

Strong Coastal Storm Tonight into Saturday Night

Decision Support Briefing

#3





As of: 515 PM Oct 26, 2018

What Has Changed?

- ✓ Flood Watch Issued for most of the region for late Tonight through Saturday afternoon.
- ✓ Wind headlines extended through Saturday afternoon.
- ✓ Coastal Flood Advisory for Great South Bay and Jamaica Bay Saturday Night .
- ✓ High Surf Advisory extended through Sunday morning.



Main Points

Hazard	Impacts	Location	Timing
Coastal Impacts 	<ul style="list-style-type: none"> Widespread moderate coastal flooding, with localized major. Inundation of 2 to 2 ½ ft, locally 3 ft, above ground in vulnerable areas. Areas of dune erosion with localized washovers at oceanfront. 	Vulnerable locales along NY/NJ Harbor, Jamaica Bay, S and E Bays of LI, and W LI Sound	Times of high tide Saturday morning into afternoon
Marine 	<ul style="list-style-type: none"> Wind gusts of 40 to 50 kt. Seas of 10 to 13 ft on the Ocean, and 4 to 8 ft on LI Sound. 	Nearshore Waters	Late tonight through Saturday
Strong Winds 	<ul style="list-style-type: none"> 25 to 35 mph with gusts to 40 to 50 mph, highest coast . 60 mph possible twin forks LI. Several downed trees and power lines 	NYC Metro, LI, Coastal CT and Westchester	Late tonight through Saturday Afternoon
Heavy Rain 	<ul style="list-style-type: none"> 1 to 2 inches, locally higher possible. Localized flash flooding of urban areas, low-lying roads and quick responding small rivers and streams 	Entire Tri-State Region	Late tonight through Saturday Afternoon

Summary of Greatest Impacts



Coastal Impacts: Vulnerable locales along NY/NJ Harbor, Jamaica Bay, S and E Bays of LI, and W/E LI Sound

None

Limited

Elevated

Significant

Extreme



Marine: All Nearshore Waters

None

Limited

Elevated

Significant

Extreme



Strong Winds: NYC Metro, LI, Coastal CT and Westchester

None

Limited

Elevated

Significant

Extreme



Heavy Rain: Entire Tri-State Region

None

Limited

Elevated

Significant

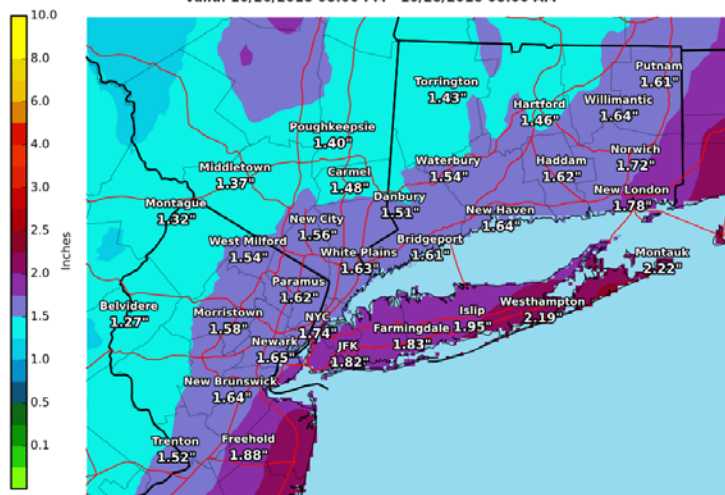
Extreme



Heavy Rain – Flash Flood Watch in Effect for Fri Night into Sat



Expected Rainfall/Liquid Equivalent - Official NWS Forecast
Valid: 10/26/2018 08:00 PM - 10/28/2018 08:00 AM



National Weather Service
New York, NY
10/26/2018 03:23 PM EDT

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weather.gov/nyc

Hazards:

- ✓ Rainfall of 1 to 2 inches across the region, locally higher amounts possible.
- ✓ Rainfall rates of 1/4 to 1/2"/hr

Impacts:

- ✓ Widespread minor flooding of urban areas and low-lying roads, with potential for flash flooding across the watch area
- ✓ Potential for localized flash flooding along quick responding small rivers, streams and creek flooding across Northeastern NJ and Lower Hudson Valley.

