

Spring / winter gear list for 8 day ski tour from Mammoth to Tuolumne Meadows

Ski Gear

- Skis & Boots (NTN for me, Dynafit for Aubrey)
- Skins
- Poles
- Avalanche Beacon
- Avalanche probe
- Shovel

Group Gear

- Black Diamond Megalight (+ pole)
- ~~8x snow anchors~~ (essentially little bags that you bury, which we learned are a terrible idea in early spring conditions, when the snow freezes solid overnight)
- MSR WhisperLite, windsreen, and insulated base
- Stove repair kit
- 1 liter titanium pot
- 2 liter titanium pot (for melting snow)
- MSR aquatabs
- First aid kit

Personal sleeping gear

- Tyvek ground sheet (softened in a washing machine)
- Thermarest Xtherm sleeping pad
- Sleeping bag (-10 / -20 F for me and Aubrey, respectively)
- Inflatable pillow

Clothes

Upper body

- Outer shell
- Down puffy
- Mid insulating / windproof layer with hood
- 2x base layers

Lower body

- Outer shell pants
- ~~Softshell pants~~ (maybe just a light pair of shorts next time)
- 1x normal base layer
- 1x expedition base layer

Extremities

- 3x liner socks
- 1x wool socks
- Down booties
- Wool hat
- Buff
- Brimmed hat
- Liner gloves
- Wind stopper gloves
- ~~Primaloft gloves~~ (for a spring trip with temperatures > 25° these are overkill)
- Overmits

Repair kit

- Screws for ski bindings
- Bit driver
- Steel wool - for use with epoxy to fix a ripped out binding
- Epoxy
- Hose clamps - for fixing broken ski poles
- Voile straps
- Duct tape
- Skin repair kit
- Steel wire - for attaching a ski boot to a busted binding
- Extra ski pole basket - we used this one!
- Tenacious gear tape

Misc

- Multi tool (with pliers / wirecutters and knife)
- Garmin GPS
- Delorme InReach - weather forecasts: <http://wx2inreach.weebly.com>
- Maps - hillmap.com for slope angle maps
- Compass
- Headlight
- Extra batteries (GPS, headlamp, beacons)
- Glacier goggles
- Extra sunglasses
- ~~Kindle~~ (we barely used them (we used them extensively on our Alaska trips))
- Sunscreen - should have brought 1 each!
- Badger butter - indispensable emergency item
- Insulated food bowl - I had an extra, which turned out to double well as a water container
- Hydroflask - warm gatorade is the best
- 4.5 liter ~~naigene~~ + homemade foam / duct tape insulated case - next time: [this one](#)
- Black garbage bags - for solar snow melting
- 80 L Backpack

Consumables

- 5 fl oz fuel / person / day - good for our use case if melting snow every day. But, we found plenty of running water.
 - Our fuel planning (4-5 oz / person / day) was spot on, if we had actually needed to melt all our own snow for 10 days. But... there was lots of running water to be found, and of course, once at the ski hut we had access to an electric stove. For those using these numbers to plan their own trips, we were using a MSR WhisperLite, and keep in mind that our snow was quite dense / settled (not powder), and air temperatures were typically 20-30° F at the time of melting. We only brought water to melting, and used treatment tabs to purify. Our dinners and breakfasts typically did not require sustained cooking.
- Food - too much
 - We had way too much food with us. 2,500 cal / person / day for 4 days, followed by 3,500 / person / day would be more appropriate when starting out from a "sedentary" lifestyle. We had 2 Ursacks and a small bear can, to comply with regulations, however, most people seem to just bury their food in the snow in sealed plastic bags to keep critters out.

Camera gear

- Sony alpha ar
- 24-105
- ~~44-24~~ (for a trip like this, the weight was too much)
- ~~70-200~~ (for a trip like this, the weight was unjustified)
- Tripod
- EOS-m + 22mm