



Winter Storm Potential Sunday into Sunday Night

January 18, 2025
4:43 AM

Arctic Air Expected Monday Through Much of Next Week

Overview

A quick moving low pressure passes south and east of Long Island Sunday into Sunday night bringing accumulating snow. Arctic air then settles over the region Monday through much of next week (See last slide for more details on the arctic air).

What's Changed?

No changes to hazards. Snow totals decreased a bit for coastal areas, mainly Long Island and southeastern Connecticut.

HAZARDS & IMPACTS

Lower Hudson Valley, Interior NE NJ and Most of Interior Southern CT

- 5 to 8 inches of snow resulting in snow covered roads and hazardous travel Sunday afternoon into Sunday night.
- Peak snowfall rates ½ to 1” per hour at times.

NYC Metro, Long Island, Southern Westchester, Coastal CT, and Northern New London County CT

- 2 to 5 inches of snow, highest towards the NYC metro resulting in slippery travel and snow covered roads Sunday afternoon into Sunday night.
- The snow may begin as rain or a mix of rain/snow across eastern Long Island and southeast Connecticut Sunday Afternoon. Portions of eastern Long Island may remain primarily rain.
- Peak snowfall rates ½ to 1” per hour at times, highest closer to the NYC metro, southwestern coastal CT, and southern Westchester.

NWS ALERTS

- **Winter Storm Watch for Lower Hudson Valley, Interior NE NJ, and Most of Interior Southern CT 12pm Sunday through 4am Monday**

FORECAST CHALLENGES

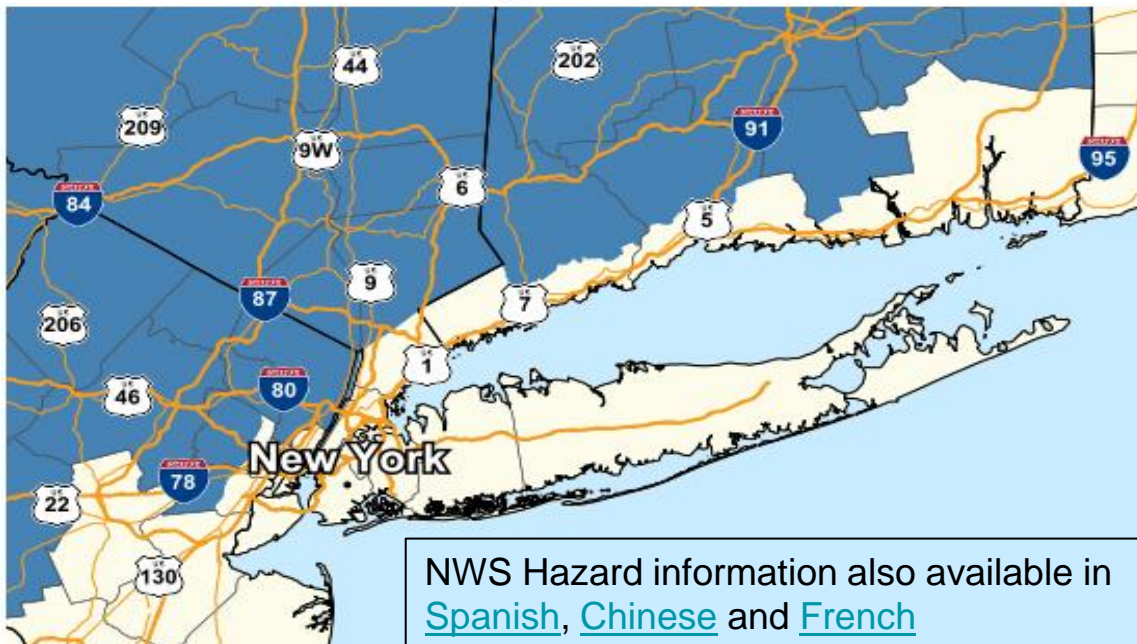
- If the low pressure tracks closer to the coast, snow amounts may need to be reduced, especially from the NYC metro on east, but could increase totals inland.
- If the low pressure tracks further offshore, snow amounts may need to be reduced inland, but may increase totals near the coast.
- Location of any heavier snow banding will be refined as the event unfolds.

NEXT BRIEF

By 6 PM Saturday.



