

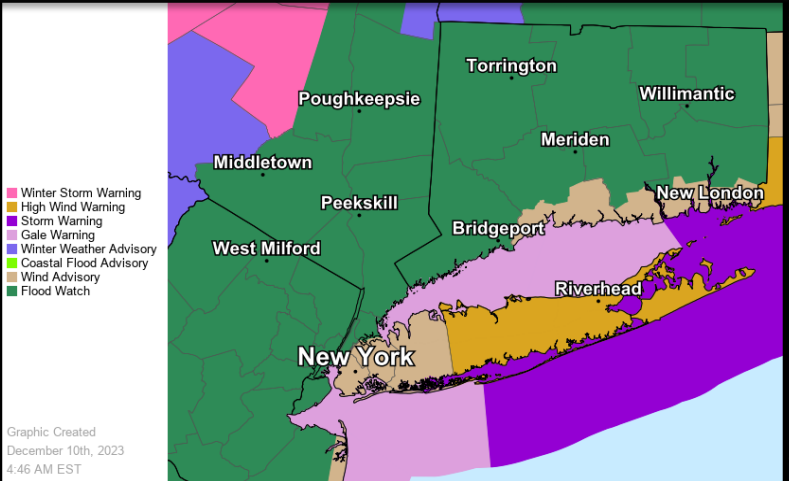
Flooding Rain and Strong to Damaging Winds late Today into Monday Morning



OVERVIEW

- A strong frontal system will impact the region today through early Monday. Expect flooding rainfall and strong to damaging winds late today into early Monday morning.
- The threat for urban and riverine flooding is increasing, particularly across S CT.

Current Hazards



Graphic Created
December 10th, 2023
4:46 AM EST

NEXT BRIEF

- By 6PM Today

HAZARDS & IMPACTS

Flooding Rain: Storm Total rainfall of 3 to 5", locally 6+" for LI and S CT, 2 to 4" for the rest of the region. Most of this rain will fall in a 12 hr period late this aft into early Mon AM.

- Rainfall Rates:** 1/2" to 3/4"/hr possible this evening into Tonight.
- Impacts:** Across S CT, scattered instances of urban and riverine flash flooding are likely late today into Mon AM. Large stems rivers in S CT are also forecast to go into minor flood on Monday. Elsewhere, widespread minor urban and riverine flooding is expected late today into Mon AM, with a localized flash flood threat.

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. Expect poorly secured outdoor objects to be damaged or blown away. Damaging wind gusts to 60 mph across Suffolk County this eve/night. Numerous tree limbs and scattered trees and power lines could be downed. Scattered power outages likely.

Coastal/Shoreline Flooding: Minor coastal flooding potential (up to 1 ft agl) for coastal SE CT and twin forks 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

- Flood Watch for entire region late Sunday aft into early Mon afternoon.
- High Wind Warning Suffolk late Sun aft into Mon AM.
- Wind Advisory for much of the coast late Sun aft into early Mon AM.
- Gale and Storm Warnings are in effect for the local waters.

FORECAST CHALLENGES

- Exact axis of heaviest rainfall 3-5", locally 6+" 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 is increasing.
- There is potential for narrow lines of heavy downpours and embedded thunderstorms ahead of the cold frontal passage this Aft into Night which could briefly bring 1"/hr rainfall rates and isolated 60 mph gusts.

