

ALASKA-YUKON EXPEDITION GEAR LIST FINAL							
Worn/Carried	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Base layer shirt 1	Ibex Indie Hooded L/S	9.6	9.6	-	9.6	Prefer wool for cold-and-wet conditions	Awesome for winter & shoulder-seasons
Base layer shirt 2	Ex Officio Insect Shield Halo L/S	-	-	8.5	-	Helps deter bugs; prefer LW fabric in warm temps	Very effective bug protection
VBL jacket	GoLite Storm (treated with McNett Thundershield)	8.2	-	-	-	Avoids failure of insulation due to perspiration	Not sure Thundershield completely effective
Underwear	GoLite Stride Shorts	4.7	4.7	4.7	4.7	Form-fitting, lots of stretch, useful as just shorts	Too warm as summer undees; great otherwise
Tights 1	Sugoi SubZero	7.8	-	-	-	Sufficiently warm when moving; buffer for VBL	Optimal fabric wt: warm but good moisture mgt
VBL pants	GoLite Storm	7.1	-	-	-	Applied McNett Tent Sure to stop breathability	VBL's critical in cold temps if can't dry out things
Trekking pants	GoLite Yunnan	-	10.4	10.4	10.4	Light and stretchy fabric; dry quickly	Love the fabric; fit needs improving
Tights 2	Nike Dri-Fit Thermal	-	-	-	5.7	Add'l lower-body warmth for cold/wet late-Fall	Comforting warmth and feel under rain pants
Liner sock 1	DeFeet Wooleator High Top	1.7	-	-	-	Thin moisture buffer to wear inside VBL	Longer ankle cuff preferred when wearing boots
VBL socks	RBH Designs VaprThrm Liner Sock	1.2	-	-	-	Stops sweat from permeating, freezing in boot	Prefer LW layer b/c more versatile/flexible
Insulating/Liner 2	DeFeet EcoTrekker	3.0	3.0	-	3.0	Warm and simple, durable; merino wool	Good for shoulder-seasons & gritty beach miles
Liner sock 3	DeFeet Wooleator	-	-	1.7	-	Low absorbing; expect to always be wet/damp	My go-to 3-season sock
Ski boots	Crispi Mountain 3-pin telemark (size 11)	71.4	71.4	-	-	Classic construction, excellent fit for me	Waterproofing failed in Spring, then never dried
Backcountry skis	Asnes Sondre - 205 cm, 67-57-62, full metal edge	82.3	82.3	-	-	Optimal balance of glide, weight, float, control	Imperfect, but good overall choice for conditions
Bindings	Rottefella Super Telemark 75 mm	13.1	13.1	-	-	Secured to ski with threaded insert/Helicoil	Telemark boot better for hiking than NNN-BC
Shoes	La Sportiva Fireblade (size 11.5)	-	-	28.1	28.1	LW, durable, good on technical terrain	Near-perfect if a forefoot plate were added
Overboots	Forty Below Light Energy Shortie (modified)	10.2	-	-	-	For add'l warmth; secured w/Velcro to boot base	Critical for sub-0. Velcro iced up, peeled off.
