

Significant Winter Storm

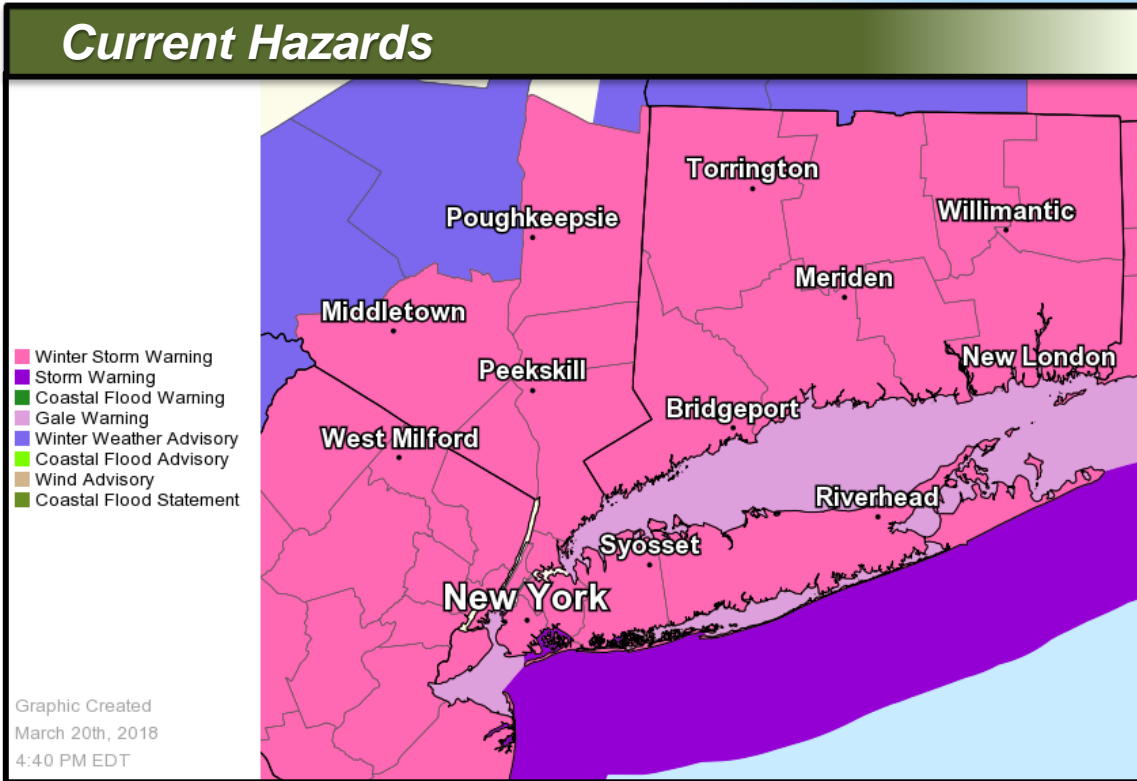
Decision Support Briefing #3
As of: 4:30 PM Mar 20, 2018







What Has Changed?

- ✓ Winter Storm Warning now in effect for eastern Suffolk County
- ✓ Snowfall amounts increased for Long Island and southeast Connecticut

