

Flooding Likely This Afternoon into Monday



New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- A slow moving cold front will bring showers and thunderstorms later today, mainly from the afternoon through the overnight. The showers and thunderstorms may linger into early Monday afternoon.
- Scattered to potentially numerous areas of flash flooding likely. Flashier small streams, rivers, and creeks could rise out of their banks.

HAZARDS & IMPACTS

- **Flash Flooding:** Scattered to numerous areas of flash flooding. Flooding likely in poor drainage and urban areas.
- **River Flooding:** Excessive runoff may result in flashier small streams, rivers, and creeks rising out of their banks, especially across northeast New Jersey, Lower Hudson Valley, and southern Connecticut.
- **Rainfall Rates:** 1 to 2 "/hr.
- **Severe Thunderstorms:** Isolated damaging wind gusts possible this afternoon and evening across NYC metro on north and west.
- **Timing:** This afternoon into tonight from Hudson River west and this evening into early Monday afternoon across Southern Connecticut.

Flood Watch

Weather Forecast Office
New York, NY
Issued Jul 09, 2023 4:41 AM EDT



NWS ALERTS

- **Flood Watch** for Lower Hudson Valley, Northeast New Jersey and NYC metro from 2 pm Today through 6 am Monday.
- **Flood Watch** for Southern Connecticut from 8 pm Today through 2 pm Monday.

FORECAST CHALLENGES

- A Flood Watch could still be needed for Long Island if the heavy rainfall/flooding threat increases there.
- The exact timing and axis of the heaviest rainfall, which could enhance amounts and flooding.
- If the system is slower, the risk of flooding would continue across more of the area on Monday.

NEXT BRIEF

- By 6 PM this evening.

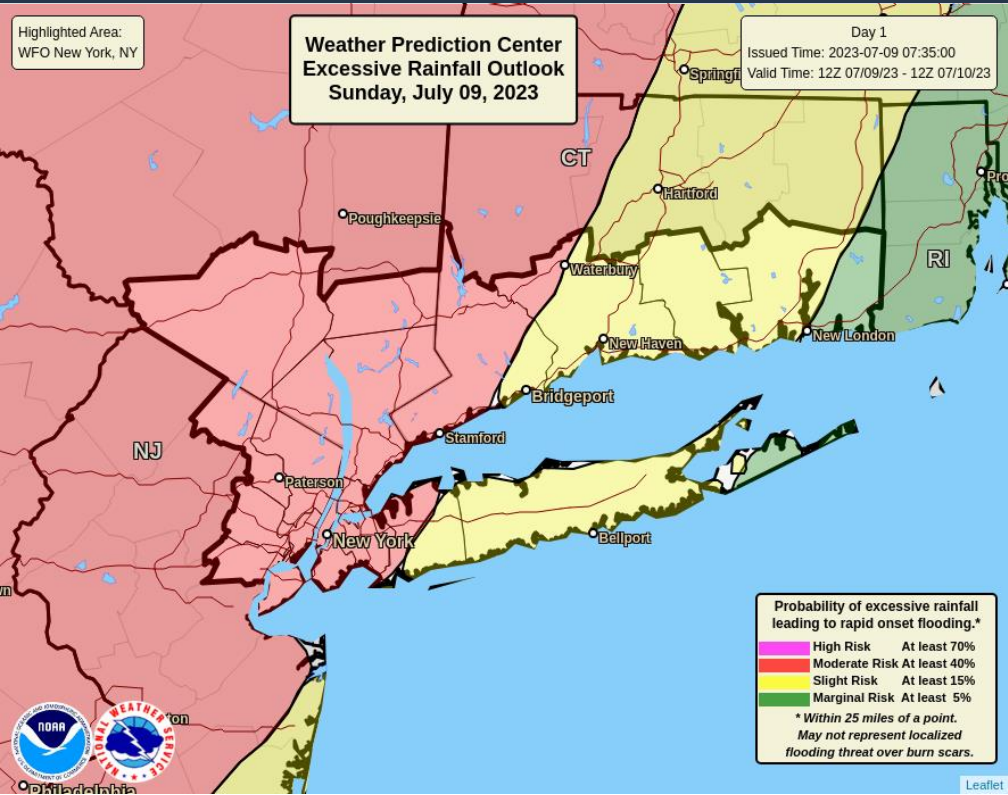
Excessive Rainfall/Flash Flood Outlook Today



Highlighted Area:
WFO New York, NY

**Weather Prediction Center
Excessive Rainfall Outlook
Sunday, July 09, 2023**

Day 1
Issued Time: 2023-07-09 07:35:00
Valid Time: 12Z 07/09/23 - 12Z 07/10/23



Probability of excessive rainfall leading to rapid onset flooding.*

- High Risk At least 70%
- Moderate Risk At least 40%
- Slight Risk At least 15%
- Marginal Risk At least 5%

* Within 25 miles of a point.
May not represent localized flooding threat over burn scars.

