



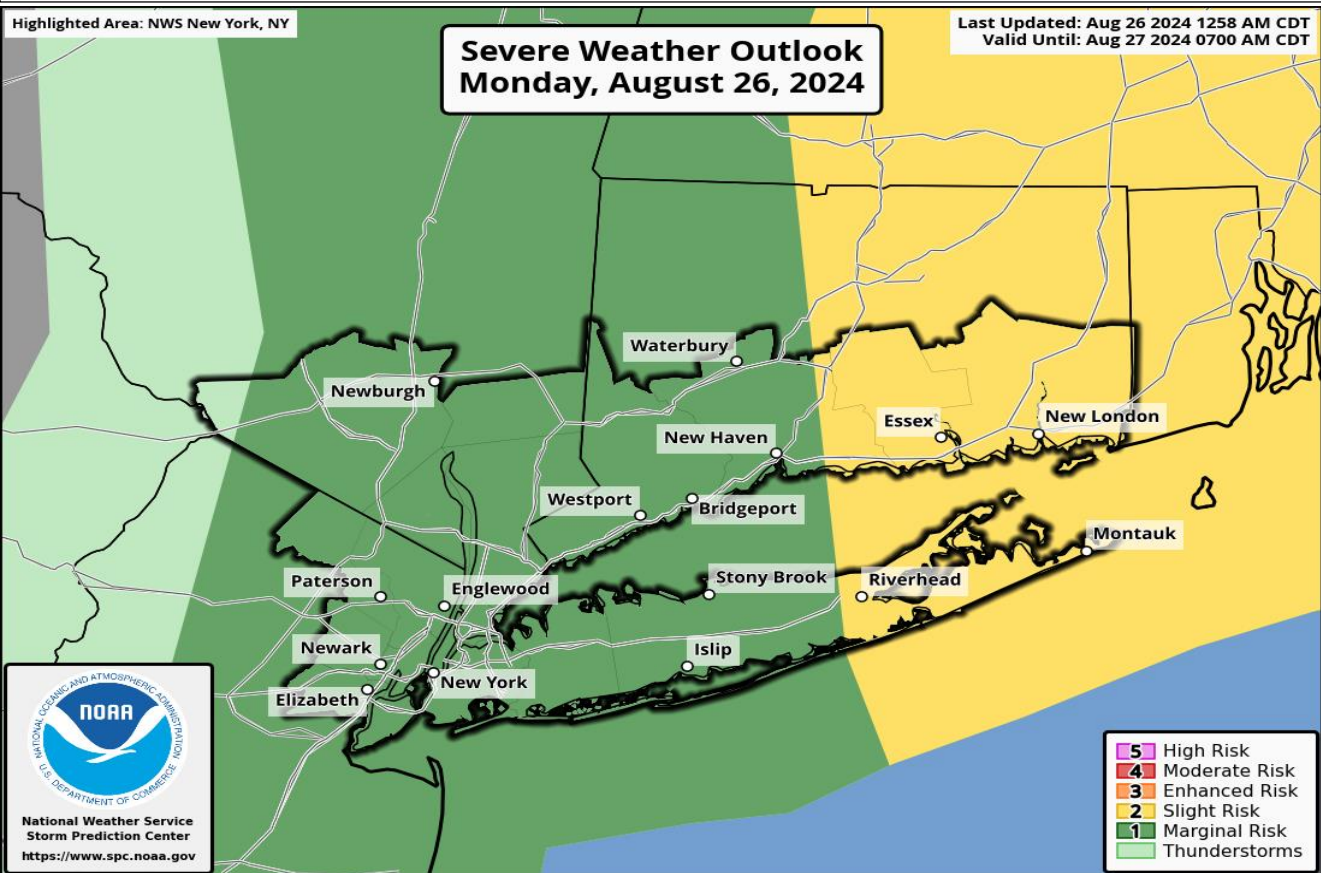
Severe TStorm and Marginal Flood Threat

August 26, 2024
5:50 AM

Today into Tonight

Key Messages

- Possible severe thunderstorms with damaging winds and large hail today into early this evening.
- Marginal flood risk with multiple rounds of showers and thunderstorms.



