

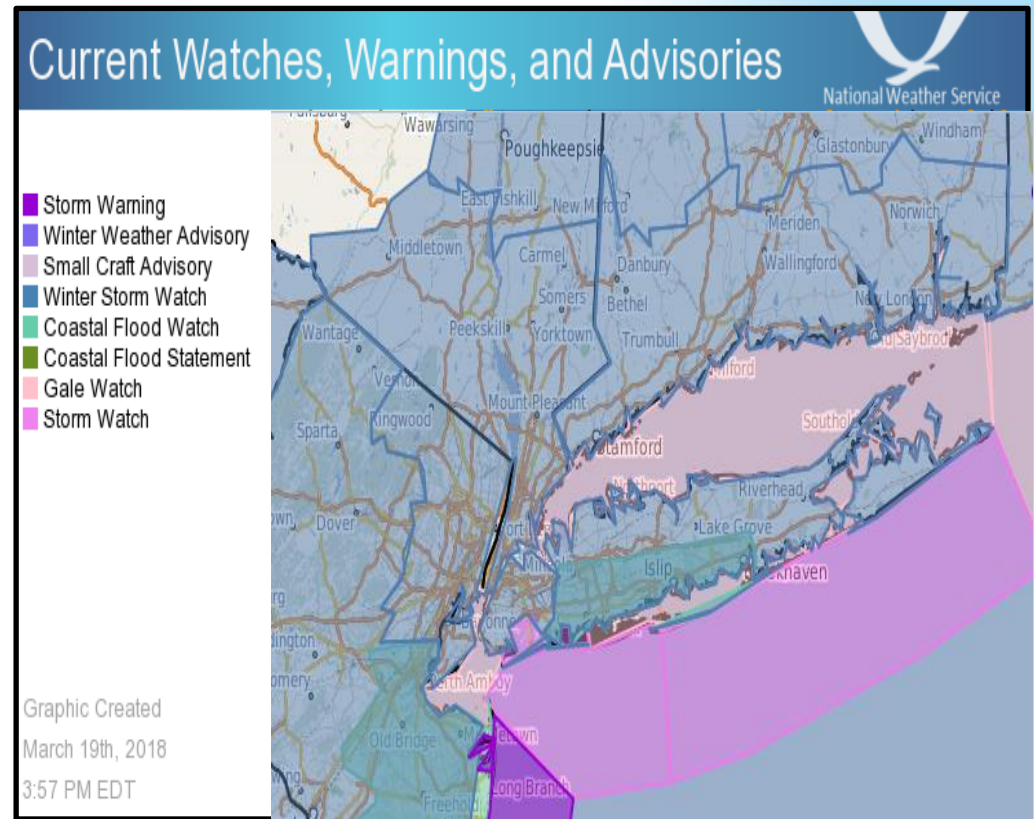
# Winter Storm Watch

## Decision Support Briefing #1 As of: 5:00 PM Mar 19, 2018







### What Has Changed?

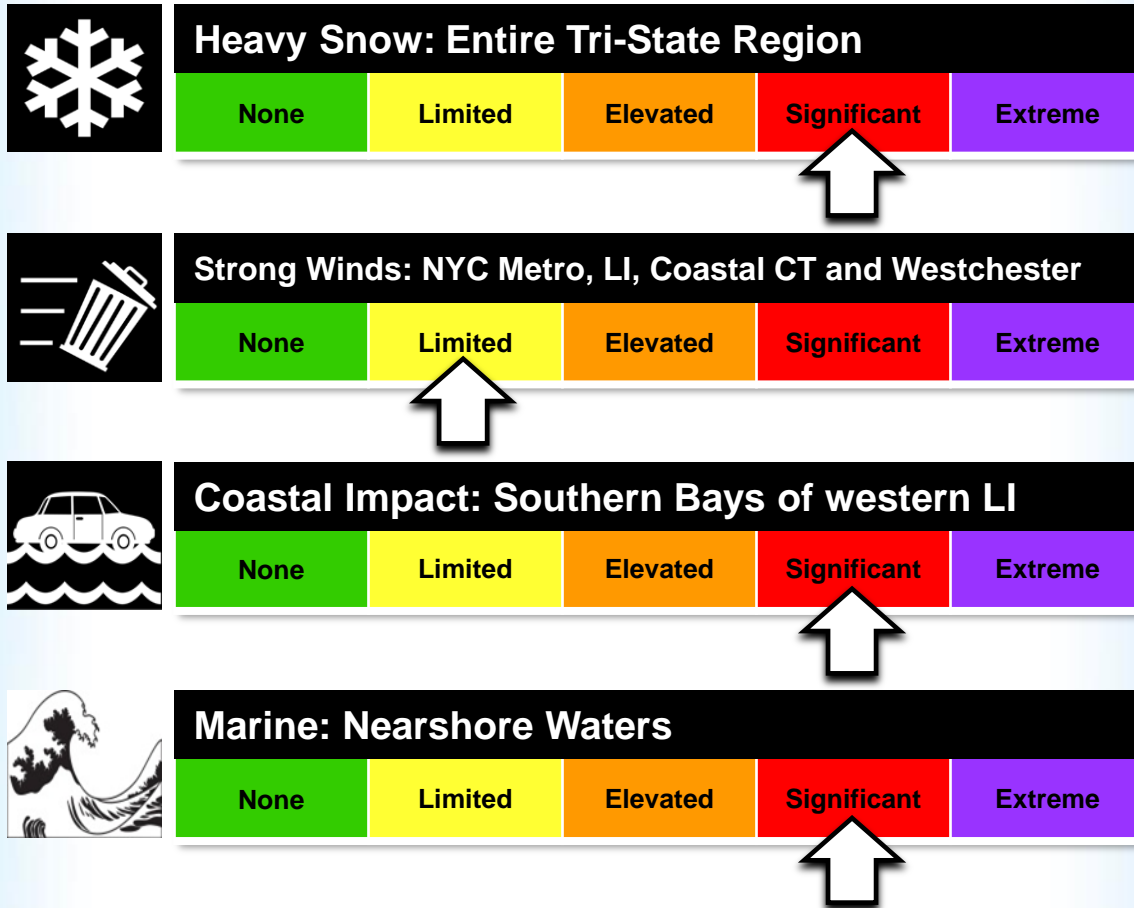
- ✓ *Winter Storm Watch Issued for the Entire Tri-state Area*
- ✓ *Storm Watch and Gale Watch in effect for the Near Shore Waters*



# Main Points

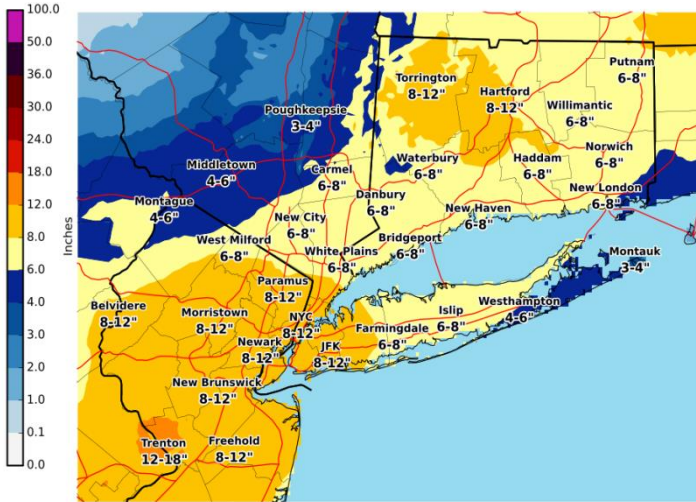
Hazard	Impacts	Location	Timing
<b>Heavy Snow</b> 	<ul style="list-style-type: none"> <li>• Snowfall of 5-11" possible for NYC, NE NJ and Lower Hudson Valley</li> <li>• 4-9" for LI and S CT.</li> <li>• Snowfall rates of 1-2"/hr possible Wed afternoon.</li> <li>• Visibilities of 1/4 miles or less..</li> </ul>	<b>Entire Tri-State Region</b>	<b>Wednesday into Wednesday night</b>
<b>Strong Winds</b> 	<ul style="list-style-type: none"> <li>• 20 to 30 MPH with gusts to 40 mph.</li> <li>• Scattered Power Outages.</li> <li>• Scattered downed trees and power lines.</li> </ul>	<b>NYC Metro, LI, Coastal CT and Westchester</b>	<b>Tuesday night - Wednesday night</b>
<b>Coastal Impacts</b> 	<ul style="list-style-type: none"> <li>• Moderate coastal flooding.</li> <li>• Inundation of 2 to 3 ft above ground in vulnerable areas.</li> <li>• Localized dune erosion.</li> </ul>	<b>Southern bays of western LI</b>	<b>During times of high tide Wednesday</b>
<b>Marine</b> 	<ul style="list-style-type: none"> <li>• Wind gusts up to 50 KT on the ocean.</li> <li>• 30 to 40 KT on all other waters.</li> <li>• Seas of 12-17 ft on the Ocean and 3-6 ft on LI Sound.</li> </ul>	<b>Nearshore Waters</b>	<b>Late Tuesday through Wednesday night</b>

# Summary of Greatest Impacts



# Heavy Snow

Expected Snowfall - Official NWS Forecast  
Valid: 03/20/2018 08:00 AM - 03/22/2018 08:00 AM EDT



## Hazards:

- ✓ 5-11" for NYC, NE NJ, & Lower Hud
- ✓ 4-9" for LI and S CT.
  - ✓ Snowfall rates of 1-2"/hr Wed Afternoon.
  - ✓ Vsby 1/4 mile or less at times.