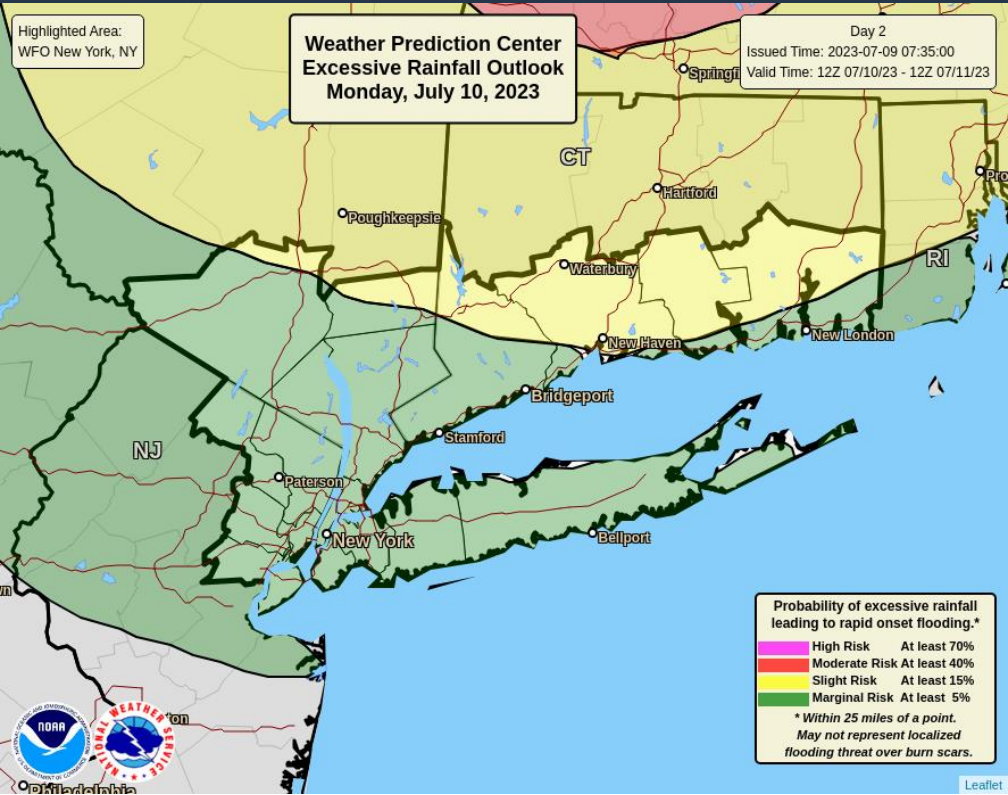
Understanding WPC Excessive Rainfall Risk Categories

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.
Flash flooding near me?	Flash Flooding	Flash Flooding	Flash Flooding	Flash Flooding
WEATHER PREDICTION CENTER				

Excessive Rainfall/Flash Flood Outlook Monday



New York, NY
WEATHER FORECAST OFFICE



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www.wpc.ncep.noaa.gov @NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
WEATHER PREDICTION CENTER				

