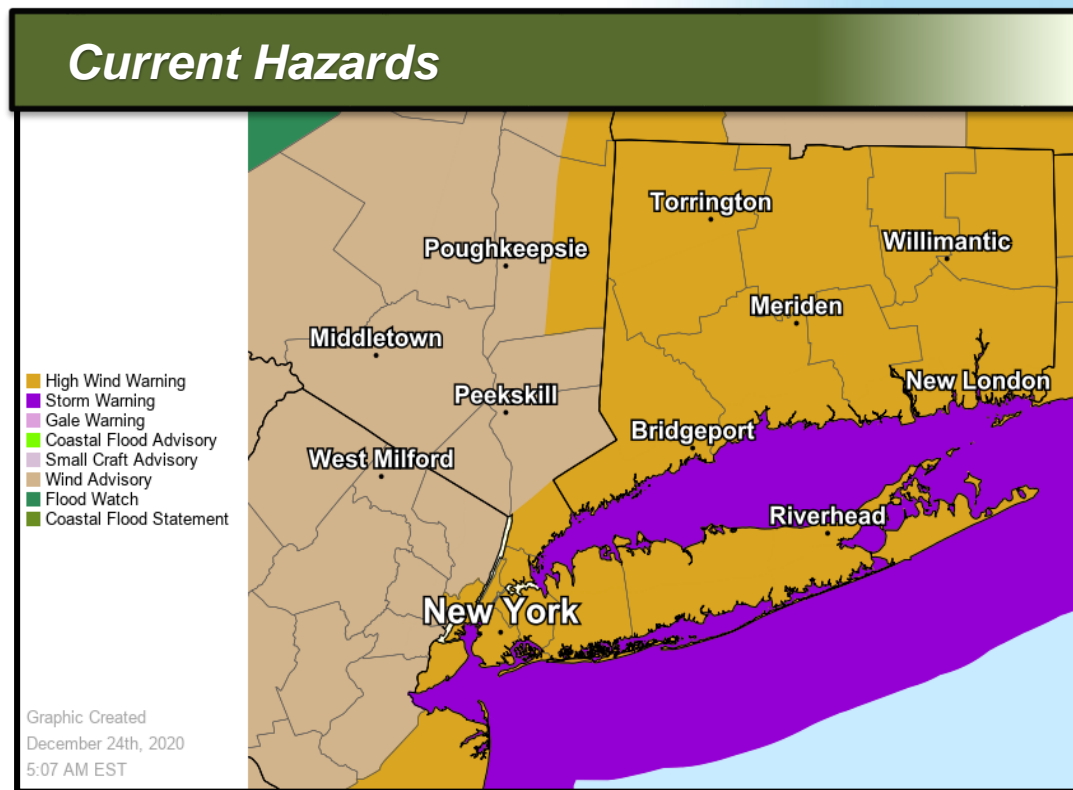


Strong Winds and Heavy Rain Expected This Evening into Friday Morning


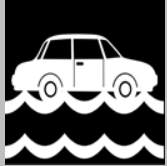


Decision Support Briefing #2 As of: 6:45 AM Dec 24, 2020

What Has Changed?

- Expanded High Wind Warning to include Northern Fairfield CT and Northern New Haven CT.
- Coastal Flood Advisory issued for Southern Nassau NY, 2AM to 7AM Friday.
- Coastal Flood Statement issued for Brooklyn NY, Southern Queens NY, 2AM to 7AM Friday.
- Coastal Flood Statement issued for SW Suffolk NY, Eastern Suffolk NY, 4AM to 9AM Friday.
- Coastal Flood Statement issued for Southern Fairfield CT, Southern New Haven CT, Southern Westchester NY, 5AM to 10AM Friday.



Main Points

Hazard	Impacts	Location	Timing
Damaging Winds 	<ul style="list-style-type: none"> • Damage to trees, power lines, and property. • Cross-winds will make driving difficult, esp. for high-profile vehicles. 	<ul style="list-style-type: none"> • Entire Tri-State Area. • Strongest winds in NYC, LI, Southern CT, Hudson NJ and S. Westchester NY Counties. 	This evening into Friday Morning
Flooding 	<ul style="list-style-type: none"> • Urban and poor drainage flooding possible. • Flooding along rivers and streams possible. 	<ul style="list-style-type: none"> • NYC, Northeast New Jersey, Lower Hudson Valley and Southern Connecticut. 	Late this evening into Friday Morning
Marine 	<ul style="list-style-type: none"> • Storm Conditions on coastal waters. • Ocean – 15 to 20 ft seas. • LI Sound – 5 to 10 ft seas. 	<ul style="list-style-type: none"> • All coastal waters. 	This evening into Friday Morning
Coastal Impacts 	<ul style="list-style-type: none"> • Minor coastal flooding possible. • Inundation of ½ to 1 ½ ft above ground possible. 	<ul style="list-style-type: none"> • Ocean shorelines, CT coastline, S. Westchester NY coastline, Eastern Suffolk NY coastline. 	Late Tonight into Friday Morning

Summary of Greatest Impacts



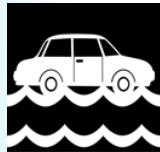
Damaging Winds:



Flooding:



Marine:

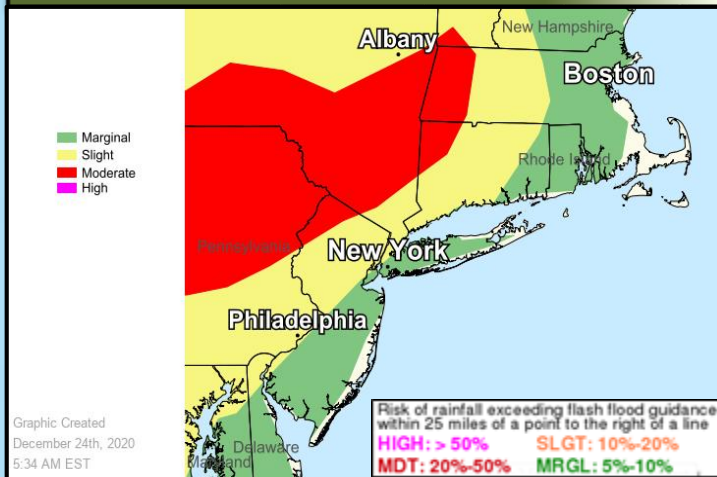


Coastal Impacts:



Heavy Rain

Day 1 - Excessive Rainfall Outlook



Day 2 - Excessive Rainfall Outlook



Hazards:

- ✓ Rainfall of 2 to 4 inches.

Impacts:

- ✓ Minor Flooding of Urban Areas, Low-lying Roads, and Small Streams and Creeks Possible.
- ✓ Minor flooding possible on Large Stem Rivers.

Timing:

- ✓ Heaviest rain from approximately 11pm tonight through 11am Friday.

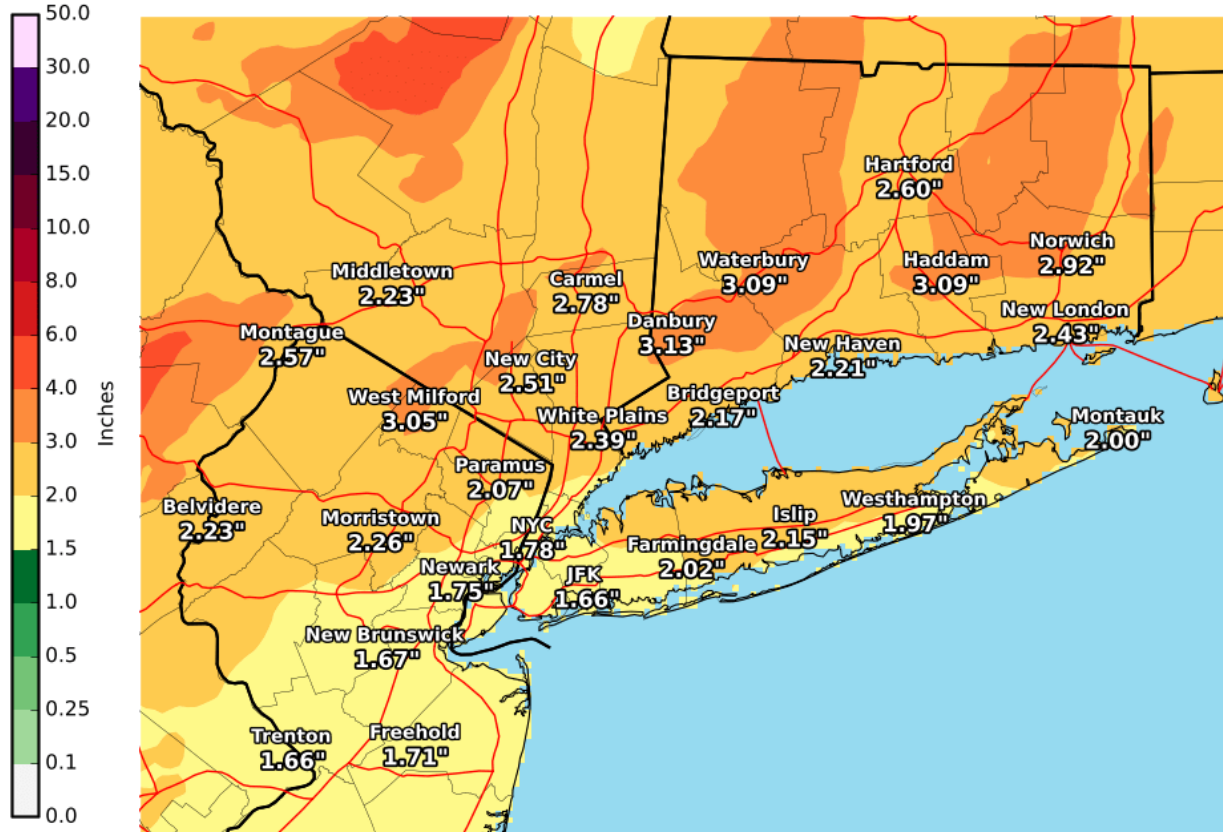
Forecast Challenges:

