

K2 Expedition Required Equipment

BASE LAYERS



Synthetic Short Underwear (2-3 pair)

non-cotton style underwear

recommended: [Patagonia Men's Capilene Daily Boxer Brief](#)



Lightweight Long Underwear (2-3 pair)

long sleeve shirt and long pants

recommended: [Mountain Hardware Ghee Long Sleeve 1/2 Zip](#) top, [Ghee Tight](#) bottoms



Heavyweight Long Underwear (1 pair)

recommended: [Mountain Hardware Diamond Peak 1/2 Zip](#) top, [Diamond Peak Thermal Tight](#) bottoms



Short Sleeve Synthetic Shirt (1-2 pair)

recommended: [Mountain Hardware Diamond Peak Short Sleeve T-Shirt](#)

MID LAYERS



Soft Shell Jacket

to be worn over other layers

recommended: [Mountain Hardware Stretch Ozonic Jacket](#)



Soft Shell Pants

very breathable and water repellant

recommended: [Mountain Hardware Stretch Ozonic Pant](#)



Lightweight Nylon Pants (1-2 pair)

recommended: [Mountain Hardware Chockstone/2 Pant](#)

WINDPROOF/RAIN LAYERS



Hard Shell Jacket with hood

waterproof and breathable shell jacket

recommended: [Mountain Hardware Exposure/2 Gore-Tex 3L Active Jacket](#)



Hard Shell Pants

waterproof and breathable shell pants

recommended: [Mountain Hardware Exposure/2 Gore-Tex Active Pant](#)

INSULATION LAYERS



Heavyweight Insulated Down Jacket with hood

we primarily wear this when climbing below Camp 2

recommended: [Mountain Hardware Absolute Zero Parka](#) or [Nilas Jacket](#)



Insulated Pants

worn primarily when climbing below Camp 2

recommended: [Mountain Hardware Compressor Pant](#)



Down Suit

worn when climbing above Camp 2

recommended: [Mountain Hardware Absolute Zero Suit](#)

HEADWEAR



Warm Hat

synthetic or wool hat (ski hat)

recommended: [Mountain Hardware Dome Perignon Pro](#)

**Balaclava**

to protect your neck and face in high winds
recommended: [Mountain Hardwear Alpine Balaclava](#)

**Baseball Cap or other sun hat**

to shade your face/neck from the sun on a hot day
recommended: [Madison Mountaineering Cap](#)

**Bandana or Buff**

to protect your neck/face from the sun
recommended: [BUFF UV Multifunctional Headwear](#)

EYEWEAR

**Glacier Glasses**

full protection with side covers or wrap around
recommended: [Julbo Shield Sunglasses](#)

**Ski Goggles**

to be worn on summit day in the event of high winds – (2nd pair optional)
recommended: [Scott USA LCG Goggle](#)

GLOVES

**Lightweight Synthetic Base Layer Gloves**

for wearing on a hot day
recommended: [Mountain Hardwear Power Stretch Stimulus Glove](#)

**Soft Shell Gloves**

to wear for moderate cold/wind
recommended: [Mountain Hardwear Route Setter Alpine Work Glove](#)

**Shell Glove with Insulated Liner**

to wear for severe cold/strong wind
recommended: [Mountain Hardwear Exposure/2 Gore-Tex Glove](#)

**Expedition Mitts**

large enough to fit a liner glove inside
recommended: [Mountain Hardwear Absolute Zero Gore-Tex Down Mitt](#)

**Heated Gloves (optional)**

Battery-powered heated gloves
recommended: [Outdoor Research Capstone Heated Gloves](#)

FOOTWEAR

**Liner Socks (3 pairs)**

recommended: [Spyder Pro Liner Sock](#)

**Wool or Synthetic Socks (6 pairs)**

recommended: [Smartwool Mountaineering Extra Heavy Crew Sock](#)

**Heated Socks (optional)**

recommended: [Lenz 4.0 Heat Socks](#)

**Mountaineering Boots**

recommended: [La Sportiva Olympus Mons Cube S](#)

**Hiking Boots/Shoes**

comfortable, sturdy boots or shoes for the trek to base camp
recommended: [Salomon X Ultra Tracker Gore Tex](#), [La Sportiva Aequilibrium Hike GTX](#)

**Camp Boots**

comfortable boots for wearing in camp
recommended: [Sorel Caribou Boot](#)

**Gaiters** (optional)

recommended: [Outdoor Research Expedition Crocodile Gaiters](#)

**Booties** (optional)

recommended: [Feathered Friends Down Booties](#)

SLEEPING EQUIPMENT

**Sleeping Bag** (for high camps)

rated to at least -40°F. Goose down or synthetic
recommended: [Mountain Hardwear Phantom Gore-Tex -40 Sleeping Bag](#)

**Sleeping Bag** (for base camp)

rated to at least -20°F
recommended: [Mountain Hardwear Lamina -30 Sleeping Bag](#)

**Self-inflating Sleeping Pads** (2)

full length is preferred, 1 for base camp and 1 for high camps
recommended: [Therm-a-Rest NeoAir XTherm](#)

**Closed-cell Foam Pad**

to be used in conjunction with the inflating pad for warmth and comfort when sleeping
recommended: [Therm-a-Rest RidgeRest SOLite](#)

**Earplugs**

recommended: [Eagle Creek Travel Ear Plug Set](#)

