

# Glen Canyon/Rainbow Bridge Park Guide 2012

National Park Service  
U.S. Department of the Interior

Glen Canyon National Recreation Area  
Rainbow Bridge National Monument



Above Lees Ferry  
Robert Dalegowski  
2011  
Plein Air Watercolor

## The Past is Present - Arizona History in Glen Canyon

As Arizona celebrates 100 years of statehood in 2012, Glen Canyon National Recreation Area reflects on the significant histories told at the park that contribute to the rich heritage of Arizona. Throughout Glen Canyon National Recreation Area evidence of Native American occupation with the landscape stretches back thousands of years. Their survival, culture, and values directly tie to the land. Yet not until 1872, when a humble ferry operation was established on the Colorado River, did Anglo pioneers begin settling Arizona, one of the last frontier outposts in the American West.

Lees Ferry, as the place came to be known, was the only river crossing for hundreds of miles in either direction. Its existence made it possible for hundreds of Mormon pioneers to settle Arizona. It also provided relatively easy access to the Colorado River for explorers, miners, and surveyors seeking the scientific, personal wealth, and development possibilities the river had to offer.

Their stories can still be read in the landscape when touring in and around Glen Canyon. They are scattered across the walls and floors of the canyons in the form

of broken pottery shards and rock art. Connection to the land is still vital to the cultures and values of contemporary Native American tribes. At Lees Ferry, weathered equipment of ferry, mining, and surveying operations rest in the open as reminders of where some of these stories began. Many Arizona communities that exist today still bear the names established by the early Mormon pioneers who crossed the river at Lees Ferry: Show Low, Snowflake, and Mesa to name a few. Travelers on highway 89A between Bitter Springs and Jacob Lake follow portions of a historic route known over time as the Old Mormon Wagon Road, Honeymoon Trail, and the Old Arizona Road.

Through the presence of Glen Canyon Dam and Lake Powell, the story of Colorado River development is told and explains how cities like Phoenix can exist in the desert. It is the story of the sometimes opposing, yet genuine, values of modern development and preservation.

These are stories of Glen Canyon. They are woven into the rich tapestry of Arizona's heritage.

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### Emergency Numbers

**911**

**NPS Park Dispatch: (928) 608-6300**

**or (800) 582-4351**

**Marine Band Channel 16**

**If you do not have a radio or phone, hail another boater who can call for help**

## Welcome to Glen Canyon National Recreation Area and Rainbow Bridge National Monument



National Park Service  
U.S. Department of the Interior

### Glen Canyon National Recreation Area Rainbow Bridge National Monument

**Superintendent**  
Todd Brindle

**Park Address**  
P.O. Box 1507  
691 Scenic View Rd  
Page AZ 86040

**Website/contact information**  
[www.nps.gov/glca](http://www.nps.gov/glca)  
[www.nps.gov/rabr](http://www.nps.gov/rabr)  
Email: click on "Contact Us"

**Park Headquarters**  
928-608-6200  
FAX 928-608-6259

Area Visitor Centers	Hours	Information
Carl Hayden Visitor Center	8:30am-4:30pm MST daily with extended hours in the summer	928-608-6404 <a href="http://www.nps.gov/glca">www.nps.gov/glca</a>
Glen Canyon/Rainbow Bridge Headquarters	7am-4pm MST Monday-Friday closed weekends and holidays	928-608-6200 <a href="http://www.nps.gov/glca">www.nps.gov/glca</a>
Navajo Bridge Interpretive Center at Lees Ferry	9am-5pm MST daily mid-March through mid-October	928-355-2319 <a href="http://www.nps.gov/glca">www.nps.gov/glca</a>
Bullfrog Visitor Center/ Halls Crossing Contact Station	Hours will vary Memorial Day - Labor Day	435-684-7423 <a href="http://www.nps.gov/glca">www.nps.gov/glca</a>
Dangling Rope Ranger Station	Hours will vary April through October	no phone <a href="http://www.nps.gov/rabr">www.nps.gov/rabr</a>
Big Water Visitor Center (operated by the Bureau of Land Management)	9am-5pm MT daily with extended hours in the summer	435-675-3200 <a href="http://www.blm.gov/ut/st/en/fo/grand_staircase-escalante.html">www.blm.gov/ut/st/en/fo/grand_staircase-escalante.html</a>
Escalante Interagency Visitor Center (operated by the Bureau of Land Management)	8am- 4:30pm MT daily with extended hours in the summer	435-826-5499 <a href="http://www.blm.gov/ut/st/en/fo/grand_staircase-escalante.html">www.blm.gov/ut/st/en/fo/grand_staircase-escalante.html</a>



Carl Hayden VC



Navajo Bridge IC



Bullfrog VC



Big Water VC



Escalante VC

## Ranger Programs



Scan this QR code for updated Ranger Program information.

### Carl Hayden Visitor Center A Ranger gives a talk at Rainbow Bridge National Monument

- Ranger Talks:** presented on a variety of topics. (length 15-60 min). Please inquire at the Carl Hayden Visitor Center or our website, [www.nps.gov/glca](http://www.nps.gov/glca) for schedule and topics.
- Education Programs:** Available for school groups by appointment. Contact Education Specialist at 928-608-6353 or [www.nps.gov/glca/forteachers](http://www.nps.gov/glca/forteachers). Year-round.

### Colorado River Trips

- Park Rangers are periodically scheduled on river trips and at the Descending Sheep Petroglyph Panel from Memorial Day through Labor Day.

### Wahweap Campground Amphitheater

- Evening Programs:** Park Ranger presentations on a variety of topics from Memorial Day through Labor Day. Check for schedule and topics posted at Carl Hayden Visitor Center and the Wahweap Amphitheater, or our website, [www.nps.gov/glca](http://www.nps.gov/glca).

### Bullfrog/Halls Crossing

- Ranger on the Ramp:** Park Rangers present programs on a variety of topics at the Bullfrog launch ramp from Memorial Day through Labor Day. Additional programs may be offered at other locations in the area. Contact the Bullfrog Visitor Center or visit our website at [www.nps.gov/glca](http://www.nps.gov/glca) for times and topics.

### Rainbow Bridge

- Ranger Talks:** Park Rangers at Rainbow Bridge will give presentations throughout the day. Daily May through early October.

### Navajo Bridge Interpretive Center/Lees Ferry

- Ranger Talks:** Park Rangers will give talks on a variety of subjects at the Interpretive Center, on Navajo Bridge, and down the road at Lees Ferry. Check at the interpretive center for times and topics. May through September.

### LAKE Rangers - Learn•Advocate•Know•Explore

- Park Rangers will greet boaters at their camps and give programs on the beaches on a variety of topics. Locations on Lake Powell vary. Visit our website at [www.nps.gov/glca](http://www.nps.gov/glca) for schedule and topics. Memorial Day to Labor Day.

## Fees

Glen Canyon Passes (Entrance fees are required year-round)	1 – 7 days	Annual Pass
Vehicle Entrance	\$15	\$30
Individual Entrance	\$7	
Boating	\$16 first vessel	
	\$8 each additional vessel if on the same trailer	

### America the Beautiful - National Parks and Federal Lands Passes

Interagency Annual Pass	Valid for one year in federal recreation areas which charge an entrance or standard amenity fee.	\$80
Interagency Senior Pass	Lifetime pass for any US citizen age 62 and over	\$10 one-time fee
Interagency Access Pass	Lifetime pass for any US citizen with permanent disabilities	No fee required

### Camping (entrance and boating use fees apply)

Lees Ferry	\$12 per site/night	Limits on camping: 14 consecutive days, 30 days maximum per calendar year. No camping is permitted at Rainbow Bridge National Monument.
Lone Rock Primitive	\$10 per vehicle/night Camping fees required 8pm-6am.	
Stanton Creek, Hite, Farley, Dirty Devil Primitive	\$6 per person/night (not to exceed \$12 per vehicle)	
Backcountry, Including shores of Lake Powell and Colorado River	No camping fee required	
Additional developed campgrounds, operated by the NPS concessioner Lake Powell Resorts & Marinas, are available at Wahweap, Bullfrog, and Halls Crossing. For details and rates call 1-800-528-6154.		



