



Another Round of Moderate to Heavy Rainfall

March 5, 2024
4:09 PM



Wednesday PM through Early Thursday AM

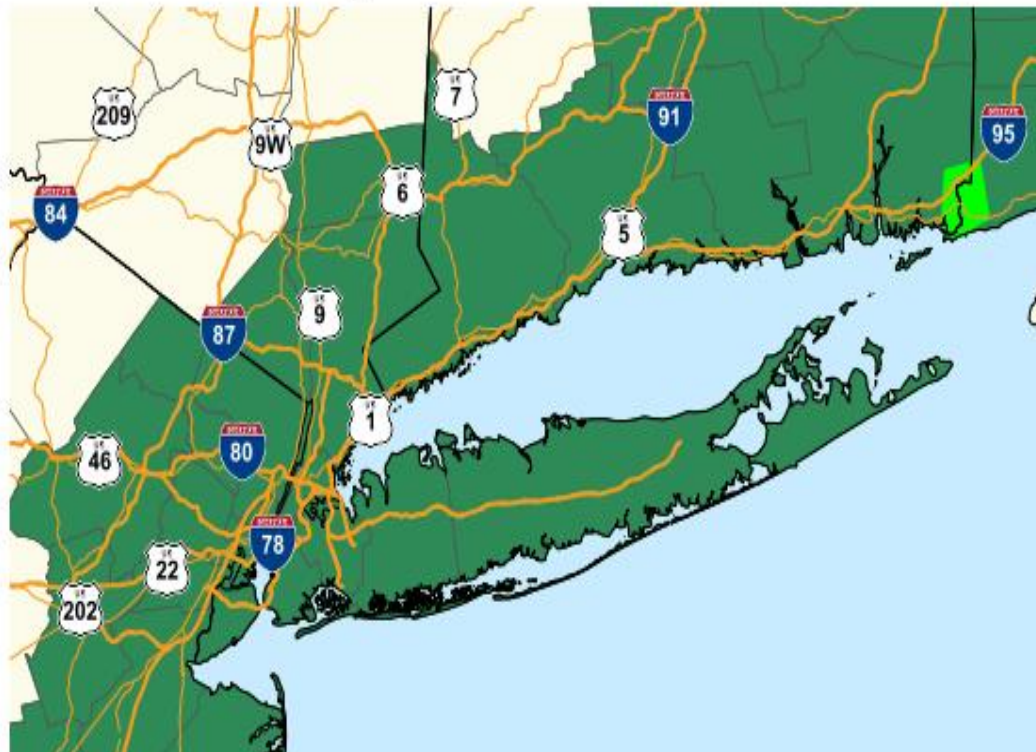
Overview

- A coastal low will bring moderate to heavy rain Wed PM through Thu AM
- Widespread minor urban, poor drainage flooding is likely Wed night into Thu. Minor flooding is also possible along several quick responding small rivers, streams, and creeks.



Flood Watches Warnings and Advisories

 Flood Warning
 Flood Watch



Graphic Created
March 5th, 2024
4:04 PM EST

HAZARDS & IMPACTS

Wed PM into Thu AM Heavy Rain:

- **Storm Total Rainfall:**
 - **LI and S CT:** 2 to 3" likely, locally higher possible.
 - **NYC/NJ metro, NE NJ, and Lower Hud:** 1 to 2" likely, locally higher possible.
 - **Peak Rainfall Rates:** Around 1"/hr at times Wed 6pm to 3am Thurs
 - **Urban/Poor Drainage Flooding:** Widespread minor flooding of urban, poor drainage, and low-lying areas. The threat of flash flooding is localized.
 - **River/Stream Flooding:** Minor flooding likely Wed night into Thursday along a few to several quick responding small rivers, streams, creeks and adjacent roads and properties, particularly across S CT. **Moderate flooding possible along a few quick responding small rivers, streams, creeks and adjacent roads and properties if rainfall exceeds 3" in 12 hrs. Primary threat across S CT.** Significant rises are possible for large stem rivers of CT as well through the late week period.
- Sat into Sun Outlook:** Potential for an additional 1 to 2" of rain. Additional widespread urban, poor drainage, and river flooding impacts are possible. Minor coastal flooding possible during the times of high tide Thu Night into the weekend.

NWS ALERTS

- **Flood Watch:** For much of the region

FORECAST CHALLENGES

- Exact location of a 30-50 mile wide axis of heavy rainfall. Higher probability for this to setup across E LI and S CT, with decreasing probability farther west.
- Soil moisture is running 60-80% above normal, with a majority of area rivers and streamflows running above to much above normal. This will allow for rainfall to more quickly become runoff and flooding. Each successive rain event will further elevate soil moisture and stream flows, increasing the urban and river flood threat.



