



Continued Heat and Thunderstorm Chances

July 16, 2024
5:06 PM

Key Messages

- One more day of high heat and humidity will continue on Wednesday with heat indices approaching or exceeding 100°F. Heat advisories continue for most of the area through Wednesday evening.
- Scattered thunderstorms, some severe, are possible during the afternoon and evening hours on Wednesday.

HAZARDS & IMPACTS

Max Heat Indices:

- Wednesday:** Mid 90s to low 100s in advisory area.
- Timing:** Max heat indices occur between noon and 6 PM.
- Impacts:** There is an increased risk of heat-related illness for vulnerable populations with this event.

Thunderstorm Potential:

- Scattered thunderstorms, some severe, are possible during the late afternoon and evening on Wednesday. The primary threat is damaging wind gusts in excess of 60 mph and torrential downpours with any thunderstorm.



Excessive Heat

■ Excessive Heat Warning
■ Heat Advisory



Graphic Created
July 16th, 2024
5:01 PM EDT

NWS ALERTS

Heat Advisory:

- All locations except the south fork of Long Island and coastal New London County in CT through Wednesday evening.

Rip Current Risk:

- There is a high risk of rip currents at ocean facing beaches on Wednesday.

ADDITIONAL DETAILS

- Some relief on Thursday as heat indices will max out in the mid and upper 80s.

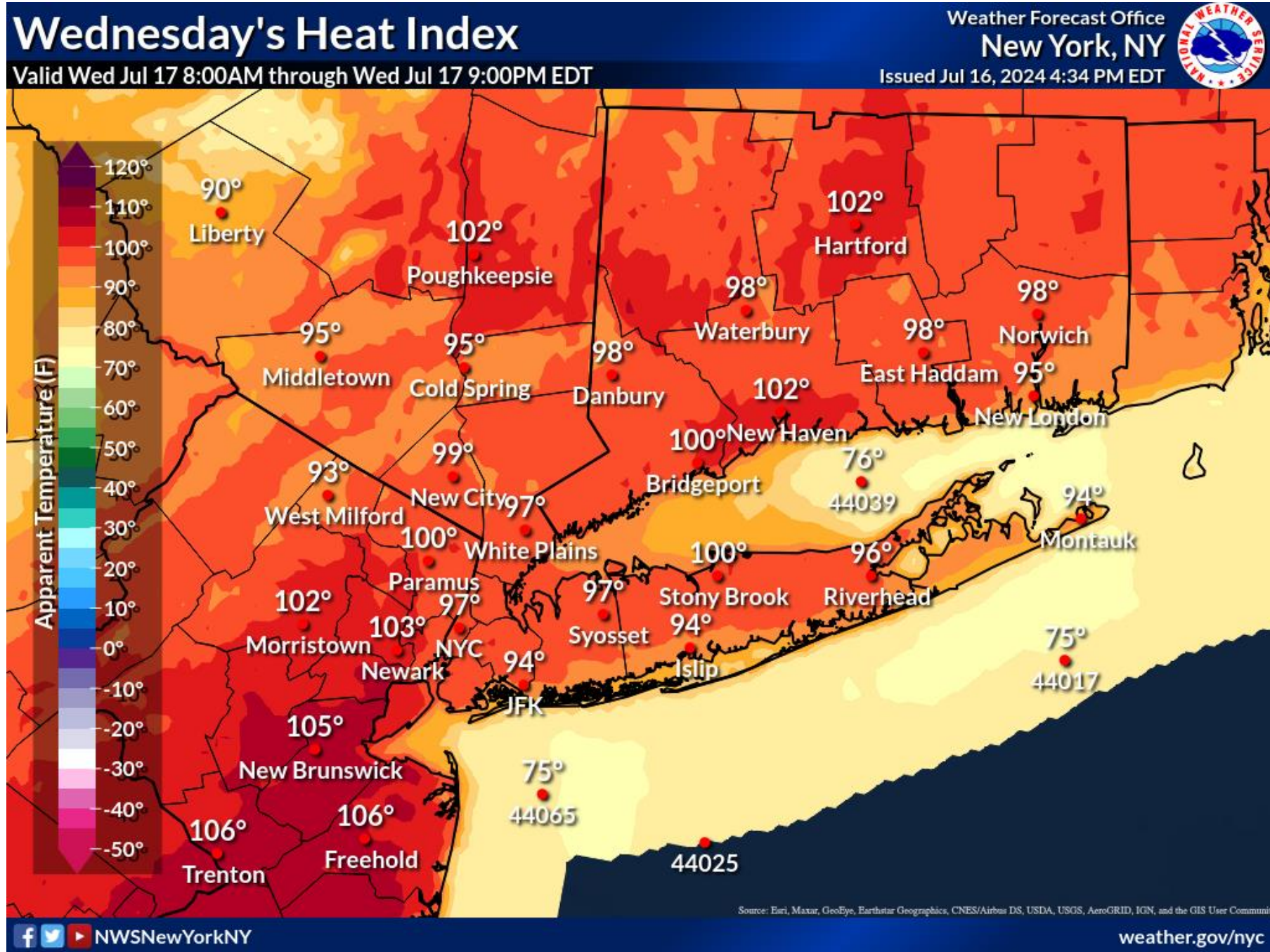
NEXT BRIEF

This will be the last briefing unless significant changes to the forecast occur.



