



# Major Winter Storm Tonight into Tuesday

February 12, 2024  
5:46 AM

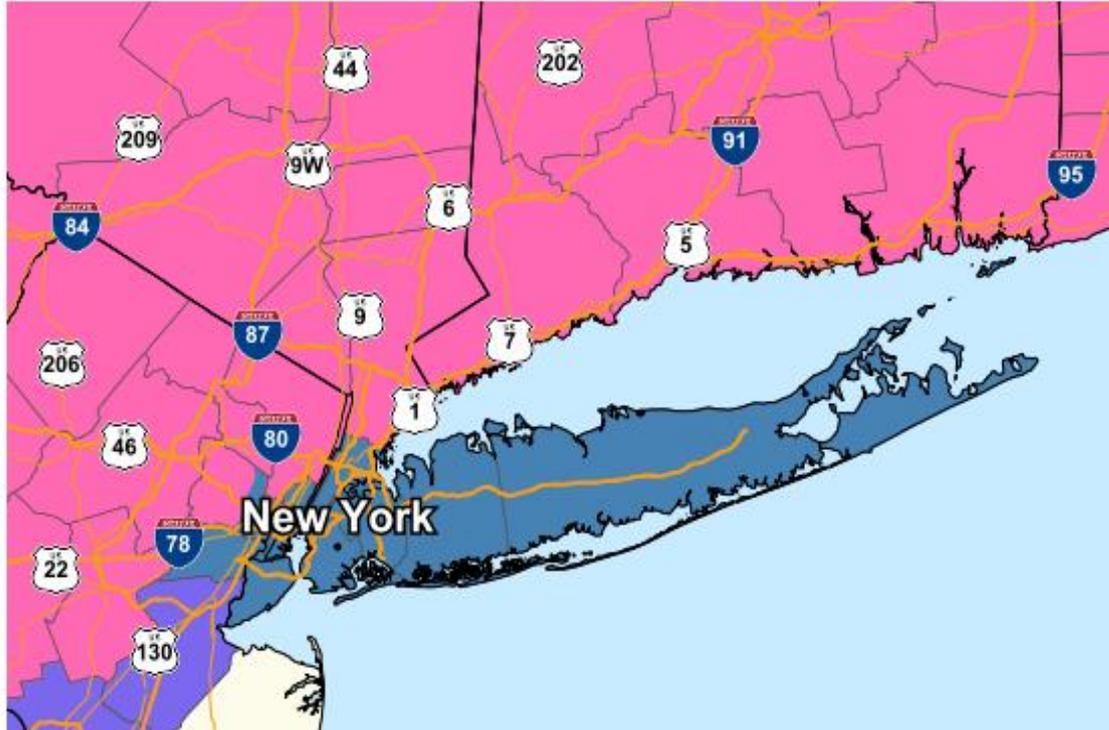
## Overview

- Deepening low pressure approaches from the southwest tonight and passes south and east of Long Island on Tuesday.
- The storm will bring a period of moderate to heavy snow, 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.
- Winter storm watches are now in effect for NYC, LI, and parts of NE NJ. Winter storm warnings are now in effect for the remainder of the area.



## Winter Watches Warnings and Advisories

- Winter Storm Warning
- Winter Weather Advisory
- Winter Storm Watch



Graphic Created  
February 12th, 2024  
4:36 AM CST

### HAZARDS & IMPACTS

#### Snowfall

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

- **Total Snowfall:** 8 to 12 inches with locally higher amounts, especially north I-84 late tonight 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:** 6 to 12 inches with locally higher amounts possible. This may result in difficult travel, especially during Tuesday AM commute.
  - **Snowfall Rates:** 1 to 2+ inch/hr possible.

**NYC metro and Long Island**

- **Total Snowfall:** 5 to 8 inches with locally higher amounts possible. This may result in difficult travel, especially during Tuesday AM commute.
  - **Snowfall Rates:** 1 to 2+ inch/hr possible.

#### 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, Lower Hudson Valley, and Southern CT.
- **Winter Storm Watch** from 4am Tuesday though 6pm Tuesday for NYC, LI and parts of NE NJ.

### 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.

### NEXT BRIEF

By 6 PM Today.



