



Another Round of Moderate to Heavy Rainfall

March 6, 2024
3:51 PM

Through late Tonight

Overview

- A couple of coastal low pressure systems will bring moderate to heavy rain this afternoon into tonight.
- Widespread minor urban, poor drainage flooding is likely this evening into tonight. Minor flooding is also likely along a few to several quick responding small rivers, streams, and creeks.



Flood Watches Warnings and Advisories

 Flood Warning
 Flood Watch



Graphic Created
March 6th, 2024
3:32 PM EST

HAZARDS & IMPACTS

This Afternoon into late Tonight - Heavy Rain - Flood Watch in Effect

- ❑ **Storm Total Rainfall:**
 - **LI and S CT:** 1 1/2 to 2" likely, locally 3 1/2" possible.
 - **NYC/NJ metro, NE NJ, and Lower Hud:** 1 to 1 1/2" likely, locally 2 1/2" possible.
- ❑ **Peak Rainfall Rates:** 5pm this aft to 2am Tonight
 - **LI and S CT:** 5 to 8 hr period of 1/4" to 1/2" / hr rates. Low prob of brief 3/4" to 1"/hr rates.
 - **NYC/NJ metro, NE NJ, and Lower Hud:** 2 to 5 hr period of 1/4" to 1/2" / hr rates
- ❑ **Urban/Poor Drainage Flooding:** Widespread minor flooding of urban, poor drainage, and low-lying areas. The threat of flash flooding will be localized to the most persistent heavy rain banding, highest threat across S CT.
- ❑ **River/Stream Flooding:** Minor flooding likely along a few to several quick responding small rivers, streams, creeks and adjacent roads and properties, particularly across NE NJ and S CT. **A low threat of moderate flooding exists for a few quick responding small rivers, streams, creeks and adjacent roads and properties if rainfall exceeds 2 1/2" to 3" in 6-12 hrs.** Significant rises are expected for large stem rivers of CT into this weekend.

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 likely during the times of high tide Thu Night thru this weekend.

NWS ALERTS

- **Flood Watch:** For much of the region from 1pm Today through 6am Thursday

FORECAST CHALLENGES

- There will be a widespread moderate to heavy rain swath moving northeast through much of the region btwn 5pm and 2am. There is still considerable spread on the exact location and intensity of a trailing axis of heavy rain overnight. There is higher probability for this to setup across LI and S CT, with decreasing probability to the 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.



