Grand Canyon

National Park Service
U.S. Department of the Interior
Grand Canyon National Park
Arizona





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Grand Canyon is a land of superlatives—endless awe-inspiring views, a shadow-filled canyon punctuated with countless spires, rock layers that reveal Earth's history over an unimaginable span of time. The changing seasons provide many opportunities to experience the wonders of Grand Canyon National Park.

A few suggestions may make your visit more rewarding. The information in this publication will answer many of your questions about the South Rim. Stop by the Visitor Center at Canyon View Information Center and talk with a ranger. Plan your schedule so you can participate in a ranger-led activity. The displays at Yavapai Observation Station explain the geologic story of the canyon. Park your vehicle and ride the free shuttles. Not only do you save gas, but also the shuttle drivers never get lost. Watch a sunrise or sunset. Walk out at night to enjoy the star-filled sky or the moon-lit canyon. Pause at a viewpoint and listen to other visitors exclaiming about the canyon in many languages.

Today's Grand Canyon is a gift from past generations. We bear the responsibility to ensure that future generations have the opportunity to form their own connections to Grand Canyon National Park.

Where's the Visitor Center?

The Visitor Center is just south of Mather Point,

but you cannot drive to the Visitor Center. Canyon View Information Plaza, including the Visitor Center, was designed as the terminus for a mass-transit system that is not yet in operation. To get to the Visitor Center:

- Park Your Vehicle
 Parking lots are shown on the map on pages 8-9.
- Ride the Free Shuttle Buses

Shuttle bus routes are shown on the map on pages 8–9.

or

Park at Mather Point

Walls the 200 yeards (275 meters)

Walk the 300 yards (275 meters) to the Visitor Center. Accessibility shuttle available.



Ride the Free Shuttle Buses



To make your stay at Grand Canyon National Park less hectic and to reduce traffic congestion, use the free shuttle buses. The shuttles operate from before sunrise to after sunset and come by frequently. Most shuttle buses use alternative fuels. The shuttle route to Hermits Rest is not operating because of the road construction. The article on page 7 and the maps on pages 8 - 9 provide additional details.

Thinking about hiking?



Successful hikers:

- Read and follow the suggestions and regulations on pages 12–13.
- Plan their hike before they start and go prepared.
- Hike during the cooler, shadier times of the day.
- Go slowly, rest often, and stay cool.
- Eat salty foods and drink water or sports drinks.



Grand Canyon Village Map on pages 8–9

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What Time Is It?

Most of Arizona, including Grand Canyon National Park, remains on Mountain Standard Time year-round. Until November 1, Arizona is on the same time as California and Nevada. Beginning November 2, Arizona is on the same time as Colorado, New Mexico, and Utah.

Emergency • 911

24 hours-a-day dial 911 from any phone, 9-911 from hotel phones.

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

Ranger Programs The National Park Service invites you to enjoy the following free programs. We hope that learning about Grand Canyon and its resources will lead to a greater

Grand Canyon Village				
Activity	Location	Time	Duration	Frequency
Cedar Ridge Hike 🗾	This program e	ends Octob	er 31	
With a ranger, descend 1,140 feet (347m) below the rim on the unpaved South Kaibab Trail to Cedar Ridge. This strenuous 3-mile (5 km) round-trip hike is not recommended for people with heart or respiratory problems or difficulty walking. Participants should wear sturdy footwear and bring 1-2 quarts (1-2 liters) of water per person. Hat, sunscreen, and snacks strongly recommended. Hikers cannot drive to the trailhead. Ride the free Village Route shuttle bus to Canyon View Information Plaza and hop on the Kaibab Trail Route shuttle bus by 7:40 a.m. Allow 45 minutes for total travel time. <i>No hike September 24. Last hike is October 31</i> .	South Kaibab Trailhead	8:00 a.m.	3–4 hours	Daily
Fossil Walk: Remnant Impressions 2 h	This program e	ends Octob	er 31	
Walk among brachiopods, sponges, and other marine creatures that thrived on this part of the continent 270 million years ago, before the age of the dinosaurs. This easy 1/2-mile (0.8 km) one-way walk explores an exposed fossil bed along the rim. Parking may be limited; consider parking in Lots C, D, or E or riding the free Village Route shuttle to the Bright Angel Lodge stop. <i>No walk September 24. Last walk given October 31</i> .	Patio on the rim side of Bright Angel Lodge	9:00 a.m.	1 hour	Daily
Introduction to Grand Canyon's Geology 🗟 🏗				
Why is the Grand Canyon so deep, wide, and grand? Why does it exist only here in the world? Come and participate in this fascinating talk to learn how Grand Canyon was formed. Plan sufficient time to arrive at the Visitor Center by the free Village Route shuttle bus.	Visitor Center at Canyon View Information Plaza	9:30 a.m.	30–45 min.	Daily
Colorado River Talk 🗟 🗷 🏗				
Enjoy the grandeur and power of the Colorado River as you explore and discuss the river's role in Grand Canyon. Program may include a short walk on a paved path. Parking may be limited; plan to arrive by the Village Route shuttle bus to the Yavapai Observation Station stop.	Bicycle rack outside Yavapai Observation Station	10:00 a.m.	30–45 min.	Daily
Raptors in Flight 🗟 🗾	This program e	ends Octob	er 31	
Observe the fall hawk migration over Grand Canyon with a representative from HawkWatch International. Learn to identify raptors in flight and find out more about why and how these birds migrate. Consider staying afterward to sharpen your identification skills. Binoculars are recommended. Yaki Point is closed to private vehicles. To arrive on time, ride the Village Route shuttle bus to Canyon View Information Center and board the Kaibab Trail Route shuttle bus by 9:50 a.m. for the morning program or 2:05 p.m. for the afternoon program. <i>The last talks take place on October 31</i> .	Yaki Point shuttle-bus stop	10:15 a.m. 2:30 p.m.	30 min.	Sun. Mon. Wed. Fri.
The Human Story 🖲 📝 🕅	This program be	gins Nover	nber 1	
For thousands of years, humans have been part of Grand Canyon. Join park staff outside of El Tovar Hotel to look at the history of the South Rim area. Parking may be limited; consider parking at Lots C or D or riding the free Village Route shuttle bus to the Train Depot stop. <i>Program presented in November only</i> .	Flagpole on the rim outside El Tovar Hotel	10:30 a.m.	30–45 min.	Daily
Geology at the Canyon: Read the Rocks 🔠 🗾	This program e	ends Octob	er 31	
There is only one Grand Canyon. How did it come to be? Walk with a ranger along the rim and learn how to read the Earth's history in the rocks of the canyon. This program may involve a leisurely 1-mile (1.6 km) walk on a paved trail. Parking may be limited; plan to arrive by the free Village Route shuttle bus to the Yavapai Observation Station stop. <i>No program September 24. Last walk conducted October 31.</i>	Bicycle rack outside Yavapai Observation Station	1:00 p.m.	1 hour	Daily
Kolb Studio: Images of the Past (by registration only)	This program be	gins Nover	nber 1	
Kolb Studio, built in 1904, spills five levels down the canyon wall. The Kolb brothers played an integral role in the early years of development at Grand Canyon. From the studio they photographed countless visitors as they began their mule trips. Join a ranger for a closer look at Kolb Studio and the fascinating time in which the Kolb family lived here. Limited to 12 participants. Register at Kolb Studio for the tour prior to that day's program or by calling 638-2771. <i>First tours presented November 1</i> .	Kolb Studio	1:00 p.m.	30–45 min.	Daily
Rim Walk & 1 h				
Grand Canyon is a colorful landscape with a rich history. Enjoy an intriguing walk with a park ranger exploring the canyon's natural and cultural history. This is an easy 1/2-mile (0.8-km) walk on a paved trail. Parking may be limited; consider parking at Lots C or D or riding the free Village Route shuttle bus to the Train Depot stop. <i>No walk September 24</i> .	Flagpole on the rim outside El Tovar Hotel	2:00 p.m.	45 min.	Daily

appreciation of your national park. Several of these programs require riding the free shuttle bus to get to the meeting location. Plan sufficient time to arrive before the start of the program. Some programs are cancelled September 24 to allow rangers to attend training.