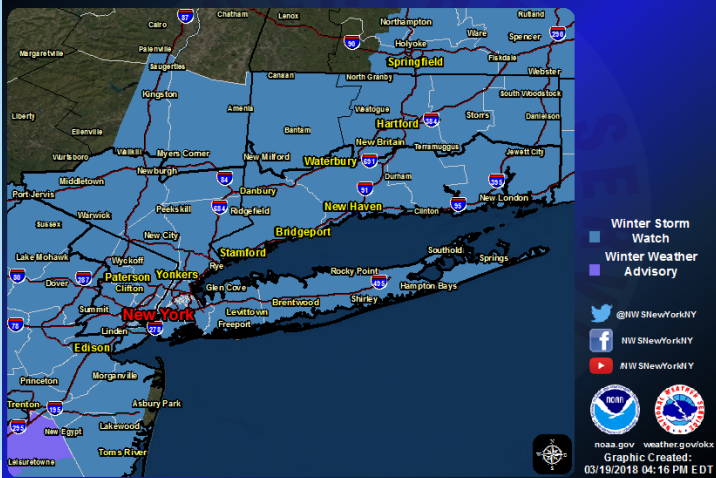
## Impacts:

- ✓ Scattered downed trees, tree limbs and powerlines.
- ✓ Difficult/Impossible travel.

## Timing:

- ✓ Heaviest snow Wed afternoon.

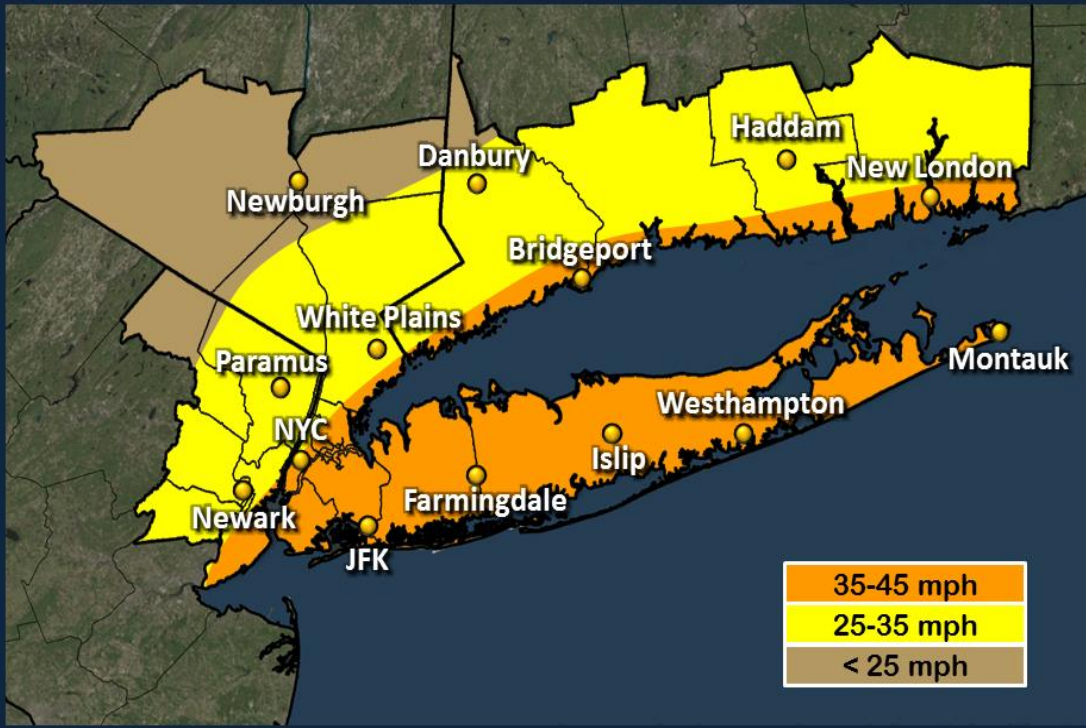
National Weather Service New York, NY  
Active Winter Weather Hazards



# Strong Winds

## Potential Wind Gusts

Wednesday



### Hazards:

- ✓ NE winds of to 20-30 mph with gusts.
  - ✓ 30 to 40 mph, across NYC Metro, LI, Coastal CT and Westchester.

