

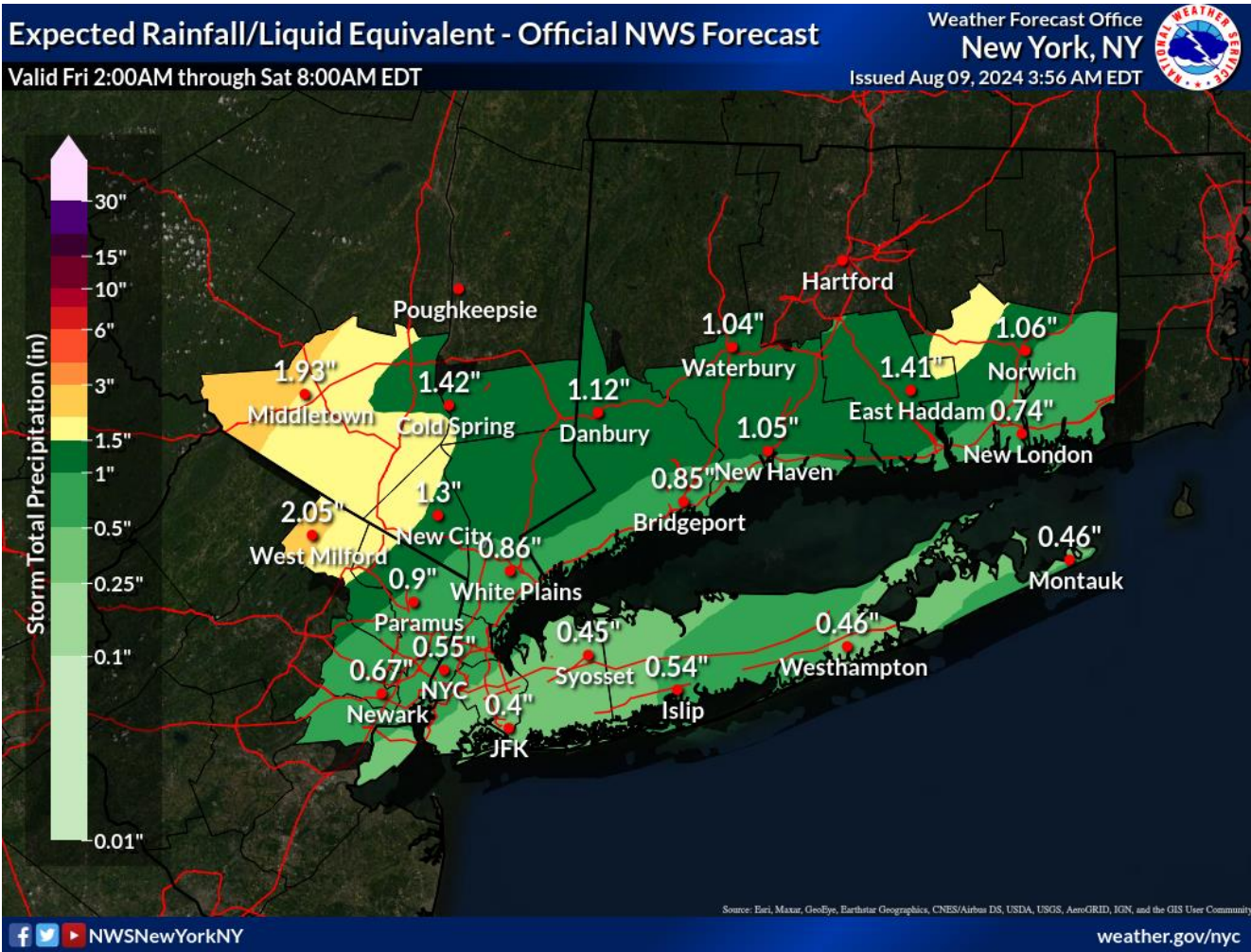


Post Tropical Depression Debby Update

August 9, 2024
5:28 AM

Key Messages

- Post Tropical Depression Debby will bring a period of heavy rain, isolated strong to severe thunderstorms, strong winds, and high surf and dangerous rip currents to the area through tonight.