Ski gaiters	Outdoor Research Flex-Tex Gaiters (modified)	-	4.0	-	-	Stretchy, breathable; made glove-friendly	Excellent fabric, poor design
Trekking gaiters	Simblissity LevaGaiter	-	-	1.8	1.8	UL, breathable; keeps out dirt, sand, sticks	Not as necessary with pants but still worth it
Liner gloves	DeFeet Duraglove Wool	2.3	2.3	-	-	Perfect liner: not too light or thick; durable	Love this glove: 3-season standalone, winter liner
Headband	Smartwool Headband	1.0	1.0	-	-	Very versatile - for ears, or mouth/nose pro	Used extensively winter through late-spring
Balaclava	Komperdell Bamboo-Fleece	1.6	-	-	-	Protects neck, and face except mouth and nose	Critical in frigid temps; shirt hoodie fine for cold
Visor	Headswats Supervisor	1.8	1.8	1.8	1.8	Great ventilation; keeps rain, headwear off face	Useful in all seasons
Bandana	El Cheapo Wal-Mart	-	-	0.7	-	mid-trip purchase	Bandana+visor more versatile than ProTech cap
Ski poles	Asnes Holmenkollen (145 cm) w/ baskets	13.8	13.8	-	-	Wt savings make carbon fiber worth the cost	Light, stout poles; baskets ripped apart by brush
Trekking poles	Backpacking Light STIX (120 cm + after-market tip)	-	-	8.4	-	UL, very stiff; add'l tip for more durability	Excellent poles - too bad no longer available
Watch	High Gear Summit watch	2.1	2.1	2.1	2.1	Altimeter, barometer, temp, digital compass	Have been using for years
TOTAL		242.9	219.5	68.2	67.2		
Other Clothing	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Synthetic parka 1	GoLite Pinyon Ridge (Fall 2010 proto) + coyote ruff	19.9	19.9	-	19.9	Hooded, long length, synthetic fill (~150 g/m2)	Awesome jacket, esp w/ruff in blustery winds
Down parka	GoLite Hooded Inferno (modified)	20.8	-	-	-	"Go to" piece - big, puffy, warm, down-filled	Very warm for weight
Synthetic parka 2	Montbell UL Thermawrap Parka	-	-	12.5	-	Ultralight; good for AK summer, not 3-season	Heavier insulation would be worth wt penalty
Synthetic vest	Montbell UL Thermawrap Vest	-	-	-	5.1	Gives Parka add'l warmth for Fall conditions	Thankful to have for cold-and-wet packrafting
Shell jacket	GoLite Storm (Tumalo Pertex 2.5-layer)	-	10.0	10.0	10.0	Ultralight WP/B with full features	Face fabric absorbed too much moisture
Shell pants	GoLite Shadow (Gore-Tex 2.5-layer Paclite)	-	8.0	8.0	8.0	Good fit; wind and precip protection	Trusted standby
Insulated pants 1	Montbell UL Thermawrap Pants (size M)	9.8	9.8	-	9.8	Very warm for weight; for AM's/PM's, sleeping	3/4 zips make very versatile; very warm for wt
Insulated pants 2	Montbell Down Inner Pants (size L)	6.6	-	-	-	For really cold conditions; won't be moving	Nighttime-use only when temps less than -20F
Liner gloves	DeFeet Duraglove Wool	-	2.3	-	2.3	Great liner glove - light, warm, durable	Love this glove: 3-season standalone, winter liner
Shell mitts	Mountain Laurel Designs eVENT Rain Mitts	-	-	1.5	-	Seam sealed to make WP; keep liners dry	Seam sealing glue not as effective as tape
Insulated gloves 1	RBH Designs Vapor Mitt w/Altitude Liner	9.0	-	-	-	Super warm, very little dexterity; VBL lined	Proof in pudding: still have my 1-10 digits
Insulated gloves 2	Backpacking Light FeatherLite Vapor Mitts	-	3.9	-	-	Lightweight VBL mitt; part of versatile system	Warm for weight, but not durable enough
