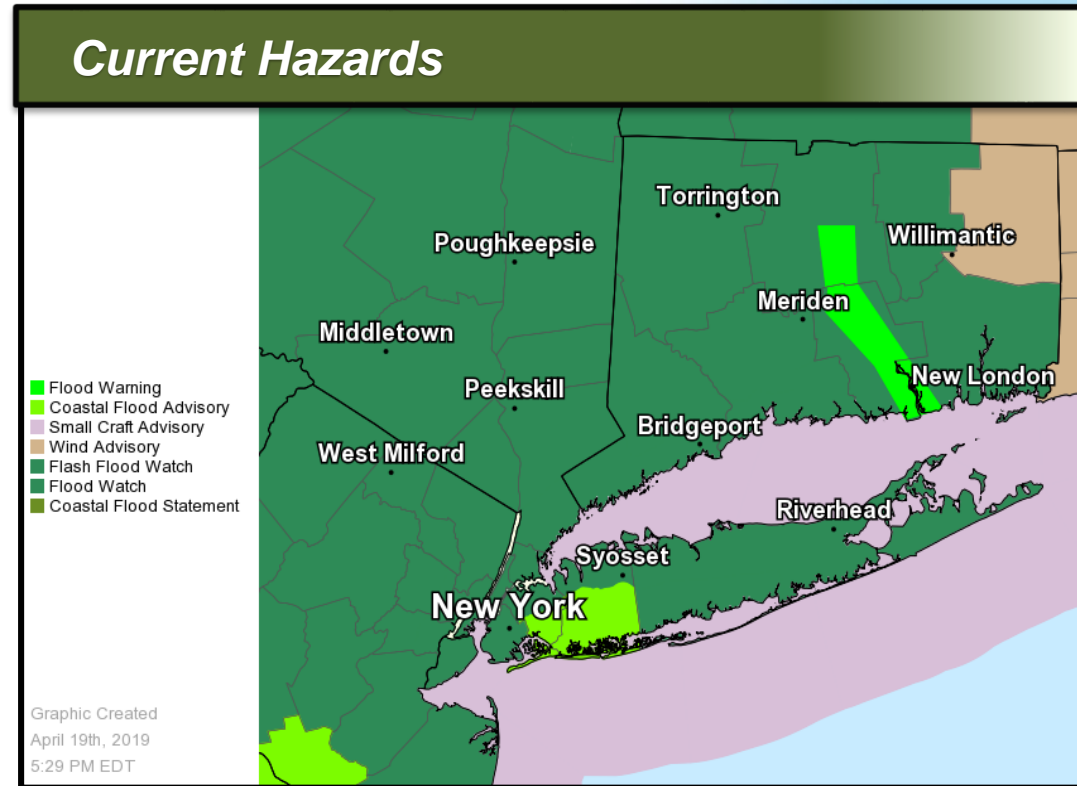


Heavy Rain and Minor Coastal Flooding




Decision Support Briefing #3
As of: 5:00 PM Apr 19, 2019

What Has Changed?

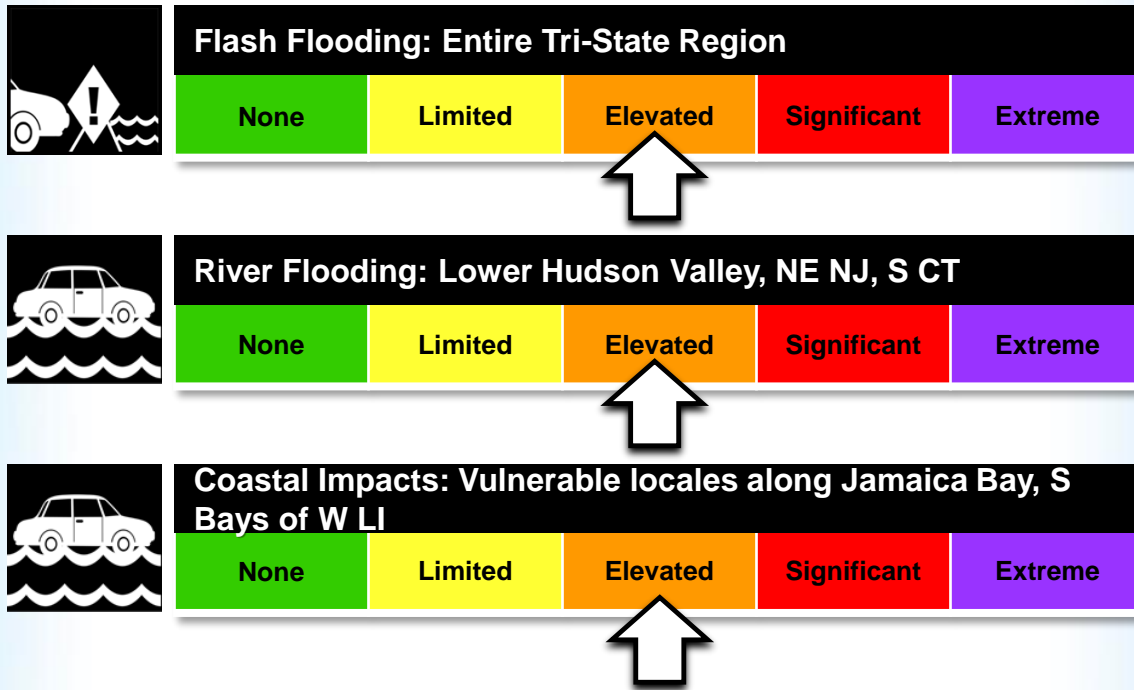
- ✓ Forecast Rain Amounts Increased by 1/4" to 1/2"
- ✓ Minor Coastal Flood Threat has Expanded



Main Points

Hazard	Impacts	Location	Timing
Flash Flooding 	<ul style="list-style-type: none"> • Around 1 to 1.5 inch, locally higher amounts. • Flash Flooding of Urban Areas, Low-lying Roads, and Small Rivers, Streams and Creeks. 	<p>Entire Tri-State Region</p>	<p>Overnight into Saturday Afternoon</p>
River Flooding 	<ul style="list-style-type: none"> • Rises on Large Stem Rivers with Minor Flooding continuing along the lower Connecticut River. 	<p>Lower Hudson Valley, Northeast NJ, and Southern CT</p>	<p>Through the Weekend</p>
Coastal Impacts 	<ul style="list-style-type: none"> • Minor coastal flooding. • Inundation up to 1 ft above ground in vulnerable areas. • Beach Flooding and Areas of Dune Erosion. 	<p>Vulnerable locales along South Shore Bays of Queens and Nassau as well as Atlantic Ocean beachfront</p>	<p>During the times of high tide Tonight</p>

Summary of Greatest Impacts



Flash Flood Watch Overnight into Sat Afternoon

Current Convective and Flood Watches

National Weather Service

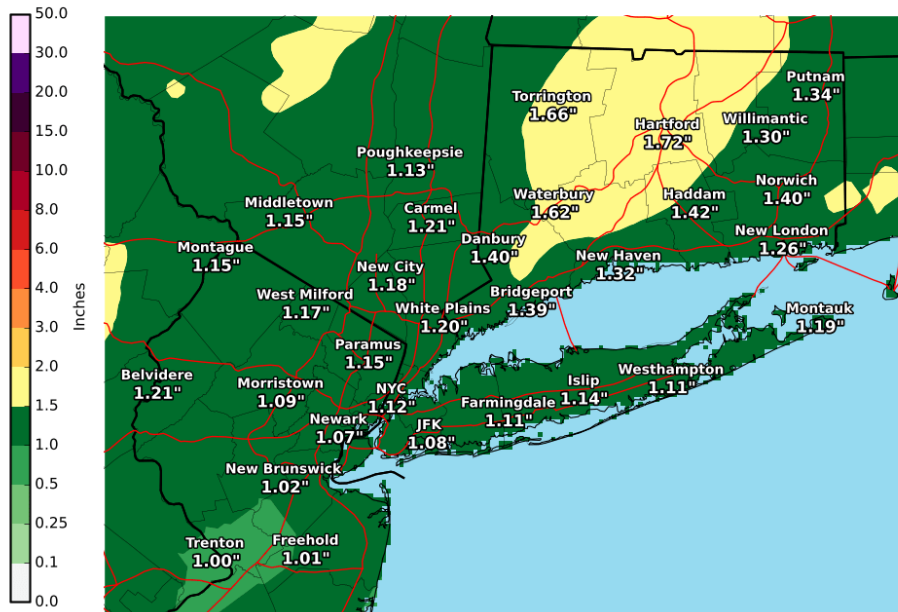
- Flash Flood Watch
- Flood Watch



Graphic Created
April 19th, 2019
4:29 PM CDT

Heavy Rain

Expected Rainfall/Liquid Equivalent - Official NWS Forecast
Valid: 04/19/2019 12:00 AM - 04/22/2019 12:00 PM EDT



