

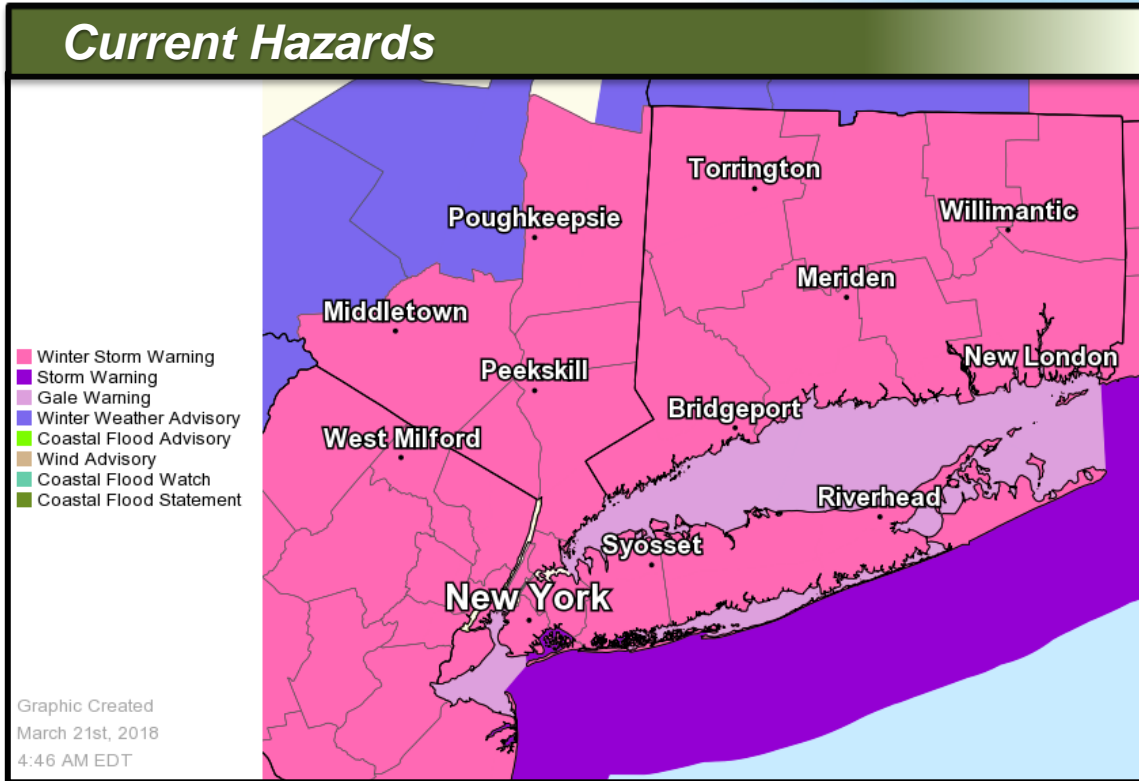
Significant Winter Storm

Decision Support Briefing #4
As of: 5:00 AM Mar 21, 2018







What Has Changed?

