



NZ SUMMER MOUNTAINEERING EQUIPMENT NOTES

Please see your equipment list for full details of what you will personally need to bring along for your course or climb. We hold a quantity of good quality rental equipment for your convenience in addition to a retail purchase service.

Due to the nature of the mountain environment equipment and clothing must be suitable for its intended purpose. It must be light, remain effective when wet or iced and dry easily. It is important that the product will not become redundant before it wears out. These notes will help you make informed choices so you save time and money.

Bring your own clothing and wet weather gear and if you already have your own equipment that is on the list then we suggest you bring it along as well to learn how to use it best.

We want to ensure you get the best products on the market - the same gear that is used and recommended by our guides – so we can arrange for you to order that equipment directly through us. You can then pick it up when you arrive at our office in New Zealand or we can ship it to you. We offer great deals on equipment packages – come to us with your wish list for favourable pricing! Adventure Consultants is able to offer clients up-to-date information regarding the range of products available so if you need assistance making your selection, or purchasing any item, then please feel free to contact us for advice.

BODY WEAR

Today there is a bewildering and ever changing array of modern technical fabrics and garments on the market. Accordingly, suitable mountain attire can be derived from a wide variety of garments utilised in varying combinations. The clothing on our gear list can be creatively substituted according to your preferences but ensure your choices are functional and adequate. For example, a functional and often utilised garment that does not appear on our list is a vest.

A basic principle in selecting clothing and equipment is to minimise weight and bulk while still ensuring adequate warmth and functionality. It can be difficult to find a brand that has all the features you prefer which means you may have to make prudent compromises. In the description below we suggest brands and specific products that we have found to be suitable; this is by no means definitive. You can read Guy Cotter's thoughts on lightweight layering systems at <http://www.adventureconsultants.com/adventure/LightweightGear/>.

There are numerous fabrics which are both water resistant and breathable such as Gore-Tex, Reflex, Membrane, Entrant etc. These fabrics are expensive but can last for years if well looked after. Shell clothing should be seam-sealed during the manufacturing process (tape sealed on the seams) or it will leak through the stitching. It also should be easy to move in and easy to put on and take off when wearing gloves or mitts. Shell clothing made of PVC, or similar totally waterproof but non-breathable material, is not suitable as moisture cannot escape when you are exerting energy and you become damp from the inside out! Therefore fabric breathability is very important when you are active in the mountains.

Appropriate fabrics used in thermal underwear include polypropylene, silk and merino wool. The only cotton garment worn during the climb is your glacier shirt. Warmer insulating materials can be made from fleece, softshell or Primaloft®. Varieties of fleece include Windstopper, Wind Pro, Power Shield, Windbloc, Power Dry and Power Stretch. Be aware that fleece garments that incorporate stretch fabric take longer to dry. 'Softshell' garments integrate stretchy nylon fabrics to increase freedom of movement while also providing various degrees of wind and water resistance. They are often lined with a microfleece for increased insulation. Synthetic insulation materials such as Primaloft® are advantageous as they are warm even when damp, are water resistant and quick-drying, whereas down is extremely light, warm and compact but loses its insulating qualities when wet.

JACKET / WATERPROOF SHELL:

Gore-Tex or similar waterproof breathable material. Look for a model with a full front zipper, a good attached hood with draw cord etc for good adjustability so it will fit over a helmet. Preferably, the jacket should be long enough to allow a generous overlap with your overpants when you bend over. Obviously a technical mountaineering jacket is ideal but many general purpose jackets are sufficient.

We recommend The North Face Heathen or Serac Jackets, Marmot Spire Jacket or Mountain Hardwear Typhoon Jacket



OVERPANTS

Gore-Tex or similar waterproof breathable material. These should have full length zips down the legs so they can be put on and taken off when you are wearing boots and crampons. The bib/salopette types are warmer as they extend above the lower back / kidney area giving a good overlap with your jacket. Make sure they have sufficient movement to enable you to lift your legs high and enough room to wear light pants underneath.

