

Flash Flooding Potential Today into Early Thursday



New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- Heavy rain from the remnants of Ida bring potential flash flooding to the region today into early Thursday.
- There is a Moderate to High risk of excessive rainfall leading to flash flooding.
- A chance of thunderstorms late this afternoon into tonight. Damaging winds are possible. Brief isolated tornadoes also possible.

HAZARDS & IMPACTS

- **Storm Total Rainfall:** 3 to 6 inches, with locally higher amounts possible.
- **Rainfall Rates:** 1 to 2"/hour at times.
- **Impacts:** Scattered to widespread flash flooding of urban and poor drainage areas as well as small streams and creeks is likely. Rises on main stem rivers are possible, which could lead to additional flooding.
- **Tornadoes:** An isolated tornado cannot be ruled out, especially near the coast.
- **Coastal Flooding:** Minor mainly near Peconic Bay for Eastern Long Island.

TIMING

- **Flash Flood Threat:** Today into early Thursday.
- **Isolated Tornado Threat:** Late this afternoon into tonight.
- **Coastal Flood Threat:** Tonight during high tide.

NWS ALERTS

- **Flash Flood Watch:** 8am Today until 2pm Thursday.

FORECAST CHALLENGES

- Highest rainfall amounts along Northeast NJ, Lower Hudson Valley and Southern CT. Some slight adjustments to the axis of heavy rainfall may occur, but there is moderate to high confidence in the threat for flash flooding across the entire area.
- Abnormally wet conditions so far this summer have resulted in higher than normal streamflow and water tables, which elevates the flash flood threat.

NEXT BRIEF

- This is the last briefing unless significant changes are made to the forecast.



Flood Watches Warnings and Advisories



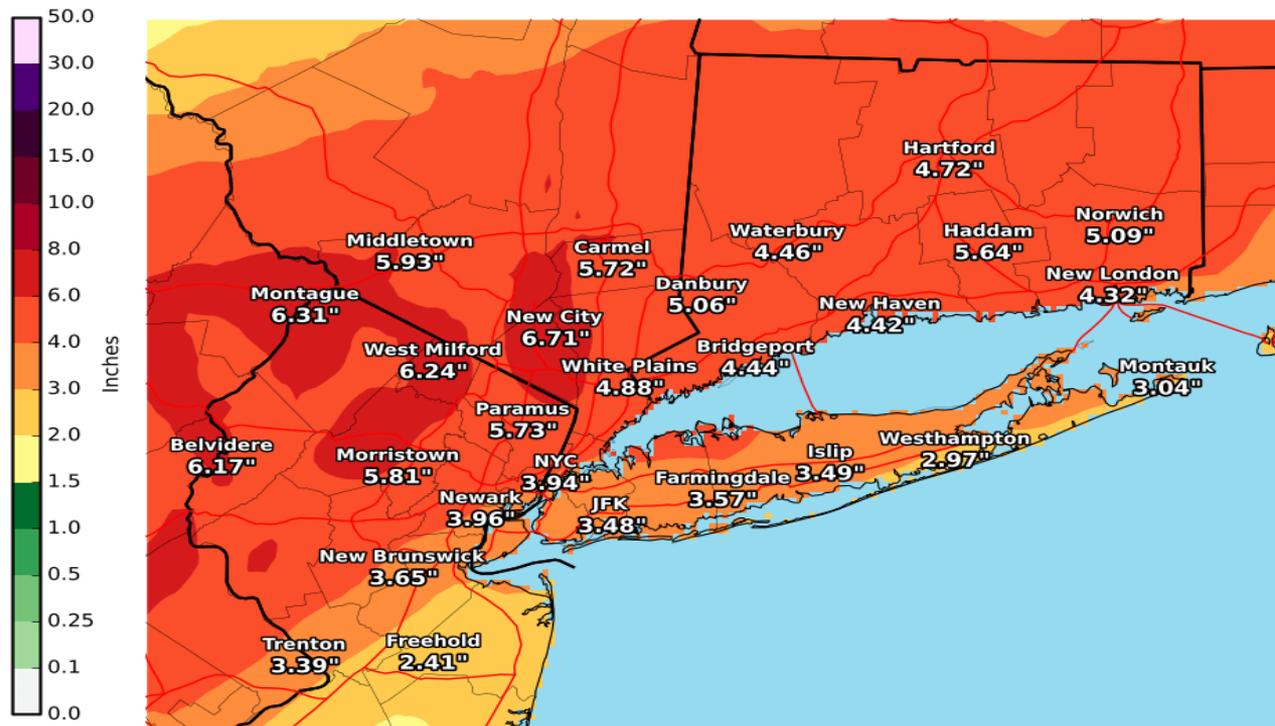
Graphic Created
September 1st, 2021
5:46 AM EDT

