



THE GUIDE



Index

Accessibility Info	9, 14
MAPS	
Shuttlebus Routes	7-10
Desert View Drive	16
Activity Menu	3
Ranger Programs	2
Camping	13, 14
Desert View	4, 16
Food & Drink	14-15
Hiking	12-13
Lodging	14
Medical Services	14
North Rim	16
Get Involved	4
Sunrise/Sunset Times	12

Now Available!

Dieser Prospekt ist auf Deutsch vorhanden ins Besucherzentrum.

On peut obtenir la traduction française du Guide au Centre des Visiteurs.

Pueden obtener La Guia en español en el Centro de Visitantes.

USE CAUTION NEAR THE EDGE



FOOTING CAN BE DANGEROUS



Buckle up. It's the law.



24 hours a day

Dial 911 (any phone)

Dial 9-911 (hotel phones)

638-2477 is an additional emergency number.

For general park information dial 638-7888.

GRAND CANYON NATIONAL PARK

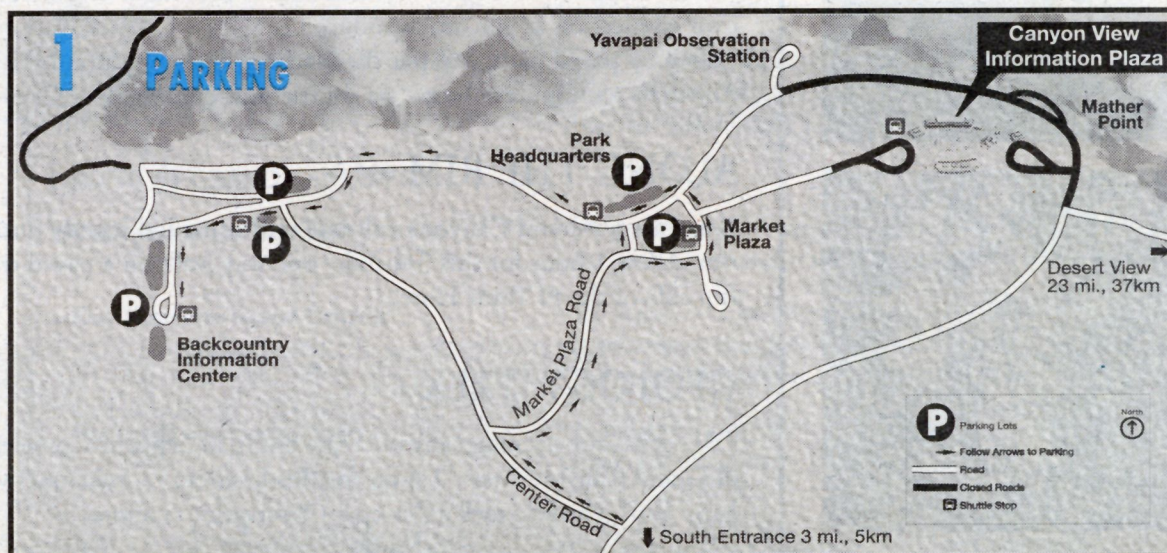
SOUTH RIM Volume XXIII, Number 5

October 26, 2000 - February 28, 2001

VISITING THE SOUTH RIM IS AS EASY AS...

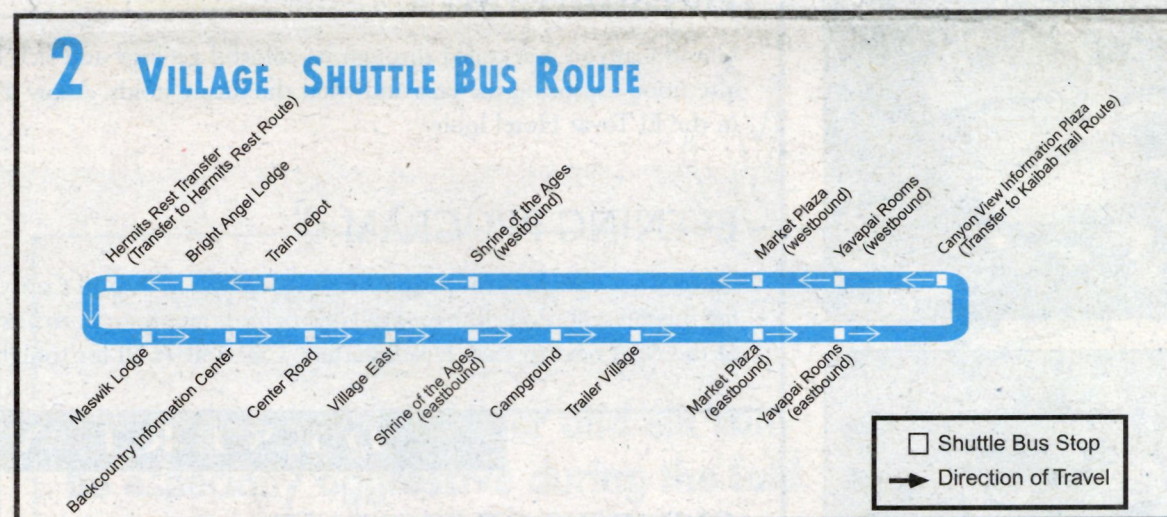
1 PARK YOUR VEHICLE

Use this map to find designated parking.



2 RIDE A VILLAGE SHUTTLE BUS TO CANYON VIEW INFORMATION PLAZA

There are bus stops adjacent to all designated parking lots. Look for directional signs.



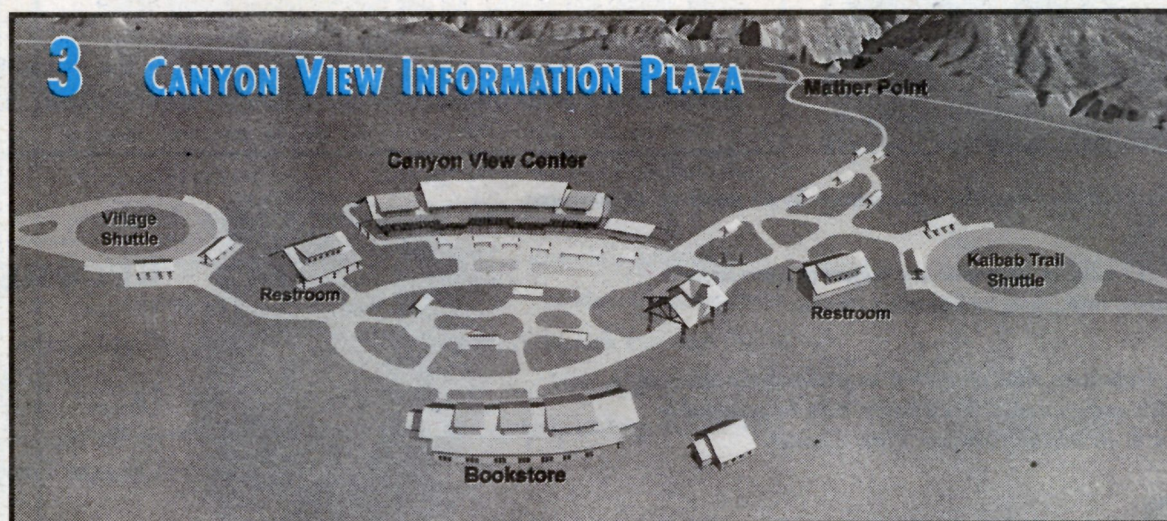
3 PLAN YOUR VISIT

In addition to informative exhibits about Grand Canyon, Canyon View Information Plaza offers an inspiring view only a short stroll away at Mather Point, a bookstore, and your shuttle bus transfer for the Kaibab Trail Route.

Canyon View Information Plaza is open daily beginning one hour before sunrise. The information plaza closes at 10:00 p.m. through November 30. From December 1 through February 28, it will close at 9:00 p.m.

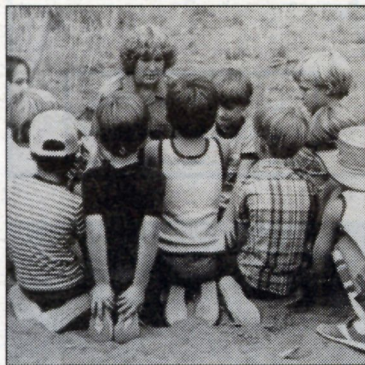
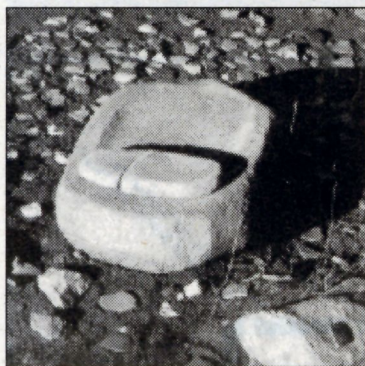
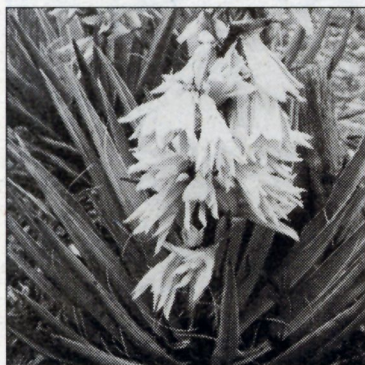
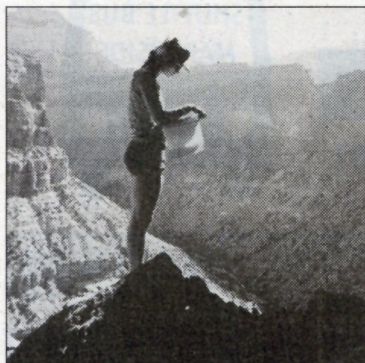
Canyon View Center, which also contains other park and area information, is open daily from 8:00 a.m. - 5:00 p.m.

The Grand Canyon Association bookstore is open daily 8:00 a.m. to 5:00 p.m.





Arizona does not use
Daylight Savings Time.



RANGER PROGRAMS

VILLAGE AREA

ACTIVITY

LURE OF THE CANYON & ♣

What lures people to Grand Canyon? Is it the wildness of open spaces, the endless wonder of stone and light, the mighty Colorado River that rages below, or is it something else? Make your own connection as you are introduced to Grand Canyon National Park. Program includes a short walk on a paved path. Meet at the National Park System exhibit inside Canyon View Center. Allow 30-45 minutes. Access via shuttle bus; disembark at Canyon View Information Plaza stop.

ALONG THE RIM & ♣

Learn about Grand Canyon's cultural and/or natural history during this leisurely walk along the rim. Allow 1 hour for this 3/4-mile, one-way walk on a paved trail. Meet near the flagpole on the rim side of the El Tovar Hotel.

GEOLOGY WALK & ♣

Old rocks, but a young canyon? How did it all happen? Come explore the remarkable formation of Grand Canyon. Allow 1 hour for this leisurely 1/2-mile, one-way walk along the Rim Trail. Meet by the bicycle rack at Yavapai Observation Station.