# Most Likely Snowfall - Official Forecast

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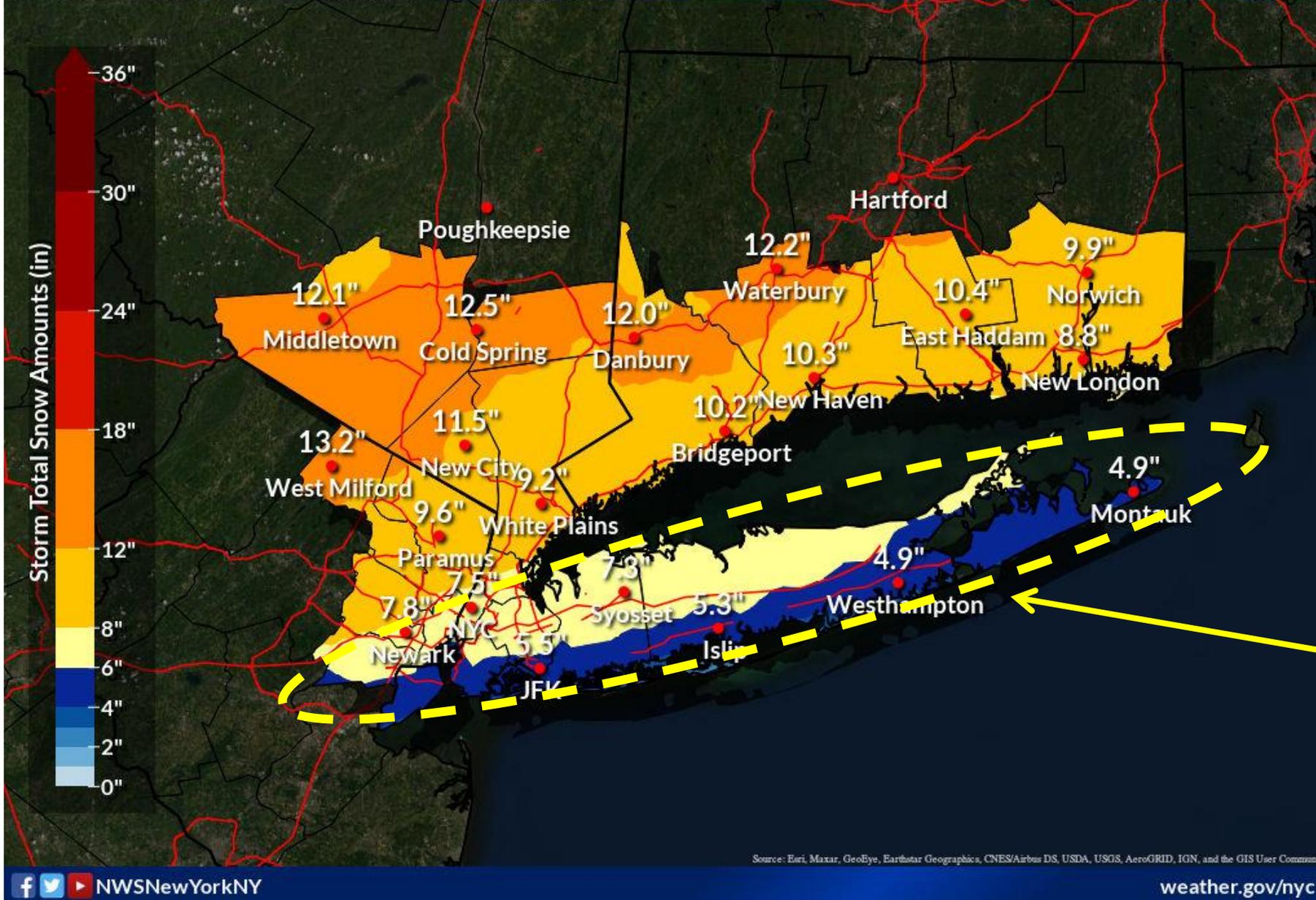
## Expected Snowfall - Official NWS Forecast