Expected Rainfall – Official NWS Forecast



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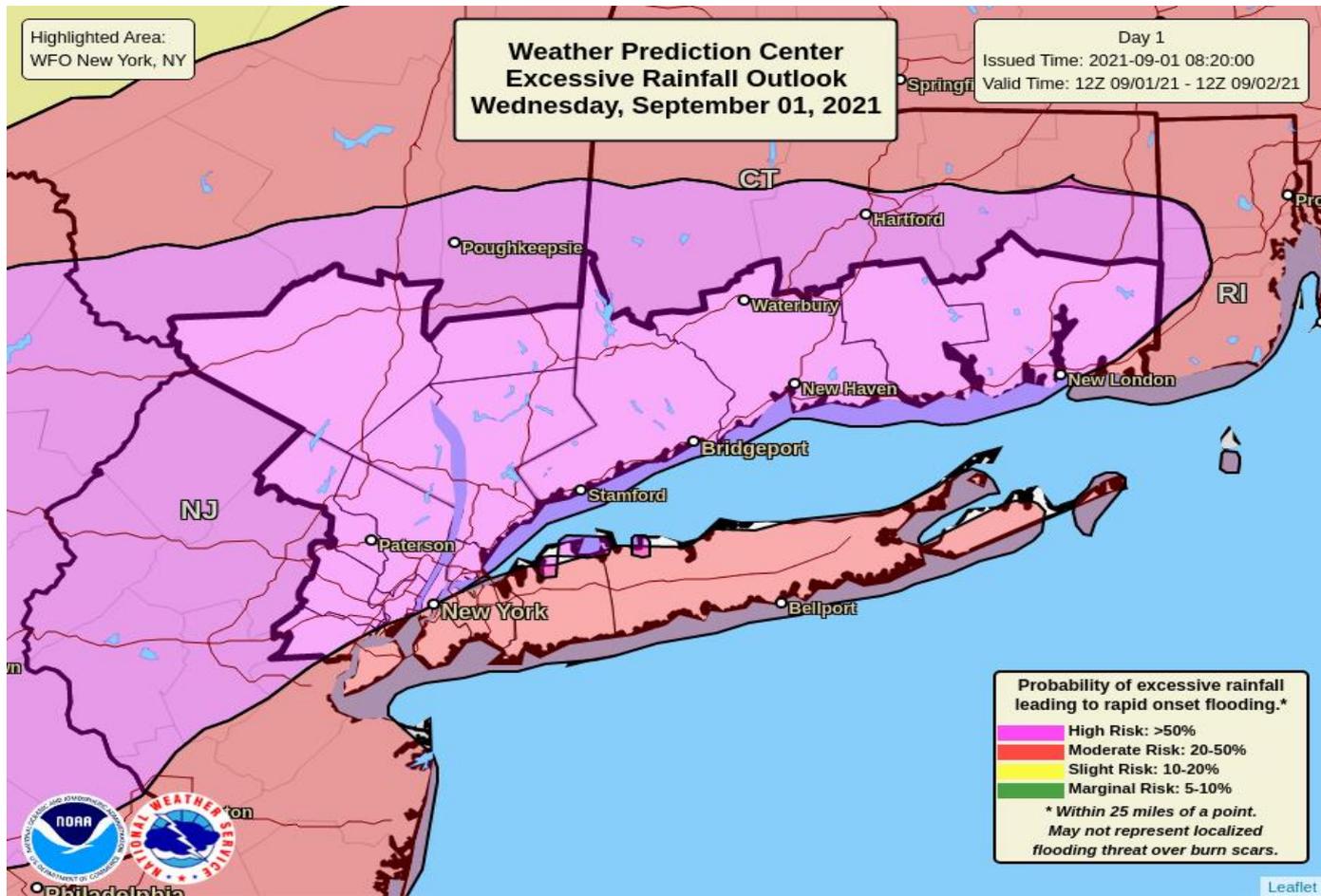
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Excessive Rainfall Outlook for Today



Leaflet



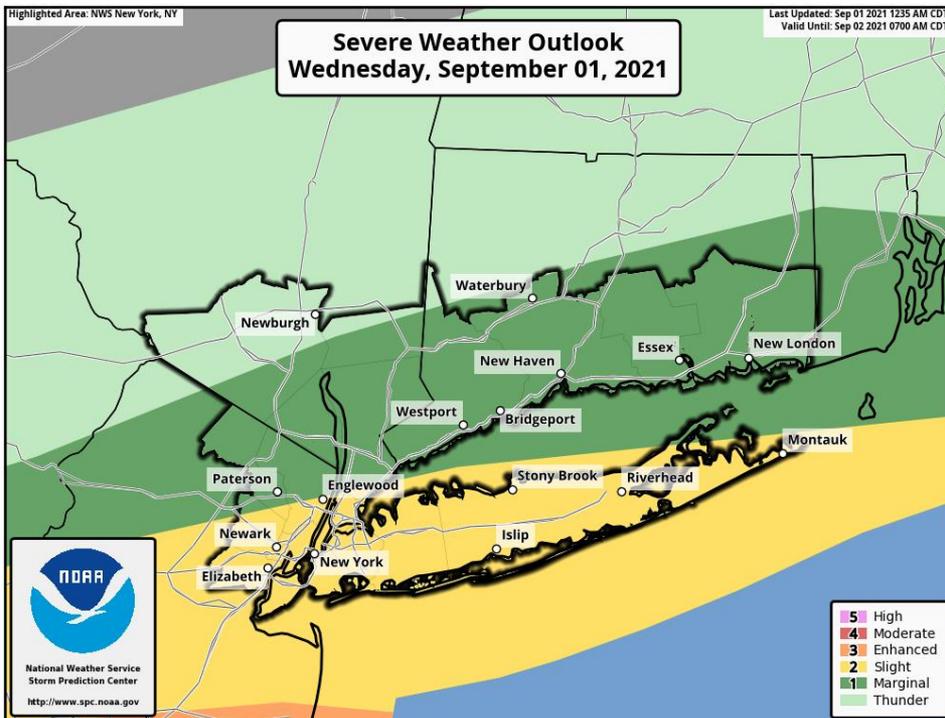
Understanding WPC Excessive Rainfall Risk Categories

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

Severe Thunderstorm Threat (Isolated Tornado Possible)



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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.



National Weather Service
www.spc.noaa.gov

