

Heat Wave Continues Through Late Week

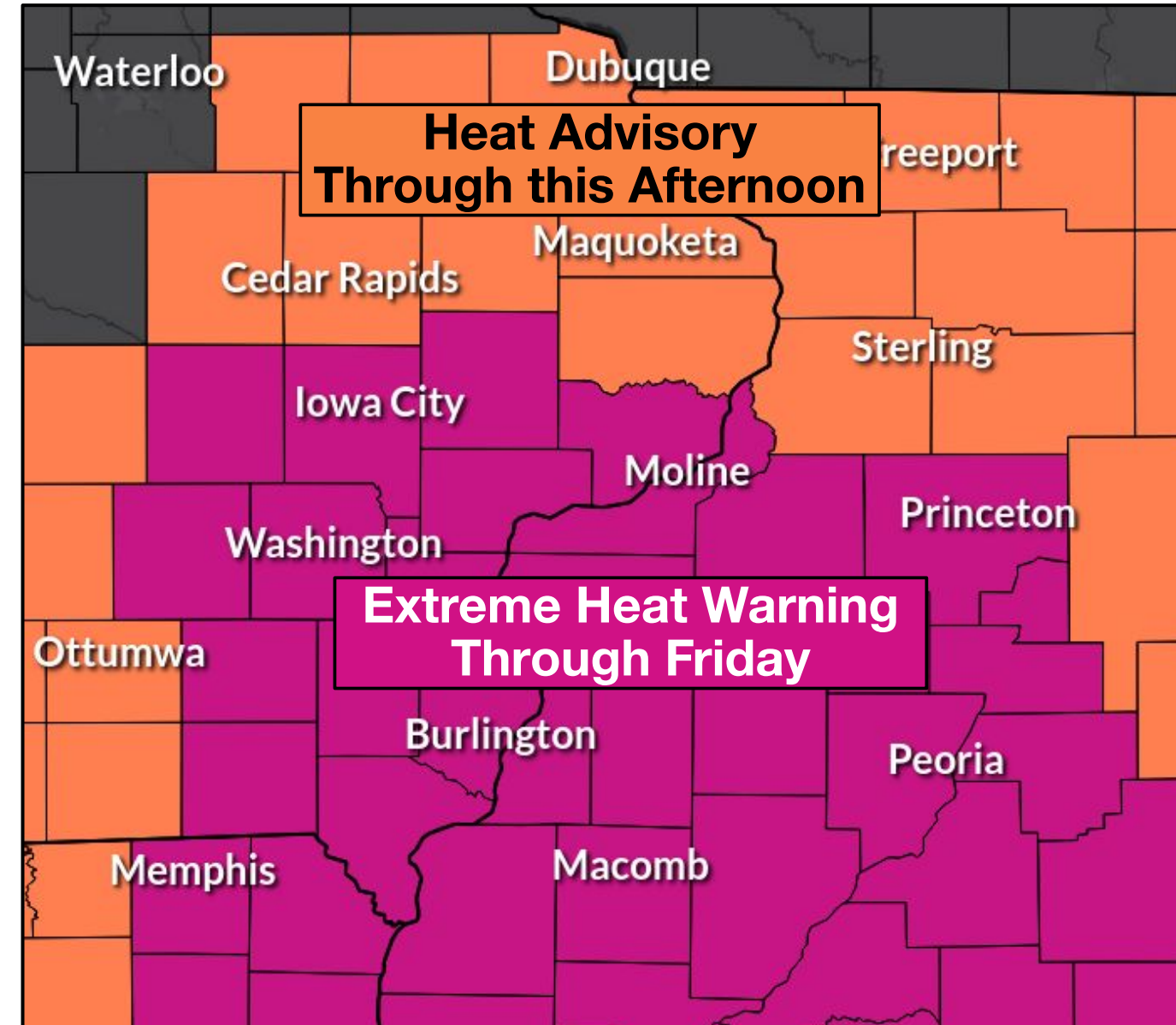
September 3, 2026

3:40 AM

Impactful late season heat with little relief at night

Key Messages

- **Extreme Heat Warning** remains in effect along/south of I-80 through Friday for a **several day duration of peak heat indices of 100-110°**, with little reprieve at nights (lows 70°+).
- **Heat Advisory** in effect north of I-80 through this afternoon for **peak afternoon heat indices of 100 to 105°**.
 - Isolated thunderstorm influences are possible far north today, and north of I-80 on Friday; cannot rule out a couple severe storms.
- Important to demonstrate heat safety, especially for outdoor events including after school activities.



