

## 1. MYTH: Lightning Never Strikes The Same Place Twice

**TRUTH:** Lightning often strikes the same place repeatedly, especially if it's a tall pointy isolated object. The Empire State Building used to be used as a lightning laboratory, since it is hit nearly 25 times a year. Places prone to lightning are places to avoid when thunderstorms are nearby!

## 2. MYTH: If It's Not Raining, Or If Clouds Aren't Overhead, I'm Safe From Lightning

**TRUTH:** Lightning often strikes more than three miles from the thunderstorm, far outside the rain or even thunderstorm cloud. 'Bolts from the Blue', though infrequent, can strike 10-15 Miles from the thunderstorm. Anvil lightning can strike the ground over 50 Miles from the thunderstorm, under extreme conditions. Lightning in clouds has traveled over 100 miles from the thunderstorm.

## 3. MYTH: Rubber Tires Protect You From Lightning In A Car By Insulating You From The Ground

**TRUTH:** Lightning laughs at two inches of rubber! Most cars are reasonably safe from lightning. But it's the metal roof and metal sides that protect you, not the rubber tires. Thus convertibles, motorcycles, bicycles, open shelled outdoor recreational vehicles, and cars with plastic or fiberglass shells offer no lightning protection. Likewise, farm and construction vehicles with open cockpits offer no lightning protection. But closed cockpits with metal roof and sides are safer than going outside. **And don't even ask about sneakers!**

## 4. MYTH: A Lightning Victim Is Electrified. If You Touch Them, You'll be Electrocuted.

**TRUTH:** The human body doesn't store electricity. It is perfectly safe to touch a lightning victim to give them first aid. This is the most chilling of lightning myths. Imagine someone dying needlessly, for want of simple CPR or mouth-to-mouth resuscitation, when their chance of survival was 90%.

## 5. MYTH: If Outside In A Thunderstorm, Go Under A Tree To Stay Dry

**TRUTH:** Being underneath trees is the second leading location for lightning casualties – enough said?

## 6. MYTH: I'm In A House, I'm Safe From Lightning

**TRUTH:** While a house is a good place for lightning safety, just going inside isn't enough. You must avoid any conducting path leading outside, such as corded telephones, electrical appliances, wires, TV cables, plumbing (including plastic pipes with water in them), metal doors or window frames, etc. Don't stand near a window to watch the lightning. An inside room is generally best.