

# High Heat Continues; Scattered Storms on Thursday



## OVERVIEW

- Hot and humid conditions will combine to produce maximum heat index values ranging from the mid 90s to the low 100s on Thursday. There continues to be a chance of scattered to isolated thunderstorms on Thursday.

### HAZARDS & IMPACTS

**Heat** – Max heat indices of 95 to 104 on Thursday. Low temperatures will range mostly in the mid to upper 70s, with mostly lower 70s in the outlying suburbs which will not allow for much cooling off at night.

**Timing** – Between noon and 8 pm Thursday.

**Impacts** – There is an increased risk of heat-related illness for vulnerable populations with this event.

**Severe Weather Threat on Thursday** – There is a chance for scattered to isolated thunderstorms. Any storms are most likely to move through between 12 pm and 6 pm. A few storms may be strong to severe and may contain strong to damaging winds, and hail up to one inch in diameter.

### NWS ALERTS

- A **Heat Advisory** is in effect Thursday for the entire area.
- The heat advisory has been extended through Sunday for Metro NE NJ and NYC.
- Additional heat headlines and possible expansion may be needed for Saturday and Sunday.

### NEXT BRIEFING

- By 6pm Thursday, but sooner if there are significant changes to the forecast.



## Excessive Heat



Graphic Created  
July 20th, 2022  
4:24 PM EDT



New York, NY  
WEATHER FORECAST OFFICE

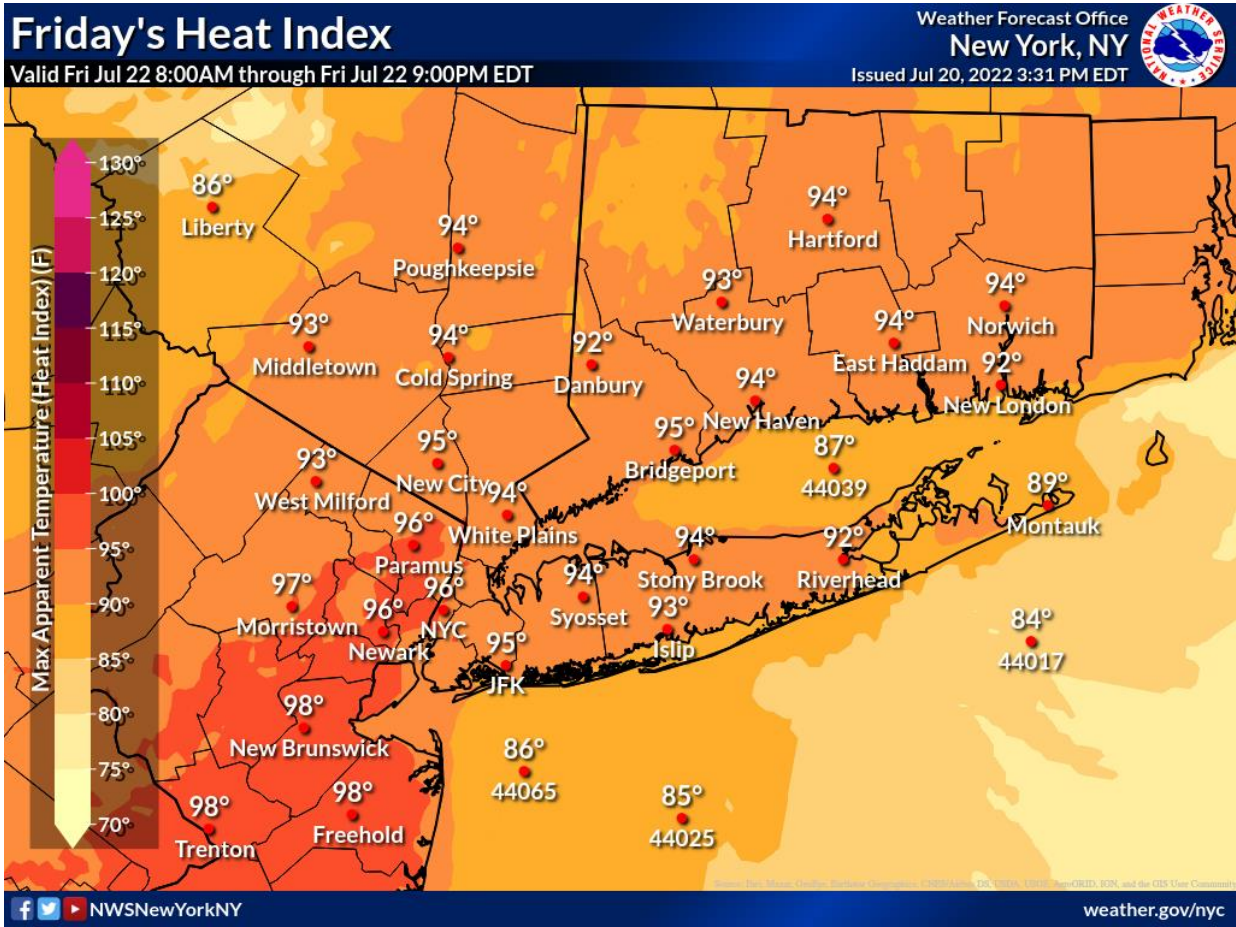




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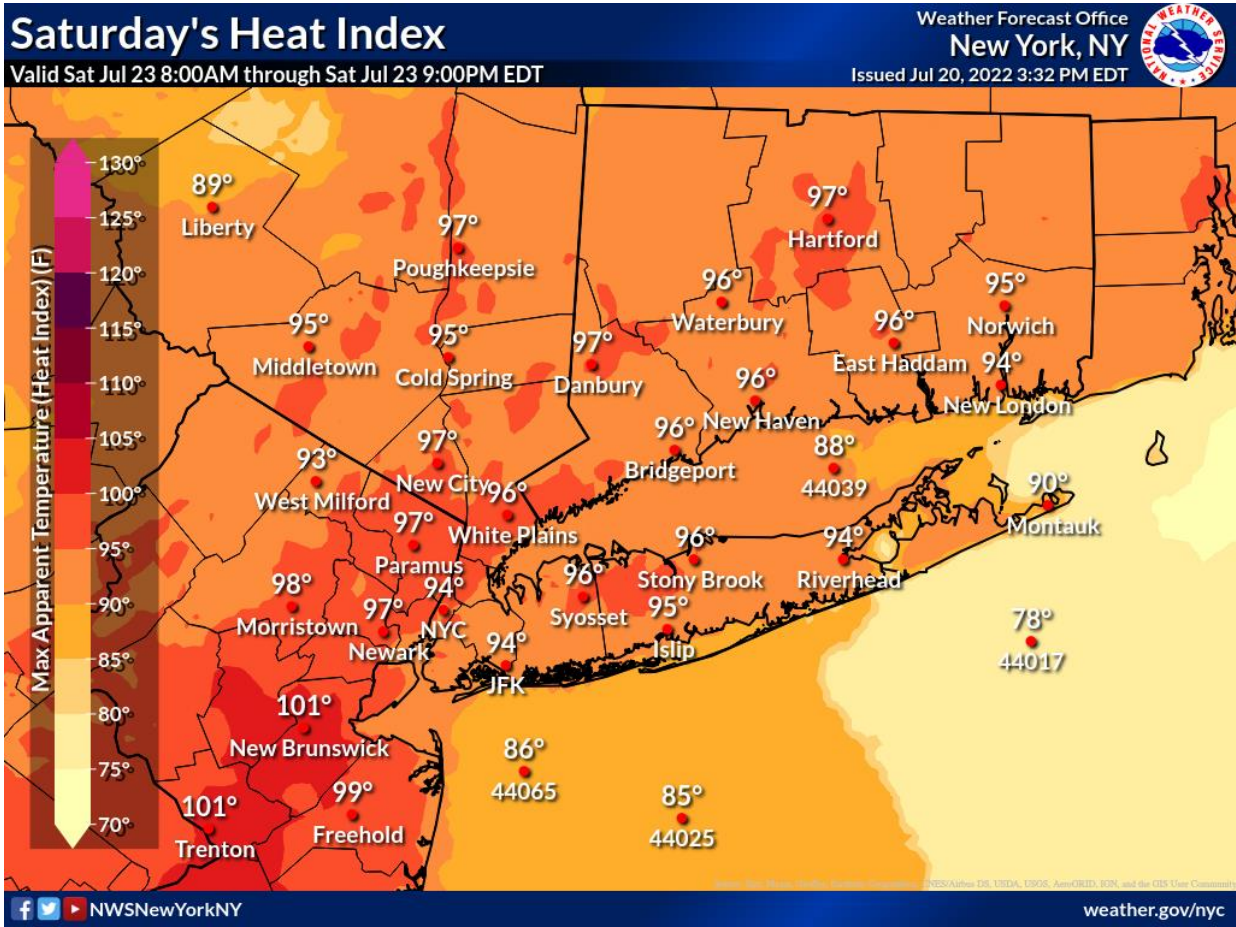