Storm Total Rainfall

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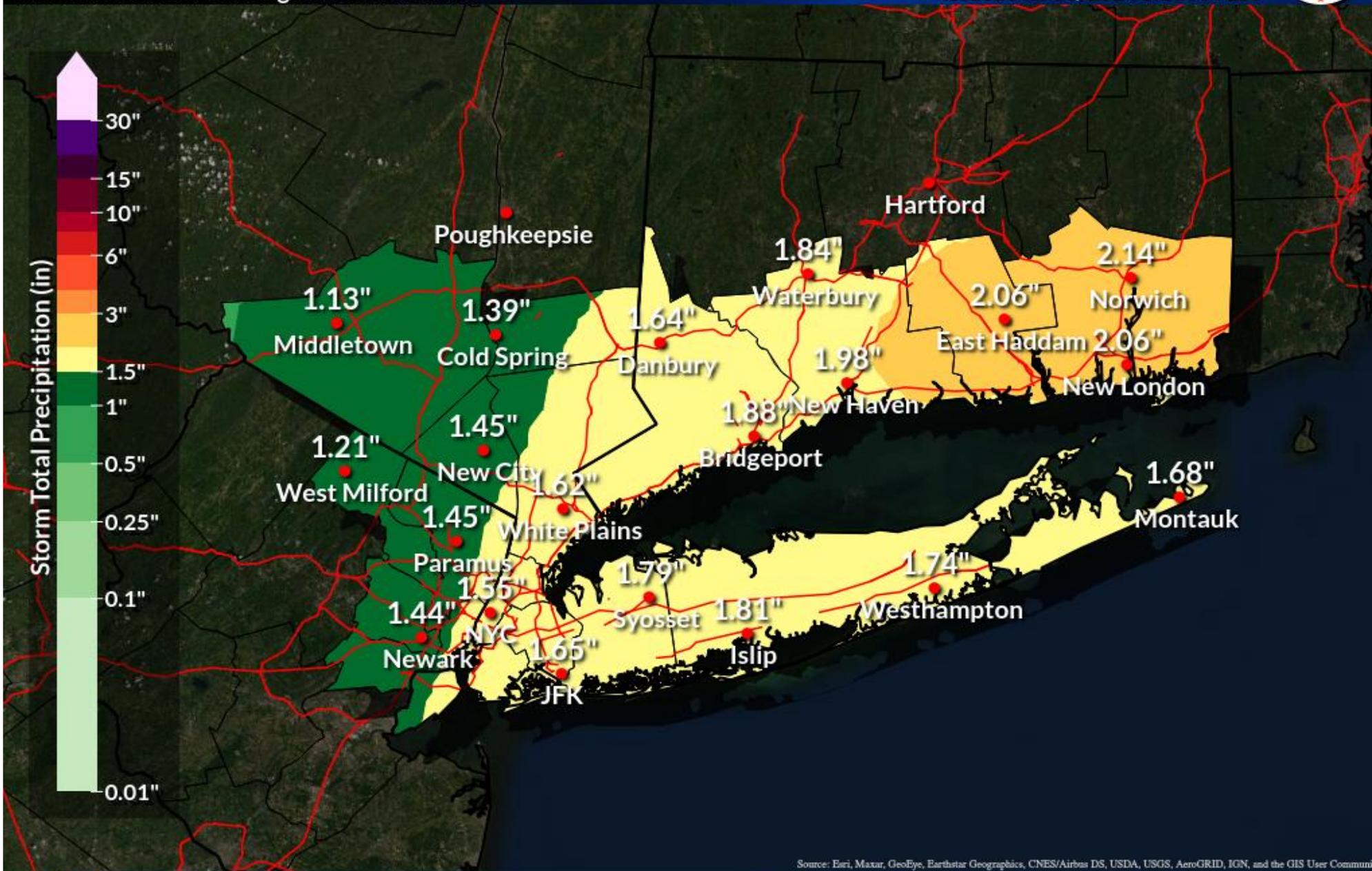
Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid Wed 1:00PM through Fri 1:00AM EST

