

How To Choose Warm Clothes For Cold Days

Cognitive function begins to be impacted when you lose just 2 degrees of body temperature. In temperatures below freezing, that can happen in just a matter of minutes if you're not dressed properly.

The right clothing can quite literally be the difference between living and dying if you're caught outside in bad weather.

Of course, keeping all of your fingers and toes and avoiding freezing to death are benefits of choosing the right clothes for cold weather, too!

Today we're going to talk about the top considerations to keep in mind when choosing your winter clothing. Your primary goals are to stay warm and trap body heat inside.

Dress in Layers

The first and most important step to keeping warm is to dress in layers. This helps in several ways.

First, it allows you to shed some clothing if you get too warm. There's nothing more miserable than sweating so much that your clothing gets wet, then being exposed to cold. Staying dry is extremely important if you're planning on surviving long enough to warm your toes by a fire somewhere.

Layers also serve different functions. Your inner layer (or layers) should be made of something that wicks away sweat. A middle layer should be warm and insulating, and the outermost layer should block the wind. It's also good to make this layer waterproof.

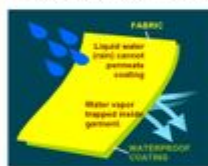
OUTDOOR CLOTHING BASICS

The secret to dressing for the outdoors is layering. The base layer is worn against the skin, a mid layer goes over the base, an insulating layer is next, and a shell layer is worn over everything. Layers are adjusted according to the season and conditions.

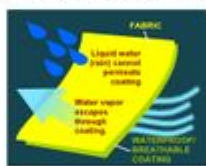


Waterproof or Waterproof Breathable?

Basic waterproof rain gear works very well. The relatively small amount of moisture trapped inside a waterproof rain suit will be wicked away from the skin by the under layers, and you'll stay comfortable. Waterproof fabrics are less expensive.



Waterproof fabrics have an impermeable coating that does not allow water vapor to escape from the inside out, but still keeps the rain out.



Waterproof breathable fabrics are constructed with a permeable membrane that permits water vapor to escape from the inside out without allowing liquid water to penetrate from the outside in.

What about Ponchos? Ponchos are awkward when doing just about anything other than sitting still. A waterproof jacket and pants are much more serviceable.

THE "SAFETY SUIT"

WARM & DRY

I know from experience a rain jacket, rain pants, and synthetic or wool long underwear tops and bottoms can keep you reasonably warm and safe in the worst kind of weather no matter what the season. **Carry these two essential layers on any trip.**

Cotton Kills

It may sound overly dramatic, but it isn't. Cotton is fine for dry, warm conditions but ideally dry and warm conditions are rare. It is much harder to stay dry and warm outdoors than most people think. Cotton holds moisture and moisture saps body heat. When the body loses heat faster than it can produce heat hypothermia sets in. At first, this is merely uncomfortable; but it can become serious medical emergency. Hypothermia can happen at temperatures well above freezing. Synthetic or wool fabrics insulate even when wet and are strongly recommended for cold weather. In warmer weather, a synthetic base layer draws perspiration away from the skin and keeps you cool and comfortable.

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Now, most people make the mistake of only thinking about a coat; if you're going to survive, you need to cover as much as your body as you can, while still maintaining mobility. You lose most of your body heat through your head, hands, and feet, so make sure that you keep those well-insulated.

Layer One

The first layer, your long underwear, should wick away sweat. There are any number of synthetic and natural fibers out there, but the best wicking fabric is wool. Of course, it's also itchy. Merino wool is much softer than other wools and wicks well, but it's a bit pricey.

Of course, you can always get really into the project and [raise your own sheep](#) and [make wool yarn](#) so that you can knit your own long underwear, but that's not an option, or a preference, for many people.

A cheaper, less time-consuming option may be to choose something other than wool.

Polypropylene doesn't absorb moisture at all, which makes it a great material for your bottom layer, but it's flammable. Just keep that in mind around the campfire at night.

Silk feels great but it doesn't wick very well. Stay away from cotton and flannel because they hold moisture. That's bad when it comes to staying warm, because that wonderfully soft fabric that felt so good on your skin when it was dry turns into clingy, heavy material that sucks out all of your body heat when it's wet.

Oh, and anything that sucks your body heat out is promoting hypothermia, which, if you don't know by now, is a bad thing. It also creates a petri dish for bacteria.

Speaking of which, there are several synthetic blends out there that actually have compounds in them that inhibit bacterial growth. This isn't really a big deal if you're going to wear it for a day or two, but if you're going to be in it for several days or more at a time, it's a concern.

The Middle and Outer Layers

Your coat may serve as both the middle and outer layers if it's stuffed with insulating material and has a wind-proof outer shell. The stuffing is the middle layer, and the shell is the outer layer.

Coats that are made to keep you warm as you go from your car to the office often offer more aesthetic incentives than functional ones. They keep you warm, but they're not built to keep your heat in long-term or to really block wind or keep you dry.

When you're choosing a coat for serious warming power [in the real outdoors](#), go for a coat that has baffling – those little layers of pockets full of fluff that are sewn together, sort of like a quilt.

It's good because it helps hold the down in place and create what coat folks refer to as loft. We normal people would probably just call it fluff or puffiness. You don't need as much stuffing if your coat has plenty of loft.

Down coats are great, especially if you choose a good one, and they're light. Cheaper varieties often use [feathers](#) instead of down, which aren't as insulating. It's all about the density of the down that traps the warm air in. You can tell how many feathers are in it by giving it the pinch test. If you can feel quills, there are feathers.

There are also good synthetic blends that offer great insulation as well as breathable yet waterproof shells that block the wind. Two common ones are polyester and nylon.

Since polyester is basically made from plastic, it has great value as an insulator and a windbreaker. Nylon is tough and doesn't absorb much water. What it does absorb, it doesn't hold. Instead, the moisture evaporates, making it great outer

shell material.

Gloves/Mittens

You absolutely have to have gloves – think of them as a coat for your hands. For that matter, you want your gloves to have the same properties as your coat.

Mittens are the best option because they keep all of your fingers together in one warm little pocket, whereas with gloves, your fingers are isolated. It's important that your gloves have great insulation if you choose to use them instead of mittens. Gloves do offer much more mobility than mittens.

What type of fabric you choose depends on your activity. If you're going to be sweating, you want something breathable that wicks moisture away while keeping your hands warm. If you're not going to be active, you may want to go for something with more insulation.

Socks and Hat

Cold feet are miserable. Not only that, they can be deadly. [If you get frostbite](#), you run the risk of developing gangrene too. No fun. Wool socks are, again, the best because of their wicking and insulating properties, and cotton socks are the worst. Just as with coats, there are blends that work wonderfully, too.

If you want, you can always buy a coat with a hood. There are some limitations when you're wearing a hood versus a hat, though, so if you opt to go with a hat, follow the same rule as you do with socks. Wool is good because it's both insulating and wicking.

Oh, and don't forget to cover your face. Your nose is one of the quickest appendages to freeze, so cover it up! A good wool balaclava will keep your head, face, and neck warm and toasty.

Choosing winter clothing that will keep you warm every day and alive if SHTF doesn't have to be difficult, but you should consider your environment and assess your needs (durability, flammability, etc.) before investing in good outdoor clothing.

Some things you can skip on, but this probably shouldn't be one of them. Buy the good stuff – your life may depend on it at some point.



World's Smallest Battery Powers House For 2 Days

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*This article has been written by **Theresa Crouse** for Survivopedia.*