## Day Hikes in Glen Canyon



Pedestal Alley, Bullfrog



Horseshoe Bend, Page



Cathedral Wash, Lees Ferry

Hike	Bullfrog Area	Length	Terrain	Difficulty
Bullfrog Campground Trail	Start from Bullfrog Campground loop "B", or park at the Ferry lot and walk up to trailhead.	1.5 mile (2km) round-trip	Sandy hike, some slickrock scrambling, follow rock cairns	Easy
Pedestal Alley	From the Bullfrog Visitor Center, take Highway 276 north approximately 4.4 miles (7 km) to the marked junction with the Burr Trail. Turn left onto the Burr Trail and go about 4.8 miles (7.7 km) to the Pedestal Alley parking area. The trailhead is across the road from the parking area.	3 mile (4.8km) round-trip	Sandy and rocky, <b>must cross some washes</b>	Easy to moderate
Bullfrog Slot Canyon Trail	Park your vehicle at the Bullfrog Visitor Center and walk up or down the canyon as far as conditions permit. There is no maintained trail in the slot canyon and conditions can vary considerably with recent weather influences. Be prepared to get wet and muddy.	1 mile (1.6km) round-trip	<b>Sandy wash, must climb in and out of wash</b>	Moderate
Hike	Lees Ferry Area	Length	Terrain	Difficulty
Cathedral Wash	Drive down the Lees Ferry Rd from 89A for 1.4 miles, and park at the geology pullout. Walk across the road to enter the wash, heading downstream.	3 mile (4.8km) round-trip	<b>Rocky wash</b> , requires some scrambling	Moderate
Lonely Dell (\$1 Guide Available in Parking Area)	Lonely Dell Ranch Parking area at Lees Ferry. Park in the lot and walk towards the buildings and trees.	1 mile (1.6km) round-trip	Grassy and flat	Easy
Paria	Park in the Lonely Dell Ranch parking area and walk up past the buildings and trees to the river. The trail meanders upstream. Hike up and down the river as far as you wish. (Permit Required for Overnight Hikes - Permits available at Paria Contact Station and Kanab field office)	The entire canyon is 45 miles (72.4km) one way	<b>Sandy wash and multiple river crossings</b>	Difficult
River Trail/Lees Fort (\$1 Guide Available in Parking Area)	Park at launch ramp parking area. Walk through the historic district upstream along the Colorado River.	2 mile (3.2km) round-trip	Sandy	Easy
Spencer Trail	Park at launch ramp parking area. After walking along the River trail, Spencer Trail cuts to the left to climb the cliff.	2.2 mile (3.5km) one-way	1505 foot (457.8m) rocky climb up switchbacks	Difficult
Hike	Page/Wahweap Area	Length	Terrain	Difficulty
Dam Overlook (Free Guide Available)	From Carl Hayden Visitor Center drive south 1.5 miles (2.4km) on Hwy 89, turn west on Scenic View Road. Take the first road to the right, and park in the parking area at the end of the road.	940 ft (286m) round-trip	Walk down stairs and over sandstone	Easy
Hanging Garden (Free Guide Available)	From Carl Hayden Visitor Center, turn south on Hwy 89 and proceed across Glen Canyon Bridge. Turn off is one half mile (0.8km) east on Hwy 89. Trailhead parking is 500 yards (455m) off of Hwy 89.	1 mile (1.6km) round-trip	Rocky and sandy	Easy to Moderate
Horseshoe Bend (Free Guide Available)	From Carl Hayden Visitor Center turn south on Hwy 89. Approximately 5 miles on U.S. Hwy 89, just south of highway marker 545, turn west into the parking area, and park at the base of the hill.	1.5 mile (2.4km) round-trip	Climb up and down sandy hill, Caution: dangerous drop-off, no railings	Moderate

**On all trails, there is little to no shade, questionable cell phone reception, and no water available. Be sure to bring enough water. Wear sturdy shoes, sunscreen and a hat. Before you leave, tell someone where you are going. Check weather and road conditions before attempting any hike. Do not stand on the edge of cliffs. The sandstone is crumbly and could break out from under you. Do not hike in washes or slot canyons if there is a potential for Flash Floods!**

## Things to do in and near Glen Canyon

### Page Area

#### One Hour

- Carl Hayden Visitor Center: Exhibits about the Glen Canyon Dam, water conservation. Watch a movie about the Dam and about Glen Canyon National Recreation Area. View the aquarium featuring endangered native fish. Attend a Ranger program. Browse the Glen Canyon Natural History Association's bookstore.
- Glen Canyon Dam Tours: Follow your guide to the crest of and into Glen Canyon Dam and to the powerhouse in this 45-minute tour. You must sign up in person at the Carl Hayden Visitor Center to attend the tour. Tour price is \$5 per person. Call for times: 928-608-6072.
- Hikes: Glen Canyon Dam Overlook, Wahweap View Overlook. Bring drinking water.

#### Two Hours

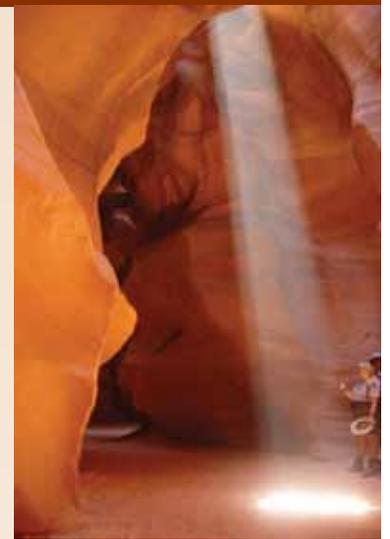
- Antelope Canyon Slot Canyon Tours: Guided tours through the famous Antelope Canyon begin in the city of Page or at the entrance to the Navajo Tribal Park on Hwy 98. 1 ½ - 2 ½ hours. Navajo Park entrance fee and guide fees required.
- Antelope Canyon Boat Tours: Take a ride on a cruise boat with knowledgeable staff into the lake entrance of Antelope Canyon and to view the back of the Glen Canyon Dam. Tours begin in the lobby of the Lake Powell Resort Lodge. 1 ½ hours. For reservations call: 928-645-1070.
- Visit the John Wesley Powell Museum in the city of Page. \$5 entrance fee.
- Visit the Big Water Visitor Center and its paleontological exhibits 12 miles north of Carl Hayden VC on Hwy 89.
- Hikes: Hanging Garden Trail, Horseshoe Bend Overlook. Bring drinking water.

#### Three Hours

- Canyon Adventure Boat Tour: Take a ride on a cruise boat with knowledgeable staff into Navajo Canyon where you will see a tapestry wall, then continue into Antelope Canyon and to the Glen Canyon Dam. Tours begin in the lobby of the Lake Powell Resort Lodge. 3 hours. For reservations call: 928-645-1070.
- There are several hikes along Hwy 89 North between Page, AZ and Kanab, UT. For information on these (Paria Townsite, Paria Rimrocks – Toadstool Trail, Bucktank Draw and Birthday Arch, Blue Pools Wash and Arch) please stop at the Carl Hayden Visitor Center. 2-3 hours each including driving time.