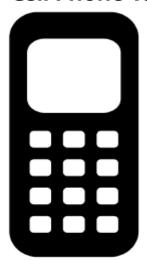
Grand Canyon Village, continued	Location	Time	Duration	Frequenc
Condor Talk: Wings over the Canyon 📝 🏗	This program e	nds Octobe	r 31	
What highly endangered bird with a 9-foot wingspan can you frequently see at Grand Canyon? The California condor! Learn about these majestic birds and their reintroduction in northern Arizona in a talk on the canyon's rim. Parking may be limited; consider parking at Lots C or D or riding the free Village Route shuttle bus to the Bright Angel Lodge stop. No talk September 24. Last talk given October 31.	In front of Lookout Studio near Bright Angel Lodge (Climbing stairs may be involved in getting to the program site)	3:00 p.m.	30–45 min.	Daily
A Geo-Glimpse 🗟 🏗				
Enjoy the geology exhibits at Yavapai Observation Station and explore a selected aspect of the canyon's geology during his short talk.	Inside Yavapai Observation Station	3:30 p.m.	20 min.	Daily
Ranger's Choice 🗟 🕅				
Explore the world of Grand Canyon during this in-depth special program. Topics change daily; check at the Visitor Center for the day's subject. Possible programs include nature walks, Native American culture, or pioneer history. Plan ufficient time to arrive at the Visitor Center by the free Village Route shuttle bus.	Visitor Center at Canyon View Information Plaza	3:30 p.m.	30 min.	Daily
Nature Walk 📝 🕅				
Learn more about the complexity and diversity of nature with a short hike along the rim. Topics vary and may include nimals and plants adapting to changing seasons, human impact on nature, how nature inspires writers and poets, rare nd endangered species, or Native American's use of plants and animals. Parking may be limited; plan to arrive by the ree Village Route shuttle bus to the Yavapai Observation Station stop. <i>No program September 24</i> .	Bicycle rack outside Yavapai Observation Station	4:00 p.m.	45–60 min.	Daily
Evening Program 🕒 🗷 🏗				
The perfect way to end your day at the Grand Canyon! Relax beneath the stars and enjoy a ranger presentation on a ignificant aspect of the canyon's fascinating natural or cultural history. For this evening's topic check the schedules josted around the park. Dress warmly and bring a flashlight for this outdoor presentation. Accessibility note: Although the trails to the amphitheater are paved, short sections exceed 5% grade. Program moves inside to the Shrine of the Ages uditorium beginning September 28. The evening program may move to Shrine of the Ages at an earlier date, if the weather turns cold.	Mather Amphitheater, behind Park Headquarters off the Rim Trail from Parking Lot A (through September 27) Shrine of the Ages Auditorium (beginning September 28)	7:30 p.m.	1 hour	Daily
Special Programs				
Additional Special Programs				
Additional walks and talks, including Moon Walks and Star Talks, are scheduled when staffing allows. Watch for or organ announcements posted at the Visitor Center at Canyon View Information Plaza, along the rim near El Tovar Hotel or the Bright Angel Lodge patio, or at Yavapai Observation Station.				
con Information	2 1			
Lightning icon: All outdoor programs are subject to cancellation in inclement weather or when lightning danger is present.		4		
Wheelchair icon: These programs are wheelchair accessible with assistance. Wheelchairs are available for loan at the Visitor Center at Canyon View Information Plaza. For programs meeting at the Visitor Center, handicap access is by wheelchair or accessible shuttle from Mather Point parking lot.				
Kid-friendly icon: These family-oriented programs are ideal for meeting the ranger program requirement for the Grand Canyon's Junior Ranger badge and certification. Any ranger program, however, may serve the requirement on page 2 of the Junior Ranger Activity Booklet. Children must be accompanied by an adult on all programs.		M		

Ranger Programs

Desert View and Tusayan Museum (see page 3 for icon information)

Activity	Location	Time	Duration	Frequency
				rrequericy
Cultural Connections 🗟 🗹	This program er	nds Septemk 	per 27	
The record of human experience at the Grand Canyon spans the last 12,000 years. Bring your imagination and explore stories of people, past and present. <i>This program ends September 27</i> .	Tusayan Museum 3 miles (4.8 km) west of Desert View	10:00 a.m.	20 min.	Daily
Raptors in Flight 🔠 🗾	This program e	ends Octobe	er 30	
Observe the fall hawk migration over Grand Canyon with a representative from HawkWatch International. Learn to	Lipan Point	10:15 a.m.	30 min.	Tues.
identify raptors in flight and find out more about why and how these birds migrate. Consider staying afterward to sharpen your identification skills. Binoculars are recommended. <i>Last talks given October 30</i> .		2:30 p.m.	30 min.	Thurs. Sat.
Glimpses of the Past 🗟 🗾				
Have you ever wondered how 800 years ago people found food, water, and shelter? Can you envision a thriving commu-	Tusayan Museum 3 miles	11:00 a.m.	30–45 min.	. Daily
nity in this harsh and demanding environment? Join a ranger to explore the remains of an ancestral Puebloan village. This entails a journey on a 0.1-mile (0.2-km) flat, paved trail.	(4.8 km) west of Desert View	1:30 p.m.	30–45 min.	. Daily
Grand Canyon: A Crown Jewel 🗾	This program er	nds Septemk	per 27	
Join a ranger to explore one of the amazing facets of the natural or cultural history of one of America's greatest national parks. <i>Last talk given September 27</i> .	Desert View Point near the Watchtower	3:00 p.m.	30 min.	Daily
Inside the Canyon You must hike or ride the mules to these locations.				
Indian Garden 🗹	These programs	end Novem	ber 30	
Rangers present evening programs at the amphitheater just south of the Indian Garden Campground. Check the bulletin board in the campground for times and topics. Rangers also post information on additional programs as scheduling permits. <i>Last programs are offered November 30</i> .	Indian Garden on the Bright Angel Trail	As posted	Varies	Thurs. thru Sun.
Phantom Ranch 🗾	These programs	end Novem	ber 30	
Rangers present programs daily at Phantom Ranch, reachable only by hiking or riding the mules to the bottom of the	Phantom Ranch	4:30 p.m.	45 min.	Daily
canyon. Talks cover a wide range of natural and cultural history topics. Upon arrival, check the Bright Angel Campground bulletin board or the Phantom Ranch Canteen for program locations and subjects. <i>Last programs presented on November 30</i> .		7:30 p.m.	45 min.	Daily

Cell Phone Tour



Your cell phone provides another way to learn more about Grand Canyon National Park. You can listen to a narration over your cell phone at numerous points of interest on the South Rim between Maricopa Point on the west and Yaki Point on the east.

Wherever you see one of the cell phone tour signs, dial (928) 225-2907 and enter the indicated stop number. You will hear an interpretive ranger give a two-minute synopsis on various aspects of the canyon from geology to Native American history to the night sky.

There is no additional charge to listen to these messages. Please be aware that cell phone coverage can be spotty and not all providers offer service in the park.

Artist in Residence Program

Few places have inspired as much wonder as the Grand Canyon, a world-renowned symbol of the American dreams of exploration and endless possibilities. The unique chance to live and work in this unparalleled setting benefits both the selected professional artist and those who will enjoy their works. The Artist-in-Residence Program aims to share the beauty and history of Grand Canyon National Park with other visitors.

The Artist-in Residence Program offers professional artists (writers, composers, visual and performing artists) the opportunity to spend three weeks on the South Rim of Grand Canyon. Fall and winter on the South Rim feature fewer visitors, changing seasons, abundant wildlife, and a landscape accented with snow. This area offers unparalleled opportunities for inspiration and unspoiled solitude for artists.

The National Park Service supplies a residence within the park for a



three week period in November 2008, or January or February 2009. The NPS also provides a \$75.00 per week meal reimbursement.

In exchange for the adventure of living and working in a national park, the resident artist has the opportunity to create works that generate understanding and dialogue about the need to preserve this national treasure. While here, the selected artist shares his or her inspiration, motiva-

tion, and techniques in programs with park visitors. Upon completion of the residency, the artist donates a work representative of the park.

If you are interested in the Artist in Residence program, stop by the Visitor Center at Canyon View Information Plaza and ask for a brochure with application or visit our website www.nps.gov/grca/supportyourpark/air.htm. Submit applications by September 15.

Special Programs

Celebrate Wildlife Day: November 1



Wildlife Day honors biologist Eric York, who died as a consequence of his work with Grand Canyon mountain lions.

The National Park Service wishes to share the wonders of Grand Canyon wildlife and the world of wildlife biology, while honoring the life of wildlife biologist Eric York.

Staff from the National Park Service, Grand Canyon Association, and Arizona Game and Fish Department will host an open house at The Shrine of the Ages near parking lot A Saturday, November 1 starting at 10:00 a.m. Displays will highlight canyon wildlife and current research projects and will include live animals and fun activities. Rangers will offer indoor and outdoor programs. Check at the Visitor Center at Canyon View Information Plaza, park headquarters, or the Shrine of the Ages for a schedule of events. For additional information:

www.nps.gov/grca/naturescience/wildlife-day.htm.

At 7:30 p.m., Kevin Hansen, wildlife biologist and author of *Bobcat-Master of Survival* and *Cougar: The American Lion* will present an illustrated evening program at the Shrine of the Ages.

Grand Canyon Music Festival



Grand Canyon Music Festival presents its Silver Anniversary 25th season September 5–21 with weekend and mid-week concerts at the Shrine of the Ages. The Festival also presents the eighth season of its *Native American Composer Apprentice Project* (NACAP), with music education programs at Navajo and Hopi Reservation schools, and the second season of School of Rock for students at Grand Canyon Unified Schools.

September 5 and 6: Ethel incorporates rock, blues, classical, jazz and other popular genres to create a sound that defies categorization.

September 12 and 13: Joel Fan will be joined by the Enso String Quartet.

September 14: Ethel returns to present NACAP student work at Grand Canyon Unified School.

September 17 and 21: The Bonfiglio Group (Robert Bonfiglio, Joe Deninzon, and Chris Milletari) perform new works drawing on jazz, rock, blues, folk, and classical music.

September 19 and 20: Soprano Amy Burton makes her Grand Canyon debut in two works by John Corigliano. Violinist Maria Bachmann and pianists Kamal Khan and Jon Klibonoff round out the program, performing more works by John Corigliano.

For programming notes and ticketing information, please visit the music festival's website at www.grandcanyonmusicfest.org or call (800) 997-8285.

Historic Kolb Studio Art Exhibits Ending October 19: It Saved My Life—The CCC at Grand Canyon

Seventy-five years ago at FDR's urging Congress created the Civilian Conservation Corps. It was to become one of the most popular and successful of his New Deal programs. Thousands of young men came to the Grand Canyon to build trails and infrastructure for the benefit of visitors, and to work on conservation projects for the benefit of the land. This exhibit celebrates these boys and their work, much of which is still enjoyed by visitors today.

Beginning November 7: Mapping the Grand Canyon

Cartographers have attempted to map the complex features of the Grand Canyon for more than 150 years. Over time their equipment and techniques have changed dramatically, enabling them to capture fine details and diverse information. See the wide range of maps being used today for recreation, scientific inquiry, and land management. They are as beautiful as they are informative.