FIRESIDE CHAT &

Grand Canyon is revealed through its colorful geology and rich human history. Enjoy an afternoon exploring the past and what the future holds. Allow 45 minutes. Meet by the fireplace in the El Tovar Hotel lobby.

EVENING PROGRAM &

Travel on a visual journey exploring the marvels of Grand Canyon National Park. Allow 1 hour for this presentation. Ranger available before the program to answer questions. Meet inside Shrine of the Ages next to Park Headquarters. Call 638-7610 for tonight's topic.

TIME/PLACE

10:30 a.m. DAILY
Canyon View Center

12:30 p.m. DAILY
El Tovar Hotel flagpole
*Last day for program
January 1*

2:00 p.m. DAILY
Yavapai Observation Station

3:30 p.m. DAILY
El Tovar Hotel lobby
Program begins January 2

7:30 p.m. NIGHTLY
Shrine of the Ages

DESERT VIEW AREA

GLIMPSES OF THE PAST & ♣

Consider the ancient people who called Grand Canyon "home" 800 years ago. How did they survive in this harsh climate? A 1/10-mile walk on a flat, paved trail affords access to the ruins of an ancestral Pueblo (Anasazi) village. Allow 45 minutes. Meet at Tusayan Museum.

11:00 a.m. & 1:30 p.m. DAILY
Tusayan Museum

Note: Children must be accompanied by an adult on all programs.

♣ All outdoor programs are subject to cancellation during rain, snow, or lightning storms.

& Indicates that program is wheelchair accessible with assistance. Wheelchairs may be available for loan at the Canyon View Center.



BECOME A JUNIOR RANGER

Grand Canyon National Park offers a Junior Ranger program for children ages 4-14. To take part in the program, pick up a Junior Ranger newspaper at Canyon View Center, Yavapai Observation Station, or Tusayan Museum information desk and complete the listed activities for the appropriate age level. Once completed, bring the newspaper back to Canyon View Center or Tusayan Museum to receive an official Junior Ranger certificate and badge.



GOOD AT ALL NATIONAL PARKS

Now Available!

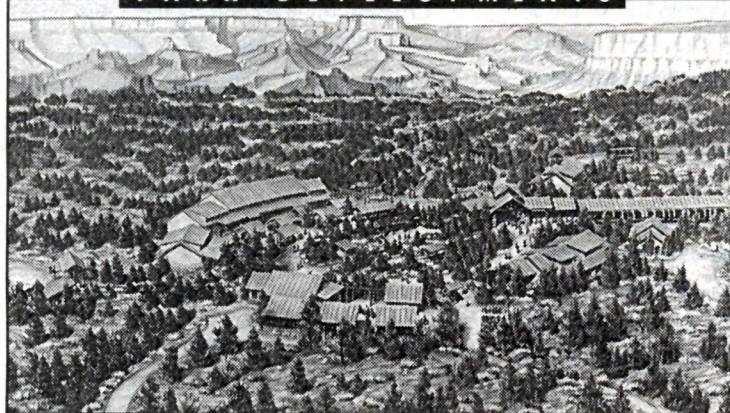
New National Parks Pass

The National Park Service
proudly introduces the

National Parks Pass. This new pass

admits the pass holder and any accompanying passengers in a private vehicle to all national parks for one year. At a cost of \$50, this pass comes with a PopOut map of the national parks, a Proud Partner decal, and an offer for the free *GoParks* newsletter. The National Parks Pass can be purchased at park fee stations, by calling **1-888-GO-PARKS**, online at www.nationalparks.org, and through cooperating associations.

PARK DEVELOPMENTS



NPS illustration

A SPECIAL NOTE

FROM THE SUPERINTENDENT

Welcome to Grand Canyon National Park — an important place in our American heritage and legacy. Grand Canyon is a place of tremendous beauty, peace, and scenic grandeur, as well as tremendous natural and cultural interest. The park's General Management Plan directs us to take steps to improve your canyon experience, while together we protect this precious, natural landscape found nowhere else on Earth.

The newly opened Canyon View Information Plaza is the first step in changing the way people visit the park. Here you will find a menu of Grand Canyon activities, orientation information about the park, and staff on hand to answer your questions. From Canyon View Information Plaza, it's a short walk (or ride if you have a mobility need) to Mather Point — your first view of Grand Canyon. Getting to Canyon View Information Plaza is quick and easy — park your car, ride a shuttle bus, and enjoy the scenery along the way.

Several other improvements are underway at the park. This year, construction begins on the Greenway, a 73-mile network of multi-use trails on the North and South Rims. A dynamic learning center for park visitors of all ages and interests, the Heritage Education Campus, is planned for Grand Canyon's historic village. Development continues for a light-rail transportation system that will allow visitors greater ease in moving around the park without distraction and delay from the noise and congestion of automobile traffic. While this transit system is still several years away, the park is moving ahead with related improvements. Some traffic routes have been modified to provide shuttle service to the new orientation center. The park's alternative-fuel bus fleet will be expanded and available to all, including those with accessibility needs.

For more information about Grand Canyon National Park, see our website at www.nps.gov/grca or call 520-638-7888 for information updates.

Enjoying Grand Canyon

There is no one or best way to experience Grand Canyon. Factors such as time, interests, and weather influence your visit. The following "MENU" of possible activities is provided for you to design your personal Grand Canyon experience. For locating places mentioned below please refer to maps on pages 8, 9, 10, 13, and 16. *(An Accessibility Guide is available for visitors with mobility impairments.)*

ACTIVITY

COMMENTS

ATTEND FREE RANGER PROGRAMS

- Listed on page 2
- Junior Ranger program described on page 2

VISIT SCENIC HERMIT ROAD

8 miles one way
Allow at least two hours round-trip

- Closed to private vehicles through Nov. 30. Take the free shuttle bus
- Views of river at Hopi, Mohave, Pima Points
- Visit Hermits Rest — historic landmark with view of river

VISIT SCENIC DESERT VIEW DRIVE

25 miles one way

- Tour by private vehicle or commercial bus
- Views of river at Moran Point, Lipan Point, Desert View
- May exit park to east on this road

HIKING AT GRAND CANYON

Walk part of the Rim Trail

- See map pages 8-10; described on page 12
- Trail may be accessed at many locations along rim

Day Hike into Grand Canyon

- See pages 12-13 for information on trails and safety
- It will take twice as long to hike up as it does to hike down
- **Do not attempt to hike to the river and back in one day**

Backpack in Grand Canyon

- Permit and fees required (see page 13)
- Inquire at Backcountry Information Center (8 a.m.-12 p.m. & 1-5p.m.)

VISIT AN INFORMATION CENTER OR MUSEUM

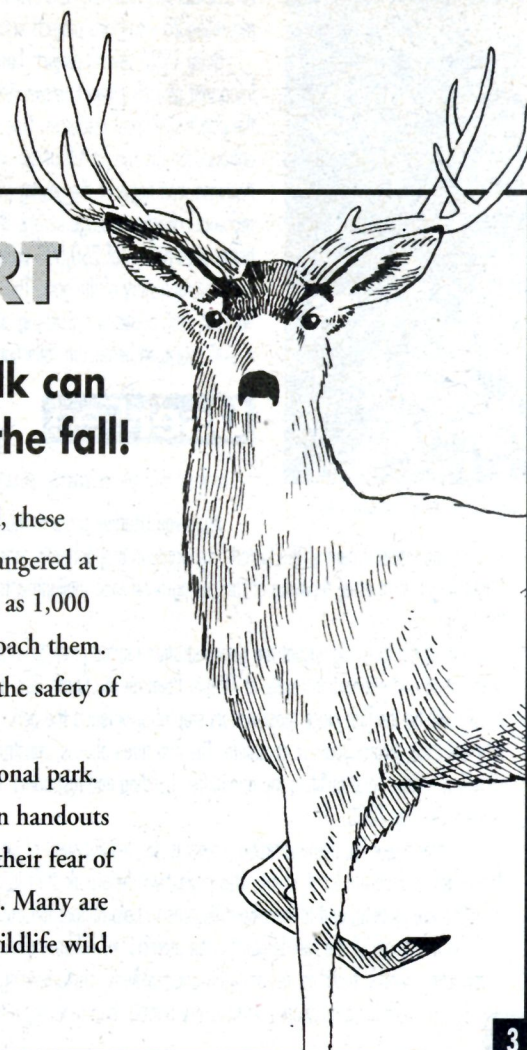
- The park offers a variety of museums and information centers which house exhibits and provide park information
- See page 4 for more information

WILDLIFE ALERT

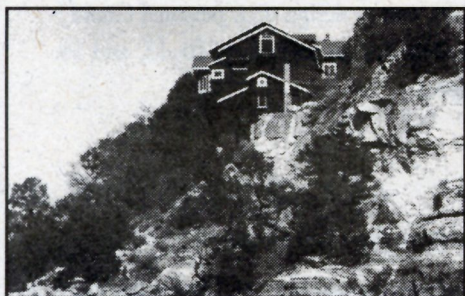
Grand Canyon's wild deer and elk can be especially aggressive during the fall!

Fall is rutting period for deer and elk. During this period, these animals become increasingly aggressive. They may become angered at any intrusion into their territory. Elk, which weigh as much as 1,000 pounds, have been known to injure or kill people who approach them. Never approach wild animals. Photograph all wildlife from the safety of your vehicle. Use telephoto lenses and observe quietly.

It is dangerous, and illegal, to feed wild animals in a national park. Violators will be fined. Wildlife can become dependent upon handouts and lose their ability to hunt and forage. Such animals lose their fear of humans. They can become aggressive and bite, kick, or gore. Many are struck by cars while searching for handouts. Help us keep wildlife wild. Never feed or approach wildlife.



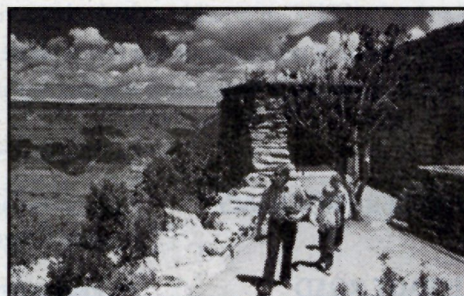
INFORMATION CENTERS & MUSEUMS



Kolb Studio

Once the home and business of the Kolb brothers, pioneering photographers at Grand Canyon, this building has been restored. Visit the free art exhibits in the auditorium (see page 5) and shop in the bookstore.

Kolb Studio is located in the Village Historic District, at the Bright Angel trailhead. **Open daily** 8 a.m. to 6 p.m.



Yavapai Observation Station

Yavapai Observation Station, located 1 mile east of Market Plaza, contains temporary exhibits about the fossil record at Grand Canyon. A panorama of the canyon is visible through the building's large windows. **Open daily** 8 a.m. to 6 p.m.

Educational materials about the park and region are sold in the non-profit bookstore.



