

## **PRESS RELEASE**

For Immediate Release

Contact: Jeff McMaster, Fire Chief

(815) 748-8460

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### **Extreme Heat... Are You Prepared?**

Very hot and humid conditions are in the forecast. These hot and humid conditions may lead to an increased risk of heat related stress and illness, particularly for the very young, the elderly, and those participating in strenuous outdoor activities.

Heat kills by pushing the human body beyond its limits. In extreme heat and high humidity, evaporation is slowed, and the body must work extra hard to maintain a normal temperature. Most heat-related illnesses occur because the victim has been overexposed to heat or has over-exercised for his or her age and physical condition. Older adults, young children, and those who are sick or overweight are more likely to succumb to extreme heat.

Conditions that can induce heat-related illnesses include stagnant atmospheric conditions and poor air quality. Consequently, people living in urban areas may be at greater risk from the effects of a prolonged heat wave than those living in rural areas. Also, asphalt and concrete store heat longer and gradually release heat at night, which can produce higher nighttime temperatures known as the “urban heat island effect.”

## **KNOW THE TERMS**

Familiarize yourself with these terms to help identify an extreme heat hazard:

- **Heat Wave** - Prolonged period of excessive heat, often combined with excessive humidity.
- **Heat Index** - A number in degrees Fahrenheit (°F) that tells how hot it feels when relative humidity is added to the air temperature. Exposure to full sunshine can increase the heat index by 15 degrees.
- **Heat Cramps** - Muscular pains and spasms due to heavy exertion. Although heat cramps are the least severe, they are often the first signal the body is having trouble with the heat.

### **DeKalb Fire Department**

700 Pine Street

DeKalb, Illinois 60115

815.748.8460 phone

815.748.8497 fax

[www.cityofdekalb.com/DFD.htm](http://www.cityofdekalb.com/DFD.htm)

[www.facebook.com/dekalbfire](https://www.facebook.com/dekalbfire)

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- **Heat Exhaustion** - Typically occurs when people exercise heavily or work in a hot, humid place where body fluids are lost through heavy sweating. Blood flow to the skin increases, causing blood flow to decrease to the vital organs. This results in a form of mild shock. If not treated, the victim's condition will worsen. Body temperature will keep rising and the victim may suffer heat stroke.
- **Heat Stroke** - A life-threatening condition. The victim's temperature control system, which produces sweating to cool the body, stops working. The body temperature can rise so high that brain damage and death may result if the body is not cooled quickly.
- **Sun Stroke** - Another term for heat stroke.

## TAKE PROTECTIVE MEASURES

### Before Extreme Heat

To prepare for extreme heat, you should:

- Install window air conditioners snugly; insulate if necessary.
- Check air-conditioning ducts for proper insulation.
- Install temporary window reflectors (for use between windows and drapes), such as aluminum foil-covered cardboard, to reflect heat back outside.
- Weather-strip doors and windowsills to keep cool air in.
- Cover windows that receive morning or afternoon sun with drapes, shades, awnings, or louvers. (Outdoor awnings or louvers can reduce the heat that enters a home by up to 80%.)
- Keep storm windows up all year.

### During a Heat Emergency

The following are guidelines for what you should do if the weather is extremely hot:

- Make short-term arrangements with friends and family who have air conditioning.
- Stay indoors as much as possible and limit exposure to the sun.
- Stay on the lowest floor out of the sunshine if air conditioning is not available.
- Consider spending the warmest part of the day in public buildings, such as libraries, schools, movie theaters, shopping malls, and other indoor facilities.

**IMPORTANT: Call ahead before traveling to check if facilities are open and have sufficient occupancy to observe to COVID-19 regulations.**

- Circulate air with a fan to help cool the body by increasing the rate of perspiration evaporation.



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- Eat well-balanced, light, and regular meals. Avoid using salt tablets unless directed to do so by a physician.
- Drink plenty of water. Persons who have epilepsy or heart, kidney, or liver disease; are on fluid-restricted diets; or have a problem with fluid retention should consult a doctor before increasing liquid intake.
- Limit intake of alcoholic beverages.
- Dress in loose-fitting, lightweight, and light-colored clothes that cover as much skin as possible.
- Protect face and head by wearing a wide-brimmed hat.
- Check on family, friends, and neighbors who do not have air conditioning and who spend much of their time alone.
- Never leave children or pets alone in closed vehicles. Car interiors can reach lethal temperatures in a matter of minutes. **Beat the heat, check the back seat!**
- Avoid strenuous work during the warmest part of the day. Use a buddy system when working in extreme heat and take frequent breaks.



## **COOLING CENTERS**

Three buildings in DeKalb are cooling centers during their normal operational hours.

**Per the executive orders of Governor J.B. Pritzker, facilities are required to follow social distancing measures, occupancy limits, and face covering requirements. Before traveling, please call ahead for available accommodations and requirements.**

| <b>DeKalb Public Library</b>     |               |               |               |                    |               |               |
|----------------------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| 309 Oak Street, DeKalb, IL 60115 |               |               |               | Phone 815-756-9568 |               |               |
| <b>SUN</b>                       | <b>MON</b>    | <b>TUE</b>    | <b>WED</b>    | <b>THU</b>         | <b>FRI</b>    | <b>SAT</b>    |
| 1:00pm-5:00pm                    | 1:00pm-9:00pm | 9:00am-5:00pm | 9:00am-5:00pm | 1:00pm-9:00pm      | 1:00pm-5:00pm | 1:00pm-5:00pm |

| <b>Hopkins Park Community Center – DeKalb Park District</b> |               |               |               |                    |               |               |
|---|---------------|---------------|---------------|--------------------|---------------|---------------|
| 1403 Sycamore Road, DeKalb, IL 60115                        |               |               |               | Phone 815-758-6663 |               |               |
| <b>SUN</b>  | <b>MON</b>    | <b>TUE</b>    | <b>WED</b>    | <b>THU</b>         | <b>FRI</b>    | <b>SAT</b>    |
| <u>CLOSED</u>   | 8:30am-5:00pm | 8:30am-5:00pm | 8:30am-5:00pm | 8:30am-5:00pm      | 8:30am-5:00pm | <u>CLOSED</u> |

| <b>Salvation Army</b>              |               |               |               |                    |               |               |
|------------------------------------|---------------|---------------|---------------|--------------------|---------------|---------------|
| 830 Grove Street, DeKalb, IL 60115 |               |               |               | Phone 815-756-4308 |               |               |
| <b>SUN</b>                         | <b>MON</b>    | <b>TUE</b>    | <b>WED</b>    | <b>THU</b>         | <b>FRI</b>    | <b>SAT</b>    |
| <u>CLOSED</u>                      | 8:30am-4:00pm | 8:30am-4:00pm | 8:30am-4:00pm | 8:30am-4:00pm      | 8:30am-4:00pm | <u>CLOSED</u> |

### **To Locate a Cooling Center**

- Monday through Friday 8:00am to 5:00pm, call 815-748-8460
- After hours or on weekends and holidays, call 815-748-8460, and press 9.

### **To Request a Well-Being Check**

**Call 911 for someone who may be suffering from the effects of extreme heat.**

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