HAZARDS & IMPACTS

Severe Thunderstorm Threat Today into Tonight:

- Potential for severe thunderstorms mainly this afternoon and early evening, especially across SE Connecticut and Eastern Long Island. Damaging wind gusts and large hail are the primary threats from any severe thunderstorm.

Marginal Flood Threat Today into Tonight:

- Rainfall rates up to 1"/hr at times, minor urban and poor drainage flooding potential, mainly this afternoon and early evening. Isolated flash flood potential where multiple rounds of showers and thunderstorms occur, mainly for parts of SE Connecticut and Eastern Long Island.

Extended Forecast: Wednesday and Wednesday night

- Potential for more severe thunderstorms (damaging winds and large hail)
- Potential for heat indices to reach mid 90s to near 100 in and around NYC, Lower Hudson Valley as well as NE NJ with possible increased risk of heat-related illness for vulnerable populations with this event.

NWS
ALERTS

- None at this time, but if severe threat persists or increases, a severe thunderstorm watch may be needed later today

NEXT
BRIEF

By 6am Tuesday, unless significant changes warrant an earlier update.



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

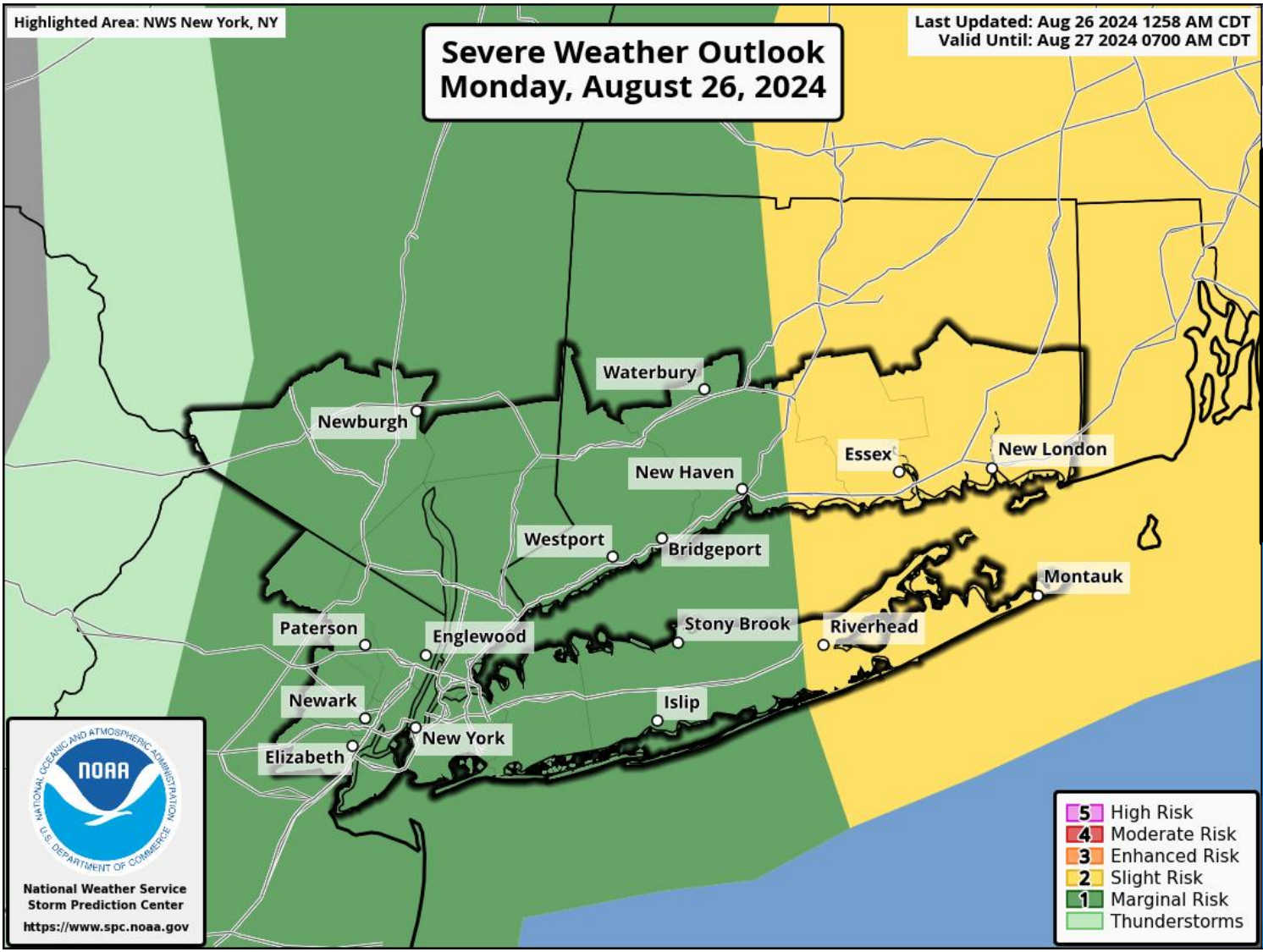
National Weather Service
New York, NY



Severe Thunderstorm Outlook Today into Tonight

August 26, 2024
5:50 AM

Main threats of damaging wind gusts in excess of 58 mph and large hail of at least 1 inch in diameter