#### Half-Day to All Day

- Rent a boat or kayak and explore the lake. For reservations: Antelope Point Marina: 928-645-5900, Lake Powell Resorts Boat Rentals: 928-645-1070.
- Smooth Water Raft Trip: Join Colorado River Discovery for this memorable 5 hour float trip from the base of Glen Canyon Dam to Lees Ferry. For reservations call: 888-522-6644.



Antelope Canyon

### Lees Ferry

#### One Hour

- Lonely Dell Ranch: Explore the orchard, log cabins, stone ranch house, and pioneer cemetery in this 1 mile (1.6 km) walk. Picnic under the fruit trees. Bring drinking water with you, there is no potable water at the ranch.
- Navajo Bridge Interpretive Center: View the double Navajo Bridges and Marble Canyon, learn about the history of the bridges, shop the bookstore.
- In spring and fall, look for California Condors.
- Hike: River Trail/Lees Fort.

#### Three Hours

- Hike: Cathedral Wash. Bring drinking water.

#### Half-Day to All Day

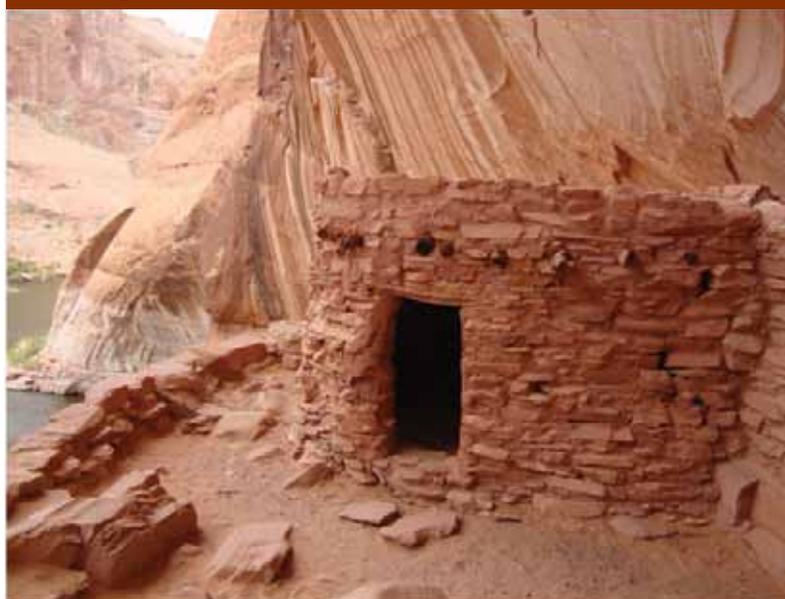
- Hikes: Spencer Trail. This historic trail climbs 1505 feet (458.7 m) up the cliff behind Lees Ferry. It is not regularly maintained but is passable to careful hikers. Magnificent views of the Colorado River and Marble Canyon. Paria River Corridor. The entire river is 45 miles one way, but you are welcome to hike any length of it you choose. Walk past the Lonely Dell Ranch until you see the river. Both hikes: bring drinking water and food.

### Rainbow Bridge National Monument

#### Half-Day to All Day

- Rainbow Bridge Boat Tour: Take a 5½ hour boat ride up to Rainbow Bridge National Monument. Travel through superb views of Lake Powell to Bridge Canyon where you will disembark and walk approximately 1¼ mile (1.6 km) on a maintained, dirt trail up to this magnificent natural bridge. Bring drinking water with you on the trail. Tours begin in the lobby of the Lake Powell Resort. For reservations call: 928-645-1070.
- Boat yourself to Rainbow Bridge: Twelve miles north of Dangling Rope Marina, turn east in to Forbidding Canyon. Boat to the dock, then walk up the trail to the Rainbow Bridge observation area.

### Bullfrog



#### One Hour

- Tour Bullfrog Visitor Center and see exhibits at Defiance House Lodge or the Bullfrog Marina
- At the Bullfrog Visitor Center, watch the 50-minute movie on the history of Glen Canyon Dam

#### Two Hours

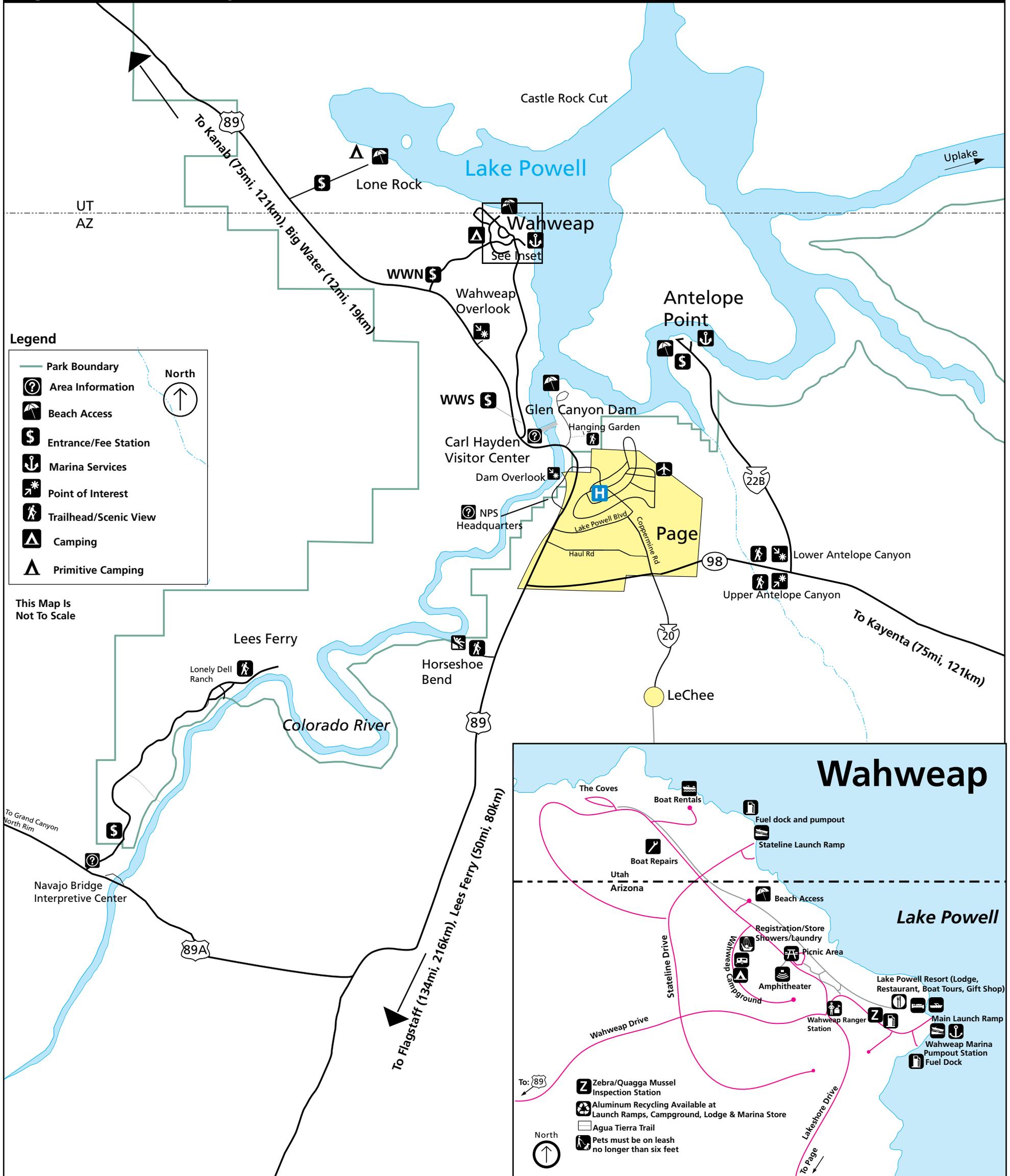
- Take a ride on the Halls Crossing-Bullfrog ferry. Walk on passes are \$10 each one-way. Call 435-684-3000 for ferry schedule.
- Hikes: Bullfrog Campground Trail, Bullfrog Slot Canyon Trail.

