



EAGLE SKI CLUB

Backcountry Equipment

for
Ski Traverses in North America

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Eagle Ski Club





Backcountry Equipment Topics

- Context & trade-offs
- Logistics & Caches
- Tents
- Sleeping gear
- Stoves, food etc
- Navigation & Communications
- Clothes & personal comfort
- Carrying it all

Some ESC traverses

Randolph Glacier Inventory,
GLIMS

Hayes Range

Rockies Traverse
(Central & South sections)

Franklin Traverse
(Mt Waddington)

Lilloet Glacier
Traverse

Bugaboos to Rogers Pass

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Google Earth

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Image Landsat / Copernicus
Data SIO, NOAA, U.S. Navy, NGA, GEBCO
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400 km





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Caching

- Heli drop en route (Clemenceau)
- Carry up (e.g. Peyto Hut)
- Customs restrictions (go vegan!)
 - *I just flew into Calgary this morning and I asked specifically about bringing freeze dried food containing meat products. The customs agent confirmed they are not permitted*
- Pre-organised:
 - Heli drop outside National Park (Freshfield, Mons Hut)
 - Canada sourced (e.g. MEC)







Backcountry Equipment Topics

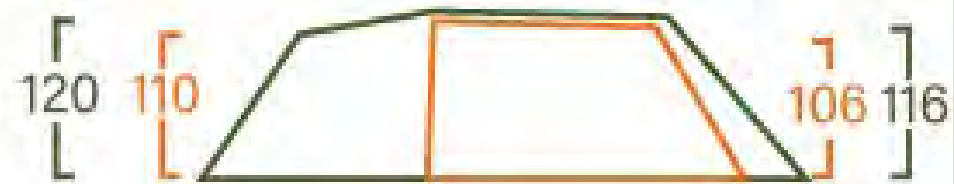
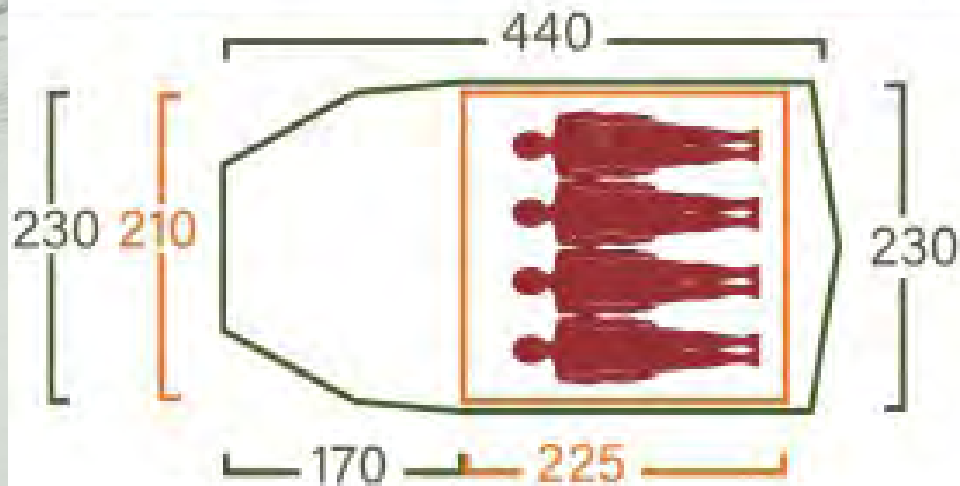
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Tent discussion ... South Rockies

Marmot Thor 2p	2 person, 4 season; well ventilated	Steve	3.6kg	1.8 kg
Helsport Isfjell 4	4 person, 4 season, lightweight, good ventilation. Snug for 4, comfortable with 3	Steve	3.8kg	0.950 kg (4) 1.27 kg (3)
Terra Nova Quasar	2 person, 4 season	Paul	4 kg	2 kg
Bibler I tent	2 person, 4 season, 2 door, vestibule	Steve M	2.3kg	1.15 kg
Terra Nova Ultra Quasar	2 person, 4 season, 2 door	Susie	3.2kg	1.6kg
Terra Nova Polar Lite 2	2 person 4 season	Hire	1.95kg	0.95kg
Micro Tent hire				
BD Hilight	2 person	Jack	1.18 kg	0.59 kg
BD M...	communal cook tent	Jack	1.05 kg	120 g