We recommend The North Face Venture Side Zip Pant, Marmot Oracle or Precip Pants or Patagonia Rain Shadow Pants



FLEECE JACKET OR SOFTSHELL

This can be a midweight fleece (200-300 weight) or insulated softshell with a full front zip for ventilation. Zip up pockets help avoid losing items which are stored there. A hood is also a bonus.

We recommend The North Face Scythe or Sentinel Jackets, Marmot Sharp Point Softshell, Marmot Power Stretch Full-Zip Fleece

LIGHTWEIGHT FLEECE TOP

A microweight (100 weight) fleece top is a good addition layer to keep your thermoregulation perfected. Wear it as your top layer when warm then put your midweight jacket over it when it gets colder. It can be a light fleece pullover, or have a short - or full zip. A zip chest pocket is useful for keeping sun cream and snack bars accessible.

We recommend The North Face TKA Glacier ¼ Zip, Marmot Reactor Half Zip or Mountain Hardwear Micro Grid Zip T

LIGHTWEIGHT DOWN/PRIMALOFT JACKET/VEST OR ADDITIONAL WARM MIDLAYER

An additional warm layer; either a midweight fleece, lightweight (e.g. 800-fill) down or synthetic insulated jacket. Wear over your shell during a rest break, in the hut at night, or as a midlayer if it gets really cold.

We recommend The North Face Redpoint Optimus Jacket or Nuptse Jacket or Vest, Mountain Hardwear Nitrous Down Jacket, Mountain Hardwear Compressor Insulated Jacket or Patagonia Micro Puff Jacket

CLIMBING PANTS

Stretchy softshell climbing pants with wind and water-resistant qualities. These can be used independently of your Gore-Tex pants in fine weather but do not replace Gore-Tex overpants.

We recommend The North Face Apex Elixir or Eidolon Pant, Marmot Scree Pants, Mountain Hardwear Navigation, Arcteryx Gamma LT Pants or Patagonia Alpine Guide Pant

LONG SLEEVE THERMAL TOP

Long sleeve thermal tops made of polypropylene, merino, silkweight Driclime or polyester are excellent. A high neck with a zip gives good temperature control. Bring at least two tops (one for climbing in and one for wearing in the evenings or to double up if you are really cold).

We recommend The North Face Softwool or Light ¼ Zip or Crew, Marmot Baselayer or Smartwool NTS Long-sleeved tops

THERMAL LONG-JOHNS

Thermal long-johns made of the same materials as thermal tops are lightweight and provide a change if your climbing pants are wet or too warm. They also provide lots of additional warmth if worn under your climbing pants.

We recommend The North Face Softwool Pant, Marmot Baselayer or Smartwool NTS Bottoms



*The North Face
Redpoint Optimus*



*The North Face
Sentinel*



*The North Face Apex
Elixir*



*The North Face
Softwool ¼ Zip*

COTTON GLACIER SHIRT

A long sleeved cotton shirt in a light colour keeps the sun off during those hot days on the glacier. An old office shirt is fine.

We recommend the Adventure Consultants glacier shirt, available from our office.

UNDERWEAR

Bring sufficient changes of your regular underwear. It is possible to buy polypropylene, silk or merino briefs and singlets, which are warmer and dry faster if you get wet however, most people use their normal, most comfortable underwear.

We recommend the Icebreaker Bodyfit and Patagonia Active Range

SOCKS

Have at least two complete sets with you for a trip. Wool or a mix of fibres with good thermal properties is a good choice. Often people wear combinations of thick (wool socks) and thin socks (polypropylene or ski liner socks) rather than just one thick pair. Try your socks out with your boots if possible beforehand.

