

Heat Wave Continues Through Late Week

September 2, 2026
3:48 AM

Dangerous heat with little relief at night

Key Messages

- **Extreme Heat Warning** in effect along/south of I-80 through Friday, for **peak heat indices of 100-105°+** and also due to the long duration (4+ days) with heat indices at or above 100°.
- **Heat Advisory** in effect north of I-80 through Thursday for **peak heat indices around 100°**.
- Occasional chances for showers and thunderstorms from late tonight into Friday, mainly north of Interstate 80. This could help temper the heat for some areas.

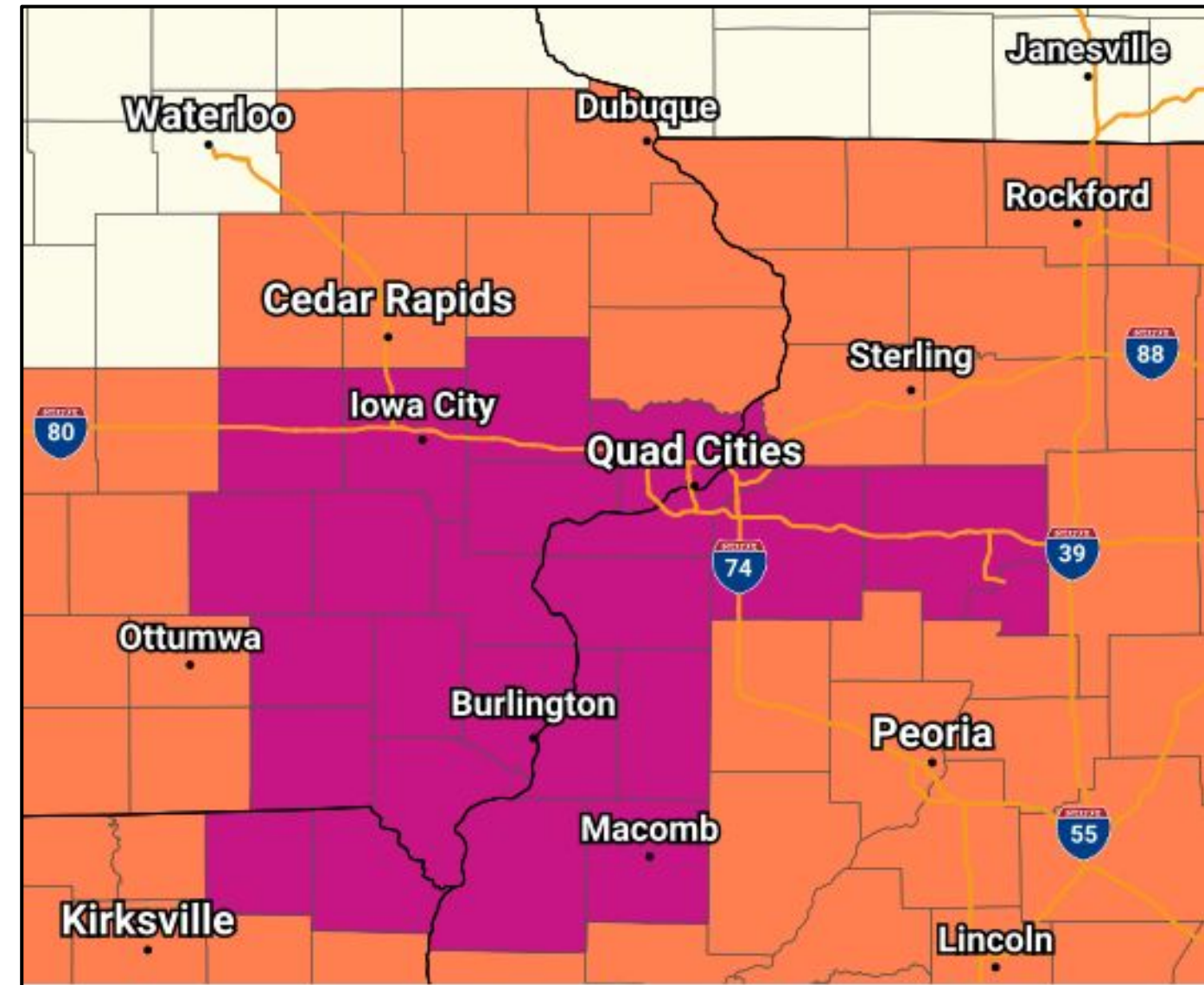
NEW

What Has Changed

- An **Extreme Heat Warning** is now in effect along/south of I-80 and the headline has been extended through Friday.

