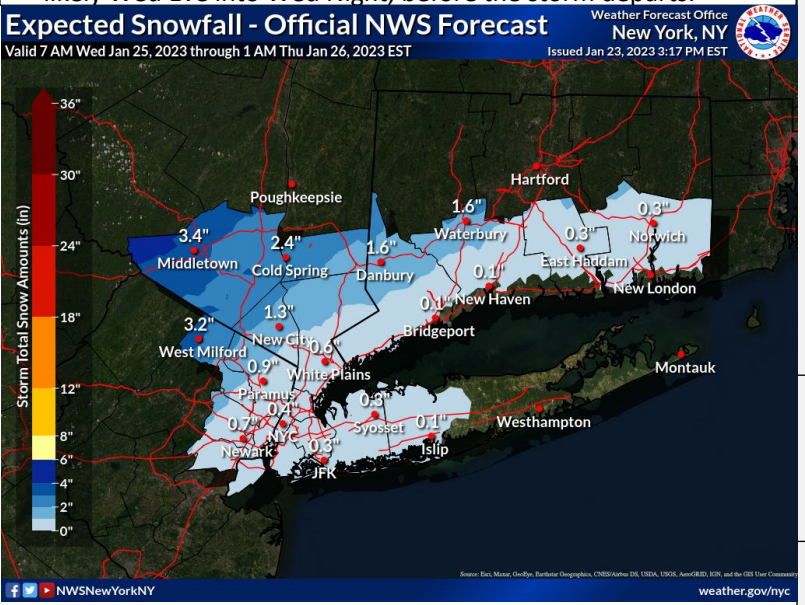
Accumulating Snowfall likely for the Interior on Wednesday

New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- A complex but quick moving low pressure system will bring an accumulating wet snowfall to the interior Wed, changing to rain Wed Eve, before ending Wed Night.
- Along the coast, snow will quickly change to rain, likely keeping snow accumulations minimal. Then a period of heavy rain, gusty winds, and minor to locally moderate coastal flooding is likely Wed Eve into Wed Night, before the storm departs.



HAZARDS & IMPACTS

- **Snowfall**:
- Western Passaic and Orange County - 2 to 5". Snow develops Wed Am, becomes moderate Wed Aft, then changing to rain Wed Eve.
- Interior portions of Lower Hudson Valley, NE NJ and S CT- 1 to 3". Snow develops Wed Am, continue Wed aft, then changing to rain by early Wed Eve.
- NYC/NJ metro, NW LI, coastal CT – Less than 1". Snow develops Wed Am, quickly changing to all rain Wed Aft.
  - **Snowfall Rates**: 1"/hr possible across the interior
  - **Snowfall Character:** Wet and heavy
- **Rainfall/Liquid Equivalent:** 1 to 1 ½ inches likely. Locally 2" possible. Minor urban flooding and minor small stream flooding for fast responding small rivers and streams in NE NJ, Lower Hud, and SW CT.
- **Peak Winds:** Southeast gusts of 30 to 40 Wed Eve/Night along the coast, becoming west at the same speed on Thu.
- **Coastal Flooding:** Widespread minor (1 to 2 ft of inundation AGL) for vulnerable LI Sound, NY/NJ harbor, tidally affected NE NJ rivers, and eastern LI bay coastal communities for the Wed Night high tidal cycle. Locally moderate (2 to 2 1/2 ft of inundation) possible for vulnerable south shore bay communities of Queens and Nassau, and shoreline communities of coastal CT and Westchester .

FORECAST CHALLENGES

- Intensity and coverage of snowfall at the onset Wed morning and timing of transition from south to north Wed aft/eve will predicate how much snowfall, particularly the interior receives. This will be refined over the next 36 hrs.

NEXT BRIEF

- By 6AM Tuesday.