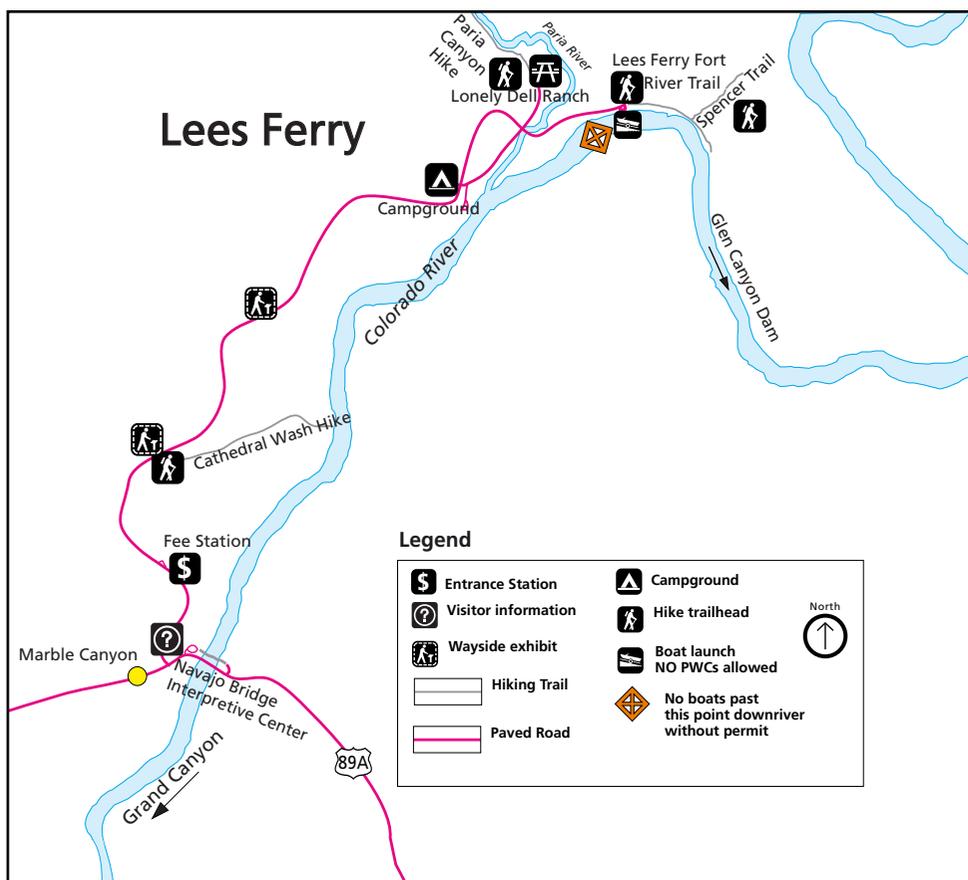
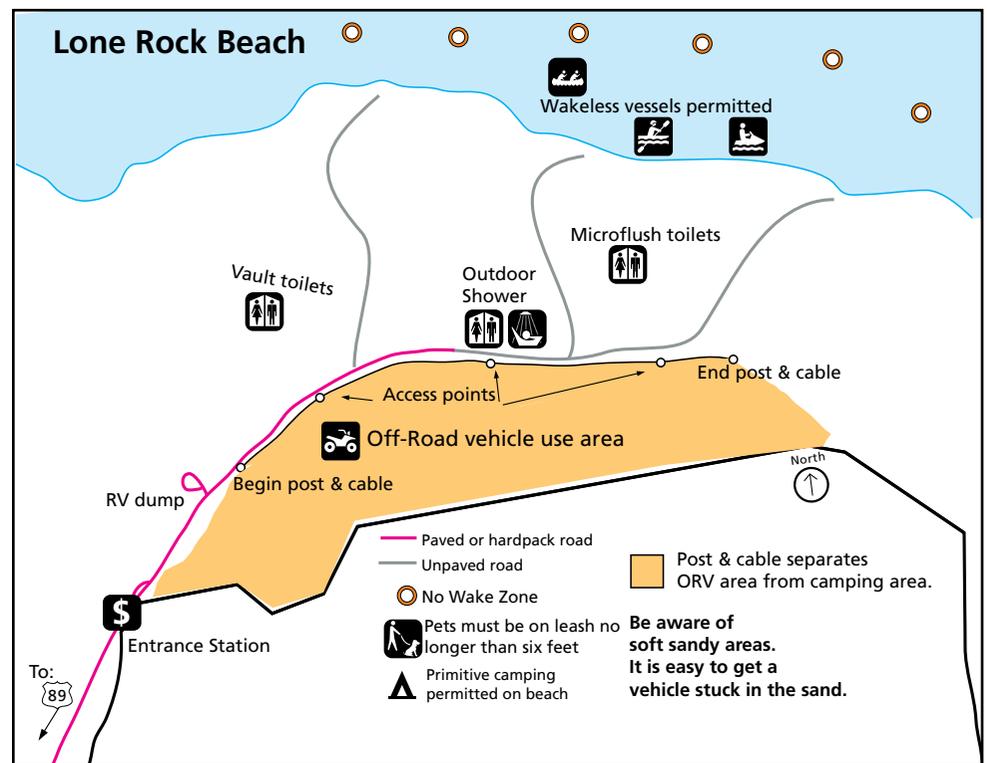
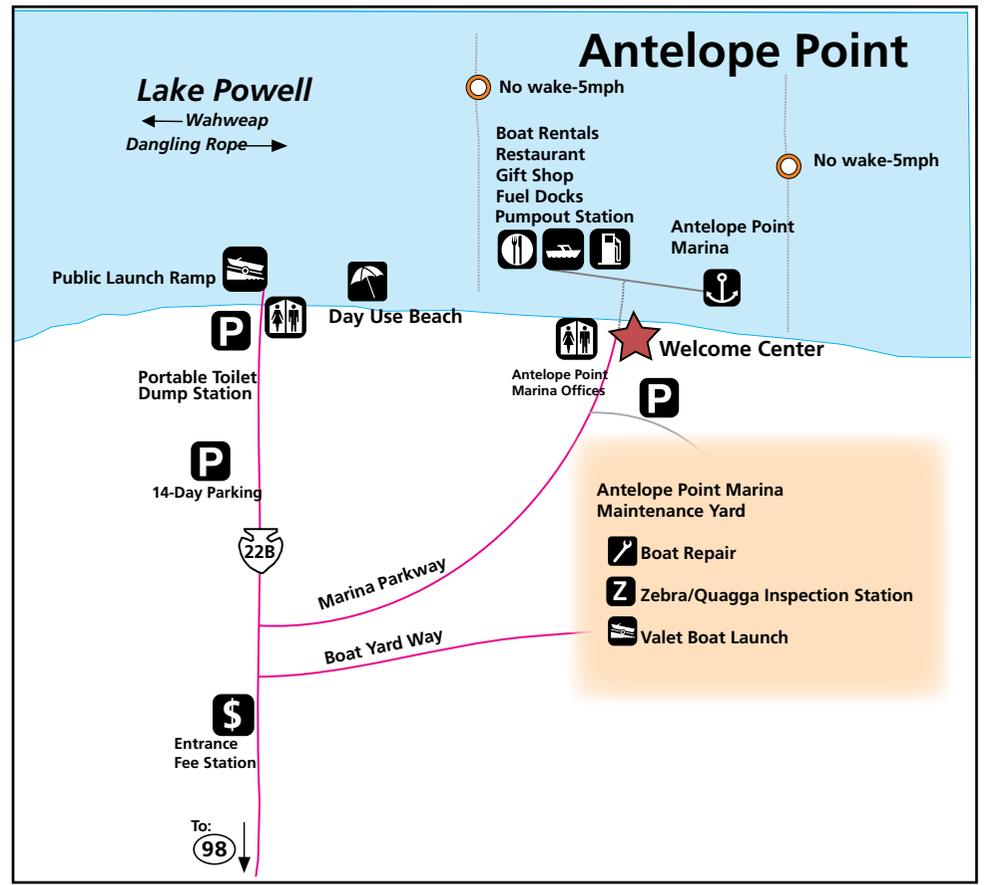
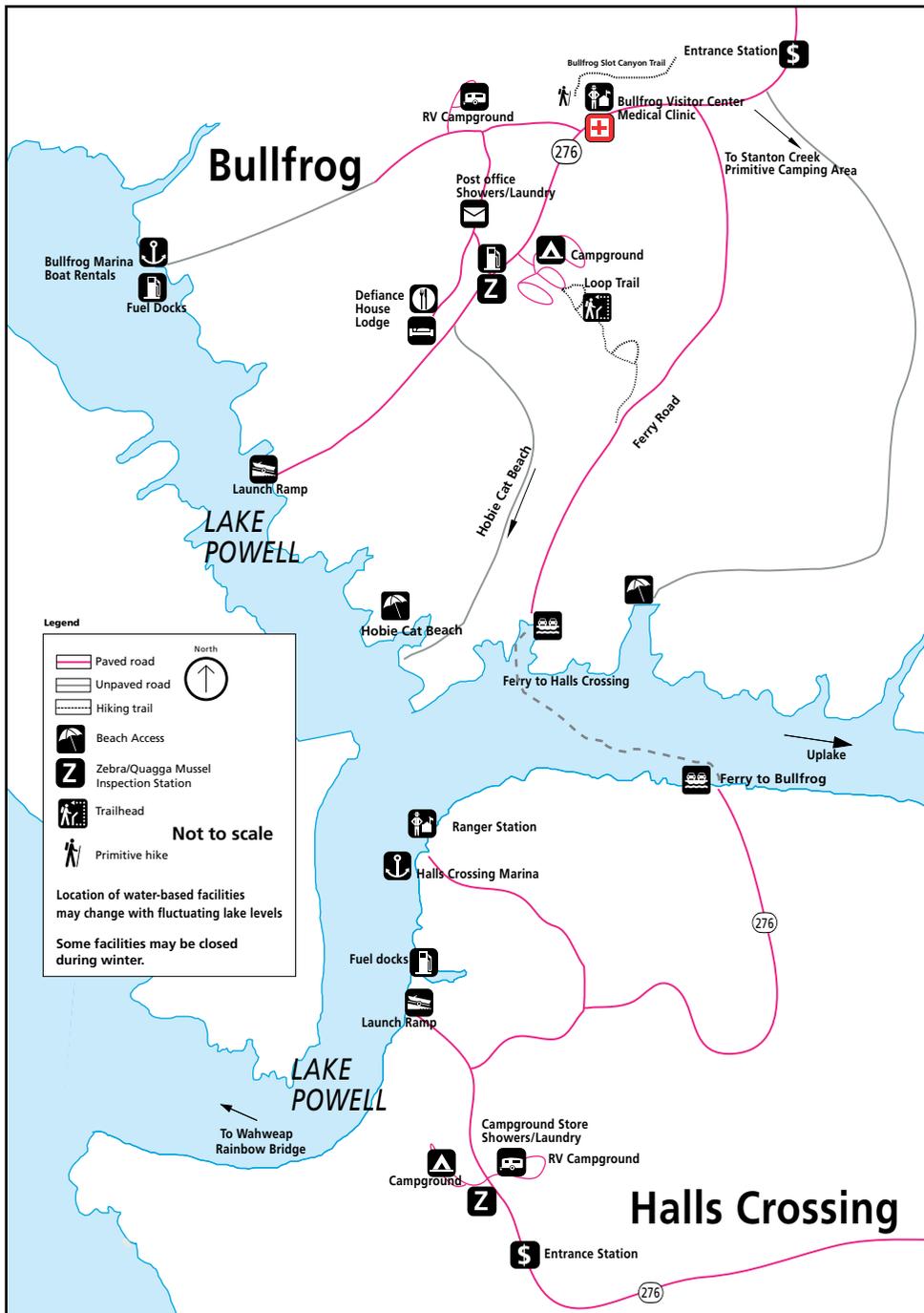
#### Half-Day to All Day