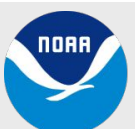
Next Scheduled Update

- By 4 PM Today



Extreme Heat Warning

Heat Advisory



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

National Weather Service
Quad Cities, IA/IL



Hot and Humid into Late Week

September 2, 2026

3:48 AM

Extreme Heat Warning in effect through Friday, Heat Advisory through Thursday for our outlook area

Key Messages



Forecast High Temps

90° to 97°

Peak Heat Indices

Upper 90s to 105°+

Increased risk for heat related illnesses for those working or recreating outside; limited relief overnight with temperatures only falling into the low to mid 70s.



Timing: Worst conditions during the afternoon and early evening.

Actions



STAY COOL-SEEK INDOOR SHELTER



WORKING OUTDOORS? TAKE FREQUENT BREAKS!

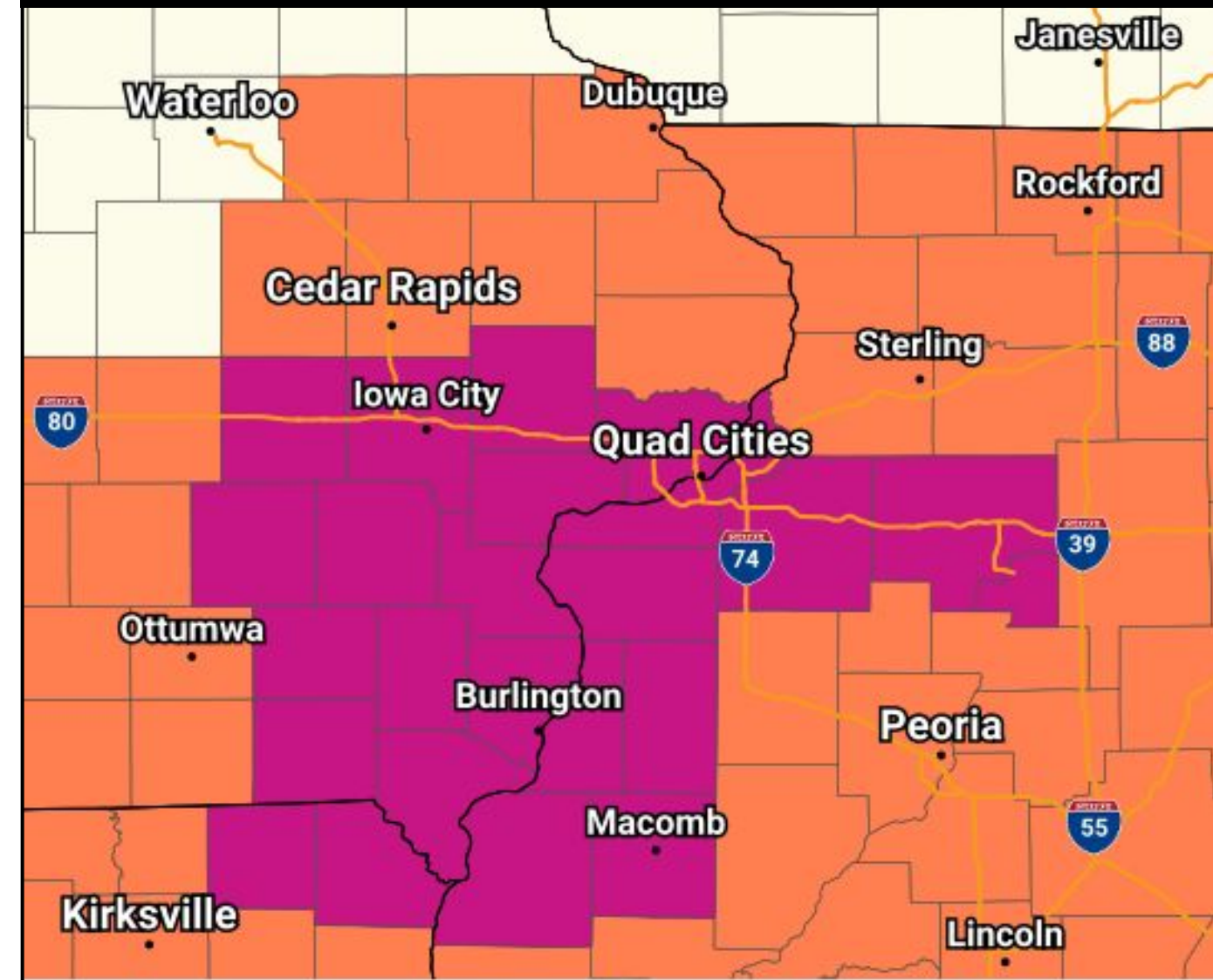


NEVER LEAVE A CHILD OR PET ALONE IN A CAR!



