

Essential gear for snow routes when mountaineering:

- Daypack (30 or 40 liters)
- 1 classic mountaineering ice axe
- 1 single rope (minimum 50 meters)
- 1 harness
- 1 ice screw
- 1 v-thread hook
- A Helmet
- A belay device
- Crampons that are properly adjusted and equipped with anti-balling plates
- Mountaineering boots that are warm, waterproof, and crampon-compatible
- Gaiters
- 2 double-length slings and 2 locking carabiners
- A crevasse rescue kit
- Navigation tools: map, altimeter, compass, GPS
- 1 headlamp with fresh batteries
- 1 survival blanket
- 1 pair of warm socks + 1 spare pair
- 1 pair of warm wind-resistant pants
- Technical base layers
- Fleece sweater
- A windbreaker and water resistant jacket (Gore Tex shell)
- Windbreaker and water resistant overpants (Gore Tex shell)
- A warm parka
- 1 pair of lightweight gloves + 1 pair of warm gloves
- 1 beanie or headband
- 1 pair of category 4 sunglasses + 1 spare pair
- High-protection sunscreen
- 1 first aid kit
- Snacks + high-calorie «savory» food
- 1 water bottle
- 1 knife

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The basic gear list for a multi-pitch route:

- Helmet
- Harness
- Lanyard
- Belay device for double ropes
- A set of double or twin ropes
- 10 to 14 quickdraws
- 3 to 5 slings, 60cm and 120cm
- 4 locking carabiners
- 1 loop of accessory cord to make a friction hitch such as an autoblock or Prusik
- 1 mechanical capture device (such as a TIBLOC) and a progress-capture pulley (such as a MICROTRAXION) to assist the second
- 1 ascender to ascend the rope
- Cams/nuts and a nut tool if necessary
- Gear sling if necessary
- Chalk bag
- Climbing shoes
- Lightweight backpack (20 liters)
- Food
- Drink
- Lightweight windbreaker
- Knife
- Headlamp
- Small first aid kit
- Topo of the route, map

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