Storm Total Rainfall



New York, NY

WEATHER FORECAST OFFICE

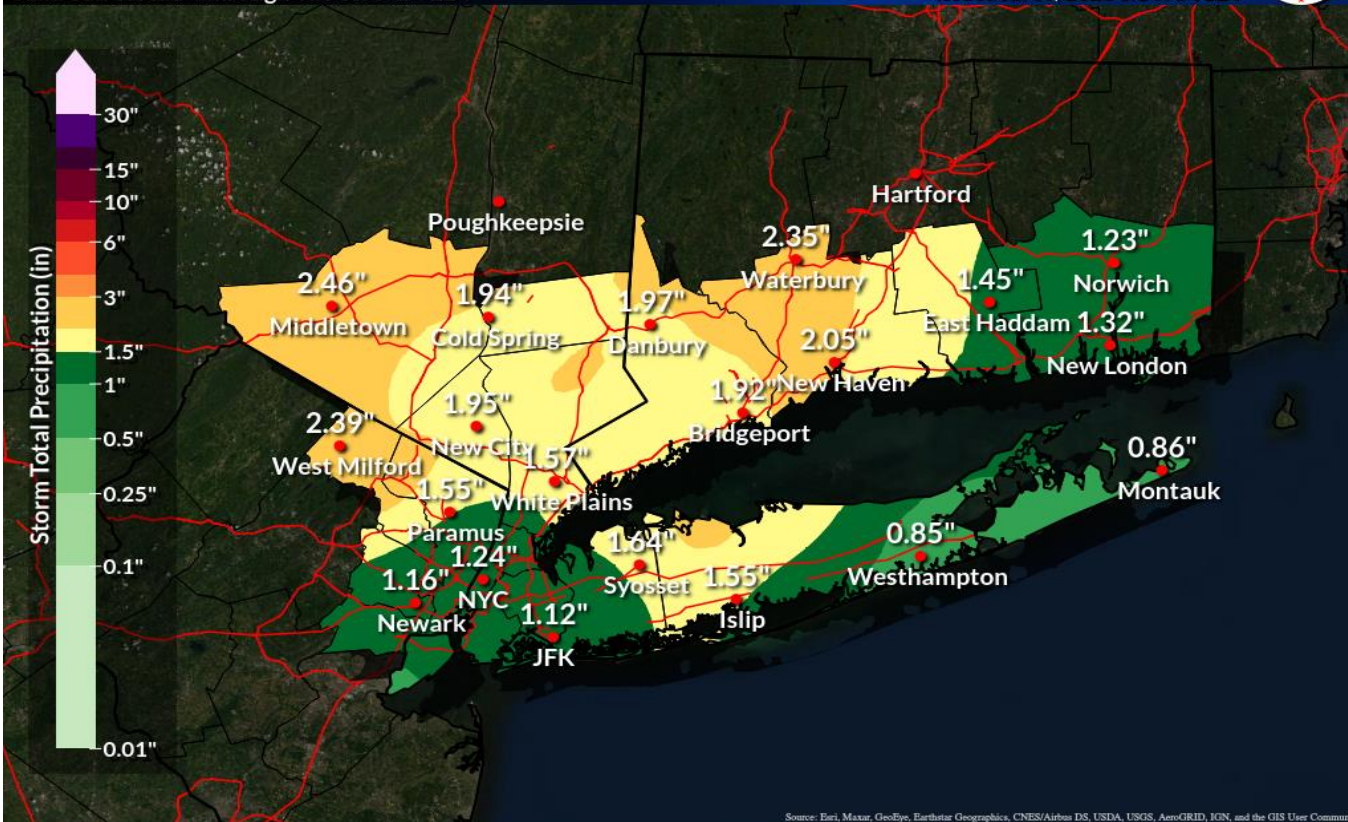
Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid Sun 8:00AM through Tue 8:00AM EDT

Issued Jul 09, 2023 3:14 AM EDT



Source: Erii, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

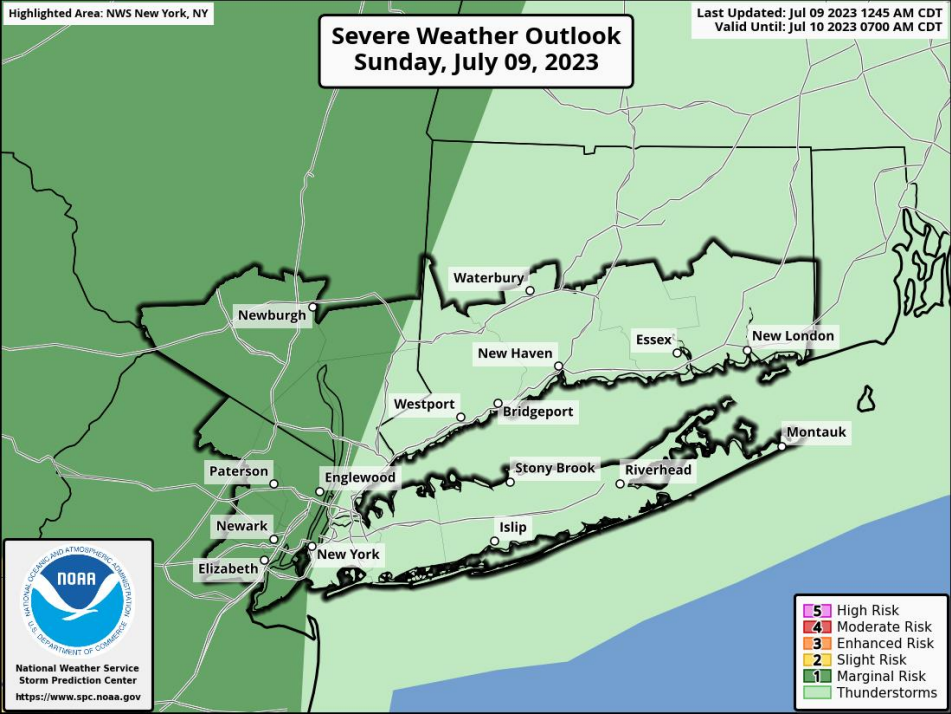
f t v NWSNewYorkNY

weather.gov/nyc

ISSUED: 7/9/2023 4:51 AM

www.weather.gov/nyc

Isolated Severe Thunderstorm Threat



Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with all thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.