STAY HYDRATED-DRINK PLENTY OF WATER!

Heat Headlines Through Late Week



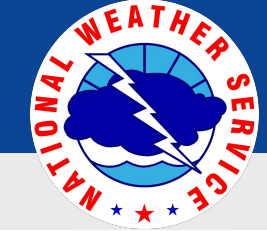
Extreme Heat Warning

Heat Advisory



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Heat and Thunderstorm Confidence

September 2, 2026

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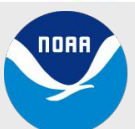
Forecaster insight regarding dangerous heat and the potential for thunderstorms

What We Know

- High confidence on dangerous heat continuing today and for portions of the area on Thursday, with peak heat indices between **100 - 105°+**.
- Little relief overnight with lows staying in the 70s through Thursday night.
- Increasing chances for scattered thunderstorms at times Thursday through Friday (9/3 - 9/4), with an isolated severe potential.
- Hot & humid conditions likely for parts of the area Friday and Saturday (9/4 - 9/5), most favored south of Highway 30.

What is Uncertain

- Scattered thunderstorms and associated cloud cover could impact temperatures and peak heat indices Thursday and Friday (9/3 - 9/4), especially north of I-80.
- Timing and coverage of late week storms.
 - **Late Tonight - Thursday**
20 - 40% mainly north of I-80
 - **Thursday Night - Friday**
20 - 50% mainly north of Highway 34





Heat Index Forecast Today through Friday

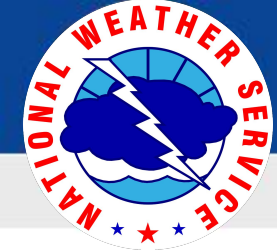
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Peak heat index values in the upper 90s to lower 100s each day

	9/2 Wed						9/3 Thu						9/4 Fri									
	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm	12am	3am	6am	9am	12pm	3pm	6pm	9pm
Burlington	78	94	101	102	99	87	83	79	83	96	102	103	102	92	83	79	79	94	101	102	101	90
Cedar Rapids	74	90	98	100	97	84	78	77	75	91	100	101	97	84	76	75	76	90	98	102	99	86
Clinton	76	92	100	102	100	85	78	76	77	93	100	102	101	87	78	76	75	90	99	102	100	87
Davenport	78	93	99	101	97	88	83	78	78	96	102	103	101	89	78	77	78	92	99	103	102	89
Dubuque	75	89	96	100	97	85	77	76	76	88	97	98	97	87	77	76	75	87	97	101	98	86
Fairfield	76	96	100	102	98	88	84	78	79	99	103	103	103	89	79	77	78	96	103	103	102	88
Freeport	75	91	99	101	98	84	78	74	75	90	98	99	96	79	75	74	74	86	96	100	99	79
Independence	73	88	96	98	97	78	76	74	73	89	98	99	96	79	76	75	74	90	99	100	98	79
Iowa City	75	93	100	101	99	87	79	77	78	96	102	103	102	88	83	78	77	94	101	103	101	88
Macomb	78	95	99	100	98	87	84	79	83	98	102	102	101	88	83	79	79	97	102	103	102	88
Maquoketa	76	90	97	100	97	83	77	75	76	90	97	99	96	79	77	75	75	86	95	98	97	84
Memphis	79	94	101	102	98	87	83	77	79	97	102	103	102	87	79	77	79	97	102	105	101	90
Moline	78	95	101	104	101	90	83	78	79	97	105	106	105	89	78	77	78	93	102	106	105	89
Princeton	76	94	101	101	96	85	83	78	77	94	100	101	97	84	76	75	76	90	98	99	98	86
Sterling	76	94	102	105	100	86	79	77	76	95	101	103	102	86	77	76	75	92	100	103	102	87

Due to low temperatures in the low to mid 70s and high humidity, little relief is expected overnight, resulting in additional heat stress.