Tusayan Museum

A visit to Tusayan Ruin and Museum will provide a glimpse of Pueblo Indian life at Grand Canyon some 800 years ago. The museum, located 3 miles west of Desert View, is **Open daily** 9 a.m.-5 p.m. Free Admission. **May be closed during inclement weather.**

Museum will be closed in early Nov. due to interior construction work.

A self-guiding trail leads through the adjacent 800-year-old ruin. See page 2 for information on programs originating here.



Desert View Information Center

Orientation, park information, and books are available at Desert View Information Center, located at the park's east entrance. **Open daily** 9 a.m. to 5 p.m. as staffing permits.

SIGNS OF PROGRESS — YOUR FEES AT WORK



Photo © Lynn Rodaka, all rights reserved

WONDERING WHAT HAPPENS TO THE MONEY YOU'VE GIVEN GRAND CANYON NATIONAL PARK? Grand Canyon is participating in the Fee Demonstration Program authorized by Congress in 1996. This program allows the park to keep 80% of the revenue from most fees charged at Grand Canyon (including entrance fees, backcountry/river permit fees, and commercial tour fees) and use that money for park projects. The remaining 20% supports projects in other NPS areas.

Since 1996 several projects have been completed. These important projects either improve visitor services or further protect the park's significant resources. One such project is the "prepaid" entrance lane to the far left at the entrance station. This lane helps decrease wait times at the paying windows. Another project is a new museum collection storage facility. The new storage area allows for better preservation of 250,000 artifacts that document the natural and cultural history of the park. The artifacts range from 20,000-year-old sloth bones to 1,000-year-old ceramic pots to a more recent 8,000 specimen herbarium collection.

UserFee

Look for this sign on recently completed projects throughout the park

Approved UserFee projects that will take place on the North Rim include rehabilitation of the historic campground amphitheater, orientation wayside exhibits in the Bright Angel Point area, repaving of the campground road realignments, and improved bus parking at the lodge.

One of the most significant fee demonstration funded projects is the construction of a new visitor information and orientation center at Mather Point on the South Rim. Canyon View Information Plaza (CVIP) will be the first place most visitors stop after entering the park. CVIP is a multiphase project that will take several years to complete. The first three phases, constructing access and transit roads, installing utilities, and building the orientation building and restrooms, have been completed. CVIP opened October 2000.

Another major fee demonstration project is the development of an Aircraft Over-Flight Management Program for the park. This project will help park staff to determine the magnitude of the aircraft noise problem and to develop measures to help restore natural quiet to the park.

The remainder of the fee demonstration projects will address other park concerns, including: constructing needed facilities, restoring historic buildings, implementing new visitor education programs, adding additional backcountry patrols, and repairing and constructing restrooms.

GRAND CANYON ASSOCIATION MEMBERSHIP

One of the best ways you can support Grand Canyon National Park is to become a member of Grand Canyon Association (GCA). GCA is a non-profit organization that supports education, research, and other programs for the benefit of the park and its visitors. Since its inception in 1932, GCA has provided the park with over \$15 million in aid.

Annual membership dues begin at just \$35—less than \$3 a month. Members receive a certificate for a complimentary GCA publication, 20% discount at GCA bookstores, and a 10% discount on selected GCPI courses (see below).

For more information or to join GCA call (800) 858-2808 or stop by one of our bookstores at Canyon View Information Plaza, Yavapai Observation Station, Kolb Studio, Tusayan Museum, or Desert View Information Center.

www.grandcanyon.org

GRAND CANYON FIELD INSTITUTE (GCPI) In-depth classes about Grand Canyon are offered to the general public through GCPI. Classes are one to

eight days in length and cover subjects such as geology, ecosystems, native cultures, birds, photography, botany, and much more. Introductory and advanced backpacking trips are available as well. Classes are offered March through early November and meet on either the North or South Rim of the canyon unless noted otherwise.

For a course catalog call or write: Grand Canyon Field Institute, P.O. Box 399, Grand Canyon, AZ 86023; phone: (520) 638-2485. www.grandcanyon.org/fieldinstitute

GRAND CANYON NATIONAL PARK FOUNDATION

Grand Canyon National Park Foundation (GCNPF) is the primary fund-raising partner working for Grand Canyon National Park's future. The foundation seeks private funding for park projects approved by the park superintendent. Currently, we are working on the following:

- **Heritage Education Campus**, which is a multi-year historic preservation project that will transform buildings within Grand Canyon Village into a state-of-the-art educational center

- **Grand Canyon Greenway trail project**, which will increase the trail system on both rims of the canyon and provide expanded opportunities for bicyclists, pedestrians, and equestrians. Contributions are accepted at in-park donation boxes or by mail. Your gift *does* make a difference. More information is available at Canyon View Center or by writing GCNPF, 23 E. Fine Ave. Flagstaff, AZ 86001. Phone: (520)774-1760 www.grandcanyonfoundation.org

VOLUNTEER If you or your group would like to give something back to Grand Canyon, join the Habitat Restoration Team! Projects help restore the canyon's natural environment and may include: repotting or planting native plants, removing non-native species, restoring a historic cabin, painting, and carpentry. Projects range in length from a few hours to a week. If you have a few hours to give, we may be able to utilize your talents today. Call Frank Hays at (520) 638-7857 for further details.

GET INVOLVED

RESTORING NATIVE HABITAT AT GRAND CANYON



The South Rim of Grand Canyon National Park receives nearly 4.5 million visitors a year. Imagine 9 million feet walking toward the canyon's edge to enjoy the spectacular view. Most of these feet are taking the easiest, most direct route to their destination. They predictably impact the park's native vegetation along the way. Other disturbances such as the construction of new facilities and the spread of non-native plant species also have repercussions on the park's native vegetation. This then affects wildlife that relies on native plant species for forage and shelter.

In an effort to reverse these impacts, Grand Canyon National Park has dedicated park staff to habitat restoration. The revegetation crew, with the help of volunteers, restores impacted areas to a more natural condition. In order to accomplish these goals, the staff focuses on the following activities:

- ☛ A large variety of native plant seeds are collected from developed and natural areas in the park.

- ☛ Native plants and seeds are grown and stored in a plant nursery. Pre-planting activities such as seed cleaning and processing, plant potting, and maintenance occur year-round at this facility.

- ☛ Once the plants in the nursery are old enough, they are replanted in areas from which the seed was originally collected. The crew maintains the planted areas until the plants are well established. These plants are then monitored for mortality and disturbance. The site monitoring also helps to determine the success of various

revegetation techniques and to improve the methods utilized by the revegetation crew.

- ☛ Large trees, grasses, shrubs, and topsoil are salvaged prior to any construction activities that occur within the park. The plants are maintained in the field or at the nursery until the construction is completed, then they are replanted on the site.

- ☛ Fences are constructed to protect existing natural vegetation as well as restored sites. The fences also help to identify the existing trail system that should be used by park visitors.

- ☛ The removal of non-native plant species is critical to the maintenance of native plant communities in the park. Non-native species enter the park in various ways and colonize soil that has been disturbed. In order to stop non-native plant species from spreading and displacing native species, they are manually removed. Native species are then planted or seeded in their place.

At locations throughout the village, and on Desert View Drive and Hermit Road, Grand Canyon's revegetation crew, volunteers, and park visitors have dedicated a great deal of time and energy into designating pathways, replacing topsoil, replanting native plants, and erecting fences.

PARK NEWS

WE NEED YOUR HELP

Habitat restoration is an on-going process, and it often takes many years to see the results. For this process to work, we need your help.

- ☛ Volunteer with park staff to help with restoration efforts. To make arrangements, call 638-7964 or 638-7857.

- ☛ Always stay on trails and do not fall victim to the temptation to shortcut. Do not enter areas posted as Revegetation Areas. These sensitive and fragile areas have recently been planted with native vegetation. If the vegetation is trampled or the soil compacted, it is very difficult for the plants to survive.

- ☛ Enjoy observing and learning about the native vegetation of Grand Canyon. Please do not disturb the native vegetation by trampling, collecting, or harming these beautiful plants.

We ask that you respect the time that has been invested in protecting the park and its resources. Your cooperation will allow the native vegetation a chance to recover, and thus help to preserve Grand Canyon's incredible resources.



DYNAMIC EARTH

SCHOOL FIELD TRIP PROGRAM

Grand Canyon National Park invites you and your students to participate in our geology field trip program entitled "Dynamic Earth." This program is designed for grades 4 through 8, is curriculum-based, and addresses specific national and Arizona academic standards. It is free of charge and open to all interested schools and teachers. For more information and a registration form call (520) 638-7762 or visit our website at www.nps.gov/grca/education/.

ART EXHIBIT



QUILTING FROM THE HOPI MESAS

The Hopi have used quilts to commemorate special events ever since quilting was introduced to them by Anglo teachers and missionaries in the late 1800s. For decades birthdays, weddings, and anniversaries have been remembered with fabric and thread, the resulting quilts often incorporating aspects of traditional Hopi life such as pottery, katsinas, and clan designs. *Quilting from the Hopi Mesas* showcases thirty-five quilts in a wide variety of colors and sizes. This exhibit celebrates an interweaving of Anglo and Hopi cultures in beautifully painted, embellished, and hand-stitched Hopi quilts. Join us at Kolb Studio November 6, 2000 through January 14, 2001 for this exhibit. Kolb Studio is located east of the Bright Angel trailhead. Admission is free. *Quilting from the Hopi Mesas* is on loan from the Arizona Commission on the Arts.

The Kolb Studio Exhibit Program is sponsored by Grand Canyon Association and Grand Canyon National Park.

PARK NEWS

DURING THE SPRING AND SUMMER OF THE LAST TWO YEARS, GRAND CANYON NATIONAL PARK VISITORS HAVE BEEN TREATED TO THE SIGHT OF CALIFORNIA CONDORS SOARING OVER THE CANYON. These condors are enjoying the park like any human visitor.

The story of condors in the Southwest is an old one with some new chapters. Bones found in caves at the Grand Canyon show that their ancestors have been in this area for the past 50,000 years. Originally condors, including some species even larger than the California condor, existed throughout much of temperate

North America. They were scavengers that fed on the carcasses of large mammals such as mastodons and ground sloths. As these prey species became extinct, the population of condors declined. When Europeans arrived, California condors were found mostly along the Pacific Coast, perhaps surviving on the carcasses of marine mammals that had washed ashore. Condor populations continued to decline over the next several hundred years. The last sighting in Arizona occurred in 1924 near Williams, just south of Grand Canyon. By 1982 the entire population of California condors consisted of twenty-two birds, only six of which were surviving in the wild. A decision was made to trap these last free-flying birds and raise them in captivity.

The condors reproduced well in captivity, and in 1992 a few were re-introduced to the wild in California. It was deemed desirable to establish a second population, and Arizona's Vermilion Cliffs, north of the Grand Canyon, was selected as the release site. Beginning in December 1996 a total of nineteen condors was released at three different times at the Vermilion Cliffs site. An additional nine birds were set free in November 1998 at a site on the Hurricane Cliffs west of the previous release site. The most recent release was of seven condors from the Hurricane Cliffs site in December 1999. It is anticipated that there will be additional releases at both sites in the future.

