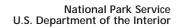
# YELLOWSTONE Today

Autumn 2005

## Official Newspaper of Yellowstone National Park





## Yellowstone National Park's Mission

Preserved within Yellowstone National Park are Old Faithful and the majority of the world's geysers and hot springs. An outstanding mountain wildland with clean water and air, Yellowstone is home of the grizzly bear and wolf and free-ranging herds of bison and elk. Centuries-old sites and historic buildings that reflect the unique heritage of America's first national park are also protected. Yellowstone National Park serves as a model and inspiration for national parks throughout the world.

## Mission of the National Park Service

The National Park Service preserves unimpaired the natural and cultural resources and values of the national park system for the enjoyment, education, and inspiration of this and future generations. The National Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

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Aspens on Mount Everts, near Mammoth Hot Springs

#### Welcome to the World's First National Park

Yellowstone National Park was established in 1872 to protect the unique geysers and other hydrothermal features. The park is the core of the Greater Yellowstone Ecosystem—one of the largest intact temperate zone ecosystems remaining on the planet. It's home to the spectacular Grand Canyon of the Yellowstone River and Yellowstone Lake, the largest high elevation lake in North America.

Protect yourself in Yellowstone by:

- **★** staying on all boardwalks and trails in hydrothermal areas
- \* keeping children within reach in these areas
- \* staying at least 25 yards away from all animals except . . .
- **★** staying at least 100 yards away from BEARS.

For more safety tips, see page 2.

#### SPEED KILLS

more than 100 deer, moose, bears, elk, bison, wolves each year

#### SLOW DOWN

and save a life

#### **Help Protect Wildlife Near Roads**

- ♦ Always expect animals to be on or near the road.
- Follow the speed limit (maximum 45 mph unless otherwise posted).
- Increase caution at night and during wet or wintry conditions.

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## Watch Wildlife Safely

Please remember that Yellowstone is not a zoo and the animals are not tame. Do not approach any wildlife. View them from the safety of your vehicle. If an animal reacts to your presence, you are too close.

Keep your distance and stay safe—and you will see more of an animal's natural behavior and activity.

Each year park visitors are injured by wildlife when they approach animals too closely. You must stay at least 100 yards (91 m) away from bears and at least 25 yards (23 m) away from all other animals—including bison, elk, bighorn sheep, deer, moose, wolves, and coyotes.

BISON are unpredictable and dangerous; they weigh up to 2,000 pounds (900 kg) and sprint 30 miles per hour (48 kph). Visitors are injured every year.

**COYOTES** quickly learn habits like roadside feeding. This may lead to aggressive behavior toward humans and can increase the risk of the coyote being hit by a vehicle or destroyed by management. Do not feed any wildlife.

BEARS live throughout the park. Be alert for tracks, do not approach carcasses, and avoid surprising bears in any

Page 7, "Hiking and Fishing in Bear Country," provides information on precautions and bear encounters.

If you are injured by a bear (regardless of how minor), or if you observe a bear or bear tracks, report it to a park ranger as soon as possible. Someone's safety may depend

## **DANGER!**

## **SCALDING WATER**

Beautiful but deadly: Yellowstone's hydrothermal features can kill you. Their waters are frequently near or above boiling. Their crust is thin, breaks easily, and often overlies scalding water.

- Stay on boardwalks and designated trails. They protect you and delicate formations.
- Keep your children close to you at all times; make sure they understand the danger.
- Pets are prohibited in hydrothermal areas.
- ◆Swimming or bathing is prohibited in hydrothermal pools or streams where water flows entirely from a hydrothermal spring or pool.
- Where swimming is allowed, swim at your own risk. Yellowstone's natural waters tend to be very hot or very cold, and immersion in extreme temperature water can be fatal. Thermal water can also harbor organisms that cause a fatal meningitis infection or Legionnaires' disease. Exposing your head to thermal water by immersion, splashing, touching your face, or inhaling steam increases your risk of burns and infection.

#### TOXIC GASES

Toxic gases exist in Yellowstone. Dangerous levels of hydrogen sulfide, carbon dioxide, and carbon monoxide have been measured in some hydrothermal areas. If you feel sick, leave the location immediately.

## Other Rules and Safety Information

Fishing & Boating Fishing, boating, and using float tubes require permits. Regulations and seasonal restrictions apply to fishing. See page 6 and the park fishing regulations.

Backcountry Permits Permits are required for overnight backcountry use. See page 7.

Bicycling Bicycling is permitted on established public roads, parking areas, and designated routes; it is not allowed on backcountry trails and boardwalks. For details, ask for the bicycling brochure at a visitor center. Even for short trips, wear safety gear, including helmet and high visibility clothing. Bicycle cautiously: Roads are narrow and winding with few shoulders. Motorists often do not see bicyclists or give them enough space on the road; some pass on hill crests and blind curves. Motor homes or vehicles towing trailers may have wide mirrors. Long distances exist between services and facilities. Elevations range from 5,300 to 8,860 feet (1,615-2,700 m).

Falling Trees Avoid areas with dead trees (snags). They may suddenly fall, especially on windy days.

High Altitude Most of the park is above 7,500 feet (2,275 m). Allow time to acclimate; be aware of your physical limitations; don't overexert. Drink plenty of water to forestall dehydration from altitude and dry climate. Stop and rest often.

Pets Pets must be leashed. They are prohibited on all trails, in the backcountry, and in hydrothermal basins. Pets are not allowed more than 100 feet from a road or parking area. Leaving a pet unattended and/or tied to an object is prohibited.

Picnic Areas Locations shown on the Official Map and Guide; those with fire grates are listed in a free handout available at visitor centers. Liquid or gas fuel stoves or self-contained charcoal grills may be used for cooking at all locations. Most picnic areas have vault toilets; only Madison has drinking water. Overnight camping is not allowed in picnic areas.

Seat Belts Each vehicle occupant must have a safety belt or child restraint system fastened when the vehicle is in motion.

Stream Crossing Check at local ranger stations for current stream conditions.

Swimming See "Danger! Scalding Water" at left.

Theft Lock your vehicle; keep all valuables hidden; label all valuable property with your name, address, or identification number; report theft or vandalism to a ranger.

Traffic Most park roads are narrow, rough, and busy; some steep sections have sharp drop-offs. Ice and road damage occur year-round. Drive cautiously and courteously; you must use pullouts to observe wildlife or scenery and to allow other vehicles to pass. Watch for animals on the road, especially at night.

Weapons No firearms or weapons, including statepermitted concealed weapons, are allowed in Yellowstone. Unloaded firearms may be transported in a vehicle when the weapon is cased, broken down or rendered inoperable, and stored in a manner that prevents ready use. Ammunition must be placed in a separate compartment of the vehicle.

#### **CAUTION: Wildlife Jams**

Habituated wild animals are dangerous because they learn people are not a threat and will tolerate people at close distances. Many animals—including bears, bison, coyotes, elk, and bighorn sheep-become habituated. To protect yourself and wildlife, follow these guidelines when viewing or photographing roadside wildlife, whether you are alone or in a wildlife jam:

- ◆ Park in established turnouts and make sure your car is completely off the paved roadway.
- ◆ Make sure you put your vehicle into park, and engage your parking brake.
- ◆ If you exit your vehicle, stay near your vehicle so you can get inside if the bear or other wildlife approaches.
- ◆ Avoid being struck by a moving vehicle, do not stand in the roadway to view or photograph wildlife.
- ◆ Never surround, crowd, approach, or follow wildlife.
- Don't block an animal's line of travel.
- ◆ Do not run or make sudden movements—this may cause predators to attack.
- If other people in the area are putting you in danger, leave the scene and/or notify a park ranger.
- Do not ever feed wildlife, including birds.

## These Actions Are Illegal

- improperly storing food (see pages 6–7)
- violating camping regulations & rules
- having pets off leash or on trails and boardwalks
- littering
- swimming in hydrothermal pools
- traveling off boardwalks in hydrothermal areas
- ◆ removing or possessing natural (antlers, etc.) or cultural (artifacts) features
- violating fishing regulations
- feeding or approaching wildlife
- spotlighting (viewing) with artificial light) elk, deer, or other animals
- calling in elk by imitating their calls or using buglers
- imitating wolf howls
- using electronic equipment capable of tracking wildlife

## **Know These Numbers**

speeding (radar

law enforced)

driving while intoxi-

cated (open container

leaving detachable side

not pulling trailers

traveling off-road by

vehicle or bicycle

mirrors attached when

enforced)

= the number of YARDS you must stay away from all wildlife—except...

= the number of YARDS you must stay away from a bear

= the maximum unless otherwise

speed limit in the park posted

= the number to call in an emergency

## Questions? Ask a ranger at these locations!

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#### Albright Visitor Center, Mammoth

Information, bookstore, and exhibits on wildlife and history. Films on the park and the national park idea. Call 307-344-2263. Open daily, year-round. Through Sept. 5: 8 AM-7 PM Sept. 6-Sept. 30: 8 AM-5 PM October 1 through winter: 9 AM-5 PM

#### **Canyon Visitor Center**

Information and bookstore. Call 307-242-2550. Open daily through Sept. 5: 8 AM-7 PM Sept. 6-Sept. 30: 9 AM-6 PM; closed for the season thereafter.

#### Fishing Bridge Visitor Center

Information, bookstore, and exhibits on the park's birds and other wildlife. Call 307-242-2450. Open daily through Sept. 5: 8 AM-7 PM Sept. 6-Sept. 30: 9 AM-6 PM; closed for the season thereafter.

#### **Grant Visitor Center**

Information, bookstore, exhibits, video on the role of fire in Yellowstone. Call 307-242-2650. Open daily through Sept. 5: 8 AM-7 PM Sept. 6-Sept. 30: 9 AM-6 PM; closed for the season thereafter.

#### **Madison Information Station**

Information and bookstore. Call 307-344-2821. Open daily through Sept. 30: 9 AM-5 PM

#### Museum of the National Park Ranger, **Norris**

Exhibits at historic soldier station trace development of the park ranger profession; video shown. Open daily through Sept. 25: 9 AM-5 PM; closed for the season thereafter.

#### Norris Geyser Basin Museum & Information Station

Information, bookstore, exhibits on hydrothermal features of Yellowstone. Call 307-344-2812. Open daily through Sept. 30: 10 AM-5 PM; closed for the season thereafter.

#### **Old Faithful Visitor Center**

Information, bookstore, and geyser eruption predictions. Award-winning film about hydrothermal features. Call 307-545-2750. Open daily. Through Sept. 5: 8 AM-7 PM

information window until 8 PM Sept. 6-Sept. 30: 8 AM-6 PM October 1-Nov. 6: 9 AM-5 PM Closed Nov. 7 until start of winter season in mid December.

#### **West Thumb Information Station**

Information and bookstore. Open daily through Sept. 5: 8 AM-7 PM Sept. 6-Sept. 30: 9 AM-5 PM; closed for the season thereafter.