### Impacts:

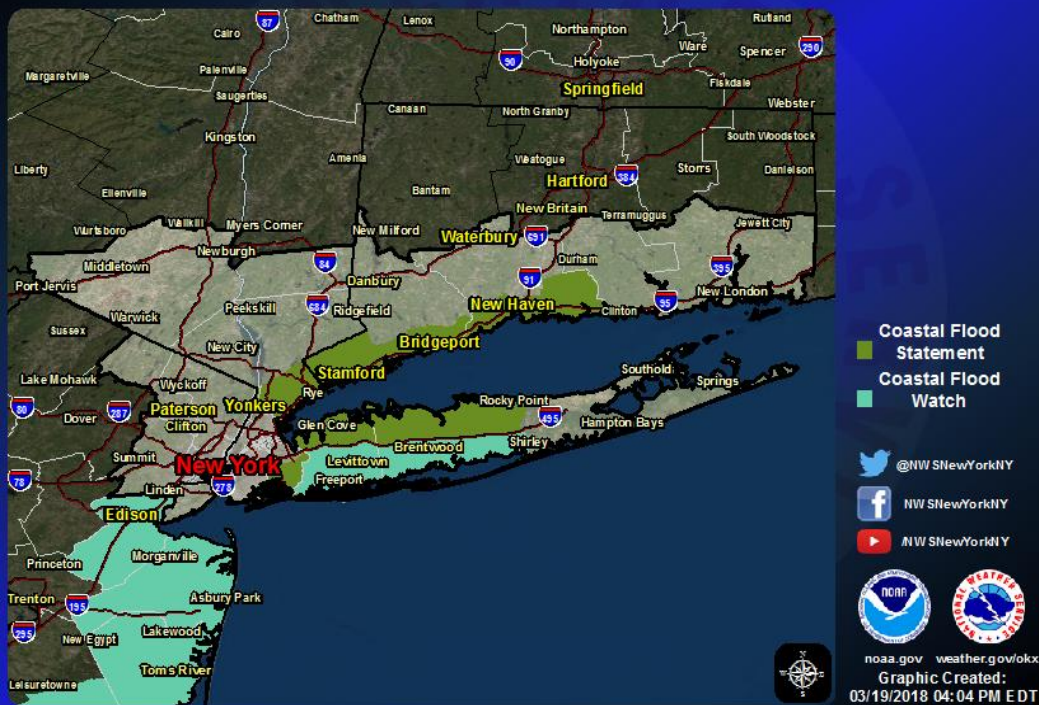
- ✓ Scattered downed trees and tree limbs.
- ✓ Scattered power outages.

### Timing:

- ✓ Strongest winds from Tue night through Wed night.

# Coastal Flooding

National Weather Service New York, NY  
Active Coastal Weather Hazards



## Coastal Flood Hazards and Impacts:

- ✓ Minor to Moderate coastal flooding.
- ✓ Inundation of 1 to 2 ft above ground in vulnerable areas.
  - ✓ 2-3 ft above ground for south shore of western Long Island.

## Shoreline Hazard and Impacts:

- ✓ Localized dune erosion.

## Timing:

- ✓ During times of high tide around mid-day Wednesday.

# Forecast Uncertainty or Scenarios

- ✓ There are still uncertainties with the exact track and strength of the storm.
  - ✓ A track farther to the north and west could result in more rain and sleet over LI and coastal CT and heavier snow totals elsewhere.
  - ✓ A track farther to the south and east could reduce accumulations from NYC on N and W and increase accumulations for LI and S CT.

# Event Summary

- ✓ 2 rounds of precipitation.
  - ✓ A light wintry mix Tue.-Tue. night mainly impacting S portion of the Tri-State.
  - ✓ Snow likely becoming heavy Wed. afternoon, with significant impacts to the Wed. afternoon rush hour probable.
- ✓ Heavy, wet snow and gusty winds could cause power outages.
- ✓ Minor to moderate coastal impacts with Wed. high tide.



## Contact and Next Briefing Information



**Next Briefing**  
**When:** *Around 6:00 AM Tomorrow*  
*(Tue)*  
**Method:** *Email*



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



**Phone (public):**  
631-924-0517



**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 4 AM Tuesday (03/20/18).*