Most Likely Snowfall Accumulation – Official Forecast

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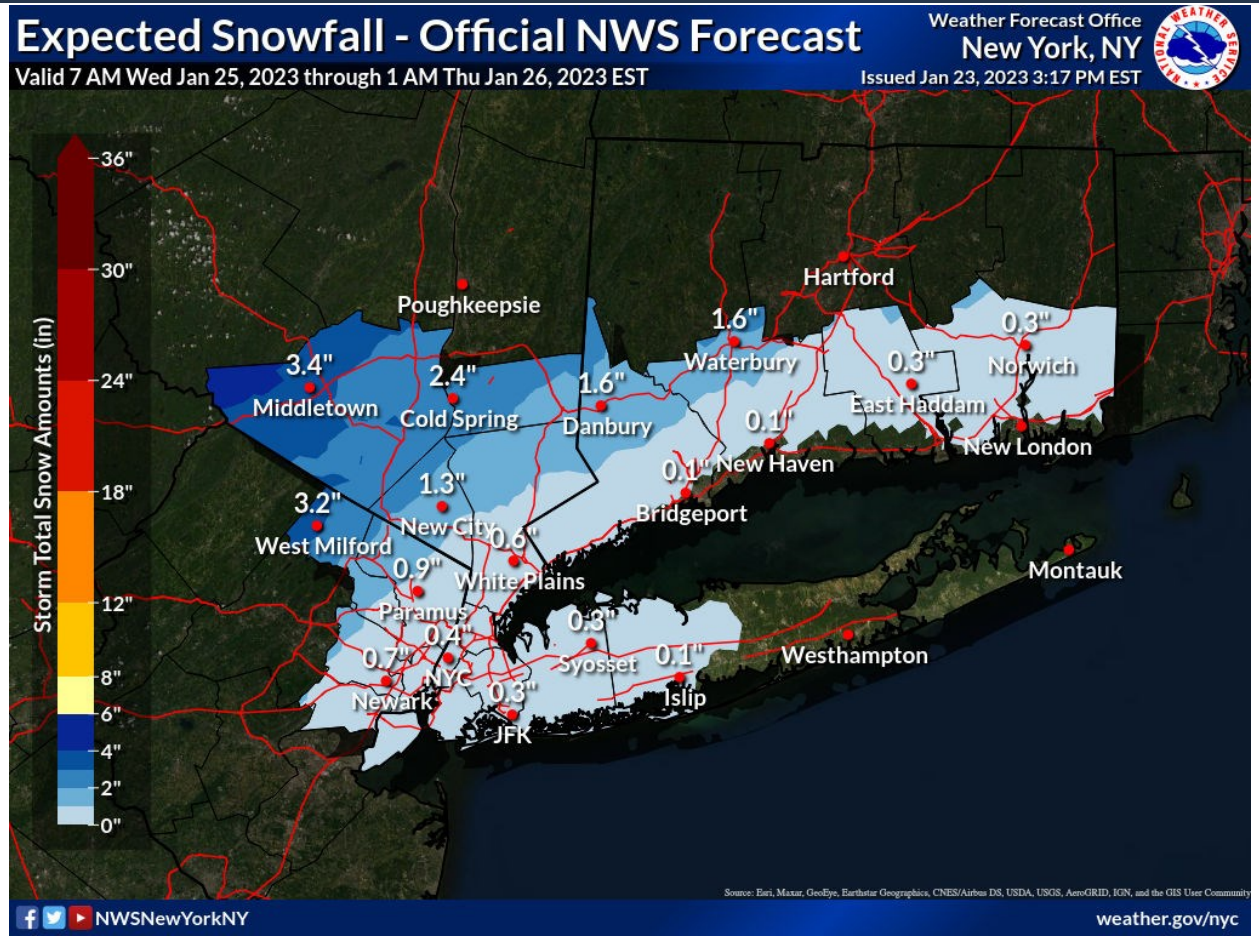