- Rent a power boat or kayak and explore the upper regions of the lake at your leisure. Find yourself at Defiance House Archeological Site. Call 435-684-3000 for reservations.
- Drive the Burr Trail up to the Halls Creek Overlook or Waterpocket Fold Overlook. See Bullfrog Visitor Center for Driving Guide.
- Drive to the Hite Overlook and the Hog Springs Nature Trail. See Bullfrog Visitor Center for information.

Boat from Bullfrog to Forgotten Canyon and visit Defiance House Archaeological Site

# Page, AZ and Glen Canyon Accessible Areas





**Road access to Lake Powell is very limited.**

- Once you launch your boat and travel miles from the marinas, assistance could be delayed.
- Use Marine Band 16 or call 911 in an emergency.
- Lake Powell beaches have no lifeguards.
- Fireworks are prohibited.
- Be careful near cliff edges, the sandstone is very brittle and may not support your weight. What looks like a solid rock from above may only be a few inches thick.

## PLEASE BE SAFE!

**Floating Restrooms, Dumps and Pumpouts**  
 Warm Creek • Face Canyon • Good Hope Bay • Rock Creek • Oak Canyon • Forgotten Canyon • Escalante River • The Rincon  
 Note: Some of these facilities may close for the winter.

## Invasive Mussel Inspection Requirements



**This sandal was overcome by invasive mussels. Don't let this happen to Lake Powell!**

Quagga and zebra mussels are aquatic nuisance species. They do not belong in Lake Powell or the Colorado River. **All watercraft at Glen Canyon, including canoes, kayaks, and rafts, are required to be certified free of quagga and zebra mussels before launching.** NPS Rangers are available daily to conduct vessel inspections and certifications during launch ramp hours.

Mussel Free certificates are required to be visibly displayed through the front windshield of your parked vehicle. The self-certification found on our website is valid only at select remote launch locations.

Currently, Lake Powell is believed to be free of quagga and zebra mussels. However, zebra and quagga mussels pose a major threat to Lake Powell if they were to become established.

Zebra mussels cause severe economic and ecological damage. Zebra mussels are biofoulers, attaching to most hard surfaces including boats, docks, cables, and water intake structures. They form thick mats that may be up to 18 inches thick. These mats can contain hundreds of thousands of individual mussels. Ecologically, zebra mussels drastically alter the ecology of infested water bodies and may severely impact sport fisheries. Zebra mussels are filter feeders and each animal filters approximately one liter of water per day, removing algae and small zooplankton from the water column. When this occurs, the algae and zooplankton are no longer available to support higher levels of the food chain. Often, the sport fishery is compromised.



Take pride in preserving Lake Powell by doing your part to prevent the spread of mussels and other aquatic nuisance species. Clean, Drain, Dry your vessel before you bring it to Lake Powell. Visit <http://www.nps.gov/glca/parknews/zebramussel1.htm> for current regulations and launch ramp hours.

