



**MT. SHASTA (14,162') HOTLUM BOLAM ROUTE  
EQUIPMENT LIST**

**CLIMBING GEAR**

**Boots** – warm, waterproof yet light-weight high altitude mountaineering boots such as Mad Rock Alpinist (<http://www.madrockclimbing.com/alpinist.aspx>) or similar **or** plastic double mountaineering boots

**Gaiters** – low, high or rubber-randed supergaiters or in-the-pants gaiters with a cord under the boot instep

**Trekking Poles** - 3 section collapsible

**Climbing Harness** with adjustable leg loops that will fit correctly with a variety of clothing layers (rentals available, reservations required)

**Ice axe** - 60-70 cm traditional curved pick (rentals available, reservation required)

**Crampons** - 12 pt. carefully adjusted with straps or clip-up bindings (rentals available, reservation required)

1 locking carabiner (HMS pear-shaped best).

2 regular carabiners

**Climbing Helmet** - (UIAA approved) bring your own or ASI will provide one (no reservations necessary)

**BIVY GEAR**

**Pack** – light mountaineering alpine Ascent Pack (40-50 liters). Pack such as Black Diamond Quantum, Predator or similar.

**Sleeping Bag** - down recommended, warm to 15° or 20° should weigh less than 2 ½ lbs. Small sil cloth compression stuff sack recommended or use smallest stuff sack possible.

**Sleeping Pad** – ¾ length or full length light Thermarest® or Ridgecrest®. Experts often use their light pack under their feet to supplement a ¾ length pad.

**CLOTHING**

**Next to skin layers:**

Short sleeve T-shirt – light merino wool or capilene

Long sleeve merino wool or capilene zip T-neck

Merino wool or capilene briefs

Merino wool or capilene light long johns

Warm socks – wool/nylon blend or similar (2 pr.)

**Outer layers:**

Soft-shell jacket (lightly insulated) or fleece pullover or full zip

Soft-shell mountain pants (AKA “guide pants” – synthetic stretch woven fabric)

- Patagonia, Marmot or similar

Puff jacket - nylon with synthetic insulation such as Patagonia Micro Puff or similar hooded jacket

Light outer jacket - waterproof/breathable

Wool or fleece hat

Fleece neck gaiter or balaclava face mask for storm conditions

Gloves – midweight, warm gloves

Light down booties (optional)

Bandana

*This is a recommended optimum layering system. Certain items may be substituted but combination of layers should equal the recommended list for warmth, moisture wicking, wind and precipitation resistance, weight and packability.*

### **MISCELLANEOUS**

1-2 Liter water container or hydration system  
12-24oz. Lexan cup  
Lexan spoon  
Sunglasses with retainer  
Sunscreen – 30 SPF or greater (small amount in squeeze bottle)  
Lip balm – 30 SPF or greater  
Small personal first aid kit – bandaids, moleskin, tape, aspirin, antacid tablets  
Toothbrush and toothpaste - small tube  
Toilet paper in zip-lock bag with matches  
Light headlamp with fresh batteries (Petzl Teka or similar)  
Butane lighter  
Small pocket knife  
Camera (optional)  
Small 2-way FRS radio (optional)

### **RENTALS FROM ASI** (prepaid reservations required)

<b><u>ITEM</u></b>	<b><u>1-3 DAYS</u></b>
Ice Axe	\$8.00
Crampons	\$10.00
Pack (50 liter)	\$20.00
Plastic Double Mountain Boots	\$20.00
Climbing Harness	\$8.00
Snow Shoes	\$20.00
Ski poles	\$3.00

### **ASI PROVIDES**

All group guiding equipment, group first-aid, emergency and repair kits, shelters, stoves, cook kits, and 2 dinners.

### **FOOD**

One prepackaged dinner will be provided by ASI. Variations in tastes make it most practical for each participant to pack his/her own breakfast and lunch food. These are easy but should be calculated carefully. You will need to pack one breakfast and two lunches.

Here is a suggested sample we would carry for one day:

#### Breakfast-instant, non-cooking

- Hot beverage-tea, coffee or cocoa
- 2 packets instant oatmeal or cream of wheat or granola
- 4 tablespoons whole or low-fat milk powder (instant)
- 1 tablespoon margarine (optional)

#### Lunch-high energy, snackable type

- 3 oz. protein source (cheese, dried meat or other)
- 2-3 oz. crackers or light bread (bagels ok for the first days)
- 3 oz. nuts or dried fruit (gorp)
- 2 oz sweets (dextrose, chocolate, lemon drops, etc.)  
Energy bars may take the place of gorp or candy)
- 1 drink mix for 2 days

Measure and prepackage your food carefully. Try to use this as a guideline; it is important to bring enough but not too much. To us going light is very important. We want to take the time to teach you how a well planned system is not only highly efficient but can make travel in the mountain safer, more comfortable and far more enjoyable.

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