

Heavy Rain and Strong to Damaging Winds late Sunday into early Monday Morning



OVERVIEW

- A strong frontal system will impact the region Sunday through early Monday. Expect a period of heavy rainfall and strong gusty winds late Sunday into early Monday morning. Minor to locally moderate coastal/shoreline flood impacts are possible with the Monday morning high tidal cycle as well.

Current Hazards



HAZARDS & IMPACTS

Strong to Damaging Winds: Sustained S/SE winds of 25 to 35 mph with gusts 45 to 55 mph likely along the coast Sunday eve/night, shifting to the NW early Mon AM. Strongest winds occur across Long Island, Sun night. Numerous tree limbs, along with scattered trees and power lines, could be downed. Scattered power outages likely. Expect poorly secured outdoor objects to be damaged or blown away.

Heavy Rain: 2 to 3" across much of the region. Most of this rain will fall over a 12 hr period late Sunday afternoon into early Monday morning. Scattered to numerous instances of minor urban and poor drainage flooding likely. Minor flooding likely along quick responding small rivers, streams, creeks in NE NJ, Lower Hud and SW CT. Localized flash flooding possible. A few large stem rivers across NE NJ and S CT could go into minor flood on Monday as well. Any residual poor drainage and river flooding is likely to impact the Monday morning commute.

Coastal/Shoreline Flooding: Minor coastal flooding potential (1 ft agl) for vulnerable communities along NY Harbor, Jamaica Bay, southern and eastern bays of LI, and coastal Westchester and CT with Monday morning high tide. Along the ocean beachfront, 8 to 12 ft surf will cause widespread ocean beach flooding. Scattered areas of dune base erosion is likely at that time. The threat for overwashes is low.

NWS ALERTS

- Storm Watch for ocean waters, eastern LI Sound, Peconic/Gardiners Bays, South Shore Bays.
- Gale Watch for the NY Harbor, central and western LI Sound.
- High Wind Watch for Queens, Brooklyn, and LI late Sun aft into early Mon AM.
- Flood Watch for much of the region late Sunday aft into early Mon AM.

FORECAST CHALLENGES

- There is potential for a narrow line of heavy downpours and embedded thunderstorms just ahead of the cold frontal passage Sun Night/early Mon AM which could briefly bring enhanced rainfall rates and isolated 60 mph gusts.
- Slower timing of wind shift increases potential for localized moderate coastal flooding.
- Potential for a changeover to light snow w/ light accum across interior Monday AM.
- More clarity on timing of frontal passage, peak wind gusts, and rainfall rates is likely in 24 hours as the event becomes resolved by high resolution weather models.