National Oceanic and Atmospheric Administration
U.S. Department of Commerce

Next Brief: by 6am Wednesday

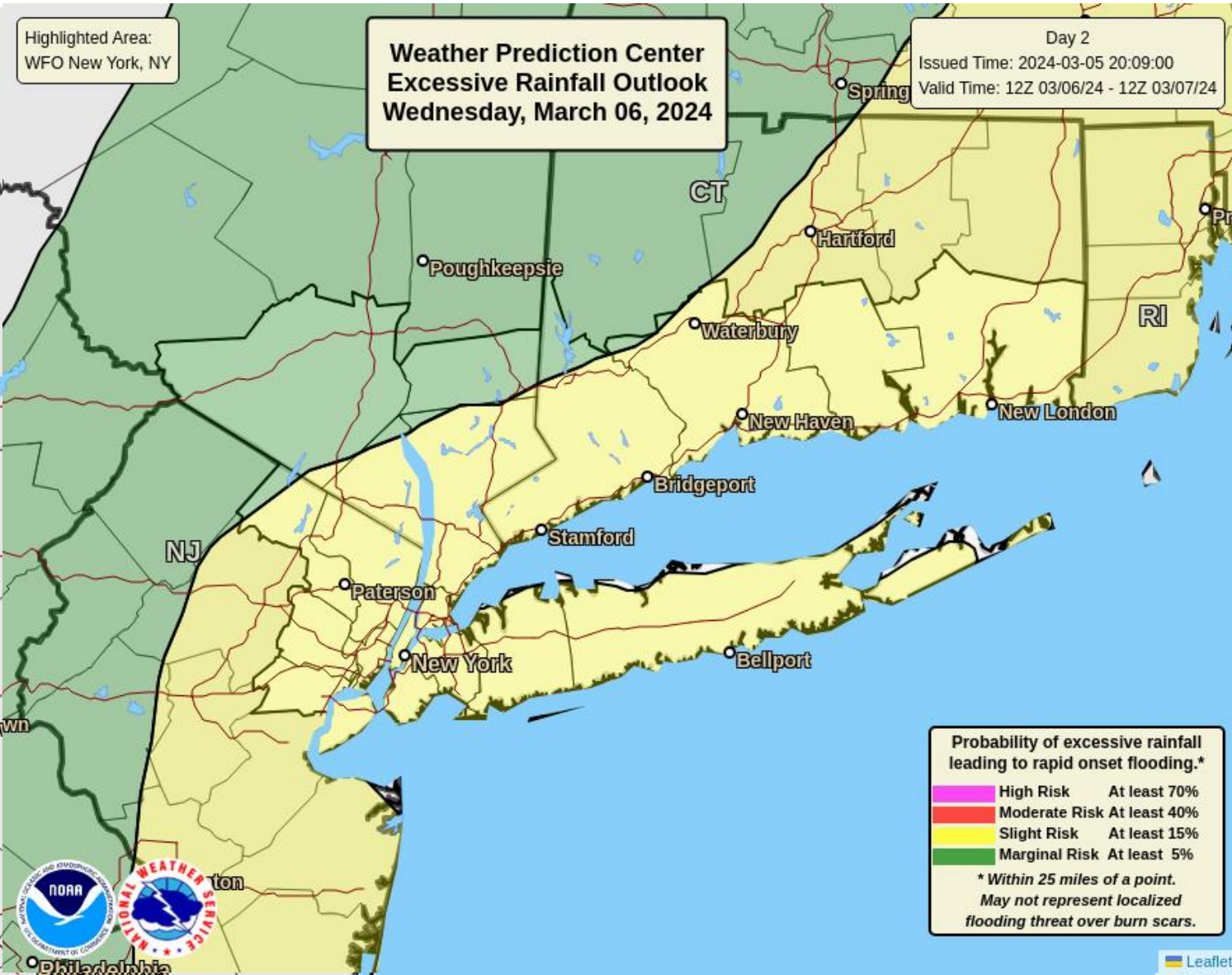
National Weather Service
New York, NY



Excessive Rainfall Outlook

March 5, 2024
4:09 PM

Valid Wednesday into Wednesday Night



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
www.wpc.ncep.noaa.gov @NWSWPC	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, could. Lives and property in greater danger.
Flash flooding near me?	Flash Flooding	Flash Flooding	Flash Flooding	Flash Flooding
	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding	NO Flash Flooding