HAZARDS & IMPACTS

Rainfall:

- **Storm Total Rainfall:** 1 to 2" for most of the area thru early Sat AM. Locally 3" possible N&W of NYC. 0.5 to 1" with locally higher amounts across NYC and Long Island.
- **Rainfall Rates:** Generally ½ to 1" /hr , locally 2"/hr possible this afternoon into tonight
- **Flash Flood Impacts:** Scattered instances of flash flooding of urban & poor drainage areas and along quick responding small rivers and streams possible for NE NJ and Lo Hud this afternoon into tonight. Isolated flash flood threat for remainder of the area. Saturated grounds from recent rainfall could exacerbate flood impacts.

Winds:

- **Peak Winds:** South winds 20 to 30 mph with gust 35 to 45 mph likely this afternoon into tonight. Gusts to 50 mph possible for LI and NYC this afternoon into this evening.
- **Impacts:** Scattered downed trees and tree limbs. Power outages possible.

Isolated to Scattered Severe Thunderstorms:

- Potential for isolated to scattered severe storms with damaging winds gusts and brief tornadoes, mainly this afternoon into tonight.

Coastal:

- High Surf (5 to 11 ft) and High Risk of rip currents along ocean beaches likely into Saturday. Beach flooding and scattered areas of dune erosion possible during times of high tide into midday Saturday.

Marine:

- Gale conditions and 8 to 12 ft waves on the ocean. 3 to 6 ft on Long Island Sound this afternoon into Sat AM.

NWS ALERTS

- Gale Warning
- Wind Advisory
- High Surf Advisory/Rip Current statement

NEXT BRIEF

This will be the final briefing unless there are significant changes to the forecast.

