Cradle of Liberty Council
Safety Tips on Lightning

From the Guide to Safe Scouting

The summits of mountains, crests of ridges, slopes above timberline, and large meadows are extremely hazardous places to be during lightning storms. If you are caught in such an exposed place, quickly descend to a lower elevation, away from the direction of the approaching storm, and squat down, keeping your head low. A dense forest located in a depression provides the best protection. Avoid taking shelter under isolated trees or trees much taller than adjacent trees. Stay away from water, metal objects, and other substances that will conduct electricity long distances.

By squatting with your feet close together, you have minimal contact with the ground, thus reducing danger from ground currents. If the threat of lightning strikes is great, your group should not huddle together but spread out at least 15 feet apart. If one member of your group is jolted, the rest of you can tend to him. Whenever lightning is nearby, take off backpacks with either external or internal metal frames. In tents, stay at least a few inches from metal tent poles.

Lightning Safety Rules

- Stay away from open doors and windows, fireplaces, radiators, stoves, metal pipes, sinks, and plug-in electrical appliances.
- Don't use hair dryers, electric toothbrushes, or electric razors.
- Don't use the telephone; lightning may strike telephone wires outside.
- Don't take laundry off the clothesline.
- Don't work on fences, telephone lines, power lines, pipelines, or structural steel fabrications.
- Don't handle flammable materials in open containers.
- Don't use metal objects, such as fishing rods and golf clubs. Golfers wearing cleated shoes are particularly good lightning rods.
- Stop tractor work, especially when the tractor is pulling metal equipment, and dismount. Tractors and other implements in metallic contact with the ground are often struck by lightning.
- Get out of the water and off small boats.
- Stay in the car if you are traveling. Automobiles offer excellent lightning protection.
- When no shelter is available, avoid the highest object in the area. If only isolated trees are nearby, the best protection is to crouch in the open, keeping twice as far away from isolated trees as the trees are high.
- Avoid hilltops, open spaces, wire fences, metal clotheslines, exposed sheds, and any electrically conducted elevated objects.

For additional health and safety information, consult the Guide to Safe Scouting and the other resources available at the national Scouting Safely website at http://www.scouting.org/scoutsource/HealthandSafety.