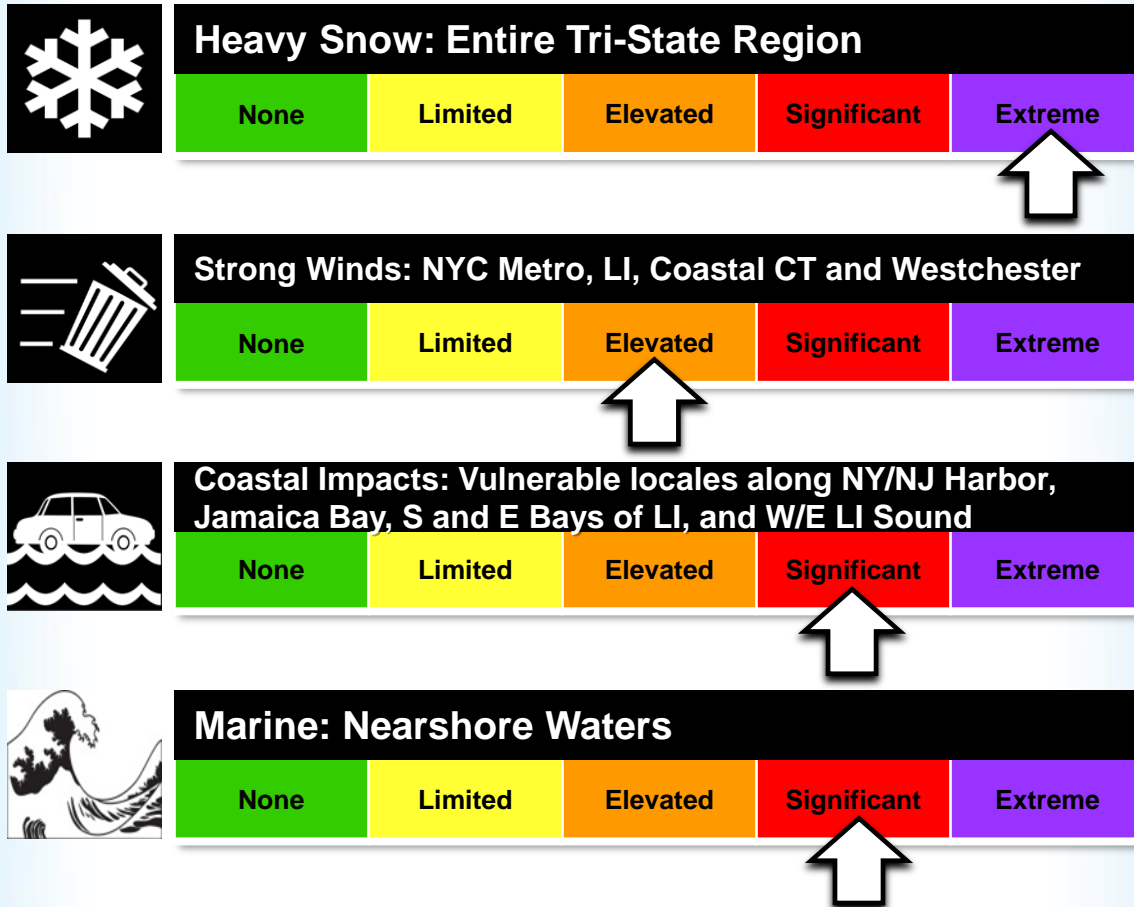
- ✓ Snowfall amounts increased for most of the Tri-State



Main Points

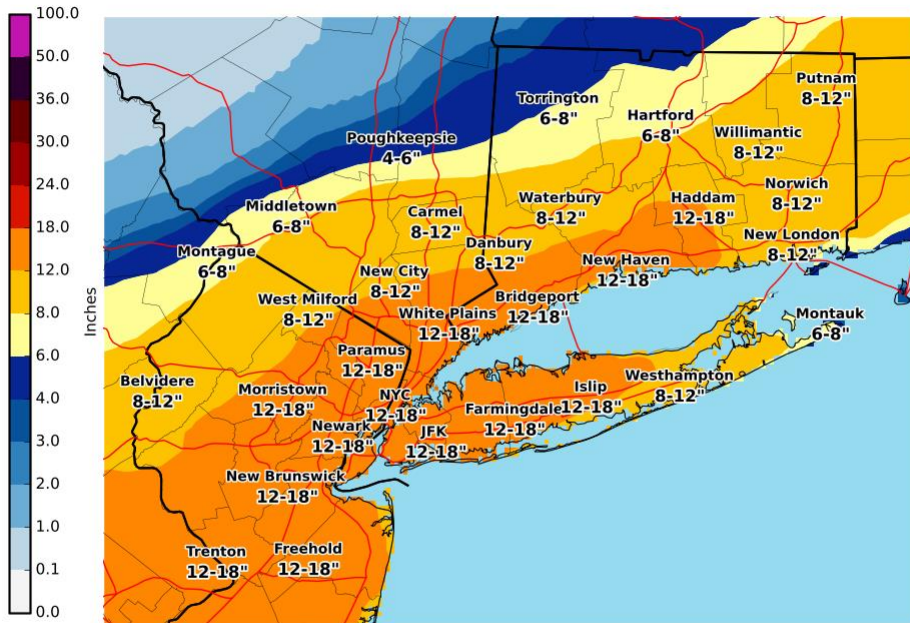
Hazard	Impacts	Location	Timing
Heavy Snow 	<ul style="list-style-type: none"> • 10-18" possible for NYC, NE NJ, much of Long Island, portions of Lower Hudson Valley and southern CT. • 6-12" across n Orange County, Putnam County, and forks of Long Island. • Snowfall rates of 1-3"/hr • This afternoon and tonight. • Near white-out conditions at times. 	<p>Entire Tri-State Region</p> <p>Highest Accumulations under snow bands</p>	<p>Today and tonight</p>
Strong Winds 	<ul style="list-style-type: none"> • 20 to 30 MPH with gusts to 45 mph, isolated gusts to 50 mph on the Twin Forks. • Widespread power outages possible. • Widespread downed trees and power lines possible. 	<p>Entire Tri-State Region</p> <p>Strongest gusts closest to the coast</p>	<p>Late morning through this evening</p>
Coastal Impacts 	<ul style="list-style-type: none"> • Minor to moderate coastal flooding. • Inundation of 1 to 3 ft above ground in vulnerable areas. • Localized dune erosion. 	<p>Vulnerable locales along NY/NJ Harbor, Jamaica Bay, S and E Bays of LI, and LI Sound</p>	<p>During times of high tide today and tonight</p>
Marine 	<ul style="list-style-type: none"> • Wind gusts up to 55 KT on the ocean. • 35 to 45 KT on all other waters. • Seas of 11-16 ft on the Ocean and 3-7 ft on LI Sound. 	<p>Nearshore and coastal ocean waters</p>	<p>Late morning through this evening</p>

