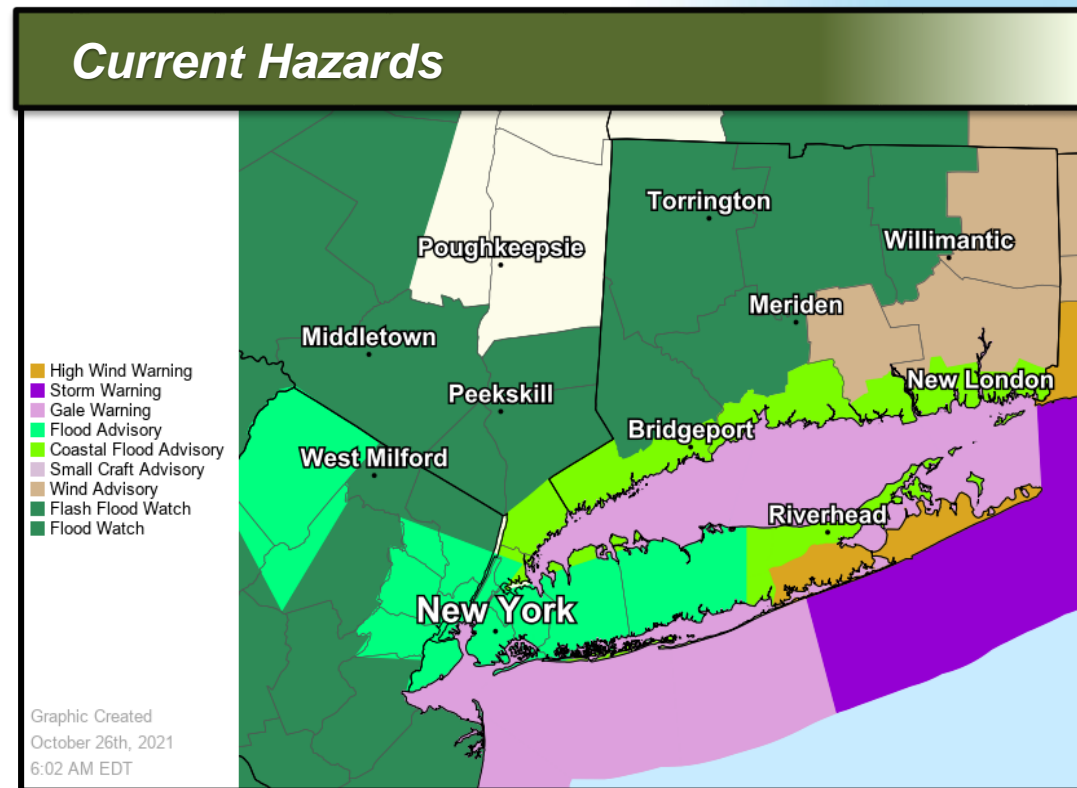






# October Nor'easter

## Decision Support Briefing #2 As of: 600 AM Oct 26, 2021

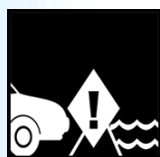
- Flash flood Watch continues through 6 PM this evening.
- Wind Advisory for E LI and SE CT and a High Wind Warning (SE Suffolk) in effect Tonight into Wed AM.
- Coastal Flood Advisory in effect for most coastal areas for Today's high tides.
- Gale and Storm warnings now in effect for all marine waters into Wednesday.