National Park Service  
U.S. Department of the Interior  
Glen Canyon National Recreation Area

**Glen Canyon**

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**Invasive Mussel  
Prevention Program**

This Certificate Must Be Visibly Displayed  
On Your Dashboard

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**MUSSEL FREE**

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Failure to display this certificate through the windshield of your tow vehicle could result in a mandatory court appearance, up to six months in jail and a \$5000 fine.

Zebra and Quagga Mussels Pose A Major Threat to Lake Powell!

Mussels in Lake Powell could:

- Disrupt the food chain and fishing
- Foul facilities like docks and ramps
- Encrust boats and clog engines
- Litter beaches with sharp smelly shells

Mussels are transported to new areas attached to boats or harbored in tiny amounts of water.

Date \_\_\_\_\_  
Time \_\_\_\_\_  
Issuer \_\_\_\_\_

Stop Aquatic  
Hitchhikers!™

Thank you for protecting Glen Canyon National Recreation Area!

## Portable Toilet Requirements



Restop® is a portable waste containment system

If you are camping within one-quarter mile of Lake Powell, and more than 200 yards from a designated restroom facility, you are required to possess and utilize a human sanitation device (portable toilet), that does not use plastic bags to contain the waste. This waste must be disposed of in a designated dump station. You may also use a commercial waste bag containment system, which must be disposed of in the trash. These bag systems are available at visitor centers and area stores.

## You Can Become a Junior Ranger



Free Junior Ranger activity booklets for Glen Canyon and Rainbow Bridge are available at the Carl Hayden Visitor Center, Navajo Bridge Interpretive Center, Dangling Rope Contact Station, Rainbow Bridge National Monument, Bullfrog Visitor Center, and Halls Crossing Contact Station. Inside the booklet are a number of activities divided by age group. Once you complete three of the activities suitable for your age, bring the booklet back to any of the visitor centers to get your very own Glen Canyon or Rainbow Bridge Junior Ranger badge. You may also visit our websites for electronic booklets.

## River of Possibilities



Come see River of Possibilities, a new exhibit at the Carl Hayden Visitor Center opening in April. Take a journey on the Colorado River through the exhibit of three historic Colorado River boats and the larger-than-life personalities of their crew as they convey the story of Colorado River exploration, controversy, and use. What was gained? What was lost? What possibilities does the river hold for you? Wander the exhibit and explore the value the Colorado River holds for you!



## Take Pride in America Volunteer in Your Parks

Did you know each year more than 120,000 volunteers donate over 4 million hours of service to the U.S. national parks? In 2011, 295 visitors to Glen Canyon National Recreation Area and Rainbow Bridge National Monument donated almost 14,000 hours of their time as Volunteers in the Park (VIPs.) VIPs help in many ways; they remove unsightly graffiti, clean up Lake Powell beaches, answer questions at visitor centers, present astronomy programs with telescopes, lead guided walks and 4WD adventures, help rehabilitate historic structures, and assist in a variety of other tasks.

Two very popular volunteer programs at Glen Canyon are the Trash Tracker program and the Graffiti Removal & Intervention Team (GRIT) program. Both of these programs offer opportunities for volunteers to spend time on Lake Powell on a houseboat. This is not a vacation though. Volunteers work hard to remove trash and litter or to scrub unsightly and illegal graffiti from the canyon walls.

The Artist-in-Park Program offers artists the opportunity to spend four weeks working in the park. We believe that our country is rich with artistic talent and we encourage all interested artists to apply. We hope to select three local artists to work in the park at various times throughout the year.

For more information on GRIT, Trash Tracker, Artist-in-Park, and other programs, visit the park's web site at: [www.nps.gov/glca/supportyourpark/volunteer.htm](http://www.nps.gov/glca/supportyourpark/volunteer.htm).

Most volunteers say they get a unique sense of pride and accomplishment in their work. Their actions make the national parks a better place for themselves, their children, and their grandchildren.

Volunteers are accepted without regard to race, creed, religion, age, sex, sexual orientation, national origin, or disability. There are special regulations in reference to non-US citizens or residents. Please contact a volunteer coordinator or Office of International Affairs for more information.



# Antelope Point Marina



We invite you to experience Lake Powell...  
Up Close and Personal.



Lakeside Dining  
Valet Launch  
Rental Boats, PWCs & Kayaks  
(in the water, fueled and ready to go)



Antelope Point Marina is 10 miles from downtown Page, Arizona. Travel east on Highway 98 to Navajo Route 22B. **928.645.5900**  
[www.AntelopePointLakePowell.com](http://www.AntelopePointLakePowell.com)

Antelope Point Marina is owned and operated by Antelope Point Holdings, LLC, an authorized concessioner of the National Park Service, Glen Canyon National Recreation Area.

VOTED BEST OF PAGE "Tours & Guides"



## Discover The Best ADVENTURE AND VALUE IN THE WEST

Take a break from your life and raft the Colorado River in Glen Canyon. Experience the beautiful blue-green waters and the majestic walls and discover the way to the past with Colorado River Discovery. We offer half-day and full-day motorized raft tours along with our all-day oar powered trips.



Rafting a day on the Colorado River is the perfect escape. Call or book online today!

BOOK NOW  
ONLINE!

Colorado River Discovery is an authorized concessioner of the National Park Service, Glen Canyon National Recreation Area.

888-522-6644  
[www.raftthecanyon.com](http://www.raftthecanyon.com)



### YOU DRIVE...

**FOR THE ADVENTUROUS IN SPIRIT**, explore Lake Powell's Red Rock Canyons in a Power Boat or on a PWC. Ski, Wakeboard or Kayak on Powell's vast blue water. Have the experience of a lifetime on one of the world's greatest water recreation areas. Ask about our 10 am specials and other offers.

**TO RESERVE THE WATER ADVENTURE OF A LIFE TIME TODAY, CALL:**  
928 645 1070 Wahweap (South Lake) • 435 684 3000 Bullfrog (North Lake)

**Lake Powell**  
RESORTS & MARINAS  
ARAMARK



### WE DRIVE...

**RELAX, WE'LL DRIVE.** Journey to Rainbow Bridge National Monument, cruise scenic Antelope or Navajo Canyons, enjoy an Elegant Dinner Cruise on the Canyon Princess, Lake Powell's only 96' yacht style tour boat or take in the night sky during one of the summer's evening cruises.

**TO RESERVE YOUR SCENIC CRUISE ADVENTURE CALL:** 928 645 1070  
North Lake Scenic Tours are available on charter basis for up to 6 passengers. Call 435-684-3000 for Bullfrog Scenic Cruises. Lake Powell Resorts & Marinas, managed by ARAMARK, is an authorized concessioner of the National Park Service, Glen Canyon National Recreation Area.



## GLEN CANYON NATURAL HISTORY ASSOCIATION

We are a cooperating association that supports and funds education, research, interpretation, and visitor services within the public lands on the Colorado Plateau. Working in partnership with Glen Canyon National Recreation Area, Rainbow Bridge National Monument, and Grand Staircase-Escalante National Monument, we promote and inspire the preservation and stewardship of cultural and natural resources.



Your purchase at bookstores in Glen Canyon National Recreation Area visitor centers will directly support education, interpretation, and research in this park, including this Park Guide.

[WWW.GLENCANYONNHA.ORG](http://WWW.GLENCANYONNHA.ORG) ♦ (877) GLEN-CYN

## Glen Canyon National Recreation Area Park Profile

### Authorization

Glen Canyon was established by the U.S. Congress on October 27, 1972 to : "... provide for public outdoor recreation use and enjoyment of Lake Powell and lands adjacent thereto in the States of Arizona and Utah and to preserve the scenic, scientific, and historic features contributing to the public enjoyment of the area..."

