



UTAH ROCK EQUIPMENT CHECKLIST

This list was designed for the “worst case scenario,” a trip with significant inclement weather. In serious conditions it’s not uncommon for a climber to need every piece of clothing and equipment on this list. However, if a program does not encounter significant weather, there may be items here that are not used. As you prepare for your trip, it’s important to plan for the worst and hope for the best.

At the start of the day, your guide will ensure that everyone is adequately prepared for the day. They will also be able to refine your day pack to make sure that you bring exactly what’s needed given the forecast. It is acceptable to bring too much clothing or equipment to your initial meeting. And it is acceptable to bring things that you have questions about. Extra equipment can always be left behind in the van.

Moab, UT: This area typically has good weather for rock climbing. In the spring and the fall, when climbing conditions are best, daytime highs often climb to the mid-80s with nighttime lows around 40-32 °F. The winters are colder and snow often covers the ground and the surrounding mountains. Summer in Moab can be particularly hot with temperatures close to 100°F.

Call or Email the Equipment Shop for Advice on Gear: Please feel free to contact the shop to help you get ready for your trip. We also offer free 30 min gear consultations through our gear shop for this course. To schedule a gear consultation, [click here](#). Your comfort and safety depend on being well equipped. Whether you get your gear from us or just get advice, we’re here to help you prepare.

Call: (360) 671-1570 - Email: shop@alpineinstitute.com - Website: <https://shop.alpineinstitute.com/>

Please be sure to check the forecast several days prior to your course to ensure that you are properly prepared.

[NOAA Moab Weather](#)

CLOTHING

Sun Hat

Fit under a helmet. Visors or athletic hats are comfortable, vent well, and are easy to clean and dry out.

Buy
 Own

Buff/Neck Gaiter (Optional)

Look for one that is UPF-rated. Lighter colors are better for warm conditions.

Buy
 Own

Sun Glasses

Preferably with UVA/UVB protection

Buy
 Own

Headlamp

Bring extra batteries or charger for rechargeable battery style. Ideal range is 200-350 lumens.

Examples: Petzl Swift RL, Petzl Actik

Buy
 Own

Sports Bra

Wool or synthetic. Comfort is key, racerbacks are a popular option.

Buy
 Own

Sun Hoody

Lightweight, wool or synthetic is ideal. Look for one with UPF 30+ sun protection. UPF clothing protects better from the sun than sunscreen.

Examples: Patagonia Capilene Cool Daily Hoody, Outdoor Research Echo, Rab Pulse

Buy
 Own

Active Insulation Layer

Lightweight "gridded fleece" or lightweight synthetic insulated jacket. Hood preferred. Active insulation weight - 40g/m². Heavier insulation weight - 60-80g/m²

Examples: Patagonia R1, Patagonia Nano Air, Arc'Teryx Proton LT

Buy
 Own

Soft Shell Jacket or Windproof Jacket

A soft shell jacket is considered an "action layer." Its materials are designed to stretch and breathe while also maintaining wind and water resistance. This allows the user to leave this jacket on for a wide range of temps and conditions throughout the day without the hassle of constantly changing layers.

Windproof jackets are lightweight and packable, but lack the breathability and stretchy nature of the soft shell. Windproof jackets are ideal for blocking wind and light precipitation during low output activities.

Example Softshells: Black Diamond Alpine Start Hoody, Rab Borealis, Patagonia Houdini Air

Example Windproof: Patagonia Houdini, Arc'Teryx Squamish Hoody

Buy
 Own

Insulation Jacket / Puffy Jacket

Down or synthetic. Worn in cold conditions or when not moving. Hood preferred. If choosing down, water-resistant down treatment is preferred to help prevent matting and loss of insulating ability if the jacket gets wet.

Example: Arc'Teryx Nuclei FL, Patagonia Down Sweater, Rab Alpine Series

Buy
 Own

Hardshell Jacket (Waterproof Rain Jacket) (Optional)

Non-insulated jacket with a waterproof and breathable membrane. Three-layer construction is recommended. It must have a hood, ideally helmet-compatible. When sizing, make sure it can fit over other layers.

Examples: Patagonia Torrentshell, Arc'Teryx Alpha AR, Mountain Equipment Lhotse

Buy
 Own

CLOTHING CONTINUED

Undergarments

Wool or synthetic.

- Buy
 Own

Soft Shell Pants

Thin, weather-resistant, breathable, and stretchy. You will wear these a majority of the time.

Examples: Patagonia Altvia, Mountain Equipment Ibex, Arc'Teryx Gamma FL

- Buy
 Own

Hard Shell Pants (Waterproof Rain Pants) (Optional)

Non-insulated, waterproof, and breathable membrane. Full side zips are recommended. When sizing make sure it is able to fit over a base layer and soft shell pants.

Examples: Patagonia Torrentshell, Arc'Teryx Beta Pant

- Buy
 Own

Socks

Wool or synthetic socks that are at least mid-calf height.

Examples: Darn Tough Coolmax Lightweight

- Buy
 Own

Approach Shoes

Made with sticky climbing rubber, used for approaches to and from the rock climbing areas as well as for climbing some of the easier routes.

Example Approach: La Sportiva TX4, TX2, Scarpa Rapid

- Buy
 Own

CLIMBING

Harness

Make sure the harness has a belay loop and gear loops.

