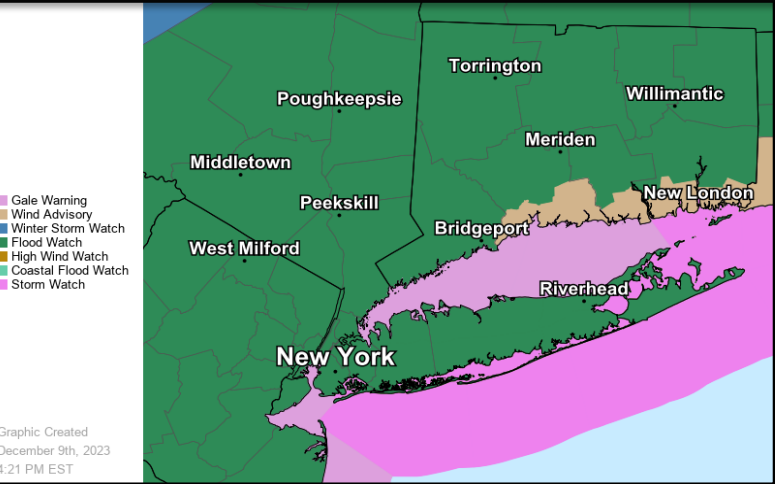


OVERVIEW

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

Current Hazards



Graphic Created
December 9th, 2023
4:21 PM EST

NEXT
BRIEF

- By 6AM Sunday

HAZARDS & IMPACTS

Strong to Damaging Winds: Sustained S/SE winds of 25 to 40 mph with gusts 45 to 55 mph likely along the coast Sunday eve/night (highest east), shifting to the NW early Mon AM. **Damaging wind gusts to 60 mph possible across Long Island and portions of NYC Sun eve/night. Numerous tree limbs and scattered trees and power lines could be downed. Scattered power outages likely.** Expect poorly secured outdoor objects to be damaged or blown away.

Flooding Rain: 3 to 4" for LI and S CT, 2 to 3" for the rest of the region. Locally higher amounts possible. Most of this rain will fall late Sunday afternoon into early Monday morning. **Rainfall rates of 1/2 to 3/4"/hr possible Sun eve/night. Numerous instances of minor urban, small river/stream and poor drainage flooding expected. Localized to scattered flash flooding and moderate river/stream flooding possible. A few large stem rivers across S CT expected to go into minor flood on Monday as well.** Residual poor drainage and river flooding is likely through 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.**

Wintry Precip: Potential for a changeover to a period of snow w/ light snow accum across interior Monday AM.

NWS ALERTS

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

FORECAST
CHALLENGES

- There is potential for narrow lines of heavy downpours and embedded thunderstorms ahead of the cold frontal passage Sun Aft into Night which could briefly bring 1"/hr rainfall rates and isolated 60 mph gusts.
- Exact axis of heaviest rainfall 3-4", locally 5" could shift a bit, currently focused over S CT and LI. This is where the threat for scattered urban/poor drainage flash flooding and moderate flooding of quick responding rivers/streams would occur.