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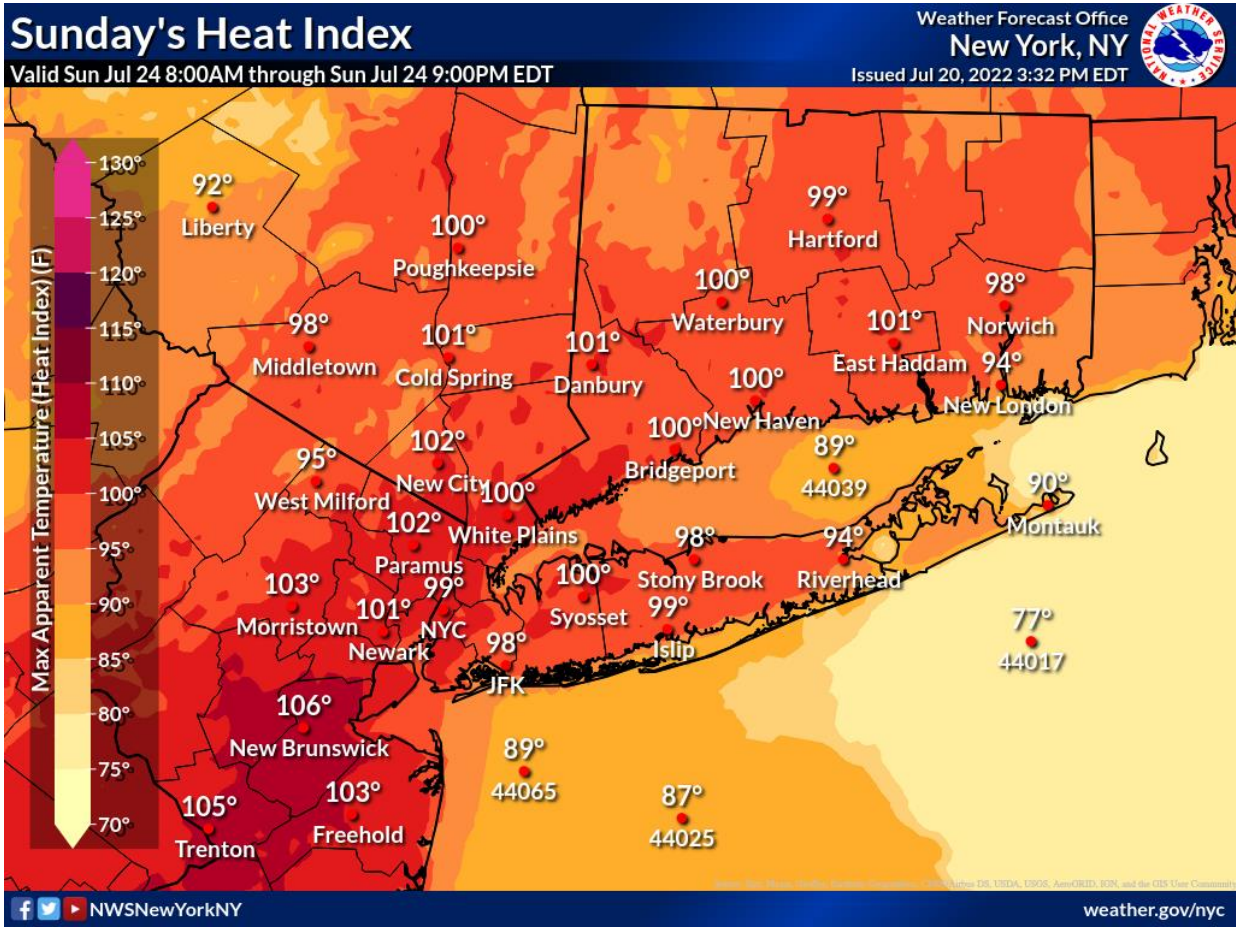