Fall Hawk Migration Over Grand Canyon

HawkWatch International

Representatives of HawkWatch International will be recording the fall hawk migration at Lipan and Yaki Points on Desert View Drive east of Grand Canyon Village daily from 10:00 a.m. to 4:00 p.m. through October 31. Visitors are welcome to join in the count or to learn to identify migrating hawks, falcons, and eagles. However, be aware that if staffing is low or bird numbers high, the HawkWatch researchers may not be able to work with you.

To join the experts, ride the Kaibab Trail shuttle bus to Yaki Point or park at Lipan Point. At either location walk a short distance to the southwest (left) along the rim. In addition to these informal contacts, take part in the *Raptors in Flight* talks listed with the ranger programs on pages 2 and 4.

Environmental Education: Class Field Trips and Teacher Workshops



The Environmental Education staff invites teachers and students to benefit from our free educational resources. We offer nine different ranger-led field trip programs on geology, ecology, and history taught in the field at Grand Canyon. These curriculum-based programs are designed for grades K–7 and address Arizona academic standards. We also offer distance learning via video-conferencing for schools unable to come to the park. Rangers may be available for in-class presentations either as pre-visit preparation or for classes not coming to the park.

Advanced reservations are required for these popular programs.

Several times during the year, the National Park Service presents free teacher workshops at the canyon. The workshops cover pre- and post-visit activities, as well as a walkthrough of the activities given in the national park.

For more information, or to make reservations for field

trips, in-classroom ranger programs, or teacher workshops call (928) 638-7662 or visit www.nps.gov/grca/forteachers/index.htm.

Grand Canyon Semester—Fall 2009



Northern Arizona University, in cooperation with Grand Canyon National Park and the Museum of Northern Arizona, offers an unforgettable undergraduate learning experience. On backcountry field trips, in traditional classroom settings, around campfires, and floating down the Colorado River through Grand Canyon, students confront current issues of the American West. Earn 18 semester credit hours while immersing yourself in experiential learning that could change your life. For more information visit www.grandcanyonsemester.nau.edu

Enjoying Grand Canyon

Information Centers (Passport Stamp cancellation stations are also available at these locations)



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 and shop in the bookstore. Kolb Studio is located in the Village Historic District, at the Bright Angel Trailhead. Open daily 8:00 a.m. to 7:00 p.m. through Oct. 15. Beginning Oct. 16, open daily 8:00 a.m. to 6:00 p.m. See page 2 for tours of Kolb Studio and page 5 for art exhibits displayed here.



Canyon View Information Plaza

The Visitor Center and bookstore at Canvon View Information Plaza is reachable only by free shuttle bus, a one-mile (1.6-km) walk or bicycle ride from Market Plaza on the Greenway Trail, or a short walk from Mather Point. The Visitor Center is open daily 8:00 a.m. to 5:00 p.m. The bookstore is open daily 8:00 a.m. to 7:00 p.m. through Oct. 15, and beginning Oct. 16 is open daily 8:00 a.m. to 6:00 p.m. Outdoor exhibits may be viewed at any time.



Yavapai Observation Station

How old is the canyon? How did it form? The exhibits at Yavapai Observation Station answer these and other geology questions. The historic building, located one mile (1.6 km) east of Market Plaza, features expansive canyon views. The bookstore offers a variety of materials about the area. Open daily 8:00 a.m. to 7:00 p.m. through Oct. 15. Beginning Oct. 16: 8:00 a.m. to 6:00 p.m. See pages 2-3 for ranger programs beginning here.



Tusayan Museum

A visit to Tusayan Ruin and Museum provides a look into the lives of a thriving community as illustrated by its pottery, seashell bracelets, corncobs, and arrowheads. See 2,000-4,000-year-old original splittwig figurines. Art from today's tribes provides a glimpse into their rich cultures. The museum, open daily 9:00 a.m. to 5:00 p.m., is located three miles (5 km) west of Desert View. Free admission.



Desert View Bookstore and Park Information

The Desert View Bookstore and Park Information Center, located at Desert View Point near the park's east entrance, offers an excellent selection of publications, and park information. Open daily 9:00 a.m. to 5:00 p.m. See page 4 for information on programs originating here.

Superintendent's Greeting



For many, the expansive views, colorful buttes, and hidden depths of the canyon stand as an icon of the American West and the national park system. Take time to watch the play of light and shadows across the canyon. Wander along a trail and feel the sunshine and wind on your face. Attend a ranger program. Follow the antics of ravens and condors soaring above the rim. Savor a sunrise or sunset.

This fall we look forward to the completion of the Hermit Road reconstruction project. Since last spring the contractor has been repaving the roadway, improving the pullouts and shuttle bus stops, and developing a new segment of the hiking and bicycling Greenway Trail. At the same time National Park Service crews have been working on the Rim Trail. We anticipate reopening the Hermit Road to all traffic in November. Check at the Visitor Center or with a ranger for a specific date.

President Theodore Roosevelt stood on the South Rim more than 100 years ago and implored the assembled crowd to "Keep this great wonder of nature as it now is . . . Keep it for your children and your children's children and for all who come after you, as one of the great sights which every American, if he can travel at all, should see." Today we welcome travelers from all around the world to this great wonder, but it is still our responsibility to preserve Grand Canyon for future generations.

Steve Martin—Superintendent, Grand Canyon National Park

Personalize Your Grand Canyon Experience

Individual interests, available time, and the weather can all influence a visit. The following list of activities is provided to assist you in personalizing your Grand Canyon experience. To locate places mentioned below, refer to the maps on pages 8-9 and 16. An Accessibility Guide for visitors with limited mobility is also available at the Visitor Center at Canyon View Information Plaza.

Activity

Attend Free Ranger Programs

• Listed on pages 2–4

Option

Junior Ranger program described on page 7

Construction on Hermit Road

- Road closed for repaving
- Project scheduled for completion in November
- All vehicles can drive on road when reopened
- Check at the Visitor Center for opening dates

Visit Scenic Desert View Drive 25 miles (40 km) one-way

- Tour by private vehicle or commercial bus
- · Views of river at Moran Point, Lipan Point, Desert View
- May exit the park to the east Cameron and Highway 89

Visit an Information Center or a Museum

- The park offers a variety of museums and visitor centers that house exhibits and provide park information
- See above for more information

Hiking

Walk Part of the Rim Trail

- See map pages 8–9; 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 (8:00 a.m.-noon and 1:00-5:00 p.m.)

Enjoying Grand Canyon

Interagency Annual Pass

If you are a frequent visitor to National Park Service or other federal agency sites that charge entrance fees, you may be interested in the *America the Beautiful - National Parks and Federal Recreation Lands Pass*.

The \$80.00 pass is valid for one year from the time of first use. Five federal agencies—National Park Service, Bureau of Land Management, Bureau

of Reclamation, U.S. Fish and Wildlife Service, and U.S. Forest Service—participate in the pass.

The program also offers a lifetime senior pass (\$10.00) for U.S. citizens 62 or over and a free access pass for citizens with permanent disabilities. Those who already have a Golden Age or Golden Access pass do not need to obtain the new passes.

The *America the Beautiful* pass may be purchased at park entrance stations, Grand Canyon Association bookstores, or online at www.recreation.gov. The senior and access passes are available only at the entrance stations.

Would you like to be a Junior Ranger?

Grand Canyon National Park offers a Junior Ranger program for children ages 4 years and older.



To take part in the program, pick up a Junior Ranger booklet at the Visitor Center at Canyon View Information Plaza or Tusayan Museum information desk and complete the activities listed for the appropriate age level.

Once completed (don't forget attendance at one or more ranger programs) bring the booklet back to the Visitor Center at Canyon View Information Plaza or Tusayan Museum to receive an official Junior Ranger certificate and badge.

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

Fall is the 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 (450 kg), 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.

Sunrise Sunset

Date	Sunrise	Sunset
Sept. 2	6:01 a.m.	6:54 p.m.
Sept. 7	6:05 a.m.	6:47 p.m.
Sept. 14	6:11 a.m.	6:36 p.m.
Sept. 21	6:16 a.m.	6:26 p.m.
Sept. 28	6:22 a.m.	6:16 p.m.
Oct. 5	6:27 a.m.	6:06 p.m.
Oct. 12	6:33 a.m.	5:55 p.m.
Oct. 19	6:39 a.m.	5:47 p.m.
Oct. 26	6:46 a.m.	5:38 p.m.
Nov. 2	6:53 a.m.	5:31 p.m.
Nov. 9	7:00 a.m.	5:25 p.m.
Nov. 16	7:07 a.m.	5:20 p.m.
Nov.23	7:14 a.m.	5:16 p.m.
Nov. 30	7:20 a.m.	5:14 p.m.

Moon Phases

New Moon	Full Moon	Moon Rises
Sept. 29		
	Sept. 14	6:11 p.m.
Oct. 28		
	Oct. 14	5:36 p.m.
Nov. 27		
	Nov. 12	5:45 p.m.

All times are Mountain Standard Time.



Pets Must Be Leashed at All Times

Leashed pets are allowed on rim trails throughout the developed areas of 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. Kennels are available. Telephone: (928) 638-0534.

The Canyon's Best Bargain: The Free Shuttle Bus System



For more than 30 years the National Park Service has provided a free shuttle bus system on the South Rim. Visitors and residents have made 85,000,000 boardings. Many of the buses use compressed or liquefied natural gas, a much cleaner burning fuel. Some of the buses have provisions for improved accessibility. Riding the shuttles makes your stay more enjoyable, while reducing pollution and decreasing traffic congestion.

How do I use the free shuttle buses?