Storm Total Rainfall

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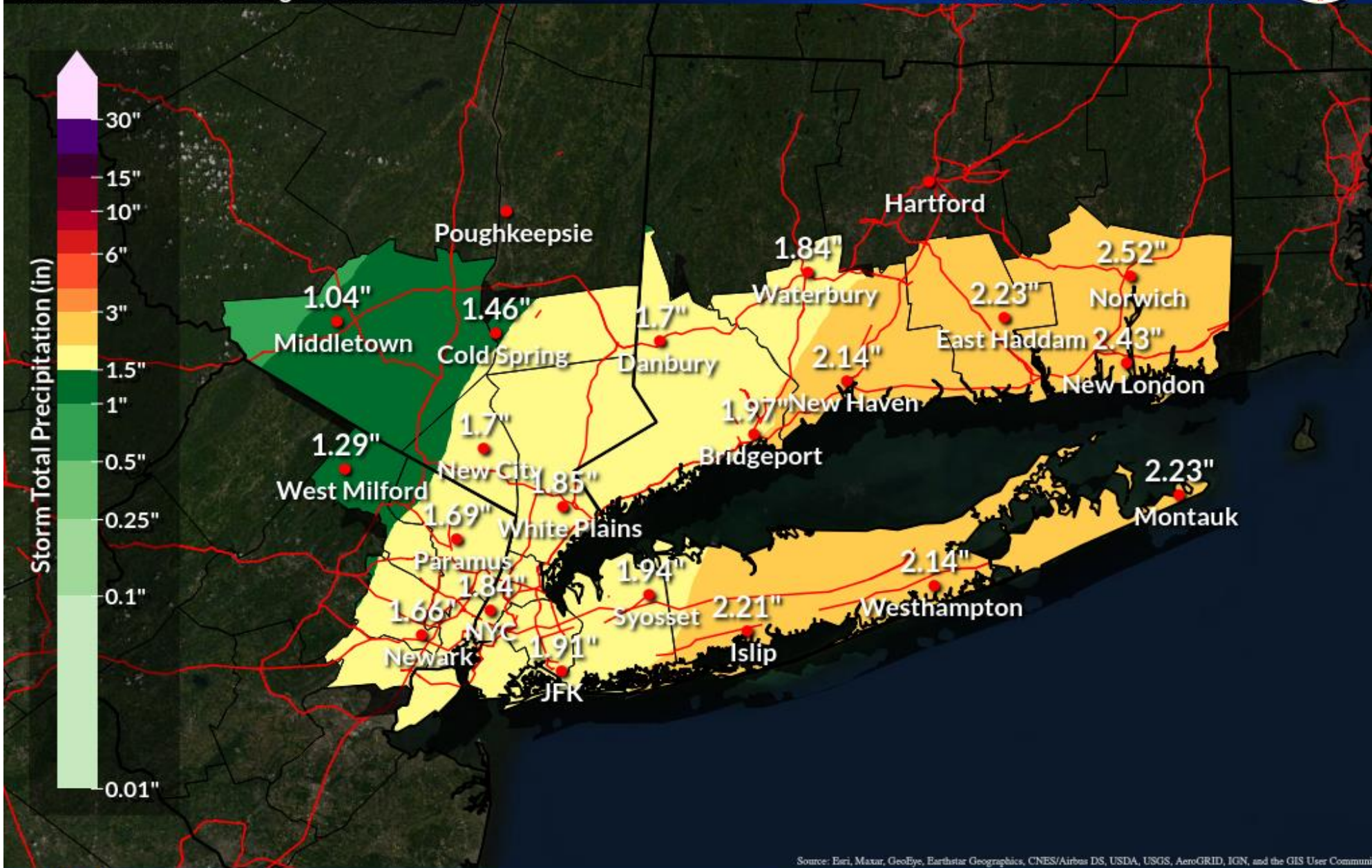
Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid Wed 7:00AM through Thu 1:00PM EST