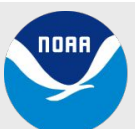
NEW

What Has Changed

- Forecast and headlines remain consistent.

Next Scheduled Update

- By 3 PM this afternoon.



National Oceanic and
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Quad Cities, IA/IL



Forecast Confidence

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Added insight regarding ongoing heat and thunderstorm potential

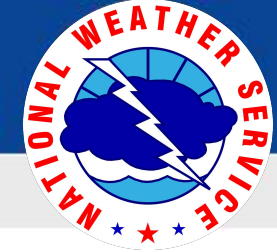
What We Know (*High Confidence*)

- Dangerous heat due to its duration continuing today and for at least along/south of I-80 into Friday, with little reprieve tonight.
- Scattered t-storm potential along & north of U.S. Highway 30 on Friday and Friday night.
- Still warm and humid Saturday though less so than recent days, especially over the Illinois portion of the area. Further improvement in the heat area-wide on Sunday and Labor Day.

What is Uncertain (*Lower Confidence*)

- Any isolated storms and effects to the heat today near U.S. Highway 20, and then on Friday for north of I-80 due to potential Friday morning storms.
- Whether any storms in our area Friday afternoon and night.
- If heat headlines will be needed for portions of Iowa and Missouri on Saturday.





Heat Index Forecast through Friday

September 3, 2026
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Heat Index = Combined temperatures & humidity

Heat Index

This combination of highs in the lower to mid 90s and high humidity means heat-related illnesses can easily occur, especially prone are those outside for longer duration or sensitive to heat.

Any Wind?

South 7-10 mph this afternoon and Friday afternoon; overall little reprieve.

Uncertainty

Any thunderstorm or cloud effects near U.S. Highway 20 today and north of I-80 on Friday.

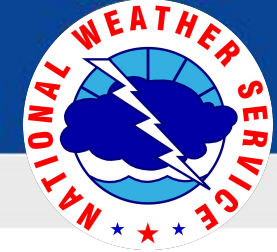
Heat Safety

Hydrate & take frequent breaks inside if needing to be outside for an extended duration.

Do not leave children or pets inside cars.

	9/3 Thu					9/4 Fri								
	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am
Burlington	90	101	105	105	88	83	79	78	85	98	102	103	90	78
Cedar Rapids	79	94	100	98	83	78	76	75	79	96	103	103	86	78
Clinton	84	97	102	99	85	79	77	75	83	97	102	103	86	77
Davenport	86	99	105	102	90	85	83	78	86	100	103	103	90	84
Dubuque	78	93	101	99	85	79	77	74	78	94	103	102	86	76
Freeport	77	93	99	98	78	76	74	73	77	95	102	102	79	75
Independence	76	90	99	98	79	77	75	73	77	94	103	102	85	76
Iowa City	85	99	105	102	88	83	78	76	85	100	105	102	89	79
Macomb	87	100	106	105	88	85	79	77	85	99	103	103	89	79
Maquoketa	78	94	99	95	83	77	75	74	78	93	100	100	79	76
Memphis	88	101	107	102	87	83	77	77	86	101	103	102	89	78
Moline	86	100	105	102	90	85	83	78	85	101	105	105	91	84
Princeton	85	99	101	98	85	79	77	76	83	97	101	100	86	78