Winter Watches Warnings and Advisories



NWS Hazard information also available in [Spanish](#), [Chinese](#) and [French](#)

Graphic Created
January 18th, 2025
3:22 AM CST



Most Likely Snowfall - Official Forecast

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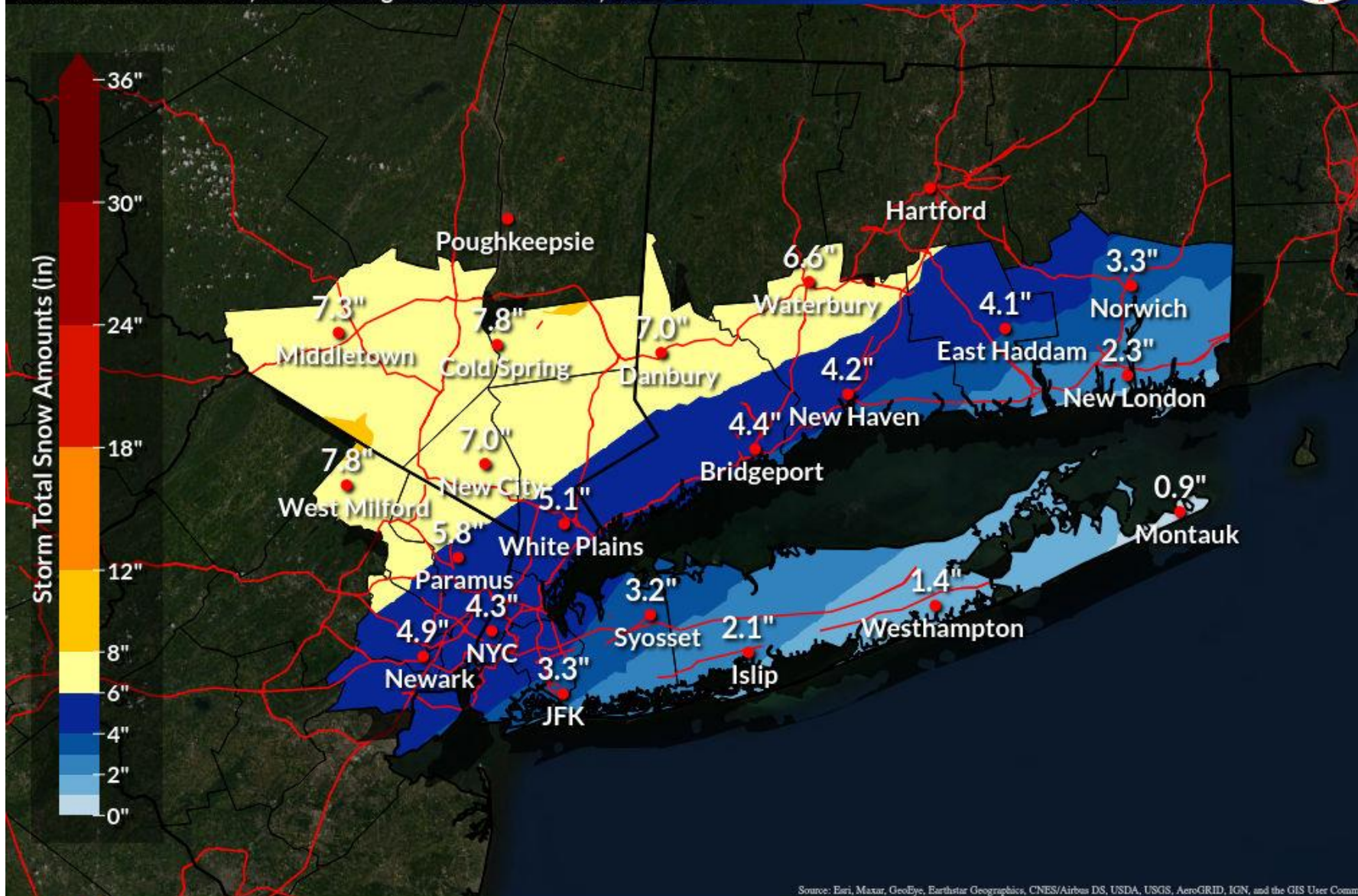
Expected Snowfall - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid 7 AM Sun Jan 19, 2025 through 7 AM Mon Jan 20, 2025 EST

