



2004 GLEN CANYON NATIONAL RECREATION AREA PROFILE

AUTHORIZATION

Glen Canyon National Recreation Area was established 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 public enjoyment of the area..." (Public Law [P.L.] 92-593, October 27, 1972, 86 Stat. 1311).

RESOURCES

- SIZE:** 1.25 million acres (505,868 hectares)
lies within the two states of Arizona and Utah
- LAKE POWELL:** 13% of NRA
2nd largest man-made lake in North America
At full pool – 3700' elevation
186 miles long (299 kilometers)
1960 miles (3,161 kilometers) of shoreline
90+ side canyons
capacity of 27 million acre feet (32 million cubic meters)
maximum depth (at Glen Canyon Dam): 561 feet (171 meters)
- RED ROCK LANDSCAPE:** 87% of NRA
Escalante River and Canyon
Orange Cliffs
Hole-In-The-Rock Road
natural arches and bridges, hoodoos, and slot canyons
largest rangeland grazing operation in the national park system
(762,361 acres or 308,523 hectares)
- COLORADO RIVER:** 13 miles (21 kilometers) from Glen Canyon Dam to Lees Ferry
(below Glen Canyon Dam) average temperature: 46 F (7 C)
trophy rainbow trout fishery
34,849 river tour passengers (Oct. – Sept. 2002)

GEOLOGY: Glen Canyon NRA is part of the Colorado Plateau which extends across portions of Arizona, Utah, Colorado, and New Mexico. Different environments over a period of 500 million years laid down layer upon layer of sedimentary materials, primarily sandstones and shales (mudstones). Approximately 10 million years ago this region was uplifted, thus forming the Colorado Plateau. The carving of the Colorado River and its tributaries through the plateau's layers has created Glen Canyon.

- FLORA AND FAUNA (Catalogued species):**
- 800 Plants
 - 311 Birds
 - 64 Mammals
 - 27 Fish
 - 28 Reptiles
 - 7 Amphibians

Exotic species: Several plant species including Russian thistle (*Salsola iberica*) and Tamarisk (*Tamarix* spp.).

Endangered or threatened species: Three plant species – Brady’s footcactus (*Pediocactus bradyi*), Jones cycladenia (*Cycladenia jonesii*) and Navajo sedge (*Carex specuicola*); two bird species – Mexican spotted owl (*Strix occidentalis*) and Southwestern willow flycatcher (*Empidonax traillii*); and four fish species – Razorback sucker (*Xyrauchen texanus*), Colorado pikeminnow (*Ptychocheilus lucius*), Humpback chub (*Gila cypha*), and Bonytail chub (*Gila elegans*).

ARCHEOLOGY: Over 2,300 archeological resources have been recorded with an intensive survey of only 2% of the recreation area. The oldest human artifacts found are nearly 10,000 years old. There are four National Register listed properties within Glen Canyon NRA. These are Lonely Dell Ranch National Historic District at Lees Ferry, Defiance House Ruin, Hole-In-The-Rock, and the Davis Pictograph Panel.

HISTORICAL STRUCTURES: Lees Ferry Historic District – 11 structures

CLIMATE: Mean Temperatures:

January:	High 42 F (6 C)	Low 24 F (-4 C)
July:	High 97 F (36 C)	Low 69 F (21 C)

Lake Surface Temperature:

January:	46 F (8 C)
July:	78 F (26 C)

Annual Average Precipitation: 6 inches (16 cm)

VISITOR SERVICES

VISITATION:	2003 Visitation	1.9 million
	Percentage decrease from 2002	-10.88%
	Overnight stays	over 1.2 million annually - the 3 rd largest in the National Park System

VISITOR SERVICES: Educational exhibits, ranger programs and hikes, publication sales, hiking and backpacking, camping, picnicking, guided boat tours, river trips, fishing, law enforcement and emergency medical services including ambulance service.