Forecast Wet Bulb Globe Temperatures

September 3, 2026
3:40 AM

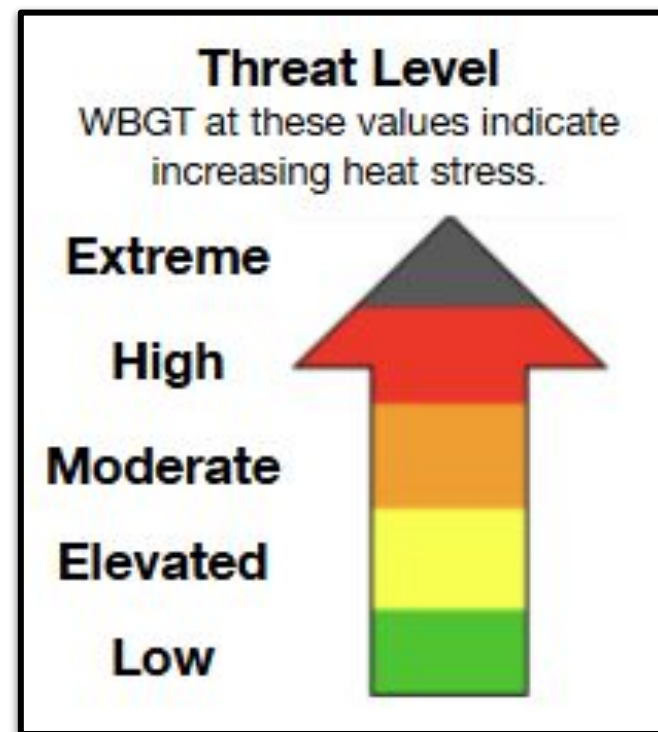
Visit weather.gov/forecastpoints for your local forecast

9/3
Thu

	9am	10am	11am	12pm	1pm	2pm	3pm	4pm	5pm	6pm	7pm	8pm	9pm	10pm
Burlington	79	82	85	87	89	89	88	87	86	85	83	80	78	77
Cedar Rapids	77	79	82	84	86	86	86	85	84	83	80	77	76	76
Clinton	78	80	83	86	87	87	87	86	85	83	82	78	77	76
Davenport	78	81	84	86	87	88	88	87	85	84	83	80	78	78
Dubuque	76	78	82	83	84	86	86	85	84	83	81	78	76	76
Freeport	75	78	81	84	85	85	85	85	83	82	80	78	76	75
Independence	74	77	80	82	84	85	85	85	84	82	80	77	75	74
Iowa City	77	81	84	86	88	89	88	86	86	84	83	80	78	77
Macomb	78	81	84	87	89	89	88	87	86	85	84	79	78	77
Maquoketa	77	79	82	84	85	86	85	84	83	81	79	76	75	74
Memphis	78	82	84	87	88	89	89	87	86	84	82	79	77	76
Moline	78	81	84	87	87	89	88	87	86	84	83	81	79	78
Princeton	77	81	84	86	87	87	86	85	84	83	82	78	77	76

What is Wet Bulb Globe Temperature?

Measures heat stress in direct sunlight, taking many factors into account such as temperature, relative humidity, wind, cloud cover, and sun angle. If you work or exercise in direct sunlight, this can be a good index to monitor.



National Weather Service
Quad Cities, IA/IL



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Friday's Forecast Details

September 3, 2026

3:40 AM

Heat & thunderstorm chances

Key Messages

- Continued impactful heat for most if not all of the area.
- **Very Late Tonight & Friday Morning:** Potential for scattered storms (15-30%) mainly north of I-80 that, if they occur, would slightly temper the heat.
- **Friday Afternoon & Night:** Low confidence whether scattered storms can redevelop, and if so mainly along/north of I-80.
- Any storms could be marginally severe, with risks being:



Localized Strong Winds
Capable of downing tree limbs



Lightning

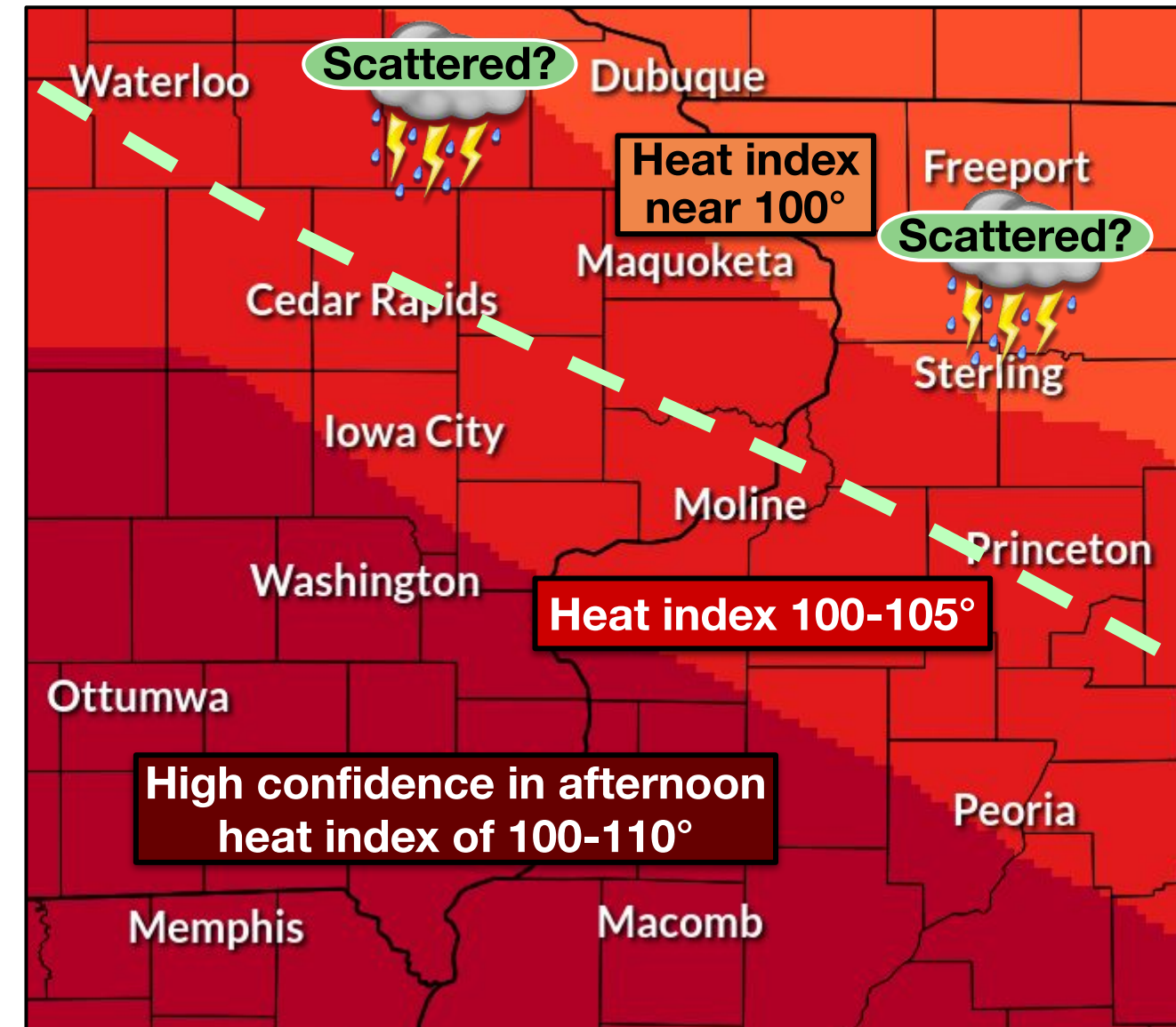


Slow-Moving with Locally Heavy Downpours
Temporarily reducing visibility for motorists

Actions

- Review heat safety plans for outdoor events & consider action.
- Stay tuned for refinements on thunderstorm forecast.

Friday Forecast Heat Indices



Severe Threat:

0

1

2

3

4

5

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Seasonably Warm Holiday Weekend

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Any thunderstorms if they were to occur would likely be spotty

Photo: A. Gray

Saturday

Humid

85-90° North of I-80

90-95° South of I-80



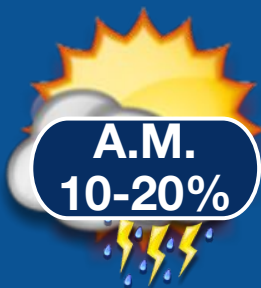
Sat Night



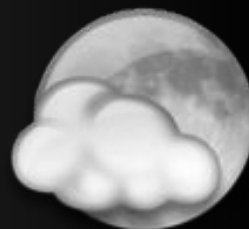
65-71°

Sunday

83-89°



Sun Night



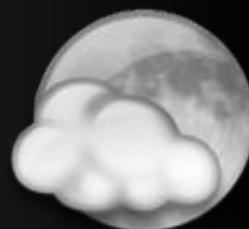
62-68°

Labor Day

82-89°



Mon Night



65-70°

National Weather Service
Quad Cities, IA/IL

HELPING OTHERS: **EXTREME HEAT**



NEVER leave anyone (or pets) alone in a locked car



Monitor others exercising or playing sports, ensuring frequent breaks



Bring water to outdoor activities to keep everyone hydrated



weather.gov

[Heat Safety](#)