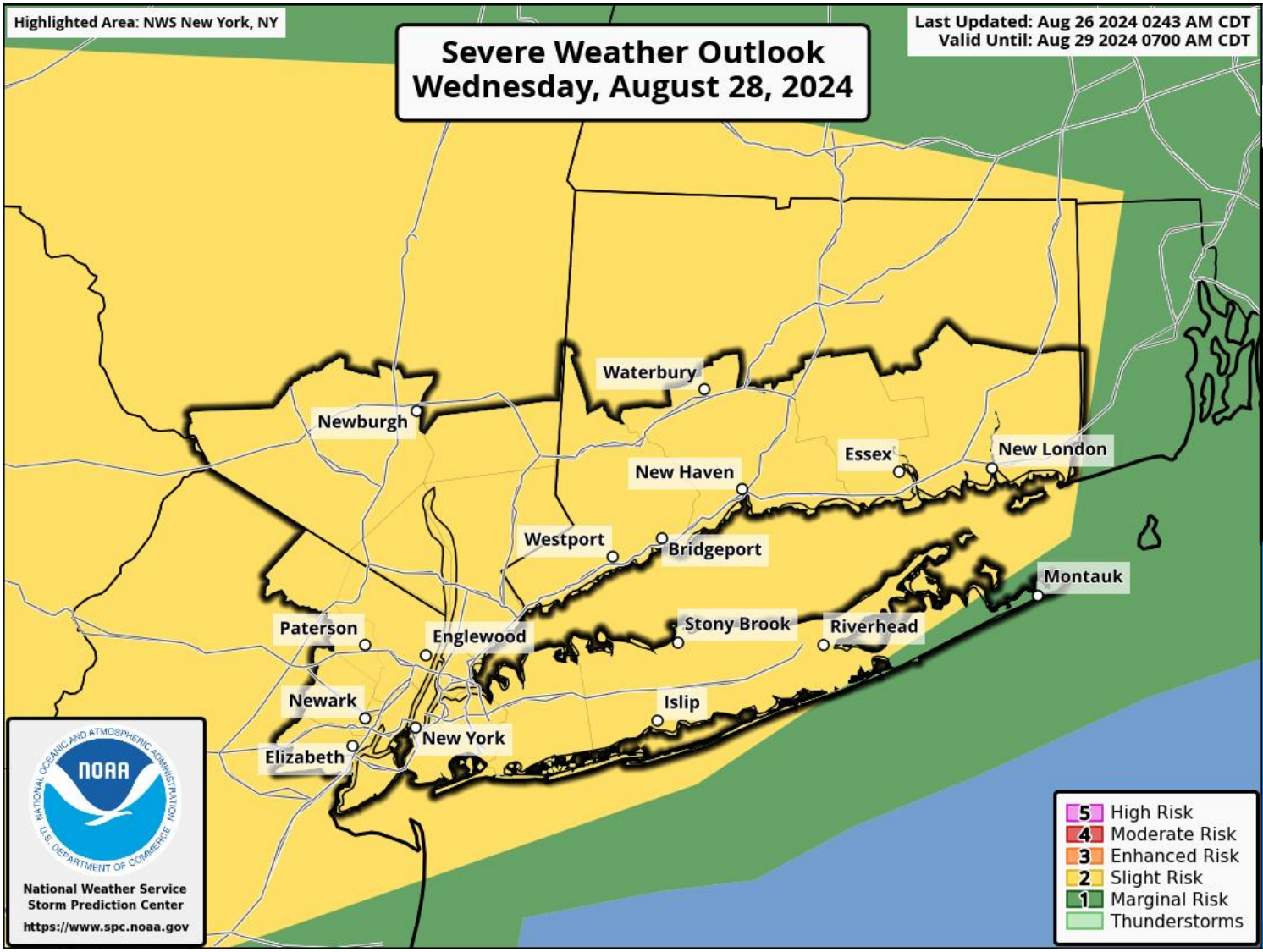
Understanding Severe Thunderstorm Outlook Categories						
LEVEL	CATEGORY	DETAILS	SUMMARY	How many severe storms are possible?	How bad could the worst storms be?	DEFINITIONS
	General Thunderstorm	Although severe weather is not expected, <i>all</i> thunderstorms can produce deadly lightning, gusty winds, and small hail.	No severe thunderstorms expected		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		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		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		Similar to intense storms your area may only experience once or twice per year	Significant Severe Any of the following hazards:
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		Similar to intense storms your area may only experience once per year or less	Wind gusts of at least 75 mph Hail at least two inches in diameter
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		Very intense storms your area may only experience once or twice in a lifetime	Tornado of at least EF-2 rating



Severe Thunderstorm Outlook Wed into Wed Night

August 26, 2024
5:50 AM

Main threats of damaging wind gusts in excess of 58 mph and large hail of at least 1 inch in diameter