Issued Mar 05, 2024 2:51 PM EST



NWSNewYorkNY

weather.gov/nyc



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY



River Flooding Outlook

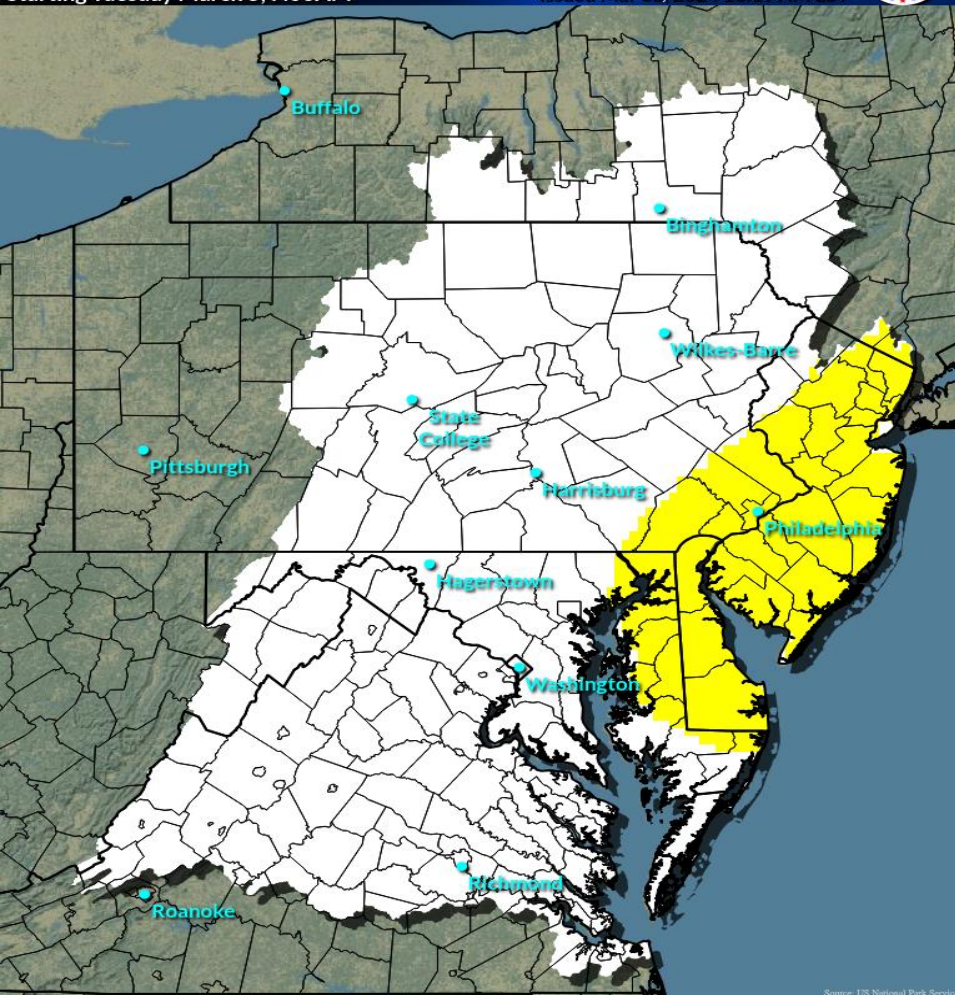
March 5, 2024
4:09 PM

5-Day Significant River Flood Outlook

Starting Tuesday March 5, 7:00AM

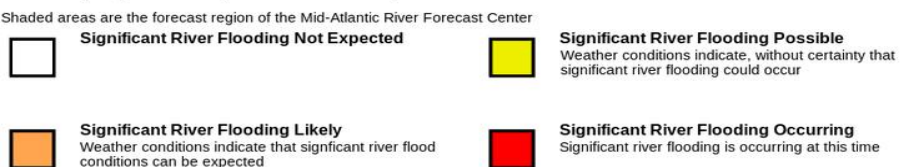
River Forecast Center
Middle Atlantic

Issued Mar 05, 2024 10:19 AM EST



NWSMARFC weather.gov/marfc

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.