Issued Mar 06, 2024 3:18 PM EST



NWSNewYorkNY

weather.gov/nyc



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

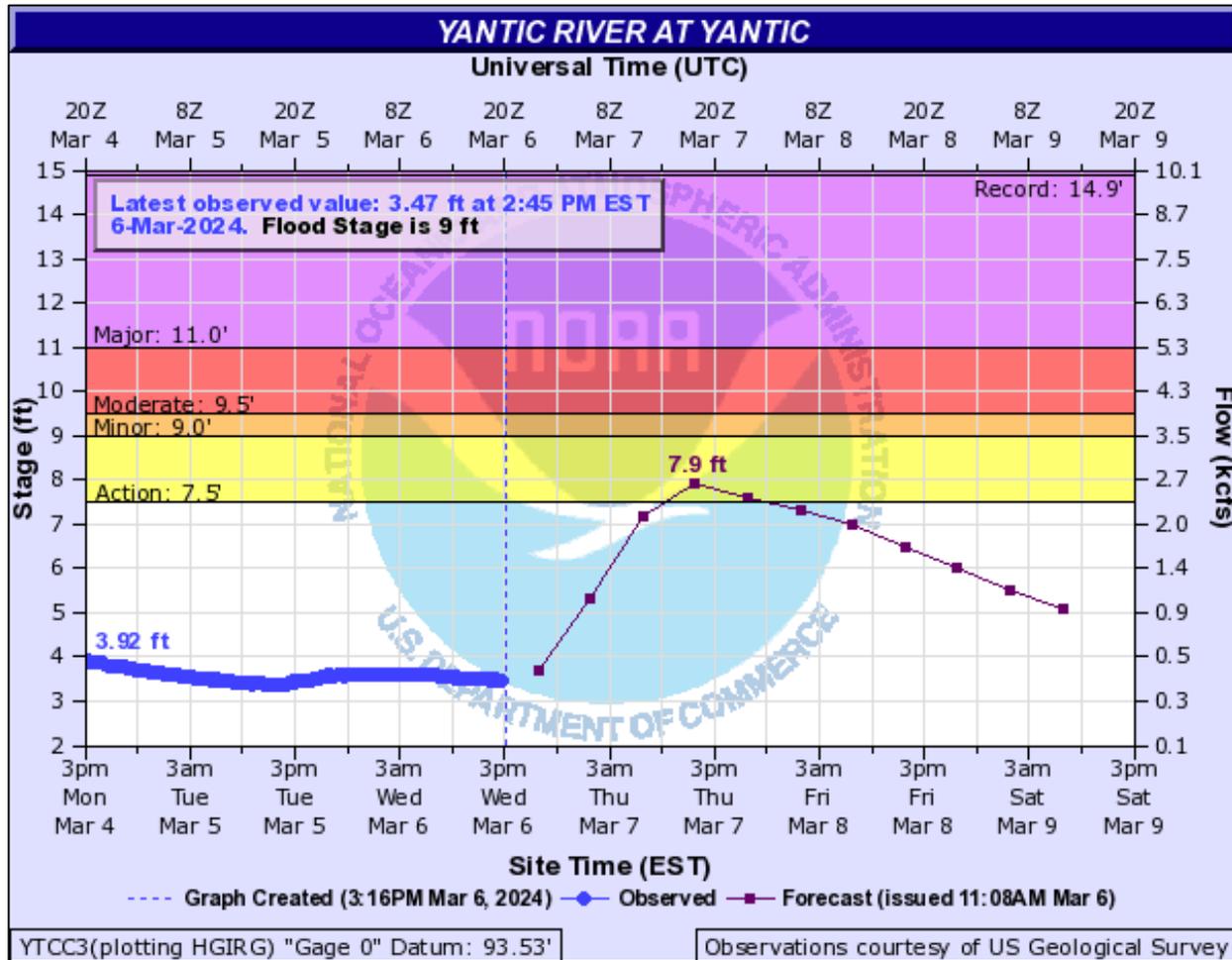
National Weather Service
New York, NY



Southern CT River Flooding Potential

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Official RFC Forecast – Yantic River at Yantic CT



Minor flooding likely along a few to several quick responding small rivers and streams “IF” greater than 2” of rainfall is realized in 6-12 hr (Probability: Moderate)

- Impacts: Minimal or no property damage, but possibly some public threat (e.g., inundation of roads)

Moderate flooding possible along a few quick responding small rivers and streams “IF” greater than 3” of rainfall is realized in 6-12 hr, particularly the Yantic River. (Probability: Low)

- **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.