Issued Jan 18, 2025 3:59 AM EST



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWSNewYorkNY

weather.gov/nyc



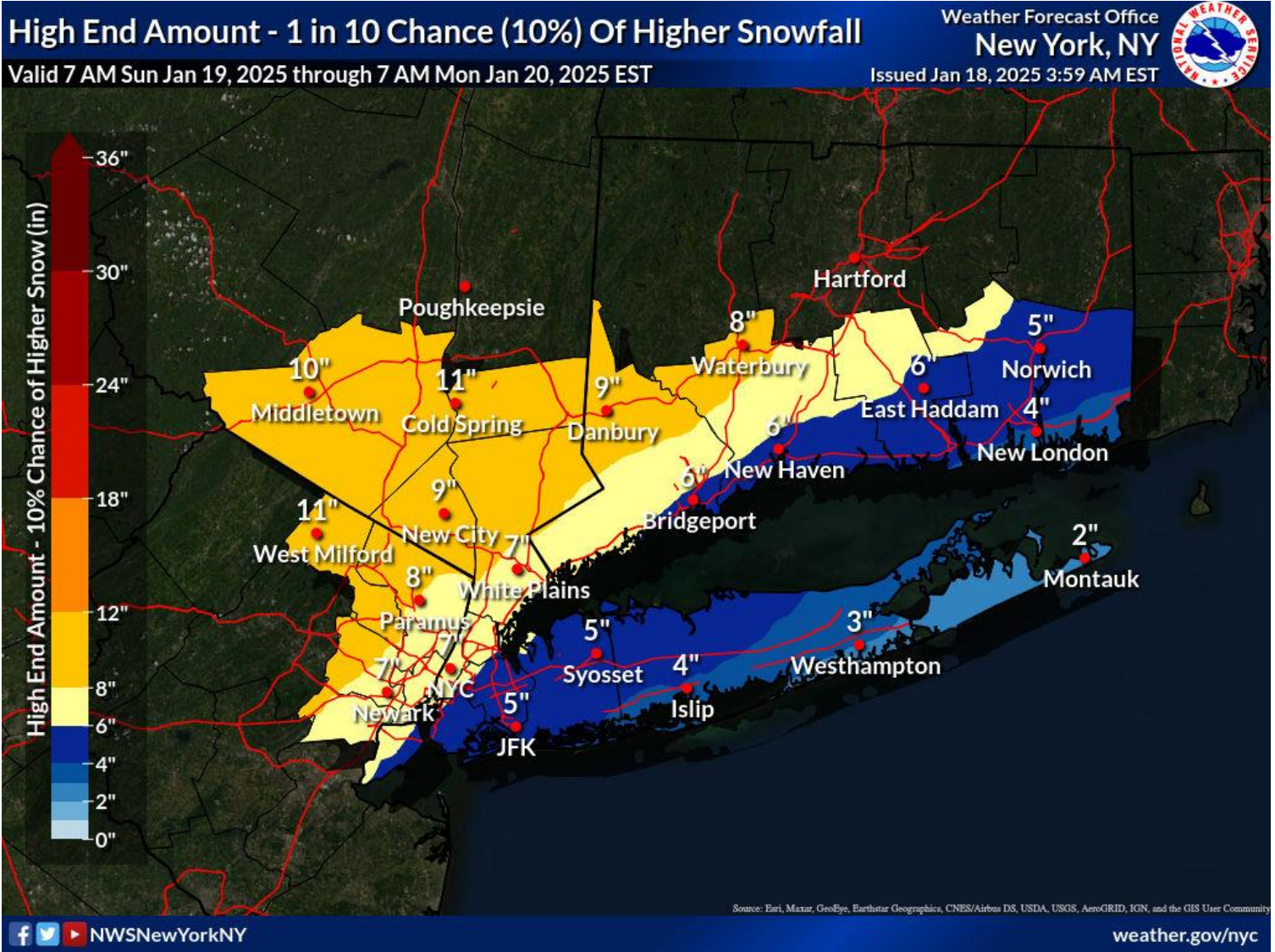
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY

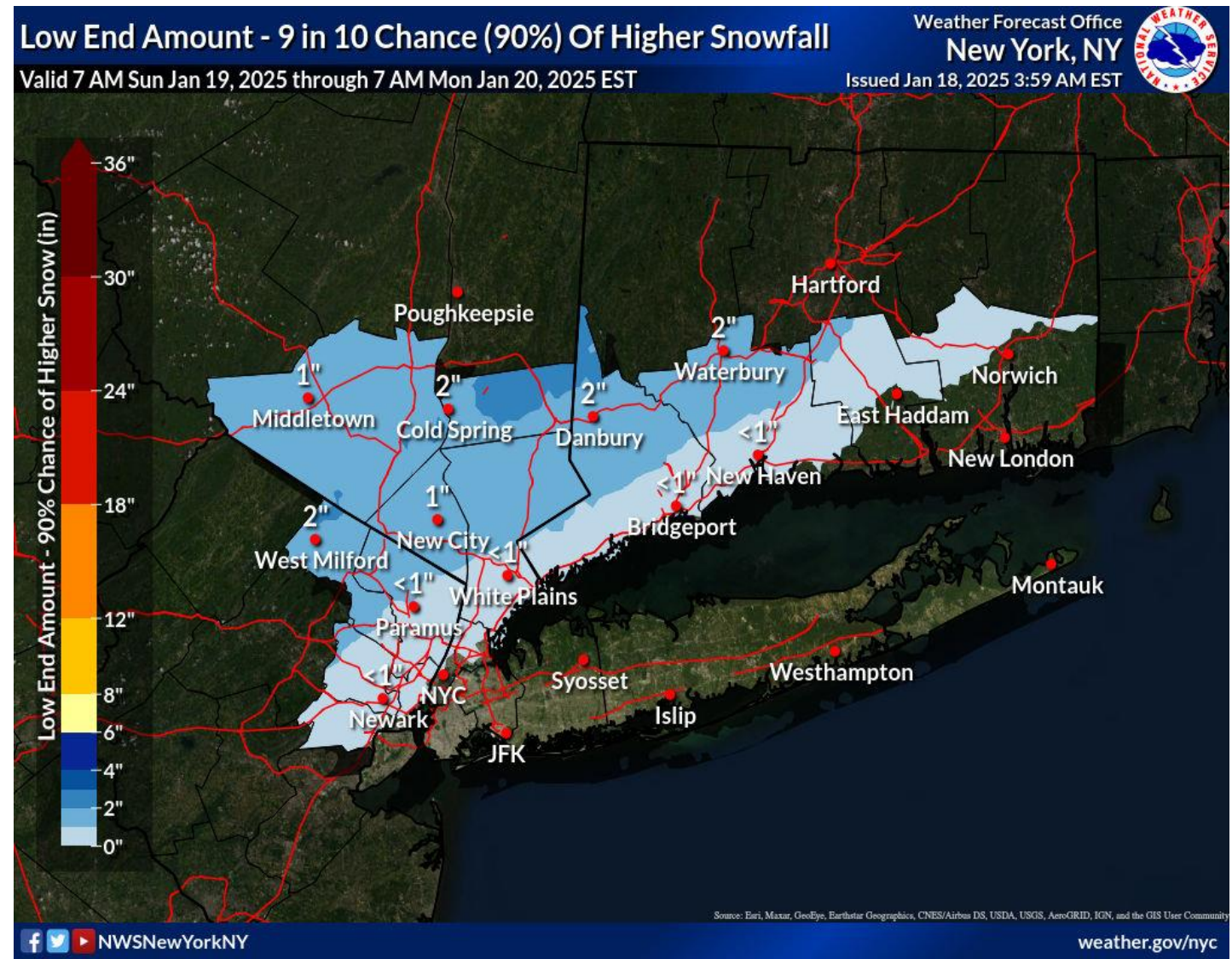


Probabilistic Snowfall Forecast

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Snow amounts could be close to these levels if heavier snow banding develops over a particular region...