Summary of Greatest Impacts



Heavy snow

Expected Snowfall - Official NWS Forecast
Valid: 03/21/2018 02:00 AM - 03/22/2018 08:00 AM EDT



Hazards:

- ✓ Snowfall of 10-18" for NYC, NE NJ, much of Long Island, portions of the Lower Hudson Valley and southern CT.
- ✓ 6-12" across Orange, Putnam and the Forks of Long Island.
- ✓ Near white-out conditions at times.
- ✓ 1-3" per hour at times.

Impacts:

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

Timing:

- ✓ Heaviest snow late morning through around midnight.

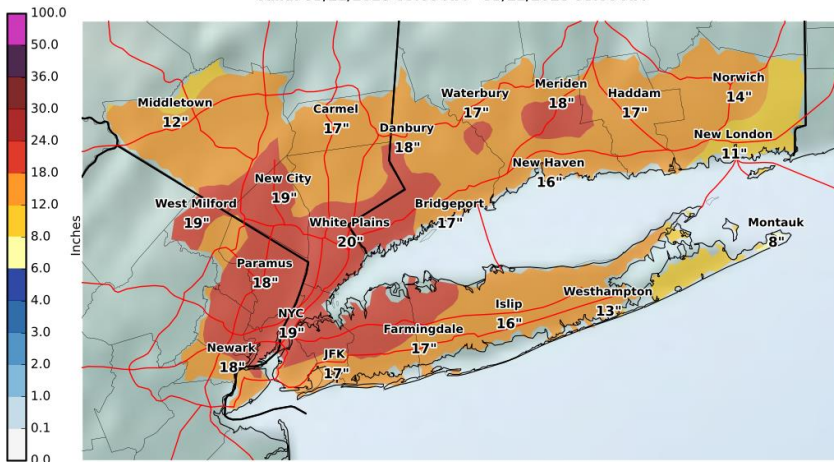


National Weather Service
New York NY
03/21/2018 05:02 AM EDT

Follow Us: weather.gov/nyc/winter

Heavy snow

High End Amount - 1 in 10 Chance (10%) Of Higher Snowfall
Valid: 03/21/2018 05:00 AM - 03/22/2018 08:00 AM



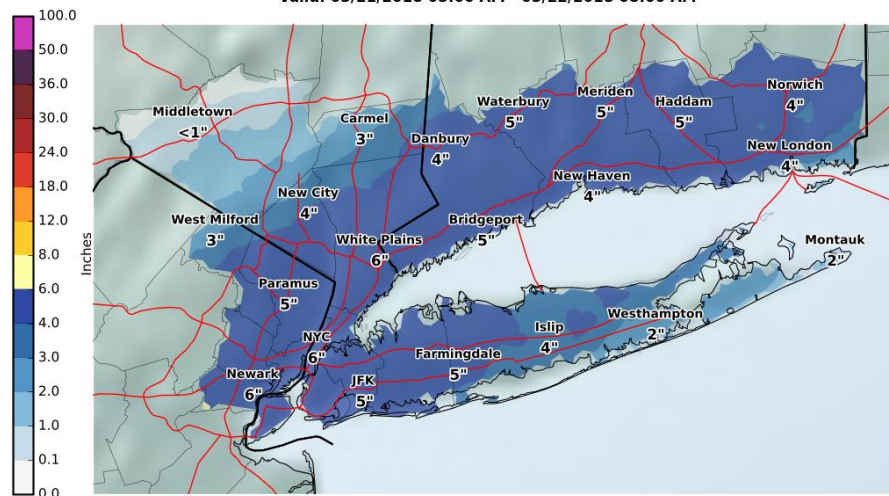
National Weather Service
New York NY
03/21/2018 05:22 AM EDT

