

# YELLOWSTONE Today



Autumn 2010

Official Newspaper of Yellowstone National Park

National Park Service  
U.S. Department of the Interior



NPS/Peaco

## Opening August 25: *The Old Faithful Visitor Education Center!*

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### SPECIAL SECTION

Old Faithful Visitor Education Center

This new facility is the result of a partnership between the National Park Service (NPS) and the Yellowstone Park Foundation. Yellowstone National Park's official fundraising partner, the Yellowstone Park Foundation raised \$15 million of the \$27 million needed for construction of the facility. The remaining \$12 million was provided by the NPS's Line Item Construction fund. The Old Faithful Visitor Education Center is the first facility in Yellowstone to achieve Gold LEED certification (Leadership in Energy and Environmental Design), and one of the few facilities to achieve this distinction in the entire National Park System. Its warm and welcoming design invites visitors of all ages inside to learn about the extraordinary hydrothermal features of Yellowstone National Park. You will also be introduced to the fascinating story of life in extreme environments and learn about the underlying volcanic activity that reveals itself through these spectacular natural wonders.



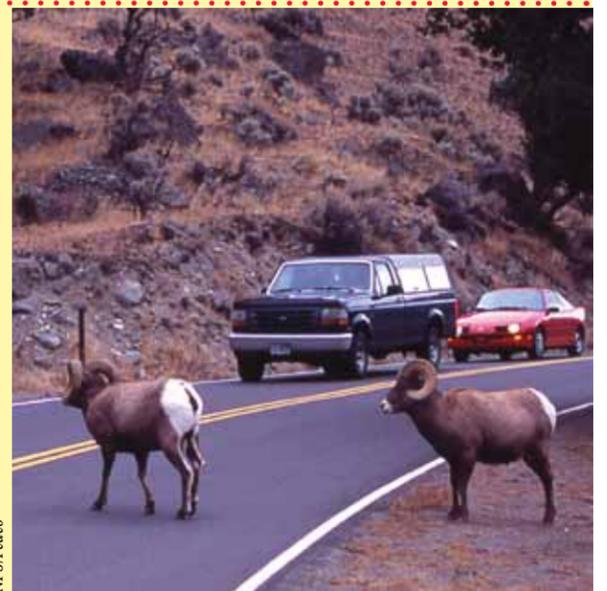
### SPEED KILLS

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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# Stay Safe

## IN HYDROTHERMAL AREAS

Beautiful but deadly: Yellowstone's hydrothermal features can kill you. Water is frequently near or above boiling; 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.
- ◆ Avoid burns & disease: don't expose your head to thermal water by immersion, splashing, touching your face, or inhaling steam. Thermal water can harbor organisms that cause fatal meningitis or Legionnaires' disease.
- ◆ Dangerous levels of hydrogen sulfide and carbon dioxide have been measured in some hydrothermal areas. If you feel sick, leave the location immediately.

## AROUND WILDLIFE

Wild animals are dangerous. To protect yourself and wildlife, follow these guidelines at all times:

- ◆ You must stay at least 100 yards (91 m) away from bears and wolves, and at least 25 yards (23 m) away from all other animals—including bison, elk, bighorn sheep, deer, moose, and coyotes.
- ◆ Park in established turnouts and make sure your car is completely off the paved roadway. Put your vehicle into park, and engage your parking brake.
- ◆ If you exit your vehicle, stay near it so you can get inside if the animal approaches.
- ◆ Do not stand in the road to view or photograph wildlife—you could be injured or killed by other drivers.
- ◆ Never surround, crowd, approach, or follow wildlife.
- ◆ Do not block an animal's path.
- ◆ Do not run or make sudden movements—this may cause animals to attack.
- ◆ If other people in the area are putting you in danger, leave the scene and notify a park ranger.
- ◆ Never feed wildlife, including birds.

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

**BEARS** live throughout the park. Be alert for tracks, do not approach carcasses, and avoid surprising bears. 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 on it. See also "Food Regulations," at right, and "Bear Country Tips," page 7.

## MORE SAFETY TIPS

**Falling Trees** Avoid areas with dead trees; they may suddenly fall, especially on windy days.

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

**Stream Crossings** Check at local ranger stations for stream conditions.

**Swimming** Most park streams, rivers, and lakes are extremely cold; swim at your own risk. Swimming in hydrothermal features is illegal.

**Theft** Lock your vehicle; keep valuables hidden; label 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 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.

**Weather** Yellowstone's weather is unpredictable. A sunny warm day may become stormy and sometimes snowy. Lightning is common; get off water or beaches and away from ridges, exposed places, and isolated trees.