Weather Forecast Office  
New York, NY



Valid 1 AM Tue Feb 13, 2024 through 7 PM Tue Feb 13, 2024 EST

Issued Feb 12, 2024 5:10 AM EST



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



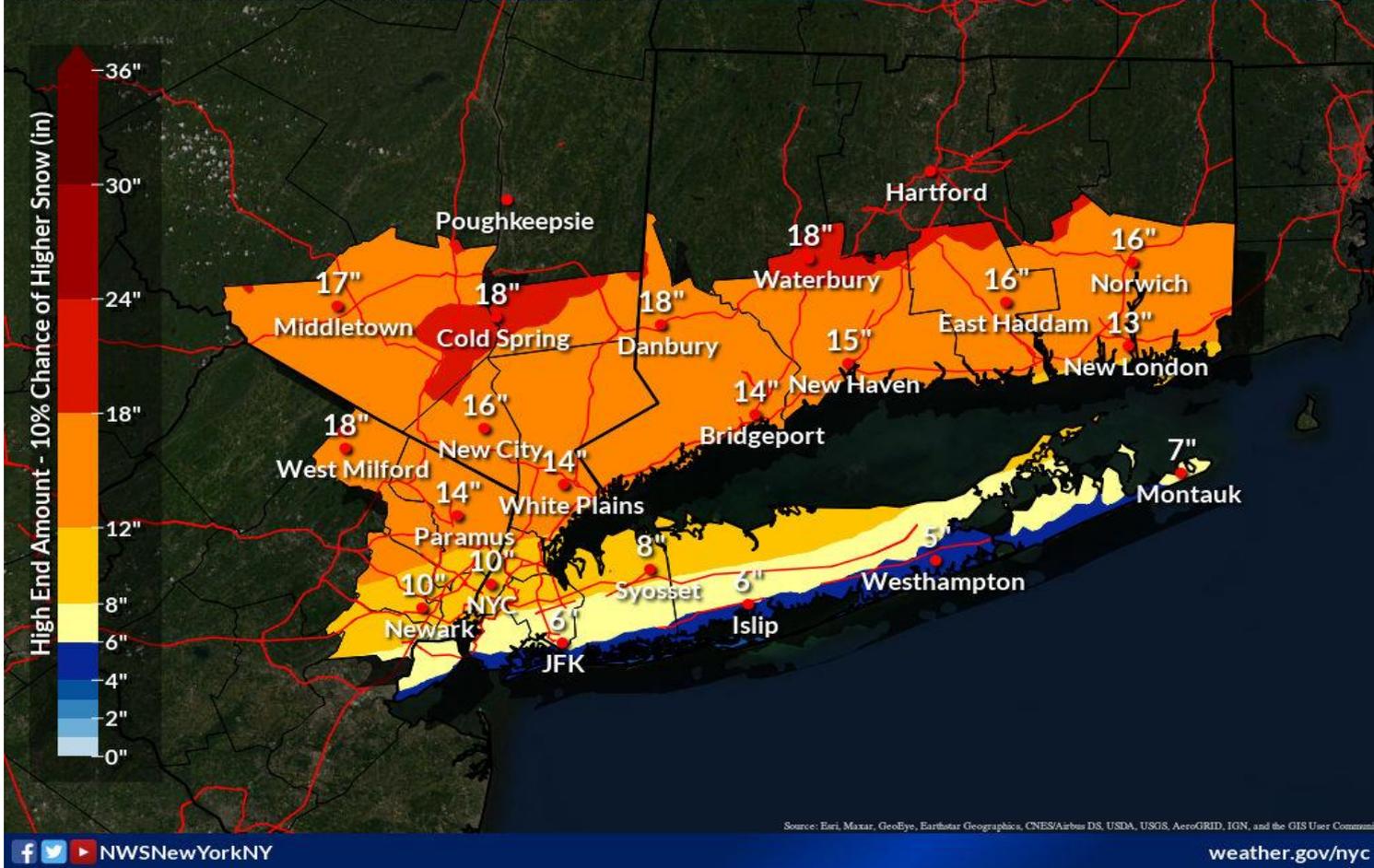
# Probabilistic Snowfall Forecast

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## High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall

Valid 1 AM Tue Feb 13, 2024 through 7 PM Tue Feb 13, 2024 EST

Weather Forecast Office  
New York, NY  
Issued Feb 12, 2024 5:10 AM EST



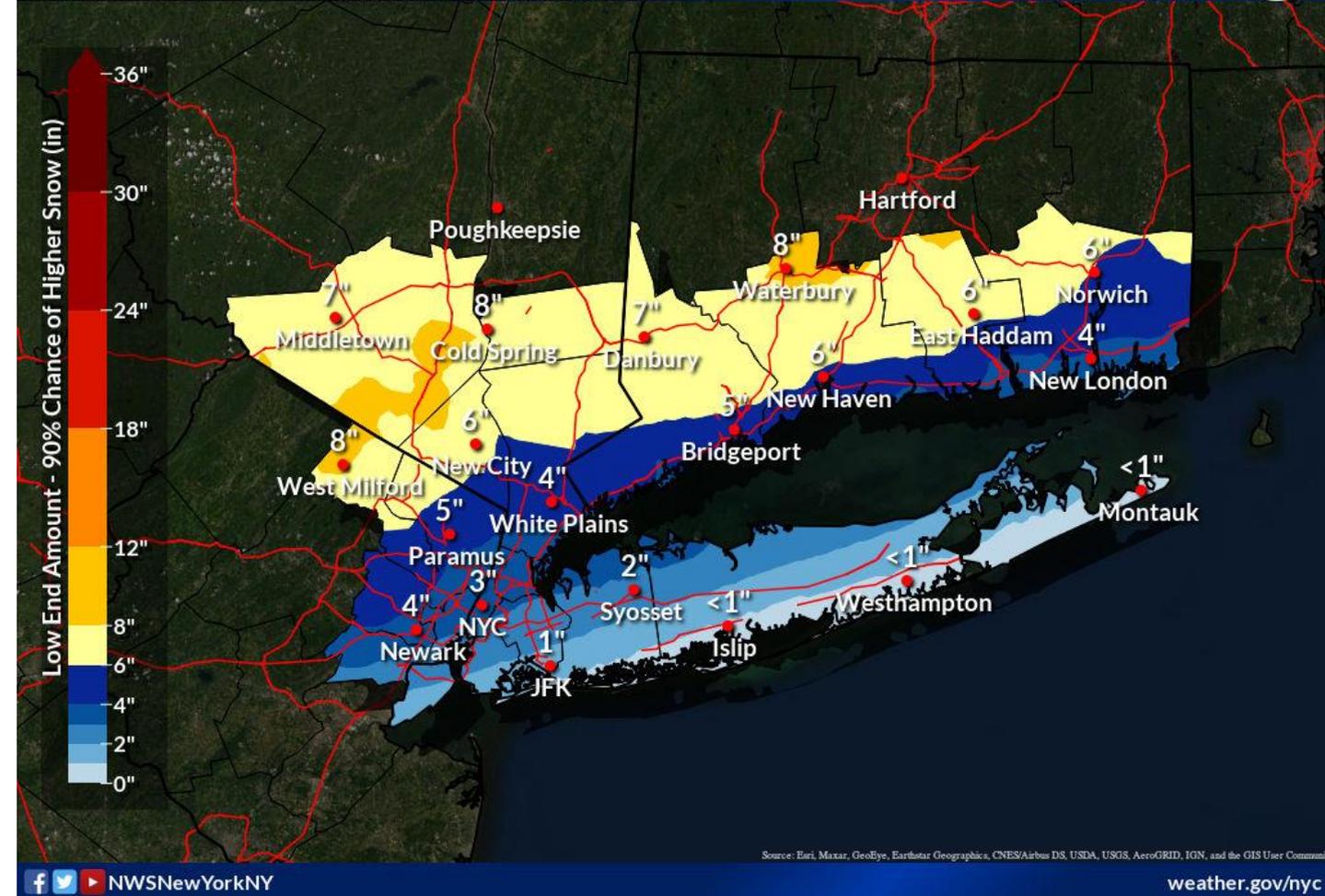
Snow amounts could be close to these levels if storm track is further south/colder or with heavier snow banding over inland areas. Amounts across NYC metro/Long Island could occur if changeover to snow occurs faster and temperatures are colder.