## Main Points

Hazard	Impacts	Location	Timing
<b>Flash Flooding</b> <b>2-5" Likely</b> <b>Locally</b> <b>5-6" Possible"</b> 	<ul style="list-style-type: none"> <li>Scattered Flash Flooding of Urban and poor drainage areas. <b>Locally severe flooding possible.</b></li> <li>Minor to moderate flooding along small rivers and streams.</li> <li>Significant Rises on Large Stem Rivers, with minor flooding possible</li> </ul>	<ul style="list-style-type: none"> <li>Entire Tri-State Region</li> <li>Highest rainfall amounts likely across western portions of the Tri-State</li> </ul>	Through this afternoon
<b>Strong Wind</b> <b>25-35G40-60mph</b> 	<ul style="list-style-type: none"> <li>Scattered Downed Trees and Power Lines.</li> <li>Power outages Possible</li> </ul>	<ul style="list-style-type: none"> <li>All coastal communities including NYC.</li> <li>Highest winds across E LI and SE CT.</li> </ul>	This Evening into Wednesday afternoon
<b>Coastal Impacts</b> <b>1 ft inundation AGL</b> <b>in vulnerable areas</b> 	<ul style="list-style-type: none"> <li>Minor to locally moderate coastal flooding.</li> <li>Areas of Dune Erosion and localized overwashes for ocean beachfront.</li> </ul>	<ul style="list-style-type: none"> <li>Highest threat for oceanfront and vulnerable locales along S and E Bays of LI, and W LI Sound</li> </ul>	During times of high tide Today. Lingering into Tonight and Wed high tides.
<b>Marine</b> <b>Gale to Storm</b> <b>Conditions</b> 	<ul style="list-style-type: none"> <li>Wind gusts of 35-50 KT.</li> <li>Seas of 9-16 ft on the Ocean.</li> <li>Seas of 3-6 ft on LI Sound.</li> </ul>	All Nearshore Waters	Today into Wednesday PM

# Summary of Greatest Impacts



## Flash Flooding: Entire Tri-State Region

None

Limited

Elevated

Significant

Extreme



## Strong Winds: Coastal Communities including NYC

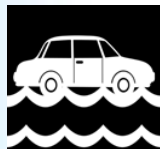
None

Limited

Elevated

Significant

Extreme



## Coastal Impacts: Highest threat for vulnerable locales along S and E Bays of LI and W LI Sound

None

Limited

Elevated

Significant

Extreme



## Marine: Nearshore Waters

None

Limited

Elevated

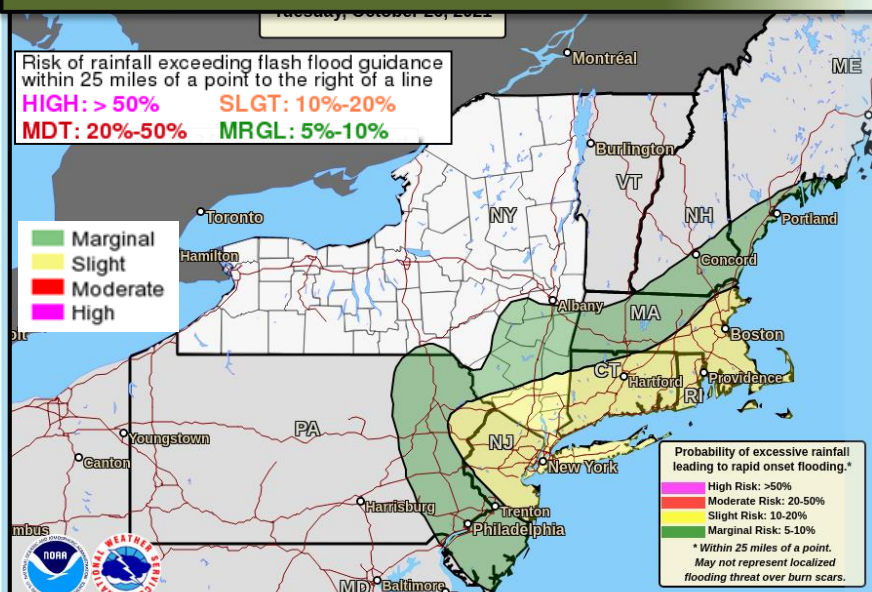
Significant

Extreme



# Heavy Rain and Flash Flood Potential

## Excessive Rainfall Outlook for Today and Tonight



## 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
	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. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
Flash flooding near me?	Flash Flooding	Flash Flooding	Flash Flooding	Flash Flooding
NO Flash Flooding				