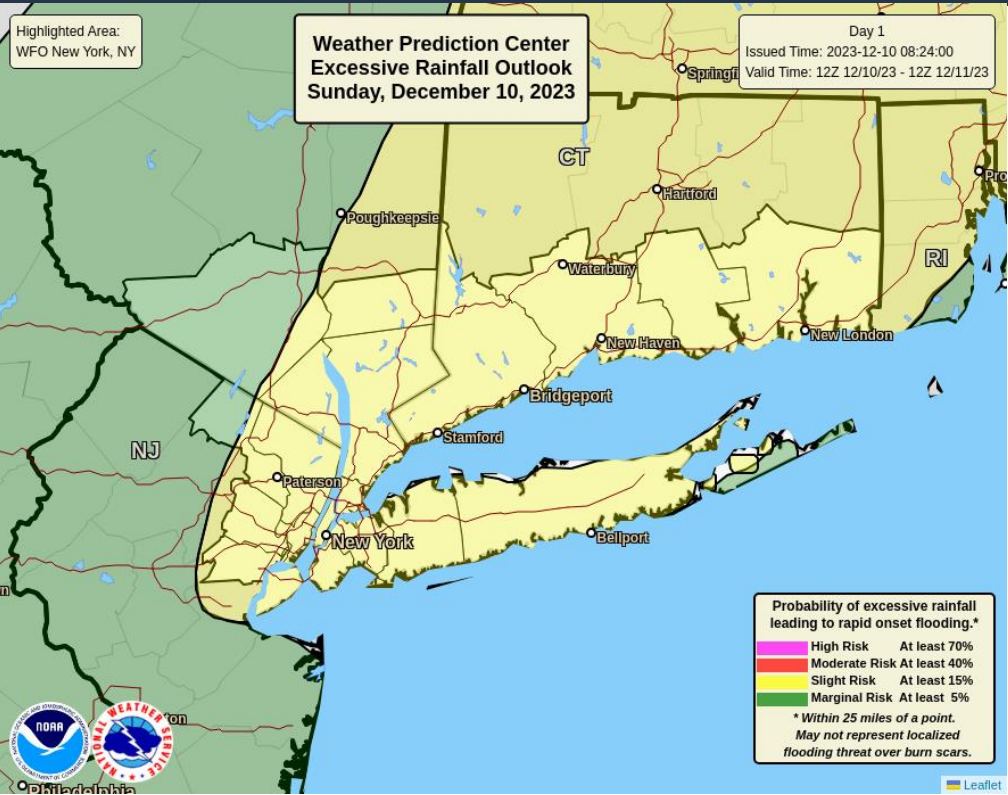
Excessive Rainfall/Flash Flood Outlook



Highlighted Area:
WFO New York, NY

Weather Prediction Center
Excessive Rainfall Outlook
Sunday, December 10, 2023

Day 1
Issued Time: 2023-12-10 08:24:00
Valid Time: 12Z 12/10/23 - 12Z 12/11/23



Flash Flood Impacts: Scattered instances of urban and quick responding river/stream flash flooding are likely where the axis of heaviest rain (3-5", locally 6+") falls. The primary threat for this is focused across southern CT, but could expand/shift a bit.

This would cause significant disruptions to transportation this evening into Monday morning, and scattered flooding of basements, first floors of residences and businesses, as well as some underground infrastructures.