- ✓ Area of highest rainfall may shift with future updates.
- ✓ Timing of heaviest rainfall and potential impacts could be delayed by a few hours than currently forecast.

Official Rainfall Forecast

Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Valid: 12/24/2020 04:00 AM - 12/27/2020 04:00 PM EST



National Weather Service
New York NY
12/24/2020 04:53 AM EST

Follow Us:
weather.gov/nyc

Heavy Rain



Current Convective and Flood Watches

Flood Watch



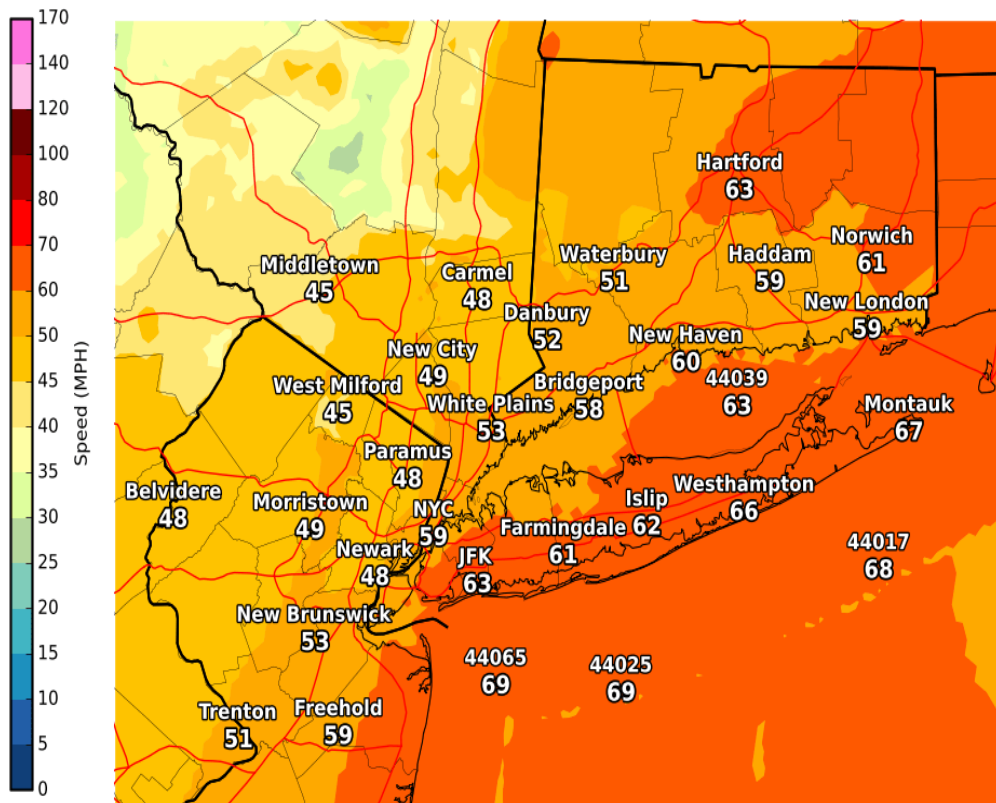
Graphic Created
December 24th, 2020
4:08 AM CST

Flood Watch... from 11PM tonight until 11AM Friday

Strong/Damaging Winds

Maximum Wind Gusts

Valid: 12/24/2020 08:00 PM - 12/25/2020 10:00 AM EST



Hazards:

- ✓ South winds of 25 to 40 mph with gusts 60 to 65 mph. Highest east of NYC.

Impacts:

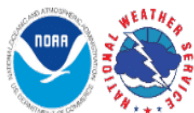
- ✓ Scattered to numerous downed trees, tree limbs and power outages
- ✓ Dangerous travel conditions for high profile vehicles.
- ✓ Potential collapses for poorly constructed tent structures.