VISITOR FACILITIES: Visitor center and contact stations, historic structures, scenic overlooks, overnight lodging, trailer sites, tent campsites, restaurants and cocktail lounges, general stores and gift shops, service stations, marinas and boat rentals, medical clinic.

RESOURCE AND VISITOR PROTECTION:

Law Enforcement Activities – 2003

Part I Offenses Investigated	84
Part II Offenses Reported	1,061
Proprietary jurisdiction	
Deputization agreements with 5 counties (AZ & UT)	
AZ Dept. of Game & Fish, Coconino (AZ) County	
Sheriff & Utah State Parks have officers on Lake	
Powell	

Emergency Medical Services – 2003

Emergency Medical Responses	358
Deaths (trauma related)	7

Search and Rescue – 2003

Incidents	115
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FACILITIES

DEVELOPMENT:

Roads and Trails

250 miles of primary and secondary roads

12 miles of maintained trails

Parking lots with thousands of spaces

1 bridge (Lees Ferry)

7 public launch ramps, 1 government launch ramp, and 2 ferry ramps

Fleet

42 NPS boats and 5 barges

50+ pieces of motorized and heavy equipment

70+ vehicles, includes GSA rental and Interior owned vehicles

2 equipment/boat repair facilities

Buildings

137 buildings (visitor centers, contact stations, rangers stations, maintenance shops, warehouse, comfort stations, etc)

11 historic structures (Lees Ferry)

82 NPS housing units

1 airplane/hangar/radio shop

3 picnic areas with 148 tables

4 developed campgrounds with 755 sites

Utilities

2 water treatment plants (Hite and Lees Ferry)
6 major water systems and 8 storage tanks
9 water wells, 1 river intake, 1 lake intake
1 area with leach field systems
35+ sewage lift stations
6 boat floating sewage pumpouts
8 remote floating pumpout/restrooms
20 vault toilets and 18 micro flush moveable restrooms
5 porta potty dump stations – fixed
1 moveable porta potty dump station
2 primary on-site electrical generation systems
4 electrical distribution systems
Solid waste collection and disposal for 3 developed areas

Floating Structures & Navigational Aids

4,800 feet of floating walkways, docks, and boat slips
360+ navigational aids

BUSINESS MANAGEMENT

CONTRACTS: ARAMARK – 3 contracts
Antelope Point Holdings, LLC

PERMITS: Good Samaritan – Bullfrog Clinic

INCIDENTAL BUSINESS PERMITS: 133

ADMINISTRATION

FY 2003 ONPS	\$ 9,439,000 (Operation of the National Park System)
FY 2003 Project Funds	5,132,000
Construction Set-Aside	4,202,000
Capital Improvement Projects	2,815,000
Equipment Replacement	75,000
80% Recreation Fee Demo Projects	2,473,000
FY 2003 total of all funding sources	\$24,136,000

NATIONAL PARK SERVICE STAFFING (2003): 180 FTE

NEIGHBORS AND COOPERATORS

National Park Service: Grand Canyon NP
Canyonlands NP
Navajo NM
Capitol Reef NP
Zion NP
Bryce NP

Bureau of Land Management: Vermilion Cliffs National Monument
Grand Staircase – Escalante National Monument
Arizona Strip National Monument

Bureau of Reclamation: Glen Canyon Dam

Utah Division of Wildlife Resources

Utah State Parks

Arizona Department of Game and Fish

Counties: Arizona: Coconino
Utah: San Juan, Garfield, Kane, Wayne

Navajo Nation

Other affiliated American Indian tribes/groups: Hopi
Kaibab Paiute
San Juan Southern Paiute
White Mesa Ute Council of the Ute Mountain Ute
Havasupai
Hualapai
Kanosh and Koosharem Bands of the Paiute Indian
Tribe of Utah

City of Page (AZ)

Congressional Representatives: Arizona: Senator John McCain
Senator Jon Kyl
1st District Representative Rick Renzi

Utah: Senator Robert Bennett
Senator Orrin Hatch
2nd District Representative Jim Matheson

PROGRAM CONTACTS

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