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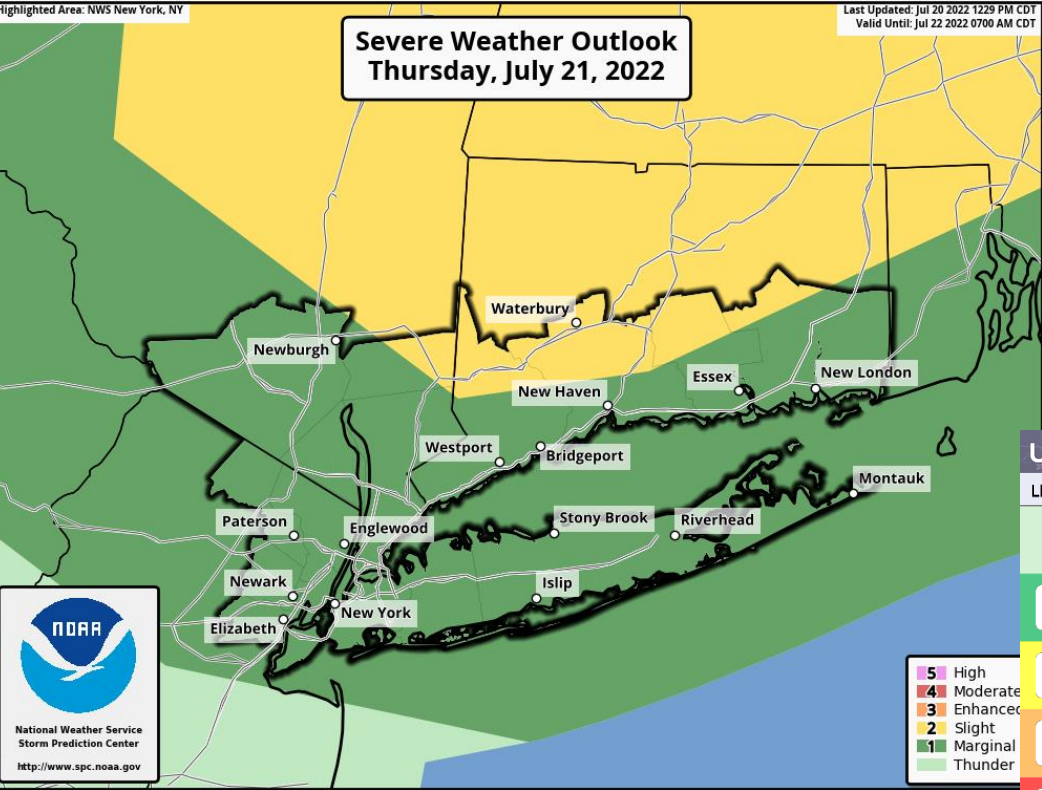




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## Understanding Severe Thunderstorm Outlook Categories

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	Numerous	<b>Severe Storm</b> 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	Numerous	
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	Numerous	
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	Numerous	<b>Significant Severe</b> 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	None	Numerous	
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	Numerous	