We recommend Bridgedale Comfort Summit, Smartwool Mountaineering or Trekking Socks

SNOW GAITERS

Full calf-length gaiters keep the snow out and protect your overpants from crampon-snags. These need a good tie-down system under the instep to stop them creeping up at the heel and allowing snow in. A Velcro closure at the front is best for putting them on and removing them easily.

We recommend Sea to Summit Alpine GTX or Black Diamond FrontPoint GTX

HEADWEAR

BASEBALL HAT OR SUN HAT

Wide brim soft hat or baseball cap with bandana to protect you from the sun.
We recommend the Adventure Consultants Sun Hat, available from our office.

WOOLEN / FLEECE HAT

Made of wool, Windstopper or fleece, it must extend over the ears and should not have a tendency to fly off in a strong wind.

We recommend North Face Flash Fleece Beanie or Marmot Power Fleece Beanie

BALACLAVA (optional)

A polypropylene, fleece or silk balaclava.

We recommend Silkbody balaclava

GLACIER GLASSES

Preferably the glacier glasses style with side protection, though there are some excellent 'wrap around' styles available now. Light reflecting in from the side can cause lots of damage with the high levels of sunlight in the mountains. The lens should be dark enough to withstand the intense reflection from the snow (a polarised Category 3 or 4 lens is ideal), and must filter 100% of UV light.

We recommend Julbo Dolgan or Nomad, Bolle and Smith sunglasses

SNOW GOGGLES

Otherwise known as ski goggles these are required for stormy conditions. If you wear prescription glasses ensure they fit under your goggles.

We recommend Smith Phenom or Smith Knowledge OTG for those who wear prescription glasses

BUFF OR BANDANA

A lightweight cotton Buff or bandana is ideal for sun protection or added warmth.

We recommend the Adventure Consultants Buff, available from our office.



Smith Phenom



Marmot Summit Gloves



Marmot Powerstretch Gloves



Marmot Baselayer Glove

HANDWEAR

MOUNTAINEERING GLOVES with removable liner

A warm pair with a wind and water proof shell is essential. We generally use Gore-Tex (or a similar waterproof fabric) gloves with removable fleece liners so the liners can be removed to make drying easier. A good model will also have abrasion resistant palms and shaped fingers.

We recommend Black Diamond Prodigy or Marmot Summit Gloves

FLEECE FINGER GLOVES

Bring an additional pair of fleece or Windstopper gloves that can be used as spares for your removable liner gloves or doubled up if it is really cold.

We recommend The North Face Powerstretch Gloves or Black Diamond Heavyweight Gloves

FINGER / LINER GLOVES

A couple of pairs of polypropylene, silk or Driclime base layer gloves.

We recommend Marmot Midweight Baselayer Glove

BOOTS

Leather mountaineering boots are the style favoured by all of our New Zealand guides. These boots should have a full shank and come up high around the ankle for optimum support. They are often lined with Gore-Tex, making them waterproof and breathable, and a material such as Duratherm to provide adequate insulation. Although leather boots are more comfortable and lighter than plastic boots it is important to get the correct fit and to break them in before your first big trip. Different brands suit different foot shapes so try out different models. They need to be comfortable to walk and climb in for many hours.

An alternative to leathers are plastic or new-generation synthetic double mountaineering boots. These are produced by several manufacturers and are hardwearing and stable. They tend to be warmer than leather boots and the inners are removable so can be dried out at night. This is a major plus if you are thinking of taking the same boots to high altitude.

Either boot must have a reasonable sized welt at the back to accept 'clip-on' crampons.

We recommend leather mountaineering boots for most New Zealand summer mountaineering. La Sportiva Nepal EVO or Scarpa Freney are good models.

If you are planning on future winter or high altitude ascents then a plastic or new-generation synthetic double boot can be a good cross-over option. However these can be too hot in high summer in New Zealand. We recommend Scarpa Vega or Asolo Evoluzione.