### Name

During Major John Wesley Powell's 1869 expedition of the Colorado River, he noted, "So we have a curious ensemble of wonderful features - carved walls, royal arches, glens, alcove gulches, mounds, and monuments. From which of these features shall we select a name? We decide to call it Glen Canyon."

### Size

1.25 million acres (505,868 hectares) lies within the two states of Arizona and Utah.

### Lake Powell

Only 13% of the National Recreation Area, but one of the largest man-made lakes in North America. At full pool (3700' elevation) it is 186 miles (299 km) long, has 1960 miles (3161 km) of shoreline, over 96 major side canyons, and a capacity of 27 million acre-feet (32 million cubic meters). Its maximum depth (at Glen Canyon Dam) is 561 feet (171 m).

### Geology

Glen Canyon is part of the Colorado Plateau ecosystem. Different environments over a period of 300 million years laid down layer upon layer of sedimentary materials, primarily sandstones and mudstones. Approximately 5 million years ago this region was uplifted, thus forming the Colorado Plateau. The Colorado River and its tributaries carved through the plateau's layers, creating Glen Canyon.

### Flora and Fauna

Glen Canyon has catalogued the following species: 900 plants, 316 birds, 64 mammals, 27 fish, 28 reptiles, and 7 amphibians.

### Archeology and Human History

There are thousands of remote archeological sites throughout Glen Canyon. The oldest human artifacts found are nearly 10,000 years old. There are four National Register listed properties within Glen Canyon. These are Lonely Dell Ranch National Historic District at Lees Ferry, Defiance House Archaeological Site, Hole-In-The-Rock, and the Davis Pictograph Panel.

## Lake Powell's Deadliest Catch

A clear day in May. There are divers in the water. Collection baskets are scattered across the lakebed. The boat readies its heavy winch in anticipation of the big haul. But the divers haven't filled the baskets with tasty critters. This isn't reality television. This is reality.

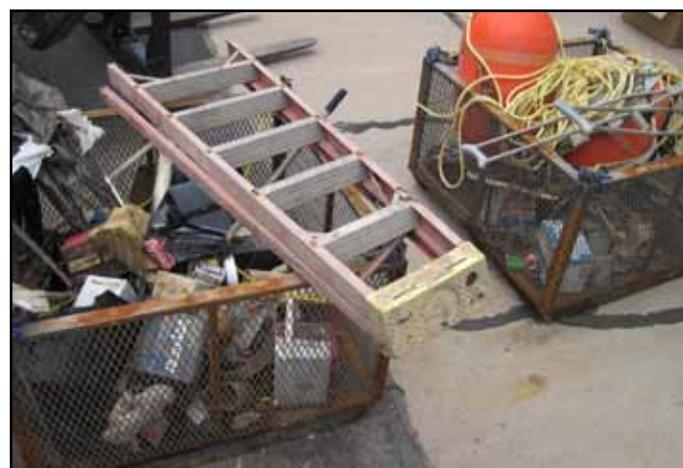
Beginning in 2010, Glen Canyon's dive team received funds for a five-year project intended to remove hazardous waste and other man-made debris from the marina areas on Lake Powell. They began at the Wahweap and Stataline areas. Using the park's GIS system to map the bottom and document the project, the team set 4'x4'x3' baskets on the lakebed exactly 100 feet apart in anticipation of the cleanup activities.

After gathering as much trash as they can find, the team raises the baskets up onto the deck of Glen Canyon's buoy tender boat. Back on shore, they sort the haul. Recyclables are sent to the recycle center; steel goes to scrap at Page Steel. Batteries and hazardous materials are disposed of properly.

The first year the divers covered over 52 acres of the bottom of the lake. They collected over 22 tons of trash, including 48 lead acid batteries.



Diver prepares to send a basket of trash up to the surface



Just some of the trash collected from the shallow bottom of Lake Powell near Wahweap and Stataline

The collection continues. If you see big numbered orange floats in the water, they are marking trash collection baskets. Please avoid them.

To see more pictures visit our Facebook page photo album "Lake Powell's Deadliest Catch" at [www.facebook.com/glencanyonmra](http://www.facebook.com/glencanyonmra).



## LAKE Rangers

If you're out on the lake this summer, keep your eyes peeled for the LAKE Rangers. LAKE stands for: Learn-Advocate-Know-Explore. This program, which began last summer, puts interpretive rangers on the water to make contacts with park boaters. The LAKE Rangers provide information, education, and activities that focus on recreational opportunities, safety, and resource protection. Visitors may spot the LAKE Ranger houseboat at one of their favorite beaches. Or they may see a ranger paddling up to their camp in a kayak.

"Park boaters are one of our largest user groups," stated Superintendent Todd Brindle. "We want to strengthen our efforts to reach these visitors in order to enhance their visit to Glen Canyon and Rainbow Bridge. We can also provide them with opportunities to be a genuine steward in helping to protect all of our magnificent resources."

The LAKE Ranger program will be going to such places as Lone Rock Beach, Padre Bay, and Dangling Rope Marina for 4-day trips from Memorial Day through Labor Day. They will also be making shorter day trips to places like Antelope Point Marina. Rangers will have short programs and children's activities they can present to shoreline campers.

Learn, Advocate, Know, and Explore Glen Canyon this summer with the LAKE Rangers!



Join Ranger Adam: Learn, Advocate, Know, and Explore Lake Powell and Glen Canyon NRA.

## Imagine the Night Void of Stars



The Glen Canyon Astronomy Team atop Wahweap View

*'Tis your bright and tiny spark,  
Lights the trav'ler in the dark.  
Tho' I know not what you are,  
Twinkle, twinkle, little star.*

This excerpt from the famous poem written in 1806 by the Taylor sisters captured our steadfast relationship with those mysterious diamonds of the night. But a lot has changed in two centuries. The electric light bulb ushered in a profoundly different way travelers found their way in the dark. This ancient celestial tapestry that thickly blankets our planet and once safely guided us through the dark is becoming increasingly threadbare and invisible to most. Losing darkness, we risk forever misplacing the rich heritage of ancient stories handed down through the centuries. We also interrupt earth's natural rhythms that all living things have relied on for millions of years. Across the planet, especially in large cities, night skies no longer exist.

Director of the National Park Service Jon Jarvis presented this Call to Action: Lead the way in protecting natural darkness as a precious resource and create a model for dark sky protection by establishing America's first Dark Sky Cooperative on the Colorado Plateau in collaboration with other federal agencies, partners, and local communities. While it might seem an impossibly enormous task to protect the universe overhead, it may be the simplest to accomplish. The most direct way to reduce light pollution in a park is to minimize the light that emanates from park facilities. Simply changing how much and where we put artificial light changes the blush of light that radiates out. Just as most astronomers believe we are not alone in the universe, we are not alone in this effort either. Every visitor, every neighboring town, every park partner can help decrease the amount of light used. Imagine, that just changing the intensity, orientation, and quality of a few light bulbs can bring back the night.

Many parks in the west find that visitors are increasingly asking for and seeking out star gazing programs—they want to see more stars. Luckily, they have come to the right place since many parks within the Colorado Plateau, including Glen Canyon, have dark skies and offer regular night sky programs. Being able to show stars, planets, comets, meteors, and especially, the graceful arm of our home galaxy, the Milky Way through our telescopes, lets you admire the night, stay in touch with those legendary heroes and villains of the stars and be assured that the nocturnal animals and plants are living a normal life. Protecting the night filled with those exquisite twinkling stars will help us continue down that well traveled path of wonder and excitement in our shimmering universe.