Most of the birds survived in the wild, although some did not adapt well and were recaptured. Others succumbed to natural predators such as coyotes and golden eagles. Two deaths were human related – one bird was shot and the other collided with a power line. This past summer a

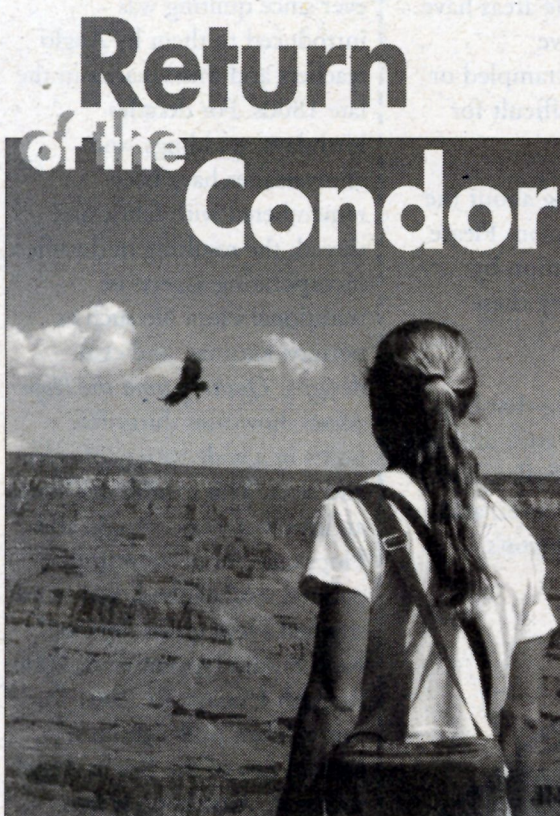
more insidious cause of mortality has been confirmed – lead poisoning. A number of condors consumed meat from carcasses containing lead pellets, causing four deaths. Recapture and blood testing have identified other condors with high levels of lead in their systems. Researchers are attempting to discover the source of the pellet-contaminated carcasses.

California condors live long lives of 60-70 years. They are very communal and like to travel together. This gives young birds a chance to learn successful behavior from older birds. All of the birds released in Arizona have been young birds that have had to learn survival techniques on their own. In a way, it is surprising that so few have died following re-introduction.

Condors are naturally curious. Unlike their close relative the turkey vulture, condors do not have a sense of smell. Instead, they locate carrion by investigating the activity of other birds. These captive-raised birds seem to show little fear of humans. This combination of innate curiosity and lack of fear can cause problems.

Because it is undesirable for young birds to become habituated to people, condors in developed areas and places frequented by visitors are being hazed. This aversive conditioning usually consists of making loud noises to frighten the birds away and must only be done by trained personnel. No techniques are used that harm the birds.

The continued existence of free-flying California condors is dependent upon the successful establishment of a self-sustaining population in northern Arizona. Over the next few years we will find out if these young birds can learn to survive and reproduce on their own. Your help in achieving this goal is greatly appreciated.



NPS photo by Elaine Leslie

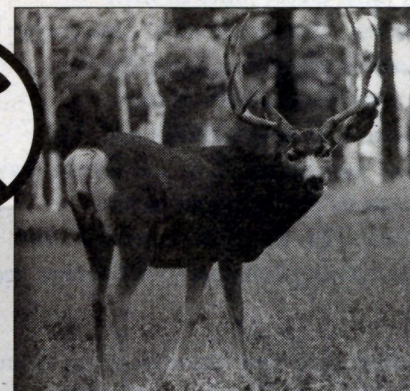
WHAT TO DO IF YOU SEE A California Condor

If you should be fortunate enough to see a California condor, a large black bird with a featherless head and a prominent wing tag, please remember the following guidelines:

- Do not approach the birds or allow them to approach you. A minimum safe distance of at least 50 feet (15m) must be maintained at all times.
- Do not feed them or leave food out for them.
- If you are backpacking in an area frequented by condors, do not leave your campsite unattended. Condors have been known to destroy tents, packs, sleeping bags, and other equipment while investigating the site.
- Report all sightings to a ranger as soon as possible.



Wildlife Warning



Grand Canyon's deer, squirrels, ravens, and other animals are suffering. Help us!

You can make a difference:

Keep your distance Discourage animals from approaching you. Scare them away.

Never feed them Once a wild animal is fed human food, it becomes addicted—this habit culminates in the animal's death.

Inform others If you see other visitors approaching or feeding wildlife, please stop them and let them know they are killing the animal. Report to a ranger the offenders' license plate numbers and/or other identifying information. It is a crime to feed or even approach park wildlife. 36CFR2.2(A)(2)—fines up to \$5000.

Remember, deer can be aggressive and may seriously injure you. Squirrels may carry bubonic plague and rabies. Protect yourself and your family: keep a safe distance while enjoying the park's wildlife.

Free Shuttle Bus Routes & Stops



HERMITS REST ROUTE

This shuttle bus route provides transportation between Village Route Transfer and Hermits Rest with all stops listed below. Buses stop only at Mohave and Hopi Points on return. This is a convenient route to walk and ride at your own pace.

VILLAGE ROUTE TRANSFER

Access to Village Route and all services, Rim Trail

TRAILVIEW OVERLOOK

Rim Trail

MARICOPA POINT

Rim Trail

POWELL POINT

Powell Memorial, view of Orphan Mine, Rim Trail

HOPI POINT

(westbound & eastbound) Sunset view, River view, Rim Trail

MOHAVE POINT

(westbound & eastbound) River view, Rim Trail

THE ABYSS

Rim Trail

PIMA POINT

River view, Rim Trail

HERMITS REST

Food (snacks), gifts, restroom, pay phone, water, Hermit trailhead, Rim Trail



VILLAGE ROUTE

This shuttle bus route provides transportation between Canyon View Information Plaza and the Hermits Rest Transfer with all stops listed below.

CANYON VIEW INFORMATION PLAZA

Visitor information, bookstore, restrooms, pay phones, access to Mather Point, Rim Trail, and shuttle bus transfer to Kaibab Trail Route



YAVAPAI ROOMS

(eastbound & westbound)



MARKET PLAZA

(eastbound & westbound) Parking Lot A, Yavapai Lodge, food, gift shops, restrooms, pay phones, bank, ATM, post office, groceries



SHRINE OF THE AGES

(eastbound & westbound) Parking Lot B, Mather Amphitheater, Park Headquarters, restroom, access to Rim Trail



TRAIN DEPOT

Rim lodging, food, gift shops



BRIGHT ANGEL LODGE

Rim lodging, food, gift shops, restroom, Rim Trail



HERMITS REST TRANSFER

Bright Angel trailhead, transfer to Hermits Rest Route, Rim Trail, Kolb Studio



MASWIK LODGE

Lodging, food, gifts, restroom



BACKCOUNTRY INFORMATION CENTER

Parking Lot E, backcountry permits, restroom, pay phones



CENTER ROAD

Parking Lots C and D



VILLAGE EAST

Auto repair



CAMPGROUND

Mather Campground, laundry, showers



TRAILER VILLAGE

RV Camping



KAIBAB TRAIL ROUTE

This shuttle bus route provides transportation between Canyon View Information Plaza and the South Kaibab trailhead with all stops listed below.

CANYON VIEW INFORMATION PLAZA

Visitor information, bookstore, restrooms, pay phones, access to Mather Point, Rim Trail, and shuttle bus transfer to Village Route



SOUTH KAIBAB TRAIL

South Kaibab trailhead, pay phone



YAKI POINT

Picnic tables



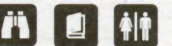
MATHER POINT

Access to Canyon View Information Plaza, Rim Trail



YAVAPAI OBSERVATION STATION

Bookstore, restroom, Rim Trail



Village Route Free Shuttle Bus

The free shuttle bus system operates three routes: Village, Hermits Rest, and Kaibab Trail. No tickets are required.

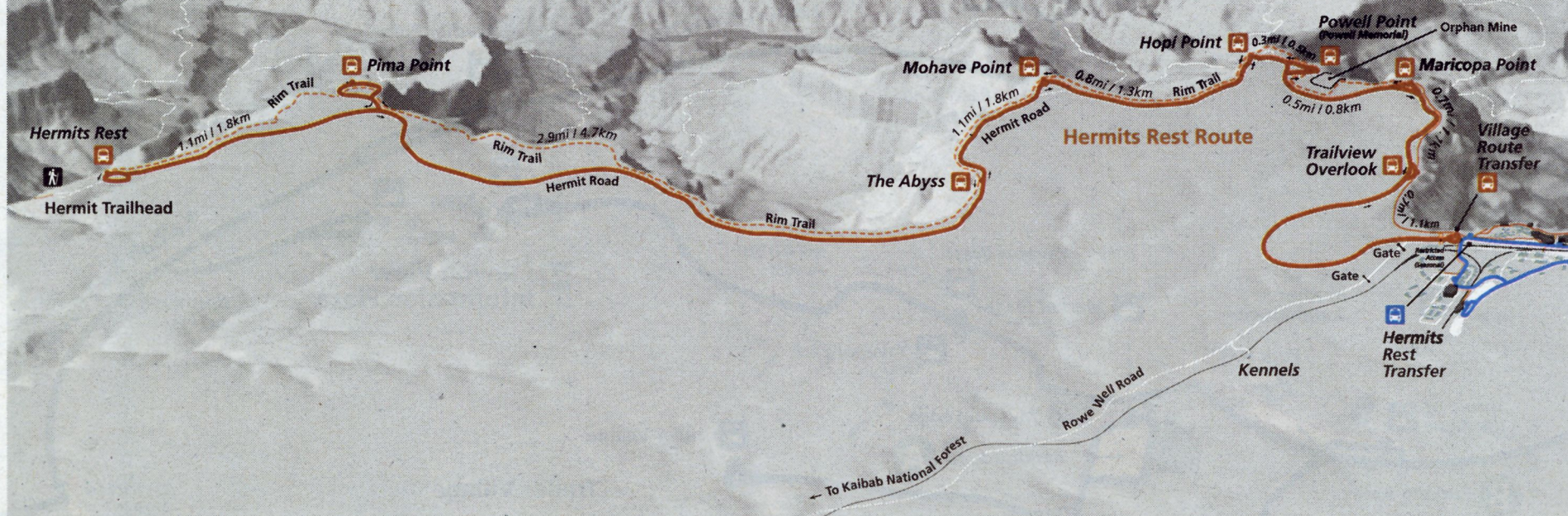
Simply board the brown & tan buses or the white buses with green stripes at any bus stop marked with a bus symbol on the map.

The Village Route shuttle bus provides round trip transportation between Canyon View Information Plaza and Hermit Rest Transfer with all stops shown below.