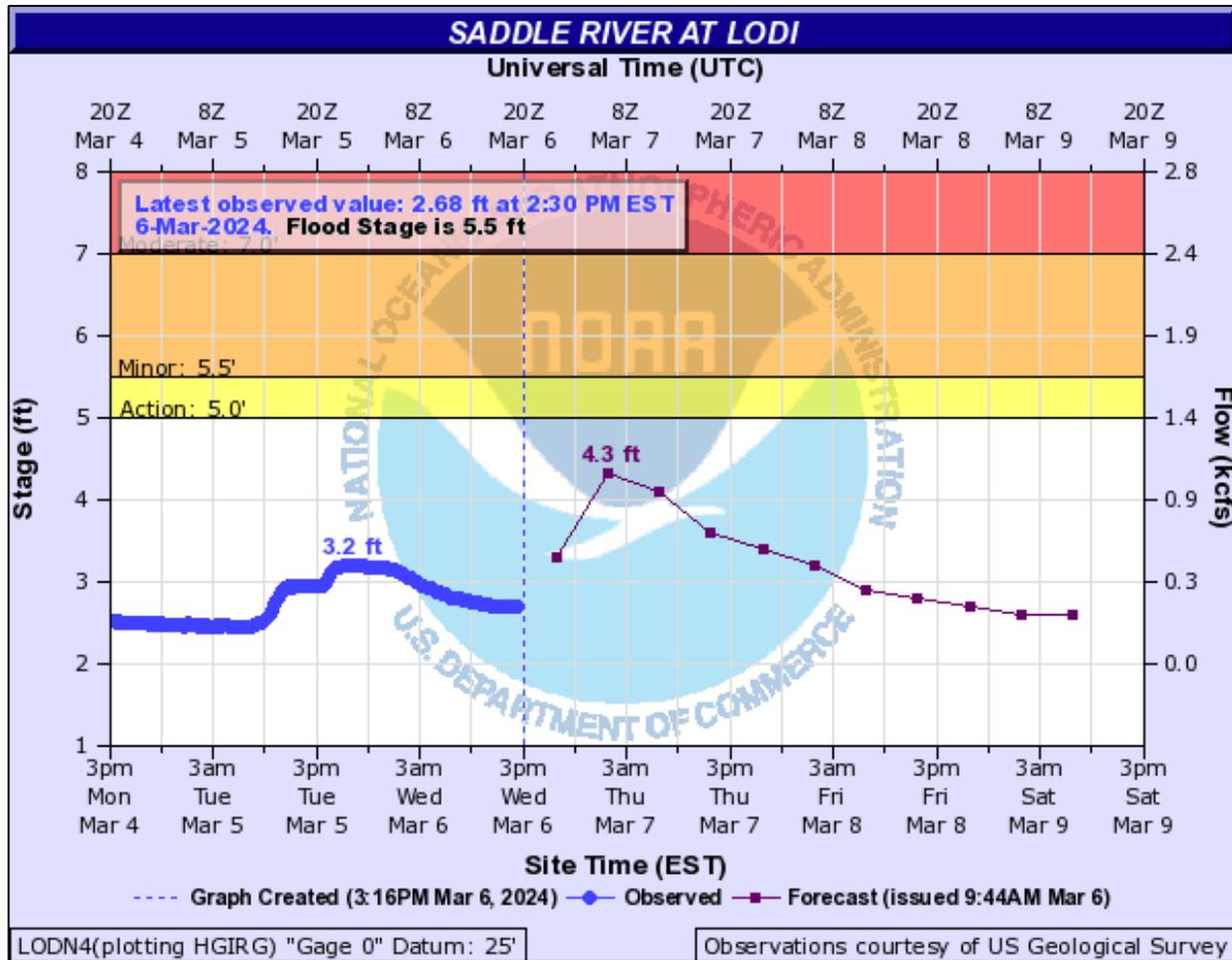
For more details...See here for the latest [river forecasts](#), impact catalogs, and [inundation maps](#).



Northeastern NJ River Flooding Potential

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Official RFC Forecast – Saddle River at Lodi NJ



Minor flooding likely along a few to 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 in 6-12 hr. (Probability: Moderate)

- Impacts: Minimal or no property damage, but possibly some public threat (e.g., inundation of roads)

Moderate flooding possible along a few quick responding small rivers and streams "IF" greater than 2 ½ to 3" of rainfall is realized in 6-12 hr, particularly the Saddle River (Probability: Low-Slight)

- **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.

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Lower Hudson Valley River Flooding Potential

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Minor flooding possible along a few quick responding small rivers and streams, including the Bronx River, Sprain Brook, Saw Mill River, and Hutchinson Rivers in Westchester County, if greater than 2” of rain is realized in 6-12 hr. (Probability: Moderate-Low)

- Impacts: Minimal or no property damage, but possibly some public threat (e.g., inundation of roads)

Moderate flooding possible along a few quick responding small rivers and streams if greater than 3” of rain is realized in 6-12 hr. (Probability: Low-Slight)

- **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.

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