NB: A lighter and softer leather boot is preferable for our FMC courses, mid-late season Aspiring Ascents and alpine rock routes. Examples are La Sportiva Trango S EVO or Scarpa Manta- ensure that your chosen model is compatible with your crampons



La Sportiva Nepal EVO



Scarpa Vega



La Sportiva Trango S EVO



Scarpa Manta

TECHNICAL EQUIPMENT

All of the following hardware items are available for hire from Adventure Consultants if necessary.

HARNESSES

The sit harness type is used for most mountaineering situations. These should be lightweight, adjustable around the waist and legs and have padded waist and leg-loops to increase comfort while at a hanging belay or practicing crevasse rescue. A specially designed alpine harness is easier to get in and out of (which is important when nature calls) and they can be put on when you have boots and crampons on. Many rock-climbing harnesses have fixed leg loops and hence cannot be adjusted for different clothing layers. Wear your mountaineering layers when trying on a harness to ensure it fits over the clothing layers.

We recommend Petzl Adjama or Black Diamond Momentum Harnesses

CARABINERS

Bring 1-2 'Pear' and 1-2 'Oval' shaped locking carabiners and 5 snap-gate carabiners

We recommend Petzl, Faders and Black Diamond Carabiners

BELAY DEVICES

You'll need one belay device. We use tubular style units which have two holes for the rope to pass through. They are lightweight, easy to use and are compatible with single or double ropes.

We recommend Black Diamond ATC-XP or Petzl Verso



Petzl Adjama Harness



Black Diamond Rocklock Locking Carabiner



Black Diamond Hotwire Snap-Gate Carabiner



Petzl Verso Belay Device

PRUSIK LOOPS

Generally 6mm kermantel cord. You will need 3 of these. They should be tied from a 3.2m length, and two 1.6m lengths. A double or triple fisherman's knot is generally used to join the ends and create the loop. Your Guide can help tie these during the trip.

We have prusik cord available for purchase.

SLINGS

Two 120cm sewn or tied lengths are required for courses and ascents, along with an unsewn 5m length of sling if you are participating in an instruction course. The short slings can be sewn slings or you can buy it by the metre and tie your own knots (also taught during the trip if needed). Sewn slings are made from tubular webbing or Dyneema / Spectra. The former is more economical whereas Dyneema slings are much lighter but more expensive and need to be replaced more frequently.

We have sewn and unsewn sling available for purchase.

HELMET

The plastic helmets designed for climbing are lightweight and designed to deflect falling ice and rocks. They also protect the head in the case of a fall. Plastic becomes brittle as it ages so if you are borrowing a plastic helmet then it should not be more than 4 years old. Composite (fibreglass/carbon fibre) helmets are also available but are generally quite heavy and can be expensive. Check the size and make sure that it will adjust for when you are wearing your hat underneath. Ski and bike helmets are not suitable.

We recommend Petzl Elios Helmet or Black Diamond Half Dome Helmet

ICE TOOLS

A wide range of good ice tools are available so it pays to know what you will be using them for when purchasing one. Some tools are brilliant for vertical ice and useless for climbing snow and vice versa. Some tools are acceptable for both.

ICE AXE

For general alpine climbing you need a straight shafted axe between 55 cm and 70 cm long depending on your height. A longer tool is more practical on moderate ground and even the

most difficult climbs have approaches and descents for which this is useful. Short axes with curved shafts and moulded hand grips are fine on hard technical ice climbs but not so suited to most alpine climbing.

The head of the axe should be comfortable to hold when using the axe as a walking stick and not have any protrusions which will dig into your hand.

The pick can be a normal curve or a 'reverse curve'. The steep picks and reverse curves hold better on steep ice, although they are more difficult to self arrest with. Many tools come with replaceable picks so check that the bolts are tight before each climb.

The adze is still used a lot for chopping steps in ice and snow and must be of a good angle to do so. Some adzes are too dropped to chop steps easily and instead are designed for climbing steep unconsolidated snow.

