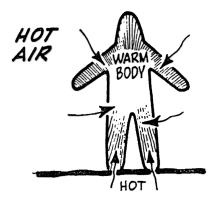
Comfort in the Outdoors

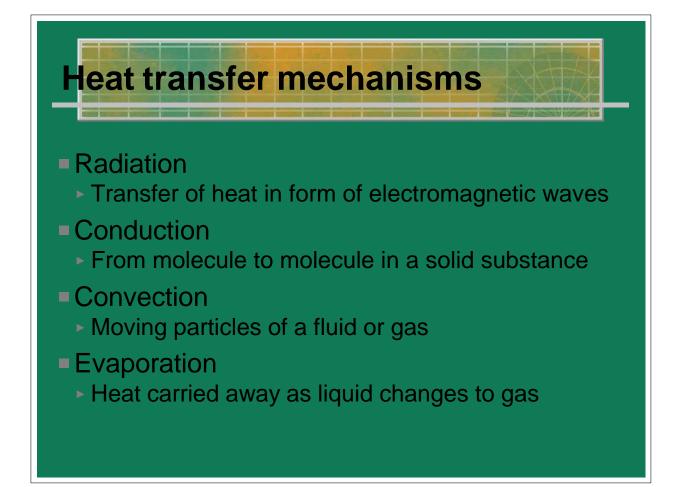
Introduction to Backcountry

Heat flow principle: hot to cold

Hot air to colder body

- 98.6 degrees
- Air temps can exceed.
- Radiant temp transfers from sun higher than air temp

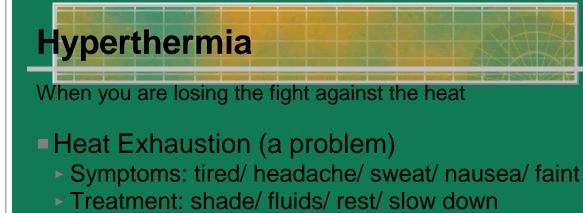




The fight against the heat

- Strategy # 1 Do something different
- Acclimatize when possible (slow adjustment)
- Maintain adequate hydration
- Limit physical activity (siesta)
- Seek shade
 - Hats/ tarps/ trees
- Remove insulators
 - Add wet materials if possible

90% 80% 70% 60% 50% 40%		Temperature (F) versus Relative Humidity (%)					
	%	50% 4	60%	70%	80%	90%	°F
85 84 82 81 80 79	79	80	81	82	84	85	30
101 96 92 90 86 84	84	86	90	92	96	101	35
121 113 105 99 94 90	90	94	99	105	113	121	90
133 122 113 105 98	98	105	113	122	133		95
142 129 118 109	109	118	129	142			100
148 133 121	121	133	148				105
135	135						110
Possible Heat Disorder:				order:	ossible Heat Dis		HI
							0°F - 90
Possible Heat Disorder: 13 90°F Fatigue possible with prolonged exposure and physical activity.	13	physical activity ssible.	exposure and t exhaustion po	with prolonged amps and hea	atigue possible v	i"F	110 ні



- Heat Stroke (an big problem/ emergency)
 - Symptoms: skin hot & dry/ skin flushed/ temp up
 - Treatment: immediate cooling/hospital transfer