The map on pages 8-9 is the key. The map shows routes, stops, operating times, and route lengths. Park your vehicle in one of the parking areas, proceed to the nearest bus stop, and board the next bus. It is that simple. The buses come by every 10–20 minutes. There are no tickets to obtain, and you are free to get on and off at any stop. The routes are designed so you can ride to a stop, enjoy the view, shop at a gift store, or walk along the rim and then hop on a later shuttle.

Where do the shuttles go?

There are three shuttle routes. They do not overlap, although they interconnect. Buses are identified with a colored square near the boarding door.

Hermits Rest Route (red) Not in operation due to road construction.

Village Route (blue) This loop connects the visitor center, lodging, restaurants, gift shops, and campgrounds. It may be the best way to get to many of the ranger programs.

Kaibab Trail Route (green) Leave from Canyon View Information Plaza and go to the South Kaibab Trailhead and viewpoints along the rim.

See pages 8–9 for a map with routes, stops, and times.

Grand Canyon Audio Ranger: Your Personal Tour Guide to the South Rim



The Grand Canyon Audio Ranger, your personal tour guide to the South Rim, is now available in the park on reloadable MP3 flash-drive players. The park's geology, human history, wildlife and natural history come alive in the 117 minutes of narration, music, and comments from National Park Service rangers and historical figures, making for an enjoyable walk in the park. You can listen to the stops in order, or pick your favorites and play only those. Stop in at any of the GCA bookstores/information centers listed above to find out more about the Grand Canyon Audio Ranger.

Park Science

There's Only One Grand Canyon

Basic Answers to Your Geologic Questions

How old?

The rocks exposed within Grand Canyon range from the fairly young to the fairly old (geologically speaking). Kaibab limestone, the caprock on the rims of the canyon, formed 270 million years ago. The oldest rocks within the Inner Gorge at the bottom of Grand Canyon date to 1,840 million years ago. For comparison geologists currently set the age of Earth at 4,550 million years.

How new?

While the rocks are ancient, the canyon is young. Geologists generally agree that canyon carving occurred over the last 5–6 million years—a geologic blink of the eye.

Why here?

Beginning about 70 million years ago, heat and pressure generated by two colliding tectonic plates induced mountain building in western North America. An area known as the Colorado Plateau was raised more than 10,000 feet (3,000 m), but was spared most of the deformation and alteration associated with the uplifting of strata. This high plateau, so critical to Grand Canyon's story, is a geological puzzle that researchers still seek to understand.

Why deep?

Without the Colorado River, a perennial river in a desert environment, Grand Canyon would not exist. Water draining off the western slopes of the southern Rocky Mountains carried sand and gravel, cutting down through the layers of rock. Without the uplift of the Colorado Plateau, there would not have been the thousands of feet of topography to sculpt. From Yavapai Point on the South Rim to the Colorado River is a change of 4,600 feet (1,400 m), yet the river still flows 2,450 feet (750 m) above sea level.

Why wide?

The width results from the rock layers collapsing around the river and its tributaries combined with the "headward erosion" of these side streams. Softer, weaker layers erode faster, undermining the harder, stronger layers above them. Without adequate support, the cliffs collapse. The relentless river carries this eroded material to the Gulf of California. Much of what is now southeastern California and southwestern Arizona is covered with material eroded from Grand Canyon.

Over its 277 river miles (446 km), the jagged Grand Canyon varies in width. Along the South Rim, it ranges between 8 and 16 miles (13–26 km) depending upon where you choose to measure.

Why Grand?

Often described as Earth's greatest geological showcase, the ensemble of stunning dimensions—the melding of depth, width, and length—sets Grand Canyon apart. Nowhere else features such a dazzling variety of colorful rock layers, impressive buttes, and shadowed side canyons. Grand Canyon is the canyon against which all other canyons are compared.

Illustration:

1. Kaibab Formation	270 million years
2. Toroweap Formation	273 million years
3. Coconino Sandstone	275 million years
4. Hermit Formation	280 million years
5. Supai Group	315–285 million years
6. Redwall Limestone	340 million years
7. Temple Butte Formation	
8. Muav Limestone	505 million years
9. Bright Angel Shale	515 million years
10. Tapeats Sandstone	525 million years
11. Grand Canyon Supergroup	.1,200 million-740 million years
12. Vishnu basement rocks	1,840-1,680 million years

Want to know more?

The geologic story is rich in detail and mystery. Attending a free ranger program may move you from wonder to comprehension. Programs are described on pages 2–4.

Grand Canyon Association bookstores offer many geology related titles. Bookstore hours and locations are listed on page 6. To learn more about geology at Grand Canyon, take a look at:

- Yardstick of Geologic Time, Allyson Mathis
- Introduction to Grand Canyon Geology, Greer Price
- Carving Grand Canyon, Wayne Ranney
- Grand Canyon: Solving Earth's Grandest Puzzle, James Powell

Park News

The Hermit Road Project: Your Fees at Work



Hermit Road is receiving a new look. The Santa Fe Railroad constructed Hermit Road as a wagon road in the early 1910s. The last improvements on the road took place in the 1930s. The size and number of vehicles using the road increased over the years. The narrow road and deteriorating asphalt

demanded new construction.
Repaving of the road and improvements to overlooks and the Rim Trail began in March. When construction crews finish the project in November, the road will be a constant, wider width, pullouts will be improved, the Rim Trail will be well defined, and a

new portion of the multipurpose Greenway Trail will allow hikers, bicyclists, and visitors with wheelchairs to explore a portion of the rim away from the road.

During the fall of 2007 prior to construction, Grand Canyon National Park's Vegetation Program staff, with the help of hundreds of volunteers, salvaged thousands of plants and collected seed from the Hermit Road project area. Throughout the fall of 2008, the Vegetation Program staff and volunteers will be replanting 15,000 to 20,000 plants in disturbed areas along the road to restore native vegetation. Roadsides will also be seeded with the native seed collected in the project area. The Vegetation Program staff will provide care for the newly restored areas until the vegetation becomes fully established in approximately three years.

You have a chance to be involved too. The Vegetation Program is looking for

willing volunteers year-round for the Hermit Road Project, as well as our other in-park projects. You can find available project dates, contacts, and project information at: www.gcvolunteers.org and www.volunteer.gov./gov.

The contractor should complete construction on Hermit Road by
November. At that time the road
opens to all visitor traffic. Check at the
Visitor Center or with a ranger for the
actual opening date. Shuttle bus
service on the Hermit Road Route will
resume on March 1, 2009. Closure of
Hermits Road prevents use of the
Hermit Trail. If you have a backpacking permit for the Hermit Trail,
talk to the rangers at the Backcountry
Information Center concerning access
to the trail.

Other Projects

As you drove through either the East or South Entrances, you may have noticed improvements to the facilities.

The elaborate rockwork at the East Entrance Station catches your eye. The South Entrance added lanes. The National Park Service hopes these improvements provide better entry to the park.

Shuttle Buses

New shuttle buses replaced some of the older ones, including all the dieselfueled buses. All shuttles now use compressed natural gas, a much cleaner burning fuel.

The National Park Service thanks you for your support. If you plan to visit other park service areas, you may want to purchase the *America the Beautiful-National Parks and Federal Recreational Lands Pass*, which provides entrance to all sites that have entrance fees. You can apply your current Grand Canyon National Park entrance permit towards the Interagency Pass.

Condor Country

We often hear about another plant or animal threatened with extinction. Lost in these stories are some of the successes that have occurred over the last few years—the reintroduction of wolves in the northern Rocky Mountains, the increase in the North American population of whooping cranes, and the reestablishment of black-footed ferret colonies in the western United States. The National Park Service at Grand Canyon National Park participates in a reintroduction program for the California condor with encouraging results.

Fossils found in canyon caves indicate that condors have lived in this area for the last 50,000 years. These scavengers survived on the carcasses of the large mammals that roamed throughout North America during the last Ice Age. With the loss of this food source and a changing climate, condor populations declined. Researchers estimate only a few hundred California condors

existed, mostly along the West Coast, when European explorers arrived five hundred years ago. Shooting, egg and feather collecting, even collisions with power lines further reduced the population. By the 1980s fewer than two dozen condors lived in the wild, all in California.

At that time all California condors were moved into a captive breeding program. Handlers developed techniques to raise condors in captivity. Fortunately the condors cooperated and numbers increased. In 1996 The Peregrine Fund released a group of young condors just north of Grand Canyon in an effort to reestablish an Arizona population. Every year since, additional condors have been released in northern Arizona. Many have chosen to frequent Grand Canyon, especially in the spring and summer, making this one of the easiest places to view California condors.

Today approximately 60 condors soar above Arizona with more than 300 in the world. Condors live 40–60 years and do not begin breeding until six or seven years of age. Experience in the Grand Canyon area shows that young pairs rarely succeed in raising a chick until their second or third attempt. In 2003 one pair hatched their single egg and raised the young to fledging, the first condor to hatch and fledge in the wild since 1984 and the first successful nest in Arizona in more than 100 years. Each year since several pairs have nested; some successfully, some not. In 2008 at least six pairs exhibited nesting behavior and two pairs seem to be raising chicks. Fledging does not occur until fall.

Lead poisoning continues to be a problem. Condors are exposed to lead when they ingest bullets or pellets from carcasses. To reduce this lead source, the Arizona Game and Fish Department provides hunters in



northern Arizona with coupons for non-lead ammunition.

How do you measure the success of a reintroduction program? A group of birds feeding and surviving for a decade provides a positive sign. Condors successfully reproducing are

even more encouraging. To learn more, attend the *Condor Talk: Wings over the Canyon* program described on page 2 or read the *Field Notes* on the Peregrine Fund website www.peregrinefund.org.

Before You Go, Remember...

Plan Ahead

As a day hiker, no permits are required. You are entirely on your own. Your descent into the canyon, however brief, marks your entry into a world in which preparation, self-reliance, and common sense are crucial.

