

# Cloud Guide

## Cumulonimbus Clouds

Can bring lightning, high winds, heavy rain, hail, and tornadoes.



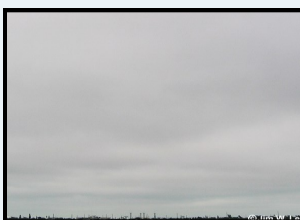
## High Clouds

Cirrus indicate fair weather or coming precipitation within 24-48 hours.



## Low to Middle Clouds

Cumulus can be either fair weather or a building thunderstorm. Stratus can produce precipitation or simple overcast.



# Outdoor Tips

A clear sky + calm winds =  
**COOL NIGHT**



## 30/30 Rule:

See lightning? Start counting until you hear thunder. If **LESS than 30 seconds**, seek shelter. Wait **30 minutes** before resuming outdoor activity.



Hear crickets chirping?  
Measure the Temperature.

Count chirps in **14 seconds + 40 = approximate air temp!**

## NWS GSP Contact Info

Website:

[www.weather.gov/gsp](http://www.weather.gov/gsp)

More Safety Info:

[www.weather.gov/safety](http://www.weather.gov/safety)

Phone: (864) 848-3859

Email: [gsp.webmaster@noaa.gov](mailto:gsp.webmaster@noaa.gov)



@NWSGSP



# Guide to Outdoor Weather Safety



**National Weather  
Service  
Greenville-Spartanburg**

# Outdoor Weather Safety

## Thunderstorms

T-storms in mountains usually form in early afternoon. Watch for towering cumulus. Hike early.

If lightning begins, avoid ridge tops, isolated trees, and open fields. Stay away from water.

Seek shelter from lightning in a vehicle or building (if possible). NEVER hide beneath trees!

If a tornado is spotted, seek shelter OR lie in a ditch/low spot and protect your head.



**Always have extra supplies!**

## Flooding

Know your *escape routes* and get to *higher ground* in case of flash flood.

Two feet of rushing water can float a vehicle, while six inches can knock over an adult.

Heavy rain can cause debris flows and landslides in mountain areas. Both are a threat to campers.

**NEVER** camp on low ground or near streams. Flash floods can occur at night while sleeping.

## Boating

ALWAYS wear a life jacket.

Fog forms fast. Slow down, turn off running lights, and listen for other boats.

Get off the water if lightning is near.

Have a way to get weather reports.

## Heat & Cold

Peak heating occurs between 1pm—5pm. Stay hydrated. Wear lightweight clothes.

For winter weather, dress in layers. Avoid exposing skin to the air. Pack extra clothes.

Bring waterproof matches and fire starter. Monitor yourself for frostbite or hypothermia.

## Weather Alerts

Know the difference!

**Watch** = Be prepared

**Warning** = Take action now

-Grab a battery operated NOAA radio to get alerts if cell service goes out.