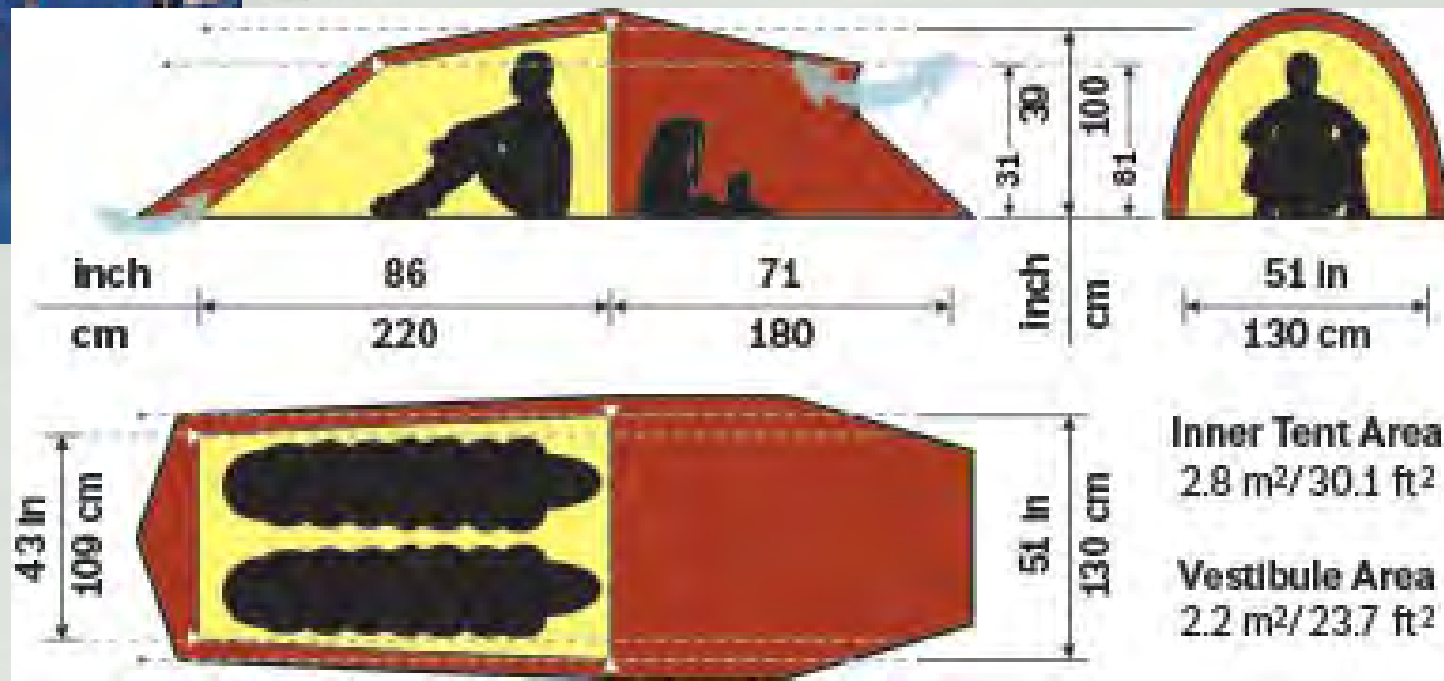
Helsport Fjellheimem

c. 0.62kg pp cf 1kg for Isfjell



Hilleberg Nallo GT

(1.2kg pp) Hilleberg RED category, rather than BLACK



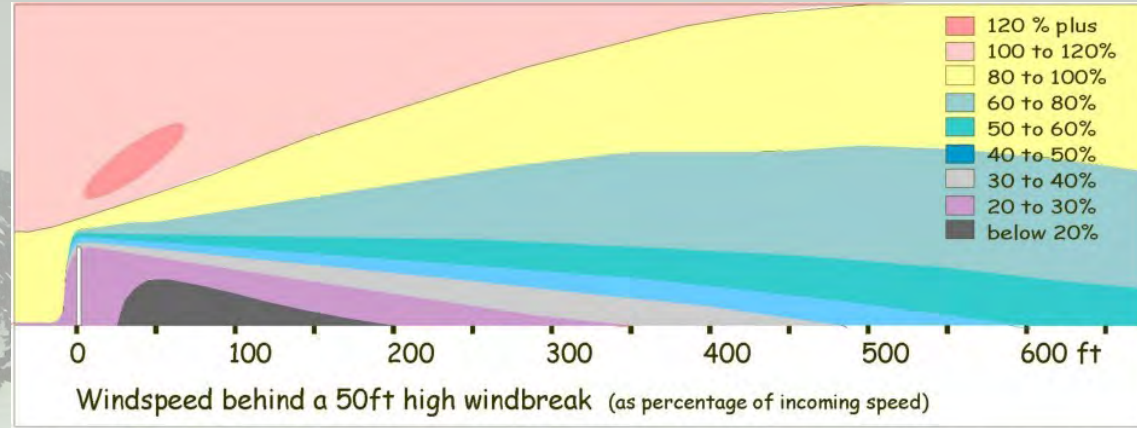
BD Hilight

(0.6kg pp, for tough guys)



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Wind shelter





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Investment makes a difference ...

PHD

Hispar 800 Down Sleeping Bag: K Series

Warmth to weight taken to the limit with our 'K Series' version of this high altitude and expedition lightweight. Ideal for moving fast in extreme environments

Typical Operating Temp: **-33°C** (-27.4°F)

Weight: **1,100g** (39oz)



RAB

The Summit 800 is a mid-weight down-filled sleeping bag, designed for year-round mountain use.

Specifications

Pack Size: 24 x 42cm/9.4 x 16.5in

Weight: **1300g** (Standard) | 1385g (Extra Long)

Down fill weight: 800g (Standard) | 855g (Extra Long)

Rab® Limit: **-15°C** (5°F) /Pertex® Endurance water resistant outer fabric

... and below (EXPED Downmat)



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Death or Life?





Fuel requirements ...