#### West Yellowstone **Visitor Information Center**

Information, publications. West Yellowstone Chamber of Commerce staff available year-round, Monday-Friday, 8 AM-5 PM. Call 406-646-7701. NPS rangers available daily through Sept. 5:

8 AM-8 PM Sept. 6-Nov. 6: 8 AM-4 PM. Call 406-646-4403.

## Only One Day Here?

Tips from Yellowstone's Rangers

- 1. Drive to the Old Faithful area and walk around the geyser basin; drive to the Canyon area-stop at several overlooks and walk along part of the rim.
- Add Hayden Valley to the above route especially at the beginning or end of the day—to look for some of the park's large animals.
- Visit the Upper Geyser Basin (Old Faithful, Biscuit Basin, Black Sand Basin); drive to Fountain Paint Pot to view mudpots; drive to Canyon and visit Artist Point. End your day at Fishing Bridge Museum on the shore of Yellowstone Lake.
- Visit Old Faithful and one other hydrothermal area, such as Norris, West Thumb, or Mammoth Hot Springs.
- Visit lesser-known features such as Artist Paint Pots south of Norris, Roaring Mountain north of Norris, Terrace Springs near Madison Junction, Firehole Lake Drive in the Lower Geyser Basin, or Natural Bridge near Bridge Bay.

#### Consider one or two moderate day hikes.

Each major area of the park has several hikes suitable for brief excursions into the wilder side of Yellowstone. Consult the "Dayhike Sampler," available for 25¢ at visitor centers.

#### Two or More Days?

- Explore one area of the park in depth.
- Explore one type of attraction, such as geology or wildlife, in depth. For example, visit Mammoth Hot Springs to see travertine formations and view the sedimentary layers of Mount Everts, drive through glaciated terrain to Tower Fall or the Lamar Valley, then climb Mount Washburn to view the Yellowstone Caldera and evidence of glaciers.

## **Travel Tips**

- ◆ Allow plenty of time to drive from place to place. Speed limits are 45 mph (73 kph) or lower; narrow, winding roads warrant slower speeds in many sections; and traffic is often heavy and slow.
- Allow extra time when passing through or detouring around road construction (see map on back page).
- ◆ Traffic is heavy from mid-June to mid-September with midday peaks.
- ◆ Allow extra time for crossing mountain passes; they are all over 8,000 ft (2427 m).
- Grand Loop Road passes major scenic attractions: 142 miles (229 km) total; Upper Loop, 70 miles (113 km); Lower Loop, 96 miles (155 km).

**Note:** Expect 30-minute road-construction delays on the road from Canyon to Tower Junction, which goes over Dunraven Pass.

## **Highlights**

#### **Geysers & Hot Springs**

In the 50 miles between Mammoth Hot Springs and Old Faithful, you'll see travertine terraces at Mammoth Hot Springs, acidic features at Norris Geyser Basin, mudpots and geysers at Fountain Paint Pot, a giant hot spring at Midway Geyser Basin, plus Biscuit and Black Sand basins near Old Faithful. West Thumb Geyser Basin is 17 miles east of Old Faithful; Mud Volcano is north of Yellowstone Lake.

#### **Grand Canyon**

The Grand Canyon of the Yellowstone River extends from south of Canyon Village north to Tower Junction. The most famous and spectacular section, including the Upper and Lower Falls, is seen from overlooks along the North and South Rim roads near the Canyon Village area. The northernmost extent of the canyon is visible from **Tower Fall and Calcite Springs** overlooks, south of Tower Junction.

The road between Tower Junction and Canyon Village goes over Dunraven Pass, the highest road in the park at 8,860 feet (2700 m). Expect

30-minute delays Chittenden Road south to Canyon, including the pass. Check at a visitor center for road work updates.

#### Lake Area

Yellowstone Lake is the largest high elevation lake (above 7,000 feet) in North America. It has 141 miles of shoreline and is more than 400 feet deep. With the Absaroka Mountains as a stunning backdrop, this area offers boating, fishing, hiking, and wildlife viewing, and hydrothermal features. (Fishing and boating require permits; see page 6.) You can visit several historic buildings, view a variety of hydrothermal activity, and see the Yellowstone River flow from the lake on its long journey. Four developed visitor areas lie along the lake's shores: Fishing Bridge, Bridge Bay, Lake Village, and Grant Village.

#### History

You can visit historic sites such as Fishing Bridge Museum, Norris Geyser Basin Museum, Obsidian Cliff, Old Faithful Inn and Historic District. Roosevelt Lodge Historic District, and Fort Yellowstone at Mammoth Hot Springs (you can take a self-guiding tour around the fort).

#### Wildlife

Autumn is the season of change and because of this, now is one of the best times of year to enjoy watching wildlife. Animals move from higher to lower elevations in preparation for winter. The elk mating season, or rut, is taking place, and you may hear the primal sound of bull elk bellowing as they compete for females. Birds fly through the park on timeless migration routes, and small animals such as ground squirrels and marmots disappear into dens for long months of hiber nation.

Look for larger herd animals such as elk and bison in Hayden and Lamar valleys, and in meadows along the Firehole and Madison rivers. Wolves may be seen in the Lamar or Hayden valleys or wherever large herds of animals congregate. Bears are more solitary but might be spotted in the park's valleys or meadows.

# Ranger Programs

Autumn 2005

	Sunday	Monday	Tuesday	Weds.	Thursday	Friday	Saturday
Canyon Village Walking the Canyon Rim Starting September 6 Words can hardly convey the startling beauty of the Yellowstone River, its Grand Canyon, and spectacular waterfalls. Explore the geology and natural history behind the scenery. Meet a park ranger at Uncle Tom's Parking Lot on the South Rim Drive (road to Artist Point). 1½ hours	3 PM 9/11-9/25	3 PM 9/12-9/26	3 PM 9/6-9/27	3 PM 9/7-9/28	3 PM 9/8-9/29		3 PM 9/10-9/24
The Yellowstone Canyon Talk Starting September 6 From a classic viewpoint, enjoy the Lower Falls, the Yellowstone River, and the spectacular colors of the canyon while learning about the area's geology and history. Discover why artists and photographers have been drawn to this special place. Join the park ranger on the lower platform at Artist Point on the South Rim Drive for this short talk. <i>♣ 10−15 minutes</i> *10 AM talk for families with children of Junior Ranger age. <i>♣ 20−30 minutes</i>	10 AM* 10:40 AM 11 AM 9/11-9/25	10 am* 10:40 am 11 am 9/12-9/26	10 AM* 10:40 AM 11 AM 9/6-9/27	10 AM* 10:40 AM 11 AM 9/7-9/28	10 AM* 10:40 AM 11 AM 9/8-9/29		10 AM* 10:40 AM 11 AM 9/10-9/24
Lake/Fishing Bridge Mud Volcano Exploration Walk Starting September 6 Early explorers described the Mud Volcano area as "the greatest marvel we have yet met with." Find out what these intriguing mudpots have to tell us about Yellowstone's explosive past and future. Moderately strenuous. Meet at Mud Volcano parking area. 2 hours	1 рм 9/11-9/25	1 PM 9/12-9/26	1 PM 9/6-9/27	1 рм 9/7-9/28	1 PM 9/8-9/29	1 PM 9/9-9/30	1 рм 9/10-9/24
Fishing Bridge Evening Program Starting September 6  Learn more about Yellowstone at this illustrated program and campfire.  Inquire at Fishing Bridge Visitor Center or look on local bulletin boards for daily program titles and descriptions. Meet at Fishing Bridge Visitor Center Amphitheater. & 45 minutes	8:30 pm 9/11-9/25	8:30 pm 9/12-9/26	8:30 pm 9/6-9/27	8:30 pm 9/7-9/28	8:30 pm 9/8-9/29	8:30 pm 9/9-9/30	8:30 pm 9/10-9/24
Mammoth Hot Springs  Mammoth Daily Special—Talk Starting September 6  Sample some of Yellowstone's wonders at this 20-minute ranger talk. A different topic is served up daily, featuring wildlife, geology, or history. Meet the ranger on the lawn outside the Albright Visitor Center, or in the theater if it's raining. & 20–30 minutes	1:30 pm 2:30 pm 9/11-9/25	1:30 pm 2:30 pm 9/12-9/26	1:30 PM 2:30 PM 9/6-9/27	1:30 pm 2:30 pm 9/7-9/28		1:30 PM 2:30 PM 9/9-9/30	1:30 PM 2:30 PM 9/10-9/24
Touring Historic Fort Yellowstone—Walk Starting September 6 Early in its 133 year history, Yellowstone National Park was protected by the U.S. Cavalry. On this short relaxed walk through Fort Yellowstone, a ranger will recount some of the important and fascinating historic happenings in the park, and you'll discover the role the Army played. Meet in front of Albright Visitor Center. 1 hour	5:30 pm 9/11-9/25	5:30 pm 9/12-9/26	5:30 PM 9/6-9/27	5:30 pm 9/7-9/28		5:30 pm 9/9-9/30	5:30 PM 9/10-9/24
Cold Faithful Area Ranger Adventure Hikes—Starting September 6 Explore Yellowstone's backcountry on a half-day hike with a park ranger. Visit lesser-known hydrothermal areas, explore wildlife habitats, and experience a slice of Yellowstone's wilderness. Program locations change daily. Hikes rated from easy to strenuous. Some hikes not recommended for people with heart, breathing, or serious medical conditions. Reservations required. Information and tickets are available at these visitor centers: Old Faithful, Albright (Mammoth), Grant, Canyon, and Fishing Bridge. This is a fee program: \$15 for adults, \$5 for kids ages 7-15, free for kids six and under. All children 15 and under must be accompanied by an adult.			SHOSHONE LAKE DISCOVERY 8 AM 9/6-9/27	Mudpot Special 8 am 9/7-9/28	LONE STAR STROLL 8 AM 9/8-9/29	Fairy Falls Frolic 8 am 9/9-9/30	MUDPOT SPECIAL 8 AM 9/10-9/24
Geysers Galore! Starting September 6  Take a quick look at Yellowstone's fascinating geysers and visible geologic story. Meet in front of Old Faithful Visitor Center for this outdoor program.  ₺ 10 minutes	1:15 PM 1:45 PM 9/11-9/25	1:15 PM 1:45 PM 9/12-9/26	1:15 PM 1:45 PM 9/6-9/27			1:15 PM 1:45 PM 9/9-9/30	1:15 PM 1:45 PM 9/10-9/24
Geyser Hill Walk Starting September 6 Yellowstone has more hydrothermal features than anywhere else in the world. Learn about Yellowstone's volcanic history and explore the world of hydrothermal features on this 1¼ mile walk. Meet at Old Faithful Visitor Center. 1½ hours	3:30 pm 9/11-9/25	3:30 PM 9/12-9/26	3:30 pm 9/6-9/27			3:30 pm 9/9-9/30	3:30 PM 9/10-9/24
Old Faithful Evening Program Starting September 6 Enjoy an illustrated program about Yellowstone's cultural or natural history. Check the bulletin board in the Old Faithful Visitor Center for titles and descriptions of programs or call 545-2750. Programs are held in the Old Faithful Visitor Center Auditorium. & 45 minutes	8:30 pm 9/11-9/25	8:30 PM 9/12-9/26	8:30 pm 9/6-9/27			8:30 pm 9/9-9/30	8:30 PM 9/10-9/24
Norris Geyser Basin Norris Geyser Basin Walk Starting September 6 Experience the muddy caldrons, acid geysers and clear pools of Norris Geyser Basin! Join a park ranger for a walk through this magical land. Meet at the Norris Geyser Basin Museum. Bring water, sturdy shoes, sunglasses and sunscreen. 1½ hours	10 am 9/11-9/25	10 am 9/12-9/26	10 am 9/6-9/27	10 am 9/7-9/28	10 am 9/8-9/29	10 am 9/9-9/30	10 AM 9/10-9/24
Volcano Country Talk Starting September 6  The heart of Yellowstone is its geologic past. Join a park ranger to learn about the park's fascinating landscapes, plants, hydrothermal features, or wildlife, and the powerful earth forces that make them possible. Meet at the Norris Geyser Basin Museum. & 20 minutes	3:30 pm 9/11-9/25	3:30 pm 9/12-9/26	3:30 pm 9/6-9/27	3:30 pm 9/7-9/28	3:30 PM 9/8-9/29	3:30 рм 9/9-9/30	3:30 pm 9/10-9/24
West Yellowstone Explore Yellowstone! Starting September 6 Would you like ideas on how to spend your time in Yellowstone? Meet a park ranger at the West Yellowstone Visitor Information Center, corner of Yellowstone Avenue and Canyon Street, for a talk about what to see and do in the park.	9:30 am 9/11-9/25	9:30 am 9/12-9/26	9:30 am 9/6-9/27	9:30 am 9/7-9/28	9:30 am 9/8-9/29	9:30 am 9/9-9/30	9:30 am 9/10-9/24
& = Accessible							

4

## Ranger Adventure Hikes (fee)—Old Faithful Area

#### **RESERVATIONS REQUIRED (in person only)**

We do not accept reservations by phone. Please purchase tickets in advance at the Albright (Mammoth), Old Faithful, Grant, Fishing Bridge, or Canyon visitor centers.

#### **Shoshone Lake Discovery**

8 AM, Tuesdays

The lush meadows along DeLacy Creek are alive with signs of wildlife. Follow DeLacy Creek to the pebbly shore of Shoshone Lake, the largest backcountry lake in the United States and a beautiful destination for this backcountry hike.

Area of Park Between Old Faithful & West Thumb

Difficulty Moderate (Elevation gain: 200 ft/60 m)

**Duration** 4.5–5 hours **Total Distance** 6 miles/9.6 km

Type of Trail Out and back; maintained trail.

#### **Mudpot Special**

8 AM, Wednesdays & Saturdays

Pocket Basin reveals a close-up view of colorful hot springs and bubbling mudpots. Experience the wonders of this dynamic geologic hot spot as we explore a backcountry thermal area along the famous Firehole River.

Area of Park Old Faithful

**Difficulty** Moderate (Elevation gain: 40 ft/12 m)

**Duration** 4.5–5 hours **Total Distance** 3 miles/4.8 km

**Type of Trail** Out and back; maintained trail and off-trail travel.

WHEN: through September 30

FEE: \$15 Ages 16 and older; \$5 Ages 7-15; Free for ages 6 and under

#### **Lone Star Stroll**

8 AM, Thursdays

5

Walk through lush forests along the scenic Firehole River and visit Lone Star Geyser, one of Yellowstone's hidden treasures. Lone Star is an active geyser with a massive geyser cone that erupts a sparkling jet of steaming water every few hours. Also view other rarely-visited backcountry hydrothermal features on an easy riverside stroll along an historic paved road.

**Area of Park** Old Faithful

**Difficulty** Easy (Elevation gain: 40 ft/12 m)

**Duration** 4.5–5 hours **Total Distance** 5.8 miles/9.3 km

**Type of Trail** Out and back; paved road open to bicycles

but not motor vehicles.

#### **Fairy Falls Frolic**

8 AM, Fridays

Ramble along the edge of a spectacular geyser basin and through a thriving young forest to Fairy Falls where water plunges 200 feet over a lava wall. Explore a backcountry hydrothermal area that includes Imperial Geyser.

Area of Park Old Faithful
Difficulty Moderate
Duration 5 hours

**Total Distance** 6.4 miles/10.3 km

Type of Trail Out and back; maintained trail and off-trail travel.

## **Especially for Children**

Want to Be a Junior Ranger?

Children between the ages of 5 and 12—you are invited

to become Junior Rangers! Stop by a park visitor center to find out how you can learn more about Yellowstone. Purchase the official Junior Ranger newspaper for \$3 and complete the program requirements. As Junior Rangers you will be awarded arrowhead-shaped patches—a wolf track patch if you are between the ages of 5 and 7, a bear track if you are between 8 and 12, or a winter patch if you complete the winter Junior Ranger program offered December through March.

#### Electronic Field Trips— Windows Into Wonderland

Attention middle school students! Climb aboard our electronic bus and look through its *Windows Into Wonderland!* Your passport to adventure is www.windowsintowonderland.org.

Although able to run as fast as the wind, the Yellowstone pronghorn may not be able to outpace regional extinction. Join dueling attorneys and investigate this compelling Yellowstone drama. "Speed Goats in Court: The Strange Case of the Appealing Pronghorn" premieres September 14 and is funded by "Eyes on Yellowstone which is made possible by Canon."

Meet Rosie, a young bison alone in a Yellowstone winter, and learn how she is affected by the park's most unique geologic features. Will hydrothermal areas influence Rosie's behavior or sway her migration patterns? Will hot springs and geyser

basins offer Rosie critical winter habitat or dire perils? What other living things use these special areas and why? The heat is on in this Yellowstone adventure! "Where the Bison Roam" airs October 12 and is funded by the National Science Foundation through a generous grant to the Yellowstone Park Foundation.

Journey through earlier eTrips and learn more about Yellowstone's natural and cultural resources. Topics include fire ecology, history, geology, the park's wildlife, microorganisms, and more! *Windows Into Wonderland* eTrips are free.

#### Live in Yellowstone!

Teachers, how would you like to spend 4 or 5 days and nights in Yellowstone with your 4th–8th grade students? We invite you, your students, and parent chaperones to participate in *Expedition: Yellowstone!*—our long-standing, curriculumbased residential program. Through field investigations, hikes, creative dramatics, journal writing, and group discussions, students learn about the natural and cultural history of the park and the current issues affecting the Greater Yellowstone Ecosystem.

The park charges a nominal fee to cover faculty salaries and instructional supplies. Financial aid is available for qualifying students through the Yellowstone Park Foundation's *Expedition:* Yellowstone! scholarship fund. For more information, please write: Expedition: Yellowstone! Coordinator, P.O. Box 168, Yellowstone National Park, WY 82190. The coordinator will work with you to tailor an itinerary for your students that best meets their educational needs.



## Self-Guiding Trails

Canyon Area View the colorful Grand Canyon of the Yellowstone River and the Upper and Lower Falls from overlooks; see why viewpoints are named Inspiration, Grandview, and Artist Point.

Fort Yellowstone Enjoy a walking tour of this historic site at Mammoth Hot Springs. Most buildings were constructed while the U.S. Army managed the park (1886–1918). They are now Yellowstone National Park headquarters.

Fountain Paint Pot View examples of the four types of hydrothermal features: geysers, hot springs, fumaroles, and mudpots.

Mammoth Hot Springs Hot spring activity sculpts ever-changing travertine terraces. Walk through active and inactive areas and enjoy a scenic drive through the Upper Terraces.

Mud Volcano Area Discover turbulent and explosive mudpots, such as Mud Volcano, Dragon's Mouth, and Sulphur Caldron.

Norris Geyser Basin Explore the hottest, most dynamic geyser basin in the park, which includes Steamboat, the world's tallest geyser, and Echinus, the world's largest acidic geyser.

**Old Faithful** The world's largest concentration of geysers is located in the Upper Geyser Basin. View Old Faithful then walk trails past hundreds of geysers and hot springs.

West Thumb Geyser Basin Boiling springs and geysers, including the famous Fishing Cone, discharge their waters into Yellowstone Lake, with the Absaroka Mountains as a backdrop.

#### Forces of the Northern Range

Exhibits reveal how volcanoes, glaciers, and fire shaped the landscape here and help identify the area's plants and animals.

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## Campgrounds

	Dates	Fees	Sites	Elev (ft)	Features	RV sites
Bridge Bay*	5/27-9/18	\$17	432	7,800	A, F, DS, G	call for availability & reservations
Canyon*	6/10-9/11	\$17	272	7,900	A, F, S/L, G	call for availability & reservations
Fishing Bridge RV*	5/20-10/2	\$33	346	7,800	F, S/L, DS, G	call for availability & reservations
Grant Village*	6/21-10/2	\$17	425	7,800	A, F, S/L, DS, G	call for availability & reservations
Madison*	5/6-10/30	\$17	277	6,800	A, F, DS, G	call for availability & reservations
Indian Creek	6/10-9/19	\$12	75	7,300	V	10 @ 40'; 35 @ 30'; pull-through
Lewis Lake	6/17–11/6	\$12	85	7,800	V	a few @ 40'
Mammoth	All year	\$14	85	6,200	A, F, G	all pull through
Norris	5/20-9/26	\$14	116	7,500	F, G	2 @ 50' (signed); 5 @ 30'
Pebble Creek	6/3-9/26	\$12	36	6,900	V	some long pull-throughs
Slough Creek	5/27–10/31	\$12	29	6,250	V	14 @ 30'; limited turn-around beyond #16
Tower Fall	5/20-9/26	\$12	32	6,600	V	all @ 30' or less; has hairpin curve
*Sites you can reserve; price doesn't include tax	ζ.			A Accessi F Flush t V Vault t		S/L Pay showers/laundry nearby DS Dump station G Generators OK 8 AM-8 PM

#### First-Come, First-Served

Seven campgrounds are operated by the National Park Service: Indian Creek, Lewis Lake, Mammoth, Norris, Pebble Creek, Slough Creek, and Tower Fall. You cannot reserve these sites.

#### **Reservable Sites**

You can reserve a site at the five campgrounds operated by Xanterra Parks & Resorts, indicated by \* on the chart. For same-day reservations, call 307-344-7311 or ask at lodging activities desks.

For future reservations, call 307-344-7311 or write Xanterra Parks & Resorts®, P.O. Box 165, Yellowstone National Park, WY 82190; www.TravelYellowstone.com.

Fishing Bridge RV Park is for hard-sided vehicles only (no tents or tent trailers are allowed).

## Overflow Camping ovicts

No overflow camping exists in Yellowstone National Park. Camping or overnight vehicle parking in pullouts, parking areas, picnic grounds, or any place other than a designated campground are not permitted. Camping is often available in neighboring communities and public lands outside the park (see page 13).

#### Check-in & Check-out

Check-in any time, but sites may not be available before 10 AM. Registration desks at reservable campgrounds are staffed 7 AM –10 PM, Memorial Day–Labor Day; 8 AM–9 PM, Labor Day–Memorial Day.

Check-out time is 10 AM.

#### **Length of Stay**

Camping (at any combination of campgrounds) is limited to 14 days *total* June 15–September 15 and to 30 days the rest of the year; no limit at Fishing Bridge.

#### **Discounts**

Holders of Golden Age and Golden Access passes receive approximately a 50% discount on camping fees, except at Fishing Bridge, where no discounts apply.

#### **RV Length**

Know your total vehicle length—total of trailer and towing vehicle or total of motorhome and towed vehicle. Use the total length to determine which campground can best accommodate your rig.

#### **Group Camping**

Group camping is available at Madison, Grant, and Bridge Bay from late May through closing date for organized groups with a designated leader such as youth or educational groups. Fees range from \$48–78 per night, depending on group size. Reservations are required and can be made by writing Xanterra Parks & Resorts, P.O. Box 165, Yellowstone National Park, WY 82190 or by calling 307-344-5437.

#### **Quiet Hours**

Each visitor deserves to hear the natural sounds of this beautiful environment. Respect this by complying with the law: quiet hours, 8 PM-8 AM (10 PM-7 AM at Fishing Bridge). No generators, loud audio devices, or other noise disturbances will be allowed during this time. Generators are only permitted in seven campgrounds (see chart).

#### **WARNING: Food & Odors Attract Bears**

The future of bears and the safety of you and others depend on you. The following items—new, clean, dirty, empty, or full—may not be left outside or in coolers, truck beds, tents, or tent trailers at any time, day or night, unless in immediate use:

water & beverage containers • cooking, eating, drinking utensils • stoves & grills • coolers & ice chests • trash • food • cosmetics & toiletries • pet food & bowls • pails, buckets, & wash basins

## **Permits and Fees**

#### **Permits**

Fishing You must have a permit to fish in Yellowstone. Anglers 16 years of age and older are required to purchase a permit: 3 days—\$15; 7 days—\$20; annual—\$35. Anglers 12–15 years of age are required to obtain a nonfee permit; those 11 years and younger may fish without a permit but must be supervised by an adult who knows the regulations. Permits are available at all ranger stations, visitor centers, and Yellowstone General Stores. State fishing licenses are not valid in Yellowstone National Park. If you catch a lake trout in Yellowstone Lake or its tributaries—including the Yellowstone River—you must kill the fish.

**Boats & Float Tubes** You must have a permit to use boats and float tubes; few park waters are open to them. Obtain these permits in person at: South Entrance, Grant Village Backcountry Office, and Bridge Bay Ranger Station. Non-motorized boating permits only are available at the Canyon, Mammoth, and Old Faithful backcountry offices, Bechler Ranger Station, and West and Northeast Entrances. You must have a Coast Guard approved "wearable" personal flotation device for each person on board.

#### Fishing Season

Yellowstone's fishing season generally begins on the Saturday of Memorial Day weekend and continues through the first Sunday of November. **Exceptions:** Yellowstone Lake opens June 15; Yellowstone Lake's tributary streams open July 15; Yellowstone River and its tributaries between Canyon and Yellowstone Lake open July 15. Refer to park fishing regulations or the park

website for additional information: www.nps.gov/yell/planvisit/todo/fishing/index.htm

#### **Fishing Regulations**

Park fishing regulations are available at all ranger stations, visitor centers, or general stores.

In Yellowstone, wildlife takes precedence over humans as consumers of fish. All fish are wild (there is no stocking), so sufficient adult fish must remain to reproduce and maintain populations and to assure genetic diversity. These facts require both a philosophical and literal distinction between recreational angling and consuming fish. In Yellowstone, angling is based on fishing for native species of wild trout in a natural setting.

Fishing regulations in Yellowstone National Park have evolved as ongoing research reveals population trends and interrelationships with the rest of the Yellowstone ecosystem. Increasing numbers of anglers have also influenced the development of regulations by their impact on certain species and aquatic habitats. As of 2001, you must release all native sport fish: cutthroat trout, Arctic grayling, and mountain whitefish.

#### Non-Toxic Fishing

Yellowstone National Park has implemented a fishing program using non-toxic tackle. Fishing tackle such as leaded split-shot sinkers, weighted jigs (lead molded to a hook), and soft lead-weighted ribbons for nymph fishing, are no longer allowed. Only non-toxic alternatives are allowed to accompany these types of fishing tackle. For more information, contact the Yellowstone Center for Resources, P.O. Box 168, Yellowstone National Park, WY 82190.

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Your safety is not guaranteed. If you choose to explore and enjoy the natural wonders of Yellowstone, be prepared for any situation. Read these rules and guidelines and consult a ranger before your trip.

## Permits & Reservations

Permits are required for all overnight trips, but not for day hiking. (All hikers are encouraged to check in at a ranger station for vital safety information.) Backcountry use permits must be obtained in person at a ranger station not more than 48 hours in advance of the first date of the trip. Campers may reserve campsites for future trips in person or by mail for a \$20 fee. To make reservations, check at a ranger station or write the Backcountry Office, P.O. Box 168, Yellowstone National Park, WY 82190.

For safety and resource concerns, especially regarding bears, camping is allowed in designated campsites only. Each campsite has limits for the number of people and stock allowed. The maximum stay at any single campsite varies. To obtain detailed information, check at a ranger station.

#### **Prohibited**

Firearms, weapons, pets, traps and nets, motorized equipment, and any type of wheeled vehicle (except wheelchairs) are prohibited in the back-country. Wheelchairs and some types of service animals are allowed. Contact the backcountry office for further information before taking a wheelchair or service animal into the backcountry.

#### Campfires

Campfires are permitted only in established fire pits. Burn only dead-anddown wood. Wood and ground fires are not allowed in some campsites. Your fire must be attended at all times and be completely extinguished before you leave.

#### Pack It In— Pack It Out

You must carry all refuse out of the backcountry, including items partly burned in fire pits (foil, tin, glass, etc.).

#### Sanitation

Bury human waste 6 to 8 inches (15–20 cm) below ground and a minimum of 100 feet (30 m) from water. Dispose of waste water at least 100 feet (30 m) from water or a campsite. Do not pollute lakes, ponds, rivers, or streams by washing yourself, clothing, or dishes in

#### **Drinking Water**

Drinking untreated water may lead to intestinal infection. Either filter it with a good commercial filter, treat it with a chemical treatment such as iodine or chlorine, or boil it at least one minute. Never drink water from a hot spring.

#### Weather

Yellowstone's weather is unpredictable. A sunny warm day may become fiercely stormy with wind, rain, sleet, and, sometimes snow. Lightning is common; get off water or beaches and stay away from ridges, exposed places, and isolated trees.

#### Hypothermia

Without adequate clothing and gear, an easy day hike or boat trip can turn

into a battle for survival. Exposure to wind, rain, or cold can result in hypothermia. This rapid loss of body heat can cause death if not treated. Early warning signs include shivering, slurred speech, memory lapses, drowsiness, and exhaustion. Cold water is a special hazard to anglers and boaters. Get into dry clothes and drink warm fluids at the first signs of hypothermia.

#### Stock Use

Horses are not allowed in front country campgrounds. All equine stock crossing a state line while in the park must have proof of a negative Coggins test dated within the last 12 months.

#### **Stream Crossings**

Fording a stream can be hazardous. Check at local ranger stations for current conditions.

#### **Falling Trees**

Avoid areas with large numbers of dead trees (snags), which may suddenly fall—especially on windy days.

#### **Trails**

Trail conditions are highly variable; check at a visitor center or backcountry office for current trail conditions.

Orange metal tags on trees and posts mark trails, but may be sparse in some areas. Off-trail travel is difficult because of the terrain and the number of downed trees. Carry a map and compass, and know how to use both.

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## Hiking & Fishing in Bear Country

Although the risk of an encounter with a bear is low, your safety is not guaranteed. Minimize your risks by following the guidelines below.

#### A Fed Bear Is a Dead Bear

Do not leave packs containing food unattended, even for a few minutes. Do not drop your pack if a bear is close by (see below). Allowing a bear to obtain human food even once often results in the bear becoming aggressive about obtaining such food in the future. Aggressive bears present a threat to human safety and eventually may be destroyed or removed from the park.

#### While Hiking

Make bears aware of your presence by making loud noises, shouting, or singing. Hike in groups, stay on maintained trails, and use caution if vision is obstructed. Do not hike after dark. Avoid carcasses; bears often defend this source of food.

#### If You Encounter a Bear

Do not approach and do not run. Bears can run 30 mph (48 kph), or 44 feet/second (13 m/second), which is faster than Olympic sprinters. Running may elicit an

attack from an otherwise non-aggressive bear. If the bear is unaware of you, keep out of sight and detour behind and downwind of the bear. If the bear is aware of you and is nearby but has not acted aggressively, slowly back away.

Do not drop your pack! This teaches bears a way to obtain human foods and often means the bear must be removed.

Tree climbing to avoid bears is popular advice, but not practical in many circumstances. All black bears, all grizzly cubs, and some adult grizzlies can climb trees. Plus, running to a tree may provoke an otherwise uncertain bear to chase you.

## If a Bear Approaches or Charges You

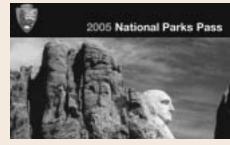
Do not run. Some bears will bluff their way out of a threatening situation by charging, then veering off or stopping abruptly at the last second. Bear experts generally recommend standing still until the bear stops and then slowly backing away. If you are attacked, try to lie on the ground completely flat on your stomach. Spread your legs and clasp your hands over the back of your neck. Do not drop your pack! It will protect your back.

## **About Bear Pepper Sprays**

Carrying bear pepper spray is a personal choice, not a requirement. If you decide to carry it, here are some things to remember:

- Use *bear* pepper spray. Personal self-defense pepper spray is not effective.
- ♦ The canister must be immediately available, not in your pack.
- ◆ It is effective only at distances of 10–30 feet and can be adversely affected by wind, cold temperatures, and age.
- ◆ Follow the manufacturer's instructions, know how to use the spray, and be aware of its limitations, including the expiration date.
- ◆ If you use the spray to stop a bear, leave the area immediately. The spray is effective for a short time and is less effective the second time.
- ♦ It is not a repellent. Don't spray it on people, tents, backpacks.
- Remember carrying pepper spray is not a substitute for vigilance and exercising good safety precautions.

#### Save On Park Entrance Fees



The National Parks Pass provides a way to save money when visiting national parks. For one annual fee of \$50, you can enter all National Park System areas. You receive a great value and you also support your favorite national parks. A full 70% of the proceeds from the sales of passes at Yellowstone will go directly

to projects that help visitors experience the area. The remaining proceeds go to a national fund that supports projects at any of the national parks in the system. To obtain your pass, stop by one of Yellowstone's entrance stations, or purchase the pass online at www.nationalparks.org or call toll-free:

1-888-GO-PARKS (1-888-467-2757). For an additional \$15, you can upgrade your National Park Pass to a Golden Eagle Pass, which provides admission to all national parks, national wildlife refuges, and other federal fee areas. (Neither pass is good for user or parking fees, such as at Mount Rushmore.)

Private, noncommercial automobile Individual motorcycle Single entry (foot, bike, ski, etc.)