Maximum Heat Index

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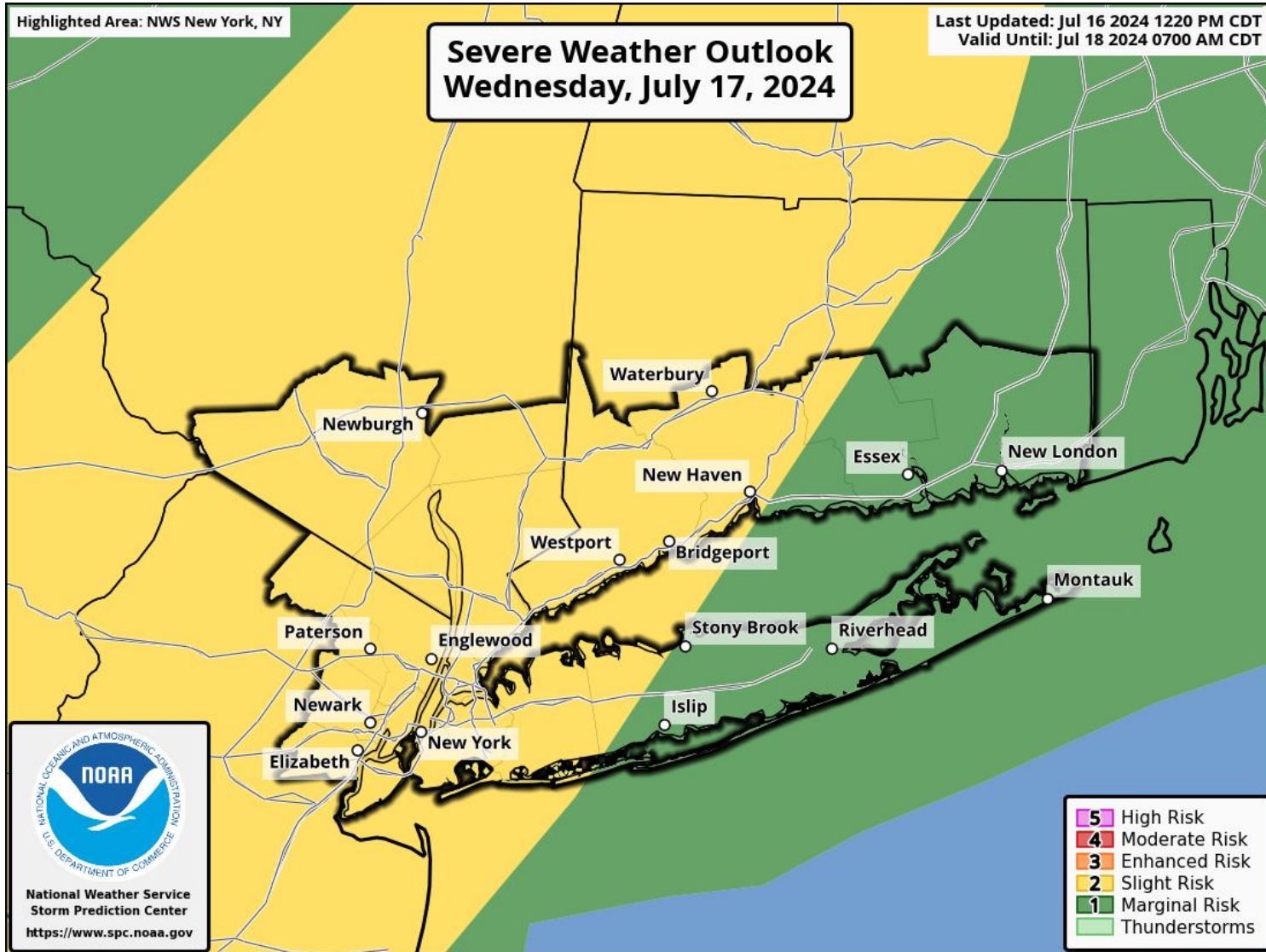




Severe Thunderstorms Outlook

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Wednesday July 17th



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	None to Numerous	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	None to Numerous	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	None to Numerous	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	None to Numerous	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	None to Numerous	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	None to Numerous	Very intense storms your area may only experience once or twice in a lifetime	Tornado of at least EF-2 rating