

## Equipment (supplies) To Bring

Before field camp begins you need to decide what supplies you lack and purchase them. We will be 100 miles from the nearest Wal-Mart. This is the rural west. We will make one supply stop while traveling from Salt Lake City to our field area on the first day of field camp. Be prepared to purchase all the equipment you are lacking then.

The weather in Idaho can vary from wet and cold with temperatures in the 30s to hot and dry in the 90s. Sometimes a 40o F temperature change can occur within a few hours, and extremes above and below normal temperature can happen. We will work in all weather, so bring the appropriate clothing and field gear. The terrain will vary from rolling sage and cactus covered hills to angle of repose slopes with pine trees. We could begin some days by wading across cold mountain streams. So, be prepared. Have your boots “broken in” and get in shape before you get there.

*Link to climate data in Mackay (close to our camp). If you look close, you will see a high of 90 early July and a low of 39 late in July 2014.*

<http://www.usclimatedata.com/climate/mackay/idaho/united-states/usid0150/2014/7>

## Camp Gear

- **Tent**- a good quality weatherproof tent. You will be living in this tent for weeks!
- **Sleeping bag, pad, and pillow** -- You will use your sleeping bag every night. Bring a light fleece blanket to put inside your sleeping bag if you think you might need it. The temperatures should not be below 35 degrees F, if that. A sleeping pad will significantly help with comfort!
- **Towels and toiletries** --including sunscreen, bug repellent, chapstick, lotion, laundry detergent etc.
- **Flashlight and batteries!**
- **Eating utensils, plate, bowl, cup**
- You do not need to bring a large backpack unless you have one and think you might use it otherwise.

## Clothing

- **Layers of synthetic fabric for warmth.** Bring three layers of insulating clothing plus a shell. (The key is to have layers, with a wind/waterproof outer layer). 1. Base shirt, 2. Mid-layer or light fleece 3. Heavy fleece, heavy sweater or jacket Wind proof shell.
- **Sweaters/fleece or work shirts.** (Two mid-weight layers are better than one heavy-weight layer).
- **Rain gear.** A waterproof rain jacket and pants are ideal. It will probably rain at some

point.

- **Hats** are necessary to protect you from sun and rain. Some people use baseball caps, others prefer straw or “floppy” hats. Something to block the sun. You will also want a fleece hat for cool weather.
- **Gloves.** Gloves are useful for warmth and protection from sharp rocks. Cotton or leather, or fleece gloves are fine.
- **Socks.** Changing socks often keeps your feet happy. Wool or polyester hiking socks.
- **Boots.** Use hiking boots, not logger's boots with heels or cheap “stylish” boots or cheap anything. You will not be a happy with bad shoes. Quality boots are essential. The moderately priced boots should work fine (normally \$75 and up). Just be sure you have a “good pair” of boots! Break-in and waterproof the boots before coming to camp.
- **Note: every year at field camp someone experiences boot failure. We hike off-trail on rocks, so we constantly scuff and damage boots. It is recommended that you bring good quality boots with as little exposed stitching as possible. If you are buying new boots, for your own sake, break them in for 2 weeks before you arrive.**
- **Sneakers** for around camp and/or sandals.
- **Long underwear.** Long underwear is good to wear on cold days/nights.
- **Pants.** Baggy, cotton or nylon hiking pants work well.
- **Shorts.** You will want shorts at some point. Long pants are recommended for field work.
- **Shirts.** A couple of long-sleeve, button-down, baggy sun shirts are best to protect you from the sun. T-shirts - Lots of these; short sleeved and lightweight long-sleeved ones. The synthetic shirts that wick perspiration away and block sun are great.
- **Belt.** Strong enough to hold hammer and Brunton compass if needed.
- **Swimsuit.** By July you'll be basking in the sun, and we may find water.
- **Bandanas.** Many uses for a couple of these.
- **Sunglasses.** It is bright at these high elevations. Another must!
- **Camp clothes** for lounging.

## Personal First Aid Kit

Someone at camp will have a complete first aid kit, but you should have a compact, basic first aid kit for yourself.

Suggestions:

- Band-Aids
- moleskin
- Painkillers/fever reducers (aspirin, ibuprofen, acetaminophen, etc.)
- Neosporin (antibiotic cream)
- adhesive tape
- allergy medications if you need them
- diarrhea medication
- wet wipes
- elastic bandage

- tweezers
- hydrocortisone/anti-itch cream
- knee brace -- If you need it, bring it; don't be proud

## Other Items You May Want To Have

- Flash drive to transfer files or download pictures or save your field camp assignments.
- Camera.
- Laptop Computer: If you can, bring it, but be aware that it probably will get dusty and that the tents have been known to blow over in thunderstorms. You will want a case that you can store it even in your tent. There will be indoor storage as needed.
- Cell Phone: We will be right at the fringe of cell phone range, but you may find you don't have service.
- Cash: you will need some cash for personal beverages, food, etc. We will prepare meals, but you may want to make that occasional market stop.

## Mapping Gear

- Day pack to hold mapping gear.
- Water bottles or Camelback -- smaller folks need at least 2 quart capacity, larger folks 3-4 quarts.
- Map board to hold maps, photos, pencils, rulers. One with a cover is necessary to protect the map from rain and snow. Make one from 9" x 11" sheets of Masonite and Plexiglas hinged with duct tape, or buy a fancy aluminum type from Miners, Forestry Supplies, Office Max, etc. You might want to bring thick rubber bands to hold your clipboard closed in the wind.
- Rock hammer
- Hand lens (10x magnification)
- Protractor/Ruler combination (metric and English units)
- Mechanical pencil with hard lead (bring lots of extra lead!). (You will lose this pencil the first week, so bring extra).
- Eraser -- several tips to fit mechanical pencil, or cartridge-style
- Colored pencils (about a dozen)
- Felt pen to label samples
- 2 black permanent ink pens. You will need these to draw your final maps. Please get them in advance, as they are at a premium at camp.
- Bruntons and field books will be supplied by the school.
- **Absolutely Essential:** Patience, enthusiasm, good humor, good attitude. Attitude is the single most important part of a successful field camp experience. If you do not want to participate whole heartedly in an intense group experience, think harder about your summer.