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The safest location during a thunderstorm is inside a large enclosed structure with plumbing and electrical wiring. These include shopping centers, schools, office buildings, and private residences.

If lightning strikes the building, the plumbing and wiring will conduct the electricity more efficiently than a human body. If no buildings are available, then an enclosed metal vehicle such as an automobile, van, or school bus makes a decent alternative.

What To Do

Once inside a sturdy building, stay away from electrical appliances and plumbing fixtures. As an added safety measure, stay in an interior room.

f you are inside a vehicle, roll the windows up, and avoid contact with any conducting paths leading to the outside of the vehicle (e.g. radios, PRs innition, etc.)

Where NOT to G

Not all types of buildings or vehicles are safe during thunderstorms. Buildings which are NOT SAFE (even if they are "grounded") have exposed openings. These include beach shacks, metal sheds, picnic shelters(pavillons, carports, and baseball dugouts. Porches are dangerous as well

Convertible vehicles offer no safely from lightning, even if the top is 'up Other vehicles which are NOT SAFE during lightning storms are those which have open cabs, such as golf carts, tractors, and construction equipment.

What NOT to Do

Lightning can travel great distances through power lines, especially in rural areas. Do not use electrical appliances, ESPECIALLY corded telephones unless it is an emergency (cordless and cell phones are safe to use).

Computers are also dangerous as they usually are connected to both phone and electrical cords. Do not take a shower or bath or use a ho tub.



The Downburst

A strong downdraft with an out-rush of damaging wind on or near the surface.

- Types of downbursts
 - Macroburst a swath of damaging wind > 2.5 miles wide
 - Long lived
 - Long damage path
 - Microburst a swath of damaging wind < 2.5 miles wide
 - Extremely difficult to detect and warn for!
 - Most common
 - Wet MicroburstsDry Microbursts
- Both can produce very tornado-like damage

























