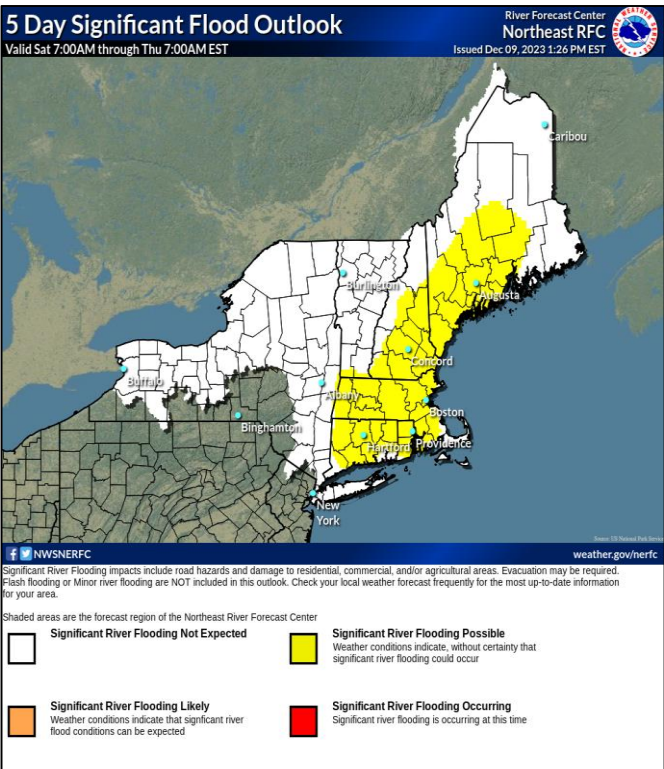
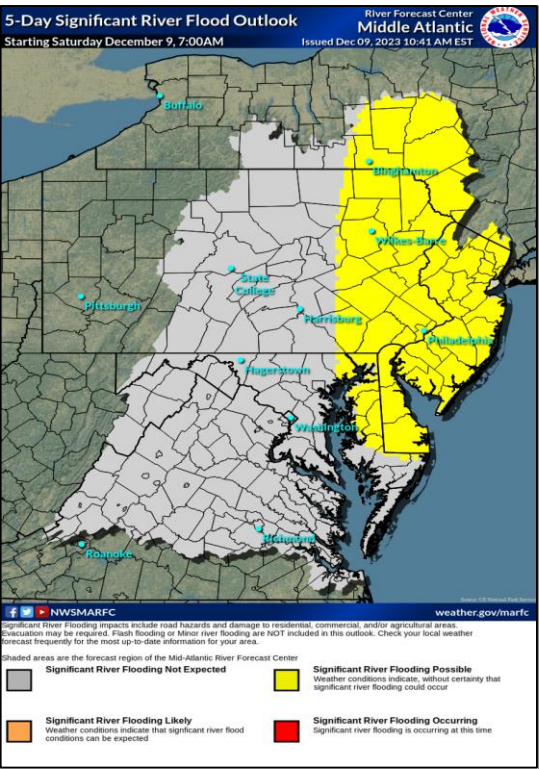
Understanding WPC Excessive Rainfall Risk Categories

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.
www.wpc.ncep.noaa.gov @NWSWPC				
WEATHER PREDICTION CENTER				

Significant River Flood Outlook



New York, NY
WEATHER FORECAST OFFICE



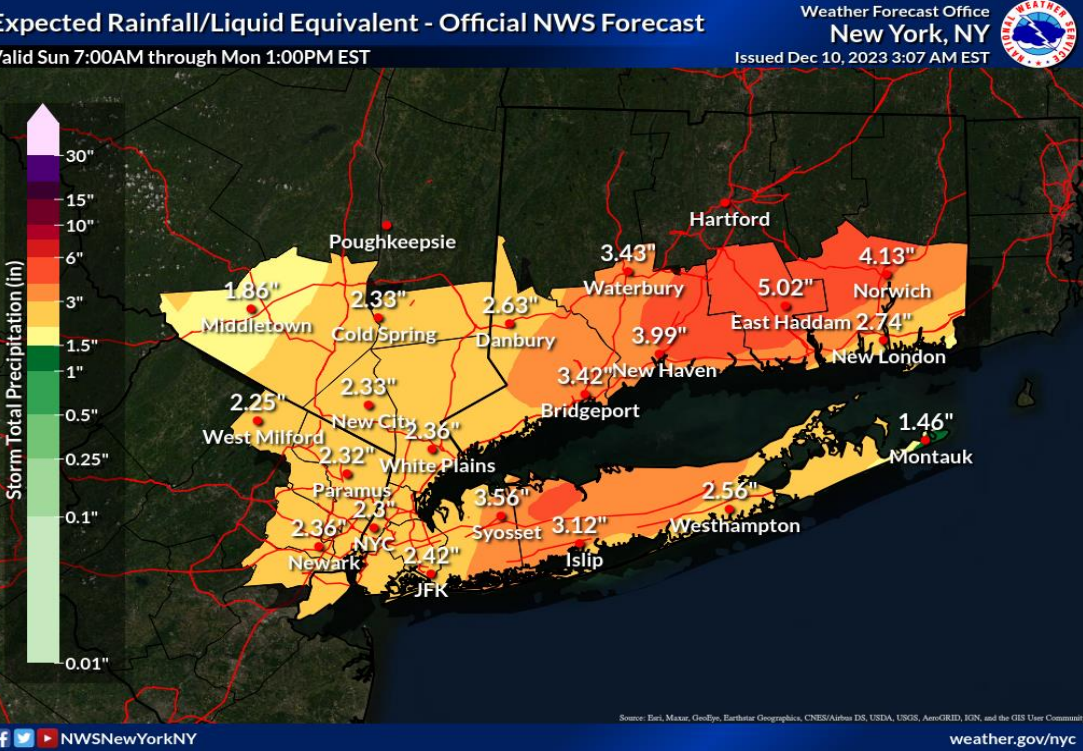
River/Stream Flooding Impacts: Minor flood levels are likely to be exceeded along several quick responding small rivers, streams, creeks across NE NJ, Lower Hudson Valley, and southern CT.