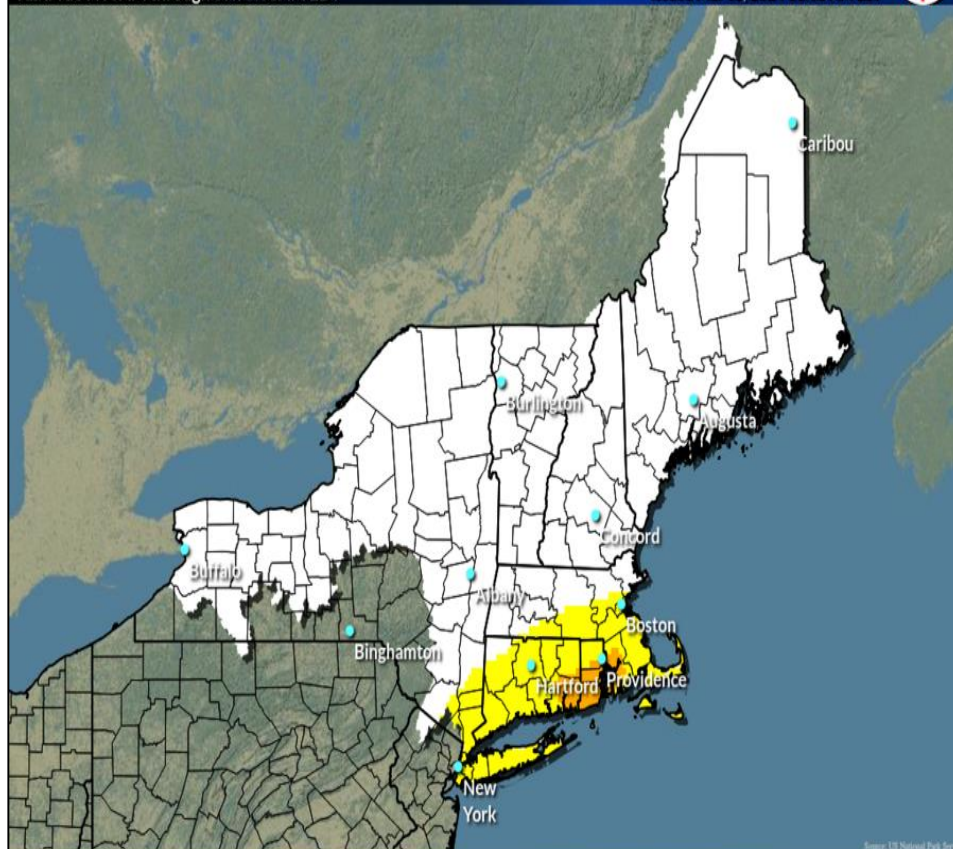


5 Day Significant Flood Outlook

Valid Tue 7:00AM through Sun 8:00AM EDT

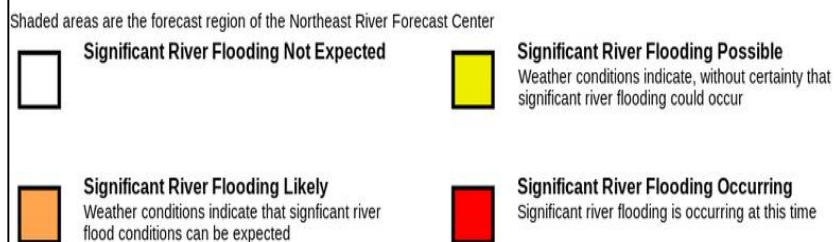
River Forecast Center
Northeast RFC

Issued Mar 05, 2024 11:38 AM EST



NWSNERFC weather.gov/nerfc

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.



Minor flooding likely along several quick responding small rivers and streams, especially across S CT Wed PM into Thu.

- ✓ **Moderate flooding possible along a few quick responding small rivers and streams, including the Yantic River if greater than 3" of rainfall is realized Wed into Wed Night.**
- ✓ **Moderate Flood Impacts:** Some inundation of structures and roads near stream, evacuations of people and/or transfer of property to higher elevations.

Forecast Challenge: The exact axis of heavy rainfall will determine the breadth and magnitude of river flooding.

Latest [river forecasts](#), impact catalogs, and [inundation maps](#) can be found [here](#).

You can also refer to the [Mid-Atlantic](#) or [Northeast River Forecast Center](#) for the latest information on river forecasts.