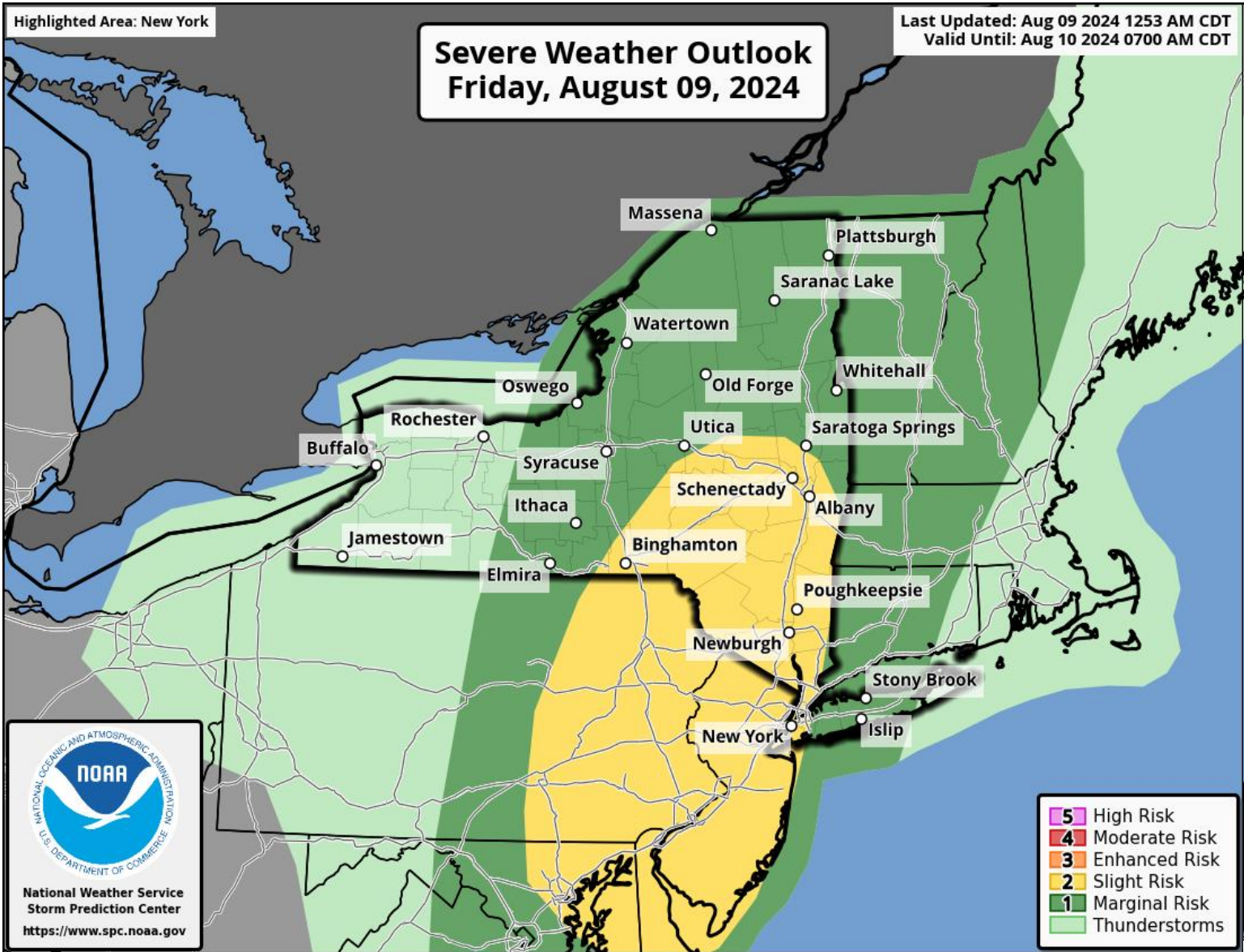




Severe Tstm Threat Friday Afternoon through Friday Night

August 9, 2024
5:28 AM

8AM Friday through 8AM Saturday



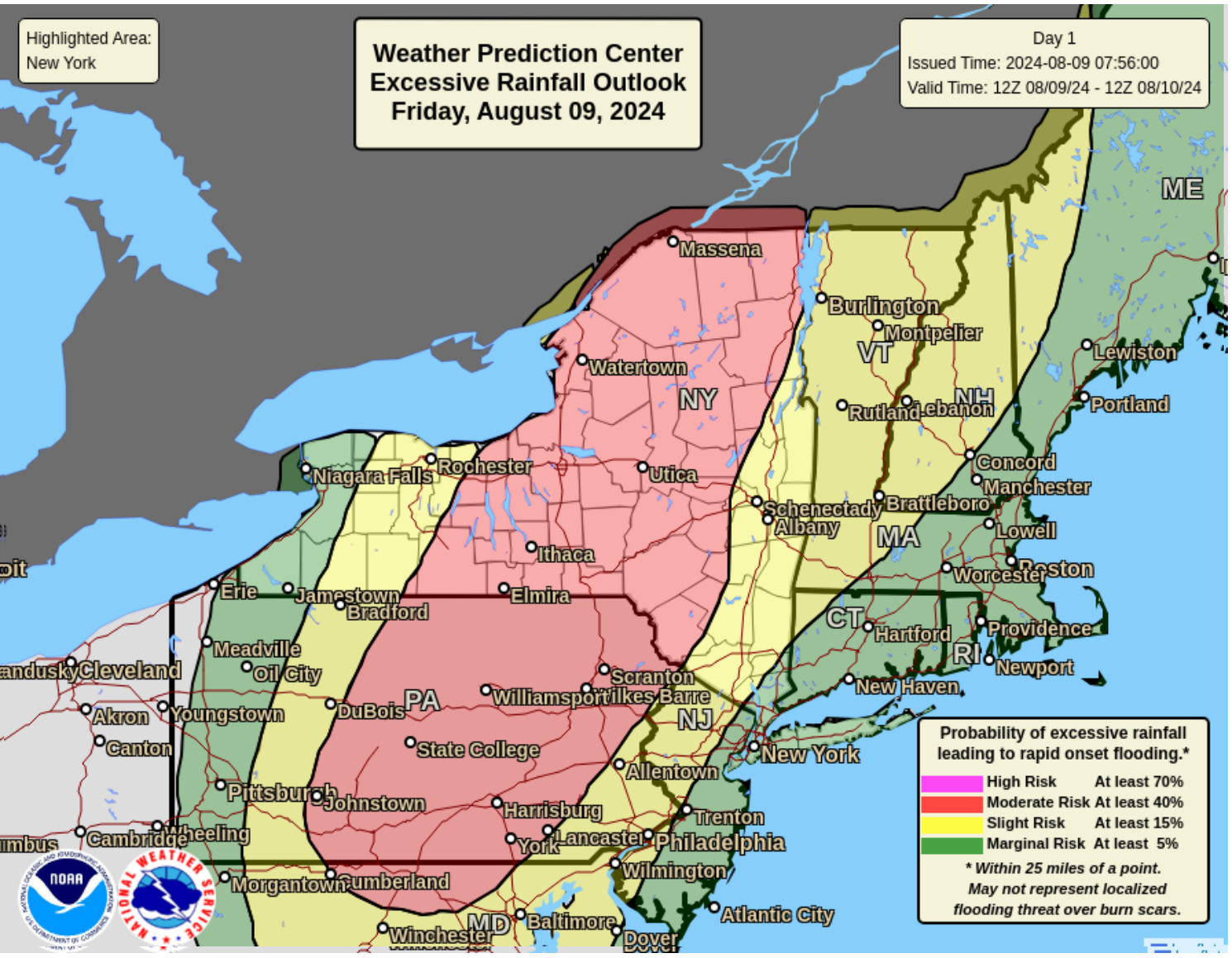
Understanding Severe Thunderstorm Outlook Categories						
LEVEL	CATEGORY	DETAILS	SUMMARY	How many severe storms are possible?	How bad could the worst storms be?	DEFINITIONS
	General Thunderstorm	Although severe weather is not expected, <i>all</i> thunderstorms can produce deadly lightning, gusty winds, and small hail.	No severe thunderstorms expected	<div><div></div></div> NoneNumerous	Similar to storms your area experiences many times per year	Severe Storm Any storm that contains at least one of the following: Wind gusts of at least 58 mph Hail at least one inch in diameter Tornado
1	Marginal (MRGL)	Some storms could be capable of damaging winds and severe hail. Localized tornado threat could develop.	Isolated severe storms possible	<div><div></div></div> NoneNumerous	Similar to storms your area may experience several times per year	
2	Slight (SLGT)	Increased confidence that some storms will contain damaging winds, severe hail, and/or tornado potential. <i>A few severe storms could be significant</i>	Isolated to scattered severe storms expected	<div><div></div></div> NoneNumerous	Similar to storms your area may experience a few times per year	
3	Enhanced (ENH)	High confidence that several storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms could be significant</i>	Scattered to numerous severe storms expected	<div><div></div></div> NoneNumerous	Similar to intense storms your area may only experience once or twice per year	Significant Severe Any of the following hazards: Wind gusts of at least 75 mph Hail at least two inches in diameter Tornado of at least EF-2 rating
4	Moderate (MDT)	High confidence that many storms will contain damaging winds, severe hail, and/or tornadoes. <i>Several severe storms likely to be significant</i>	Scattered to numerous severe storms expected	<div><div></div></div> NoneNumerous	Similar to intense storms your area may only experience once per year or less	
5	High (HIGH)	High confidence that an outbreak of storms will contain tornadoes, damaging winds, and/or severe hail. <i>Tornado outbreak and/or widespread damaging winds</i>	Numerous severe storms expected	<div><div></div></div> NoneNumerous	Very intense storms your area may only experience once or twice in a lifetime	



Excessive Rainfall Outlook Friday Aft through Friday Night

August 9, 2024
5:28 AM

8AM Friday through 8AM Saturday



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.
www.wpc.ncep.noaa.gov @NWSWPC				
Flash flooding near me?	Flash Flooding			
WEATHER PREDICTION CENTER				



