



2015 Park Profile



Authorization

1882: First unsuccessful attempt to establish a Grand Canyon National Park

1893: Designated a “forest reserve” by President Benjamin Harrison (Presidential Proclamation #45)

1908: Established as Grand Canyon National Monument by President Theodore Roosevelt (Presidential Proclamation #794)

1919: Designated Grand Canyon National Park by an act of Congress on February 26 (40 Stat 1175) 1975 Grand Canyon National Park Enlargement Act, an act of Congress on January 3 (88 Stat 2089) (Public Law 93-620)

1979: Designated a World Heritage Site on October 26

Park Statistics

Grand Canyon National Park

Park Size: 1,217,403.3 acres (487,350 hectares)
1,904 sq. miles (4,950 kilometers)

Length: 277 river miles (446 km)
Width: Minimum at Marble Canyon 600 feet (180m)
Average Rim to Rim 10 miles (16 km)
Maximum Rim to Rim 18 miles (28.8 km)

Depth: Average 1 mile (1.6 km)

Elevations: South Rim 7,000 feet (2100 m)
North Rim 8,000 feet (2400 m)

Volume : Cubic Yards 5.45 trillion
Cubic Meters 4.17 trillion

Colorado River in Grand Canyon National Park

Length: 277 miles (446 km)
Average Width: 300 feet (90 m)
Minimum Width: 76 feet (23 m)
Average Depth: 40 feet (12 m)
Greatest Depth: 85 feet (25.5 m)
Average Gradient: 7 feet per mile (1.3 meters per km)
Elevation at Phantom Ranch: 2,400 feet (720 m)

The Colorado River is 1,450 miles (2,333 km) long from its source in the Rocky Mountains of Colorado to the Gulf of California.

Geology

Grand Canyon National Park preserves an iconic geologic landscape and resources ranging from 1,840 to 270 million years old, including diverse paleontological resources; unconsolidated surface deposits; a complex tectonic and erosion history; and Pliocene to Holocene volcanic deposits. The Colorado River established its course through the canyon about six million years ago, and likely evolved from pre-existing drainages to its current course. Geologic processes, including erosion of tributaries and slopes, and active tectonics continue to shape the canyon today. The geologic record in Grand Canyon is an important scientific chronicle and is largely responsible for its inspirational scenery.



Plant and Animal Life

Animals

Birds: 373 species
Mammals: 92 species
Fish: 18 species, 5 native
Reptiles and Amphibians: 57 species
Invertebrates: 8,480 known species
Exotic (non-native) Animals: 23 species
Endemic Animals: 20 species

One reptile, three mammal and one mollusk species are known only from the Grand Canyon region. At least nine species of insects are endemic to Grand Canyon; and six fish species are endemic to the Colorado River basin.

Plants

Vascular Plants: 1750 species
Endemic Plant: 4 species
Exotic (non-native) Plants:
205 species

Vegetation Formations

6 types; riparian, desert scrub, pinyon / juniper woodland, ponderosa pine forest, spruce / fir forest, and montane meadows / sub-alpine.

Endangered / Threatened

Animals: California condor, humpback chub, razorback sucker, southwestern willow flycatcher, Mexican spotted owl, yellow-billed cuckoo, Kanab ambersnail, Yuma clapper rail, and desert tortoise. There are over 35 species of special concern and former USFWS Category 2 species.

Plants: The sentry milk-vetch (*Astragalus cremnophylax* var. *cremnophylax*) is the only endangered plant in the park. There are no listed threatened plant species. Nine species of special concern (formerly category 2 species) are known, and 25 additional vascular plants are of management concern due to their limited distribution.

Extirpated Species

Grizzly bear, black-footed ferret, gray wolf, jaguar, Bear Valley sandwort, Colorado pikeminnow, bonytail, roundtail chub, northern leopard frog, and southwestern river otter.



Human History

The oldest human artifacts found date to the Paleoindian period and are nearly 12,000 years old. There has been continuous use and occupation of the park since that time. Archaeological evidence from the following prehistoric culture groups is found in Grand Canyon National Park: Paleoindian, Archaic, Basketmaker, Ancestral Puebloan (Kayenta and Virgin branches), Cohonina, Cerbat, Pai, and Southern Paiute. Historical-period cultural groups the Hopi, Navajo, Pai, Southern Paiute, Zuni and Euro-American. The park has recorded more than 4,300 archaeological resources with intensive survey of approximately six percent of the park area. The park's Traditionally Associated Tribes and historic ethnic groups view management of archaeological resources as preservation of their heritage.