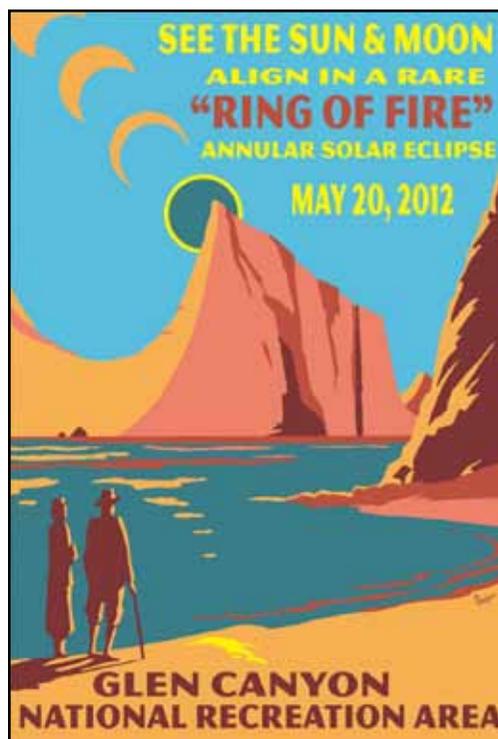
Volunteers show children the wonders of the sky.

## The Annular Solar Eclipse: A Must See Event in Glen Canyon

On May 20, 2012, parts of northwest California diagonally down through northern Arizona to the northwest corner of Texas, will be in the direct path to witness an annular solar eclipse. Glen Canyon and Page, Arizona are on the greatest eclipse line, making this location one of the best views in the West. An annular eclipse happens when the moon's silhouette casts an incomplete shadow on the sun, leaving a bright fiery ring around the darkened disk. Over the next 100 years, out of 244 annular, total and partial solar eclipses worldwide, only 16 will be visible in the United States and only a few of those will be easily seen in the West.

This unusual and unstoppable event often caused panic and led to hysteria- the *Chunqiu*, a chronicle of the Chinese state of Lu, lists many solar eclipses between 722 and 481 BC. On three occasions the *Chunqiu* describes eclipse ceremonies in which drums were beaten and oxen were sacrificed. King's scientists could sometimes predict these "unnatural" events which the king would cleverly use to subdue and control the kingdom. Even after hundreds of eclipses recorded over the last 2,500 years, the world has not come to an end. Caution and discomfort still lingers for some. Thanks to astronomers, we all can easily access predictions of solar and lunar eclipses for the next 100 years. The surprise factor may be gone, but the excitement for such spectacles does not diminish. For more information about this and upcoming eclipses, visit <http://eclipse.gsfc.nasa.gov/eclipse.html>

From May 18 - May 20, 2012 Glen Canyon will host astronomers, special guest speakers and solar and night time telescope viewing in and around the park and the town of Page. Join us here or find the perfect place to see this very brief but spectacular eclipse and learn more about our ever changing universe. Please visit [www.nps.gov/glca/planyourvisit/2012-annular-eclipse.htm](http://www.nps.gov/glca/planyourvisit/2012-annular-eclipse.htm) for details of this event.



## Rainbow Bridge National Monument Park Profile

### Authorization

Rainbow Bridge was set aside on May 30, 1910 by President William H. Taft because the natural bridge itself "...is of great scientific interest as an example of eccentric stream erosion, and it appears that the public interest would be promoted by reserving this bridge as a National Monument..."

### Administration

Because of its remote location, Rainbow Bridge was under the custodial management of Navajo National Monument from its authorization in 1910 until 1963, when management of the Monument was handed over to Glen Canyon.

### Name

No one person can take claim for the actual naming of the bridge. The name just came about by virtue of its resemblance to a rainbow turned to stone. During the discovery expedition in 1909, surveyor William Douglass tried to call it the Paiute word for rainbow - Barohoini Bridge, but that name never stuck.

### Affiliated American Indian Tribes/Groups

Five American Indian tribes/groups are officially affiliated with Rainbow Bridge and surrounding areas. These are the Navajo, Hopi, San Juan Southern Paiute, Kaibab Paiute, and White Mesa Ute Council of the Ute Mountain Ute. A consultation committee made up of these groups was formalized in 1991.

### Size

Monument: 160 acres (65 hectares)  
Rainbow Bridge itself:  
Height - 291 feet (88 m)  
Span - 275 feet (84 m)  
Top of the arch is 42 feet (13 m) thick and 33 feet (10 m) wide.

### Geology

Over millions of years, Rainbow Bridge was formed by the action of erosion as Bridge Creek flowed down from Navajo Mountain and carved through the relatively soft Navajo sandstone which rests upon the more resistant Kayenta formation.

### Flora and Fauna

Glen Canyon has catalogued the following species: 800 plants, 311 birds, 64 mammals, 27 fish, 28 reptiles, and 7 amphibians. Some of these species could potentially be found at Rainbow Bridge as well.

# Be Safe - Tips From Our Park Rangers



## On the Water

Alcohol is not illegal in Glen Canyon National Recreation Area, but operating under the influence is. Be smart. Stay safe. Don't drink while boating. It is dangerous and illegal. Alcohol is a major factor in up to 50% of boating fatalities.

Have all your required safety equipment on board your boat and in good working order. Have enough gas to get you out and back. Getting stranded in the channel at Glen Canyon is a hazard to you and others navigating on the lake. Remember, a ski flag is required if a skier is in the water; it helps other boaters see your skier.

Watch where you are going on the lake. Be on the constant lookout for potential hazards such as other boats, skiers, personal water craft (PWC) and swimmers or scuba divers. Many visitors have been seriously injured or killed by running into another boat or PWC or by being run over by another boat while in the water.

Stay seated when riding on a boat or PWC. It's the law and it will be safer for you if the boat turns or speeds up unexpectedly. Bowriding is unsafe and against the law. Watch out for spinning propellers and the "Death Zone," where carbon monoxide is trapped near the stern of the boat and affects anyone who spends even a few minutes at the stern.

Monitor Marine Band Radio Channel 16, the Coast Guard channel for hailing other vessels and for reporting emergencies ONLY. Hazardous weather reports are broadcast on this channel to warn everyone about approaching storms. You may need to find a safe place to ride out the storm. Do not play on Marine Band 16; you may be interfering with a serious call.

Unless it is an emergency, there is no reason to operate a boat after dark. Lake Powell is a maze of canyon walls, weeds, rocks, other boaters and other hazards. If you choose to boat after dark you subject yourself, your fellow passengers and other boaters to accidents which can result in property damage, serious injury or death.



**Do stay out of the Death Zone. In 2011, no one became seriously ill or died due to Carbon Monoxide poisoning. Stay vigilant!**

## On Land

Let someone know your plans and a description of your car. If you don't check in on time they can let the Rangers know where to start looking for you. Cell phones are not reliable. They have limited coverage in the Glen Canyon/Lake Powell backcountry.

Take a first aid kit and enough provisions and warm dry clothing even on a planned day trip in case you are stranded in a remote location. Rangers may not be able to reach you until daylight hours and you could be on your own until you are found.

Drink plenty of water to avoid dehydration in our desert climate. You can become extremely dehydrated in a very short period of time. Soda pop and juice may taste good but do not provide proper hydration. Alcohol dehydrates the body.

Stay away from cliff edges! The sandstone is very brittle and may break. What looks like a solid rock from above may only be a few inches thick and cannot support your weight.



**Don't jump off a cliff. This young man died. Jumping from heights 15 feet or greater is prohibited.**



**Do wear your life jacket! In 2011, four people died from water-related accidents. Life jackets work if you wear them!**



**Don't drink while boating. It is dangerous and illegal! Alcohol is a major factor in up to 50% of boating fatalities.**



**Don't attempt crossing a flash flood! They appear quickly and flow strong and fast.**