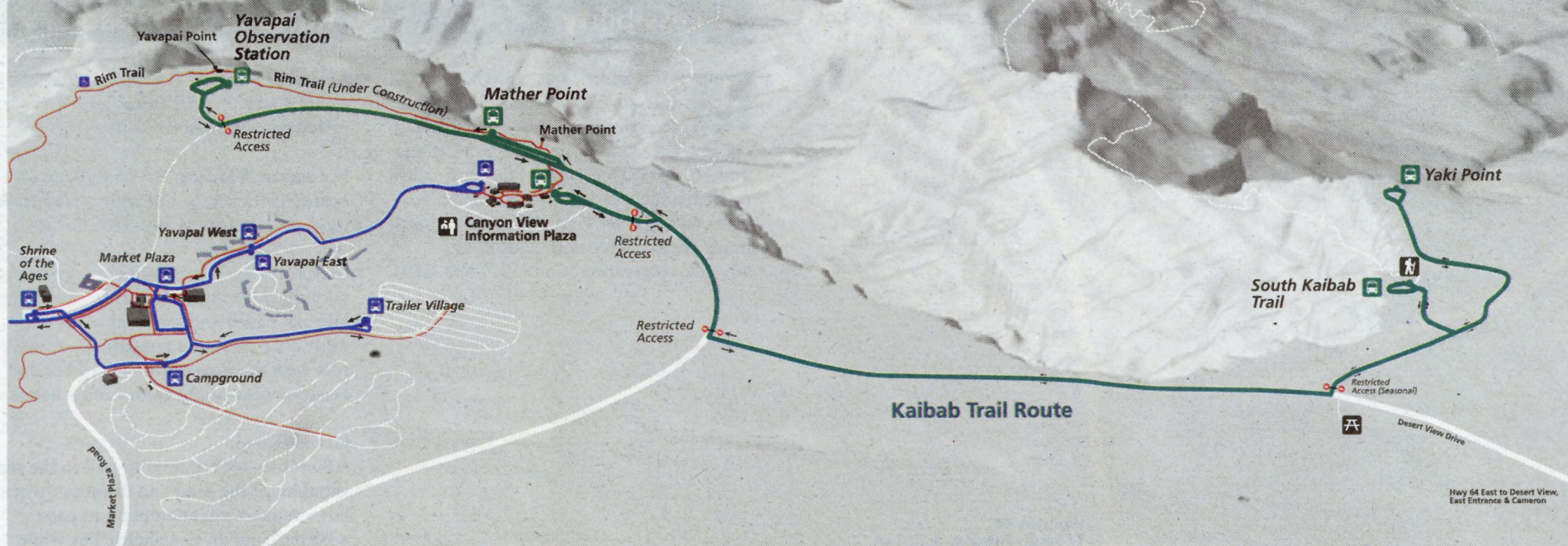
Hermits Rest Route Free Shuttle Bus

This shuttle bus provides round-trip transportation between Village Route Transfer and Hermits Rest with stops at all scenic viewpoints along the route. This is a convenient route to walk the Rim Trail between shuttle bus stops.



Kaibab Trail Route Free Shuttle Bus

This shuttle bus provides round-trip transportation between Canyon View Information Plaza and South Kaibab trailhead with stops at Yaki Point, Mather Point, and Yavapai Observation Station.



A New Way to Visit

A combination of light rail and alternative fuel buses has been selected for the future transportation system at the South Rim of Grand Canyon National Park.

Visiting Grand Canyon just for the day? Day-use visitors to the South Rim will park their vehicles at Grand Canyon Transit Center in Tusayan. From this gateway community they will board a light-rail train for the six-mile ride to Canyon View Information Plaza (CVIP) located near Mather Point. This service will run year-round and will also provide service from CVIP to Grand Canyon Village and back to Tusayan. These light-rail trains will be capable of transporting large numbers of people. They will be designed with spacious cars, large windows, and high ceilings. The trains will also be accessible to wheelchairs, bikes, and strollers. A fleet of alternative fuel buses will meet visitor transportation needs in those areas that are not served directly by the light-rail system. The buses will be powered by natural gas or electrical power cells. They will offer a clean and quiet alternative to conventional fuel buses. These buses will also run year-round at regular intervals.

Why the change? Grand Canyon is one of the most visited national parks in the country. We receive approximately 5 million visitors each year, most arriving by car. During the busy summer months, an average of 6,000 cars enter the park at the South Rim, all vying for the limited number of parking spaces. Because of this, visitor experience has been eroding for many years. The park's 1995 General Management Plan was developed as a way to respond to increasing visitation and the damage and congestion caused by private vehicles.

The selection of alternative fuel buses and light-rail transit is a milestone in accomplishing an innovative vision for efficient park transportation in the twenty-first century. With this system in place, the experience of park visitors will greatly improve from the congested auto-based experience of today. Visitors will find it easier to navigate and enjoy the park.

What about tour buses? Due to the efficiency and high capacity of light-rail transit, the need for tour-bus parking at Mather Point will be eliminated. Tour bus passengers will also change over to the light-rail system in Tusayan in order to visit the park. Transportation buses providing point-to-point visitor transportation services (such as the passenger bus from Flagstaff, Arizona) will use the Maswik Transportation Center for pick-up and drop-off.

Overnight visits. Visitors with overnight lodging, camping, or recreational vehicle reservations will be able to drive to a designated parking area for their accommodations. Once at their destination, they will travel within the park on the transit system.

Canyon View Information Plaza. Canyon View Information Plaza (CVIP) will be integral to the shift from automobiles to mass transit. This facility will be the primary hub for transit to and within the park. It will accommodate up to 4,000 people per hour. Here, visitors will experience their first view of Grand Canyon at Mather Point, encounter a menu of activities with which to plan a visit to the park, and board transportation to access those activities. In addition to light rail and shuttle connections, CVIP will also offer access to the Rim Trail and Greenway trail system, allowing visitors to walk or bicycle to other points in the park. Bicycles will be available for rent.

When do these changes happen?

This new transit system will be implemented in phases. Expansion of the existing shuttle system is underway and will continue through the next several years. Canyon View Information Plaza opened late October 2000. The light rail component is expected to be completed by 2004. During the transition between the opening of CVIP and the arrival of the light rail, CVIP will be accessed by shuttle buses.



Illustration by J. Craig Thorpe

The big picture. The goal of the National Park Service is to preserve the Grand Canyon for future generations and to provide a memorable visitor experience. This transit system is consistent with management decisions being made to protect Grand Canyon's resources. While much is being done to reduce noise from aircraft and boat motors, this plan strives to solve transportation issues while also restoring, to the greatest extent possible, natural sounds of the canyon by reducing private vehicles and using alternative-fuel transit.

Want to learn more?

You can find more information about future plans for Grand Canyon National Park at: <http://www.nps.gov/grca/future.htm>

DAY HIKING

BEFORE YOU GO, REMEMBER TO:

Plan ahead As a day hiker no permits are required. You are entirely on your own. Your descent, however brief, marks your entry into a world in which preparation, self-reliance, and common sense are crucial. **Double your calories, Double your fun** Salty snacks and

water or sports drinks should be consumed on any hike lasting longer than 30 minutes. Food is your body's primary source of fuel and salts (electrolytes) while hiking in the canyon. If you do not balance your food intake with your fluid consumption, you run the risk of getting sick. With exertion,

you lose salt and may develop a serious illness. For every hour hiking in the canyon, you should drink 1/2 to 1 liter of water or sports drinks. Your best defense against illness and exhaustion is to eat a large breakfast, a full lunch, a snack every time you take a drink, and a rewarding full dinner at

the end of the day. This is not a time to diet.

Hike Intelligently You are responsible for your own safety as well as that of everyone in your party.

HYPOTHERMIA

Hypothermia is a life-threatening emergency where the body cannot keep itself warm, due to exhaustion and exposure to cold, wet, windy weather.

Symptoms: uncontrolled shivering, poor muscle control, and a careless attitude.

Treatment: put on dry clothing, drink warm liquids, warm victim by body contact with another person, and protect from wind, rain, and cold.

Sunrise & Sunset

DATE	SUNRISE	SUNSET
OCT. 19	6:38 A.M.	5:49 P.M.
OCT. 28	6:47 A.M.	5:38 P.M.
NOV. 6	6:56 A.M.	5:29 P.M.
NOV. 15	7:05 A.M.	5:22 P.M.
NOV. 24	7:14 A.M.	5:17 P.M.
DEC. 4	7:23 A.M.	5:14 P.M.
DEC. 13	7:30 A.M.	5:15 P.M.
DEC. 22	7:36 A.M.	5:18 P.M.
DEC. 31	7:39 A.M.	5:24 P.M.
JAN. 9	7:40 A.M.	5:32 P.M.
JAN. 18	7:38 A.M.	5:40 P.M.
JAN. 27	7:33 A.M.	5:50 P.M.
FEB. 5	7:26 A.M.	5:59 P.M.
FEB. 14	7:17 A.M.	6:08 P.M.
FEB. 23	7:07 A.M.	6:17 P.M.
MARCH 3	6:55 A.M.	6:26 P.M.

HIKING CHART

WARNING: Be prepared for snow and icy conditions. Hiking boots and detachable in-step crampons are recommended. Also, it is recommended that you do not attempt to hike from the rim to the river and back in one day.

Note: There are no loop trails for day hikes; you will be hiking on the same trail in both directions.

TRAILS	DESTINATION	DISTANCE ROUND TRIP	APPROX. TIME ROUND TRIP	ELEVATION CHANGE	NOTES
RIM TRAILS Begin from any viewpoint in the village or along Hermit Road. Rim trails offer excellent walking for quiet views of the inner canyon and for visitors who desire an easy hike. See map on pages 8, 9, and 10 for details.	Along village rim	N/A	15 min. to 1 1/2 hours	200 feet 60 m	Paved. Best easy walk. Passes historic buildings.
	Along Hermit Road	N/A	15 min. to all day	200 feet 60 m	Becomes unmarked dirt path west of Maricopa Point.
BRIGHT ANGEL TRAIL — Steep Trail begins just west of Bright Angel Lodge. Some shade, seasonal water subject to pipeline breaks; check at Canyon View Center for status.	1 1/2-Mile Resthouse	3 mi. 4.8 km	2-4 hours	1131 feet 345 m	Restrooms. No Water
	3-Mile Resthouse	6 mi. 9.6 km	4-6 hours	2112 feet 644 m	No Water
	Indian Garden	9.2 mi. 14.8 km	6-9 hours	3060 feet 933 m	Restrooms. Water.
	Plateau Point	12.2 mi. 19.6 km	8-12 hours	3195 feet 974 m	No Water View of river 1 1/2 mi. beyond Indian Garden
SOUTH KAIBAB TRAIL — Steep Trail begins near Yaki Point on Desert View Drive. Best views for a relatively short hike. Steep trail, no water, little shade. Access trailhead via shuttle bus.	Ooh Aah Point	1.5 mi. 2.4 km	1-2 hours	780 feet 238 m	No Water. First view east.
	Cedar Ridge	3 mi. 4.8 km	2-4 hours	1140 feet 347 m	Toilet. No Water. First Hitching Rail.
	Skeleton Point	6 mi. 10 km	4-6 hours	2040 feet 622 m	No Water. Second Hitching Rail First View of River.
GRANDVIEW TRAIL — Very steep <i>Unmaintained</i> steep trail requires caution. Begins on canyon side of retaining wall at Grandview Point on Desert View Drive (12 miles east of village). For experienced desert hikers. <i>Hiking boots recommended.</i>	Coconino Saddle	1.5 mi. 2.4 km	1-2 hours	1600 feet 488 m	No Water. Use extra caution along narrow sections.
	Horseshoe Mesa	6 mi. 9.6 km	6-9 hours	2600 feet 793 m	Toilet. No Water. Use extra caution along narrow sections.
HERMIT TRAIL — Steep <i>Unmaintained</i> steep trail requires caution. Begins 500 feet west of Hermit's Rest. Water from springs must be treated before drinking. For experienced desert hikers. <i>Hiking boots recommended.</i>	Waldron Basin	3 mi. 4.8 km	2-4 hours	1600 feet 488 m	No Water.
	Santa Maria Spring	5 mi. 8 km	5-8 hours	1680 feet 512 m	Treat Water.
	Dripping Springs	7 mi. 11 km	6-9 hours	1700 feet 519 m	Treat Water. Use extra caution along narrow sections.



NPS photo

Trouble on the Trail

Occasionally, true emergencies occur in the backcountry. *Never abandon someone who is in trouble. Call for help, use your signal mirror, or send a message with another hiker. Almost all emergencies can be avoided with proper forethought.* Many problems, when closely examined, are not truly critical and can be resolved by those involved.

If someone asks you to convey a request for assistance, try to obtain the following information: nature of problem, number of people involved, physical description of people involved, and the location. If possible, please remain available to answer additional questions.

Rangers are prepared to respond to problems of all kinds and will, if available, provide a necessary and appropriate level of assistance. Evaluate your situation rationally and thoroughly before requesting help.

Helicopter Evacuations are an ambulance service *only*. Evacuations are very expensive—costing \$2000 or more per flight. Flying a helicopter in the canyon is risky, given the uneven terrain for landings and the odd wind currents. We take it so seriously that full leather boots, flame resistant gloves, flame resistant flightsuits, and crash helmets must be worn by every passenger.

USE CAUTION NEAR THE EDGE

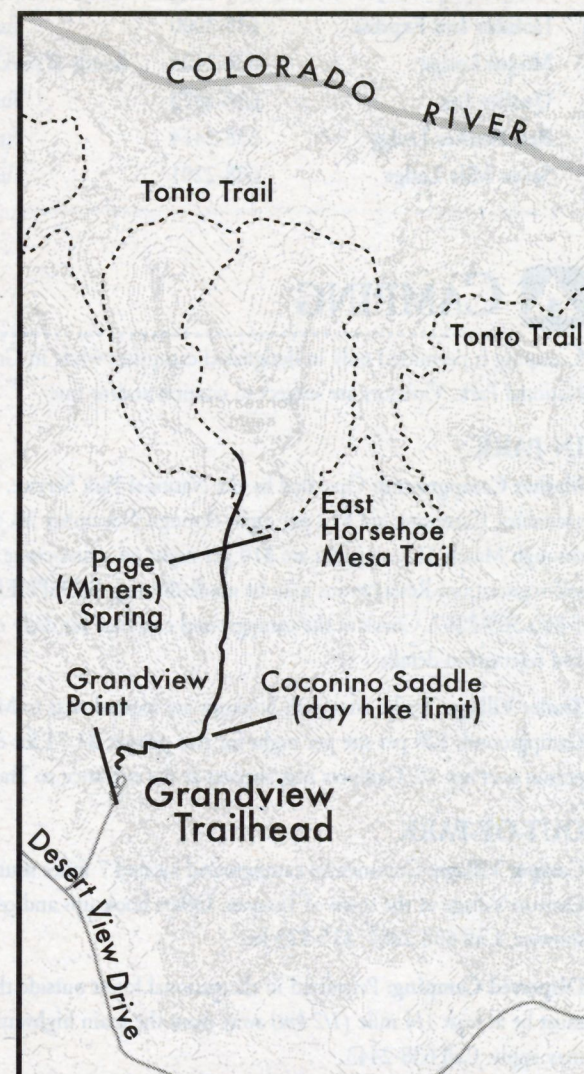
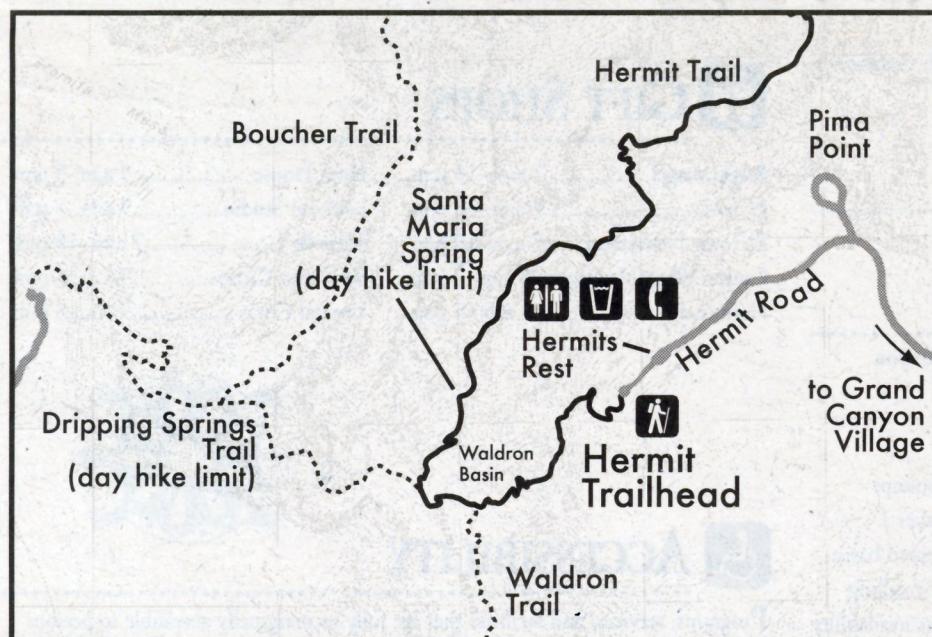
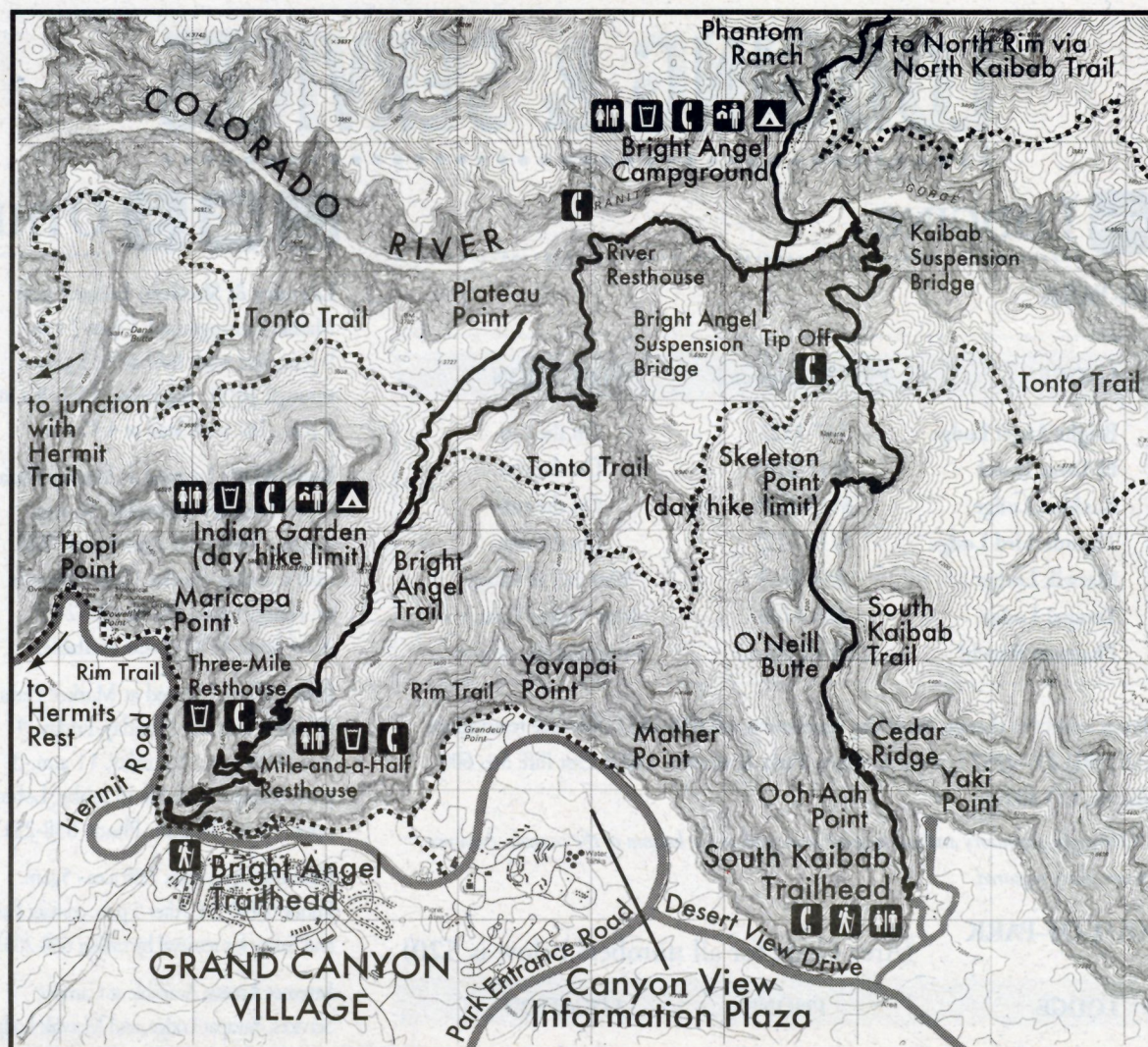


A young woman falls to her death when the ground beneath her gives way at a canyon viewpoint. A man dies after he falls while rock hopping outside the guardrails at Mather Point. A man dies after he falls while trying to get to a rock outcrop for a photograph.

These tragedies are real. In 1998 five people fell to their deaths in Grand Canyon. What was to be a memorable vacation became a nightmare for the friends and loved ones of the victims.

Such accidents are avoidable. Use caution anytime you are at the rim. Don't go beyond guardrails. Be aware of your footing and the condition of the ground surface you are standing on.

Remember there are many beautiful views of the canyon that you can enjoy without putting yourself at risk. Have the memorable trip you planned for and enjoy the canyon safely.