Historic Resources

National Historic Landmarks

Individual Buildings: 5
Districts: 2

National Register of Historic Places

Individual Properties: 18
Buildings: 8
Districts: 9
Sites: 1



National Register properties include archaeological sites, historic structures, cultural landscapes, and ethnographic resources. Determinations of eligibility have been prepared by both Hopi and Zuni preservation offices identifying elements of the greater Grand Canyon, Colorado River, Bright Angel Creek and Little Colorado River as a Traditional Cultural Property.

List of Classified Structures (LCS): 874 listings. LCS includes National Historic Landmark and National Register programs currently being reviewed.

Climate

Climate in Grand Canyon National Park is relatively mild. However, low humidity generally allows large temperature differences between day and night. Since precipitation totals are low, year-to-year variations can be large. The passage of a few major storms can have a significant impact on the year's total.

South Rim

Mean High Temperature: 63°F (17°C)
Mean Low Temperature: 35°F (2°C)
Average Annual Precipitation: 15.6 in. (39.6 cm)

North Rim

Mean High Temperature: 56°F (14°C)
Mean Low Temperature: 30°F (-1°C)
Average Annual Precipitation: 25.3 in. (64.3 cm)

Phantom Ranch

Mean High Temperature: 82°F (28°C)
Mean Low Temperature: 57°F (14°C)
Average Annual Precipitation: 8.5 in. (21.6 cm)

2015 Visitation

Shuttle System Passengers

7,419,961 boardings (not passengers)
Year-round shuttle service began March 10, 2000
Implemented in 1974, the shuttle system has provided over 165,740,177 rides since its inception.

Backcountry User Nights

Total: 98,013
Corridor: 55,302
Other Backcountry Trails: 39,703
Backcountry permits issued: 15,186
Backcountry permits used: 13,386

Colorado River User Days

Lees Ferry to Diamond Creek
Commercial: 112,973
Noncommercial: 102,912
Diamond Creek to Lake Meed
Noncommercial: 15,092

Mule Trip Riders

Xanterra, South Rim
Phantom Ranch 1 night: 2,436
Phantom Ranch 2 nights: 305
Canyon Vistas: 10,223
Trail Rides, North Rim
One Hour Rim Ride: 3,416
Half Day Inner Canyon Ride: 4,810
Half Day Rim Ride: 1,024

Train Passengers

North-bound boardings
Total: 153,613

Commercial Air Tours

2012 numbers reported by FAA
Commercial Air Tour Flights: 55,215

2015 Law Enforcement Activities

Law Enforcement Activities

Part I Offenses Investigated: 56
Part II Offenses Reported: 1,107
Law Enforcement Jurisdiction: Concurrent

Emergency Medical Services

Emergency Medical Service Incidents: 1,047
Fatalities: 15

Search and Rescue Incidents

Total: 318

Structural Fire Incidents and Responses

Total: 62

2015 Interpretive Services and Activities

Visitor Centers and Contact Stations

Grand Canyon Visitor Center
Verkamp's Visitor Center
Yavapai Observation Station
Tusayan Ruin and Museum
Desert View Visitor Center
North Rim Visitor Center
Kolb Studio

Interpretive Walks, Talks, and Programs

5,319 presentations to 212,621 visitors

Environmental Education Programs

1,012 presentations to 27,962 participants
31,700 Junior Rangers sworn in

Publications

233 print publications currently maintained
Park Unigrids/maps: 1,363,950
Park Newspaper: 2,476,853
All other brochures: 296,583
Newspaper available in eight languages.