Warm hat	Turtle Fur Mohawk Earflap	4.0	-	-	-	Big ear flaps allows secure fit over head	Useful in frigid conditions; otherwise used hoods
Goggles	Oakley A-Frame w/Persimmon lens	4.2	-	-	-	Full protection for headwinds, blowing snow	Didn't use often, only when frigid & windy
Eyewear	Native Eyewear Hardtop XP	0.9	0.9	0.9	-	12% LTF lenses	Critical for snow/ice glare, nice for water glare
Sleeping socks	DeFeet EcoTrekker	-	3.0	3.0	3.0	Feet stay healthy when warm & dry at night	Feet soaked every day, but still no problems
Headnet 2	Backpacking Light UL Mosquito Headnet	-	-	0.3	-	Better ventilation - better for hiking	Too fragile for brush; superior ventilation
TOTAL		75.2	57.8	36.2	58.1		
Packing	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Pack - skiing	GoLite Pinnacle (modified)	32.4	32.4	-	-	UL winter pack, but very durable	Preferred pack for LW large-volume loads
Pack liner - non-WP	Trash compactor bag	2.3	2.3	-	-	Protection against open river fords, rare rain	Cheap and remarkably durable
Pack - packraft	ULA EPIC (2010 prototype)	-	-	40.0	40.0	Durable, good load capacity, PR compatible	Harness system versatile but unnecessary
Pack liner - WP	Sea to Summit Ultra-Sil Pack Liner 70L	-	-	3.4	3.4	For rain, or splashing/submergence on raft	Quickly becomes non-H2Oproof due to thin fabric
Stuff sacks	Sil-nylon; for accessories, pot, bag, eyewear, etc.	4.0	4.0	4.0	4.0	To organize, protect, keep clean, compress	I like 'em, especially on long trips

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Food - storage	Aloksak 12.5"x20" odorproof bags (2)	1.9	1.9	1.9	1.9	Canister more effective but too heavy	Perhaps partly responsible for no bear visits
Food - accessible	Quart-sized Ziplok freezer bag	0.2	0.2	0.2	0.2	For today's food; stored near top of pack	Cheap and effective
Map case	Quart-sized Ziplok freezer bag	0.2	0.2	0.2	0.2	Fairly durable; inexpensive to replace	Cheap and effective
Paperwork	Aloksak 12x12	1.0	1.0	1.0	1.0	Keep maps clean, dry	Bag closure seal would rip after ~1 mos
Camera	Aloksak 6x6 or Seattle Sports Micro Dry pouch	0.5	2.1	2.1	2.1	Heavy rain, saltwater justifies good protection	Next time: Sea-to-Summit .5L dry bag
TOTAL		42.5	44.1	52.8	52.8		
Sleeping & Shelter	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Shelter	Mountain Laurel Designs SoloMid (sil, w/cordage)	13.2	13.2	13.2	13.2	Pyramid shape best strength/weight ratio	Great 3-season shelter; 4-season if cautious
Winter tie-outs	4 x Nite Ize Figure 9's (small) + 20' of 3 mm cord	1.5	-	-	-	Can pitch & secure while wearing big mitts	Small wt penalty worth functionality
3-season tie-outs	20' of 3 mm cord	-	0.5	0.5	0.5	Stake out using trucker's hitch	Trucker's hitch effective in getting taught pitch
Winter stakes	2 x SMC snow stakes + 2 skis + deadman anchors	2.2	-	-	-	Guy out and bury; Figure 9's are dexterity-less	Breaking camp fastest w/deadmans - no digging
Bug shelter	Mountain Laurel Designs SoloMid Bug Bivy	-	-	8.5	-	Don't even want to think about the hatch...	Extra oz well worth the sleep benefits v headnet
3-season stakes	6 Y-stakes	-	3.3	3.3	3.3	Far superior holding power versus skewers	Good choice
Winter bag	GoLite Adrenaline 0-degree	48.0	-	-	-	UL for warmth; good to -40 F with rest of gear	Plenty warm w/clothing in coldest temps of -25F