Annual Pass, both parks
National Parks Pass

Golden Eagle Pass

Golden Age Pass

Golden Access Pass

\$20 (7 days, both Yellowstone and Grand Teton)

\$15 (7 days, both parks)

\$10 (7 days, both parks)

\$40 (valid one year from date of purchase) \$50 (valid one year from date of purchase for entrance fees at National Park Service areas)

\$65 (valid one year from date of purchase at most federal fee collection areas)

\$10 (one-time fee for lifetime pass—available to those citizens or permanent residents of the U.S. 62 years of age and older)

Free (available to those citizens or permanent residents of the U.S. who have been determined to be blind or permanently disabled)

Remember to keep your admission receipt to re-enter the park.

NPS Photo

# Old Faithful & Other Hot Topics

8 Autumn 2005

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Old Faithful (above) is a cone geyser, erupting in a narrow column; Great Fountain Geyser (right, in the Lower Geyser Basin) is a fountain geyser, erupting broadly and in several directions.

### **How Geysers Work**

Geysers are hot springs with narrow spaces in their plumbing, usually near the surface. These constrictions prevent water from circulating freely to the surface where heat would escape. The deepest circulating water can exceed the surface boiling point (199°F/93°C).

The surrounding pressure also increases with depth, much as it does with depth in the ocean. Increased pressure exerted by the enormous weight of the overlying rock and water prevents the water from vaporizing.

As the water rises, steam forms. Bubbling upward, steam expands as it nears the top of the water column until the bubbles are too large and numerous to pass freely through the constrictions. At a critical point, the confined bubbles actually lift the water above, causing the geyser to splash or overflow. This decreases pressure on the system, and violent boiling results. Tremendous amounts of steam force water out of the vent, and the eruption begins.

Water is expelled faster than it can enter the geyser's plumbing system, and the heat and pressure gradually decrease. The eruption stops when the water reservoir is exhausted or when the gas bubbles diminish enough to be able to rise without ejecting the water.

Many myths exist about Old Faithful, the world's most famous geyser (shown at left). The lists below can help you sort the facts from myths.

#### Myths

- No one can predict Old Faithful anymore.
- It is so predictable, you can set your watch by its eruption.
- It is the only predictable geyser.
- It is the most predictable geyser.
- It erupts every hour on the hour.
- Its eruption is not as high as it used to be.
- Its eruption lasts less time than it used to.
- Park rangers can control the eruption of Old Faithful.

#### **Facts**

- Its eruption length and height, and the time between eruptions varies from day to day and year to year.
- As of July 2005, the eruption lasts 1½ to 5 minutes; the usual interval between eruptions is 92 minutes.
- Old Faithful's height ranges from 106 feet to more than 180 feet, averaging 130 feet.
- ✓ Its average eruption length, height, and interval will change again—often as a result of an earthquake.
- ✓ 3,700 to 8,400 gallons of water are expelled per eruption, depending on the length of eruption.
- ✓ Just prior to eruption, water temperature at the vent is 204°F (95.6°C).
- ✓ It's one of more than 300 geysers in Yellowstone.
- Old Faithful is a cone geyser, a type of geyser that usually erupts in a narrow jet of water from a cone. Fountain geysers, such as Grand (also in the Upper Geyser Basin), generally shoot water out in various directions from a pool.

Geysers are dynamic and constantly evolving. They respond to small, natural changes in their plumbing systems, water temperature, dissolved gas and mineral content of thermal water, amount of water, amount of heat, changes in pressure, and other factors. Geysers are also affected by natural events in Yellowstone such as frequent earthquakes.

The average interval between Old Faithful's eruptions increased after the 1959 Hebgen Lake Earthquake, centered 12 miles northwest of the park's west entrance. It increased again after the 1983 Borah Peak Earthquake, centered in Idaho. In 1998, another small earthquake lengthened the interval again; later, a swarm of earthquakes further increased the interval.

Occasionally, waiting for Old Faithful's eruptions can stretch beyond the predicted time. Think of it this way: you've got time now to meet other visitors, read about the park, or take a much-needed rest. So relax and enjoy the time you spend with the world's most famous geyser.

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## Living in the Hot Water

Look closely at the runoff channels of the hot springs and geysers—you may see insects active in the hot water. They feed on thermophiles (heat-loving microorganisms) that thrive in the hot water. The mats and streamers you see are actually thermophile communities containing millions of organisms and many different species. Thermophiles cause many of the colors you see in Yellowstone's hydrothermal features; they are also key in creating mudpots.

hotos from NPS collections

Yellowstone National Park, its concessioners, and its partners are leaders in sustainable practices that keep Yellowstone clean and "green."

## **Environmentally-Sound Buildings**

The U.S. Green Building Council (USGBC), a building industry group, developed national standards for environmentally-sound buildings. Called LEED (Leadership in Energy and Environmental Design) Green Building Rating System®, these standards are being applied in new Yellowstone Park building projects such as the Old Faithful Visitor Education Center (illustration at right) and the West Entrance Station.

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The new **West Entrance Station** is being planned to be LEED certified. It features:

- Certified wood products
- ◆ Wood pellet boiler system
- Carbon monoxide sensors to activate ventilation in kiosks
- Recycled materials for finishes
- Automatic lighting sensors

The new **Old Faithful Visitor Education Center** (illustration above) is being planned to meet "Silver LEED Certification"—one of the first visitor centers in the National Park System to do so. Its features include:

- Exterior light pollution reduction
- High efficiency, low energy lighting
- Photovoltaic cells
- Natural ventilation
- Locally obtained materials
- Biodiesel refueling station
- Low-emitting materials
- Certified wood

#### Old Faithful Inn Renovation

Coming on the heels of its 100th Anniversary, the Old Faithful Inn is undergoing a major three-year renovation, which will enable guests and visitors to experience the hotel much as it was 100 years ago. The primary goal is preserving a treasured National Historic landmark and updating it to meet safety standards and provide more accessibility.

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## Annual Recycling

Every year Yellowstone National Park recycles:

- 207 tons of newspapers, office paper, and magazines
- ◆ 197 tons of aluminum/steel
- 97 tons of glass
- 6 tons of plastic containers
- 150 tons of cardboard
- ◆ 4,000 used tires
- ◆ 40% of the park's summer solid waste

Because the Inn sits in one of the country's most active seismic zones, it will be fitted with new structural steel components providing additional strength and resilience to the structure. They will be encased in wood/log sleeves to blend with the historic features. Steel reinforced concrete foundations will strengthen the existing stone foundations. The comprehensive infrastructure upgrade will also include new fire protection systems and upgraded mechanical, plumbing, and electrical systems.

The renovation is expected to be completed by fall of 2007. During this time, the Old Faithful Inn will have a shortened operating season. In 2005,

the Inn is scheduled to close Sunday, September 11. Please see page 15 for specific visitor services available in the area.

After the Inn closes to the public, it is a construction site and significant hazards exist. View the work from a safe distance, and do not enter the construction area. If you have questions about the project, please call 307-344-2013.

Right: Old Faithful Geyser viewers stand on a plastic boardwalk made from the equivalent of three million plastic milk jugs. Unilever Corporation has donated more than 60,000 square feet of 100% recycled plastic lumber for boardwalks and viewing areas in Yellowstone. graphic removed for faster loading

#### Clean & Efficient Travel

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Rangers use donated Toyota Prius hybrid cars when responding to traffic jams caused by bears and other wildlife.

- ◆ Toyota Motor Sales U.S.A. Inc. donated four Prius hybrid vehicles to Yellowstone National Park through the Yellowstone Park Foundation. The Prius hybrid (photo at left) combines a highly efficient gasoline engine with an electric motor that, when braking, captures energy to charge its batteries. The Prius has 90% lower emissions than the average car, better fuel efficiency, and runs quietly when using only the electric motor.
- The National Park Service, Montana Department of Environmental Quality, and the University of Idaho are taking advantage of Yellowstone's extremely cold winters to test alternative fuels in harsh conditions.
- Dodge Truck, Inc. donated a three-quarter ton 4x4 pickup to test 100% biodiesel fuel. It averages 17 miles per gallon with less smoke,

- hydrocarbons, nitrogen oxides, and carbon monoxides emitted in the exhaust.
- All diesel-powered vehicles used by park employees plus many used by concessioners use a 20% blend of industrial-grade vegetable oil and diesel.
- Yellowstone uses an ethanol blend in park vehicles and is the first national park to sell ethanol blended fuel to visitors at public service stations.
- More than 40 employees participate in a Ride-share program, commuting in a parksponsored bus.
- Park employees will soon be using energyefficient buses instead of multipassenger vehicles that use more fuel.

#### You Can Help Preserve and Protect Yellowstone

In our increasingly crowded and developed world, Yellowstone National Park provides a source of refuge and renewal for those who enter its quiet places. The park's magnificent wilderness areas offer a glimpse of what our continent was like when humans first gazed in wonder upon its steaming geysers, thundering waterfalls, and abundant wildlife. However, Yellowstone exists today only because generations who came before us understood its value and made its preservation a priority.

Because so many visitors who love Yellowstone want to help ensure that it stands wild and unimpaired for our future, two separate organizations have been established. The Yellowstone Park Foundation and the Yellowstone Association work in partnership with the National Park Service and each other to provide a means for visitors to contribute to Yellowstone's preservation. Please help us protect and preserve this national treasure. Your contribution to either organization will designate you as a true friend of Yellowstone; contributors of \$1,000 or more will have their names displayed on the park's Honor Wall at Old Faithful, receiving special recognition as stewards and benefactors of Yellowstone National Park. Yellowstone will exist tomorrow as one of America's most treasured places only if our generation understands its value and makes its preservation our priority.

## Yellowstone Park Foundation

Protecting the wonders & wildlife of Yellowstone National Park.

The Yellowstone Park Foundation was founded in 1996 to help address Yellowstone's growing needs and shrinking federal budgets.

The Foundation's mission is to fund projects and programs that protect, preserve, and enhance Yellowstone National Park, today and for future generations.

With the help of generous donations from individuals, foundations, and corporations, the Yellowstone Park Foundation has successfully funded more than 125 projects that directly enhance your visit to Yellowstone. Examples include wildlife conservation, trail reconstruction, and new educational exhibits.

But, there is so much more to do.

Now, more than ever, Yellowstone needs *your* help!

Please join us in protecting the wonders and wildlife of Yellowstone. With a donation of \$25 or more, you will become a Friend of Yellowstone.

Once you're a Friend of Yellowstone, you'll receive our semiannual newsletters and annual report, keeping you upto-date on how your contribution is making a difference.

You will also receive a static window decal, and you will be recognized in the Honor Book at Old Faithful for one year.