Potential exists for a few several quick responding rivers/streams to exceed moderate flood levels where the axis of heaviest rain (3-5", locally 6+") falls. The primary threat appears to be across southern CT, but could shift.

Storm Total Rainfall



New York, NY
WEATHER FORECAST OFFICE



Flood Watches Warnings and Advisories



ISSUED: 12/10/2023 4:46 AM

www.weather.gov/nyc

Peak Wind Gusts late Today into early Monday Morning

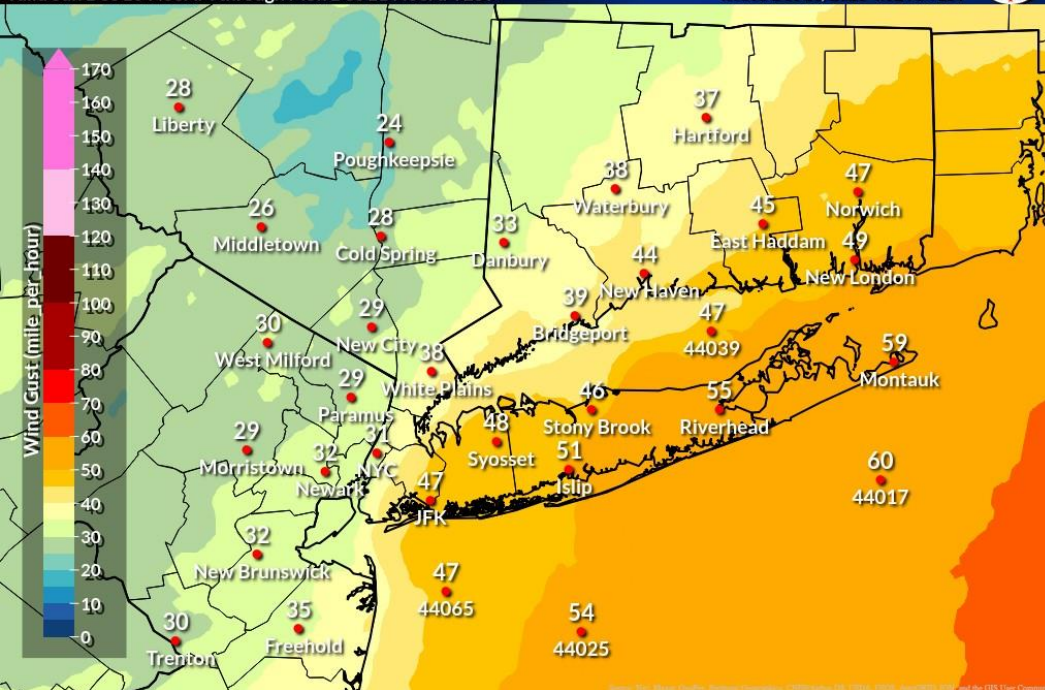


New York, NY
WEATHER FORECAST OFFICE

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 10, 2023 4:02 AM EST



NWSNewYorkNY

weather.gov/nyc

Damaging wind impacts: Gusts to 60 mph expected across Suffolk County Long Island this eve/tonight. Numerous tree limbs and scattered trees and power lines could be downed in this area. Scattered power outages are likely. Expect poorly secured outdoor objects to be damaged or blown away.



Wind Watches Warnings and Advisories

High Wind Warning
Wind Advisory



Graphic Created
December 10th, 2023
3:46 AM CST

ISSUED: 12/10/2023 4:46 AM

www.weather.gov/nyc



Marine / Coastal Hazards