3-season quilt	Mountain Laurel Designs Spirit 30-deg (custom)	-	19.7	19.7	19.7	Good defense for cold-and-wet conditions	Excellent quilt - very light for warmth
Winter pad	Ridge Rest Solar (spring '10 proto), full-length	15.9	-	-	-	Best weight-to-warmth ratio among pads	10% warmer than standard RR w/no wt penalty
Winter pad belt	3' of 3 mm cord w/ Nite Ize Figure 9	0.3	-	-	-	Glove-friendly system; pad unrolls without it	Worth the weight
3-season pad	Ridge Rest, torso-length	-	4.0	4.0	4.0	Planning just to use raft, extra clothing	Gave pack shape, improved sleep
TOTAL		81.1	40.7	49.2	40.7		
Hydration & Cooking	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Winter bottles	Nalgene Wide-Mouth Cantene 2 x 48-oz	5.0	-	-	-	Wide-mouth is more pouring-friendly	Wiser to have 2x48-oz v 1x3L - failure likely
3-season bottles	1L Platypus bottle	-	0.9	0.9	0.9	UL, collapsible, soft-sided for pillows	Have been using for years
Purification	none	-	-	-	-	The solution to pollution is dilution...	...and there's hardly any pollution in AK or YT
Oil-based stove	MSR Whisperlite International	9.8	-	-	-	Unleaded gas readily available; white gas not	Needed firepower to melt snow
Winter pot	MSR Titan 2L pot with lid	7.1	-	-	-	Convenient size for melting snow	Much more time-efficient than 1L
Pot grip	MSR pot grip	1.1	-	-	-	Too much handling/pouring to use hands/gloves	Minimal wt worth improved handling of hot pot
Fuel Bottle	MSR 11-oz fuel bottle w/pump	5.2	-	-	-	Use 2 oz of fuel per day, or fires when possible	Enough for 4 days if conservative with fuel use
Wind screen	MSR Windscreen & stove base	2.1	-	-	-	Weight justified by fuel efficiency, time	Worth the weight
Utensil 1	REI Chefware Soup Spoon - full-length	0.4	-	-	-	Long spoon useful in melting snow	Good choice
Utensil 2	REI Chefware Soup Spoon - half-length	-	0.3	0.3	0.3	Lighter and more compact	Love the large shovel on this spoon
Alcohol stove	Fancy Feast Alcohol Stove (homemade)	-	0.3	0.3	0.3	Very reliable & cheap; easily replaceable	Assembly instructions available on my website
3-season pot	Evernew Ultralight Ti #2 (.9L) pot with lid	-	3.5	3.5	3.5	Been using for years; perfect size, shape	Have been using for years
Fuel Bottle	Plastic 12-oz juice bottle	-	1.0	1.0	1.0	Need ~.7 oz/day, for 1.5-2 cups boiling water	Can hold enough for 2 wks of cooking
Wind screen	Aluminum foil windscreen	-	0.3	0.3	0.3	Cheap, disposable, lasts ~10 days	Cheap and effective
Ignition	20-count book of matches	0.2	0.2	0.2	0.2	UL, cheap, easy to use if not extremely windy	Matches work better with stove than lighter
TOTAL		30.9	6.5	6.5	6.5		
Ski System	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Boots, skis, bindings	See "Worn/carried" section	0.0	-	-	-	-	-
Waxing kit	Syn cork, scraper, Swix waxes	6.1	6.1	-	-	Carry ~3 waxes at a time, conditions dependent	Snowmachine track tough on waxes
Kicker skins	Black Diamond Glidelite	6.3	6.3	-	-	Klister substitute in spring; for steep climbs	Sufficient grip on all but hard steep slopes
Multi-use	Voile Ski Straps 12-inch x 2	1.1	1.1	-	-	A-frame ski-carry; jerry-rig broken ski	Very versatile
Binding repair	Posi-drive screwdriver, steel wool, extra screws	1.4	1.4	-	-	Shouldn't need: used Gorilla Glue on bindings	Never had to use
Shovel	Snowclaw Guide	5.8	5.8	-	-	To dig down, make snowcaves, snow walls	Used mostly for campsite landscaping