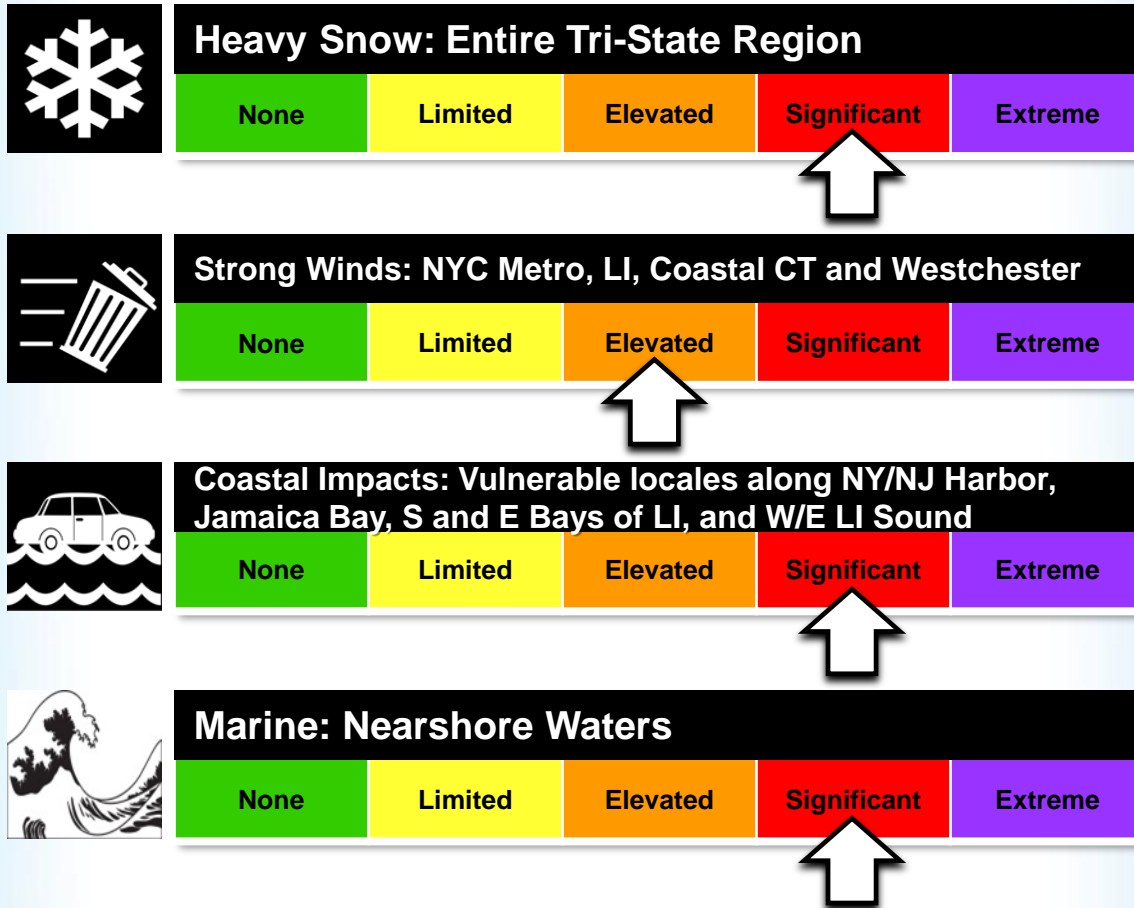
Current Hazards



Main Points

Hazard	Impacts	Location	Timing
Heavy Snow 	<ul style="list-style-type: none"> • 12-15" possible for NYC, NE NJ, much of Long Island, portions of Lower Hudson Valley and southern CT. • 6-10" across n Orange County, Putnam County, and forks of Long Island. • Snowfall rates of 1-3"/hr • Wed afternoon and evening. • Visibilities of 1/4 miles or less at times. 	<p>Entire Tri-State Region</p> <p>Highest Accumulation on the coldest surfaces</p>	<p>Wednesday into Wednesday night</p>
Strong Winds 	<ul style="list-style-type: none"> • 20 to 30 MPH with gusts to 45 mph. • 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>Tonight into Wednesday night</p>
Coastal Impacts 	<ul style="list-style-type: none"> • Minor to moderate coastal flooding. • Inundation of 2 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 W/E LI Sound</p>	<p>During times of high tide Wednesday</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 12-17 ft on the Ocean and 3-6 ft on LI Sound. 	<p>Nearshore Waters</p>	<p>Late tonight through Wednesday night</p>

Summary of Greatest Impacts



Heavy snow

Hazards:

- ✓ Snowfall of 12-15" possible for NYC, NE NJ, much of Long Island, portions of the Lower Hudson Valley and southern CT.
- ✓ 6-10" across Orange, Putnam and forks of Long Island.
- ✓ Visibilities ¼ mi or less at times.
- ✓ 1-3" per hour at times.