- Xtreme Gas or equivalent ?
- 4 litre water pp/pday
- 60 – 75 gms gas pp/pday from snow
- 450 gms cartridge – 6 or 7 p.days
- More with “flux pan” stoves?
- And ... Xtreme Gas ??

Group Stoves

Epigas lightweight	Very light gas stove. Fairly basic and great for burning food! Have a range of pans	Jonathan	180 g	90 g (2)
MSR Reactor	Just awesome speed of boil, 1.7 l pot (boils 1 litre) Great for 2, would probably use 2.5l pot for 3 (600g)	Steve	490g	245g (2) 200g (3) 125g (4)
MSR Whisperlite	Gas only. 1L in 6.5min. Weight inc. 1L pan no gas	Rich H	385g	193g (2)
Primus Omnilite Ti	Multifuel - gas canister or white gas. Very fast to boil and light. Stove only - no pan. Have a selection of white gas fuel bottles (300ml, 500ml, 2x1000ml).	Roger	240g	120g (2) 80g (3)
Primus Pan	1.8L flux pan+lid - suitable for 2.	Roger	400g	200g (2)
Primus Ecopower	Gas stove + 1.8L flux pan + lid - suitable for 2. Heavy.	Roger	790g	395g (2)
Jetboil Joule	Group stove - for 3-5 people. 2.5l insulated, flux pan. Fast boil and good simmer - 1litre in under 3 mins. Uses inverted gas cannister, so only takes 250g size.	Roger	800g	200g(4)



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