



Winter Storm Monday Night into Tuesday

February 11, 2024
4:33 PM

Overview

- Deepening low pressure approaches from the southwest Monday night and then passes south and east of Long Island on Tuesday.
- The storm will bring a period of moderate to heavy snow inland, and rain transitioning to a rain/snow mix and then snow down to the coast. Gusty winds and minor to moderate coastal flooding impacts are also possible.
- The winter storm watch has been upgraded to a Winter Storm Warning.

HAZARDS & IMPACTS

Snowfall

Interior NE NJ, interior Lower Hudson Valley, interior Southern CT- Heavy, wet snow

- **Total Snowfall:** 5 to 10 inches with locally higher amounts, especially north I-84 late Monday night into Tuesday. This will result in hazardous/difficult travel, especially during Tuesday AM commute.
 - **Snowfall Rates:** 1 to 2 inches//hr possible

Portions of NE NJ, Southern Westchester, Coastal CT- Accumulating, wet snow

- **Total Snowfall:** 3 to 5 inches with locally higher amounts possible. This may result in difficult travel, especially during Tuesday AM commute.
 - **Snowfall Rates:** 1 inch/hr possible

NYC metro and Long Island

- **Total Snowfall:** <1 to 2 inches.

Winds

- NE-N winds 15-25 mph with gusts 25 to 40 mph Tuesday, strongest closer to the coast.

NWS ALERTS

- **Winter Storm Warning** from 1 am Tuesday through 6 pm Tuesday for interior NE NJ, interior Lower Hudson Valley, and interior Southern CT

FORECAST CHALLENGES

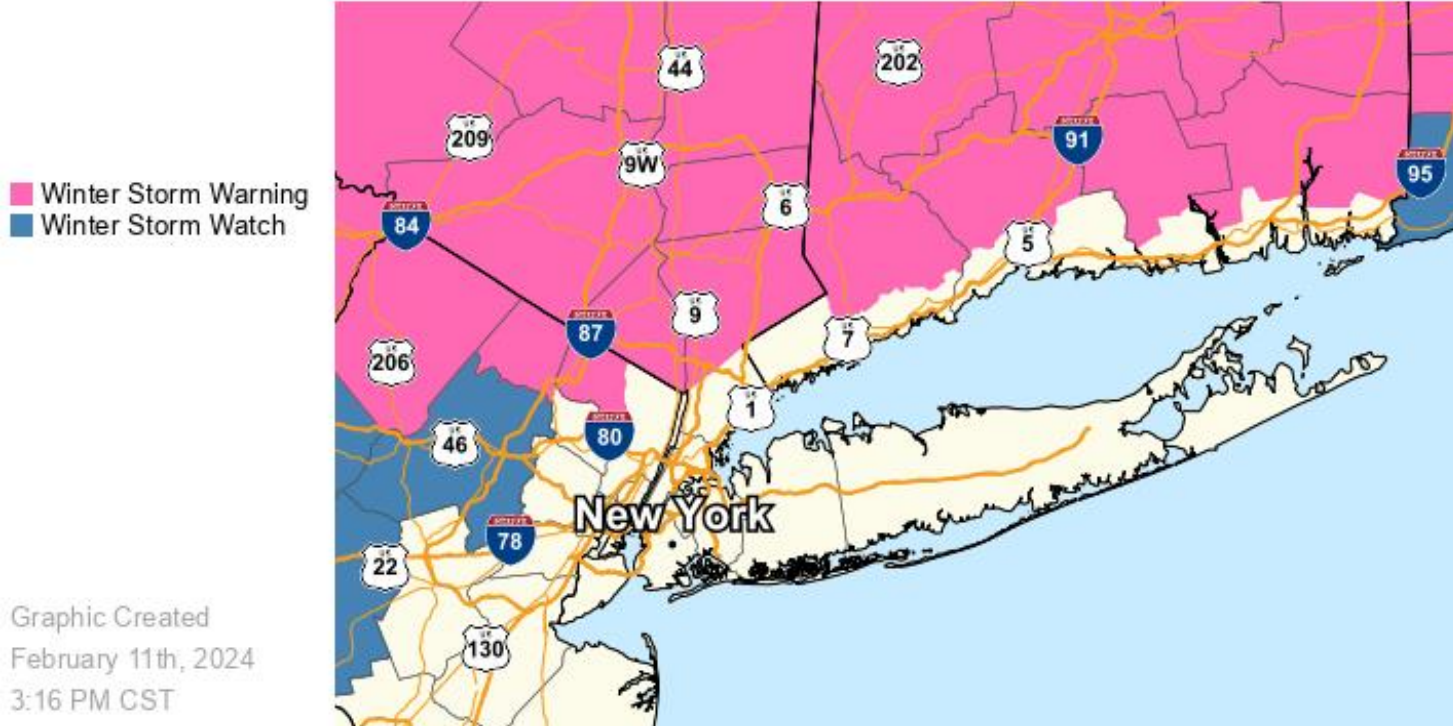
- A more northern track with the low pressure would reduce snowfall totals in the warning area.
- A more southern track with the low pressure would lower snowfall totals inland but would likely increase snowfall totals down to the coast across NYC metro and Long Island.
- Location of heavy snow banding will be refined as the event unfolds.
- Additional winter weather headlines may be needed for some areas south of the warning.