## Hazards:

### ✓ Storm Total Rainfall:

- ✓ 3 to 5", locally 5 to 6" for NYC/NE NJ, Lower Hud, SW CT, and W LI
- ✓ 2 to 4", locally 4 to 5" for E LI and SE CT

### ✓ Rainfall Rates: (Mainly NYC/NE NJ, Lower Hud, SW CT, and W LI)

- ✓ Moderate to High potential for 1"/hr through the morning
- ✓ Low potential for 2"/hr

## Impacts:

- ✓ Scattered flash flooding of Urban Areas, Low-lying Roads, and Small Streams and Creeks. **Locally moderate flooding possible.**
- ✓ Minor to moderate flooding likely along several quick responding small rivers and streams of NE NJ, Lower Hudson Valley and SW CT.
- ✓ Significant Rises along large stem rivers with minor flooding possible.

## Timing:

- ✓ Heaviest and steadiest rain through 4pm. Embedded thunderstorms possible in AM. Light to moderate rain bands this eve into Tonight, before ending.

## Uncertainty:

- ✓ The exact location and movement of a slow moving band of heavy rain with embedded thunderstorms through this afternoon will determine whether and where a swath of 5 to 6 inches of rainfall falls. 1"/hr rainfall rates are likely in this band, with potential for as much as 2"/hr rainfall rates. Outside of this band, rainfall rates will generally run 1/4" to 1/2"/hr.



# Flash Flood Potential



## Current Convective and Flood Watches

- Flash Flood Watch
- Flood Watch



Graphic Created  
October 26th, 2021  
5:02 AM CDT

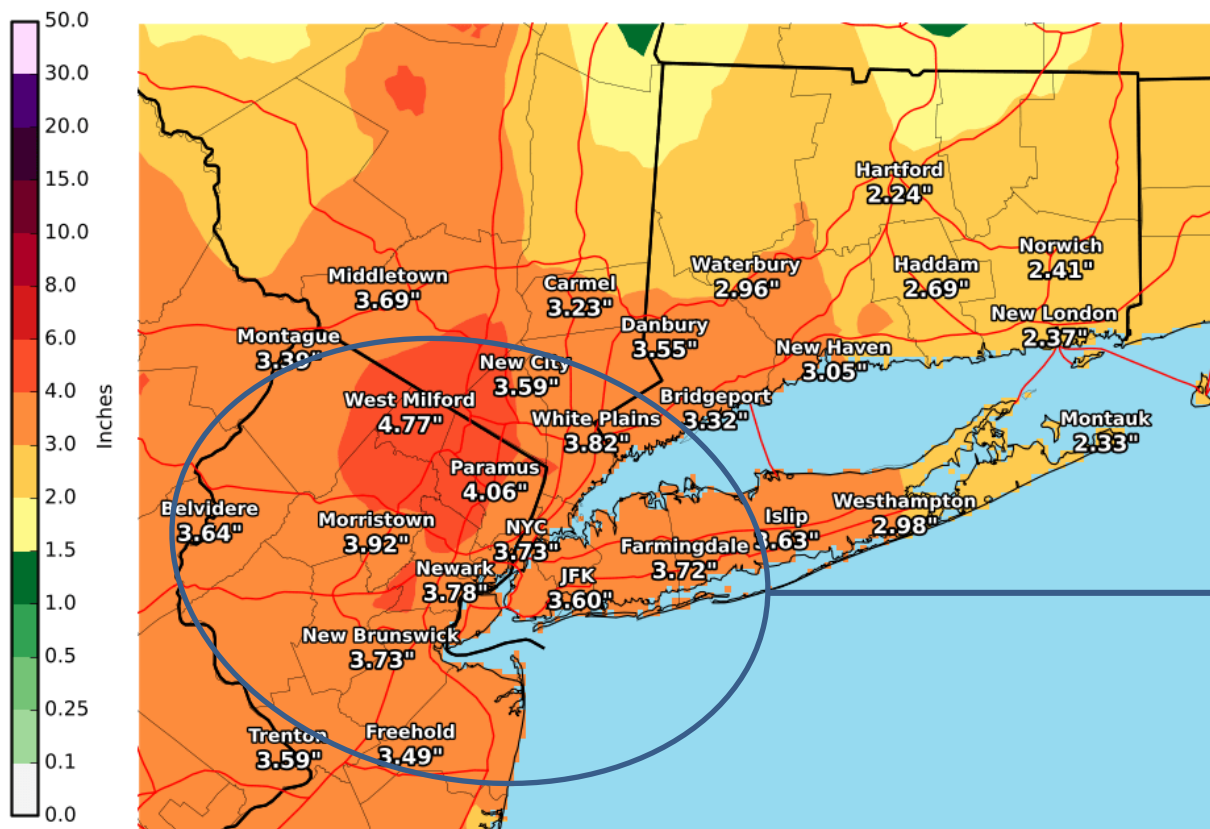
**Flash Flood Watch until 6 pm This Evening**