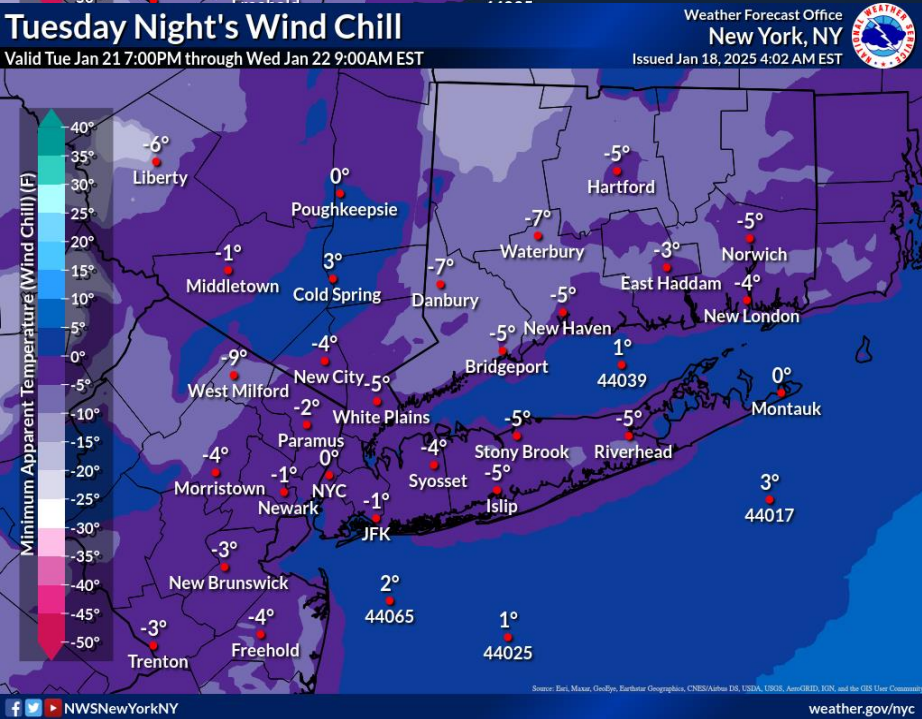
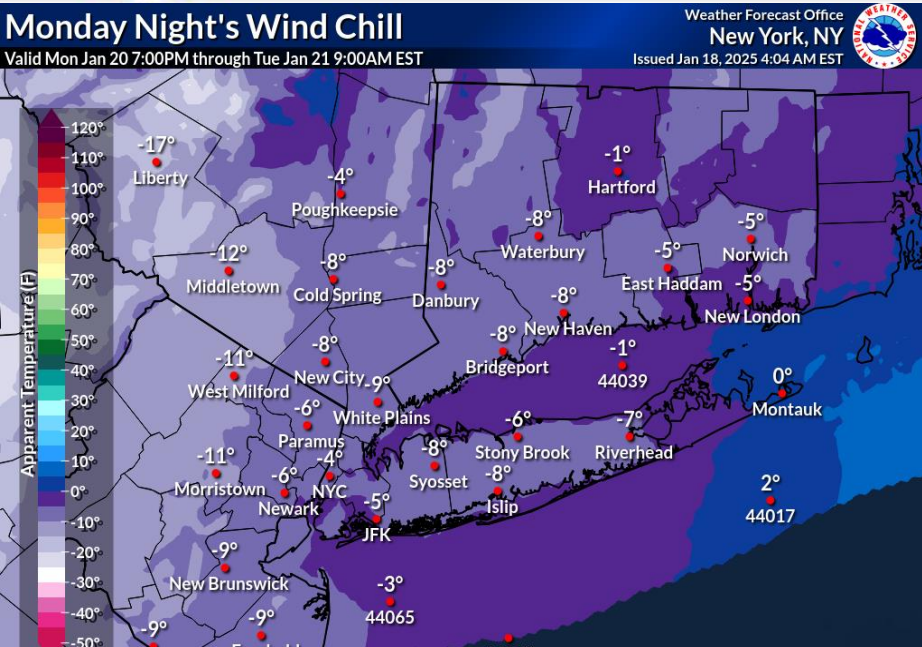


Expect at least this much snow. Snow amounts could be this low if the storm tracks closer to the coast (warmer system) or much further offshore (less moisture)



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Temperatures

- High temperatures in the 20s Monday and then in the teens to around 20 degrees on Tuesday and Wednesday. Some moderation is possible Thursday with highs in the 20s. Temperatures Friday may reach 30-35 degrees.
- Low temperatures Monday night, Tuesday night, and Wednesday night will be in the single digits.

Wind Chills

- As low as -5 to -15°F on Monday night into early Tuesday morning and 0 to -10°F Tuesday night into early Wednesday morning. Cold Weather Advisories may be needed.
- Wind chills during the daytime Tuesday and Wednesday are forecast to be in the single digits.

Impacts:

- Poorly insulated water pipes and infrastructure may freeze/burst, leading to water damage and/or disruptions in water supply.
- Possible impacts to utility infrastructure.
- Hypothermia or frostbite could occur with prolonged exposure and lack of proper clothing.