Peak Wind Gusts late Sunday into early Monday Morning

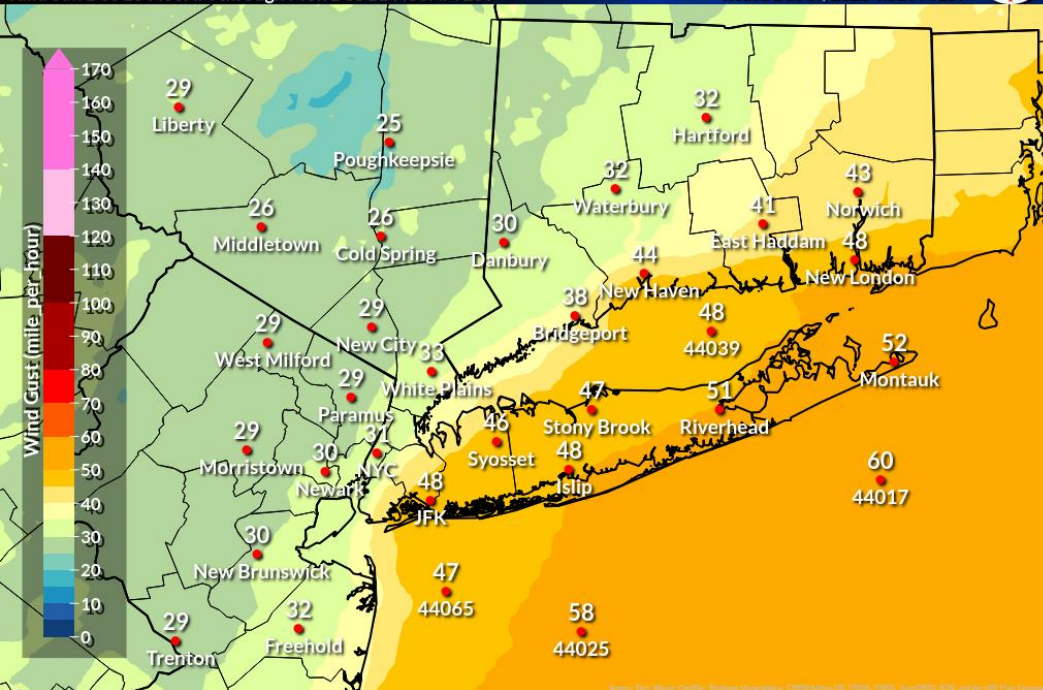


New York, NY
WEATHER FORECAST OFFICE

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 4:31 PM EST



NWSNewYorkNY

weather.gov/nyc

Damaging wind impacts: Gusts to 60 mph possible across Long Island, Brooklyn and Queens Sun eve/night. Numerous tree limbs and scattered trees and power lines could be downed. Scattered power outages likely. Expect poorly secured outdoor objects to be damaged or blown away.