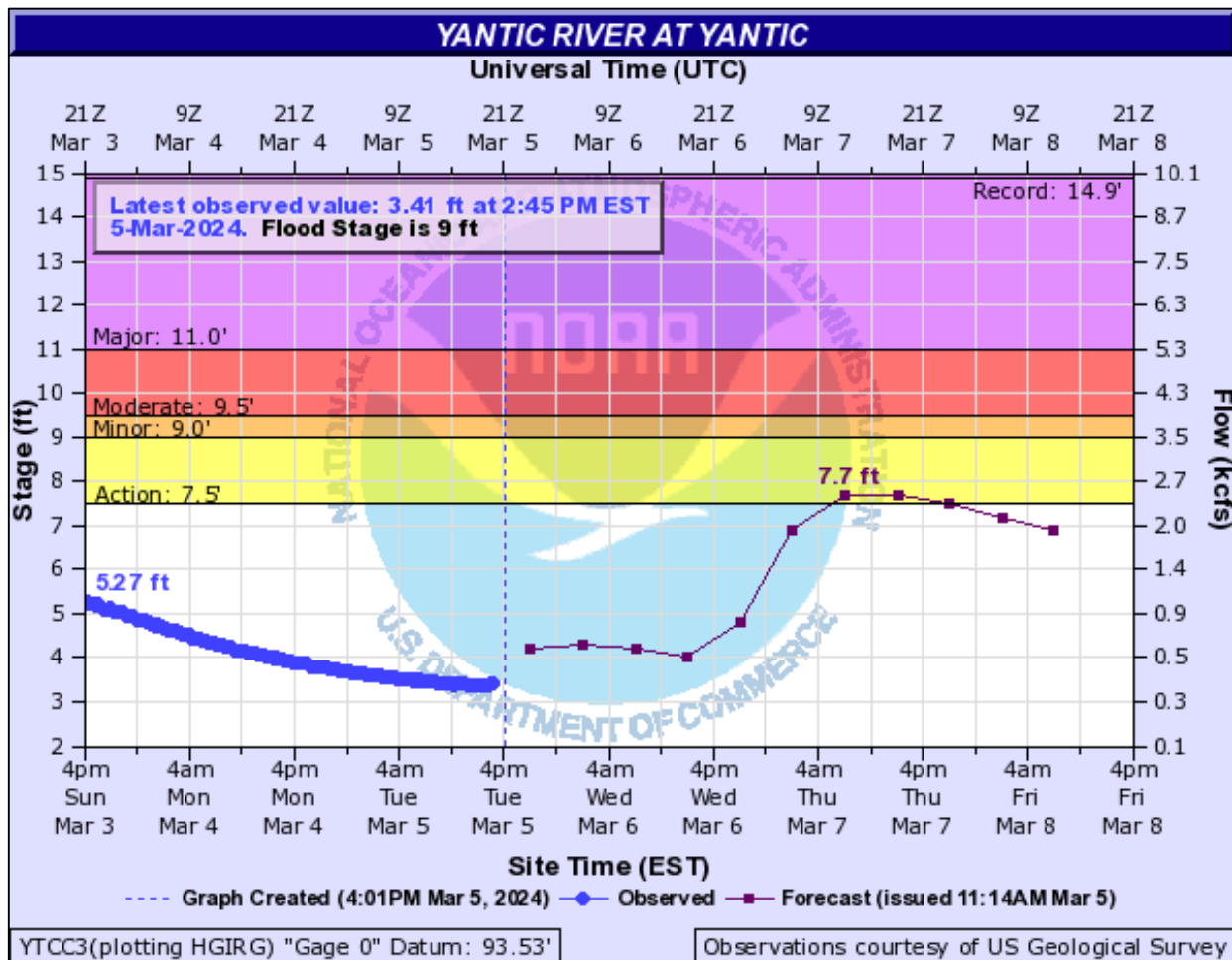


Southern CT River Flooding Potential

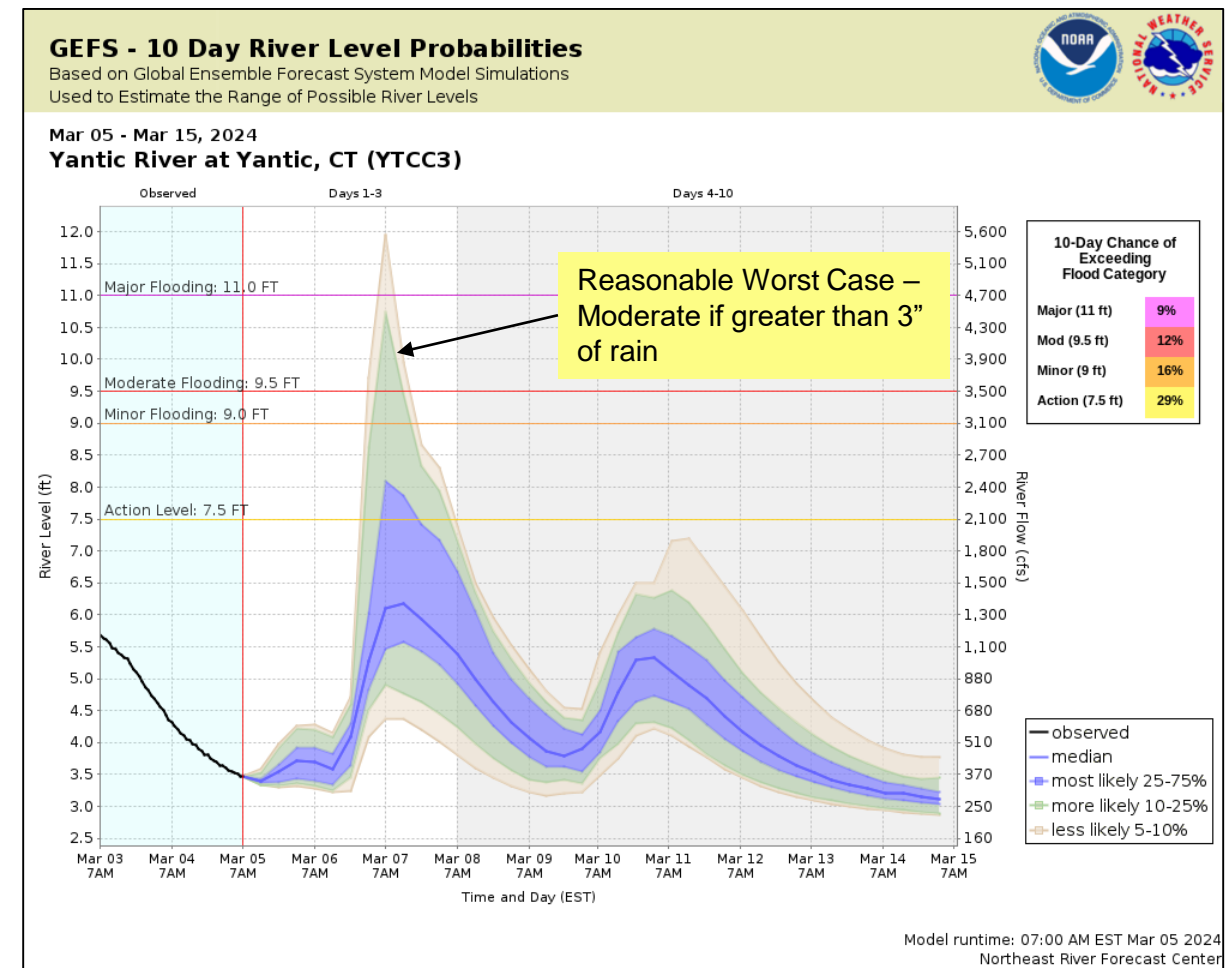
March 5, 2024
4:09 PM

- ✓ Minor flooding likely along several quick responding small rivers and streams if greater than 2" of rainfall is realized.
- ✓ **Moderate flooding possible along a few quick responding small rivers and streams if greater than 3" of rain is realized, including the Yantic River.**
- ✓ **Moderate Flood Impacts:** Some inundation of structures and roads near stream, evacuations of people and/or transfer of property to higher elevations.

Official RFC Forecast – Yantic River at Yantic CT



Probabilistic Forecast - Yantic River at Yantic CT



For more details...See here for the latest [river forecasts](#), impact catalogs, and [inundation maps](#).