To become a Friend of Yellowstone, please complete and mail the coupon below. You can also donate online or learn more about the Yellowstone Park Foundation at:

www.ypf.org

YES! I Want to be a Friend of Yellowstone National Park.  Enclosed is my tax-deductible donation of:								
□\$25 □\$50 □\$100 □\$500 □\$1,000 □ Other								
NAME								
ADDRESS								
TELEPHONE E-MAIL								
□ Enclosed is my check. Please make check payable to the Yellowstone Park Foundation.								
□ Please charge my credit card (choose one):								
$\square$ MasterCard $\square$ Visa $\square$ Discover $\square$ AmEx $\square$ Diners Club								
CREDIT CARD NUMBER EXP. DATE								
$\hfill\Box$ I want to help, but do not want to receive a thank-you gift.								
Mail donations to: The Yellowstone Park Foundation 222 East Main St., Suite 301, Bozeman, MT 59715 • 406 586 6303								

SAVE 15% at our Park and get a FREE GIFT whe	Stores en you
JOIN "THE HERD"	
OR, IN THIS CASE "AN OBSTINACY" (See, you learned something new alread	<b>,</b> y)
Discover Yellowstone ~ Become a	Member  Photo: Cand Polich

LOWSTONE SOCIATION

www.YellowstoneAssociation.org

### Explore the Park with the Yellowstone Association Institute

The Institute is a nonprofit field school operated in partnership with the National Park Service. We provide visitors with outstanding opportunities to experience Yellowstone in a small group with an expert instructor. We offer four types of educational programs:

Lodging and Learning is an award-winning series of educational programs based at park hotels. Participants explore the park with an Institute naturalist and return to the hotels for lodging, meals, and evening programs. Winter Lodging & Learning programs include:

- Winter Wolf Discovery—two or three days learning about Yellowstone's charismatic wolves with an Institute naturalist.
- Winter Wildlife Expedition—two days learning about the abundant and varied wildlife of Yellowstone's Northern Range.
- Wonderland—five days exploring Yellowstone's winter environment including wildlife watching, skiing, snowshoeing, and interpretive snowcoach trips to Old Faithful and Canyon.
- Yellowstone on Skis—five days of interpretive ski tours exploring the geyser basins, the wildlife-rich northern range, and Yellowstone's Grand Canyon.

- Old Faithful Winter Adventure—four days exploring the Old Faithful area including skiing, snowshoeing, and an interpretive snowcoach trip to Canyon.
- Northern Yellowstone Adventure—three days of world-class skiing and wildlife watching in the park's northern range with a special snowcoach tour to Canyon.

Field Seminars are short courses that provide a closer look at specific subjects, from nature writing to wolf biology. College professors, research scientists, park staff, and other experts teach these programs. These one to three day courses are based at the Institute's Buffalo Ranch Field Campus in the Lamar Valley and throughout the park.

**Personal Ed-Ventures** are private natural history tours and hiking trips designed for families and other small groups. A flat fee of \$350 for up to seven people includes a full day of instruction plus in-park transportation and the use of professional spotting scopes.

To obtain information or register for a course, contact the Institute registrar at 307-344-2294 or registrar@YellowstoneAssociation.org. Complete information for all Institute programs is available online at www.YellowstoneAssociation.org.

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Yellowstone Association/Shirley Cope

11

#### Your Fee Dollars at Work



Yellowstone National Park participates in the Interagency Recreational Fee Demonstration Program. The program authorizes participating parks to keep 80% of the fees collected. These funds are used for

maintenance, repair projects, public service programs, signs, and natural and historical resource preservation. The remaining 20% of the revenue is generally distributed to parks that do not collect fees, but have similar needs, and to fund other servicewide initiatives.

#### Why have recreational use fees?

Managing public lands requires a major financial investment, which comes mostly from general tax revenues. Recreational use fees assure that actual users pay an increased share of operational costs, and these fees are applied to projects at the area where they were collected.

#### The Recreational Fee Program:

- Allows a significant portion of the fees collected at a public area to be spent directly on behalf of that area.
- Encourages each agency to develop fair and equitable fee collection programs, whether the public areas are large or small, urban or wilderness, natural or historical.
- Promotes the collection of fees where such fees can cover the cost of a new activity.
   In some cases, visitors will have to pay for activities that previously were free.

## Your Fee Dollars at Work in Yellowstone

- Replacement of boat launch ramps at Grant and Lewis lakes.
- Reconstruction of the Canyon Visitor Center, including new exhibits about the park's geology.
- Repair and replacement of signs and exhibits.
- Studies on pronghorn ecology and other wildlife and natural resources.
- Preservation of rare books, journals, and manuscripts.

## Yellowstone Open for Winter

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NPS Photo/Peaco

The National Park Service works with local governments and businesses, concessioners, conservation and other interest groups, industry, visitors, and the public to build a sustainable future for winter use while preserving park resources and providing high quality visitor experience. This year, winter operations are guided by a Temporary Winter Use Plan Environmental Assessment.

#### Goals of a Winter Use Plan

- Provide a high quality, safe, and educational winter experience for all visitors.
- Provide for visitor and employee health and safety.
- Preserve pristine air quality.
- Preserve natural soundscapes.
- Mitigate impacts to wildlife.
- Minimize adverse economic impacts to gateway communities.

#### The Future of Winter Use

The National Park Service (NPS) is preparing a long-term Winter Use Plan and Environmental Impact Statement (EIS) for Grand Teton and Yellowstone National Parks and the John D. Rockefeller, Jr. Memorial Parkway. The EIS will

consider alternatives for managing winter use, including limits on the number of snowmobiles entering the parks, guiding requirements (including allowing some unguided or non-commercially snowmobile guided use), and allowing only masstransit snowcoaches. It will also include alternatives with varying road segments left ungroomed for experimental purposes to address bison use of groomed roads. The EIS will evaluate the environmental effects of winter use on air quality and visibility, wildlife, natural soundscapes, employee and visitor health and safety, visitor experience, and socioeconomics.

A draft EIS is expected to released in the spring of 2006 for public review. The NPS intends to complete the EIS process and issue new regulations (if necessary) prior to the start of the 2007–2008 winter season.

For more information about winter use planning, go to www.nps.gov/yell/winteruse.htm.

#### **Enjoying Winter**

In a car You can drive from the North Entrance to Cooke city, MT, year-round. You will see spectacular scenery and probably pronghorn, elk, bison, and possibly wolves.

On skis or snowshoes You have many trails to choose from in the park. Information is available at visitor centers, warming huts, winter trailheads, and at www.nps.gov/yell.

In a snowcoach Enjoy the warmth and comfort of a snowcoach. You can book a trip with snowcoach operators listed at www.nps.gov/yell.

On a snowmobile You can book a snowmobile trip with a guide. A limited number of snowmobiles will be allowed in the park each day. Reservations ensure entrance on the days you prefer. A list of authorized commercial guides is at www.nps.gov/yell.

Staying in Yellowstone Xanterra Parks & Resorts provides winter lodging in the park. Visit www.TravelYellowstone.com or call 307-344-7311.

For more information

www.nps.gov/yell ◆ *Yellowstone Resources & Issues 2005* (sold in park bookstores or at www.YellowstoneAssociation.com) ◆ Xanterra Parks & Resorts: 307-344-7311, www.TravelYellowstone.com

#### YELLOWSTONE NATIONAL PARK

## Medical Services Guide 2005 Season





#### MEDICAL SERVICES AT YELLOWSTONE

#### Emergencies

Dial "911" or contact any National Park Service ranger within the park boundaries. Specially trained rangers provide rescue, emergency medical care, and ambulance service.

#### Medical Clinics

Medoor operates three urgent-care clinics within the park. The clinic at Mammoth is open year round, staffed by a board-certified physician and a team of experienced RN's. The clinics at Lake and Old Faithful are open seasonally (see below for schedules).

All of these clinics are open to the public and are staffed and equipped for most medical emergencies as well as for routine care. Services include injury and illness treatment, x-rays, and some lab and pharmacy services.

If in-patient care or advanced services are required, the clinic staff can stabilize patients and arrange for appropriate transfer to a hospital outside the park.



CLINIC	DATES	DAYS	HOURS		
Mammoth Open Year Round	January 1 – May 31	Monday - Friday Closed May 30	6:30 am - 5:00 pm; closed Fridays at 1 pm		
(307) 344-7965	June 1 - September 4	7 days a week Closed Sep. 5	8:30 am - 5:00 pm		
	September 6 – December 31	Monday - Friday Closed 11/24, 11/25 & 12/26	8:30 am - 5:00 pm; closed Fridays at 1 pm		
Lake Open Seasonally (307) 242-7241	May 19 - September 30	7 days a week.	8:30 am - 8:30 pm; On-call after hours through 911		
Old Faithful Open Seasonally (307) 545-7325	May 6 - May 19	Monday – Friday	8:30 am - 5:00 pm		
	May 20 - September 15	7 days a week	7:00 am - 7:00 pm; On-call after hours through 911		
	September 16 - October 23	Thursday - Monday	8:30 am - 5:00 pm		

#### Yellowstone Medical Providers

© 2005 Medcor, Inc All rights reserved.

#### National Park Service Rangers

Professionals trained in fire, rescue, emergency medicine, law enforcement, and wilderness operations, www.nps.gov

#### Medco

Medical staff, systems, software and services on-site and on-line across the country www.medcor.com

#### Eastern Idaho Regional Medical Center

Air ambulance, emergency medical direction, training, and trauma/specialty care from one of America's top 100 hospitals. www.eirmc.com

#### Stay Safe & Healthy at Yellowstone

Yellowstone is a large wilderness area with many natural hazards, including wild animals, scalding hydro-thermal features, freezing temperatures, blinding snow, thin ice, deep and running water, and high altitude. Please follow all national park regulations and commonsense precautions to stay safe and healthy while enjoying your visit to Yellowstone.

# YELLOWSTONE GENERAL STORES:

#### **Yellowstone General Stores**

Yellowstone General Stores (YGS) is a division of Delaware North Companies Parks and Resorts, a leading hospitality company managing concession operations in Yosemite National Park, Grand Canyon National Park, Sequoia National Park, and numerous other unique locations in North America. Yellowstone General Stores operates 12 general merchandise stores located throughout Yellowstone National Park.

YGS makes every attempt to cater to all of your needs while in Yellowstone National Park. Many YGS stores offer a book section that carries volumes about geothermal features, geology, Old Faithful, and the park itself, as well as themed postcards, posters, and other items that let you take away more than a memory. Personal memories can be preserved at photo centers, which offer film processing, digital card downloads, and photographic supplies for documenting your trip on film.

YGS' apparel departments provide numerous items bearing designs relating to the themes of the park. Guests can find articles to wear now or give later. Collectors will want to explore the wide spectrum of collectibles and novelties in our souvenir sections.

Campers can find everything needed for the evening's cookout to a snack for the road. YGS fountains provide a variety of foods to satisfy any wilderness hunger. Fisherman will find what fly is hot this week, or a great backpack for their next outing.

Visitors can enjoy a nice respite from travels. Settle down in sitting areas and relax with a nice cup of coffee and read about Yellowstone National Park. Visitors will find our staff to be very helpful in assisting with scenic stops or the latest wildlife sightings.

Yellowstone Adventures, previously known as Canyon Nature, is located in Canyon Village. Yellowstone Adventures offers all the latest in outdoor gear and apparel. Find the top brand gear to keep comfortable in Yellowstone's constantly changing weather.

Yellowstone General Stores is grateful for the opportunity to operate within the wonders of Yellowstone National Park, and feels an obligation to safeguard the beauty for future generations. Help us in walking the "GreenPath." Ask how when you visit any of Yellowstone General Stores locations and visit www.delawarenorthgreenpath.com.