## Official Rainfall Forecast

### Expected Rainfall/Liquid Equivalent - Official NWS Forecast

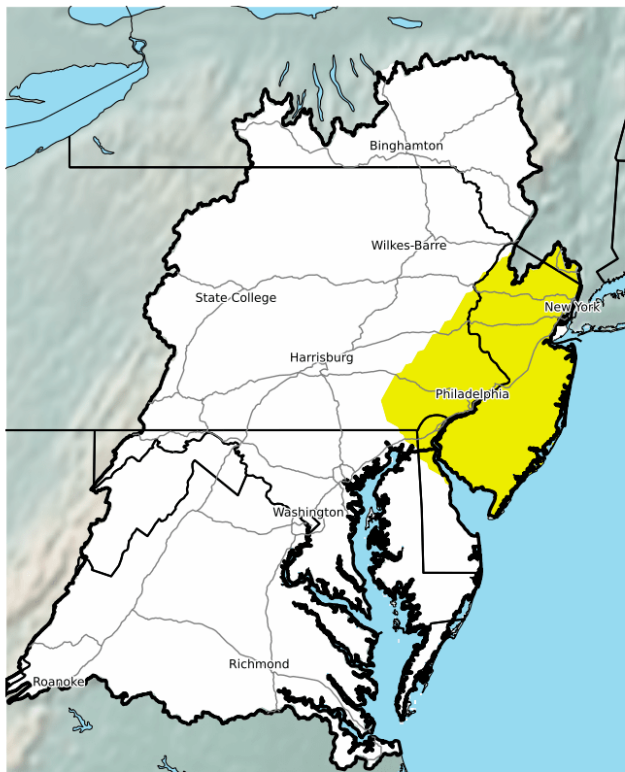
Valid: 10/26/2021 03:00 AM - 10/29/2021 03:00 PM EDT



Highest threat for locally 5 to 6" of rainfall, and locally more severe flash flood impacts.

## 5-Day Significant River Flood Outlook

Valid: 10/25/2021 08:00 AM - 10/30/2021 08:00 AM EDT







**National Weather Service**  
**Middle Atlantic RFC**  
10/25/2021 11:57 AM EDT

**Follow Us:**     
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.

Shaded areas are the forecast region of the Mid-Atlantic River Forecast Center

	<b>Significant River Flooding Not Expected</b>		<b>Significant River Flooding Possible</b> Weather conditions indicate, without certainty that significant river flooding could occur
	<b>Significant River Flooding Likely</b> Weather conditions indicate that significant river flood conditions can be expected		<b>Significant River Flooding Occurring</b> Significant river flooding is occurring at this time

## River Forecasts

Several small rivers and streams in NE NJ, Lower Hudson valley, southwestern CT, and the Bronx are expected to reach minor to moderate flood stage in the next 24 hours.

Larger main stem rivers will see significant rises over the next 48 hrs, with minor flood stage possible to be reached.

Latest river forecasts can be found [here](https://www.weather.gov/marfc).

