

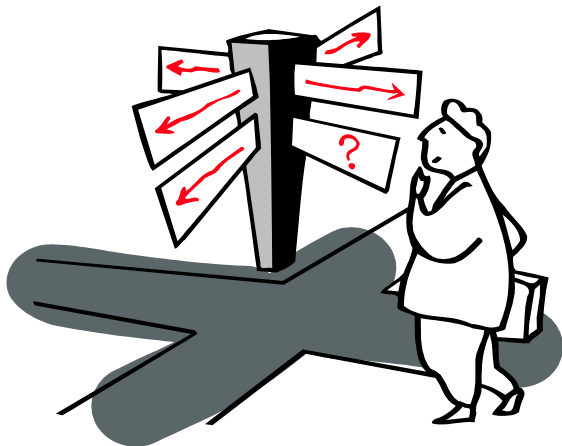
# Location, Location, Location

-Another important key in being prepared for any kind of weather is knowing what county you are located in, and what cities or geographical landmarks you are near. Weather warnings and information are referenced by counties, cities, interstates and major highways, lakes and rivers, and state parks and recreation areas.

-Keep a map of the areas you are staying in or traveling through, so you will always know if you need to take action for approaching weather.

-Keep your mobile devices charged, use weather apps to get warnings, and allow location access for these apps to pinpoint where you are in relation to storms.

-Make preparations BEFORE bad weather strikes by knowing your surroundings and where safe shelter is located, planning escape routes, and coordinating a meeting place with your recreation companions.



## Take action during dangerous weather situations!

### **When caught outdoors during a thunderstorm, when lightning is the main threat...**

- Move to a sturdy building or car, and get out of boats and away from water.
- DO NOT take shelter in small sheds, under isolated trees, or in convertible automobiles. If no shelter is available, find a low spot away from trees, fences and poles.

### **When camping...**

- Avoid setting up near streams or low areas prone to flooding.
- If flooding is occurring or a warning is issued, move to higher ground.
- NEVER attempt to cross flowing streams by foot or by car, and NEVER drive through flood waters.
- At night, be especially careful when it is harder to recognize flood dangers.

### **If a storm appears threatening, or a warning is issued...**

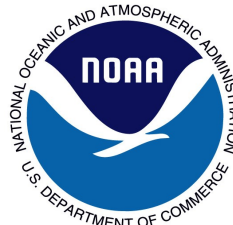
- Abandon campers, mobile homes, or any type of vehicle. They offer little protection against tornadoes and severe thunderstorm winds.
- Move to a pre-designated shelter on the lowest floor, and stay away from windows.
- If you are caught outside during a tornado, lie flat in a ditch, and protect your head and as much of your body as possible.

### **Other sources of weather information...**

You can visit the Paducah National Weather Service website at <http://www.weather.gov/pah>

National Weather Service  
8250 Kentucky Highway 3520  
West Paducah, KY 42086

Telephone (270)744-6440 Fax (270)744-3828



## National Weather Service Paducah, Kentucky

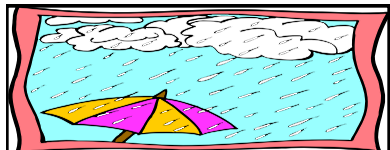


## WEATHER SAFETY GUIDE FOR THE GREAT OUTDOORS



A National Weather Service  
reference guide to staying  
aware, informed, and safe in  
any weather conditions

The following is a list of many of the products issued by the National Weather Service during more serious weather situations. Understanding what each product means can help you take the appropriate action necessary to keep you and your family safe in any weather conditions.



## National Weather Service

### Product Definitions



## Severe Weather

### Severe Thunderstorm or Tornado Watch-

Conditions are favorable for the development of severe thunderstorms and/or tornadoes in and around the watch area. Remain alert to changing weather conditions.

### Severe Thunderstorm or Tornado Warning-

A thunderstorm capable of producing 1 inch hail or larger and/or winds gusting to at least 58 mph, or a tornado, has been indicated by radar or reported by a trained weather spotter or law enforcement official. Take immediate action to save life and property, and take cover!



