

Tornado Preparedness and Response Guide

City of Richmond Office of
Emergency Management



| ENHANCED FUJITA SCALE | DAMAGE |
|-----------------------|--------------|
| EF-0 (65-85 MPH) | LIGHT |
| EF-1 (86-110 MPH) | MODERATE |
| EF-2 (111-135 MPH) | CONSIDERABLE |
| EF-3 (136-165 MPH) | SEVERE |
| EF-4 (166-200 MPH) | DEVASTATING |
| EF-5 (200+ MPH) | INCREDIBLE |

Know the Signs

- Strong, persistent rotation in the base of a cloud.
- Whirling dust or debris on the ground under a cloud base, tornadoes sometimes have no visible funnel.
- Hail or heavy rain followed by dead calm or a fast, intense wind shift. Many tornadoes, especially in Virginia, are wrapped in heavy precipitation and can't be seen.
- Loud, continuous roar or rumble, which doesn't fade in a few seconds like thunder.
- If it's night, look for small, bright, blue-green to white flashes at ground level (as opposed to silvery lightning up in the clouds). These lights are power lines being snapped by very strong wind, maybe a tornado.
- Persistent lowering of the cloud base.

If a tornado is headed your way

Go to the building's basement. If there is no basement, move to a small, windowless interior room such as a closet, bathroom or interior hall on the lowest level of the building. Be sure to use the stairs to reach the lowest level, not an elevator. Protect your body from flying debris with a heavy blanket or pillows. If you are in:

Open buildings (shopping malls, gymnasiums or civic centers):

Try to get into the restroom or an interior hallway. If there is no time to go anywhere else, seek shelter right where you are. Try to get up against something that will support or deflect falling debris. Protect your head by covering it with your arms.

Automobiles:

Get out of your vehicle and try to find shelter inside a sturdy building. If no sturdy building available stay in the car with your seat belt on. Put your head down below the windows; cover your head with your hands and a blanket, coat or other cushion. If you can safely get lower than the roadway leave your car and lie in that area, cover your head with your hands. Do not take shelter under a highway overpass or bridge.

Outdoors:

Get into a vehicle, buckle your seat belt and try to drive to the closest sturdy shelter. If no buildings are close, lie down flat in a ditch or depression and cover your head with your hands.

Mobile homes:

Do not stay in mobile homes. You should leave immediately and seek shelter inside a nearby sturdy building or lie down in a ditch away from your home, covering your head with your hands. Mobile homes are extremely unsafe during tornadoes.

Know the difference between a tornado

WATCH

and

WARNING

Be Prepared...a tornado is possible

- ✓ Check for forecast updates
- ✓ Monitor sky conditions
- ✓ Know where to take shelter

Take Action! A tornado is imminent!

- Take shelter immediately ✓
- Seek further information ✓
- Check for forecast updates ✓

For More Information, call (804) 646-2504 or
email askemergencymanagement@richmondgov.com

Visit our website

<http://www.richmondgov.com/fireEmergencyManagement.aspx>

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Additional Resources:

FEMA: <http://www.ready.gov/tornadoes>

NOAA: <http://www.noaa.gov/features/protecting/tornados101.html>