National Weather Service
New York NY
04/19/2019 03:31 PM EDT

Follow Us:
weather.gov/nyc

Hazards:

- ✓ Rainfall of around 1 to 1.5 inch
- ✓ Locally higher amounts possible
- ✓ Rainfall rates of 1 to 1.5 inch/hr possible

Impacts:

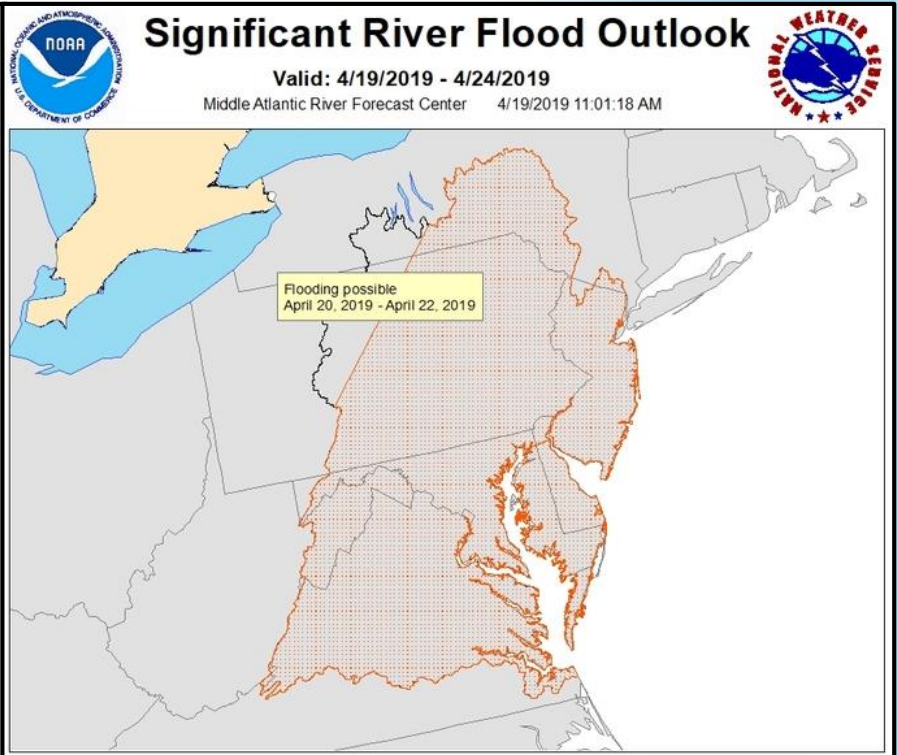
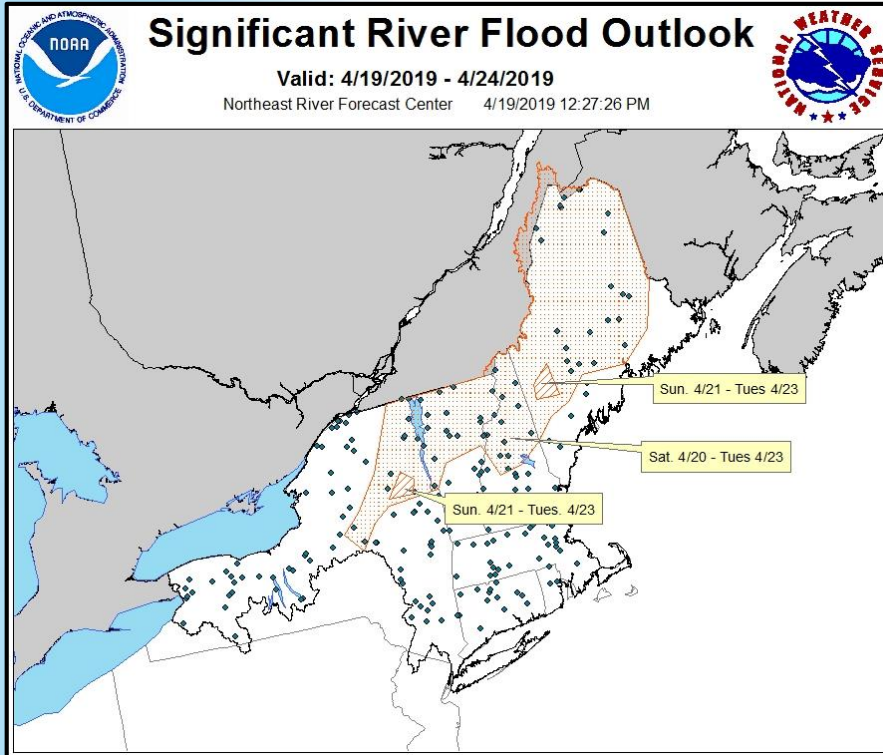
- ✓ Minor/Flash Flooding of Urban Areas, Low-lying Roads, and Small Rivers, Streams, and Creeks.
- ✓ Rises likely on Large Stem Rivers
- ✓ Minor Flooding on the lower Connecticut River continues through the weekend