Shafts are either metal or glass composites and some have rubber hand grips. A rubber grip at the base of the shaft makes it easier to hold when self arresting or climbing steeper ground as well as keeping your hand warmer. The shaft must be smooth enough to be forced into the snow and should not have protrusions which can get caught up on a crusty snow surface.

The spike at the bottom of the tool should be sharp enough to penetrate hard snow.

A wrist loop is needed for support when climbing on steeper ground. The correct length allows you to hold the bottom of the shaft with the sling tight.

We recommend Grivel Air Tech EVO and Black Diamond Venom Axe

ICE HAMMER

This can be a shorter than the axe (45 cm to 60 cm) as it is often only used on the steeper sections of a climb and for hammering in stakes and ice screws. Some people find it easier to have axe and hammer the same length when climbing on steep ice but for most mountaineering terrain a walking axe with a short hammer is the best combination. The head of a hammer receives quite a lot of abuse on a climb and must be very secure with a good striking surface. The pick is generally a reverse curve at a steeper angle. Most climbers opt for a short technical tool with a bent shaft to protect the knuckles on steeper climbs.

We recommend Black Diamond Venom Hammer or Petzl Aztar

CRAMPONS

We recommend the clip-on type as they are the quickest to put on and take off which can save an appreciable amount of time on a mixed climb. Strap-on crampons are suitable if you are planning on doing mainly trans-alpine tramping trips with leather boots which don't accept a clip-on crampon. If you do have strap-ons then the 'Scottish' system is much faster to use (it has a ring on a strap over the toe). The front points of your crampons should stick out from the front of the boot about 2.5cm. Be sure to check the heel piece of the clip on crampon is compatible with your boots and stays in place when in the up position. If possible practice putting on your crampons before your trip.

We recommend Petzl Charlet Vasak Leverlock or Grivel G12 New-Matic



Grivel Air Tech EVO Axe



*Black Diamond Venom
Axe & Hammer*



Grivel G12 New-Matic



Petzl Elios Helmet

ICE-SCREWS

These range in quality and price. The two things to avoid are cheap screws and titanium screws. The rest are good quality strong ice screws. Ice-screws are available in a range of different sizes and the most suitable lengths for alpine climbing are 19cm and 22cm. Some ice screws have winders for fast placement, which are fantastic for quick placement but be aware some winders can take up room on your harness

We recommend Black Diamond Turbo Express Screws

SNOWSTAKE/PICKET

These range in quality and price. The most commonly used stakes are the T shaped stakes and the V shaped angle aluminium with a tape sling at the top. They are commercially available some with a wire anchor point at mid length which provides more versatility.

We recommend MSR Coyote Snow Picket

BACKPACK

There are many models available which are suitable. Your pack should have at least a 65 litre capacity but no more than 100 litres in volume and have an expandable lid & compression straps. Make sure the pack has attachment points for your ice axe, hammer and crampons and a top pocket.

We recommend Black Diamond Quantum 65, The North Face Prophet or Primero 65



*Black Diamond Turbo Express
Ice Screws*



MSR Coyote Snow Picket



Black Diamond Quantum 65



North Face Prophet 65

BIVVY BAG

The best types are made from Gore-Tex or a similar waterproof breathable fabric. Some models use non-breathable fabrics or ripstop nylon on the bottom and these tend to cause some moisture build up. Some designs are intended for use in the bush so will have mosquito netting built-in. These are still suitable, just a little heavier.

We recommend the North Face Flight Bivvy or Black Diamond Winter Bivvy

JUMAR/ASCENSION DEVICE (For Alpine Expedition Course Participants Only)

For use ascending fixed lines. Bring one if you have one, but there is no need to purchase one just for this course.

We recommend Petzl Ascension



Petzl Ascension

QUICKDRAWS (For Alpine Expedition Course Participants Only)

Two snap-link carabiners linked by a runner. For this course you require two quickdraws, linked with an extendable 120cm sewn sling.

