

**Comparison of Weight Savings 1999, 2001 and 2007 Sierra Trips**

(Note: this is not a complete list)

	SUL		UL	Heavy
<b>2007 Food and food storage*</b>	<b>2007</b>	<b>2001 Food and food storage*</b>	<b>2001</b>	<b>1999</b>
4.5 days, 24oz/day, (5 days/4 nights)*	6.75	Food 1.6 lb per person x 6 days (2) bearikade weekenders 1.8, and (1) expedition 2.2 for 4 people	9.80	15.00
Shared silnylon bag and dyneema hanging cord	0.17		1.45	2.75
Total per person	6.92	Total per person	11.25	17.75
<b>Savings vs. 1999</b>	<b>10.8</b>	<b>Savings per person vs 1999</b>	<b>6.5</b>	
<b>Savings vs. 2001</b>	<b>4.3</b>			
* For food, note that in each subsequent trip we covered more miles over more difficult terrain with less food.				
<b>Selected Clothing</b>		<b>Selected Clothing</b>		
7 oz rain jackets (no rain pants)	0.44	Marmot PeCip .8, Sirocco Smock .5, (2) nylon ponchos .75 (no rain pants)	0.70	2.20
Synthetic UL vest 5 oz	0.31	(3) Cirrus vests .5, (1) down vest .8	0.60	2.00
No camp footwear	0.00	No camp footwear	0.00	1.60
Extra socks (1 pr trail running)	0.12	Extra socks (1 pr trail running)	0.15	0.80
wool gloves, fleece balacalva, spinn stuff	0.18	Gloves, headwear, silnylon stuff	0.30	0.60
Total per person	1.05	Total per person	1.75	7.20
<b>Savings vs. 1999</b>	<b>6.2</b>	<b>Savings per person vs 1999</b>	<b>5.5</b>	
<b>Savings vs. 2001</b>	<b>0.7</b>			
<b>Packs</b>	<b>2007</b>	<b>Packs</b>	<b>2001</b>	<b>1999</b>
Simple rucksack (home made)	0.63	GoLite Breeze	0.9	6.9
		GoLite Gust	1.2	6.5
		Wild Things AT (mod'ed)	1.8	6.1
Total per person	0.21	Total per person (average)	1.3	6.5
<b>Savings vs. 1999</b>	<b>6.3</b>	<b>Savings per person vs 1999</b>	<b>5.2</b>	
<b>Savings vs. 2001</b>	<b>1.1</b>			
<b>Shelter (shared by two)</b>	<b>2007</b>	<b>Shelter</b>	<b>2001</b>	<b>1999</b>
10x8 Spinnaker Tarp (Spinn Twinn)	0.56	10x10 Oware tarp 1.25, 8x10 ID SiTarp .9, stakes .6	2.75	8.00
		Campmor emergency. blanket .3, (2) ponchos		
		0.0 (incl in rainwear)	0.30	1.50
Polycryo Ground Cloth	0.13	Total per person (average)	0.76	3.17
Total per person	0.34	<b>Savings per person vs 1999</b>	<b>2.4</b>	
<b>Savings vs. 1999</b>	<b>2.8</b>			
<b>Savings vs. 2001</b>	<b>0.4</b>			
<b>Sleeping</b>	<b>2007</b>	<b>Sleeping</b>	<b>2001</b>	<b>1999</b>
Hoodless down bag	1.13	Marmot Hydrogen 1.4 and Arroyo 1.8, WM		
Spinnaker stuff sack	0.03	UltraLite 1.7, REI sub-kilo 2.1	1.75	3.20
very small foam pad	0.22	Silnylon stuff sack	0.10	0.25
Total per person	1.38	foam pad .3, foam pad .4, (2) ridge rest .6	0.50	1.10
<b>Savings vs. 1999</b>	<b>3.2</b>	Total per person	2.35	4.55
<b>Savings vs. 2001</b>	<b>1.0</b>	<b>Savings per person vs 1999</b>	<b>2.2</b>	
<b>Stove and cooking (shared by two)</b>	<b>2007</b>	<b>Stove and cooking (shared by four)</b>	<b>2001</b>	<b>1999</b>
Trail designs Caldeara + alcohol stove for two	0.06	Snowpeak giga and windscreen	0.30	2.83
1.1 L SUL titanium pot for 2	0.09	1.9 L titanium pot	0.50	2.20
Alcohol & fuel bottle for two	0.19	450 g Primus fuel canister	1.30	1.40
cheap supermarket storage container (bowl/cup)	0.04	2 ti and 2 plastic cups	0.50	0.90
Total per person	0.19	Total per person	0.65	2.44
<b>Savings vs. 1999</b>	<b>2.3</b>	<b>Savings per person vs 1999</b>	<b>1.8</b>	
<b>Savings vs. 2001</b>	<b>0.5</b>			
<b>Some Misc. Odd and Ends</b>	<b>2007</b>	<b>Some Misc. Odd and Ends</b>	<b>2001</b>	<b>1999</b>
Platypus reservoirs	0.14	Platypus reservoirs	0.20	0.50
Sunscreen 1 oz tube for two	0.03	Sunscreen 1 oz tube per person	0.05	0.30
First aid kit 1.5oz	0.09	First aid kit 5 oz and 3 small 1 oz kits	0.13	0.70
Photon microlights & LED Lites	0.05	Photon microlights & LED Lites	0.05	0.55
Pocket knife e.g. SA classic	0.05	Pocket knife e.g. SA classic	0.05	0.30
small shared pack towel	0.04	No pack towel	0.00	0.20
Custom maps	0.03	Maps 5 oz guidebook pages 1.5 oz	0.10	0.30
Total per person	0.43	Total per person	0.58	2.85
<b>Savings vs. 1999</b>	<b>2.4</b>	<b>Savings per person vs 1999</b>	<b>2.3</b>	
<b>Savings vs. 2001</b>	<b>0.1</b>			
		<b>Total of above weight savings vs 1999</b>	<b>25.8</b>	<b>Total weight</b>
				<b>44.5</b>
<b>The Rest</b>		<b>The Rest</b>		
Almost everything not listed abover is slightly lighter - Take fewer things		Almost everything is lighter, take less things		
Total per person	4.3	Total per person	6.3	10.5
<b>Savings vs. 1999</b>	<b>6.2</b>	<b>Savings per person vs 1999</b>	<b>4.2</b>	
<b>Savings vs. 2001</b>	<b>2.0</b>			
<b>2007 Savings VS. 1999</b>	<b>40</b>	<b>2001 Savings VS. 1999</b>	<b>30</b>	
<b>2007 Savings VS. 2001</b>	<b>10</b>			

<b>2007 Total Pack weight</b>	<b>15</b>	<b>2001 Total Pack weight</b>	<b>25</b>	<b>1999 Total Pack weight</b>	<b>55</b>
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