Timing:

- ✓ Heaviest rain 2AM-10AM for Lower Hudson Valley, Northeast NJ, NYC and Nassau NY
- ✓ Heaviest rain 6AM-2PM for Suffolk NY and Southern CT

Uncertainty: Timing could vary by 1-2 hrs for the heaviest rain

River Flood Outlook



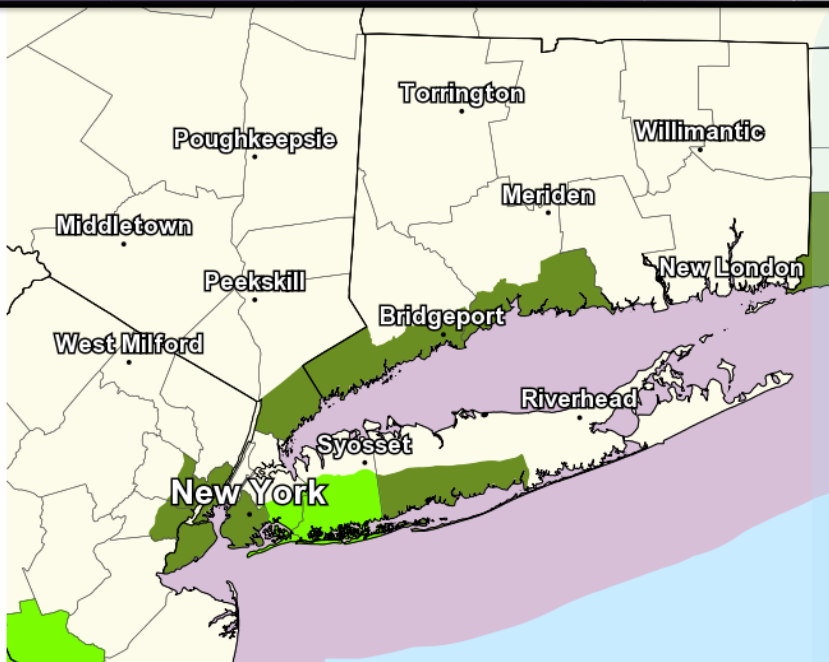
	SIGNIFICANT RIVER FLOODING POSSIBLE.		SIGNIFICANT RIVER FLOODING LIKELY.		SIGNIFICANT RIVER FLOODING OCCURRING OR IS IMMINENT.
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Significant River Flooding Impacts include:
Roads adversely affected. Residential, commercial, industrial, and/or agricultural areas affected. May require evacuation of people.

NOTE: Flash Flooding or Minor River Flooding will NOT be included in this outlook.

Coastal Flooding

Marine / Coastal Hazards



Coastal Flood Hazards and Impacts:

- ✓ Minor flooding during times of high tide Tonight
- ✓ Inundation of up to 1 ft above ground in vulnerable locales along Jamaica Bay and S Bays of Western LI

Shoreline Hazards and Impacts:

- ✓ 7 to 11' breaking waves along the oceanfront tonight into Saturday
- ✓ Beach Flooding and Areas of Dune Erosion along the Atlantic ocean beachfront
- ✓ Minor damage to dune structures

Uncertainty: Additional localized minor coastal flooding possible during the times of high tide through the weekend

Please go to the NWS New York, NY Coastal Flooding Page for the latest coastal flood forecast and the tools to visualize the coastal impacts.

<https://www.weather.gov/okx/coastalflood>

Event Summary

- ✓ Flash Flood Watch in Effect Overnight into Saturday Afternoon
- ✓ Flash Flooding of Urban Areas, Low-lying Roads, and Small Rivers, Streams and Creeks possible.
- ✓ Rises on Large Stem Rivers with Minor Flooding continuing along the lower Connecticut River through this weekend.
- ✓ Minor coastal impacts during the times of high tide tonight.

Contact and Next Briefing Information



Next Briefing
This is the final briefing.



Web:
<http://www.weather.gov/okx/>



Phone (public):
631-924-0517



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 4 AM Saturday (04/20/19).