HIKING TIPS

1 Rest Often. Find shade, sit down, prop your legs up, and take a 10-minute break at least once every hour.



2 Go Slow. If you can carry on a conversation, you are hiking at the right pace. If you find yourself out of breath, your legs and digestive system are not getting enough oxygen. Lack of oxygen may cause fatigue, heavy legs, and exhaustion.

Camping Below the Rim

PERMIT & FEES REQUIRED

Overnight backpacking in the Grand Canyon provides a degree of solitude, wildness, and silence that is increasingly difficult to find. In the 1970s, overcrowding and environmental degradation made it necessary to institute a set of rules and regulations to which all backpackers are subject.

A backcountry permit is required for all overnight backpacking. The majority of available permits are reserved up to four months in advance.

A fee of \$10 per permit and \$5 per person per night is charged. The permit process allows the National Park Service to control the number of people in each use area daily, thereby limiting resource impact and impact from human waste and litter. The program allows backpackers to enjoy a greater degree of solitude in experiencing the wilderness of Grand Canyon.

Obtaining a Permit

Individuals arriving in the park without a permit may be able to obtain one by participating in a day-by-day waiting list process for last minute space. Interested hikers should inquire at the Backcountry Information Center (located in the Maswik Transportation Center) which is open daily, 8 a.m.-noon and 1 p.m.-5 p.m.

Guests of Phantom Ranch Lodge who have advance reservations do not need backcountry permits.

For more backpacking information, pick up a BACKCOUNTRY TRIP PLANNER at the Backcountry Information Center or Canyon View Center or by contacting the park information line at:

Backcountry Information Center
P.O. Box 129, Grand Canyon, AZ
86023; or call (520)-638-7875
(between 1 p.m.-5 p.m. M-F)
Park info. line: 520-638-7888

LODGING & SERVICES

FOOD

Canyon Village Marketplace: Located at Market Plaza. Open 8 a.m.-7 p.m.

Delicatessen: Located in Marketplace. Open 8 a.m.-6 p.m.

El Tovar Dining Room: On the rim. Open daily for breakfast, 6:30 a.m.-11 a.m.; lunch, 11:30 a.m.-2 p.m.; dinner, 5-10 p.m. For dinner reservations, call 638-2631 ext. 6432. Lounge open daily 11 a.m.-11:30 p.m.

Arizona Steakhouse: On the rim next to Bright Angel Lodge. Open daily for dinner only, 4:30 p.m.-10 p.m. Closed Jan. 2 - Feb. 16.

Bright Angel Restaurant: Located in Bright Angel Lodge. Open daily 6:30 a.m.-10 p.m. Lounge open 11 a.m.-11 p.m.

Bright Angel Fountain: Located at the Bright Angel Lodge on the rim. Ice cream and snacks. Open daily as weather permits.

Maswik Cafeteria: Located in Maswik Lodge at the west end of the village. Open 6 a.m.-10 p.m. daily. Sports Lounge open daily 5 p.m.-midnight.

Yavapai Cafeteria: Located at Market Plaza. Open daily 6 a.m.-9 p.m.; hours may fluctuate seasonally. Closed Jan. 2 - Feb. 16.

Hermits Rest Snack Bar: Open daily 9 a.m.-4 p.m.

MEDICAL

Medical Service: Dial 911. From hotel rooms dial 9-911.

Grand Canyon Walk-In Clinic: Open Mon.-Fri. 9 a.m.-6 p.m.; Sat., 9 a.m.-1 p.m.; Sun. closed. Phone 638-2551 or 638-2469.

Dentist: Call 638-2395 for hours.

LODGING

IN-PARK

LODGE	PRICES (approx.)	LOCATION
Bright Angel Lodge	\$47-\$122	On the rim
El Tovar Hotel	\$117-\$285	On the rim
Kachina Lodge	\$115-\$125	On the rim
Thunderbird Lodge	\$115-\$125	On the rim
Maswik Lodge	\$64-\$119	West end of village
Yavapai Lodge	\$89-\$103	Near Visitor Center
Phantom Ranch*	(call for prices)	Bottom of the canyon

Prices subject to change. Same-day reservations call 638-2631. Advance reservations call (303) 297-2757 or write to Amfac Parks & Resorts, 14001 East Iliff, Ste. 600, Aurora, CO 80014.

*Overnight dormitory and cabin space is located at the bottom of the canyon. Advance reservations required.

OUT-OF-PARK

(Area Code for all numbers below is 520)

LODGE	PHONE	LOCATION
Grand Hotel	638-3333	Tusayan
Grand Canyon Squire Inn	638-2681	Tusayan
Holiday Inn Express	638-3000	Tusayan
Moqui Lodge	638-2424	South of park's south entrance
Quality Inn	638-2673	Tusayan
Red Feather Lodge	638-2414	Tusayan
Seven Mile Lodge	638-2291	Tusayan

CAMPING

Camping is permitted only in designated campsites while in Grand Canyon National Park. Violators are subject to citation and/or fine.

IN-PARK

Mather Campground: Operated by the National Park Service, (no hookups available). Campsites are \$12 per night through November 30. December 1 through March 31, campsites are \$10 per night on a first-come first-served basis; self-registration. Reservations may be made through BIOSPHERICS by calling 1-800-365-2267. Check at the campground entrance for daily campsite availability and reservation details.

Trailer Village: Trailer sites with hookups are located next to Mather Campground; \$20 per site per night for two people; \$1.75 for each additional person over age 16. Campers may register at the entrance to Trailer Village.

OUT-OF-PARK

Camper Village: Commercial campground located 7 miles south of Grand Canyon Village in the town of Tusayan. Offers hook-ups and coin-operated showers. Call 638-2887. \$15-\$23 fee.

Dispersed Camping: Permitted in the national forest outside the park. Camping must be at least 1/4 mile (1/2 km) away from the main highway. Other restrictions may apply. Call 638-2443.

OTHER SERVICES

Laundry & Showers: Located near Mather Campground. Open 7 a.m.-9 p.m., last wash load at 7:45 p.m. through 10/31. Beginning 11/1, 8 a.m.-6 p.m., last wash load at 4:45 p.m.

Bank/ATM: Located at Market Plaza. Open Monday-Thursday, 10 a.m.-3 p.m.; Friday, 10 a.m.-5 p.m. Will cash travelers checks. Cash advances on charge cards. Phone 638-2437. A 24-hour ATM is also available.

Post Office: Located at Market Plaza. Window service: Monday-Friday, 9 a.m.-4:30 p.m.; Saturday, 11 a.m.-3 p.m. Stamps available in lobby. Lobby open 5 a.m.-10 p.m. Phone 638-2512.

Kennels: Open daily, 7:30 a.m.-5 p.m. Phone 638-0534. After 5 p.m. contact Fire and Safety for retrieval by calling 638-2631.

Internet Access: Available at Camper Services, Yavapai Lodge, and Maswik Lodge. For access at the Grand Canyon Community Library call 638-2718.

Lost & Found: For items lost or found in hotels or restaurants call 638-2631. For all other lost items call 638-7798. Take found items to Canyon View Center.

Telegraph: Located at Express Mini-Mart in Tusayan. Available daily 7 a.m.-10 p.m. Phone 638-2608.

1-Hour Photo Processing: 9 a.m.-5 p.m. daily at Canyon Village Marketplace.

Garage: Mechanic services available at Grand Canyon Garage, located east of Grand Canyon National Park Lodges' General Offices. Open 8 a.m.-noon and 1 p.m.-5 p.m. daily. 24-hour emergency service. Phone 638-2631.

Camping Equipment: Camping, hiking, and backpacking equipment may be purchased or rented at Canyon Village Marketplace. Limited repair services are also available.

GIFT SHOPS

Bright Angel	7 a.m.-10 p.m.	Hopi House	9 a.m.-5 p.m.
El Tovar	7 a.m.-10 p.m.	Lookout Studio.....	9 a.m.-5 p.m.
El Tovar Newsstand	7 a.m.-10 p.m.	Maswik	7 a.m.-10 p.m.
Canyon Village Marketplace	8 a.m.-7 p.m.	Verkamps Curio	9 a.m.-6 p.m.
Hermits Rest	9 a.m.-5 p.m.	Yavapai Curio	9 a.m.-5 p.m.



ACCESSIBILITY

Programs, services, and facilities that are fully or marginally accessible to persons with a physical disability are noted throughout THE GUIDE using the following symbol:  Wheelchair accessible with assistance.

The National Park Service provides wheelchairs for temporary day use by park visitors. No rental fee is charged. A wheelchair is usually available at Canyon View Center. To obtain a temporary parking permit for designated parking, inquire at the Entrance Gate, Canyon View Center, or Yavapai Observation Station.

Wheelchair-accessible tours are available by prior arrangement. Contact any lodge transportation desk or call 638-2631 for information. TDD phones are available to hotel guests in the park.

The Grand Canyon National Park ACCESSIBILITY GUIDE is available upon request at Canyon View Center, Yavapai Observation Station, Kolb Studio, Tusayan Museum, and Desert View Information Center.

LODGING & SERVICES

RELIGIOUS SERVICES

Religious services are offered in the park and surrounding community. The National Park Service does not endorse any group or message. Check current schedules posted at Mather Campground (near restrooms), Canyon View Center, Shrine of the Ages, and the information kiosk near the Post Office. For additional information call numbers listed below.

Grand Canyon Community Church: (*Interdenominational*) Joe Surin, Pastor; 638-2340.

Church of Jesus Christ of Latter-Day Saints: Ted Meredith, Branch President; 638-2792.

Roman Catholic: Father Benedict, Priest; 638-2390.

Grand Canyon Assembly of God: Jim Strating, Pastor; 638-9415.

Grand Canyon Baptist Church: Dr. Paul Kinnison, Pastor; 638-2790.

Jehovah's Witnesses: Jim Reilly, (520) 635-0070.

SERVICE ORGANIZATIONS

Alcoholics Anonymous: Meets Mondays, Wednesdays, and Fridays 7 p.m. at Kachina Room, Kachina Lodge. Meetings are open, non-smoking, and members of all 12-step programs are welcome.

Al-Anon Family Group meets Mondays 8:15 p.m. same location as AA.

Grand Canyon Rotary Club: Meets Thursdays at noon at the Canyon Room, El Tovar Hotel.

Lions Club: Meets at the Grand Hotel in Tusayan. For meeting dates and times call 638-0666.

TRANSPORTATION

Tusayan Shuttle: Leaves airport every hour on the half-hour. Makes stops in Tusayan and at Maswik Transportation Center. Call 638-0821.

Bus: Bus service between Grand Canyon National Park and Flagstaff, Arizona, is offered by Nava-Hopi Tours; call 1-800-892-8687, or inquire at lodge transportation desks for schedule. South Rim Travel offers shuttle service from the park to Flagstaff. Call 638-2748 or 1-877-638-2257 for information and reservations. Greyhound Bus Lines offers service from Flagstaff and Williams, Arizona, to points nationwide.