CAMPING GEAR AND ACCESSORIES

SLEEPING BAG

A down filled sleeping bag is preferable as they are extremely warm, light and compact. It is a good idea to store your sleeping bag in a plastic bag inside a stuff sac in your pack to avoid it getting wet as down loses its insulating qualities when wet. A sleeping bag rated as 3 season or better (approx -5 degrees Celsius and containing anything from 550gms – 740gms down fill) is ideal for New Zealand mountaineering conditions.

We recommend Marmot Never Summer, Mountain Hardwear Piute or The North Face Blue Kazoo or, if you really desire a synthetic bag, Mountain Hardwear Lamina 20 Sleeping Bag

SLEEPING BAG LINER

If you are hiring a sleeping bag you must use a sleeping bag liner which can be silk, cotton or a thermal material. A liner can also be useful to increase the warmth of your bag and to help keep your own sleeping bag clean.

We recommend SilkSak and Sea to Summit Thermolite Reactor Liners

THERMAREST & FOAM MAT

Depending on your trip and conditions in the mountains you may need a sleeping mat. A full-length closed-cell foam mat and/or a lightweight thermarest are used depending on route and conditions – check with us prior to your trip what is likely to be required.

We recommend Thermarest Prolite Plus

HEADLAMP

You will need a good headlamp and don't forget spare batteries.

We recommend Petzl MYO XP or Tikka XP2 Headlamp

WATER BOTTLE

The wide mouth plastic bottles are best. Camelbak style water bladders are good in theory but can often freeze and are easily punctured. It pays to have sufficient capacity to carry two litres as you dehydrate easily in the dry mountain air. If you like add an insulated flask for hot drinks.

We recommend Nalgene Bottles and Primus C+H Vacuum Bottle



Marmot Never Summer Bag



Thermarest Prolite Plus



Petzl MYO XP



Nalgene Water Bottle

SUN BLOCK & LIP CREAM

A small bottle or tube of maximum protection sun block. Lip balm (with SPF 15 or higher) is worth carrying in your pocket for application during the day.

We recommend Piz Buin or Snow Skin Sunscreen

SMALL TOILET BAG

Bring a small toilet kit - flannel, wet wipes, small towel, some soap, toothpaste and toothbrush. If you are going on a week long trip, a small bottle of liquid soap/shampoo can be nice.

SMALL FIRST AID KIT

A basic personal first aid kit is necessary. Blister tape, 2nd skin (optional), gauze pads, crepe and triangular bandages, painkillers. Also any personal medication required. *(Please remember to inform your guide if you are on prescription medicine)*. Store the first aid kit in a waterproof container, a plastic bag inside a stuff sack is often adequate.

We recommend Aide First Aid Kits

PLASTIC BOWL, CUP and SPOON

A light non-breakable bowl and spoon. The cup can be stainless steel, tin or non breakable plastic, though hot drinks in stainless steel/tin burn your mouth easily. A thermal mug with a lid is ideal.

We recommend Lexan Bowl, Light My Fire Spork & Sea to Summit X-Mug and X-Bowl.

HUT SHOES / RUNNING SHOES

A lightweight pair of running shoes, sandals or Crocs can be nice to wear around the hut in the evening or on the walk out down valley.

NOTEBOOK & PENCIL

Preferably waterproof paper notebook or wrapped in plastic bags.

TOOL KIT / POCKET KNIFE

The Swiss Army style, Leatherman, or other equivalent. Choose a lightweight model.

We recommend Victorinox Climber, Leatherman Juice C2 or Gerber Vice

STUFF SACKS AND PLASTIC BAGS

For keeping your gear organised and dry.

We recommend Sea to Summit Stuff Sacks and Dry Bags

MAP

The relevant map can be bought at our office along with guidebooks and other publications.