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

## Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall

Valid 1 AM Tue Feb 13, 2024 through 7 PM Tue Feb 13, 2024 EST

Weather Forecast Office  
New York, NY  
Issued Feb 12, 2024 5:10 AM EST

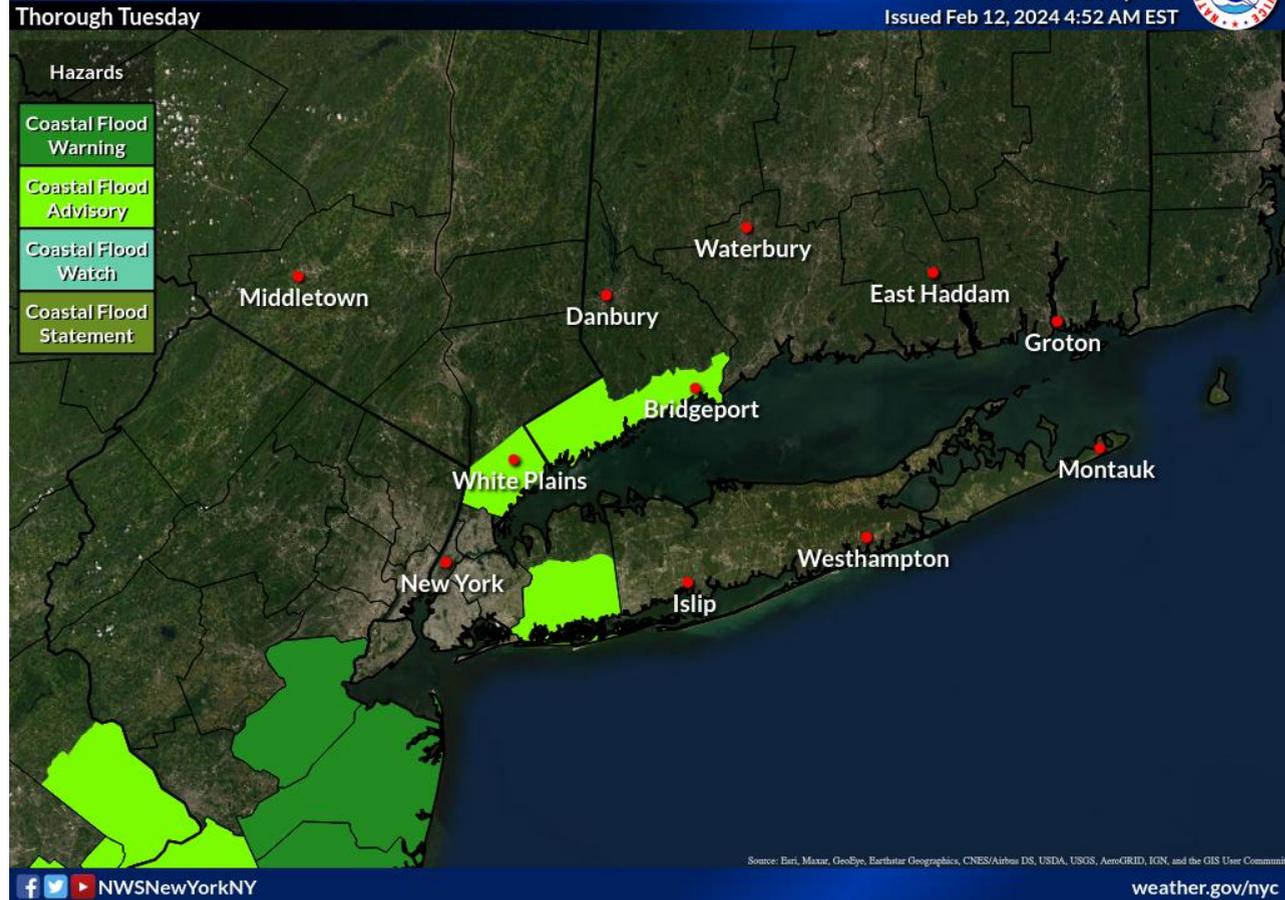




# Coastal Flooding

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## Coastal Flooding Headlines



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 this afternoon's 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 this afternoon and evening high tide cycles.
  - Additional minor flooding is possible during tonight's 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 tonight into Tuesday could limit overall coastal flooding impacts.