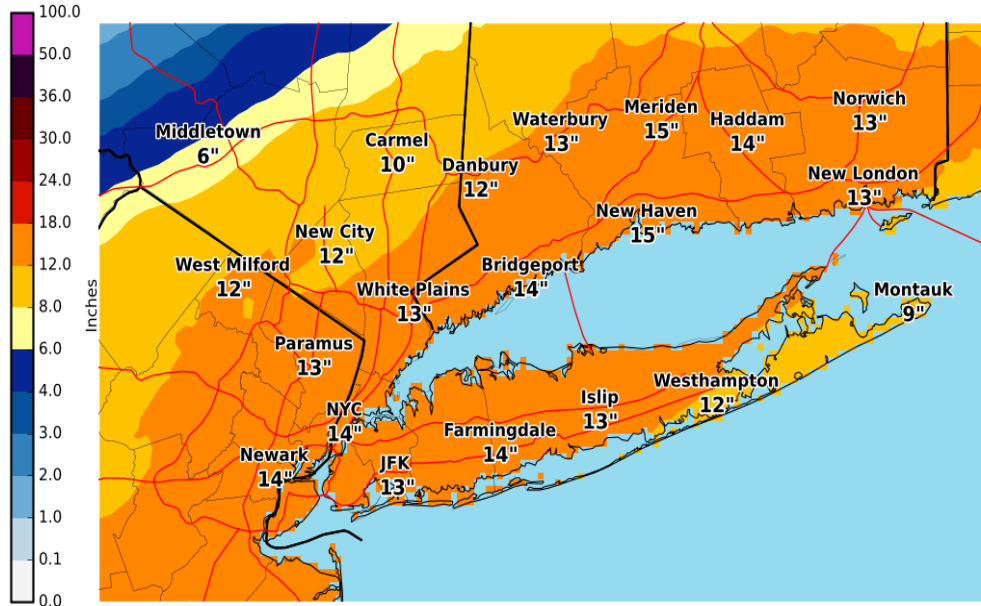
Impacts:

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

Timing:

- ✓ Heaviest snow mid-late morning through Wed evening.

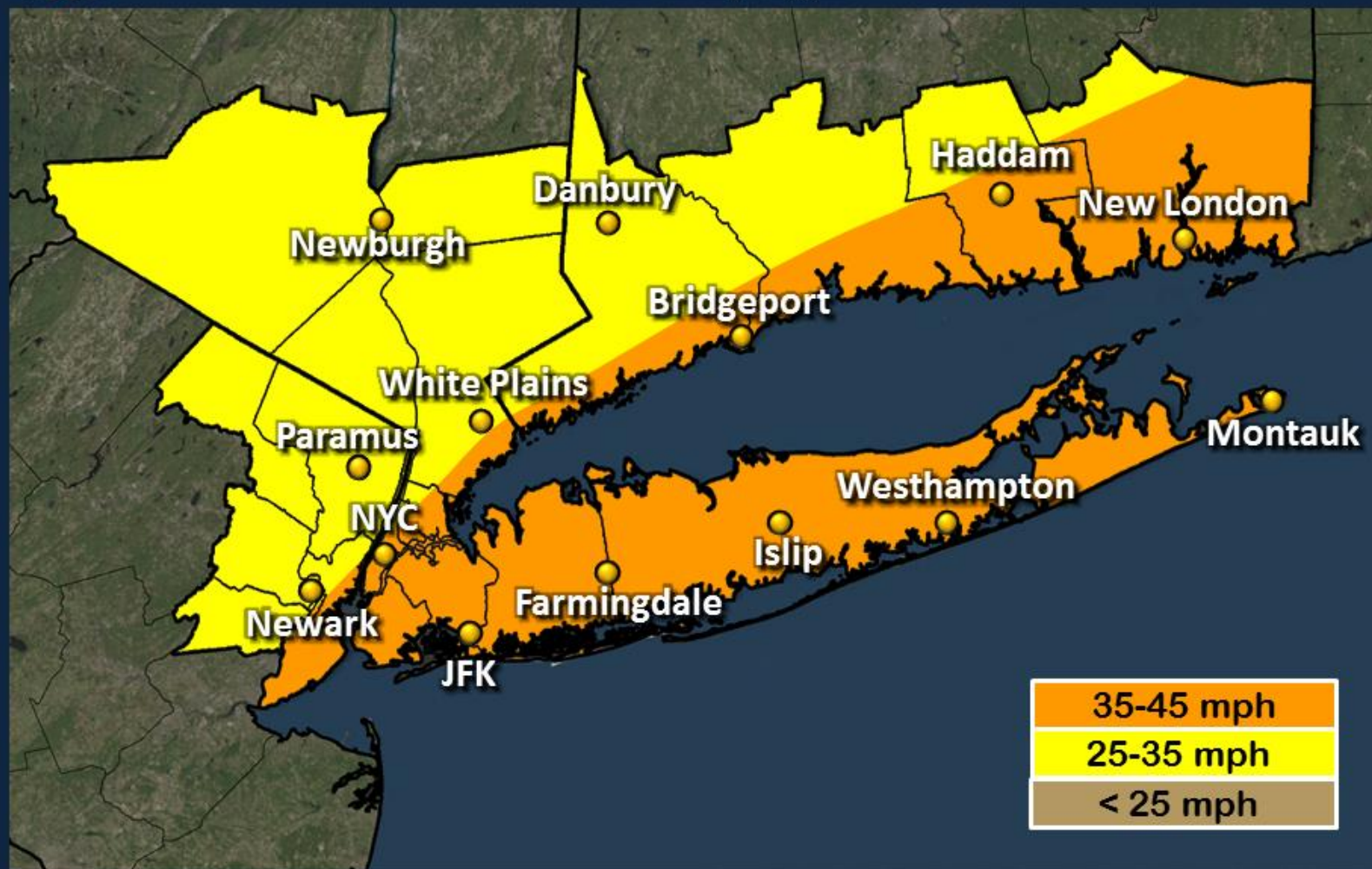
Expected Snowfall - Official NWS Forecast
Valid: 03/21/2018 02:00 AM - 03/22/2018 08:00 AM EDT