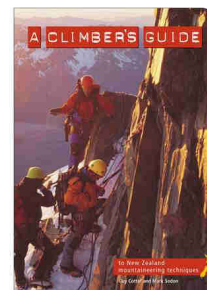
COMPASS

Any compass which is suitable for orienteering will do. Remember that the magnetic declination is different in the Southern Hemisphere so compasses designed for the Northern Hemisphere will stick if you try to use them here.

We recommend Silva Ranger 3

NOTE BOOK and PENCIL: Preferably waterproof paper notebook or wrapped in plastic bags.

A CLIMBERS GUIDE TO NEW ZEALAND MOUNTAINEERING TECHNIQUES by Adventure Consultants Guides Guy Cotter & Mark Sedon: To practice skills already attained and to ensure you are using the right techniques on the right terrain. All course participants receive a copy of our book and this can also be purchased at our office for NZ\$25.



OPTIONAL EXTRAS

LIGHTWEIGHT TREKKING PANTS

These can be nice to wear during the walk out on a hot summer's day, or to the crag rock climbing.

ROCK SHOES

Bring these if you have them as a days rock climbing may be incorporated into your course or climb and can be a good wet-weather alternative.

WINDSHIRT (optional but a Guide's Favourite)

A light and slightly insulated interim layer that can be worn outside on windy (but not too cold) days. If you have one of these you can reduce the weight of your down jacket. More layers equal greater versatility and better thermoregulation all round.

We recommend Marmot Driclime Windshirt, Patagonia Mens/Womens Alpine Wind jacket

EARPLUGS

Can be a good idea if sharing a hut with a snorer!

TREKKING BOOTS

These can be useful for some alpine rock routes or for alternative activities if conditions in the high mountains are unfavourable.

TREKKING POLES

These are useful for taking the strain off your knees, improved balance on rough terrain or walking through deep snow. Larger sized snow baskets are better than small trekking baskets.

We recommend Leki and Black Diamond Poles

PERSONAL ENTERTAINMENT

Consider taking an iPod and/or a good (lightweight) book.

AVALANCHE TRANSCEIVER, SHOVEL AND PROBE AND SNOWSHOES

Early spring conditions can necessitate these avalanche safety items which we will supply free of charge if required. However, if you have your own then bring them along so you can learn how best to use your particular model.

Transceivers are used to locate a buried victim in the least amount of time possible. If purchasing a transceiver, look for a digital model that is easy to use. All avalanche transceivers transmit on the same 457kHz frequency and are compatible with all other analogue or digital models. Avalanche probes are made up of multiple aluminium sections, tensioned by a cable, and extend to form a 2-3m pole for probing avalanche debris. Your shovel should be a lightweight, avalanche-specific model. Plastic shovels are not recommended. A telescopic handle and a large, metal blade will allow you to move more snow quickly. The latest models of snowshoe are lightweight with ice-claws for firmer snow conditions.

We recommend BCA DTS Tracker Transceivers and Black Diamond Shovels and Probes and MSR Denali Evo Ascent Snowshoes



BCA DTS Tracker



Black Diamond Deploy 3



Black Diamond Super Tour 265



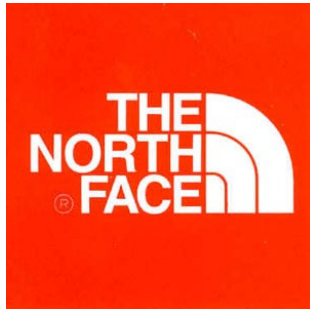
MSR Denali Evo Ascent

PLEASE CHECK YOUR EQUIPMENT LIST. THERE MAY BE OTHER REQUIREMENTS NOT LISTED HERE.

PRICES MAY CHANGE FROM THOSE ADVERTISED.

Please do contact us if you have any queries at all about the climb or your course.

We look forward to meeting and climbing with you in the summer of 2011 / 2012.



Black Diamond™



BlueWater Ropes

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