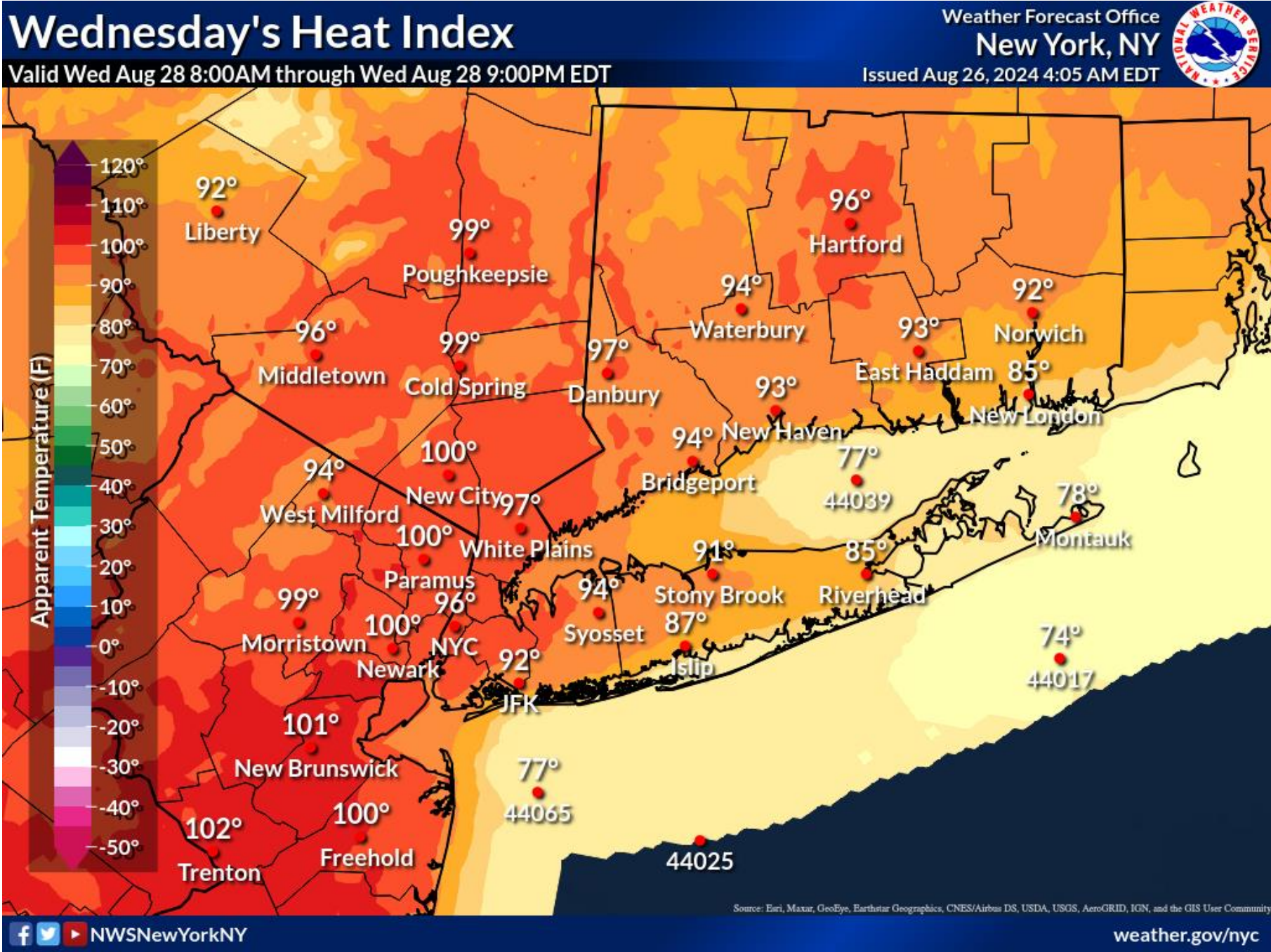


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Maximum Heat Index

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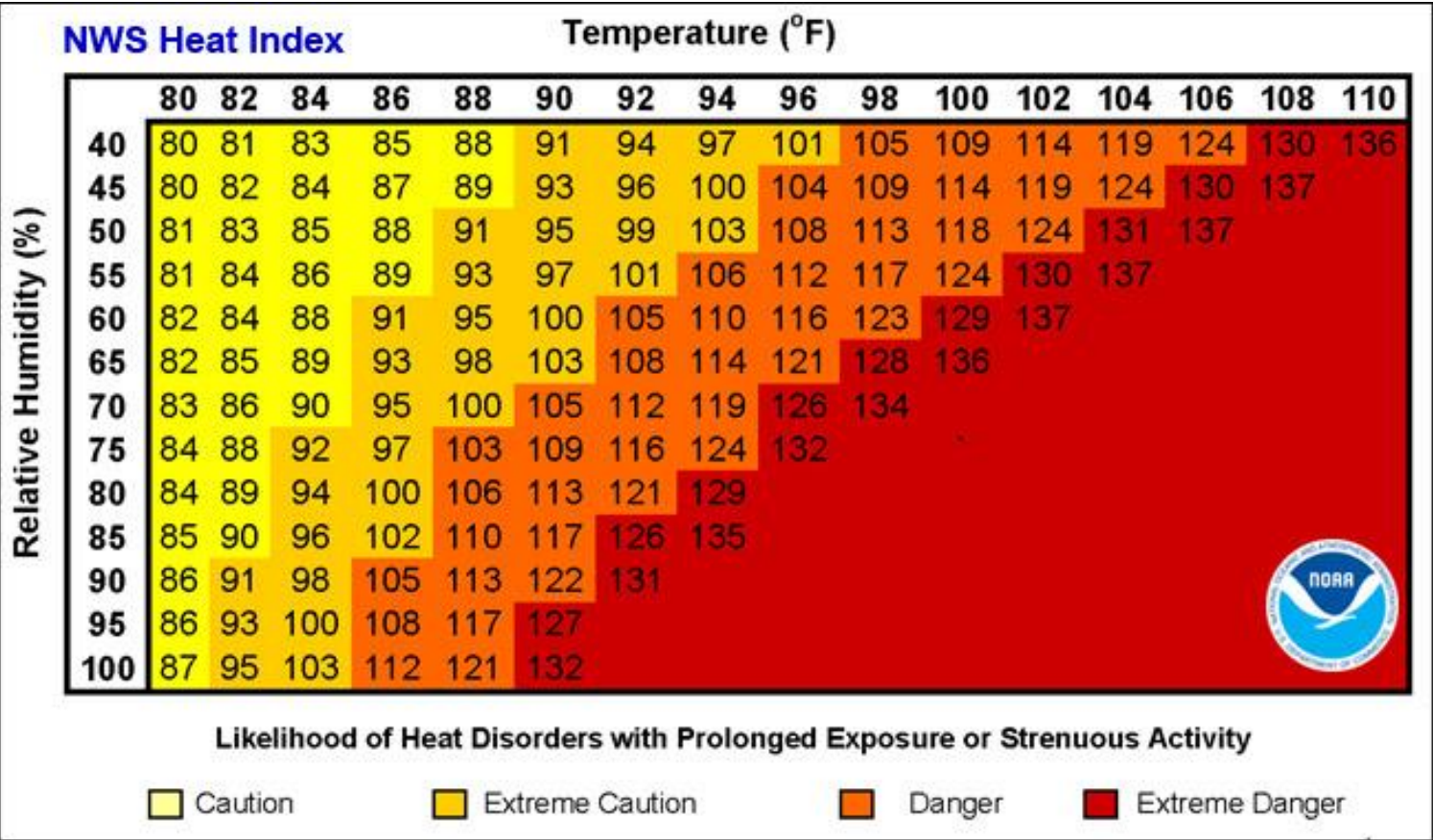
National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
New York, NY



NWS Heat Index and Effects

The heat index is a measure of how hot it really feels when relative humidity is factored in with air temperature. You can use this chart to find the heat index yourself. For more information on Heat Safety, please go to: <https://www.weather.gov/safety/heat>



Classification	Heat Index	Effect on the body
Caution	80°F - 90°F	Fatigue possible with prolonged exposure and/or physical activity
Extreme Caution	90°F - 103°F	Heat stroke, heat cramps, or heat exhaustion possible with prolonged exposure and/or physical activity
Danger	103°F - 124°F	Heat cramps or heat exhaustion likely, and heat stroke possible with prolonged exposure and/or physical activity
Extreme Danger	125°F or higher	Heat stroke highly likely





Practice HEAT SAFETY Wherever You Are

Heat related **deaths** are preventable.
Protect yourself and others from the
impacts of heat waves.

 [weather.gov/heat](https://www.weather.gov/heat)



Job Sites

Stay hydrated and
take breaks in the shade
as often as possible



Indoors

Check up on the
elderly, sick and those
without AC



Vehicles

Never leave kids or
pets unattended -
LOOK before you LOCK



Outdoors

Limit strenuous outdoor
activities, find shade,
and stay hydrated

https://www.weather.gov/wrn/heat_infographics