Train: Grand Canyon Railway offers service between Williams, Arizona, and Grand Canyon. Call 1-800-THE-TRAIN for information and reservations. The Railroad Express offers bus service for people to take only a one-way trip on the vintage train. To ride on the train one-way in the morning, contact any transportation desk. To ride on the train one-way in the afternoon, contact the Grand Canyon Railway at 1-800-THE-TRAIN.

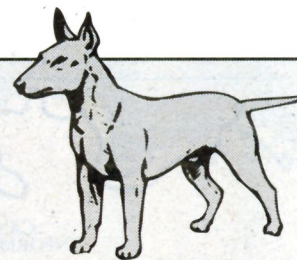
Taxi: Service is available to the Grand Canyon Airport, trailheads, and other destinations. 24-hour service daily. Call 638-2822 or 638-2631 ext. 6563.

Transportation Desks: Information about Phantom Ranch facilities, mule trips, horseback riding, air tours, one-day float trips, and motorcoach tours (wheelchair-accessible vehicles available) is available in lodge lobbies (**hours vary seasonally**). Call 638-2631 ext. 6015.

Maswik Lodge Transportation Desk: 8 a.m.-noon and 1 p.m.-5 p.m.

Bright Angel Transportation Desk: 6 a.m.-6 p.m.

Yavapai Lodge Transportation Desk: 8 a.m.-11 a.m. and 12:30 p.m.-5 p.m.



PETS MUST BE LEASHED AT ALL TIMES.

Leashed pets are allowed on rim trails throughout the developed areas on the South Rim but *not below the rim*.

The only exception is service animals. Persons wishing to take a service animal below the rim must check in first at the Backcountry Information Center (located in the Maswik Transportation Center). Kennels are available.

ADDITIONAL OUT-OF-PARK SERVICES

The following facilities are located in Tusayan, just outside the park's south entrance on U.S. Highway 64 South. Additional services are also available. Consult the local telephone directory for further information.

Fuel

Moqui Service Station	638-2459
Shell Service Station	638-2608

Food

Cafe Tusayan	638-2151
Canyon Country Chinese	638-4030
Canyon Star	638-3333
Express Mini-mart	638-2608
General Store	638-2854
McDonalds	638-2208
Moqui Restaurant	638-2424
Pizza Hut	638-4629
Quality Inn	638-2673
Squire Inn Restaurant	638-2681
Taco Bell	638-8226
Tusayan Steak House	638-2780
We Cook Pizza, Etc	638-2278
Wendy's	638-6484

Internet Access

Grand Canyon Squire Inn	638-2681
Grand Canyon Tourist Center	638-2626
Holiday Inn Express	638-3000
IMAX	638-4629
Quality Inn	638-2673
Red Feather Lodge	638-2414

Salon

Best Western	638-2681
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TOURS & RIVER TRIPS

Air Tours: Fixed-wing and helicopter tours of the Grand Canyon region originate daily from Grand Canyon Airport. Air tour reservations may also be made at any Grand Canyon lodge transportation desk. A list of air tour operators is available upon request at Canyon View Center.

Bus Tours: Tours within the park to Desert View and Hermits Rest, as well as sunrise and sunset tours, are available daily. Wheelchair-accessible coaches are available by prior arrangement. Contact any transportation desk for information or call 638-2631.

Mule Trips: One- and two-day mule trips into the canyon depart in the morning and may be available on a waiting-list basis. Call 638-2631 or contact the Bright Angel Lodge Transportation Desk for full information.

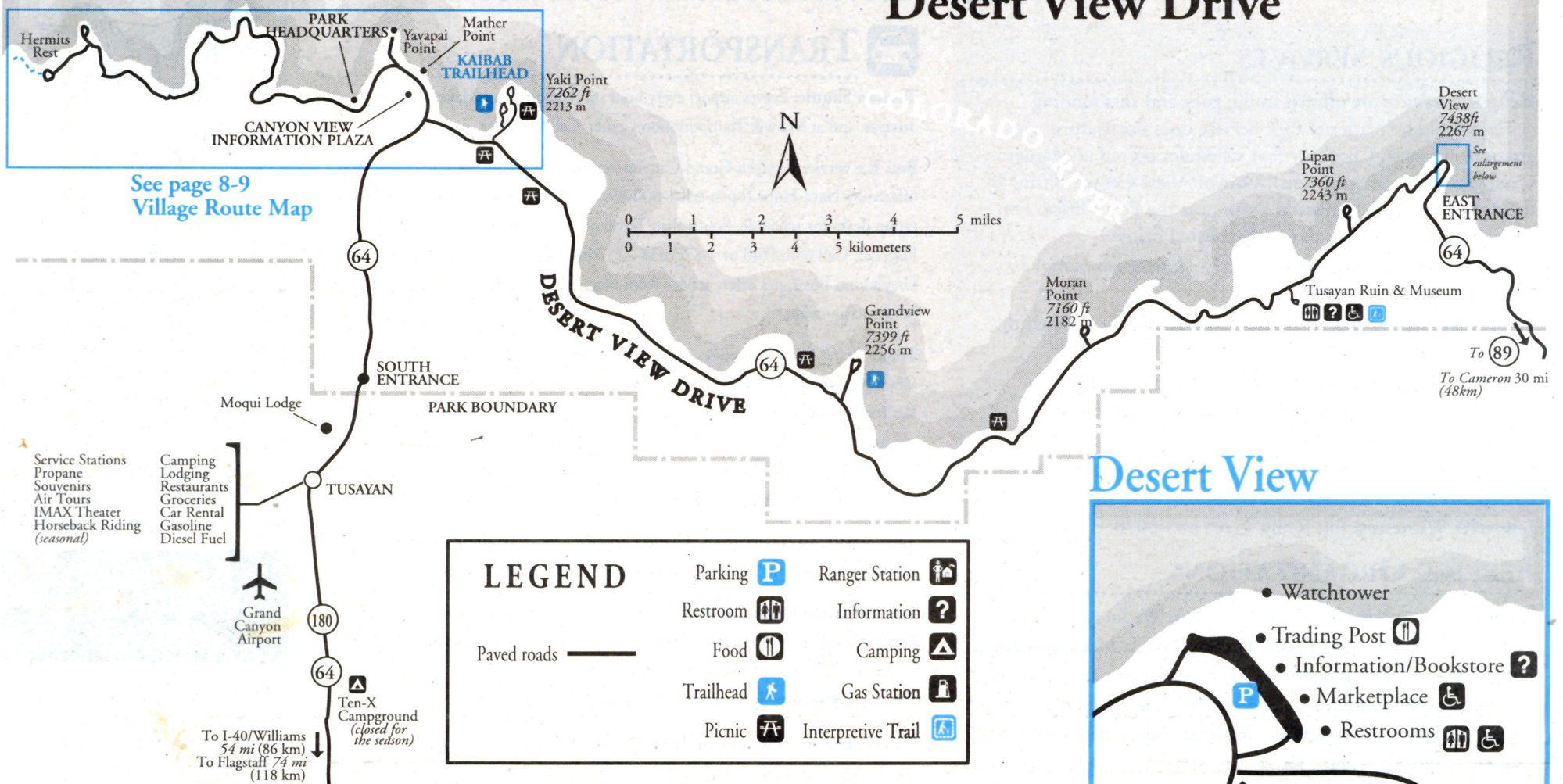
Horse Rides: One-, two-, and four-hour trail rides and twilight campfire and wagon rides available. Located at the Moqui Lodge in Tusayan. For information and reservations call 638-2891.

White Water Raft Trips: White water raft trips through the canyon last from 3 days to 2 weeks and require reservations well in advance (*ask at Canyon View Center for a TRIP PLANNER with a list of river trip operators*).



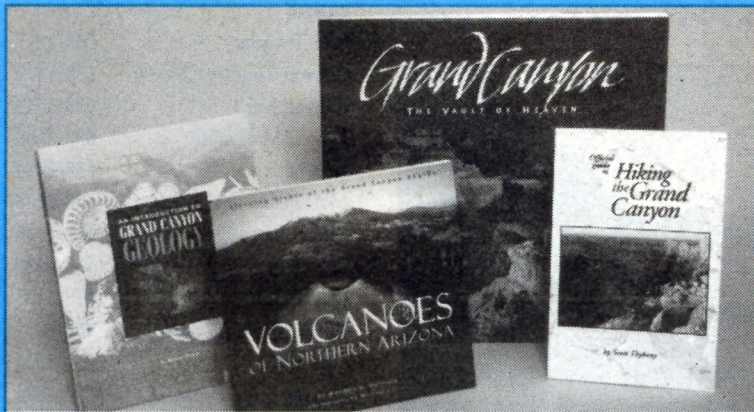
Mike Buchheit

Desert View Drive



GRAND CANYON ASSOCIATION

Quality Books



More than 350 titles to choose from. Proceeds benefit Grand Canyon National Park.

BOOKSTORE LOCATIONS:

- Canyon View Information Plaza
- Yavapai Observation Station
- Kolb Studio
- Tusayan Museum
- Desert View Information Center
- North Rim

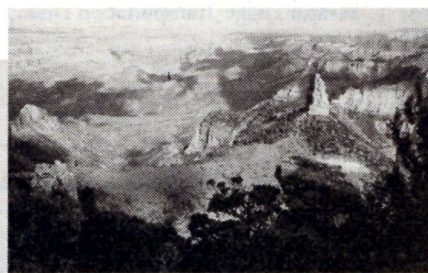
Ask about becoming a Grand Canyon Association member (see page 4 for more information). Members receive discounts on purchases and selected Grand Canyon Field Institute classes.

Mail order service available. Inquire at stores or write for information:

Grand Canyon Association, P.O. Box 399, Grand Canyon, AZ 86023

Phone: (520) 638-2481 Fax: (520) 638-2484

Internet: www.grandcanyon.org



NORTH RIM

The average distance across the Grand Canyon "as the raven flies" is ten miles. However, getting from the South Rim to the North Rim by automobile requires a five-hour drive of 215 miles.

During winter months, the road to the North Rim entrance is closed due to snow. Lodging and camping are available at the canyon's North Rim from mid-May through October 15. Reservations are strongly recommended. Additional facilities are available in the surrounding Kaibab National Forest, the Kaibab Lodge area, and Jacob Lake.

A separate **GUIDE** issue is published for the North Rim and includes details about facilities and services as well as program and hiking information. Inquire at Canyon View Center on the South Rim.

DESERT VIEW SERVICES

Chevron Service Station	Closed for the season
Desert View Marketplace	8:30 a.m.-5:30 p.m.
Information Center and GCA Bookstore	9 a.m.-5 p.m. as staffing permits
Trading Post Snack Bar	9 a.m.-4 p.m.
Trading Post Gift Shop	9 a.m.-5 p.m.
Watchtower Gift Shop	9 a.m.-5 p.m.
Watchtower Stairs	9 a.m.-4:30 p.m.

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Pam Frazier, COO/Publications Manager

Charles B. Wahler, NPS Writer/Editor

Faith Marcovecchio, GCA Project Editor

Raquel Gallardo, NPS Editorial Assistant

Dena Dierker, Graphic Designer



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