Yellowstone General Stores was the first concessioner in Yellowstone National Park to:

- Introduce an Environmental Management System called GreenPath
- Attain ISO 14001 Registration
- Introduce hybrid vehicles
- Recycle plastic

YGS continues to walk the GreenPath, leading the way in Yellowstone National Park. Proudly, Yellowstone General Stores was awarded the NPS 2004 Environmental Achievement, Honorable Mention.

Looking toward the future, Yellowstone General Stores is excited to introduce Project 21, a corporate initiative designed to ensure a focus on corporate social responsibility and sustainability, and GuestPath, an industry leading guest service program.

To find out more about these programs, go to www.yellowstonegeneralstores.com



## 2004 Recycling by Yellowstone General Stores

Cardboard 149,000 pounds
Glass 41,800 pounds
Plastic #2 10,692 pounds
Plastic #1 7,146 pounds
Aluminum Cans 2,934 pounds

#### **IMPORTANT PHONE NUMBERS**

#### **EMERGENCY: 911**

Lodging, dining, camping, activities: 307-344-7311 or TDD 307-344-5395

Park Information: 307-344-7381

#### **Park Tip Line**

307-344-2132

Call the tip line to report a crime or criminal activity.

Leave as much detail as you can—who, what, where,
when. Leave your name and number, or you can remain
anonymous.

#### Use the card that protects the wonders and wildlife of Yellowstone!

- ♦ No annual fee
- Low introductory rate
- No balance transfer fees for six months
- Your choice of Visa Platinum, Travel Rewards Visa Platinum or Cash Rewards Visa Platinum
- Choose from four different designs



U.S. Bank contributes a percentage of every purchase to the Yellowstone Park Foundation to help fund projects that protect the wonders and wildlife of Yellowstone National Park.

Go to www.ypf.org or call 1-800-853-5576 (ext. 8301) to sign up for your Yellowstone Park Foundation Visa Platinum Card today!

U.S. Bank National Association ND is emiliter and issuer of the Yellowstone Park Foundation Visa Platinum Card

card photos by Tom Murphy

Make time for a visit to our neighbor to the south, Grand Teton National Park. This park offers spectacular scenery and its own campgrounds, exhibits, and activities. Consult the park newspaper, *Teewinot*, for complete information. Newspapers are available at Grand Teton visitor centers and entrance stations.

Campgrounds—First come, first served; camping fee is \$15 per night. Advanced reservations not accepted. Campgrounds fill to capacity during July and August. For current status of campgrounds, ask at entrance stations or visitor centers in Grand Teton National Park. Approximate filling times and operating dates are:

Jenny Lake is open to tents only. Other campgrounds accommodate tents, trailers, and recreational vehicles (30-foot restriction at Signal Mt.). All campgrounds have modern comfort stations, but none have utility hookups. The maximum length of stay is 7 days at Jenny Lake, 14 days at other campgrounds, 30 days total per year.

**Lodging**—Make your reservations directly, using these phone numbers:

Colter Bay Cabins & RV Park (May 27-Sept. 25)

800-628-9988

Dornan's Cabins (all year) 307-733-2522

Flagg Ranch Resort (May 15-Oct. 10)

307-543-2861 or 800-443-2311

Jackson Lake Lodge (May 23–Oct. 3) 800-628-9988 Jenny Lake Lodge (June 3–Oct. 9) 307-733-4647 Signal Mt. Lodge (May 7–Oct. 16) 800-672-6012

Lodging can also be found in communities surrounding Grand Teton.

#### Information—

Colter Bay Visitor Center & Indian Arts Museum— May 28–Sept. 5, 8 AM–7 PM; Sept. 6–Oct. 10, 8 AM–5PM. Information, audiovisual programs, permits, and publication sales. Phone: 307-739-3594.

Flagg Ranch Information Station—June 6–September 5,  $8:30\ \text{AM}-5\ \text{PM}.$ 

Jenny Lake Ranger Station—May 14–September 18. Backcountry permits and climbing information. Phone: 307-739-3343.

Jenny Lake Visitor Center—June 6–Sept. 5, 8 AM–7 PM, Sept. 6–Sept. 30, 8 AM–5 PM. Information, publication sales. Phone: 307-739-3392.

Moose Visitor Center—Open year-round, 8 AM-7 PM in summer, 8 AM-5 PM other seasons. Information, audiovisual programs, exhibits, permits, publication sales. Phone: 307-739-3399.

Telecommunications device for the deaf only (TDD): 307-739-3400.

**Medical Clinic**—Grand Teton Clinic, located near Jackson Lake Lodge. Daily, May 23–Oct. 3, 10 AM–6 PM. Call 307-543-2514 or after hours 307-733-8002.

Emergency: dial 911.

Hiking, sightseeing, boating, floating the Snake River, horseback riding, and fishing are available depending on seasonal conditions. Backcountry camping requires a free permit from the Moose or Colter Bay visitor centers or the Jenny Lake Ranger Station. Boating requires a Grand Teton boating permit, sold at visitor centers. A Wyoming fishing license is required to fish in Grand Teton National Park.

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For more information about Grand Teton National Park: call 307-739-3300 or visit the website, www.nps.gov/grte

#### **Area Communities**

Services are available in communities near Yellowstone. For information, contact these Chambers of Commerce:

Montana		Wyoming	
Big Sky	406-995-3000	Cody	800-393-2639
Billings	800-735-2635	Dubois	307-455-2556
Bozeman	800-228-4224	East Yellowstone/Wapit	i Valley
Cooke City-Silver Gate	406-838-2495		307-587-9595
Gardiner	406-848-7971	Jackson	307-733-3316
Livingston	406-222-0850	Idaho	
Red Lodge	888-281-0625	Idaho Falls	866-365-6943
West Yellowstone	406-646-7701	Eastern Idaho Visitor In	formation Center
			800-634-3246

## **Nearby Public Lands**

Big Hole National Battlefield 406-689-3155 Bighorn Canyon National Recreation Area 406-666-2412

Bridger-Teton National Forest 307-739-5500

Caribou-Targhee National Forest

208-624-3151

Gallatin National Forest 406-587-6701 Glacier National Park 406-888-7800 Grant-Kohrs Ranch National Historic Site

storic Site 406-846-3388

Little Bighorn Battlefield National Monument 406-638-2621 Shoshone National Forest 307-527-6241 Virginia City National Historic Site

406-843-5247

## "The ballet of fire and ice

begins with a whisper. A trickle of water.

A wisp of steam. Bison huddled like frosty boulders nearby seem unimpressed. We are mesmerized by every gurgle as the performance builds to a crescendo. Soon thundering plumes play leapfrog in the air, turning the blue sky as white as the landscape. When the last puffs drift away, we do too. Inside the lodge for a hearty meal before our next adventure in this winter wonderland. \*\*9\*

# YELLOWSTONE NATIONAL PARK LODGES Operated by **Xanterra** Parks & Resorts®

BEAUTIFUL PLACES ON EARTH.®
WWW.XANTERRA.COM

## LODGING & LEARNING PACKAGES

Yellowstone on Skis
Wonderland
Winter Wolf Discovery
Winter Wildlife Discovery
Old Faithful Winter Adventure
Northern Yellowstone Adventure

## WINTER GETAWAY PACKAGES

Guided Snowmo-deal Nordic Heaven • Frosty Fun

Yellowstone. Don't just see it, experience it.

For information or reservations visit www.TravelYellowstone.com or call 307-344-7311 today.

Xanterra Parks & Resorts is an authorized concessioner of the National Park Service.

#### XANTERRA'S ENVIRONMENTAL ACHIEVEMENTS KEEP ROLLING IN

We at Xanterra Parks & Resorts have always been serious about protecting the environment. After all, we live and work in one of the most beautiful places on Earth, and we think it is our responsibility to leave this place as good as – or preferably, better than – the way we found it. But when we decided to step up our efforts by first taking a look at what we were already doing, a funny thing happened – we realized we not only had already taken some serious positive steps, but we could actually measure the success of our sustainability programs.

And we feel it is important that whenever a visitor to Yellowstone or other Xanterra locations steps into a hotel or restaurant, that guest knows we are doing everything we can do to be sustainable. And if we're lucky, that guest leaves with a few ideas of how to be more sustainable at home.

By putting our best minds together, we've created some innovative programs that will make a real difference. And we're so proud of them, we'd like to share them with you.

In just the last couple of years, we committed to an absolute reduction in greenhouse gas emissions (we're the first hospitality company and eighth company worldwide to do this); published a report documenting the results of our environmental programs so we can see what we're doing well and where we need to improve; stopped serving certain kinds of seafood because of environmentally harmful harvesting practices, and worked with the Marine Stewardship Council to certify our salmon is from sustainable fisheries; increased our fleet's fuel efficiency; started using ethanol and biodiesel in our operations; and became the first concessions company in any national park to receive certification for building sustainable employee housing.

In 2005 alone, we've received environmental awards from the National Park Service, American Hotel & Lodging Association, and the Hospitality Sales and Marketing Association.

While some companies "talk green" but don't "walk green," we at Xanterra continue to take responsibility and demonstrate significant actions to preserve and protect "Beautiful Places on Earth" like Yellowstone National Park. We invite you to join us by doing what you can to be a good environmental steward, and we welcome your comments and suggestions.

# Visitors' Guide to Accessible Features in Yellowstone National Park

Yellowstone National Park is improving accessibility for all visitors. Most vault toilets in the picnic areas and campgrounds are accessible. Some self-guiding boardwalk trails, picnic tables, campground sites, fishing areas, and backcountry campsites are also accessible.

For more details, ask for the *Visitor's Guide to Wheelchair Accessible Features in Yellowstone National Park*, available free at all entrance stations, visitor centers, and on the park's website.

For more information:

Park Accessibility Coordinator

P.O. Box 168, Yellowstone National Park, WY 82190

307-344-2017

TDD only (Telecommunications Device for the Deaf)

307 - 344 - 2386

www.nps.gov/yell

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Yellowstone Park Service Stations has been serving Yellowstone visitors since 1947. We offer quality petroleum products at seven service stations located throughout Yellowstone. See page 15 for dates of operation for YPSS stations.

Tires • Batteries • Automobile Accessories • Snacks • Drinks • Ice

LP Gas is available at Fishing Bridge and Grant Village. Towing and repair services are available at Old Faithful, Grant Village, Fishing Bridge, and Canyon.

Conoco, Master Card, Visa, Discover, and American Express credit cards are accepted.

# YPSS Celebrates Yellowstone Explorers of Yesteryear and Today

One of the most interesting visitors to the Yellowstone area in 1865 was Father Francis Xavier Kuppens, a Belgian priest of the Jesuit Order, who offered this recollection 32 years later:

About the years 1865-66 I was stationed at the old Mission of St. Peter's on the Missouri River near the mouth of Sun River. A great part of that winter and spring I spent with the Pigeon [Piegan] Indians roaming from place to place south . . . It was while leading this nomad life that I first heard of the Yellowstone. Many an evening in the tent of Baptiste Champagne or Chief Big Lake the conversation, what little there was of it, turned on the beauties of that wonderful spot. I do not know that the narrator always adhered strictly to facts, but making allowance for fervid imagination there was

sufficient in the tale to excite my curiosity and awaken in me a strong desire to see for myself this enchanted if not enchanting land. In the spring with a small party of Indians hunting buffalo, I persuaded a few young men to show me the wonderland of which they had talked so much. Thus I got my first sight of the Yellowstone. I shall not attempt to describe it, that has been done by many abler pens than mine; but you may be sure that before leaving I saw the chief attraction—the Grand Cañon, hot and cold geysers, variegated layers of rock, the Fire Hole, etc. I was very much impressed with the wild grandeur of the scenery.