You can also refer to the Mid- Atlantic or Northeast River Forecast Center for the latest information on river forecasts:

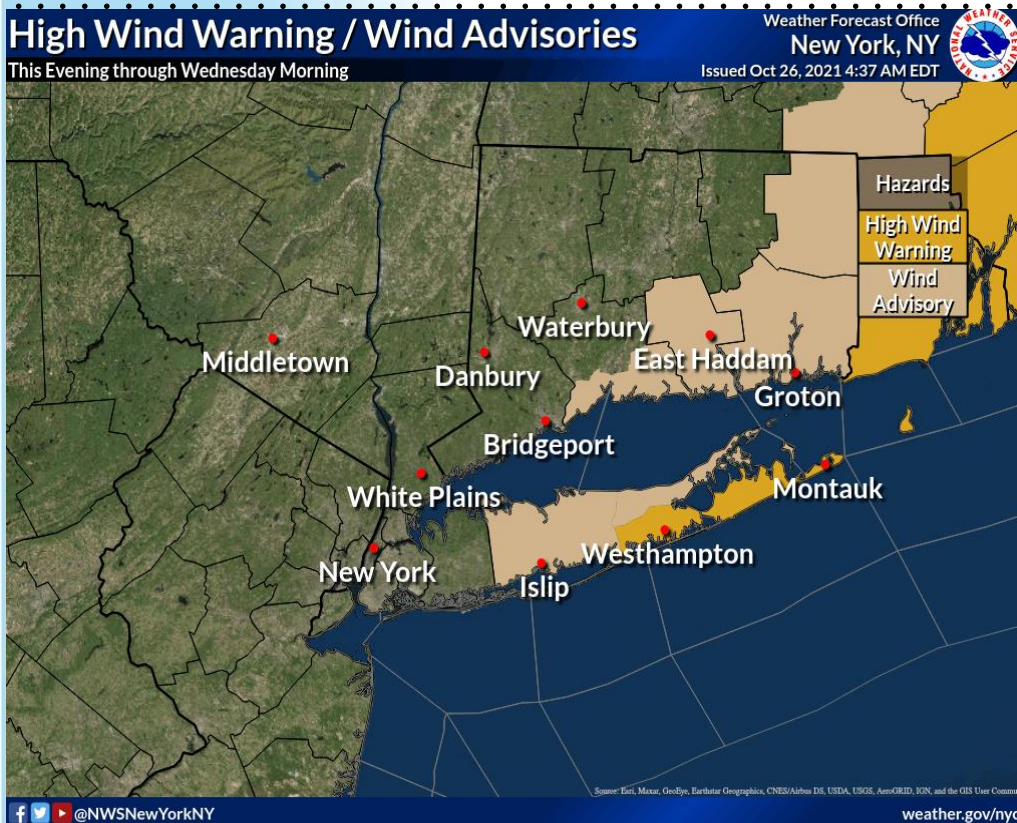
<https://www.weather.gov/marfc>

<https://www.weather.gov/nerfc/>





# Strong Winds



## Hazards:

- ✓ **Coastal Areas including NYC** - Northeast to North winds of 25 to 35 mph with gusts 40 to 60 mph Today into Wednesday.
  - ✓ **Highest winds (locally damaging wind gusts) across E LI and SE CT Tonight into Wed afternoon.**
- ✓ **Interior-** Northeast to North winds of 20 to 25 mph with gusts 30 to 40 mph Today into Wednesday.