TOTAL		20.7	20.7	0.0	0.0		
Packrafting	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments
Packraft	Alpacka Alpaca (custom) w/spray deck	-	-	70.0	70.0	To cross lakes, fjords; float Class 1-2 rivers	A must-have for most trips in AK and YT
Seat	Inflatable seat, bottom only (no back rest)	-	-	2.0	2.0	Improves vision; protects butt from rocks	No backrest saves 10oz: 2oz + smaller boat (8oz)
Paddle	Sawyer Packrafting Paddle + drip rings (custom)	-	-	26.0	26.0	Lightest paddle w/enough power, durability	Liked simplicity of fixed-length shaft
Inflation	Alpacka Inflation Bag	-	-	3.5	3.5	Weight offset by time savings over using lungs	Especially worthwhile when ferrying often
PFD	Mountain Laurel Designs Mopacka	-	-	4.0	4.0	Not officially a "PFD"; has pockets for bottles	A "just in case" PFD that I never had to rely on
PFD floatation	Platypus bottles: 3 x 2.4L	-	-	3.9	3.9	Fill up bottles with air, then secure in PFD	Should equate to 15lbs of float
Pack tie-down	2 x 60-in straps with ladder-loc buckle	-	-	1.0	1.0	Ultralight and simple, very secure	Less fidgety and more secure than p-cord
Stern grab line	4' of 2.5mm p-cord	-	-	0.1	0.1	Shallow "V" between both stern tiedowns	Useful for short-distance carries

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Nozzle leash	Bailing wire "noose" around nozzle + 6" of cord		-	0.2	0.2	Nozzle rotates freely; no twisting of cordage	Great system until wire rusted and snapped	
Paddle & raft leash	2 x 3' 2.5 mm p-cord - anchored to raft, shaft, PFD		-	-	0.5	0.5	Ocean & lake use only, not on rivers	Used sparingly
TOTAL		0.0	0.0	111.2	111.2			
Recording	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments	
Photo & video 1	Panasonic Lumix LX3 (w/battery and SD card)	9.4	9.4	-	-	High-end compact: 10 MP, 24-60 mm Leica, RAW	Good images for size, frustrated by 60mm zoom	
Photo & video 1	Canon S90 (w/battery & SD card)	-	-	7.0	7.0	mid-trip purchase	Smaller, lighter, better images than LX3	
Writing 1	Bic pens - red and black	0.2	0.4	0.4	0.4	To mark up maps, write notes	Carry a few sheets of paper too for long writings	
Writing 2	Mechanical pencil	0.2	-	-	-	Ink pen freezes; space pen too much \$	Pencil not as permanent on maps	
TOTAL		9.8	9.8	7.4	7.4			
Hygiene, Med, Repair	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments	
Toothbrush	Toothbrush	0.3	0.3	0.3	0.3	Twice a day	Needed new one about halfway through	
Soap/toothpaste	Dr. Bronner's soap in BPL dropper bottle	0.5	0.5	0.5	0.5	My dentist is shocked that my teeth stay clean	Just a few drops creates lots of suds	
Skin care	Sportslick, Hydropel, Bacitracin	1.3	1.3	1.3	1.3	Prevent chafing & maceration; antibiotic	Wise to carry antibiotic given remoteness	
Face & lip protection	Dermatone Z-Cote	1.0	1.0	-	-	Sunscreen, wind protection, moisturizing	Critical for winter and spring	
Multi-use tape	Duct tape - 5 ft	0.5	0.5	0.5	0.5	Multi-purpose, hundreds of uses	Rarely used	
Skin tape	Luekotape - 1-ft rolls on mail label backing	0.2	0.2	0.2	0.2	Great skin tape; label backing retains stickiness	Mail label backing works great	
Meds	Ibuprofen and NoDoze	0.5	0.5	0.5	0.5	Muscle/tendon inflammation most common injury	Heaviest use in beginning when breaking in	