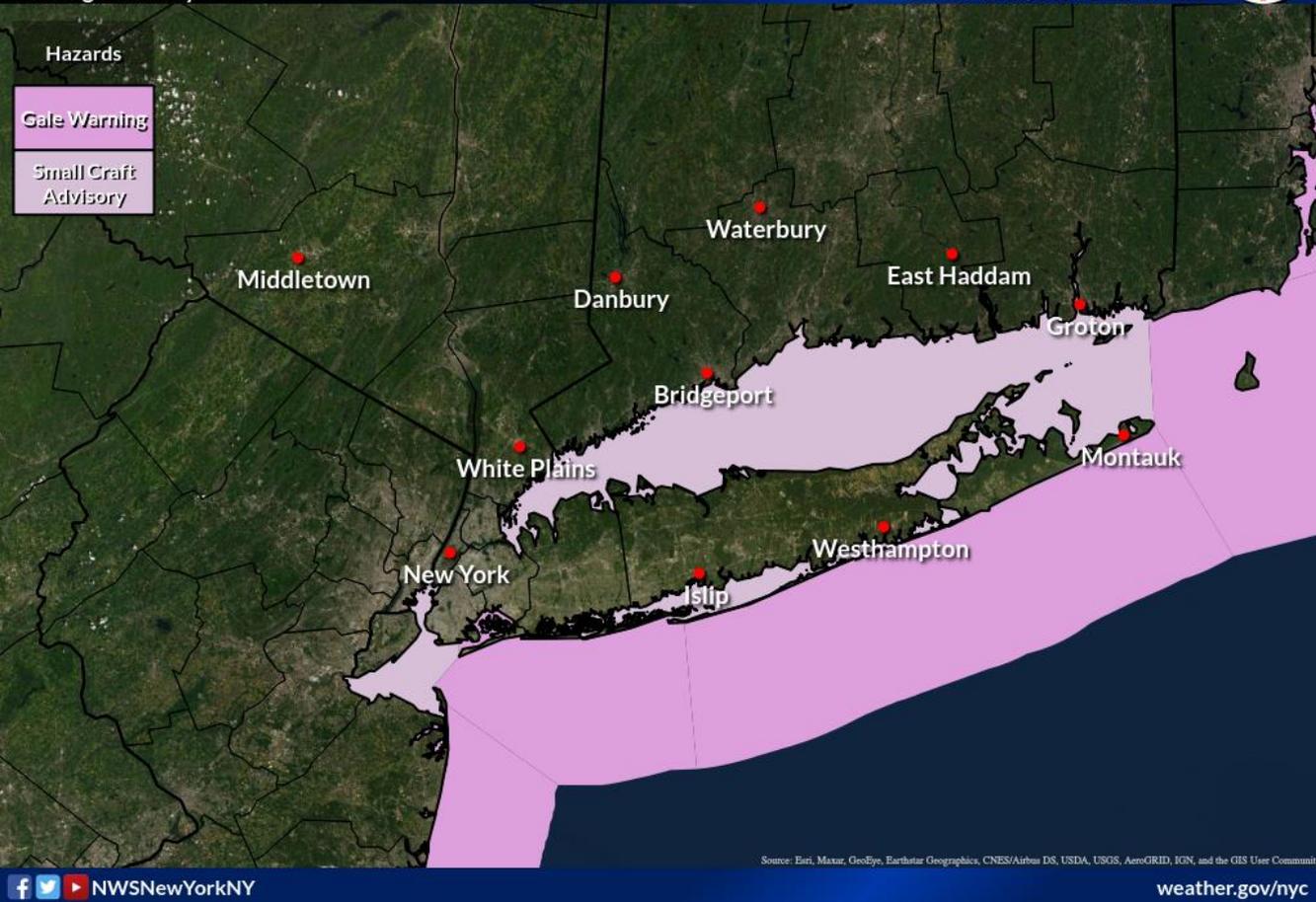
# Maximum Wind Gust Forecast

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## Marine Headlines

Thorough Tuesday

Weather Forecast Office  
New York, NY  
Issued Feb 12, 2024 5:02 AM EST

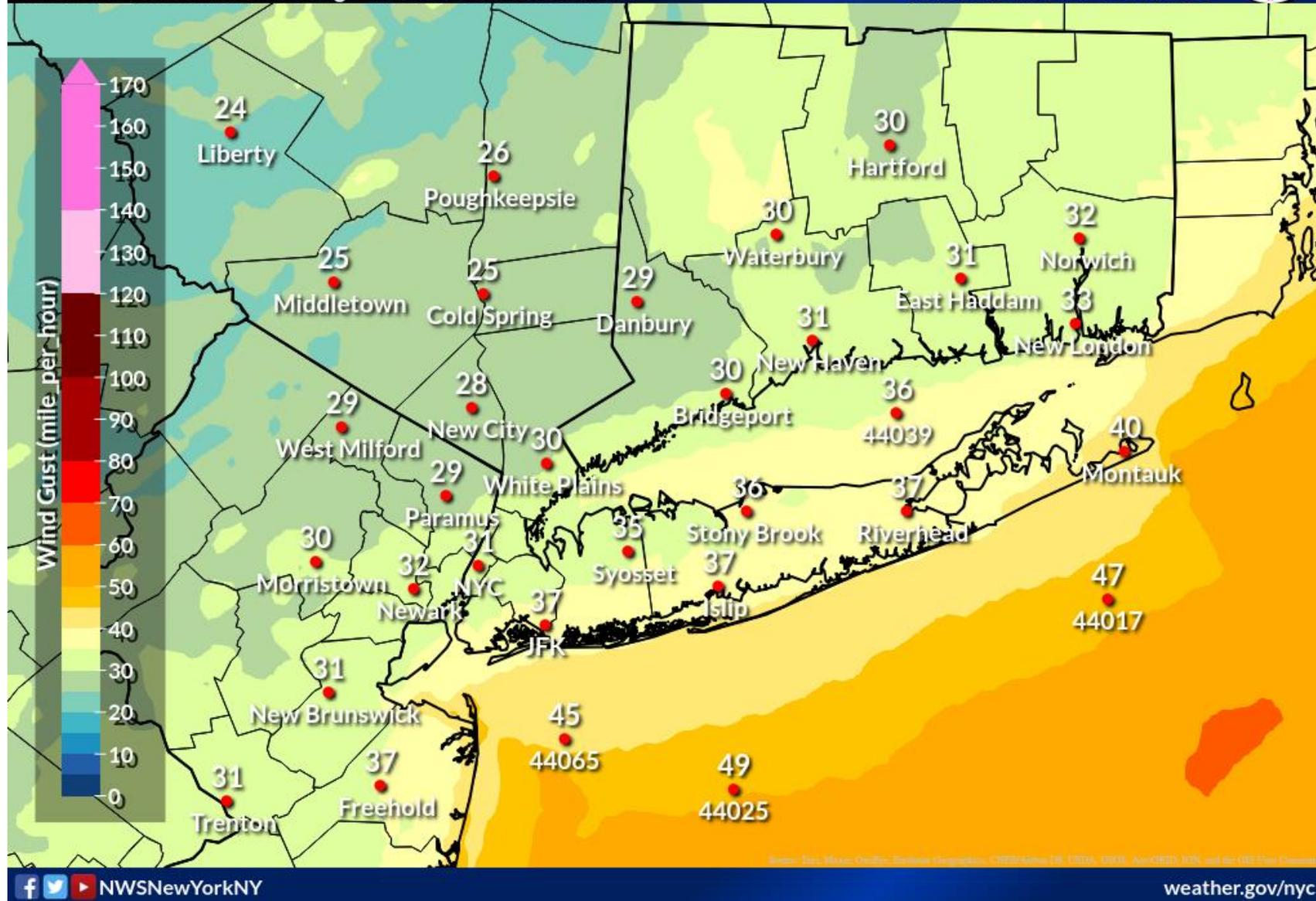


**A Gale Warning is in effect for the ocean waters 6am to 6pm Tuesday. Small Craft advisories are in effect elsewhere.**

## Tuesday's Maximum Wind Gusts

Valid Tue Feb 13 7:00AM through Wed Feb 14 7:00AM EST

Weather Forecast Office  
New York, NY  
Issued Feb 12, 2024 4:03 AM EST





# Changeover Timing Tuesday (Experimental)

February 12, 2024  
5:46 AM