NEXT BRIEF

By 6 AM Monday.



Winter Watches Warnings and Advisories



Graphic Created
February 11th, 2024
3:16 PM CST



Most Likely Snowfall - Official Forecast

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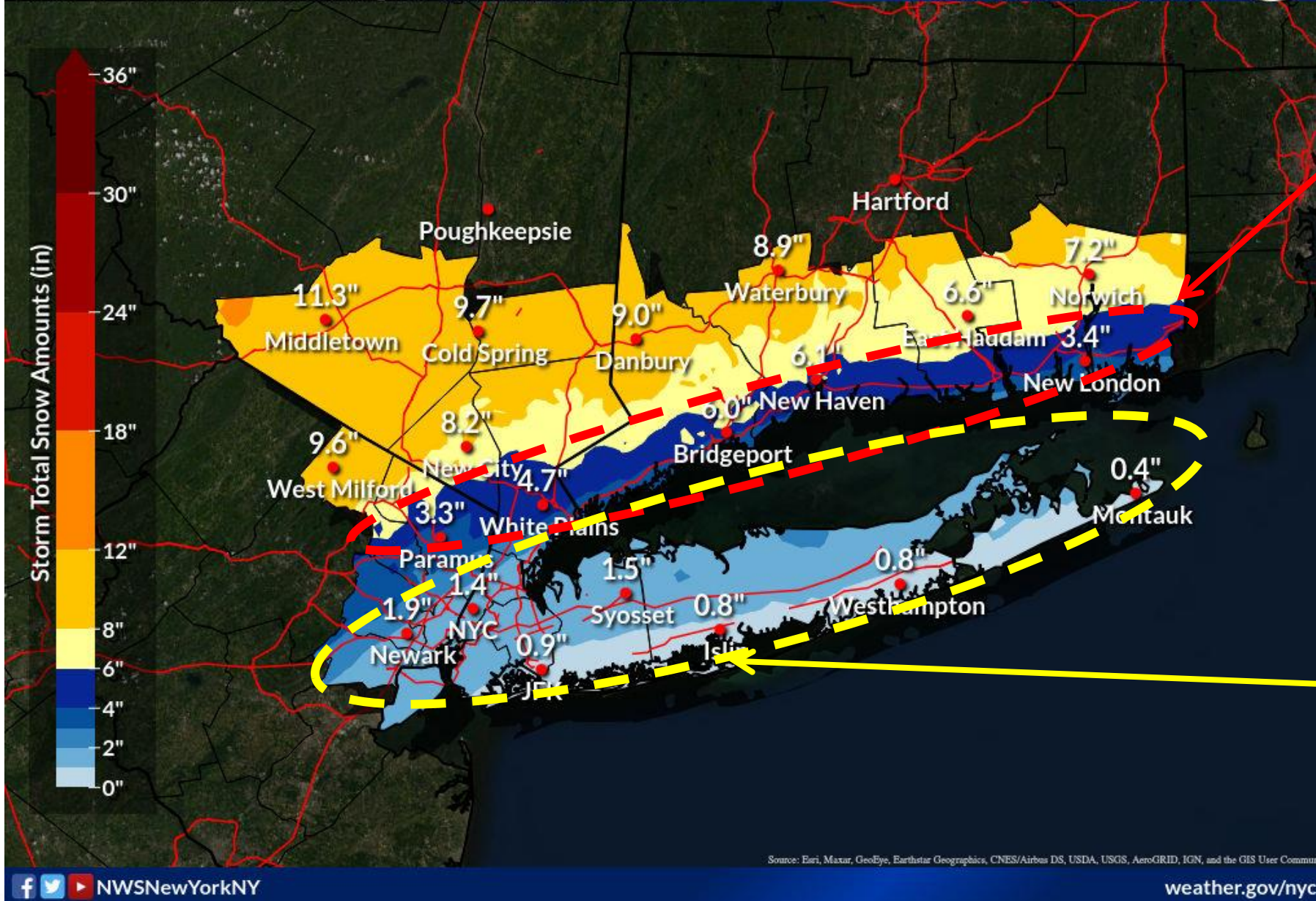
Expected Snowfall - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid 7 PM Mon Feb 12, 2024 through 7 PM Tue Feb 13, 2024 EST