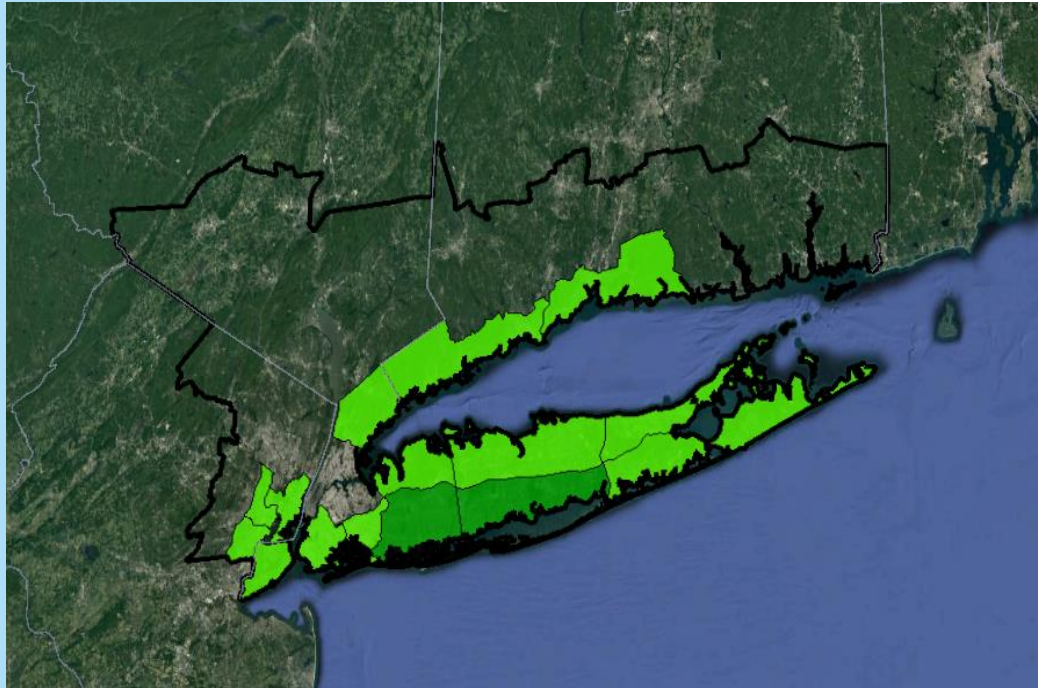


Potential Wind Gusts

Wednesday Night



Coastal Flooding



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:

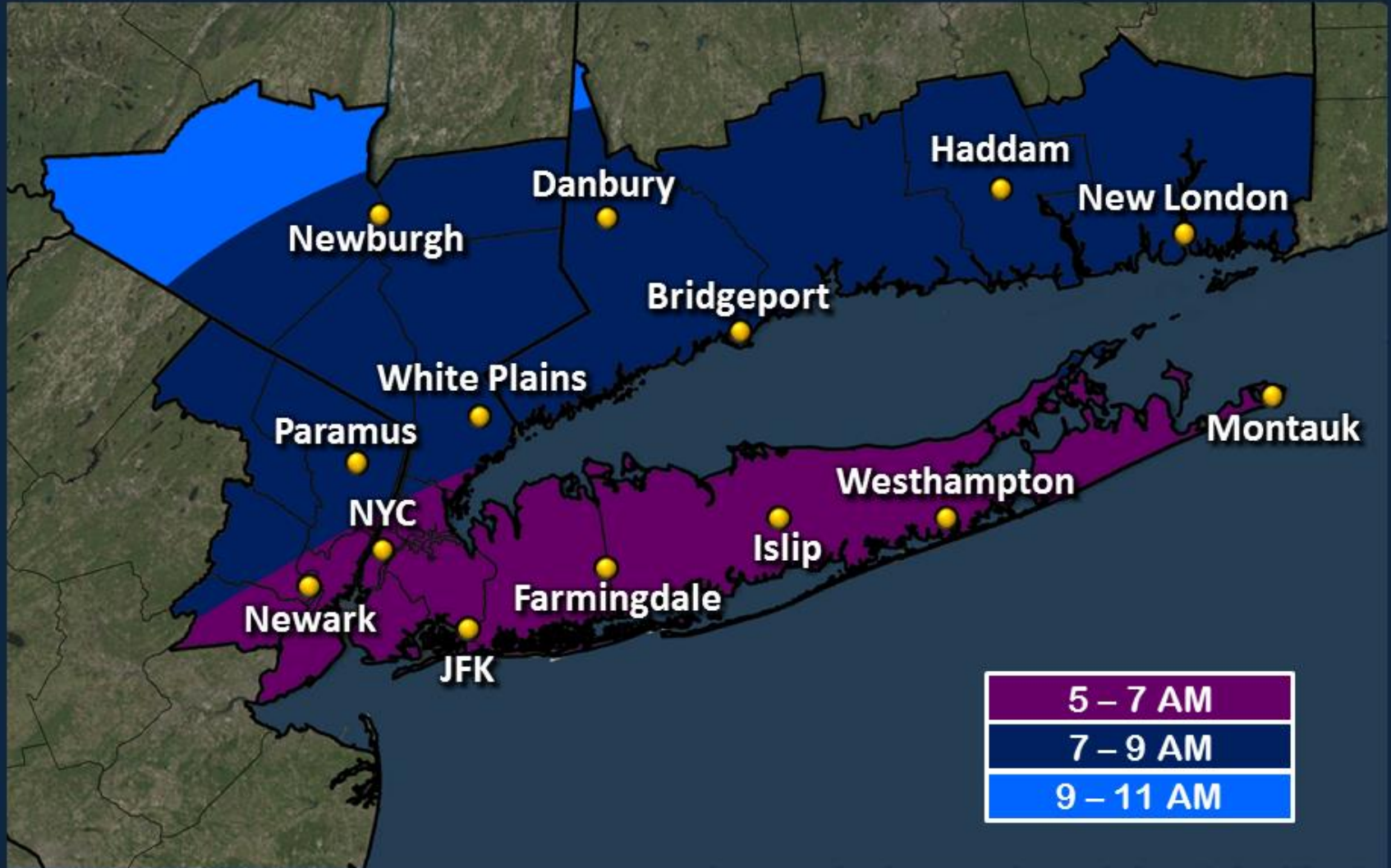
- ✓ During times of high tide
Wednesday and Wednesday night.