Timing:

- ✓ Heaviest rain from late tonight through Saturday afternoon

Uncertainty/Scenarios:

A swath of heavier rain of 2 to 4 inches is possible across Eastern LI and far Southeastern CT. Heavy rain during the times of high tide Saturday morning would result in more widespread flooding.



Strong/High Winds – High Wind Warning and Wind Advisories in effect for Fri Night into Sat

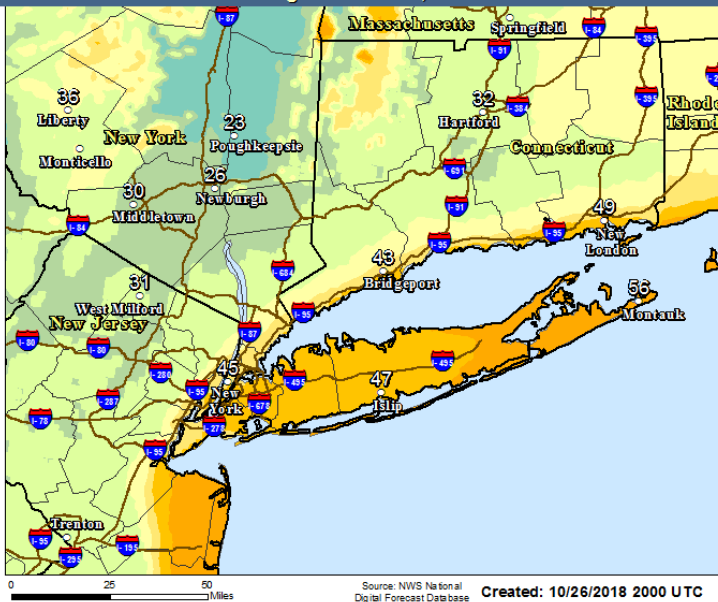
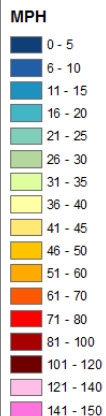
High Wind Warnings & Wind Advisories

Early Saturday Morning through Late Saturday Afternoon

Weather Forecast Office
New York, NY
Issued Oct 26, 2018 5:01 PM EDT



Maximum Wind Gust - Through October 28, 2018 8:00 PM ET



Hazards:

- ✓ Northeast winds of 25 to 35 mph with gusts 40 to 50 along the coast, including NYC. Gusts to 60 mph possible across the twin forks of LI.
- ✓ Northeast winds of 20 to 25 mph with gusts 35 to 40 mph across the interior.

Impacts:

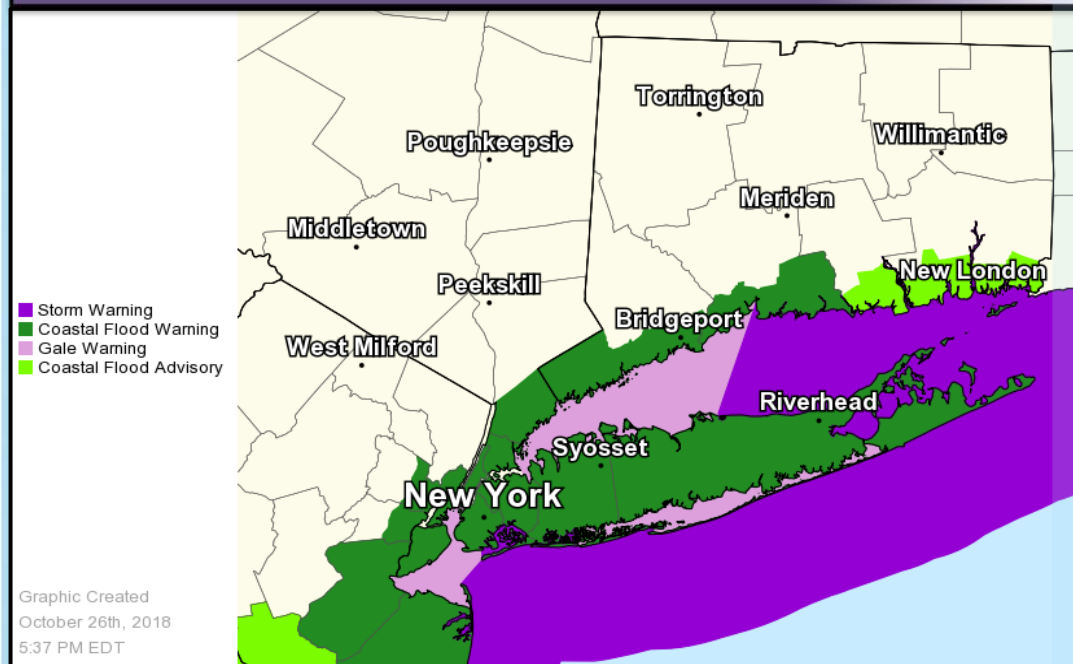
- ✓ Scattered downed trees and tree limbs
- ✓ Scattered power outages
- ✓ Dangerous travel conditions for high profile vehicles

Timing:

- ✓ Strongest winds from late tonight through Saturday afternoon

Coastal Flooding – Coastal Flood Warning and Storm Warnings in Effect for Fri Night into Sat

Marine / Coastal Hazards



Coastal Flood Hazards and Impacts:

- ✓ Widespread moderate coastal flooding (2 to 3 ft of inundation above ground) for vulnerable coastal locales along the southern and eastern bays of LI, NY/NJ Harbor and Western LI Sound.
- ✓ There is potential for localized major coastal impacts (3 to 3 1/2 ft of inundation above ground), particularly across the most vulnerable Great South Bay and Jamaica Bay locales.
- ✓ Inundation of waterfront roads, parking lots and properties, causing several road closures, damage to vehicles and potential flooding to vulnerable low-lying homes and business.

Shoreline Hazards and Impacts:

- ✓ 8-12' breaking waves along the oceanfront, 4 to 7' along the twin forks, 3-5' along LI sound shoreline.
- ✓ Widespread beach flooding and erosion.
- ✓ Areas of dune erosion with localized washovers.

Timing:

- ✓ During times of high tide Saturday morning into afternoon.

Please see our Coastal Flood page for more detailed information on the latest water level forecasts, potential impacts and inundation maps, as well as a tutorials.

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

Event Summary

- ✓ Widespread moderate coastal flood impacts (2 to 3 ft of inundation above ground) are expected across much of the coastline on Saturday. There is potential of localized major coastal impacts (3 to 3 ½ ft of inundation above ground) across the most vulnerable Great South Bay and Jamaica Bay locales.
- ✓ Gale and Storm conditions are expected on the nearshore waters late tonight through Saturday.
- ✓ Strong winds of 25 to 35 mph with gusts of 40 to 50 mph are likely late tonight through Saturday afternoon, highest along NYC and the coast. 60 mph gusts are possible over the Twin Forks of Long Island. Scattered downed trees, tree limbs and power lines are expected.
- ✓ Heavy rain of 1 to 2 inches is expected late tonight through Saturday afternoon, with locally 2 to 4 inches possible across Eastern Long Island and Southeastern Connecticut. This poses a potential for flash flooding across much of the area.

Contact and Next Briefing Information



Next Briefing

This is the final briefing.



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 4 AM Saturday (10/27/18).