Forecast Wet Bulb Globe Temperatures

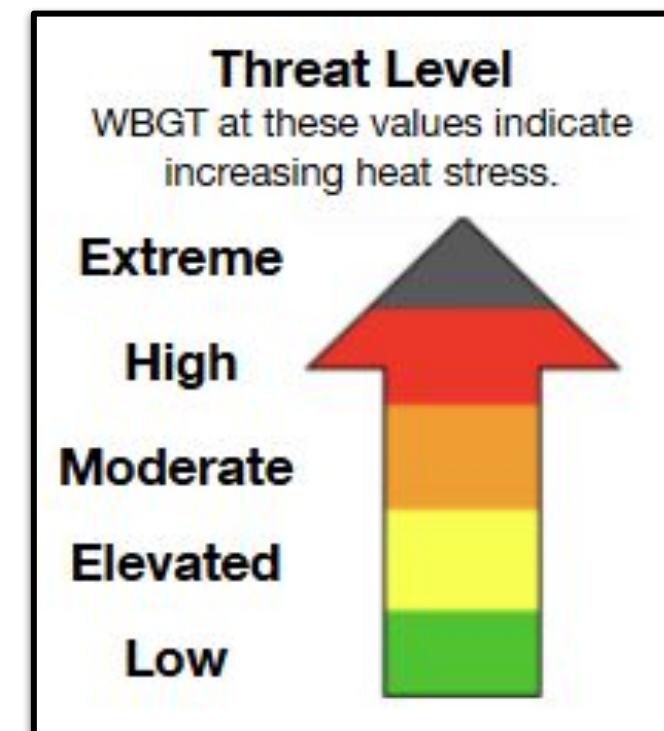
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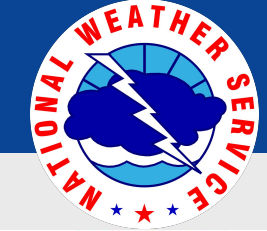
Don't see your location? Visit weather.gov/forecastpoints for your local forecast!

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

What is the 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.





Isolated Severe Storms Possible Late Week

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Marginal Risk (level 1 of 5) for severe weather on Thursday and Friday (9/3 - 9/4)

Key Messages

- Storm coverage is likely to be limited (<20% along/north of Highway 20) through at least early tonight, focused more north of our outlook area into Minnesota and Wisconsin.
- There is potential for clusters of storms to **impact locations mainly along and north of the I-80 corridor late tonight through Friday**; however, confidence on exact timing and coverage remain low.

Primary Risks



Damaging Winds

Capable of downing tree limbs



Frequent Lightning



Locally Heavy Downpours

Severe Threat:

0

1

2

3

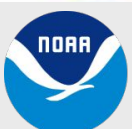
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5



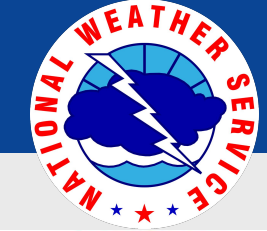
Actions

- Stay tuned for updates.
- Seek shelter indoors if you see lightning or hear thunder!



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Heat Safety Reminders

September 2, 2026
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Very hot start to September with highs in the 90s for much of the area!

Heat can escalate quickly.

Warm temperatures can quickly become dangerous. Heat is one of the most deadly weather hazards — don't underestimate it.



NEVER leave people or pets alone in a closed car



Drink plenty of water, even if you don't feel thirsty



Wear loose-fitting, light-colored clothing



Spend time in air conditioning and in the shade



weather.gov



STAY INDOORS **DURING HEAT WAVES**



Stay indoors in **air conditioning** whenever possible. If your home doesn't have AC, check if your area has a cooling center.



Remain hydrated by drinking **water** and avoiding alcohol.



Check on those **most vulnerable** to heat, including children and the elderly.



If you must go outdoors, go early or late in the day, and dress in light-colored clothing.

Heat Safety Tips



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Heat Exhaustion | Heat Stroke

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Heat Exhaustion

ACT FAST

- Move to a cooler area
- Loosen clothing
- Sip cool water
- Seek medical help if symptoms don't improve

Dizziness

Thirst

Heavy Sweating

Nausea

Weakness



Heat Stroke

ACT FAST

CALL 911

- Move person to a cooler area
- Loosen clothing and remove extra layers
- Cool with water or ice

Confusion

Dizziness

Becomes Unconscious

Heat exhaustion can lead to heat stroke.

Heat stroke can cause death or permanent disability if emergency treatment is not given.

During hot and humid weather, your body's ability to cool itself is challenged in ways you may not expect. When your body heats too rapidly, or when too much fluid or salt is lost through dehydration or sweating, you may experience a heat-related illness. Stay Weather-Ready by learning the symptoms of high heat exposure and the appropriate responses.



Stay Cool, Stay Hydrated, Stay Informed!