Fall Weather Varies

Inner-canyon temperatures can soar past 100° F (38° C) in September. The first snowstorms may come to the South Rim as early as mid-October. Know the weather forecast and dress accordingly.

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 fluid consumption, you run the risk of becoming dangerously debilitated and severely ill. For every hour hiking in the canyon, you should drink 1/2 to 1 quart (0.5 l) of water or sports drinks.

Your best defense against illness and exhaustion is to eat a healthy breakfast, 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.

Watch Your Time

Plan on taking twice as long to hike up as it took to hike down. Allow 1/3 of your time to descend and $\frac{2}{3}$ of your time to ascend.

Mules and hikers

Several encounters between hikers and mules have resulted in injuries to packers and the deaths of some mules. To ensure safety for yourself, other trail users, and mule riders, when encountering mules on the trails:

- Step off the trail on the uphill side away from the edge.
- Follow the directions of the wrangler. Remain completely quiet and stand perfectly still.
- Do not return to the trail until the last mule is 50 feet (15 m) past your position.

Hiking Tips

- **1. Be Prepared:** Know your route. Autumn days are growing shorter. The weather can change dramatically. Carry a map, flashlight, and extra clothing including wind and rain protection.
- **2. Stay Comfortable:** If it is hot, reduce your pace and hike during the cooler parts of the day. Wet your shirt and hat to stay cooler. If it is cold, add layers and do not forget your hat. It is important to stay dry and out of the wind.
- **3. Go Slowly:** 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.
- **4. Rest Often:** Sit down, prop your legs up, and take a ten-minute break at least once every hour.
- **5. Eat and Drink Frequently:** Balance your food and water intake. Salty snacks help replace electrolytes lost through perspiration. No matter what the temperature, you need water and energy to keep going.

Hiking Chart

WARNING: Do not attempt to hike from the rim to the river and back in one day. There are no loop trails for day hikers; you will be hiking on the same trail in both directions. Remember! You are responsible for your own safety and the safety of those in your party.

Trails	Destination	Distance Round-Trip	Time Round-Trip	Elevation Change	Notes
Rim Trail (Easy) Begin from any viewpoint in the village or along Hermit Road. The Rim	Along the Village Rim	Your Choice	15 min.– 1 ¹ /2 hours	200 feet/ 60 m	Paved. Best easy walk. Passes historic buildings.
Trail offers excellent walking for quiet views of the inner canyon and for visitors who desire an easy hike. See the map on pages 8–9.	Along Hermit Road	Your Choice	15 min.– all day	200 feet/ 60 m	Becomes unmarked dirt path west of Maricopa Point.
map on pages 0 7.	Rim Trail clos in November	sed at Trailview	Overlook unti	l Hermit Road	d reopens
Bright Angel Trail (Steep) Trail begins just west of Bright Angel	11/2-Mile	3 mi. / 4.8 km	2–4 hours	1 131 feet/	Restrooms.

Approximate

	Bright Angel Trail (Steep)					
Trail begins just we Lodge. Some shade	Trail begins just west of Bright Angel Lodge. Some shade, seasonal water	11/2-Mile Resthouse	3 mi. / 4.8 km	2–4 hours	1,131 feet/ 345 m	Restrooms. Water May–Sept.
	subject to pipeline breaks; check at the Visitor Center or Backcountry Information Center for status.	3-Mile Resthouse	6 mi. / 9.6 km	4–6 hours	2,112 feet/ 644 m	Water May–Sept.
		Indian Garden	9.2 mi. / 14.8 km	6–9 hours	3,060 feet/ 933 m	Restrooms. Water.
		Plateau Point Plateau Point	12.2 mi. / 19.6 km is extremely str	8–12 hours enuous.	3,195 feet/ 974 m	Water year round. View of river 11/2 mi. (2.5 km) beyond Indian Garden.

South Kaibab Trail (Steep)					
Trail begins south of Yaki Point on Yaki Point Road. Best views for a relatively short hike. Steep trail, no	Ooh Aah Point	1.8 mi. / 2.9 km	1–2 hours	600 feet/ 183 m	No water. First view east.
water, little shade. Access trailhead via shuttle bus. Water available at the	Cedar Ridge Skeleton	3 mi. / 4.8 km	2-4 hours	1,140 feet/ 347 m	Restrooms. No water. First hitching rail.
trailhead until first freeze.	Point	6 mi. / 9.7 km	4–6 hours	2,040 feet/ 622 m	No water. Second hitching rail. First view



Hikers' Express shuttles depart daily and travel directly from the Bright Angel Lodge shuttle bus stop and the Backcountry Information Center to the South Kaibab Trailhead at: September—5:00, 6:00 and 7:00 a.m.; October—6:00, 7:00 and 8:00 a.m.; and November—7:00, 8:00 and 9:00 a.m.

Hermit Trail (Steep)

Unmaintained steep trail requires caution. Begins 500 feet (150 m) west of Hermits Rest. Water from springs must be treated before drinking. For experienced desert hikers. Hiking boots recommended.

Waldron Basin	3 mi. / 4.8 km	2-4 hours	1,600 feet/ 488 m	No water.
Santa Maria Spring	5 mi. / 8 km	5-8 hours	1,760 feet/ 536 m	Treat water.
Dripping Springs	7 mi. / 11.2 km	6–9 hours	1,700 feet/ 519 m	Treat water. Use extra caution along narrow sections.

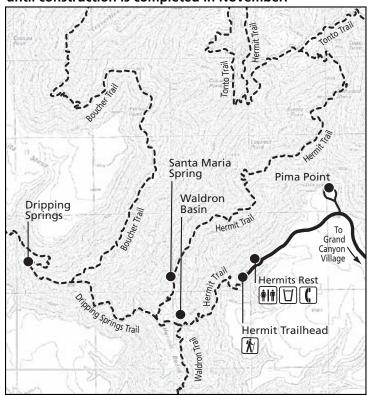
Road to Hermit Trailhead closed until Hermit Road reopens in November.

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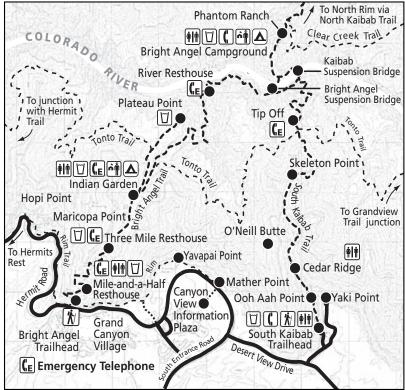
Unmaintained steep trail requires Coconino 2.2 mi. / 3.5 km 1-2 hours 1,190 feet/ No water. Use extra caution. Begins on canyon side of caution along narrow Saddle 360 m retaining wall at Grandview Point on sections Desert View Drive (12 miles [19 km] Horseshoe 2.600 feet/ 6 mi. / 9.7 km 6–9 hours Restrooms. No water. east of village). For experienced desert Use extra caution along 793 m hikers. Hiking boots recommended. narrow sections.

Hiking and Camping Below the Rim

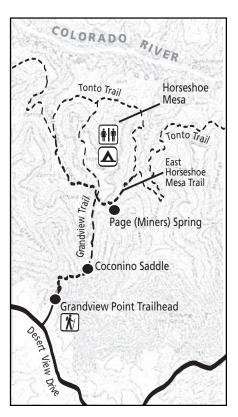
Hermit Trail Road closed to Hermit Trailhead until construction is completed in November.



Corridor TrailsBright Angel Trail and South Kaibab Trail



Grandview Trail



Health Hazards

Moderation is the key to having an enjoyable hike. Hike within your ability, maintain proper body temperature, balance your food and water intake, and rest often. Emergency situations include:

Heat exhaustion. This is the result of dehydration due to intense sweating. Hikers can lose one to two quarts (1–2 liters) of water per hour. Rangers at both Phantom Ranch and Indian Garden treat as many as twenty cases of heat exhaustion a day in summer.

Symptoms: pale face, nausea, cool and moist skin, headache, and cramps

Treatment: drink water, eat highenergy foods, rest in the shade, cool the body.

Heat stroke. This is a life-threatening emergency where the body's heatregulating mechanisms become overwhelmed by a combination of internal heat production and environmental demands. Every year, two to three Grand Canyon hikers experience heat stroke.

Symptoms: flushed face, dry skin, weak and rapid pulse, high body temperature, poor judgment or inability to cope, unconsciousness. Victim is in danger!

Treatment: find shade, cool victim with water, send for help!

Hyponatremia. This is an illness that mimics the early symptoms of heat exhaustion. It is the result of low sodium in the blood caused by drinking too much water, not eating enough salty foods, and losing salt through sweating.

Symptoms: nausea, vomiting, altered mental states, and frequent urination

Treatment: have the victim rest and eat salty foods. If mental alertness decreases, seek immediate help!

Hypothermia. This 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.

Leave No Trace

Leave No Trace is a nonprofit organization dedicated to promoting responsible outdoor recreation through education, research and partnerships. While enjoying your visit, please consider the following principles to minimize your impact and

help protect Grand Canyon for future generations.

- 1. Plan Ahead and Prepare
- 2. Travel and Camp on Durable **Surfaces**
- 3. Dispose of Waste Properly
- 4. Leave What You Find
- 5. Minimize Campfire Impacts No campfires in Grand Canyon National Park backcountry.
- 6. Respect Wildlife
- 7. Be Considerate of Other **Visitors**

For more information visit www.Int.org

Backpacking Permits

Overnight backpacking in Grand Canyon provides a degree of solitude, wildness, and silence that is increasingly difficult to find. A backcountry permit is required for all overnight backpacking, except for guests of Phantom Ranch. The majority of permits are reserved up to four months in advance. A fee of \$10 per permit plus \$5 per person per night is collected. The permit program helps to limit impacts to the natural resource while providing a greater degree of solitude for hikers.