MOUNTAINEERING GEAR

**Expedition Backpack**

approximately 105L
recommended: [Mountain Hardwear AMG 105 Backpack](#)

**Compression Stuff Sacks**

for reducing the volume of the sleeping bag, down parka, etc., in your pack
recommended: [Sea to Summit Compression Sacks](#) and [Sea to Summit eVAC Dry Sacks](#)

**Trash Compactor Bags**

to line backpack and stuff sacks as well as for separating gear

**Backpack Rain Cover** (optional)**Trekking Backpack**

to carry on the trek to base camp. Simple and light.
recommended: [Mountain Hardwear Alpine Light 45 Backpack](#)

**Trekking Poles with Snow Baskets**

adjustable poles
recommended: [Black Diamond Alpine Carbon Z Trekking Poles](#)

**Ice Axe**

general mountaineering tool (65cm)
recommended: [Petzl Summit Ice Axe](#)

**Crampons**

general mountaineering crampons
recommended: [Petzl Sarken Leverlock Crampon](#)

**Climbing Helmet**

must be able to fit over your warm hat
recommended: [Petzl Sirocco Helmet](#)

**Ascender**

1 right or left-hand ascender
recommended: [Petzl Ascension Ergonomic Ascender](#)

**Accessory Cord**

30 feet (9m) of 6mm accessory cord
recommended: [New England 6mm Accessory Cord](#)

**Alpine Climbing Harness**

mountaineering harness, with adjustable leg loops. Not a rock-climbing “sport” harness
recommended: [Petzl Altitude](#)

**Carabineers**

3 regular and 3 locking
recommended: [Black Diamond Oval](#) (regular) and [Black Diamond Positron Screwgate](#) (locking)

**Carabineer for progression lanyard**

1 locking
recommended: [Petzl Vertigo Wire-Lock](#)

**Belay/Rappel Device**

recommended: [Petzl Reverso](#)

**Headlamp**

with 2 extra sets of new batteries
recommended: [Petzl Tactikka Core Headlamp](#)

**Pack Liner (2 pieces)**

For storing items in tents or having loads organized to be carried by our Sherpa staff
Recommended: [Osprey Pack Liner Large](#)

TRAVEL ITEMS

**Large Duffel Bags with Locks (2)**

for transporting gear
recommended: [Mountain Hardware Expedition Duffel 140](#)

**Carry-on Backpack**

can use trekking backpack, approximately 18” x 16” x 10” (46cm x 41cm x 26cm)

**Travel Clothes**

for days in cities and towns

**Lightweight journal, sketchbook, pencils, pen****U.S. cash**

for currency exchange to purchase SIM cards or merchandise in cities and villages

ADDITIONAL FOOD ITEMS

**Snack Food**

bring a few days’ supply of your favorite climbing snack food such as bars, gels, nuts, beef jerky, etc.
variety of salty and sweet is good
recommended: [GU Roctane Energy Gel](#)

OTHER EQUIPMENT

- ☐ **Cup**
plastic 16 oz. minimum cup or mug
- ☐ **Bowl**
large plastic bowl for eating dinner or breakfast
- ☐ **Spoon**
plastic spoon (Lexan)
- ☐ **Water Bottles** (2 or 3)
wide mouth bottles with 1-liter capacity
recommended: [Nalgene 1L bottle](#)
- ☐ **Water Bottle Parkas** (2)
fully insulated with zip opening
recommended: [Outdoor Research Water Bottle Parka #1](#)
- ☐ **Water Treatment** (optional)
recommended: [SteriPEN Ultra](#), [Aquamira](#), tablets, etc.
- ☐ **Thermos**
1 liter
recommended: [Hydro Flask 32oz Wide Mouth Insulated Bottle](#)
- ☐ **Heated Insoles** (optional)
recommended: [Hotronic Custom S4 Heating Elements Foot Warmer Kit](#)
- ☐ **Hand Warmers**
recommended: [Yaktrax Hand Warmer](#)
- ☐ **Sunscreen**
SPF 50 or better
- ☐ **Lip Screen** (2 sticks)
SPF 30 or better
- ☐ **Toiletry Bag**
include toilet paper and hand sanitizer
- ☐ **Pee Bottle**
1-liter minimum bottle for convenience at night in the tent
- ☐ **Female Urination Device (FUD)**
recommended: [Sani-Fem Freshette](#)
- ☐ **Knife or Multi-tool** (optional)
- ☐ **Small Personal First-aid Kit**
include athletic tape, band-aids, Ibuprofen, blister care, cough drops, etc.
- ☐ **Medications and Prescriptions**
bring antibiotics (Azithromycin, etc.), and altitude medicine such as Diamox and dexamethasone

- ☐ Handkerchiefs/Bandanas (optional)

OPTIONAL ELECTRONICS

- ☐ Country-appropriate power plug adapters and power transformers

- ☐ Adventure Sports Watch
recommended: [Garmin fēnix 6](#)

- ☐ GPS/Personal Satellite Communicator
recommended: [Garmin inReach Mini](#)

- ☐ Personal Power System
recommended: [Goal Zero Nomad 28 Plus Solar Panel](#) and [Sherpa 100AC Power Bank](#)

- ☐ Digital Entertainment
movies, tv shows, music, books loaded on to smartphone, iPad, Kindle

- ☐ Camera
bring extra batteries, charger, and memory cards

- ☐ Portable Travel Humidifier
battery powered