May your wanderings in and reflections of Yellowstone bring you the simple peace and lasting memories experienced and recorded by Father Kuppens.

		Bridge Bay	Canyon Village	Fishing Bridge	Grant Village	Lake Village	Mammoth Hot Springs	Old Faithful	Tower/ Roosevelt
$\oplus$	Medical clinic					May 19–Sept. 30 See page 12.	Year-round See page 12.	May 6–Oct. 23 See page 12.	
ñ	Service station snacks, drinks, ice		Gas: May 6-Oct. 16 Repairs: May 27-Sept. 5 Wrecker: May 20-Oct. 16	Gas: May 20-Sept. 12 Repairs: May 27-Sept. 5 Wrecker: May 27-Sept. 5 Propane service available	Gas: May 20-Sept. 12 Repairs: May 27-Sept. 5 Wrecker: May 27-Sept. 5 Propane service available	oce page 1s.	May 6-Oct. 10	Lower: June 3–Sept. 11 Upper: April 22–Nov. 6 Wrecker: May 20–Oct. 16 Repairs: May 27–Aug. 22	June 10–Sept. 5
	General Store: grocery, restaurant, ice cream, souvenirs, camping & fishing gear		May 20-Sept. 28 (also has ATM, espresso, jewelry)	May 16-Oct. 2 (also has ATM, photo processing, jewelry)	May 27–Sept. 25 (also has ATM, jewelry)	May 23-Oct. 3	Year-round (no restaurant)	Lower: June 3-Sept. 11 Upper: May 6-Oct. 16 (also photo processing)	Tower May 24–Sept. 18 (no restaurant)
-10	Outdoor recreation goods, snacks, souvenirs, fast food	May 28–Sept. 11	Yellowstone Adventures Apr. 22–Oct. 23						
.le	Mini Store: groceries, souvenirs, some camping & fishing gear			RV Park May 20-Oct. 2	May 16-Oct. 2				Roosevelt June 10–Sept. 5
.le	Gift shop (in lodging facilities)		Canyon Lodge June 3-Sept. 18		Grant Village May 27-Oct. 2	Lake Yellowstone Hotel May 20-Oct. 10	Mammoth Hot Springs Hotel May 6-Oct. 16	Old Faithful Inn July 1-Sept. 11 Old Faithful Snow Lodge April 22-Nov. 6 Old Faithful Lodge May 6-Oct. 2	Roosevelt Lodge June 10–Sept. 5
-	Hotel		Canyon Lodge June 3–Sept. 18		Grant Village May 27-Oct. 2	Lake Yellowstone Hotel May 20–Oct. 10	Mammoth Hot Springs Hotel May 13–Oct. 16	Old Faithful Inn July 1-Sept. 11 Old Faithful Snow Lodge May 6-Oct. 23	Roosevelt Lodge June 10–Sept. 5
	Cabins		Canyon Lodge June 3–Sept. 18			Lake Lodge June 10-Sept. 25 Lake Yell. Hotel May 20-Oct. 10	Mammoth Hot Springs Hotel May 13-Oct. 16	Old Faithful Lodge May 6-Oct. 2 Old Faithful Snow Lodge May 6-Oct. 23	Roosevelt Lodge June 10–Sept. 5
<b>(1)</b>	Restaurant (see also General Store)		Canyon Lodge June 3–Sept. 18 Canyon Lodge June 3–Sept. 5		Grant Village May 27-Oct. 2 Lake House at Grant May 27-Sept. 25	Lake Yellowstone Hotel May 20-Oct. 10 Lake Lodge June 10-Sept. 25	Mammoth Hot Springs Hotel May 13–Oct. 16	Old Faithful Inn July 1-Sept. 11 Old Faithful Snow Lodge May 6-Oct. 23 Old Faithful Lodge	Roosevelt Lodge June 10–Sept. 5 Old West Cookout June 11–Sept. 4
(1)	Snacks, light meals, fast food (see also stores)		Picnic Shop June 3–Sept. 18			Lake Yellowstone Hotel Deli: May 20–Oct. 10	Terrace Grill May 13–Oct. 16	May 6-Oct. 2  Old Faithful Inn, Bear Paw Snack Shop July 1-Sept. 11 Old Faithful Snow Lodge, Geyser Grill April 22-Nov. 6 Old Faithful Lodge Bake Shop May 6-Oct. 2	
Δ	Campground Details on p. 6	May 27-Sept. 18	June 10–Sept. 11 (showers & laundry)	RV Park (hard-sided units; showers & laundry) 5/20–10/2	June 21–Oct. 2 (showers & laundry)		All year	nearest: Madison May 6–Oct. 30	Tower May 20–Sept. 26
	Showers		At campground	At RV park	At campground		Mammoth Hot Springs Hotel May 13–Oct. 16	Old Faithful Lodge May 6–Oct. 2	Roosevelt Lodge June 10–Sept. 5
Û	Marina & boat tours	Dock rental May 27–Sept. 18					,		
<b>M</b>	Trail rides		June 18-Sept. 3				May 13–Sept. 18		June 10–Sept. 4 Trail & Stagecoach
	Recycling available	At marina	At campground	At general store	At campground		At campground		Near service station

ATM 24-hour cash available at Yellowstone General Stores at Canyon, Fishing Bridge, Grant, Mammoth, and Old Faithful Basin Upper; and at Canyon Lodge, Lake Yellowstone Hotel, Mammoth Hot Springs Hotel, Old Faithful Inn, and Old Faithful Snow Lodge. CIRRUS and PLUS network.

Backcountry Tours List of certified outfitters available from Visitor Services, P.O. Box 168, Yellowstone National Park, WY 82190, at www.nps.gov/yell, or by calling the National Park Service at 307-344-7381.

Diesel Fuel Available at all service stations except at Old

Faithful Upper and Tower.

**Guided Tours** The Yellowstone Association Institute and Xanterra Parks & Resorts offer guided tours throughout the park. See pages 11 & 14.

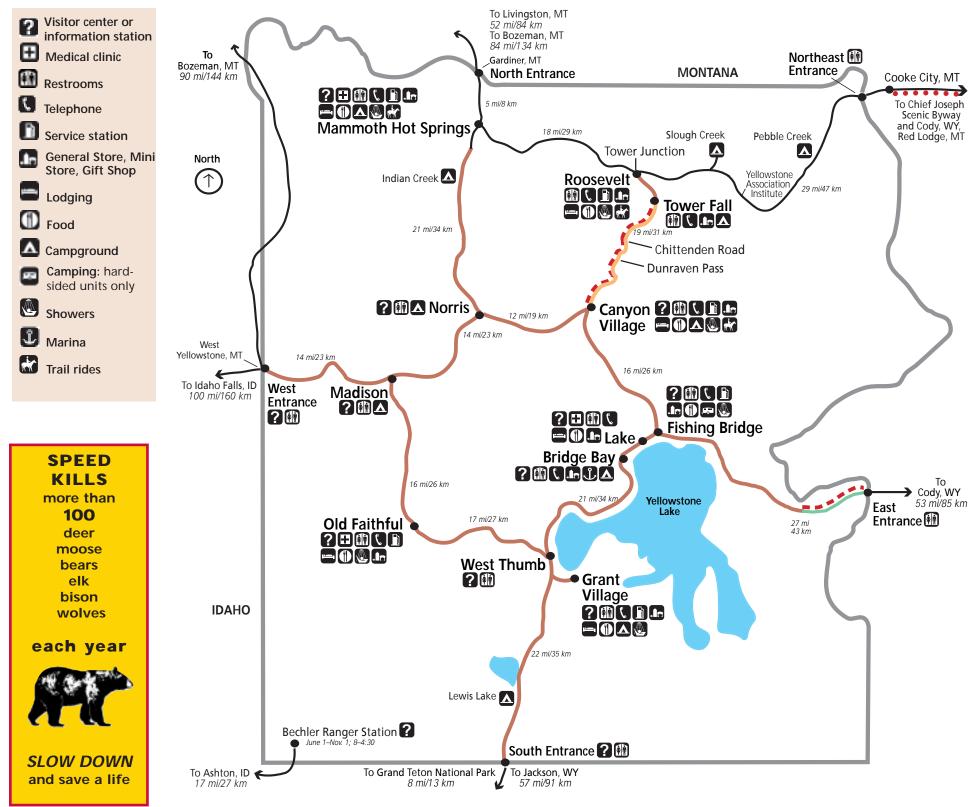
Reservations For lodging, dining, camping, and activity reservations, call Xanterra Parks & Resorts®, 307-344-7311 or TDD 307-344-5395. You can also make reservations at any lodging front desk or activities desk.

\*Dinner reservations required at Grant Village Restaurant, Lake Yellowstone Hotel Dining Room, Old Faithful Inn Dining Room. Worship Services Worship services take place in the park and in communities adjacent to the park, and include most major denominations and interdenominational services during the summer months. Schedules available on bulletin boards at campgrounds and visitor centers.

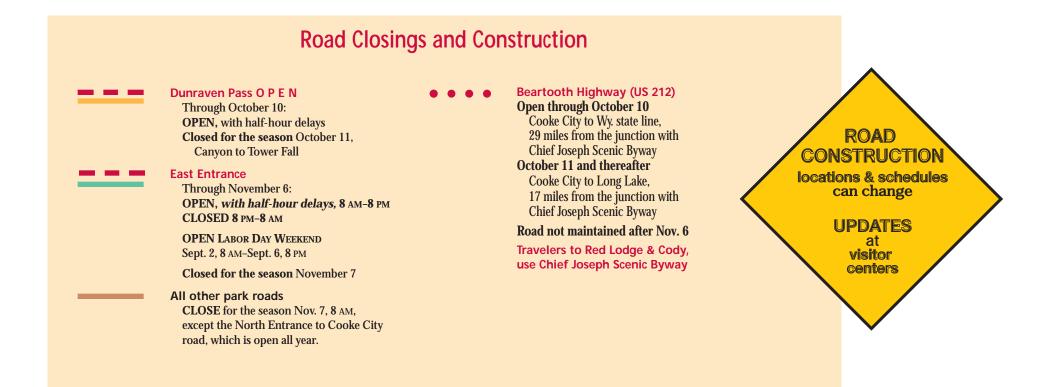


What You Can Recycle in Yellowstone: glass, cans, paper, cardboard, plastic bottles with narrow necks, office paper, magazines. See last line of chart above for most locations.

# YELLOWSTONE



Detailed information about services on page 15.



www.nps.gov/yell • www.YellowstoneAssociation.org • www.TravelYellowstone.com



This map is courtesy of ConocoPhillips—providing petroleum products since 1917  $\dots$ 

All service stations in Yellowstone offer environmentally sensitive fuels, specially formulated by ConocoPhillips to reduce hydrocarbon emissions and decrease other pollution-related problems.