Wind Advisory
High Wind Watch

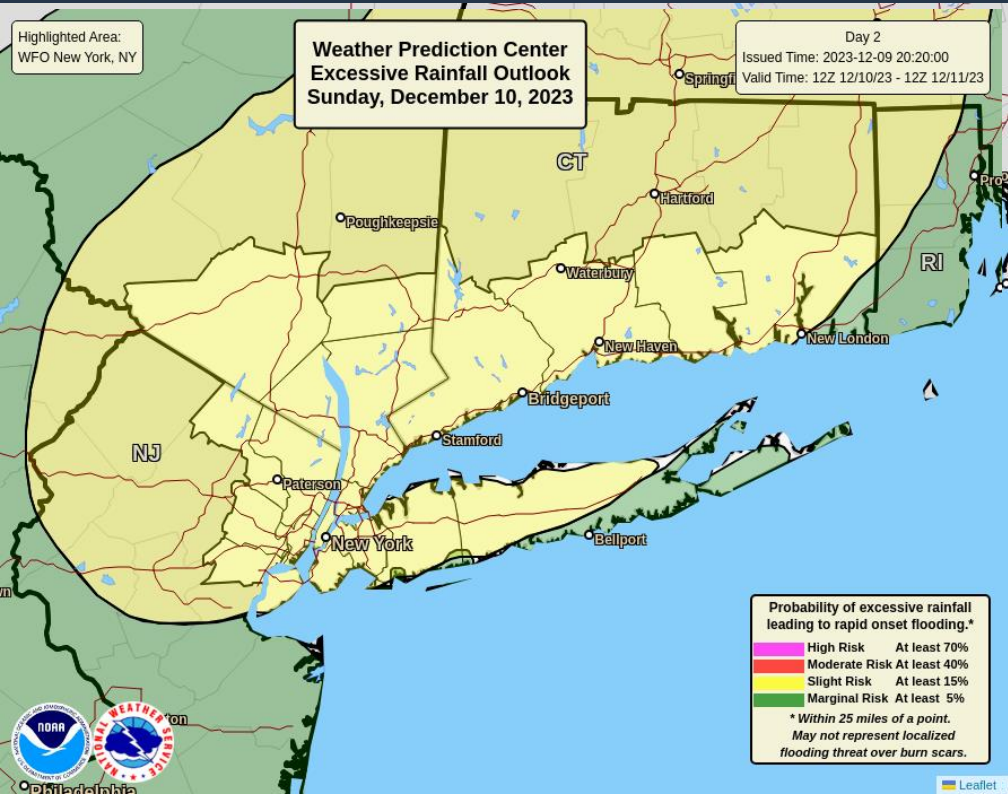


Graphic Created
December 9th, 2023
3:21 PM CST

ISSUED: 12/9/2023 6:24 PM

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Excessive Rainfall/Flash Flood Outlook



Flash Flood Impacts: Localized to scattered instances of flash flooding of urban, poor drainage, and low-lying areas, as well as along quick responding rivers, streams and creeks is possible where the axis of heaviest rain (3-4") falls. This flooding could cause localized to scattered disruptions to transportation, and flooding of some basements, first floors of residences, and businesses, as well as some underground infrastructures.

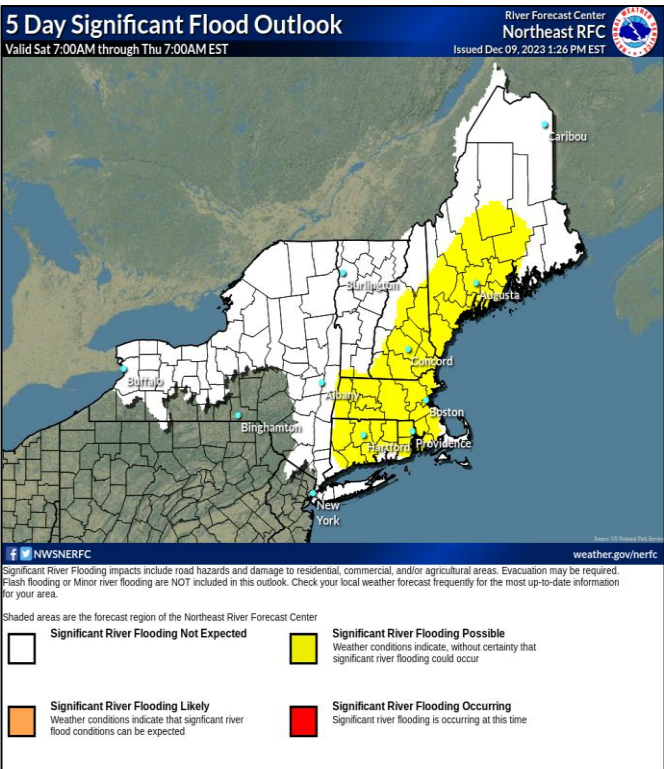
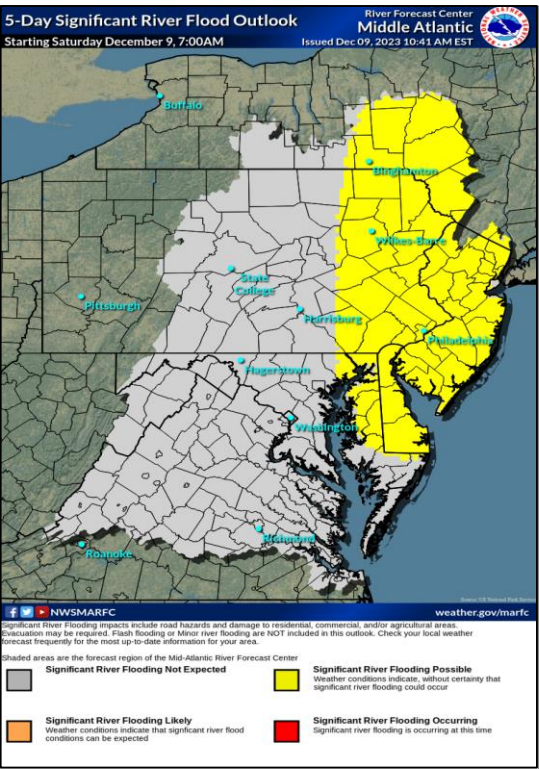
Understanding WPC Excessive Rainfall Risk Categories