Issued Feb 11, 2024 3:41 PM EST



Snow amounts could be several inches higher than forecast in this zone if colder air arrives quicker and there is less mixing with rain.

Snow amounts could be higher than forecast in this zone if precip changes to snow and is slightly colder Tuesday morning.

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

NWSNewYorkNY

weather.gov/nyc



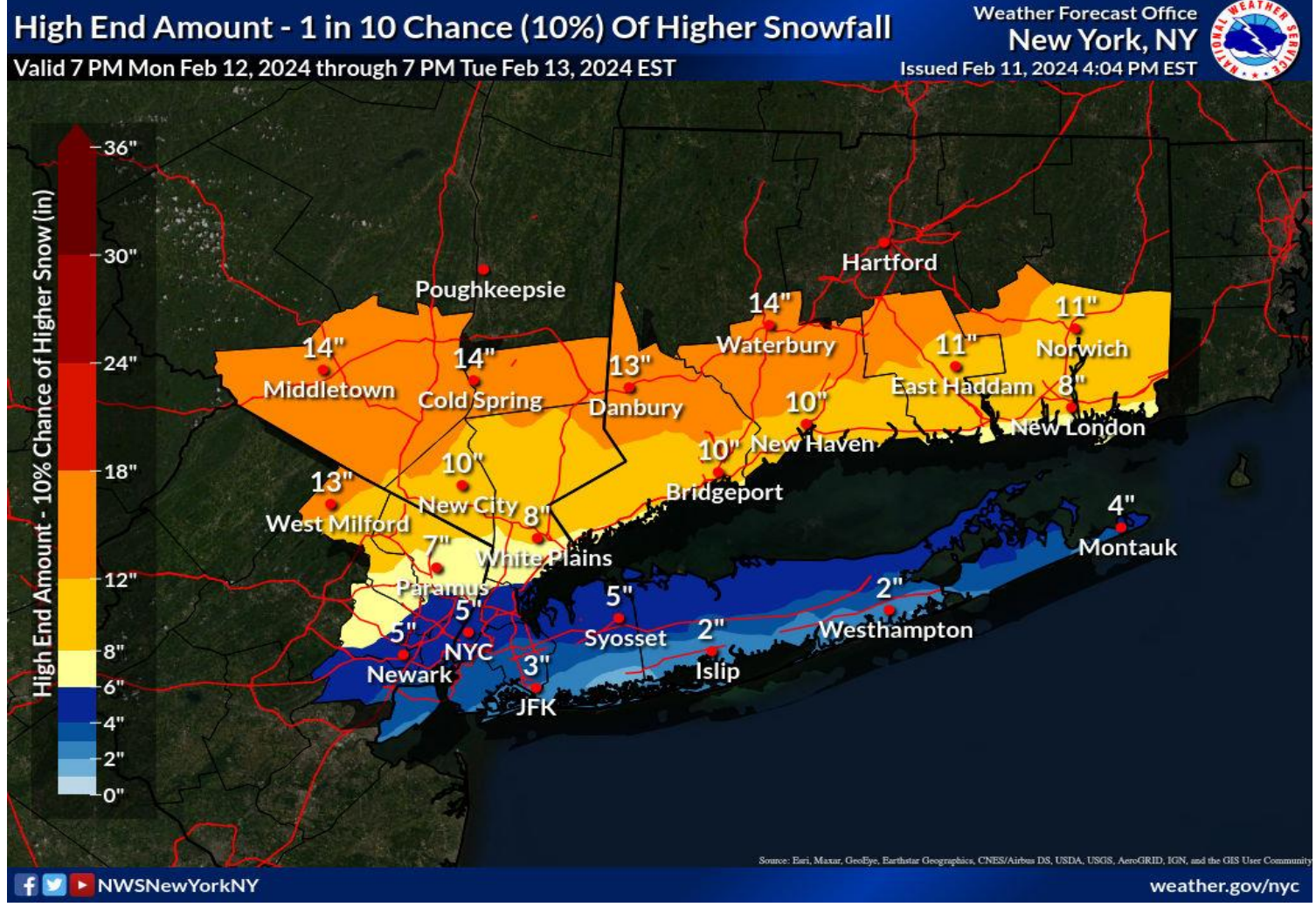
National Oceanic and Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY



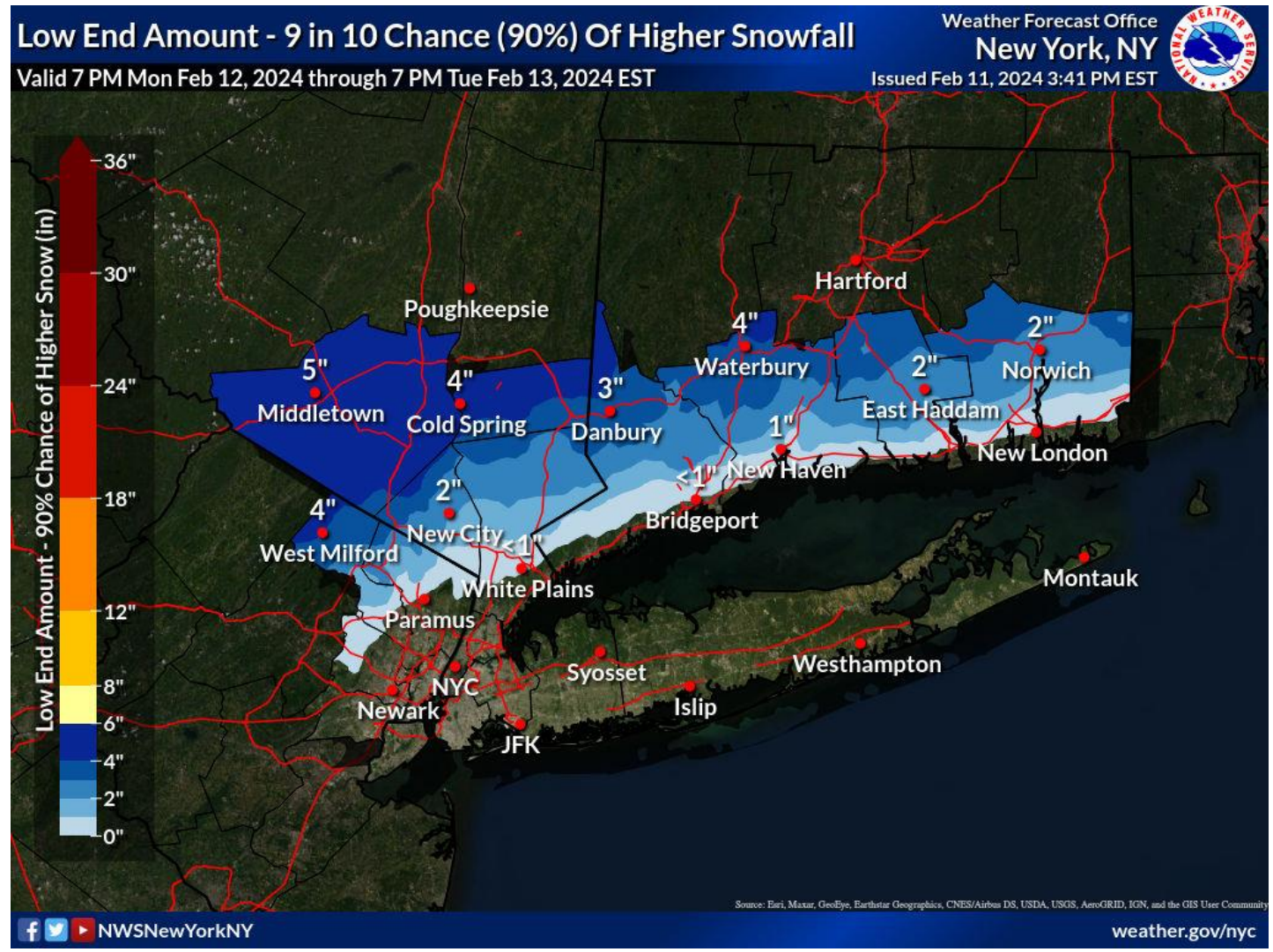
Probabilistic Snowfall Forecast

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Snow amounts could be close to these levels if storm track is further south/colder or with heavier snow banding over inland areas. Amounts across NYC metro/Long Island could occur if changeover to snow occurs faster and temperatures are colder.

Snow amounts could be this low if the storm track ends up further north/warmer.