## Wind

**High Wind Warning** - Sustained wind speeds of 40 mph or greater for an hour or longer or wind gusts of at least 58 mph for any duration.

**Wind Advisory** - Sustained wind speeds of 30 mph or greater lasting an hour or longer or winds gusts to 45 mph or greater for any duration.



## Flooding

**Flood/Flash Flood Watch** - Current and/or developing conditions indicate there is a threat of flooding.

**Flood Warning**-Flooding is expected in normally dry areas due to increased water levels in an established watercourse such as a river, stream or drainage ditch.

**Flash Flood Warning** - Excessive rain falling in a short period of time, generally in less than 6 hours, resulting in fast and serious flooding of normally dry areas.

**Urban and Small Stream Flood Advisory** - High Water or flooding is expected in small streams, streets and low-lying areas, such as railroad underpasses and urban storm drains.



## Heat and Humidity

**Heat Advisory** - Heat Index\* of at least 105 degrees is expected.

**Excessive Heat Warning** - Heat Index\* of at least 110 degrees is expected.

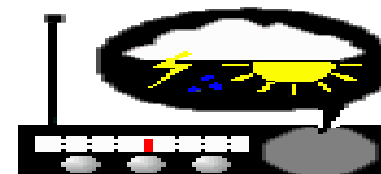
\*Heat Index is a measure of how hot the body feels when the effects of humidity are combined with the air temperature. High humidity levels reduce the amount of sweat that is able to evaporate, thus reducing the ability for the body to cool itself. Drink plenty of water, wear light weight, light colored clothing, and reduce physical activity when the above products are issued, or any time hot and humid conditions occur.



## Lightning

**Warnings are NOT issued for lightning, because lightning always occurs with thunderstorms, and is always deadly.**

**Take cover whenever you see lightning.**



## NOAA Weather Radio

NOAA Weather Radio, known as the voice of the National Weather Service, broadcasts weather information directly from the National Weather Service 24 hours a day. Routine weather information, such as hourly weather conditions and current forecasts, along with all of the previously mentioned products, can be heard any time of the day or night. Weather radios are both electric and battery powered, making them perfect to take on trips, to the campground, or out on a lake. Many models have an alarm feature, which will alert you any time a watch or warning has been issued for your area, and some of the more advanced radios can be programmed to alarm only for specific counties. NOAA Weather Radio is your best and fastest source of weather information no matter where you are.

The NOAA Weather Radio Network covers all 50 states. NOAA Weather Radio is an "all hazards" radio network, making it the most comprehensive single source for weather and emergency information available to the public. NOAA Weather Radios are available at various electronics stores, and cost \$25 and up, depending on features.

NOAA Weather Radio requires a special receiver or scanner capable of picking up the signal. Broadcasts can be found throughout the United States on the following seven public service band frequencies: 162.400 162.425 162.450 162.475 162.500 162.525 162.550

From the National Weather Service in Paducah, weather information is currently broadcast from eleven transmitters across Western Kentucky, Southeast Missouri, Southern Illinois, and Southwest Indiana.

Doniphan, MO	WWG-48 162.450MHz	Bloomfield, MO	WXL-47 162.400MHz
Piedmont, MO	KX1-66 162.425MHz	Cape Girardeau, MO	KX1-93 162.550MHz
Evansville, IN	KIG-76 162.550MHz	Madisonville, KY	WX1-91 162.525MHz
Mayfield, KY	KIH-46 162.475MHz	Hopkinsville, KY	KX1-26 162.450 MHz
Whitesville, KY	KZZ-61 162.475MHz	Marion, IL	WXM-49 162.425MHz
McLeansboro, IL	KX1-52 162.400MHz		

It is important to know which transmitter provides alerts for your county. For this and other additional information, you can visit our website at [www.weather.gov/pah](http://www.weather.gov/pah), look under "Weather Safety", then click on "Weather Radio", or visit [www.weather.gov/nwr](http://www.weather.gov/nwr). If you do not have internet access, write or call us via the address or telephone number on the back of this brochure.