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



Approximate Onset of Precipitation

Wednesday Morning

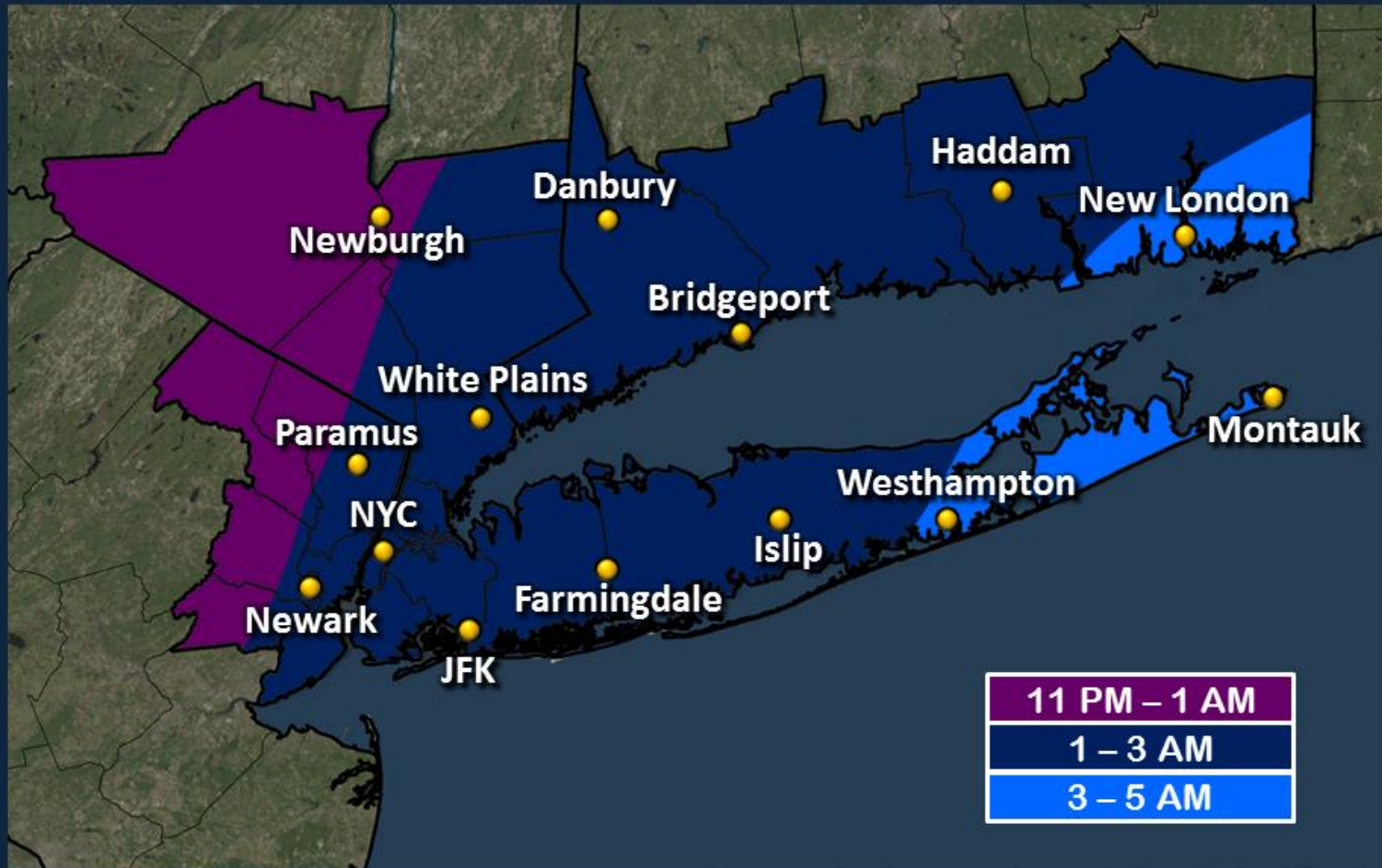


Approximate Ending Time



Approximate End of Precipitation

Wednesday Night – Thursday Morning





Forecast Uncertainty

- ✓ **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 coastal Connecticut and Long Island.**
 - ✓ **Snowfall rates 1 to 3" per hour, especially late Wednesday morning through Wednesday evening.**
- ✓ **Hazardous travel possible developing during the Wednesday morning commute and becoming nearly impossible for the afternoon and evening commute.**
- ✓ **Minor to moderate coastal impacts with Wednesday high tide.**



Contact and Next Briefing Information



Next Briefing
5:00 am
Email



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



Phone (public):
631-924-0517



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



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Disclaimer: The information contained within this briefing is time-sensitive, do not use after 5 AM Wednesday (03/21/18).