Follow Us:
weather.gov/nyc/winter

Less Sleet and/or low
stronger/farther to N and W

More Sleet and/or low
weaker/farther to S and E

Low End Amount - 9 in 10 Chance (90%) Of Higher Snowfall
Valid: 03/21/2018 05:00 AM - 03/22/2018 08:00 AM



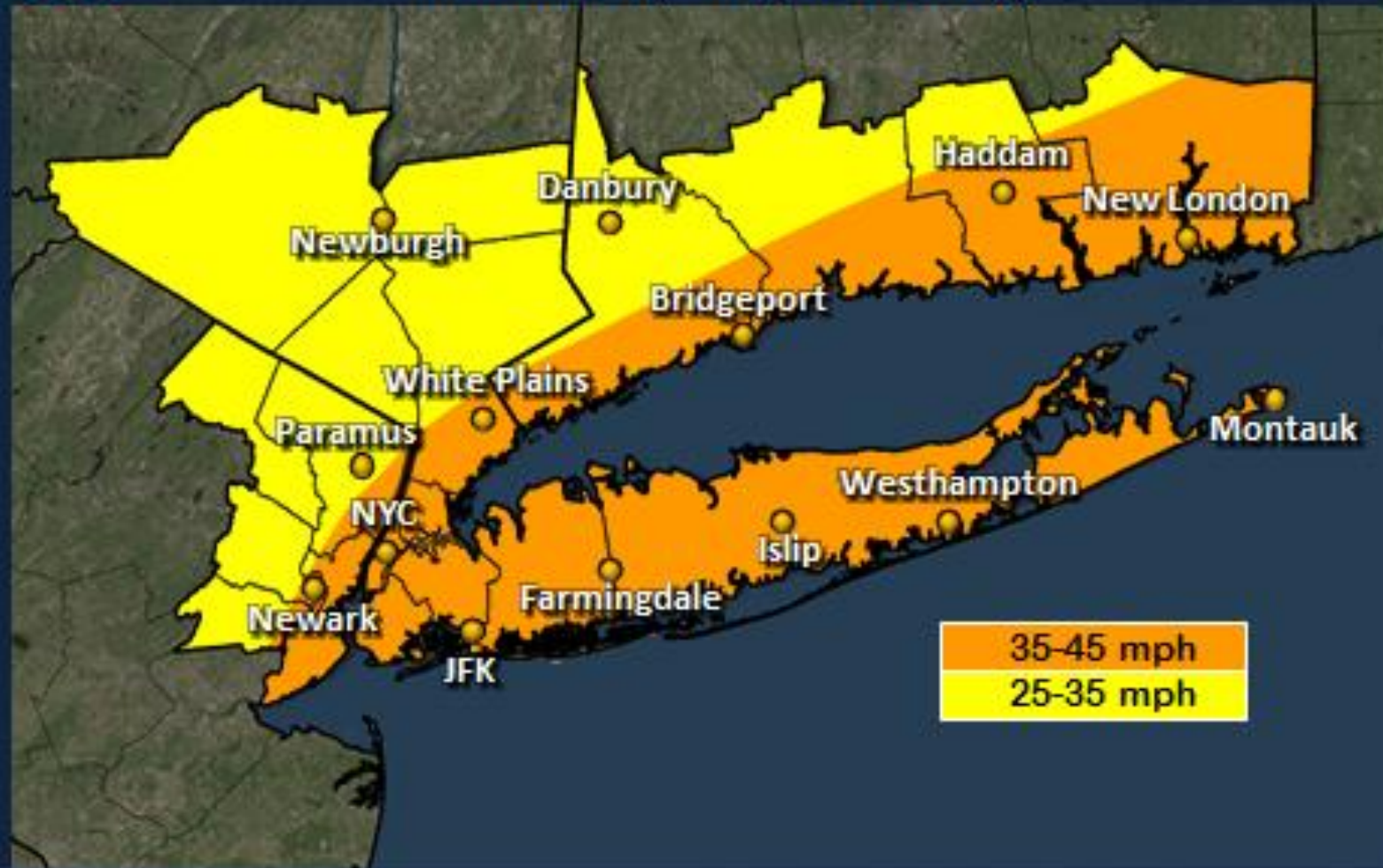
National Weather Service
New York NY
03/21/2018 05:22 AM EDT

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Potential Wind Gusts

Late this morning through this evening



weather.gov/NYC



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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 tonight.