## Impacts:

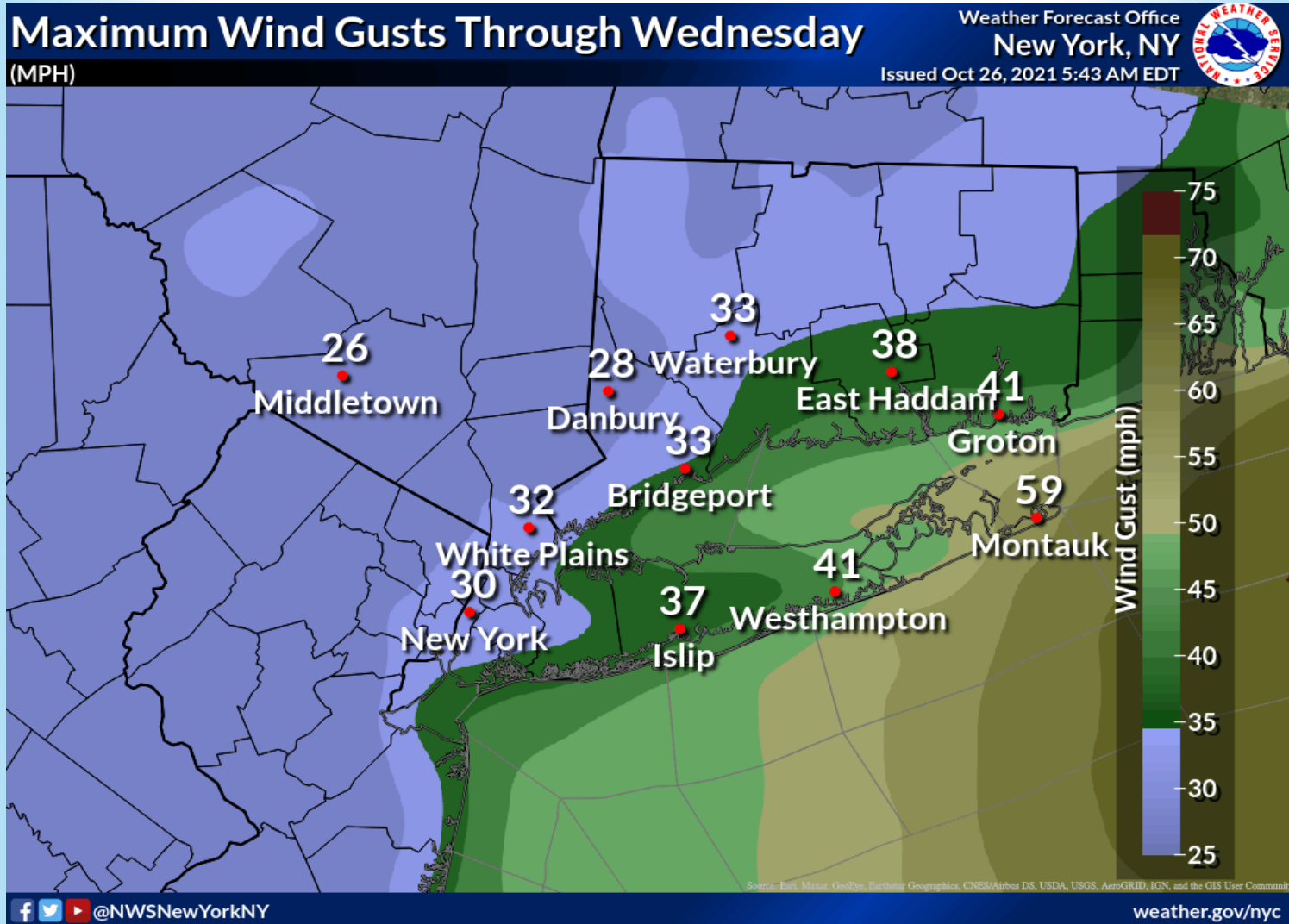
- ✓ Scattered downed trees and tree limbs, with power outage possible.
- ✓ Dangerous travel conditions for high profile vehicles
- ✓ Possible uprooted trees due to high winds and a wet saturated ground

## Timing:

- ✓ Strong Northeast winds through this afternoon.
- ✓ Strong Northerly winds Tonight into Wednesday afternoon

