
Stoves for the Backcountry

Backpacking Stoves

Do's and Don'ts

- Use when fire danger is high
 - Use when natural fuel supply low
 - Use when resource management agency requires
 - Never use in an enclosed space
 - Avoid fuel spills and flare-ups
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Factors to Consider to Purchase

Backpacking Stoves

- Fuel type
 - Fuel availability
 - Weight
 - Frequency of repair
 - Ease of repair in field setting
 - Burning efficiency
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Types of Fuel

Backpacking Stoves

- White Gas
 - Kerosene
 - Butane
 - Propane
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Fuel Characteristics

White Gas Backpacking Stoves

- Most popular
 - White gas available in US & Canada but not in international settings
 - Fuel very flammable (explosive)
 - Works well in colder conditions
 - Stoves require priming
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Fuel Characteristics

Kerosene Backpacking Stoves

- Kerosene has world wide availability
 - More difficult in cold temps than white gas
 - Spills smell longer
 - Slower flame spread (safer perhaps)
 - Lower cost fuel
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Fuel Characteristics for Butane & Propane

Backpacking Stoves

- Fuel comes in disposable cartridges
 - More expensive than Kero & White
 - Butane not vaporize in cold temps
 - Simplicity of use - no priming
 - Low pressure with low fuel
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