No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
	Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
@NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
WEATHER PREDICTION CENTER				

Significant River Flood Outlook



New York, NY
WEATHER FORECAST OFFICE



River/Stream Flooding Impacts:

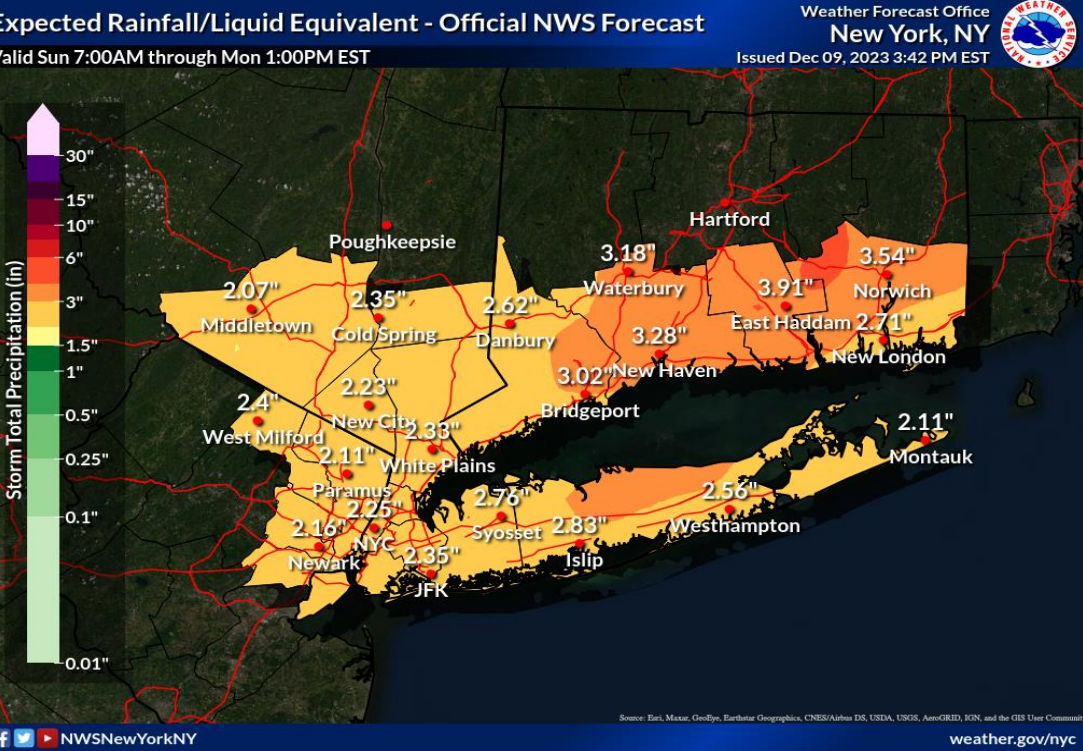
Minor flood levels are likely to be exceeded along several quick responding small rivers, streams, creeks across NE NJ, Lower Hudson Valley, and S CT.

Potential exists for a few quick responding rivers to exceed moderate flood levels where the axis of heaviest rain (3-4") falls. Currently that appears to be across southern CT, but could shift.

Storm Total Rainfall



New York, NY
WEATHER FORECAST OFFICE



Flood Watches Warnings and Advisories

Flood Watch



Graphic Created
December 9th, 2023
4:21 PM EST