Shoreline Hazard and Impacts:

- ✓ Localized dune erosion.

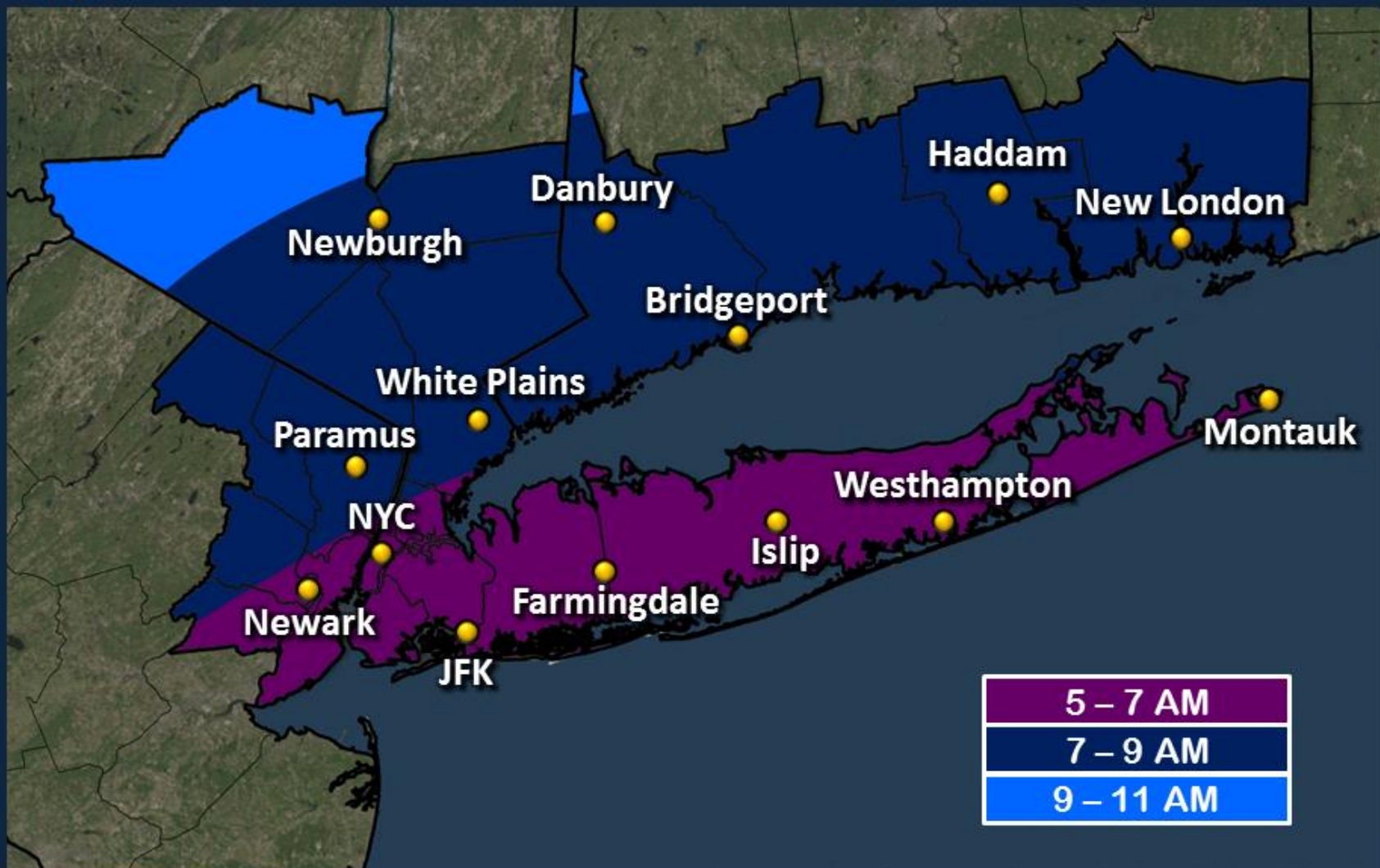
Timing:

- ✓ During times of high tide today and tonight.