Individuals arriving at the park without a permit may be able to obtain

one through a daily waiting list. Inquire early in the morning at the Backcountry Information Center, open daily 8:00 a.m. to noon and 1:00 p.m. to 5:00 p.m. For more information, pick up a Backcountry Trip *Planner* at the Backcountry Information Office or the Visitor Center at Canyon View Information Plaza.

Backcountry Information Center

P.O. Box 129 Grand Canyon, AZ 86023 Tel: (928) 638-7875 (1:00 p.m. to 5:00 p.m. Mon.-Fri.) www.nps.gov/grca/

Want to know more?

Grand Canyon Association bookstores offer many books and maps on hiking. Bookstore hours and locations are listed on page 6. A few items to consider include:

- Official Guide to Hiking Grand Canyon, Scott Thybony
- The Grand Canyon Trail Guides series: Bright Angel, Grandview, Havasu, Hermit, North Kaibab, South Kaibab, South and North Bass
- Grand Canyon National Park Trails topographic map

Lodging and Services



Dining: Listed west to east (approximately) along the rim.

Hermits Rest Snack Bar

Reopens with completion of road construction in November.

Maswik Cafeteria

In the Maswik Lodge on the west side of the Village. Open daily 6:00 a.m.-10:00 p.m. Sports Lounge open daily 5:00 -11:00 p.m.

Bright Angel Restaurant

In Bright Angel Lodge. Open daily: breakfast: 6:30 -10:45 a.m., lunch: 11:15 a.m.-4:00 p.m., dinner 4:30-10:00 p.m.; Lounge 11:00 a.m.-11:00 p.m.

Bright Angel Coffee

House In Bright Angel Lodge. Open daily 5:30-10:00 a.m.

Bright Angel Fountain

Ice cream and snacks on the rim in Bright Angel Lodge. Open daily 11:00 a.m.-6:00 p.m.

The Arizona Room

On the rim next to Bright Angel Lodge. Open daily: lunch 11:30 a.m.-3:00 p.m. (no lunch beginning Nov. 1), dinner 4:30-10:00 p.m.; Reservations are not accepted.

El Tovar Dining Room

On the rim. Open daily: breakfast 6:30-11:00 a.m., lunch 11:30 a.m.-2:00 p.m., dinner 5:00–10:00 p.m.; Dinner reservations are required (928)638-2631 ext. 6432. Lounge 11:00 a.m.-11:00 p.m.

Delicatessen at **Marketplace**

In the general store at Market Plaza. Open daily 8:00 a.m.-7:00 p.m. through Oct. 13. Beginning Oct. 14: 8:00 a.m.-6:00 p.m.

Yavapai Cafeteria

At Market Plaza. Open daily 6:30 a.m.-9:00 p.m. Closed November 2-26.

Desert View Trading Post Snackbar

Open daily 9:00 a.m.-5:00 p.m. through Oct. 22. Beginning Oct. 23: 9:00 a.m.-4:00 p.m.

Groceries

Canyon Village Marketplace

General store at Market Plaza. Open daily; 8:00 a.m.-8:00 p.m. through Oct. 13; Beginning Oct. 14: 9:00 a.m.-7:00 p.m.

Desert View Marketplace

Open daily; 9:00 a.m.-5:00 p.m. Closed Thanksgiving.

Lodging In the Park

All prices are subject to change. For sameday reservations, call (928) 638-2631. For advance reservations, call (888) 297-2757 or write to Xanterra Parks & Resorts, 6312 Fiddlers Green Circle, Suite 600N, Greenwood Village, CO 80111. www.xanterra.com

Bright Angel Lodge

On the rim; \$66-166.

El Tovar Hotel

On the rim; \$166-406.

Kachina Lodge On the rim; \$162–172.

Thunderbird Lodge

On the rim; \$162-172.

Maswik Lodge West end of village; \$86-162.

Yavapai Lodge Market Plaza; \$102-146.

Phantom Ranch

Bottom of the canyon; overnight dormitory and cabin space. Advance reservations are required. Call for prices.

Outside the Park

Grand Hotel

Tusayan; (928) 638-3333

Grand Canyon Squire Inn

Tusayan; (928) 638-2681

Holiday Inn Express

Tusayan; (928) 638-3000

Quality Inn

Tusayan; (928) 638-2673

Red Feather Lodge

Tusayan; (928) 638-2414

Camping

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

In the Park

Mather Campground

Operated by the National Park Service. Hook-ups are not available, but there is a dump station. Maximum vehicle length: 30 feet. Campsites are \$18 per night through Nov. 24; \$15 beginning Nov. 25. Sites may be available on a first-come, firstserved basis. Check at the campground entrance. Reservations are available until Nov. 24. Contact Reserve America (877) 444-6777 or www.recreation.gov for reservations up to six months in advance.

Trailer Village

Trailer sites with hookups are located next to Mather Campground. \$28 per site per night for two people, and \$2 for each additional person over age 16. Campers may register at the entrance to Trailer Village. Reservations through Xanterra: (888) 297-2757. www.xanterra.com

Desert View Campground

Located near the East Entrance, 25 miles (40 km) from Grand Canyon Village. Self-registration—first-come, first-served. \$12 per site per night. Campground closes mid-Oct., depending on the weather.

Outside the Park

Camper Village

Commercial campground located one mile (1.6 km) south of park entrance in the town of Tusayan. Hookups and coinoperated showers are available. Call: (888) 638-2887 or visit online: www.grandcanyonentrance.com

Ten-X Campground

Operated by Kaibab National Forest. Located two miles (3 km) south of Tusayan. \$10 per site per night—no hookups or showers. Information: (928) 638-2443. Campground closes Sept. 30.

Services

Laundry & Showers

Located near Mather Campground;

- Through Sept. 18 open: 6:00 a.m.-11:00 p.m. Last laundry load 9:45 p.m.
- Sept. 19-Oct. 30 open: 7:00 a.m.-9:00 p.m. Last laundry load 7:45 p.m.
- Beginning Oct. 31 open: 8:00 a.m. 6:00 p.m. Last laundry load 4:45 p.m.

Bank and ATM

Located at Market Plaza. The bank is open Mon.-Thurs. 9:00 a.m.- 5:00 p.m., and Fri. 9:00 a.m. – 6:00 p.m. Traveler's checks and major credit cards are accepted. 24-hour ATM is also available. Telephone: (928) 638-2437. An ATM machine is also available in the Maswik Lodge lobby.

Post Office

Located at Market Plaza; Window service: Mon.-Fri. 9:00 a.m.- 4:30 p.m., and Sat. 11:00 a.m. – 1:00 p.m. Lobby open: 5:00 a.m.- 10:00 p.m. Telephone: (928) 638-2512.

Kennels

Open daily: 7:30 a.m. – 5:00 p.m. Telephone: (928) 638-0534. To retrieve your pet after 5:00 p.m., call Fire and Safety: (928) 638-2631.

Lost and Found

For items lost or found in hotels or restaurants, call (928) 638-2631. For all other lost items, call (928) 638-7798. Please take found items to the Visitor Center at Canyon View Information Plaza.

Garage Services

Located east of Grand Canyon National Park Lodges general offices. Open daily 8:00 a.m-noon and 1:00-5:00 p.m. Garage provides emergency repairs such as tires, belts, batteries, fuses, hoses, etc. Tow service provided to Williams or Flagstaff for more advanced repairs. After hours emergency service available. (928) 638-2631.

Camping Equipment

Camping, hiking, and backpacking equipment may be purchased or rented at Canyon Village Marketplace (general store). Propane in exchangeable tanks is available.

Grand Canyon Community Library

Mon.-Fri. 10:30 a.m.-5:00 p.m. Sat. 10:30 a.m. - 4:00 p.m. Closed Sun. and holidays. Story time for infants through 5 years: Thurs. 11:00-11:30 a.m. Internet service available. Call (928) 638-2718 for directions to the library.

Books/Gifts

Listed west to east (approximately).

Hermits Rest 9:00 a.m. – 5:00 p.m. Reopens with completion of road construction in November.

Grand Canyon Village area

Maswik7:00 a.m.- 10:00 p.m.

Kolb Studio

Through Oct. 15 8:00 a.m. – 7:00 p.m. Beginning Oct. 16 8:00 a.m. – 6:00 p.m.

Lookout Studio . .9:00 a.m. – 5:00 p.m.

Bright Angel 7:00 a.m. – 10:00 p.m.

El Tovar7:00 a.m.- 10:00 p.m. **Hopi House**

Through Oct. 22 8:00 a.m. – 6:00 p.m. Beginning Oct. 23 9:00 a.m. – 5:00 p.m.

Verkamp's Curio — Closes Sept. 30 Through Sept. 159:00 a.m. – 6:30 p.m. Beginning Sept. 16 . . . 9:00 a.m. – 6:00 p.m.

Canyon Village Marketplace

Through Oct. 13 8:00 a.m. – 8:00 p.m. Beginning Oct. 14 9:00 a.m. – 7:00 p.m.

Yavapai Gift ShopThrough Oct. 22 8:00 a.m. – 9:00 p.m.
Beginning Oct. 23 9:00 a.m. – 5:00 p.m.

Yavapai Observation Station

Through Oct. 15 8:00 a.m. – 7:00 p.m. Beginning Oct. 16 8:00 a.m. – 6:00 p.m.

Books & More

(Canyon View Information Plaza) Through Oct. 15 8:00 a.m. – 7:00 p.m. Beginning Oct. 16 8:00 a.m. – 6:00 p.m.

Desert View area

Tusayan Museum . .9:00 a.m.- 5:00 p.m.

