



Thank you for purchasing your trip with NAVTEC Expeditions. We'll do everything in our power to see to it that you have a great trip. As long time residents of Moab and Canyonlands, we love this part of the country and we like showing it to people. We are looking forward to having you along on our next adventure. We have included information here that we think will be helpful in planning your vacation.

Packing List

Following is a list of recommended clothing and other items to help you with packing. We would like to point out here that if you are on one of our whitewater RHIB trips, it is especially important to keep your duffel light. RHIB trips are great fun, but lightweight travel is a must. We do reserve the right to limit the amount of duffels you bring along on any of our trips. Glass bottles are not allowed. Please bring aluminum or plastic for beverages.

Summer

1. light-colored clothing (generally cooler during the heat of summer than dark colored clothes)
2. swim suit and fast drying shorts
3. long pants
4. t-shirt and long sleeve shirt
5. 1 or 2 pair of comfortable tennis or jogging shoes (soft soled hiking boots on jeep trips)
6. socks
7. hat with a visor — a must for sun protection
8. sunglasses with securing strap
9. toiletries, medications
10. moistening skin lotion
11. towel, washcloth & garbage bags for wet clothes
12. flashlight (extra batteries)
13. sun screen and lip balm
14. camelback or water bottle
15. sweater or lightweight jacket
16. insect repellent (30% to 35% Deet)
17. your own supply of soft drinks
18. small day pack
19. good quality rain jacket and rain pants

Spring & Fall

March, April, early May, late September, October

1. good quality rain suit (rain gear is your best friend on the river — an absolute must on spring and fall trips).
Wet suits may be required on some river trips. Check with the NAVTEC office.
2. long johns (polypropylene, capilene, or some other synthetic is best)
3. warm hat and a good warm coat (preferably made of a fast drying synthetic fiber)
4. sweater and warm camp shoes
5. gloves (neoprene or wool)
6. wet suit booties can be nice on river trips

Optional items

1. camera
2. notebook, writing paper and pencil
3. reading material, maps and guide books
4. a handful of zip lock or garbage bags (you'll find a tons of uses on the river for these handy items)

Tent and Sleeping Bag Rentals

Tent and sleeping bag rentals are available. Sleeping gear includes a sleeping bag, ground pad and ground cloth all packed together in a waterproof bag. You may bring your own sleeping bag and tent if you wish. Under these circumstances we will provide you with a waterproof bag for the sleeping gear. You will also be given a waterproof bag for personal belongings and an ammo can for cameras and things that you need handy during the day.

Meals

The cost of your trip includes all of your meals, snacks, eating utensils etc. while on the river or trail. The guides do all of the cooking, although you are invited to join in if you wish. Everyone washes his or her own plate, cup and silverware after each meal. This is traditional in our industry. We pride ourselves in our cooking skills and our outstanding meals. All ingredients are fresh, wholesome and filling. You will eat very well while on our trips. Cold water and lemonade mix are always available in camp and during the day. In camp during the evenings, coffee, tea and cocoa are also available. If you have special dietary needs, let our office know in advance. Bring your own supply of soda pop, juice or other beverages of your choice. This will be iced down and always available.

Climate

In the middle of the summer Canyonlands is hot. Day time temperatures vary from 95° F to 105° F and sometimes hotter. Night time temperatures are in the 70° F range. Of course, the humidity is low except when it rains. Rains vary considerably from year to year and season to season. Summer rains are a welcome relief from the heat. On a river trip your only protection from the rain is your rain gear. As a general rule, it doesn't rain much except during late summer when thunderstorms can be common. You should have rain gear on both 4WD and river trips.

Spring and Fall are great times to travel in the canyon country. There is little traffic on the river or in the backcountry and temperatures are perfect for hiking. Day time highs range from 70°F to 85°F with nights dropping into the 50°s or 60°s.

The following is an average temperature and precipitation chart for the Canyonlands area.

Spring Season

Mar	Avg High 61F/7C	Avg Low 32F/0C
	Avg Rainfall .79/2cm	Avg Snow 1"/2.5cm
April	Avg High 72F/22C	Avg Low 40F/4C

Avg Rainfall .76/1.9cm
May Avg High 82F/28C Avg Low 48F/9C

Summer Season

June Avg High 93F/34C Avg Low 56F/13C
Avg Rainfall 0.3"/.76 cm

July Avg High 98F/37C Avg Low 63F/17C
Avg Rainfall 0.8"/2cm

Aug Avg High 96F/36C Avg Low 60F/16C

Fall Season

Sept Avg High 87F/31C Avg Low 51F/11C
Avg Rainfall 0.7"/1.8cm

Oct Avg High 73F/23C Avg Low 39F/4C
Avg Rainfall 1"/3cm

Nov Avg High 56F/13C Avg Low 27F/3C
Avg Rainfall .65"/1.7cm Avg Snow .4"/1cm

Sun Protection

Sun protection is a must! Bring sunscreen (the higher SPF the better) and lip protection. Be sure to bring a good hat and sunglasses to help protect the head and face. A bandana or two isn't a bad idea either. These, you can dip into the river to help keep you cool. Skin lotion is necessary to replace the moisture that the desert takes away. Intake of fluids is very important during the summer month. Remember, coffee and alcohol tend to dehydrate the body.