***Coastal Flood Watch for tonight for south shore Bays of NYC and Western Long Island**

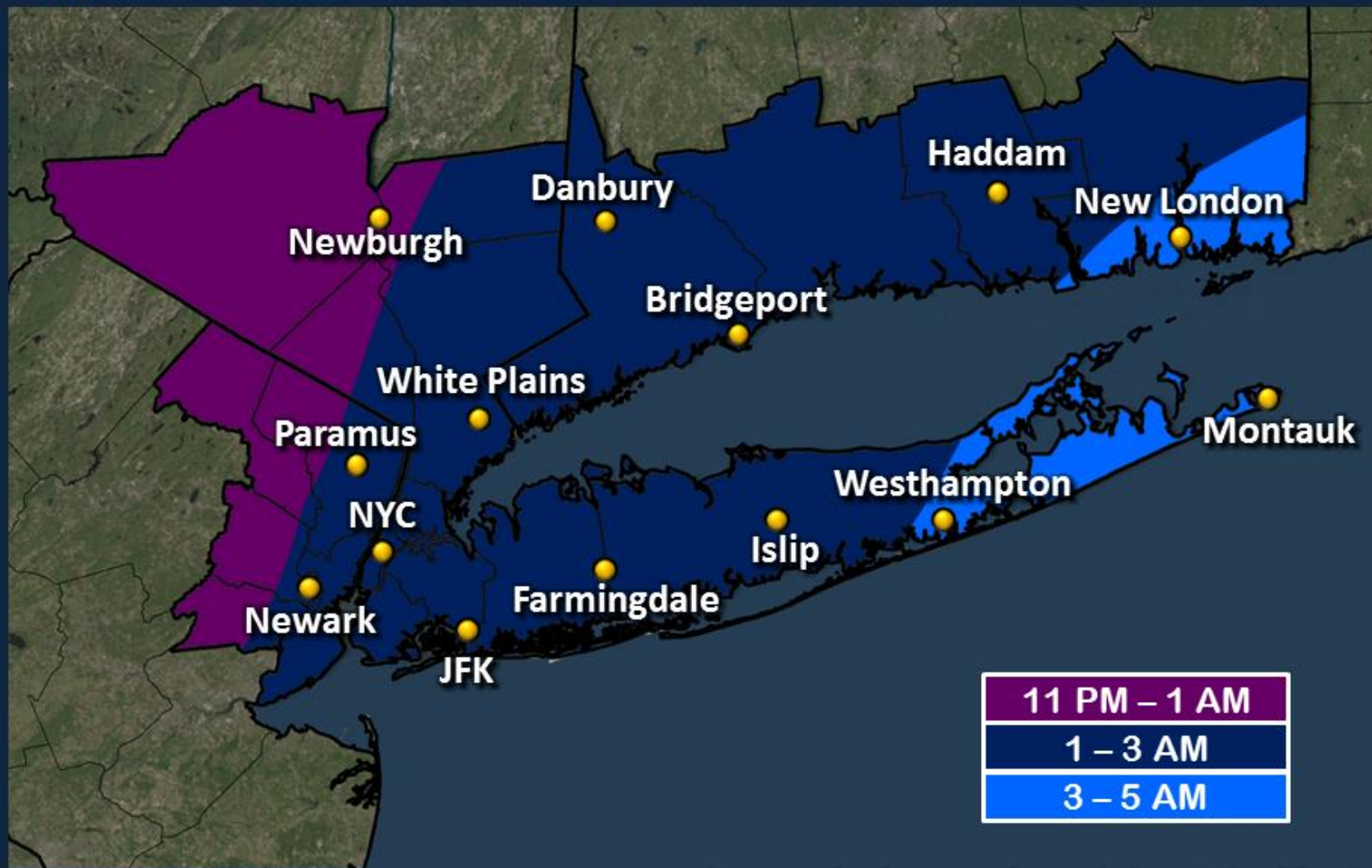


Approximate Onset of Precipitation





Approximate End of Precipitation





Forecast Uncertainties

- ✓ **The location and timing of heaviest snowfall.**
- ✓ **The temperatures, especially during the day time.**
- ✓ **How much mixing with sleet, if any, occurs?**





Event Summary

- ✓ **Accumulating heavy, wet snow and gusty winds could cause widespread power outages and widespread tree damage.**
 - ✓ **Near blizzard conditions possible across NYC, Nassau County, SW CT and portions of NE NJ and the Lower Hudson Valley.**
 - ✓ **Snowfall rates 1 to 3” per hour, late this morning through around midnight.**
- ✓ **Hazardous travel possible developing by around midday and becoming nearly impossible for the afternoon and evening commute.**
- ✓ **Minor to moderate coastal impacts with the high tides today and tonight.**



Contact and Next Briefing Information



This will be the final briefing



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 5 PM Wednesday (03/21/18).