Desert View Bookstore/Park Information 9:00 a.m. – 5:00 p.m. As staffing permits.

Desert View Trading Post

Through Oct. 22 9:00 a.m. – 6:00 p.m. Beginning Oct. 23 9:00 a.m. – 5:00 p.m.

Desert View Watchtower

Through Oct. 22 9:00 a.m. – 6:00 p.m. Beginning Oct. 23 9:00 a.m. – 5:00 p.m.

Desert View Marketplace

.....9:00 a.m.- 5:00 p.m.



24-Hour Emergency Care

Dial 911 (From hotel rooms dial 9-911).

North Country Grand Canyon Clinic

Through Sept. 30: Daily 8:00 a.m. – 6:00 p.m. Oct. 1-31, Mon.-Sat.: 8:00 a.m.- 6:00 p.m. Beginning Nov. 1: Mon.-Fri.: 8:00a.m.-5:00 p.m.

Phone: (928) 638-2551.

Organizations and Services

Accessibility

Programs, services, and facilities that are fully or partially accessible to persons with physical disabilities are noted in *The Guide* by the following symbol: &

Day-Use Wheelchairs

The National Park Service provides temporary day-use wheelchairs at no charge at the Visitor Center at Canyon View Information Plaza.

Accessibility Permit

To gain entry to Yaki Point, Canyon View Information Plaza, and Hermit Road (when construction is completed), pick up an Access Pass at entrance stations, visitor centers, most lodges, and Kolb Studio. This permit also allows use of designated parking if you do not have your accessibility tag or license plate.

Accessible Bus Tours

Wheelchair-accessible tours are available by prior arrangement. Contact any lodge transportation desk or call (928) 638-2631 for information. TTY Telephone are available to hotel guests in the park.

Accessibility Guide

The Grand Canyon National Park *Accessibility Guide* is available at the Visitor Center at Canyon View Information Plaza, Kolb Studio, Tusayan Museum, Desert View Information Center, and park entrance stations.

Child Day Care

The Kaibab Learning Center is available for day care of infants through 12 years of age if space is available. Immunization records must be provided. Open Mon.–Fri. 7:30 a.m.–5:30 p.m. Telephone (928) 638-6333 for more details.

Hualapai Skywalk

The Hualapai Skywalk at Grand Canyon West on the Hualapai Indian Reservation opened to much publicity in 2007. The Skywalk at the west end of Grand Canyon is approximately 250 miles from the South Rim—50 miles east of Highway 93 between Kingman, Arizona and Las Vegas, Nevada.

Stop by the Visitor Center at Canyon View Information Plaza for a handout with more details and a map. For additional information or to make reservations telephone (877)716-9378 or (702)878-9378 or visit www.destinationgrandcanyon.com.

A Religious Services

Religious services are offered in the park and the surrounding community. However, the National Park Service does not endorse any group or message.

Current schedules are posted at Mather Campground (near the registration station), Shrine of the Ages, the information kiosk near the post office, and Canyon View Information Plaza.

A Christian Ministry in the National Parks (928) 638-2340

Grand Canyon Community Church (Interdenominational) Jared Long, Pastor: (928) 638-2340

The Church of Jesus Christ of Latter-Day Saints

Don Keil, Branch President: (928) 638-4050

El Cristo Rey Roman Catholic Church

Father Eugene Cagoco: (928) 638-2390

Grand Canyon Assembly of God

Brian and Debbie Fulthorp, Co-pastors: (928) 638-9415.

Grand Canyon Baptist Church Rick Wiles: (928) 638-0757

Jehovah's Witnesses (Tusayan**)** Borden Miller: (928) 635-4166

Service Organizations

Alcoholics Anonymous

AA meets Monday, Wednesday, and Friday at 7:00 p.m. in the Kachina Room, Kachina Lodge. Meetings are open and nonsmoking.

Grand Canyon Rotary Club

Meets Thursdays at noon in the Thunderbird Room at the Thunderbird Lodge.

Lions Club

Meets twice monthly on the first and third Wednesdays at 7:00 p.m. at the Grand Canyon Quality Inn in Tusayan. For information call (928) 638-0666.

Tours and River Trips

Air Tours

Fixed-wing and helicopter tours of the Grand Canyon region originate daily from Grand Canyon Airport. A list of air tour operators is available upon request at the Visitor Center at Canyon View Information Plaza or consult the local telephone directory.

Bus Tours

Tours within the park to Desert View and Hermits Rest (when Hermits Rest reopens), 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 (928) 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 (928) 638-2631 or contact the Bright Angel Lodge transportation desk for further information.

Horse Rides

Trail rides and campfire and wagon rides are available from Apache Stables at the north end of Tusayan. Rides are offered as weather permits. For information and reservations call (928) 638-2891.

Smooth-Water Raft Trips

Trips on the Colorado River from Glen Canyon Dam to Lees Ferry are provided by Colorado River Discovery. (888) 522-6644; www.raftthecanyon.com. All day tours from the park including the smooth-water raft trip can be arranged at any lodge transportation desk.

White Water Raft Trips

White-water trips through the canyon last 3–21 days and require reservations well in advance. Ask at the Visitor Center at Canyon View Information Plaza for a *Trip Planner* with a list of approved river trip operators.

Learning & Lodging

Fun and informative programs combine lodging, meals, and two days in the field with an instructor. Inquire at the Front Desk or the Transportation Desk at any in-park lodge, or call (928) 638-2525, or visit www.grandcanyonlodges.com (click on promotions).

Transport

Bus Service

Greyhound Bus Lines offers service from Flagstaff, Arizona, to points nationwide. (See shuttle service below for road transportation to the park.)

Railroad

Grand Canyon Railway offers service between Williams, Arizona, and Grand Canyon. Call (800) THE-TRAIN for information and reservations. The Railroad Express offers bus service 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 (800) THE-TRAIN [(800) 843-8724].

Taxi Service

Service is available to the Grand Canyon Airport, trailheads, and other destinations. 24-hour service daily. Call (928) 638-2822 or (928) 638-2631, ext. 6563.

Transportation Desks

Information about Phantom Ranch facilities, mule trips, horseback riding, air tours, one-day float trips, and motorcoach tours (including wheelchair-accessible vehicles) is available at the lodge lobbies. Call (928) 638-2631, ext. 6015.

Maswik Lodge

6:00 a.m.-6:30 p.m. until Oct. 31

Bright Angel Lodge

6:00 a.m.-8:00 p.m. until Oct. 31 6:00 a.m.-6:30 p.m. beginning Nov. 1

Yavapai Lodge

8:00 a.m.–1:00 p.m. and 2:00 p.m.–6:30 p.m. until Oct. 31

Rim-to-Rim Shuttle

Daily round-trip transportation between the North Rim and South Rim is provided by Transcanyon Shuttle. One trip each way daily. Reservations required: (928) 638-2820. Scheduled service stops October 15. Charter service available until November 15.

Shuttle Service

Two companies provide shuttle service between Flagstaff, Williams, and Grand Canyon twice daily. They also serve Phoenix as well as other points in northern Arizona.

Flagstaff Express

(800)563-1980 or (928)225-2290 www.flagstaffexpress.com

Open Road Tours

(877)226-8060 or (928)226-8060 www.openroadtours.com

Additional Out-of-Park Services

The following facilities are located in Tusayan, outside the park's south entrance on Arizona Highway 64.

For additional services not listed, consult the local telephone directory. Area code (928) for all numbers listed below.

Fuel

Conoco Service Station 638-2608

Food

Cafe Tusayan	038-2151
Canyon Food Mart6	38-2608
Canyon Star6	38-3333
General Store6	38-9228
McDonald's6	38-2208
Sophie's Mexican Kitchen6	38-8423
Pizza Hut6	38-4629
Quality Inn6	38-2673
RP's Stage Stop6	
Squire Inn Restaurant6	38-2681
Tusayan Steakhouse6	38-2780
We Cook Pizza, Etc	38-2278
Wendy's6	

Internet Access

Grand Canyon Tourist Cent	ter .638-2626
Quality Inn	638-2673
Jennifer's Internet & Bakery	7
Cafe	638-3433
Red Feather Lodge	638-2414
RP's Stage Stop	638-3115

Cinema/Movie

Kaibab National Forest

Tusayan Ranger District 638-2443

News & Weather (radio)

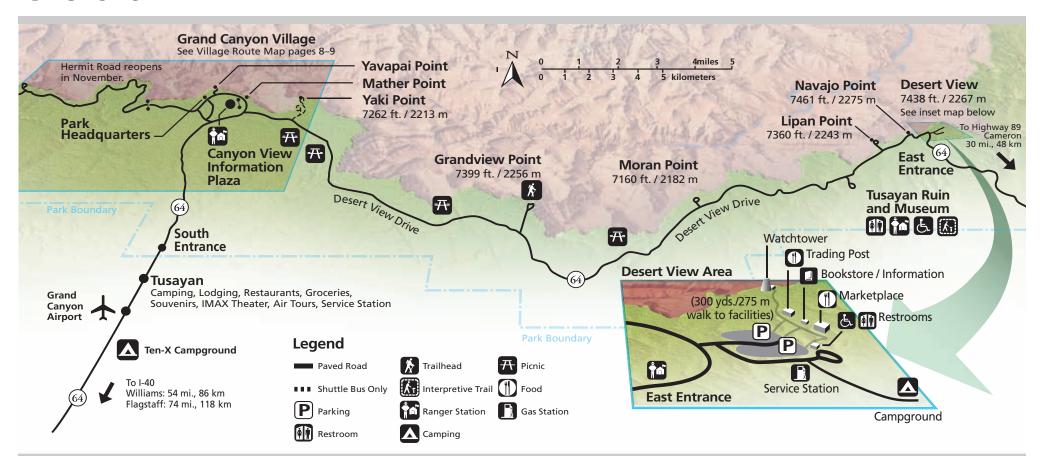
KNAU 90.3(800) 532-5628



Arizona Highway Information511

or (888) 411-ROAD or www.az 511.gov

South Rim



Bookstores



Enriching Experience through Knowledge

When you shop at Grand Canyon Association (GCA) bookstores, your purchase supports Grand Canyon National Park. GCA is a nonprofit organization created in 1932 to cultivate knowledge, discovery, and stewardship for the benefit of Grand Canyon National Park and its visitors. Since then, GCA has provided more than \$29.2 million in financial support.

