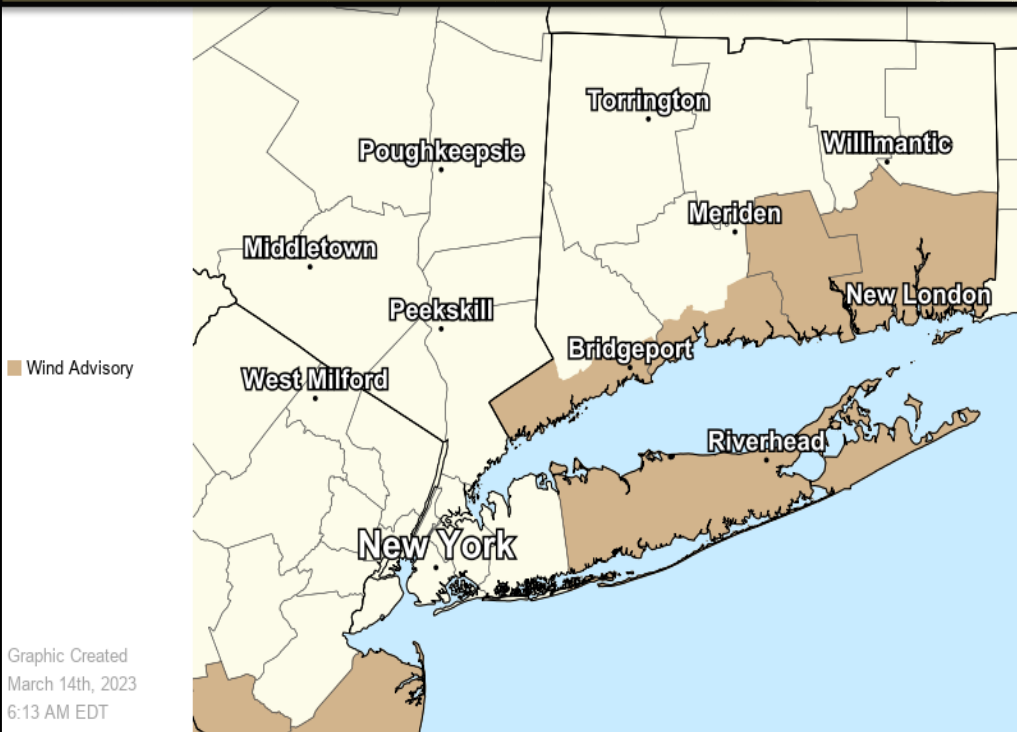
Additional Expected Snowfall – Official Forecast



The greatest uncertainty in snow amounts is in the boxed area. It will be dependent on the existence of an intense snow band in this area.

Strong Winds

Wind Related Hazards



Hazards and Impacts:

Eastern Long Island and southeastern CT

- ✓ Today: East winds of 20 to 30 mph with gusts of 35 to 45 mph.
- ✓ This evening thru tomorrow AM: **Wind Advisory** - W/NW winds of 25 to 35 mph with gusts 45 to 50 mph late this evening into tomorrow AM.
- ✓ **Impacts: Scattered downed tree limbs and powerlines. A few trees could be downed.**

NYC and rest of coast

- ✓ This evening into Tonight: East winds of 20 to 25 mph with gusts 35 to 40 mph.
- ✓ This evening into tomorrow: W/NW winds of 25 to 30 mph with gusts 40 to 45 mph. Isolated gusts to 50 mph possible.
- ✓ **Impacts: A few downed tree limbs and powerlines.**

Interior

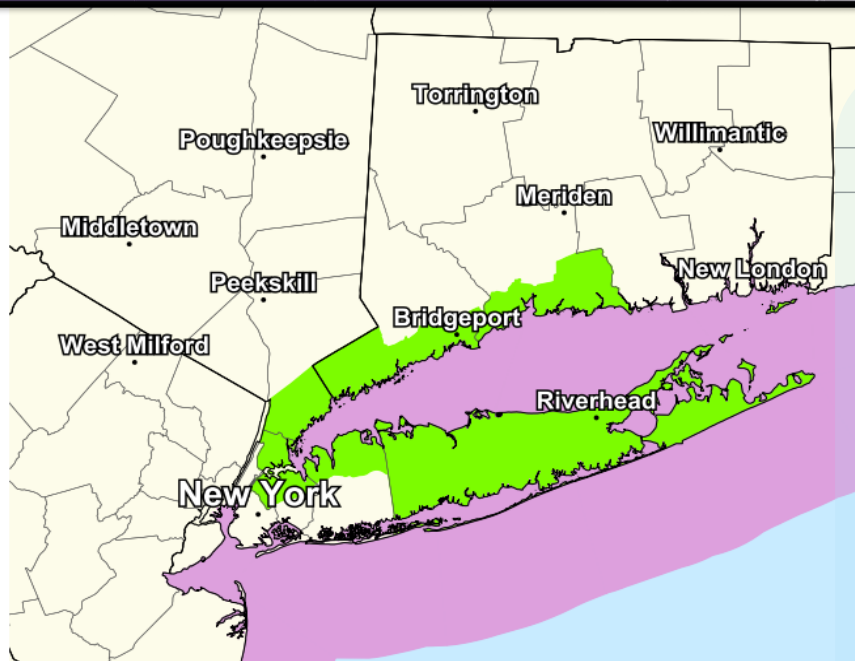
- ✓ Late this evening thru tomorrow AM: W/NW winds of 20 to 25 mph with gusts 30 to 40 mph.
- ✓ **Impacts: Scattered to numerous downed tree limbs and powerlines possible due to snow load and winds.**