Development

Buildings

Total: 1,231
 National Park Service: 696
 Concessioners: 535

Trails

Maintained: 126 miles (202.8 km)
 Established: 358 miles (576.1 km)

Roads

Total: 254 miles (408.8 km)

Sewage Treatment Facilities

Total: 4

Trans-canyon Pipeline

Water from Roaring Springs to the North and South rims
 Total: 23 miles (37 km)

Lodging Units

South Rim: 908
 North Rim: 218
 Phantom Ranch: 15

Rim Campsites

Mather: 317 family, 7 group, 2 hiker/biker, 2 livestock
 Desert View: 50 family
 North Rim: 90 family, 3 group
 Tuweep: 9 family, 1 group

Recreational Vehicle Sites

Total: 79

Visitor Facilities

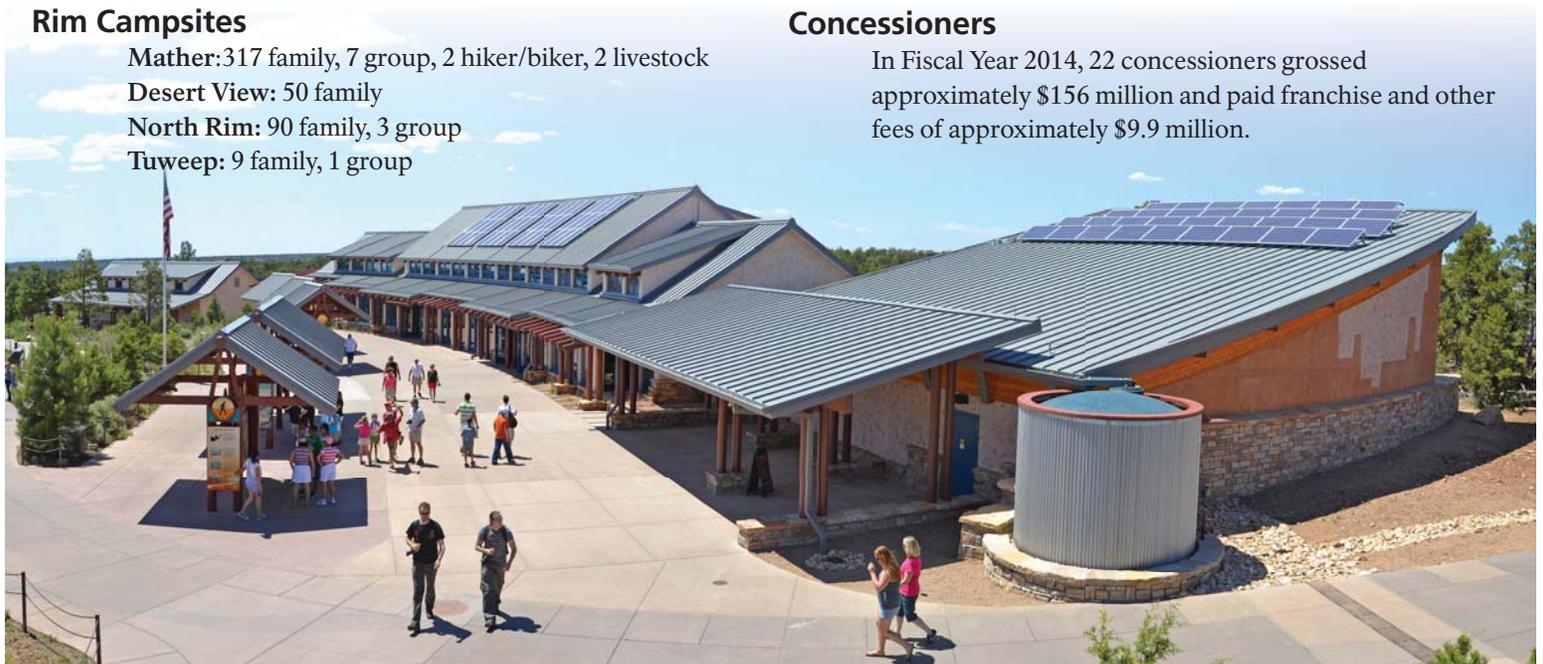
Visitor centers/museums/theater, backcountry office, historic structures, scenic overlooks, accessible rim trails, lodging, campgrounds, dump stations, restaurants, cocktail lounges, coffee shop, general stores, gift shops, bookstores, kennel, post office, bank, service stations, clinic, showers and laundry. Some facilities are seasonal.

Visitor Services

Educational/environmental exhibits, ranger programs and hikes, Junior Ranger program, curriculum-based education programs, self-guided hikes, publication sales, backpacking, hiking, camping, picnicking, mule riding, guided bus tours, air tours (originating outside the park), shuttle bus service, river trips, bicycling and bike rentals, auto touring, fishing, church services, overnight lodging, food and beverage, gift and grocery sales, banking, postal services, camper services, law enforcement, medical services, fire protection, taxi and seasonal bicycle rentals/tours, auto repair, emergency medical services.