Example Padded Harness: Petzl Adjama, Arc'Teryx AR-395a

- Buy
 Own
 Rent

Helmet

Must be UIAA-rated for climbing. Foam, break-away style helmets are susceptible to damage if being loaded in a checked bag.

Examples: Petzl Meteor, Black Diamond Vision

- Buy
 Own
 Rent

Rock Shoes

Focus on comfort, so they can be worn all day. Avoid technical or aggressive rock shoes with a downturn. Avoid curled toes when sizing.

Example: La Sportiva Tarantulace, La Sportiva TC Pro

- Buy
 Own
 Rent

Belay Device or Assisted Braking Device

You may need one or the other depending on your program, confirm with your guide.

Examples: Black Diamond ATC Guide, Petzl Reverso, Petzl GriGri, Black Diamond ATC Pilot

- Buy
 Own

Slings (Optional - but HIGHLY recommended)

Bring one 48in (120cm) and one 24in (60cm) pre-sewn sling. Must be UIAA-rated for climbing.

Examples: Mammut Contact, Black Diamond Nylon Runner

- Buy
 Own

Cordelette (Optional - but HIGHLY recommended)

A 180cm-240cm length sling or 18-24 feet of 6mm accessory cord.

Example: Mammut Contact, Bluewater Titan Cord

- Buy
 Own

Belay Gloves

Lightweight and breathable gloves with a durable leather palm are ideal.

- Buy
 Own

CLIMBING

Carabiners

Must be UIAA-rated for climbing. Suggested:

- 4 large pear-shaped munter-style locking carabiners
- 5 non-locking wire gate carabiners

Examples: Petzl Attache, Camp Photon Wire

Buy
 Own

Multi-Pitch / Day Pack

18L to 25L is an ideal size.

Example: Patagonia Linked 18 Black Diamond Blitz 28

Buy
 Own

Rappel Backup (Optional - but HIGHLY recommended)

The Sterling hollow Block or Beal Jammy are recommended for their heat resistant properties. A 4ft length of 6mm nylon accessory cord will also suffice.

Examples: Beal Jammy 35mm, Sterling HollowBlock 2 13.5

Buy
 Own

Rock Climbing Rack and Nut Tool (Optional)

If you have these then bring it. Make sure and mark your gear so it doesn't get mixed up. Nail polish is the best way to permanently mark your gear, tape is discouraged as it tends to fall off.

Buy
 Own

Chalk Bag and Chalk (Optional)

Nice for hot days and sweaty hands.

Buy
 Own

Crack Gloves (Optional)

Can also use climbers tape.

Buy
 Own

Hydration

3L capacity is recommended, though some people need more. Most folks bring a 2-3 liter bladder and a 1 liter hard sided bottle. A bottle is an important backup to the bladder.

Examples: Nalgene 32 oz bottle, Hydrapak Seeker 2-3L, MSR Dromedary 4-8L

Buy
 Own

Snacks and Food

You are responsible for bringing your own food for the duration of the course.

Buy
 Own

SUGGESTED CAMPING GEAR

OPTIONAL - ONLY NEEDED IF YOU PLAN ON CAMPING

Tent

3 season tents are appropriate for this course's camp locations.

Example: Big Agnes Copper Spur, REI Half Dome

Buy
 Own

Sleeping Bag & Sleeping Pad

Synthetic or Down bag, rated 20°F to 30°F (-6°C to -1°C). Also bring an inflatable or foam pad.

Buy
 Own

Stove, Fuel, Pot, and Lighters (x2)

Example: Soto Windmaster, MSR Windburner

Buy
 Own

Utensils and Bowl / Plate

Bring a spoon or spork and something to eat out of. You can eat out of your pot as well.

Buy
 Own

OTHER ESSENTIALS

Toothbrush and Toothpaste

Travel size recommended

Buy
 Own

Hand Sanitizer and/or Wet Wipes

Required. Used after going to the bathroom and before eating.

Buy
 Own

Toilet Paper

We recommend bringing half a roll to a roll in a ziplock bag.

Buy
 Own

Pee Cloth (Optional)

A reusable, antimicrobial pee cloth, used in the place of toilet paper or wet wipes.

Example: Kula Cloth

Buy
 Own

Urination Device (Optional)

Pee funnels such as the GoGirl or Freshette. Rigid pee funnels hold their shape better.

Buy
 Own

Menstrual Cup (Optional)

Examples: Diva cup, Saalt, Lunette

Buy
 Own

Sunscreen and Lip Balm

At least an SPF of 30+, zinc-based is preferred. Small travel-size tubes are recommended.

Examples: ZBlok 45, Sunbum Mineral FaceStick 50

Buy
 Own

Personal First Aid Kit

- Band aids; Blister treatment
- Prescription Drugs, Ibuprofen, etc
- If you wear contacts, make sure you have spares if you can't see without them

Buy
 Own

OTHER OPTIONAL ITEMS

Entertainment

Books, games, cards, music player, kindle, etc.

Buy
 Own

Portable Charging Device or Car Charger

Phone charger, battery pack, or solar panel.

Buy
 Own

Camera

Phone cameras or small point-and-shoot cameras are preferred.

Buy
 Own

Comfortable Clothing and Footwear

Breathable footwear, like flip flops, and some comfortable cotton clothing can be nice to change into after you get back to the car.

Buy
 Own