Timing:

- ✓ Strongest winds from late this evening into Friday Morning.

Uncertainty:

- ✓ Potential for isolated gusts to 60 mph for areas adjacent to the High Wind Warning.



National Weather Service
New York NY
12/24/2020 06:16 AM EST

Follow Us:
weather.gov/nyc

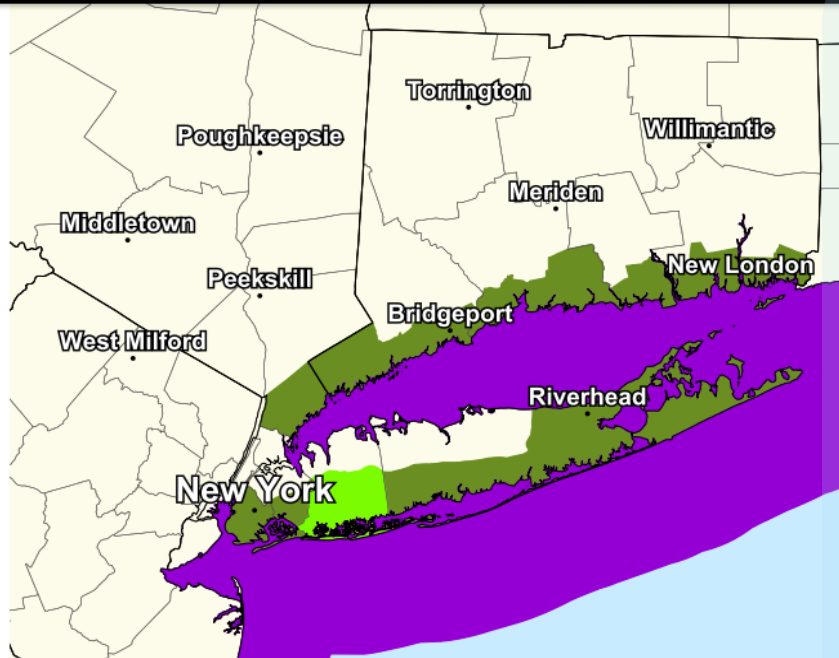
Wind Related Hazards



High Wind Warning ... from 6pm this evening until 10 am Friday
Wind Advisory ... 6pm this evening until 10 am Friday

Coastal Flooding

Marine / Coastal Hazards



Coastal Flood Hazards and Impacts:

- ✓ Minor coastal flooding, widespread minor across Southern Nassau NY.
- ✓ Inundation of ½ to 1 ½ ft above ground in vulnerable locales along ocean-facing shores and the CT coastline.

Shoreline/Marine Hazards and Impacts:

- ✓ Potential for beach erosion and overwash across all ocean shorelines.
- ✓ Breaking waves of 10-15 ft on the ocean.
- ✓ Wind gusts of 50-60kt on the waters.

Timing:

- ✓ Late tonight into Friday morning for Coastal Flood/Shoreline hazards and impacts.
- ✓ Tonight through Friday morning for Marine hazards.

Graphic Created
December 24th, 2020
5:08 AM EST

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

- ✓ **High Wind Warnings Remain in Effect**
 - ✓ Sustained winds 25-40 mph with gusts up to 60-65 mph
 - ✓ Scattered to numerous downed tree limbs, branches and power outages
 - ✓ Driving difficult, especially for high-profile vehicles.

- ✓ **Wind Advisories Remain in Effect**
 - ✓ Sustained winds 20-30 mph with gusts up to 55 mph
 - ✓ Scattered downed tree limbs, branches and power outages.

- ✓ **Flood Watch Remains in effect for all but Long Island**
 - ✓ 2 to 4 inches of rain from today through Friday, heaviest late this evening into Friday morning
 - ✓ Urban and poor drainage flooding possible
 - ✓ Flooding along rivers and streams possible

- ✓ **Storm Warnings Remain in Effect**
 - ✓ Gusts 50-60 kt on the coastal waters
 - ✓ Waves on the Ocean of 15-20 ft
 - ✓ Waves on Long Island Sound of 5-10 ft

- ✓ **Coastal Flooding impacts possible**
 - ✓ Minor coastal flooding possible, widespread minor across Southern Nassau NY
 - ✓ Inundation of ½ to 1 ½ ft above ground in vulnerable locales along ocean-facing shores and the CT coastline.
 - ✓ Potential for beach erosion and overwash across all ocean shorelines.

Contact and Next Briefing Information



Next Briefing
When: *Around 6 PM Today (Thu)*
Method: *Email*



Web:

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



Phone (public):

631-924-0517



E-mail:

okx.operations@noaa.gov



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 PM today (12/24/20).*