Concessioners

In Fiscal Year 2014, 22 concessioners grossed approximately \$156 million and paid franchise and other fees of approximately \$9.9 million.



Administration

FY 2015 Funding

ONPS Base Operating Appropriation: \$21,153,800
(ONPS, Operation of the National Park System)
ONPS Non-base Funding: \$1,836,865
(SEPAS, Special Emphasis Program Allocation)
FirePro Base: \$1,807,617
Line Item Construction: \$925,190
Repair & Rehabilitation: \$851,416

Federal Lands Recreation Enhancement Act— 80% portion

(FY-06) \$9,792,019
(FY-07) \$15,616,824
(FY-08) \$16,798,553
(FY-09) \$13,973,982
(FY-10) \$13,367,858
(FY-11) \$13,780,061
(FY-12) \$13,972,969
(FY-13) \$14,775,466
(FY14) \$8,407,057 (*collections reduced by LSI buy down*)
(FY15) \$18,361,846

10 Year Total (FY06-15) \$138,846,635

Federal Lands Highway Program: \$359,719

Income 2015

Utilities Reimbursable: \$5,546,310
Quarters: \$1,712,827
Concession Franchise Fees—
20% Portion: \$2,714,626
Filming and Location Fees: \$41,821
Donations (monetary): \$470,722
Transportation (Shuttle Busses): \$7,530,229
Other (reimbursable, refundable, etc.): \$1,950,241

National Park Service Staffing – Fiscal Year 2015

Information and Distribution of all Staff (Permanent, Term, and Seasonal) as of Feb. 2016:

Superintendent's Office: 11
Project Management Team: 2
Administration: 20
Science and Resource Management: 105
Commercial Services: 13
Planning and Compliance: 8
Facility Management: 116
Interpretation: 35
Visitor and Resource Protection: 129
Fire and Aviation Management: 26
Total : 465

Neighbors

North

Arizona Strip Field Office—BLM, AZ
North Kaibab Ranger District—USFS, Kaibab National Forest, AZ
Kanab Field Office—BLM, Southern UT
Pipe Spring National Monument—NPS, AZ
Coconino County, AZ
Zion National Park—NPS, UT
Mohave County, AZ
Washington County, UT
Bryce Canyon National Park—NPS, UT
Garfield County, UT
Grand Staircase-Escalante National Monument—BLM, UT
Vermilion Cliffs National Monument—BLM, AZ
Kaibab Band of Paiute Indians—AZ
All communities from Marble Canyon to St. George, UT

South

Tusayan Ranger District - USFS, Kaibab National Forest, AZ

East

Glen Canyon National Recreation Area—NPS, AZ / UT
Navajo Nation, AZ

West

Lake Mead National Recreation Area—NPS, NV / AZ
Havasupai Tribe, AZ
Hualapai Tribe, AZ
Grand Canyon-Parashant National Monument—BLM / NPS, AZ

11 Traditionally Associated American Indian Tribes

Havasupai Tribe
Hopi Tribe
Hualapai Tribe
Kaibab Band of Paiute Indians
Las Vegas Band of Paiute Indians
Moapa Band of Paiute Indians
Navajo Nation
Paiute Indian Tribe of Utah
San Juan Southern Paiute Tribe
Yavapai-Apache Nation
The Pueblo of Zuni

Arizona Congressional Representatives

Senator John McCain
Senator Jeff Flake
First District Representative Ann Kirkpatrick



National Park Service
U.S. Department of the Interior

Superintendent

David V. Ueberuaga

Media Contact:

Kirby-Lynn Shedlowski
928-638-7958

Park Information

928-638-7888

Website

www.nps.gov/grca/

Grand Canyon National Park
PO Box 129
Grand Canyon, AZ 86023-0129 USA



Grand Canyon National Park

Located in northern Arizona, the park encompasses 277 miles (446 km) of the Colorado River and adjacent uplands. One of the most spectacular examples of erosion anywhere in the world, Grand Canyon is unmatched in the incomparable vistas it offers visitors on the rim. Grand Canyon National Park is a World Heritage Site.

The Guide is published by Grand Canyon National Park and is supported by your fees. It is available in French, German, Spanish, Italian, Japanese, Chinese, and Korean. An *Accessibility Guide* is also available as well as a pocket map in English.

The National Park Service cares for the special places saved by the American people so that all may experience our