Probabilistic NWS New York Snowfall Forecasts

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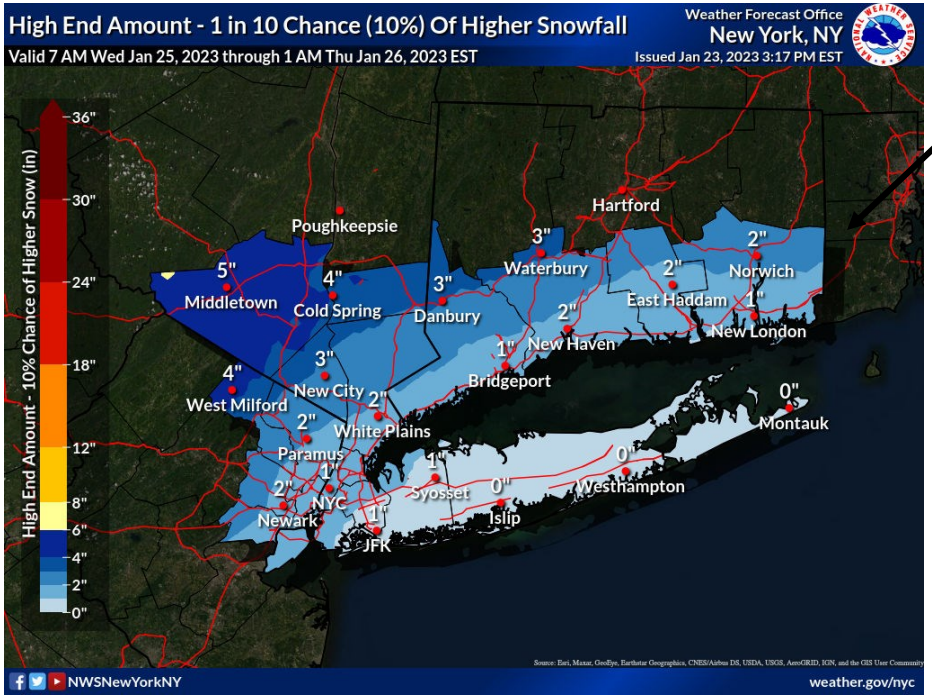
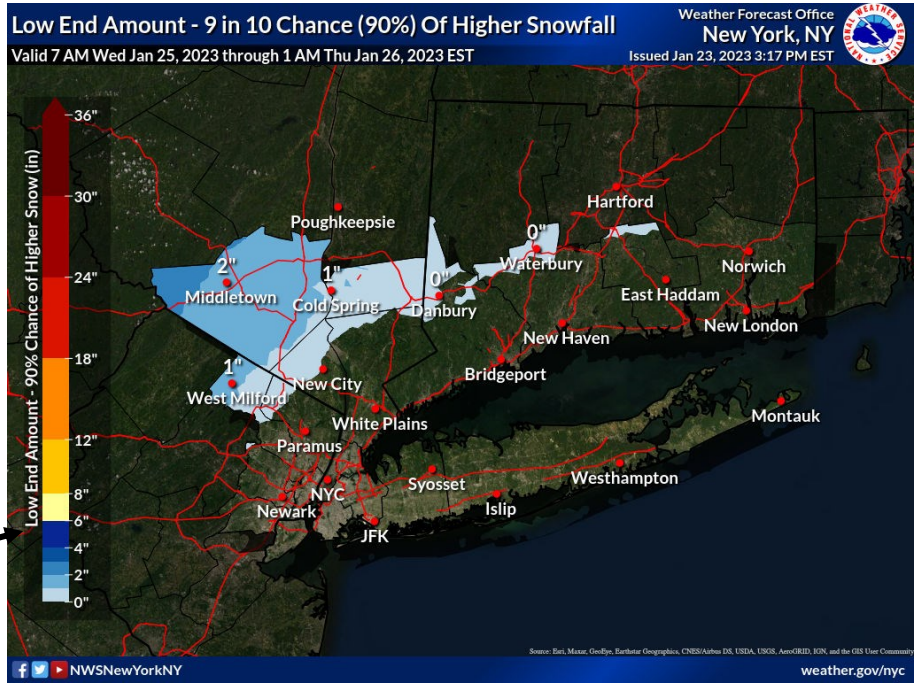


Snow amounts could be close to these levels if transition to rain is slower than official forecast, or if intensity of snow is heavier before changeover.



Expect at least this much snow. This scenario is plausible if changer over from snow to rain is quicker than official forecast.

Most Likely Rainfall/Liquid Equivalent – Official Forecast

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