**All Hazards NOAA Weather Radio** If you have a weather radio receiver, tune to 162.425MHz (Mammoth area) or 162.450 MHz (Lake area) to receive hazardous weather alerts, or go to [www.crh.noaa.gov/riw/nwr/](http://www.crh.noaa.gov/riw/nwr/).

# Stay Legal

## 25

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

## 100

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

## 45

= the maximum speed limit in the park unless otherwise posted

## 911

= the number to call in an emergency

## FIREARMS

As of February 22, 2010, a new federal law allows people who can legally possess firearms under applicable federal, state, and local laws to legally possess firearms in Yellowstone National Park. It is your responsibility to understand and comply with those laws. Federal law still prohibits firearms in certain facilities in this park (such as visitor centers, government offices, etc.); those places are marked with signs at all public entrances. For more information, go to [www.nps.gov/yell/parkmgmt/lawsandpolicies.htm](http://www.nps.gov/yell/parkmgmt/lawsandpolicies.htm).

## THESE ACTIONS ARE ILLEGAL

- ◆ Speeding (radar enforced). All roads within the park are posted at 45 mph or slower, except for a portion of U.S. 191.
- ◆ Driving while intoxicated (open container law enforced).
- ◆ Leaving detachable side mirrors attached when not pulling trailers.
- ◆ Traveling off-road by vehicle or bicycle. (Bicycling rules and riding locations are listed in a free brochure at visitor centers.)
- ◆ Improperly storing food—at any time, under any circumstances (see below).
- ◆ Fishing, boating, or using a float tube without a permit (see p. 6).
- ◆ Violating camping regulations & rules (see p. 6).
- ◆ Camping outside of designated camping areas (see p. 6).
- ◆ Camping in the backcountry without a permit (see p. 7).
- ◆ Driving or riding in a vehicle without your seatbelt fastened. Each vehicle occupant must have a safety belt or child restraint system fastened when the vehicle is in motion.
- ◆ Having pets off leash or on trails and boardwalks. Pets are prohibited on all trails, in the backcountry, and in hydrothermal basins. Where allowed, pets must be leashed and must remain within 100 feet (30 m) of a road or parking area. Do not leave a pet unattended or tied to an object. Boarding facilities are available outside the park.
- ◆ Littering.
- ◆ Throwing anything into thermal features.
- ◆ Swimming in hydrothermal pools. (See above left.)
- ◆ Diving or jumping off cliffs in the Firehole swim area on Firehole Canyon Drive.
- ◆ Traveling off boardwalks or designated trails in hydrothermal areas.
- ◆ Removing or possessing natural (antlers, rocks, etc.) or cultural (arrowheads, etc.) features.
- ◆ Spotlighting (viewing with artificial light) elk, deer, or other animals.
- ◆ Imitating elk calls or using buglers; imitating wolf howls.
- ◆ Using electronic equipment capable of tracking wildlife.
- ◆ Willfully remaining near or approaching wildlife, including birds, within ANY distance that disturbs or displaces the animal.

## FOOD REGULATIONS

These items—new, clean, dirty, empty, or full—may not be left outside, on picnic tables, in tents or tent trailers, in the back of pickups, or unattended in any location, 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

- ◆ Never feed wildlife, including birds.
- ◆ Liquid or gas fuel stoves or self-contained charcoal grills may be used for cooking at all picnic areas (shown on the National Park Service Official Map and Guide; those with fire grates are listed in a handout available at visitor centers).
- ◆ Campfires are allowed only in established fire pits in campgrounds, picnic areas, and a few designated backcountry campsites.

**COYOTES & WOLVES** quickly learn habits like roadside begging. This may lead to aggressive behavior toward humans and can increase the risk of the animal being hit by a vehicle or destroyed by management. Do not feed them.

# Plan Your Visit

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**National Park Service rangers answer questions and help you make the most of your Yellowstone experience.**

## Albright Visitor Center, Mammoth Hot Springs

Open daily, year-round, except *Veteran's Day* (Nov. 11) & *Thanksgiving* (Nov. 25)  
Through Sept. 30: 8 AM–7 PM  
Oct. 1 through winter: 9 AM–5 PM

Exhibits on wildlife and history; films on Yellowstone and the national park idea. Information & bookstore. Call 307-344-2263.

## Canyon Visitor Education Center

Open daily through Oct. 17, then closed.  
Through Sept. 30: 8 AM–8 PM  
Oct. 1–Oct. 17: 9 AM–5 PM

Interactive exhibits about Yellowstone's supervolcano and other aspects of its geology; film about Yellowstone's geology. Information & bookstore. Call 307-344-2550.