Bath tissue	Natural materials if available; if not, Charmin	0.3	0.3	0.3	0.3	Very useful in winter: pre-snowmelt, pre-leaves	Using alder or willow leaves very gratifying	
Sewing kit	4 needles (in bubble wrap) + 4 m of Glide floss	0.3	0.3	0.3	0.3	To make small repairs to gear, clothing, raft	Only clothing needed repair - rips from brush	
Glue - hard dry	Single-use Crazy Glue (2-4 per maildrop)	0.2	0.2	0.2	0.2	Multi-purpose	Good for fast, non-critical repairs	
Glue - flexible dry	McNett Aquaseal	1.0	1.0	1.0	1.0	3/4-oz tube	Used to repair raft seat, seal shelter seams	
Boat repair	Patch-N-Go kit	-	0.1	0.1	0.1	Patch for urethane fabrics, alcohol swabs	Never used	
TOTAL		6.1	6.2	5.2	5.2			
Lighting	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments	
Primary light	Petzl Tikka XP, no batteries, no strap	1.0	-	-	1.0	17 hrs by mid-Apr; won't need again until Sep	Heavier and not as bright as Fenix LD01	
Strap	Waist strap for Tikka XP, rather than headband	0.8	-	-	0.8	Better depth perception from this angle	Greatly enhances functionality of light	
Summer/head light	Fenix LD01 w/Li AAA battery w/brim clamp	1.0	1.0	1.0	1.0	Amazing brightness for wt, one AAA	Incredible light - a new standard piece of gear	
Batteries	3 x AAA alkaline and/or 1 x AAA lithium	1.6	0.3	0.3	1.6	Tikka XP can't use Lithium; Fenix can	Li worth cost: lighter, longer-lasting, work in cold	
TOTAL		4.4	1.3	1.3	4.4			
Safety & Sanity	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments	
Wildlife defense	UDAP Bear Spray (7.9-oz size)	-	12.0	12.0	12.0	Lighter, more effective than gun	Never used but was close a few times	
Communication	Iridium 9505A US + A/C charger	11.0	11.0	11.0	11.0	Reliable comm on entire route; can Tweet too	A very wise choice for remote solo trips up there	
Fire starting kit	Flint & steel + cotton tabs in 5x4 Aloksak	1.0	1.0	1.0	1.0	Will make fires too to warm up, dry out	Had a fire at least every other day	
Fishing	50 ft of 20-lb test line, jig lures (3), a stick	-	0.5	0.5	0.5	Can compliment food if I run out or get raided	Never used	
Bugs	Sawyer Premium Maxi Insect Repellent	-	-	0.6	-	98% DEET; may be toxic, but preserves sanity	Applied judiciously to exposed skin - hands, neck	
Knife	Victorinox Classic penknife	0.8	0.9	0.9	0.9	All that I've ever needed; mostly use scissors	Remains "all that I've ever needed"	
TOTAL		12.8	25.4	26.0	25.4			
Miscellaneous	Item	Late-Winter	Spring	Summer	Early-Fall	Pre-Trip Comments	Post-Trip Comments	
Wallet	Aloksak 4x5	0.4	0.4	0.4	0.4	Need to have things waterproofed	Simple and effective	
ID & money	Drivers license, credit card, debit card, cash	0.7	0.7	0.7	0.7	Always carry cash for small, local businesses	\$USD accepted everywhere in Yukon	
Compass	Suunto M-2 Compass w/lanyard	1.4	1.4	1.4	1.4	Lightest/smallest compass with decl adj	Slow needle, perhaps due to being far north	
GPS	Garmin Geko 301	3.1	-	-	-	For flat, landmark-less western AK coastline	Not necessary but could have been very helpful	
Thermometer	REI Zip-O-Gauge	0.2	-	-	-	Kicks-and-giggles, and to decide proper wax	Coldest reading: -25F	
TOTAL		5.8	2.5	2.5	2.5			
TOTALS POUNDS								
(A) ITEMS ALWAYS WORN OR CARRIED, OR NOT IN PACK		15.2	13.7	4.3	4.2			
EMS SOMETIMES WORN OR CARRIED, OR ALWAYS PACKED, A.K.A. "BASE WEIGHT"		18.1	13.4	18.6	19.6			
(A) + (B) = FULL OUT-OF-SKIN WEIGHT		33.3	27.2	22.9	23.8			