When you visit our bookstores, ask how you can support Grand Canyon National Park's educational programs and scientific research by becoming a member of the Grand Canyon Association. In addition to supporting the park, you will receive a 15% discount at all GCA bookstores, including our online bookstore at www.grandcanyon.org.

Member discounts are also available for most classes offered by the Grand Canyon Field Institute, GCA's outdoor education program. For more information about GCFI, visit www.grandcanyon.org/fieldinstitute.

For GCA bookstore locations, see page 6. In addition to the South Rim, GCA operates bookstores at the North Rim Visitor Center and the Kaibab Plateau Visitor Center at Jacob Lake.

Teachers can take advantage of GCA's *Travelin' Trunk* program, which brings the Grand Canyon to your classroom. For more information contact (800) 858-2808 ext. 7142 or outreach@grandcanyon.org

Shop online: www.grandcanyon.org or call toll free (800) 858-2808, ext 7030.

North Rim



The average distance across Grand Canyon "as the raven flies" is ten miles (16 km). However, getting from the South Rim to the North Rim by automobile requires a five-hour drive of 215 miles (346 km).

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 May 15–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 the Visitor Center at Canyon View Information Plaza on the South Rim.

Desert View Services

Chevron Service Station	Closes October 26 24-hour credit card acces	9:00 a.m.– 5:00 p.m. s year-round
Desert View Marketplace		9:00 a.m.– 5:00 p.m. Closed Thanksgiving Day
Desert View Bookstore/ Park Information	Open daily	9:00 a.m.– 5:00 p.m.
Trading Post Snack Bar	Until Oct. 22 Beginning Oct. 23	9:00 a.m 5:00 p.m. 9:00 a.m 4:00 p.m.
Trading Post Gift Shop	Until Oct. 22 Beginning Oct. 23	9:00 a.m 6:00 p.m. 9:00 a.m 5:00 p.m.
Watchtower Gift Shop	Until Oct. 22 Beginning Oct. 23	9:00 a.m 6:00 p.m. 9:00 a.m 5:00 p.m.
Watchtower Stairs	Until Oct. 22 Beginning Oct. 23	9:00 a.m 5:30 p.m. 9:00 a.m 4:30 p.m.
Desert View Campground	Closes mid-October	1st come-1st served

National Park Service U.S. Department of the Interior

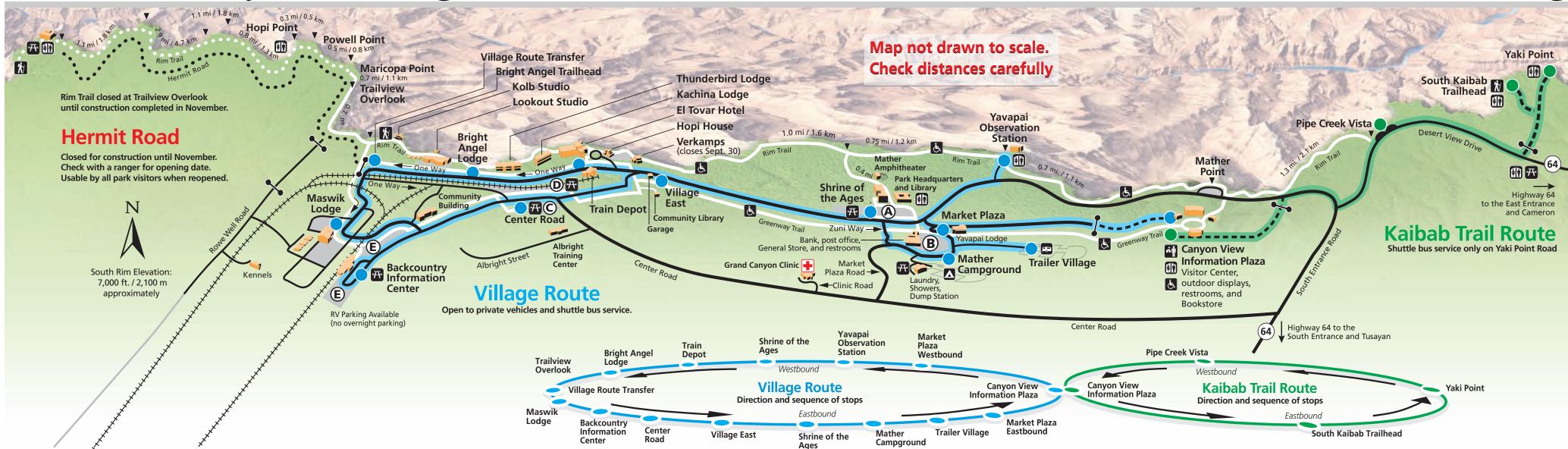
Grand Canyon National Park

Post Office Box 129, Grand Canyon, AZ 86023

For the latest information updates, visit Grand Canyon National Park's website at: www.nps.gov/grca/

The Guide is published by Grand Canyon National Park in cooperation with the Grand Canyon Association. Printed by Arizona Daily Sun on recycled paper, using soy inks.

EXPERIENCE YOUR AMERICA



Free Shuttle Buses



Buses may be white, white with a green stripe, or brown and tan. The route is indicated by a colored square near each door. Many buses also display the route name on the front of the bus.

Pets are not permitted on buses.

Shuttle service may be suspended during inclement weather.

Note: Sunrise and sunset times are listed on page 7.

Hermits Rest Route

Hermit Road remains closed due to construction. When it reopens sometime in November, all park visitors can use the improved road to Hermits Rest. Check with a ranger for the opening date.

Shuttle bus service on the Hermits Rest Route resumes March 1, 2009.

Village Route

Buses provide transportation between Canvon View Information Plaza, Yavapai Point, hotels, restaurants, campgrounds, parking lots, and other facilities in the Village area. This is not a scenic route, but rim views are available a short walk from many stops.

60 Minutes Round Trip

(Riding time; get on or off at any stop)

September, October, November

5:15-6:30 a.m. Buses run about every 30 minutes

6:30 a.m.-7:30 p.m. Buses run about every 15 minutes

7:30-10:00 p.m. Buses run about every 30 minutes

Kaibab Trail Route

Buses provide transportation between Canvon View Information Plaza, South Kaibab Trailhead, and Yaki Point. This is the shortest scenic route and the only access to Yaki Point.

30 Minutes Round Trip

(Riding time; get on or off at any stop)

September, October, November

5:15-6:30 a.m. Buses run about every

30 minutes

6:30 a.m.-5:00 p.m. Buses run about every 15 minutes

5:00-7:45 p.m. Buses run about every 30 minutes

Hikers' Express: An early morning bus

leaves daily from the Bright Angel Lodge shuttle bus stop and the Backcountry Information Center and goes directly to the South Kaibab Trailhead at:

September: 5:00, 6:00, and 7:00 a.m. October: 6:00, 7:00, and 8:00 a.m. November: 7:00, 8:00, and 9:00 a.m

Rules of the Road

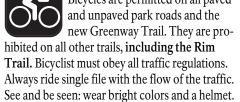


Motorist Warning Pedestrians have the right of way. Vehicles must stop for pedestrians



Pedestrian Warning Avoid walking on narrow park roads. Use trails that parallel most





On the narrow Hermit Road, bicyclists should pull to the right shoulder of the road and dismount when large vehicles are attempting to pass. Never hang onto a shuttle bus while riding.

Parking

Parking is available in lots throughout Grand Canyon Village. Please avoid parking along the roadside except where signs or lines on the road indicate that it is permissible. The location of the lots is indicated on the map above.

A Near Park Headquarters (administrative offices) and Shrine of the Ages. Large lot that frequently has available spots.

B Near the businesses in Market Plaza. This is the largest lot, but tends to fill early.

This small lot near the intersection of Center and Village Loop Roads may have sites when others

(D) Unpaved lot along the railroad tracks in the middle of the Grand Canyon Village Historic District.

(E) Near the Backcountry Information Center. The southern portion of this lot has large, pull-through spaces for RVs and vehicles with trailers.

Shuttle bus stops are located in or near all parking areas.

Accessibility



An accessibility permit, allowing access to some areas closed to public traffic, is available at entrance gates, the Visitor Center at Canyon View

Information Plaza, Kolb Studio, El Tovar concierge desk, and the Bright Angel Lodge, Yavapai Lodge, and Maswik Lodge transporta-

Accessible shuttle buses are available in response to requests made the day prior. Call (928) 638-0591.

Visitors with accessibility considerations and their party members may use the shuttle that operates approximately every 15 minutes between Mather Point and Canyon View Information Plaza from 7:30 a.m. to 5:30 p.m. Shuttle service may be suspended during inclement weather.

Leaend

Shuttle Bus Routes (Indicated in red, blue, or green)				
Shuttle Bus Stops (Indicated in red, blue, or green)				
Major Park Roads (All vehicles)				
Secondary Roads (All vehicles)				
Shuttle Buses Only — — — —				
Parking P				
Picnic Tables				
Paved Trails				
Unpaved Trails				
Distance between points on Rim Trail				
Not to scale. Check distances carefully.				