NEXT BRIEF

- By 6PM Saturday

Peak Wind Gusts late Sunday into early Monday Morning

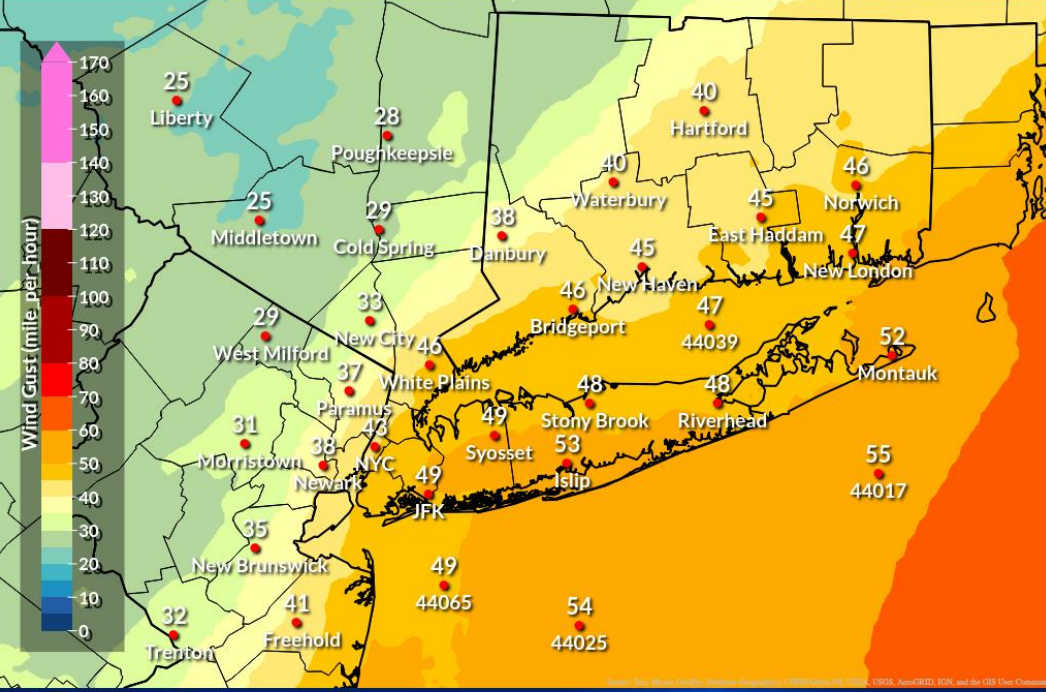


New York, NY
WEATHER FORECAST OFFICE

Sunday's Maximum Wind Gusts

Valid Sun Dec 10 7:00AM through Mon Dec 11 7:00AM EST

Weather Forecast Office
New York, NY
Issued Dec 09, 2023 4:00 AM EST



NWSNewYorkNY

weather.gov/nyc



Wind Watches Warnings and Advisories



Graphic Created
December 9th, 2023
3:58 AM CST

ISSUED: 12/9/2023 5:05 AM

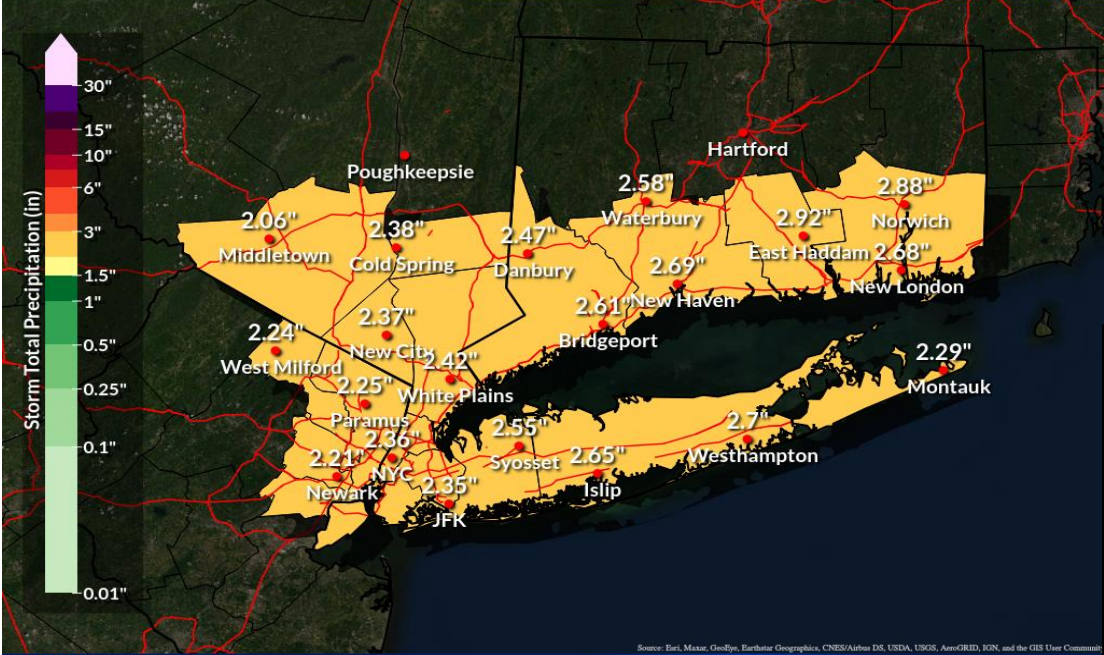
www.weather.gov/nyc

Storm Total Rainfall

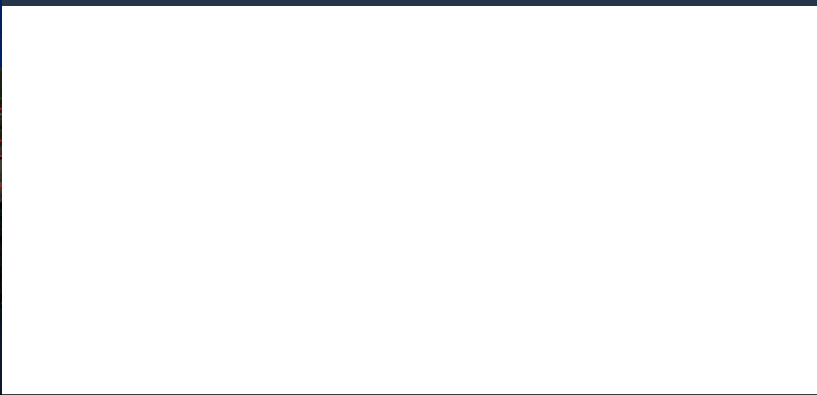


New York, NY
WEATHER FORECAST OFFICE

Expected Rainfall/Liquid Equivalent - Official NWS Forecast
Valid Sun 7:00AM through Mon 1:00PM EST
Weather Forecast Office
New York, NY
Issued Dec 09, 2023 3:06 AM EST



Source: Bari, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community
weather.gov/nyc



Flood Watches Warnings and Advisories



ISSUED: 12/9/2023 5:05 AM

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Marine / Coastal Hazards

