



LIGHTNING PROTECTION PREVENTING A DIRECT STRIKE

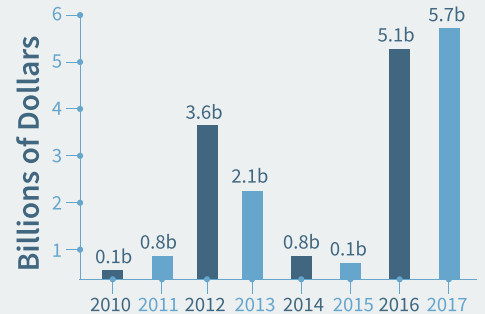
In the first quarter of 2017 alone, thunderstorms caused a record **\$5.7 billion** in losses, and lightning kills an average of **30 people a year**. Learn how to keep you, your family, and property safe from lightning.

▶ LIGHTNING IS DEADLY

22,600

An average of 22,600 fires were caused by **lightning** between 2007 and 2011.

According to Aon Benfield's Impact Forecasting, **insured losses** from lightning strikes are at an **all-time high**.



30

people die a year from lightning strikes according to the National Weather Service.

According to the Lightning Protection Institute, the top 5 states most often **struck by lightning** are:

- 1 Florida 25.3 strikes per sq. mile
- 2 Louisiana 20.3 strikes per sq. mile
- 3 Mississippi 18.0 strikes per sq. mile
- 4 Alabama 15.9 strikes per sq. mile
- 5 South Carolina 14.6 strikes per sq. mile
Oklahoma (tied)

▶ LIGHTNING IS FAR REACHING

1/3 of all lightning related injuries occur indoors – stay away from:



Corded phones



Electronics



Plumbing

10

Lightning can strike **10 miles** from a thunderstorm.



Lightning can strike **anywhere**, not just the tallest objects.

▶ LIGHTNING PROTECTION

Power surges caused by lightning can damage the electronics in your home.



Lightning protection systems **intercept lightning strikes** and provide a grounding path for dangerous electricity to **discharge safely**, leaving occupants and homes safe from harm.



Panel box surge protective devices (SPDs) serve as the **first line of defense** against harmful home electrical surges, limiting voltages by diverting currents at the electrical service entrance. Only a **qualified electrician** should install SPDs.



Protects electronics plugged into the device from surges, must be **replaced** over time or after a major surge event.



Power strips **DO NOT** provide surge protection.



No surge device can handle a **direct lightning strike**. Unplug sensitive electronics **WELL** before a storm to prevent damage.