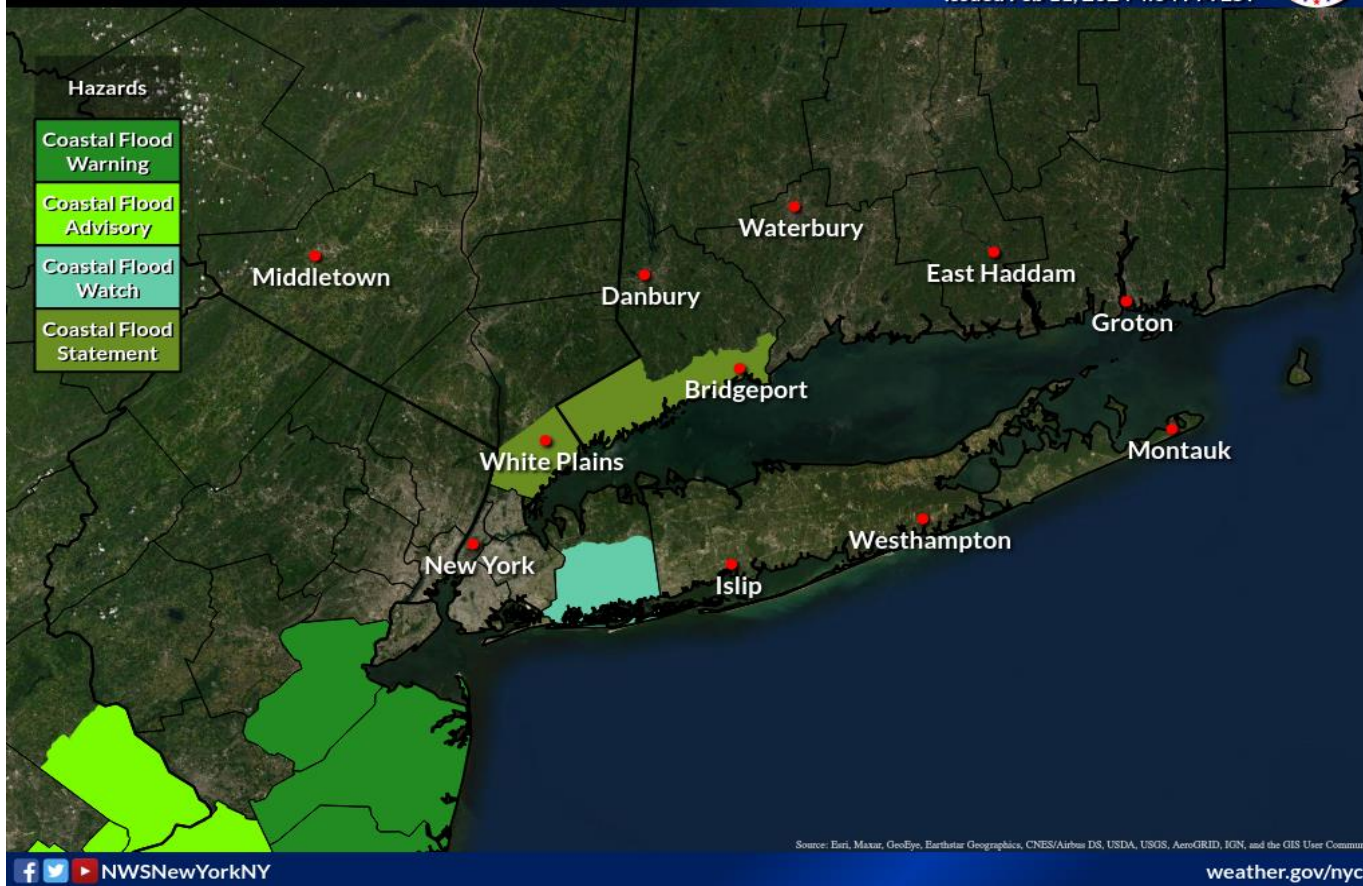


Coastal Flooding

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Coastal Flooding Headlines

Weather Forecast Office
New York, NY
Issued Feb 11, 2024 4:04 PM EST



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](#)

Coastal Flood Hazards and Impacts:

Widespread minor and some moderate coastal flooding impacts are becoming more likely with the Tuesday morning/midday high tides.

- ✓ Minor benchmarks may be touched across coastal Fairfield/Westchester with tonight through Monday afternoon high tide cycles. A coastal flood statement is in effect.
- ✓ A coastal flood advisory is in effect for the south shore bays of Nassau County for Monday afternoon and Monday night high tide cycles.
 - Additional minor flooding is possible during Monday night high tide across southwest Suffolk, back bays of southern Queens, southern Brooklyn, Lower NY Harbor, and parts of western LI Sound.
- ✓ A coastal flood watch is in effect for south shore bays of Nassau County for Tuesday daytime high tide cycle for potential of moderate coastal flooding.
 - Numerous road closures are possible along the shoreline.
- ✓ Widespread minor coastal flooding is becoming more probable during daytime high tide on Tuesday for all but along eastern LI Sound and Peconic/Gardiners Bays.

Uncertainty:

- ✓ Timing of winds shifting to the north late Monday night into Tuesday could limit overall coastal flooding impacts.