Forecast Challenges:

The probability for damaging wind gusts, mainly across E LI and SE CT, is low at this time.

Minor to Locally Moderate Coastal Flooding

Marine / Coastal Hazards



Coastal Flood Hazards and Impacts:

- ✓ **Coastal Flood Advisory:** Widespread minor to locally moderate coastal flooding (inundation 1 to 1 1/2 ft above ground) for vulnerable coastal communities in advisory area during this morning's high tide.
- ✓ Threat of localized moderate flooding (inundation around 2 ft above ground) mainly along western Great South Bay, W. LI Sound, and Peconic and Gardiners Bay

Shoreline Hazards and Impacts:




- ✓ 4-7' breaking waves along the oceanfront, resulting in beach erosion and flooding during times of high tide this AM. Minor erosion impacts to dune base possible.
- ✓ 2 to 4' breaking waves along Western LI sound and LI twin forks shoreline will result in beach erosion and wave splash over bulkheads and seawalls.

For the latest coastal flood forecasts (hydrographs and tables) and the tools to visualize the potential coastal impacts (zoomable potential inundation map, impact catalogs, climatology, etc.) in your area of concern please go to the [NWS New York, NY Coastal Flooding Page](#)

Graphic Created
March 14th, 2023
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Coastal Flooding Thresholds

	Minor (CF Advisory)	Moderate (CF Warning)	Major (Warning)
Picture	 Westport	 Lindenhurst	 New Haven
Hazard	<ul style="list-style-type: none"> • Low threat of property damage...and no direct threat to life. • 1 to 2 ft of inundation in shoreline and vulnerable areas. 	<ul style="list-style-type: none"> • Elevated threat of property damage...with a risk to life if one places themselves in unnecessary danger. • 2 to 3 ft of inundation in shoreline and vulnerable areas. • Minor to no inundation of surrounding coastal communities. 	<ul style="list-style-type: none"> • Significant threat to life and property. • 3-5+ ft of inundation in shoreline and other vulnerable areas. • Minor to moderate inundation (1 to 3 ft) of surrounding coastal communities that rarely experience coastal flooding.
Impact	<ul style="list-style-type: none"> • A few shoreline and vulnerable roadways and adjacent properties will experience shallow flooding. 	<ul style="list-style-type: none"> • Several shoreline and vulnerable area home and businesses will experience water inside. • Several low-lying coastal and shoreline roads will be closed. • A few cars may take on water or even be destroyed. 	<ul style="list-style-type: none"> • Evacuations will be necessary for the most vulnerable shoreline and coastal areas. • Many coastal communities will experience damage...with some shoreline and flood prone homes and businesses being destroyed. • Many cars will likely be submerged or washed away. • Several sections of nearshore roads and escape routes will be impassable and a few could be washed out. • Flood waters may extend well inland in low lying areas.

Event Summary

- ✓ A heavy wet snowfall is expected across interior portions of the Lower Hudson Valley and northeastern NJ. Greatest amounts expected in the elevations above 750 ft. **Scattered to numerous downed tree limbs and power lines are possible due to snow loading.**
- ✓ A light accumulating snowfall down to the city/coast through this afternoon remains possible, mainly on grassy surfaces.
- ✓ Strong easterly wind gusts to 45 mph are possible across E LI/SE CT today into tomorrow. Widespread northwesterly gusts 45 to 50 mph are possible.
- ✓ Minor to locally moderate coastal flooding along Western Great South Bay, Jamaica Bay, Western LI Sound, and Peconic and Gardiners Bay during this morning's high tide.