Physical Preparation

Good general health is all that is required. We've taken folks on river and 4WD tour who have been in their 80s. We will be stopping along the way to do some hiking. Most of the hikes are short and very easy. Most everyone will be able to participate if they wish. Some hikes are more strenuous. If you like, you may stay back with the boats or vehicles and relax in the shade. This is your trip, so don't feel as if you must participate in any hike if you wish not to. We do ask that everyone pitch in and lend a hand when it comes time to unload the boats and vehicles after we arrive at the night's camp. This takes about 20 minutes. Many hands make light work. This too, is traditional in the industry. The next morning we will need help when it comes time to reload for the day's travel. If you have a bad back or other medical condition that prevents you from helping, that's perfectly fine.

Environment

The desert is a fragile and delicate ecosystem. We will be traveling on Bureau of Land Management or National Park Service lands. Each of these government bodies enforces strict environmental requirements of us as tour operators. You will be advised of these environmental requirements when you join our trip. We ask that you adhere to these policies and follow the advice of your guides.

Cryptobiotic soil crust—black, mottled crusty sand—is one of the key constituents of the desert community. It is found throughout the deserts of the world. Composed of algae, lichen, fungi and moss, it reduces wind and water erosion and also makes atmospheric nitrogen available to plants. It is extremely fragile, especially during dry, hot summers when its cohesion is weakest. Avoid stepping on it, as new data suggest the soil may take between 50 to 100 years to fully recover. Without it, vast regions will erode and plants will not grow. Tread lightly and do your best to keep to the trail when hiking.

Also, take care if you come across rock art and artifacts. The rule of thumb is: "look, but don't touch." Body oils are bad for the delicate paints and chippings. Rubbings also affect rock art by leaving paper residue on them. Removal of artifacts is against the law. Please leave them undisturbed, as archaeologists need to analyze not only the object, but its context. Remember, take nothing but pictures, leave nothing but foot prints (but, not in the crypto!).

Meeting Place

Your tour begins and ends at our office in Moab, Utah, located at 321 N. Main Street. You should meet at our office 30 minute before departure. We have parking at the office for your car and a storage room for luggage. If you are flying into Moab and need a ride from your motel to our office, call us in advance and we'll pick you up. You should check in at the office, or at least call, when you arrive in town, which is usually the day before departure. We are open seven day a week during the summer. We'll issue river bags and ammo cans to you and answer any last minute questions that you might have. Most people stay in Moab the night before the trip leaves and the night that it returns. If you need a list of hotels in the area, let us know and we'll send one off to you. Remember, if you want soda pop or other miscellaneous us beverages on the trip, you will have to buy your own. Bring it with you on the morning of your departure.

Transportation Directory

Airline (Scheduled flights)

Great Lakes Airlines 800-554-5111

Provides commuter air service to Moab from Denver & Phoenix

Airline (Charter Service & Scenic Flights)

Redtail Aviation 435-259-7421

Bus Service

Greyhound..... 800-231-2222

Daily service to Green River, UT. Stops at Westwinds Rodeway Inn

Salt Lake Express 208-317-8211

Daily Van service between Salt Lake City airport and Moab

Train

Amtrak..... 800-872-7245

Daily service to Green River, UT. 52 mile from Moab

Automobile Rentals

Arches Car Rental 435-259-4959

Enterprise Car Rental 435-259-8805

Shuttle Service

Roadrunner Shuttle Service..... 435-259-9402

Charter basis only

Moab is located in the spectacular canyon country of southeastern Utah. Moab lies in a fertile valley on the banks of the Colorado River and is home to Canyonlands and Arches National Parks. Moab has always been a difficult place to get to. That's part of what makes it a special place. Some of our customers fly to Grand Junction, Colorado, which is 120 miles east of Moab on I-70. Grand Junction is serviced by numerous air carriers. Your travel agent can help you book flights. It's a two hour drive from Grand Junction to Moab and car rentals are available.

Salt Lake City, Utah, is 240 miles north of Moab. Salt Lake City can be a better connecting city on some air schedules but is longer drive (4.5 hours).

Books, Maps & Reading Material

Following is a short bibliography of reading material about the canyon country that you may wish to purchase before or after your trip. You may order these publications through Canyonlands Natural History Association at 435-259-6003. CNHA has a comprehensive bibliography of regional publications, posters, maps & calendars that they would be happy to send you. Another good place to order reading material is from Back of Beyond Books at 435-259-5154. Both accept Visa and MasterCard.

1. Canyonlands Country: Geology of Arches and Canyonlands National Parks *by Donald L. Baars*. An excellent book describing the geology of the Canyon Country in terms that are understandable.
2. Geologic Map and Key of Canyonlands National Park *by Peter Huntoon*. A large full color geologic map of the area.
3. One Man's West *by David Lavendar*. One of the classics about the old west.
4. A River No More *by Phillip Fradken*. The political history of the Colorado River.
5. Canyon Country Hiking *by F.A. Barnes*. A comprehensive guide to hiking in the canyon country.
6. Canyonlands River Guide *by Bill and Buzz Belnap*. The much used river guide and map of the river corridor. Includes the Green & Colorado Rivers, Canyonlands National Park and Westwater Canyon.
7. A Canyon Voyage *by Frederick S. Dellenbaugh*. A classic on the adventures of the Powell Expedition of the Green and Colorado Rivers.
8. Canyons of the Colorado *by John Wesley Powell*. Powell's own description of his historic journey down the Green and Colorado Rivers in 1869.
9. Desert Solitaire *by Edward Abbey*. Abbey's accounts and reflections as a seasonal ranger in Arches National Park some years ago. Considered a classic.

We're looking forward to serving you

Please let us know if our staff at NAVTEC Expeditions can assist you with your vacation plans.

NAVTEC Expeditions 321 N. Main St. Moab, UT 84532 1-800-833-1278 | 435-259-7983 | fax 435-259-5823
info@navtec.com | navtec.com