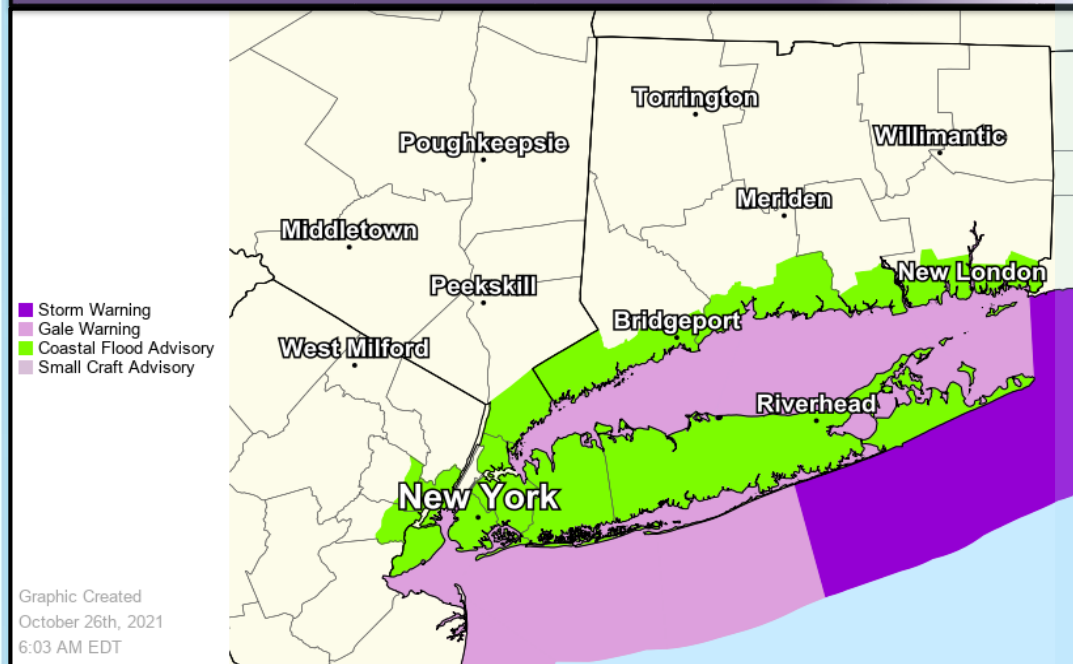


# Strong/Damaging Winds



# Coastal Flooding

## Marine / Coastal Hazards



### Coastal Flood Hazards and Impacts:

- ✓ Minor to locally Moderate coastal flooding.
  - ✓ Inundation of 1 to 1 1/2 ft, locally 2 ft above ground, particularly in vulnerable locales along Western LI Sound, and Peconic Bay.
- ✓ Several waterfront road closures possible
- ✓ During times of high tide this afternoon.

### Shoreline Hazards and Impacts:

- ✓ 8-12' breaking waves along the oceanfront Today into Tonight.
- ✓ 3 to 6' along the northern twin forks, 3 to 5' along Western LI sound shoreline Today.
- ✓ Areas of dune erosion with localized overwashes for oceanfront during time of high tide Today and this Evening.

### Marine Hazards and Impacts:

- ✓ Gale conditions on all waters, and storm conditions for water east of Moriches Inlet Today through Wednesday.
- ✓ Seas of 10 to 15 ft on the ocean, 3 to 6 ft on LI Sound Today into Tonight.

### Outlook:

- ✓ Another round of minor coastal flooding possible Wednesday afternoon, particularly bay and north facing shorelines.

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 for entire area Today.
  - ✓ 2 to 5", with locally 5 to 6" of rain for portions of the region.
  - ✓ Locally moderate urban and poor drainage flash flooding possible.
  - ✓ Minor to moderate small river and stream flooding likely.
- ✓ Strong winds across coastal portions of the region Today into Wednesday.
- ✓ Minor coastal flooding, with a few pockets of Moderate coastal flooding possible during times of high tide Today.
- ✓ Gale to Storm conditions on the nearshore waters Today into Wednesday



# Contact and Next Briefing Information



## Next Briefing

**When:** *This is the FINAL briefing*

**Method:** N/A



**Web:**

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



**Facebook:**

<http://www.facebook.com/NWSNewYorkNY>



**Twitter:**

<http://www.twitter.com/NWSNewYorkNY>



**YouTube:**

<https://www.youtube.com/user/NWSNewYorkNY>

**Disclaimer:** *The information contained within this briefing is time-sensitive, do not use after 6 PM Today (10/26/21).*