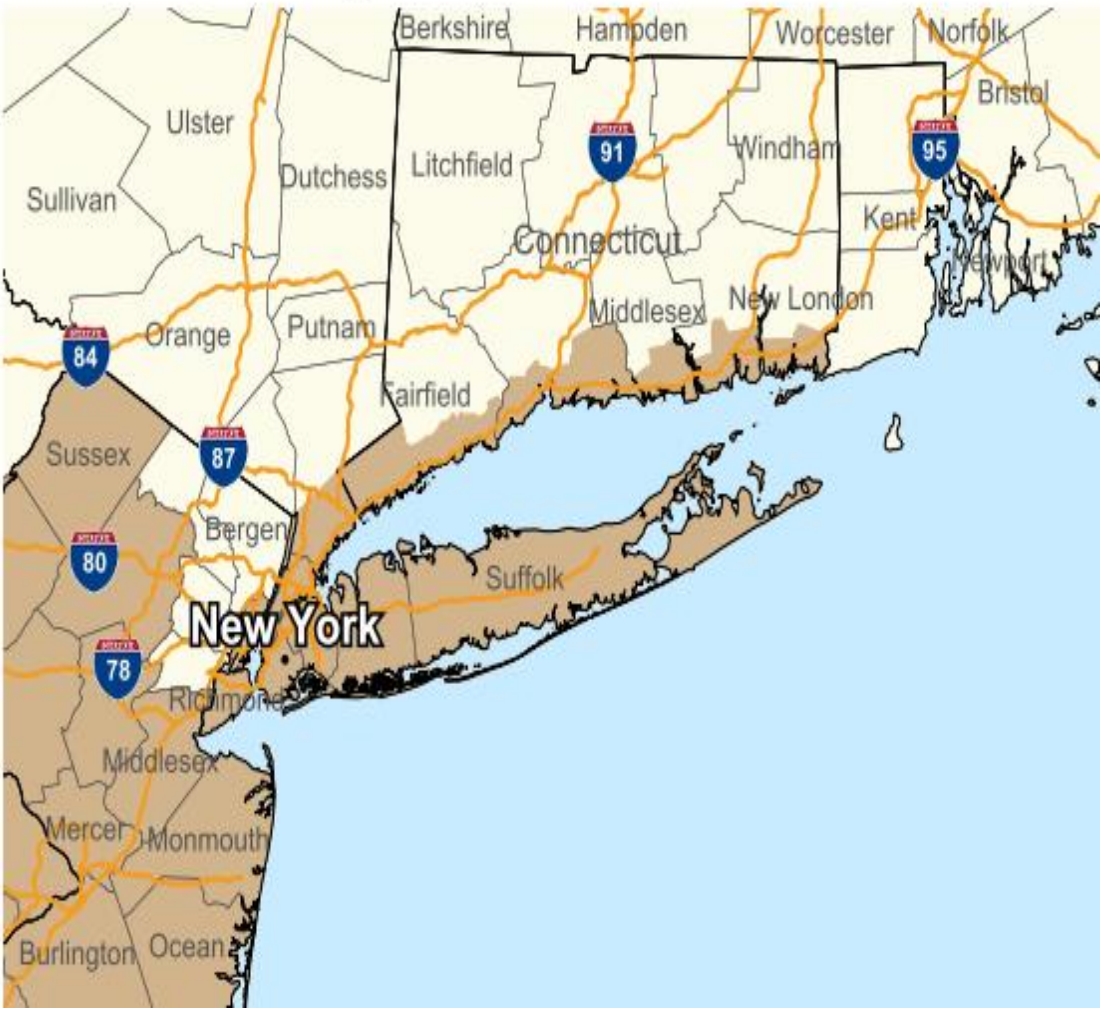
Friday Maximum Wind Gust Forecast

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5:28 AM



Wind Watches Warnings and Advisories

Wind Advisory

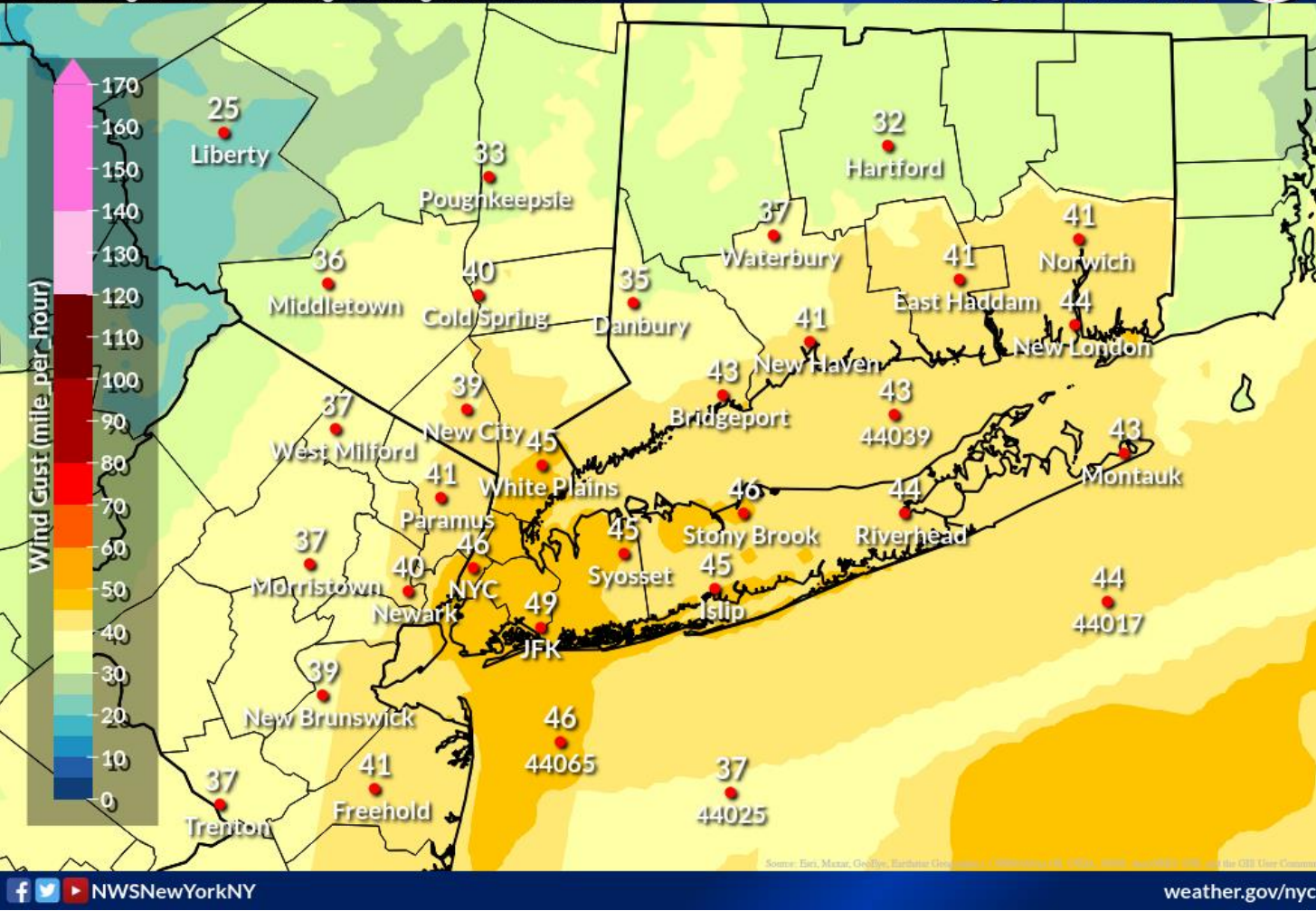


Graphic Created
August 9th, 2024
3:26 AM CDT

Friday's Maximum Wind Gusts

Valid Fri Aug 09 8:00AM through Sat Aug 10 8:00AM EDT

Weather Forecast Office
New York, NY
Issued Aug 09, 2024 4:03 AM EDT



NWSNewYorkNY

weather.gov/nyc



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY