

## Extreme Heat in Kane County

Extreme heat is a long period (2 to 3 days) of high heat and humidity with temperatures above 90 degrees.

By 2050, Kane County is expected to experience 17 more days per year that reach above 95°F and an increase of 3°F in average annual temperatures.

High temperatures can cause heat exhaustion, leading to heat stroke if left untreated.

Extreme heat can also cause dehydration, leading to kidney damage, seizures, and even coma.

### FEMA Expected Loss Table for Extreme Heat Events in Kane County

FEMA EXPECTED ANNUAL LOSS TABLE FOR EXTREME HEAT EVENTS					
Annualized Frequency	Building Value	Population Equivalence	Agriculture Value	Total	Expected Annual Loss Rating
0.8 events per year	\$11,269	\$1,365,267	\$8,554	\$1,385,091	Relatively Moderate

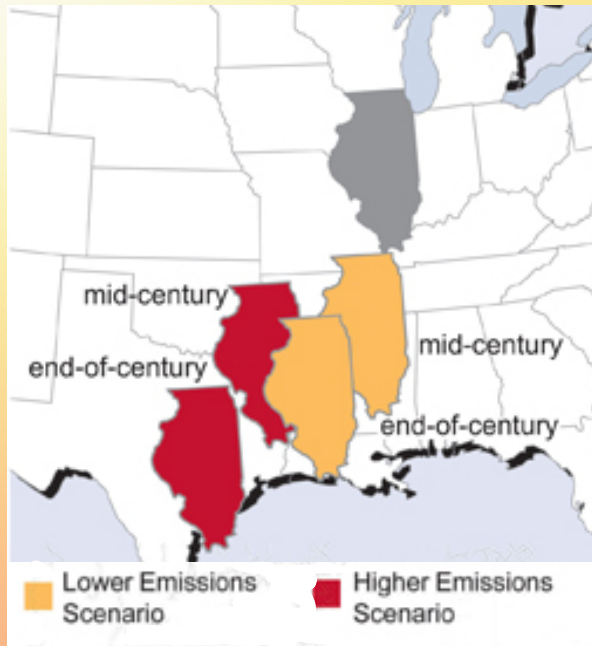
[hazards.fema.gov/nri/expected-annual-loss](https://hazards.fema.gov/nri/expected-annual-loss)

## Contact Us

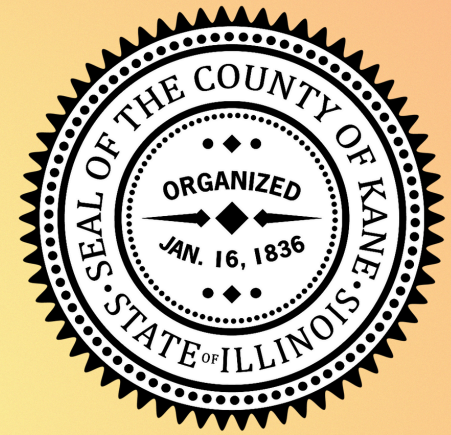
Environmental and Water Resources

630-232-3497

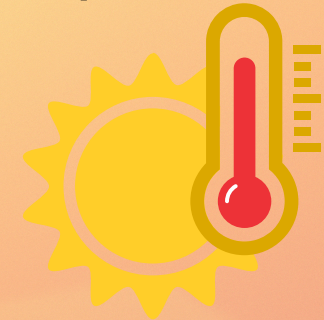
Kane County Government Center, 719 Batavia Avenue, Building A, Geneva, IL 60134



Projected change in summer temperatures under different warming scenarios. By the end of the century, summers in Illinois might feel like current summers in Texas or Oklahoma. Source: USGCRP (2009)



## Kane County's Guide to Extreme Heat Preparedness



**DID YOU KNOW?**  
33% of households in Kane County are susceptible to minor heat risks and 67% to major heat risks

<https://www.ready.gov/>



# BE PREPARED

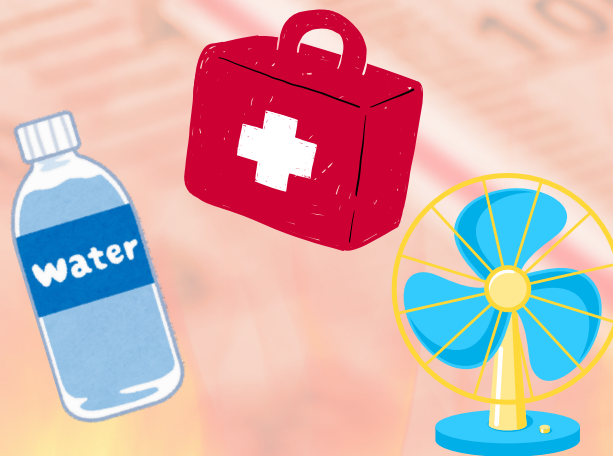


- Learn how to stay hydrated
- Gather emergency supplies
  - ice packs, fresh water, change of clothes, first aid kit
- Make a plan to stay cool
- Learn emergency skills
- Stay connected by monitoring local news or signing up for weather emergency alerts
- Cover up windows
- Weather strip doors and windows

<https://www.redcross.org/get-help/how-to-prepare-for-emergencies/types-of-emergencies/extreme-heat-safety.html>

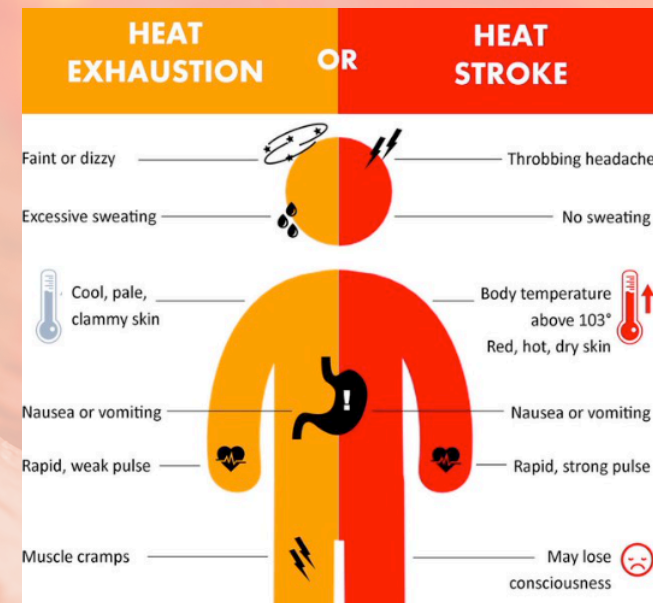
# DURING A HEAT EVENT

- Stay hydrated by drinking plenty of fluids and avoid coffee and alcohol
- Stay cool by wearing lightweight clothes, limiting outdoor activity, and staying in air-conditioned spaces if possible
- If unable to be in an air conditioned environment, check the website below for information on where you can cool down
- If you see signs of heat stroke, call 911 immediately

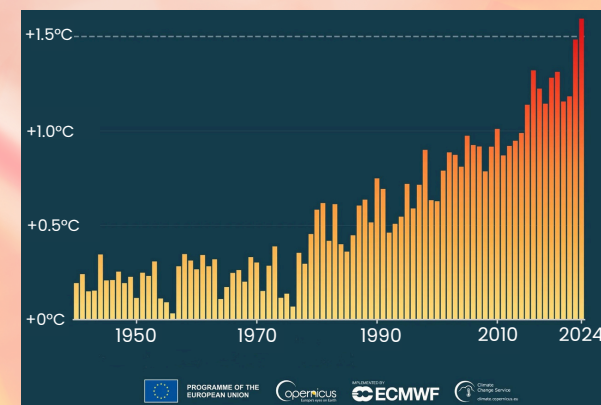


For more information about Warming and Cooling Centers, visit: <https://www.kanehealth.com/Pages/Warming-Cooling-Centers.aspx>

# KNOW THE SIGNS



For more information on heat-related illnesses visit: <https://www.weather.gov/safety/heat-illness>



**2024 was officially the hottest year since global records began in 1850 and the first year above 1.5°C**