

CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

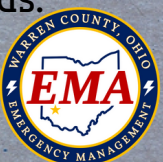


Warren County's Top Severe Weather Hazards:

1. Wind/Severe Storms
2. Floods
3. Tornadoes
4. Winter Storms
5. Extreme Temperatures



Severe weather can happen anytime and have many impacts. This can include hazardous conditions produced by thunderstorms, including damaging winds, tornadoes, large hail, flooding and flash flooding, and winter storms associated with freezing rain, sleet, snow and strong winds.



CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

WATCH VS WARNING

Watches and Warnings are issued by the National Weather Service when severe weather is either possible or imminent. They are designed to alert the public and keep them informed of weather that could become dangerous.

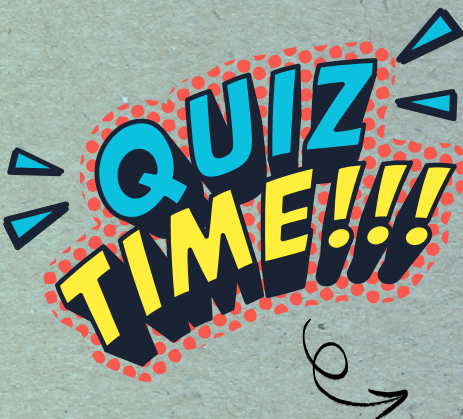


WATCH = WAIT & PREPARE

A Watch means that there is a great chance for severe weather to occur. All of the signs of severe weather are present, but it hasn't happened yet.

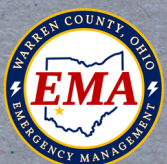
WARNING = TAKE ACTION

A Warning means that severe weather is imminent. Take protective actions such as shelter in a safe place.



Strong winds are picking up and you can hear the sounds of hail falling outside. Would you expect a severe thunderstorm watch or warning with these conditions?

Answer on the last page.



CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

EMERGENCY ALERTS

It's important to have several methods of receiving emergency alerts. In emergency situations communication failures happen.

Relying on only one method doesn't ensure that you will get notifications when you need it.



Things to Consider:

- *Power Outages* - TVs & other methods won't work with a loss of power, unless location stations still have power & you have a generator.
- *Severe Storms* - Outdoor Warning Sirens are only set off in Warren County for tornado warnings & are designed to be heard OUTDOORS. During a storm, it can be loud & you may not hear the siren indoors. Even if you typically hear them inside during a test (on a nice quiet day), the sound of wind/rain from the storm will possibly drown out the sound of the siren.
- *NOAA Weather Radios* - Are cost-effective, can work with or without power, & some can be used to charge electronic devices.

 An infographic titled "6 WAYS to receive a warning" with a blue and red wave icon. It lists six methods:

- NOAA Weather Radio**: Illustrated with a portable weather radio.
- Local TV and Radio**: Illustrated with a television showing a weather report.
- Wireless Emergency Alerts & Weather Apps**: Illustrated with a tablet displaying "WEA".
- Outdoor Sirens**: Illustrated with a megaphone.
- Internet Sites**: Illustrated with a laptop showing "weather.gov" and a smartphone showing "mobile.weather.gov".
- From Your Friends, Family and Coworkers**: Illustrated with a man in a white shirt and tie.

 The NOAA logo is in the bottom left corner.


CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

DID YOU KNOW?

Stopping distance when driving varies greatly based on conditions:

- Dry road = 60-100 feet
- Wet road = 120 feet +
- Packed snow road = 180 feet +
- Icy road = 600 feet +

Due to the wind tunnel effect, tornado winds are much stronger under bridges & overpasses. Making them dangerous places to seek shelter.

Dense fog reduces reaction time:

- Normal (1/4 mile/1320 ft of visibility) = 15 second reaction time
- Dense Fog (100 ft visibility) = 1.1 second reaction time

Hypothermia begins as soon as the body's internal temperature drops from 98.6°F to below 96°F.

A little bit of fast-moving water can quickly sweep you or a vehicle away:

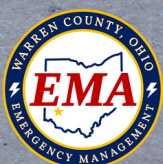
- 6 inches can knock over grown adults & carry them away
- 12 inches can carry away a small car
- 18-24 inches can carry away most large SUVs, vans & trucks.

Temperatures in your car can quickly become deadly. With the windows rolled up & an outside temperature of 80°F, the temperature inside the car raises rapidly:

- 10 minutes = 99 degrees
- 20 minutes = 109 degrees
- 30 minutes = 114 degrees
- 60 minutes = 123 degrees

WAYS TO PREPARE FOR ANY WEATHER CONDITIONS

Whether it be fog, flood, lightning, heat or cold, be prepared by: checking the weather before you leave, dress in proper attire, update your emergency kit based on conditions, and be ready to take action if needed.



CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

WEATHER SPOTTER TRAINING

The Warren County, Butler County, and Montgomery County Emergency Management Agencies along with the National Weather Service are hosting a Skywarn Weather Spotter Training Class. If you would like to register, please see the information below!



2025 NWS Weather Spotter Training

Hosted by Butler County EMA, Montgomery County EMA & Warren County EMA

Date & Time:

Monday, April 14th from 6:00 PM - 8:00 PM
at the Atrium Medical Center - Professional Building
200 Medical Medical Center Dr, Middletown OH 45005

Registration:

Please visit: bit.ly/4gKn1Cl



Due to seating capacity, registration will be on a first come first serve basis and will max out at 150!

The Role of a Weather Spotter:

As a trained spotter, you perform an invaluable service for the NWS. Your real-time, ground-truth observations of tornadoes, hail, wind, and significant cloud formations provide a truly reliable information base for severe weather detection and verification. By providing observations, you are assisting the meteorologists at Wilmington in their warning decisions and enabling the NWS to fulfill its mission of protecting life and property. **Your spotter report can literally mean the difference between life and death!**

How to Get There:

When you enter the Medical Center Campus, the Professional Building will be to the LEFT of the main hospital entrance. Park in the parking lot in front of the Professional Building. Enter through the doors and turn RIGHT to take elevators to the 5th Floor. Follow the signage to the auditoriums. **If additional directions are needed, you may call the hospital operator at 513-424-2111 and ask for Campus Police assistance.**



CITIZENS PREPAREDNESS NEWSLETTER

SEVERE WEATHER AWARENESS

READY SET GO!

- READY** **Prepare now.**
Register for local emergency alerts. Have a plan & an emergency go kit. Follow local officials on social media.
- SET** **Be alert.**
Be packed up & ready to go. Monitor news & local official sources. Consider relocating to a safer area.
- GO!** **Evacuate!**
Follow instructions from officials, stay on designated evacuation routes & avoid closed areas.

MITIGATION MURPHY SAYS...



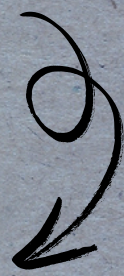
Learn more at:

<https://www.weather.gov/safety/>

Stay Informed:

Follow Warren County EMA on Facebook @WCOHEMA & Twitter @WCEMAOhio

Scan Here to Visit Our Website:



Activity Answer:
Severe Thunderstorm Warning

