



SWS Mountain Guides

110 Alpine St.

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Equipment List for Ice, Snow and Glacier Expedition Course & Glacier Rescue Course, Hotlum Glacier Ascent

It is critical to the success and safety of your course that you BRING ALL THE ITEMS LISTED BELOW. Due to the strenuous nature of these trips, it is MOST IMPORTANT that you pack WELL and pack LIGHT. The weather on Mt. Shasta OR Mt Whitney can be either very warm or very windy and cold - it is usually both! Be prepared to encounter all types of conditions.

PLEASE NOTE: There are lots of substitutions available on this equipment list, we use this list from **May through September**, you are **not required** to purchase the exact items, BUT YOU DO NEED to bring quality substitutions. We do need **four layers on top and 2-3 layers on the bottom plus hats, gloves, sunglasses and the other items on the list!** If you can't decide on an item or items, feel free to throw it in the car and have the guide help you with the decision at the pack check. If you have any questions about what to bring, **PLEASE**, give us a call at 888-797-6867.

- Hybrid or Plastic Mountaineering Boots
- Crampons 12 points hinged or semi-rigid crampons (*Ex: Black Diamond Sabretooth or Contact Crampons*)
- Sleeping Bag (Rated to 10-20 degrees, synthetic or down)
- Full-length Sleeping Pad
- Internal Frame Pack (55 to 65-liter volume)

Note: You do not need a separate day pack for summit day – carry the above pack snubbed down, packed with only lunch & extra clothing – the rest of the gear stays at base camp.

Many items are available for rent from SWS Mountain Guides / Check out Rental List

OUTER SHELL LAYER:

Since this layer is your first line of defense against the elements (the wind, rain, snow and cold), it is imperative that they are of the proper design, fit, and construction.

- Parka - Gore-Tex or Equivalent
Note: With attached hood that is large enough to fit over all insulating layer(s) and helmet.
- Pants or Bibs Gore-Tex or Equivalent
Note: Side zippers are a highly recommended feature, for ventilation and for taking them on or off over heavy boots and crampons.
- Gore-Tex Gloves or Mitts with windproof shells or equivalent
- Calf Height or Full-Length Gaiters

UNDERWEAR:

- Synthetic base layer or wool long john Top – Lightweight or mid weight
- Synthetic base layer or wool long john Bottoms – Lightweight to mid weight

INSULATING LAYERS:

- Fleece or Down Jacket
- Extra Synthetic Top (expedition weight recommended) or Fleece sweater, or wool shirt or equivalent.
- Medium weight synthetic running tights or light fleece pants or synthetic pants.
- 2-3 pairs Wool or Thermal Heavyweight Socks - **no cotton**
- 2-3 pairs Wool or Light Liner Socks – **no cotton-**
- Wool or Synthetic Gloves light liner type (*Black Diamond liner gloves*)
- Wool or Pile Hat - **Note:** a *lightweight balaclava is a very good idea for sleeping comfort.*

OTHER IMPORTANT STUFF:

- Nylon stuff sacks for gear organization (enough for all equipment)
- 3 - one liter, wide-mouth water containers (no runners or bike bottles please!) *A hydration system such as Camelback may substitute for all but one wide mouth bottle.
- Swiss Army-Type Knife or small pocketknife
- Good quality (DARK) sunglasses with side shields -- or wraparound sunglasses



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- Sun block (SPF 25+) Chapstick
- Long-sleeved light-colored Synthetic t-shirt and bandana --for the hot approach--
- Shorts --for the warm approach--
- Sunhat
- Headlamp (*Black Diamond Spot*)
- Insulated Cup
- Small Bowl and Spoon
- Small First Aid Kit with personal medicines
- Toilet paper
- "Sports Drink" water additive such as Gatorade, Liquid IV, Cytomax, etc.

CLIMBING EQUIPMENT:

- Sit Harness (Black Diamond Alpine Bod) -- **SWS will provide**, but bring your own if you wish--
- Personal Ice ax --- **SWS will provide**, but bring your own if you want---
- Helmet --- **SWS will provide**, but bring your own if you want---
- 30 ft. of Perlon/Nylon 6mm (needed for self-rescue)
- 3 Locking carabiners (Pear shape recommended)

OPTIONAL:

- Ski poles/ Trekking poles – **Highly recommended!!** (Black Diamond Flicklock Poles)
Note: Available for rent from SWS
- Phone / Extra Batteries / Solar Charger
- Map of the area (Mt. Shasta Topo)
- Ski Goggles
- Balaclava (face mask, nice if it's stormy)
- Down or Fleece Vest: This is nice to have, if your budget allows, but not necessary if you have adequate fleece gear.
- Fleece or Synthetic Pants or Bibs recommended for early season (May thru early June) or Late Season (Mid-September thru October)

SNACKS:

Lunches and high carbohydrate snacks-Examples: Clif Bars, GORP (good old peanuts and raisins), bagels, cheese, salami or jerky, crackers, cookies, candy bars, dried fruit, hard candy, chocolate, and granola bars. **SWS will provide dinners, breakfast, and hot drinks.** **NOTE:** Summit Day will be 14-16 hours of sustained effort!

OTHER SERVICES:

Rentals: Pack, Sleeping Bags, Mountaineering Boots, Crampons, Hardshell Jackets, Down Jackets, Snowshoes, and Trekking Poles are available for rental through SWS. Recommended that all rentals are reserved before the date of departure.

Porters: Porters are available by reservation on all Mt. Shasta climbs and cost \$175 each way. Porter's loads are limited to a maximum of 45 lbs. For more information, please contact the office at 888-797-6867.

LAST MESSAGES

SWS Mountain Guides reserves the right to refuse services to any client deemed inadequately prepared at the trailhead. To avoid disappointment, and for the safety and enjoyment of all involved, PLEASE ARRIVE WITH ALL THE ABOVE ITEMS! If you have questions about your equipment, give us a call or throw it in the car anyway and ask your guide at the trailhead. In preparation for the trip - be sure to drink AT LEAST 4 QUARTS OF WATER A DAY for at least 2-3 days before your trip, preferably for the whole preceding week - it will make your adjustment to altitude and exertion infinitely easier. V23.0