

Strong to Damaging Winds Tonight into Friday Morning



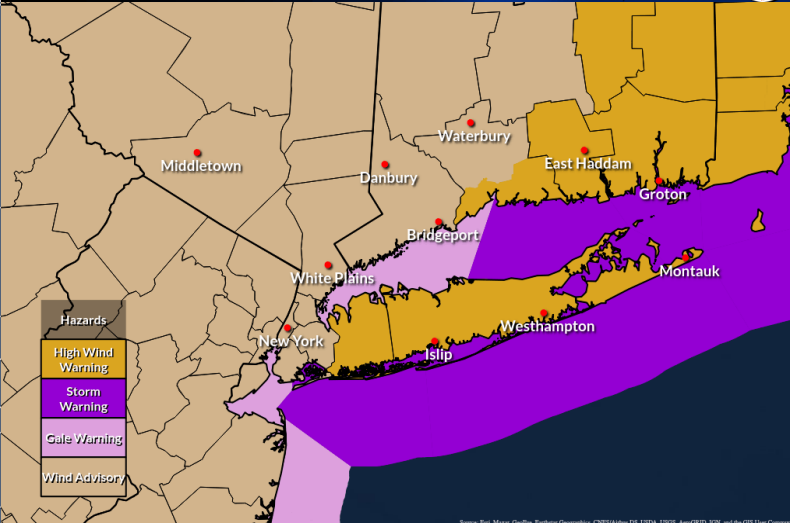
New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- A strong frontal system will cross the region Tonight into early Friday morning. Strong to damaging wind gusts are expected ahead of and immediately in the wake of the cold frontal passage.

Wind and Marine Headlines

Weather Forecast Office
New York, NY
Issued Feb 17, 2022 3:32 PM EST



Source: Bari, Mease, Goodley, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWSNewYorkNY

weather.gov/nyc

HAZARDS & IMPACTS

- Damaging Winds (High Wind Warning):** S winds 30 to 40 mph with gusts up to 65 mph for Long Island and southeastern CT late tonight into early Fri AM.
- Strong Winds (Wind Advisory):** S winds 25 to 35 mph with gusts up to 55 mph for NYC, SW CT, Lower Hud, and NE NJ late tonight into Fri AM.
 - Impacts:** These winds will knock down scattered to numerous tree limbs and blow around unsecured objects. Isolated to scattered trees and power lines could be downed. Travel will be difficult, especially for high profile vehicles. Highest impact potential across Long Island and SE CT.
- Rainfall:** 1/2 to 1" likely, with locally 1 to 1 1/4" possible, Tonight into early Fri AM. Most of this falling in 3 to 6 hrs. **Peak rainfall rates:** <1/2"/hr.
 - Impacts:** Minor urban and poor drainage flooding is possible. Localized ice jam flooding possible across interior rivers and streams. Minor flooding possible along a few quick reacting rivers and streams in NE NJ.

NWS ALERTS

- High Wind Warning** for LI and SE CT Tonight into early Fri AM.
- Wind Advisory** for the rest of area Tonight into early Fri AM.
- Storm Warning** for ocean waters and southern and eastern nearshore waters Tonight into early Fri AM.
- Gale Warning** for the remainder of waters Tonight into through Fri AM.

FORECAST CHALLENGES

- High confidence in strong wind gusts (45 to 55 mph) across the entire area late tonight into Friday morning.
- The coverage and magnitude of damaging wind gusts (60 to 65 mph) across Long Island and southeastern CT will be dependent on how much of the intense winds from several hundred feet above the ground can mix down. Confidence in this part of the forecast is moderate.

NEXT BRIEF

- This will be the last briefing unless there are significant changes to the forecast.

ISSUED: 2/17/2022 4:15 PM

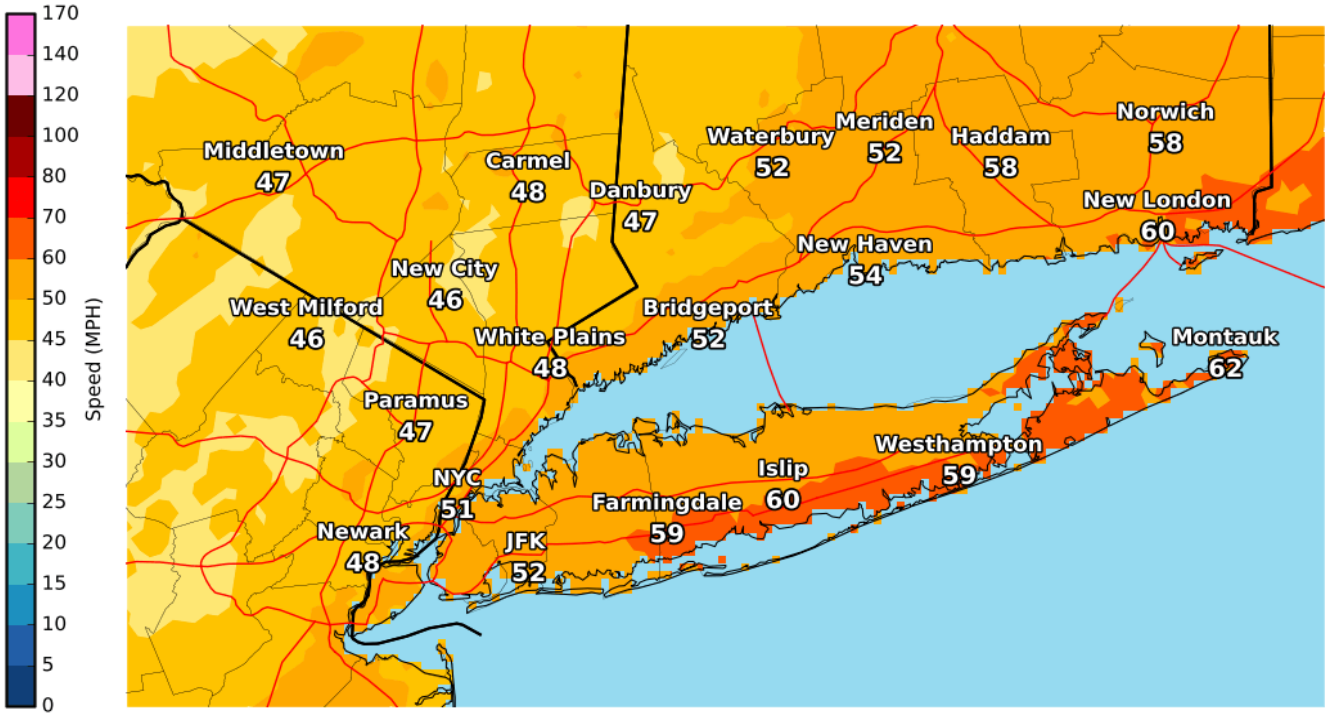
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Potential Peak Wind Gusts Late Tonight into Friday Morning



Maximum Wind Gusts (MPH)

Valid: 02/17/2022 05:00 PM - 02/18/2022 01:00 PM EST



National Weather Service
New York NY
02/17/2022 03:57 PM EST

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