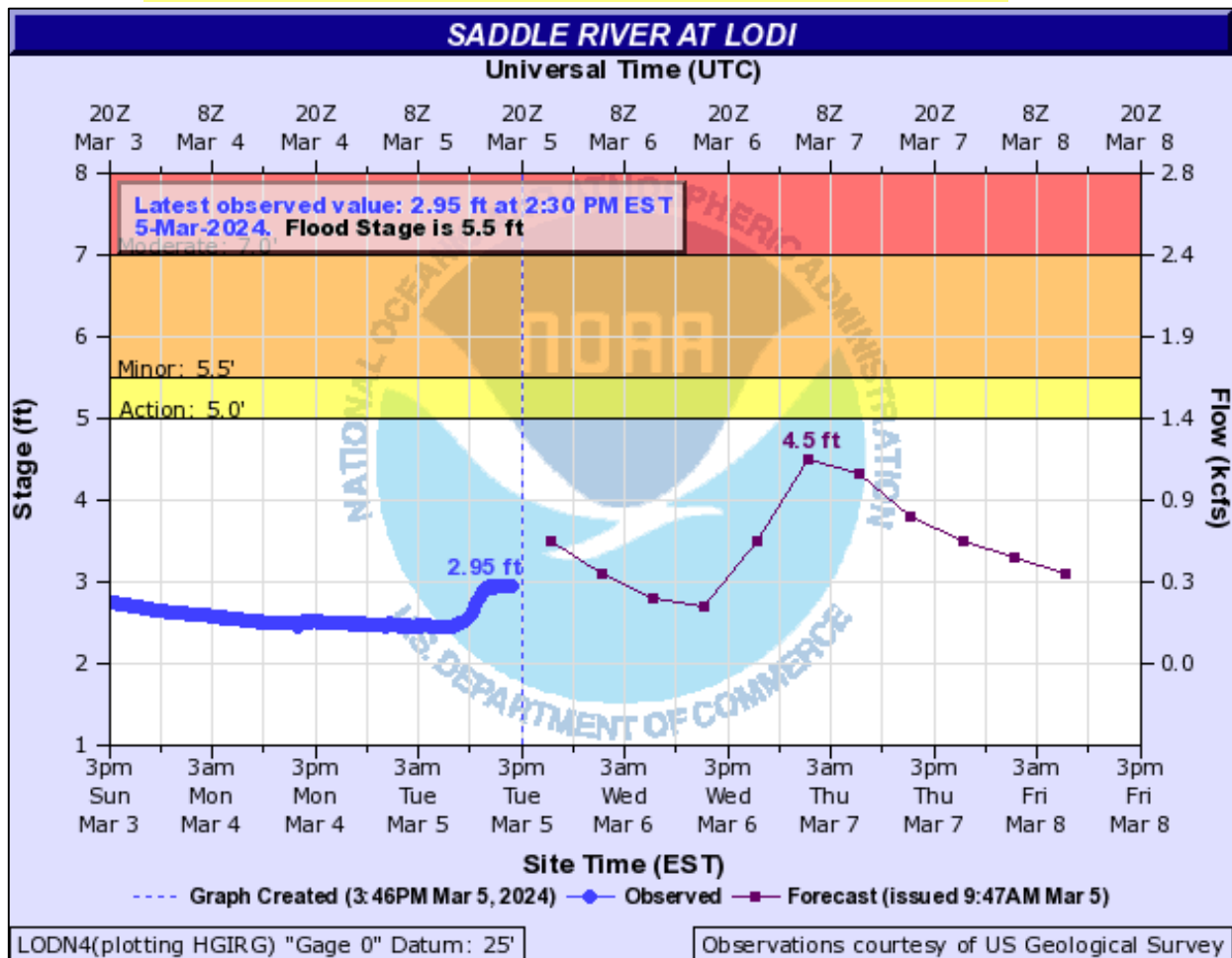


Northeastern NJ River Flooding Potential

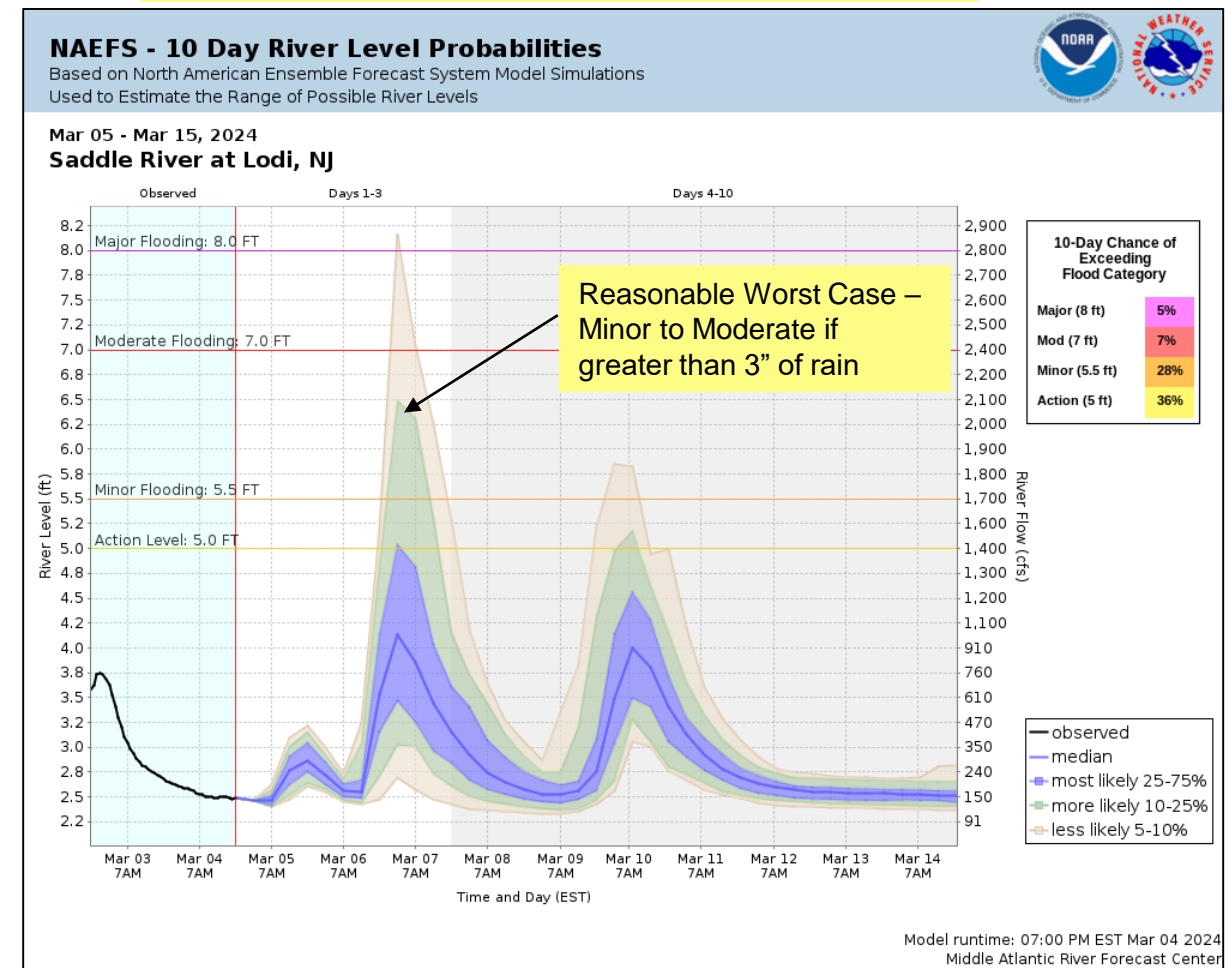
March 5, 2024
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- ✓ Minor flooding likely along several quick responding small rivers and streams, including the Saddle River, Ramapo River, Rahway, Passaic, Hackensack Rivers and Hohokus Brook if greater than 1 ½ to 2” of rain is realized.
- ✓ **Moderate flooding possible along a few quick responding small rivers and streams if greater than 2 ½ to 3” of rain is realized, particularly the Saddle River.**
- ✓ **Moderate Flood Impacts:** Some inundation of structures and roads near stream, evacuations of people and/or transfer of property to higher elevations.

Official RFC Forecast – Saddle River at Lodi NJ



Probabilistic Forecast – Saddle River at Lodi NJ



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