## Fishing Bridge Visitor Center

Open daily through Sept. 30, then closed.  
8 AM–7 PM

Exhibits on the park's birds, other wildlife, and lake geology. Information & bookstore. Call 307-344-2450.

## Grant Visitor Center

Open daily through Sept. 30, then closed.  
8 AM–7 PM

Exhibits & video on the role of fire in Yellowstone. Information & bookstore. Call 307-344-2650.

## Madison Information Station

Open daily through Sept. 30, then closed.  
9 AM–6 PM

Information & bookstore. Call 307-344-2821.

## Junior Ranger Station (at Madison Information Station)

Open daily through Aug. 30, then closed.  
9 AM–6 PM

See page 4 for more information about Junior Rangers.

## Museum of the National Park Ranger, Norris

Open daily through Sept. 26, then closed.  
9 AM–5 PM

Exhibits & video at the historic soldier station trace development of the park ranger profession from its roots in the U.S. Army. Chat with former National Park Service employees volunteering here.

## Norris Geyser Basin Museum & Information Station

Open daily through Sept. 30, then closed.  
9 AM–6 PM

Exhibits on the hydrothermal features of Yellowstone. Information & bookstore. Call 307-344-2812.

## NEW! Opening August 25th

### Old Faithful Visitor Education Center

Open daily through Nov. 7.  
Through Sept. 30: 8 AM–8 PM  
Oct. 1–Nov. 7: 9 AM–5 PM

Reopens mid-December for winter season.

Dynamic exhibits for all ages about hydrothermal features. Geyser eruption predictions. Information & bookstore. Call 307-344-2750. *Old Faithful eruption predictions: 307-344-2751, during visitor center hours.*

### West Thumb Information Center

Open daily through Sept. 30, then closed.  
9 AM–5 PM

Information & bookstore.

### West Yellowstone Visitor Information Center

Through Sept. 6: 8 AM–8 PM  
Sept. 7–Nov. 7: 8 AM–4 PM

Information, publications. Call 307-344-2876.

West Yellowstone Chamber of Commerce staff available year-round. Call 406-646-7701.

Daily, through Sept. 30: 8 AM–8 PM

Weekdays, Oct. 1 & thereafter: 8 AM–5 PM

## Self-guiding Trails

*Stretch your legs on these self-guiding trails. Most have exhibits and a trail guide, available for 50¢ at the trails and at visitor centers.*

**Canyon Area** View the colorful Grand Canyon of the Yellowstone River and the Upper and Lower Falls from overlooks and walkways.

**Forces of the Northern Range** Exhibits describe how volcanoes, glaciers, and fire shaped the landscape here, 8 miles (12.9 km) east of Mammoth Hot Springs, and also help identify the area's plants and animals.

**Fort Yellowstone** Enjoy a walking tour of this historic site at Mammoth Hot Springs, from the time of U.S. Army management (1886–1918).

**Fountain Paint Pot** View the four types of hydrothermal features—geysers, hot springs, fumaroles, and mudpots—in one place! Eight miles (12.9 km) north of Old Faithful.

**Mammoth Hot Springs** Walk through ever-changing travertine terraces and enjoy a scenic drive through the Upper Terraces.

**Mud Volcano Area** Discover turbulent and explosive mudpots, including Mud Volcano and Dragon's Mouth. Located 6 miles (9.6 km) north of Fishing Bridge Junction.

**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 Area** The world's largest concentration of active geysers is here. View Old Faithful Geyser then walk trails past hundreds of geysers and hot springs.

**New! Old Faithful Historic District** Enjoy a walking tour of this historic district, which includes Old Faithful Geyser, the Inn and other distinctive buildings.

**West Thumb Geyser Basin** The boiling springs in this basin, including the famous Fishing Cone, discharge their waters into chilly Yellowstone Lake.

## Stay Connected With Yellowstone Online



At home or on the road, you can explore Yellowstone online. Yellowstone National Park has been posting programs for more than a decade that bring the park to you—wherever you are. Stay connected and find new features at [www.nps.gov/yell](http://www.nps.gov/yell), such as . . .

### Old Faithful Virtual Visitor Center

The OFVCC is for explorers of all ages, from young children to their great grandparents. Begin your online visit with a flyover of Yellowstone National Park that lands you beside Old Faithful Geyser. Click a button to zoom into the lobby, where dozens of explorations await you. Watch

animations of a geyser eruption, volcano eruption, travertine terrace growth, and microbial mats color changes. You'll find maps, too, along with links to other online resources.

### Videos & Podcasts

Plan your visit, customize your guide to the park, or learn more about Yellowstone's attractions and treasures through videos at [www.nps.gov/yell](http://www.nps.gov/yell) or podcasts free from iTunes. Popular features include:

**Visiting Yellowstone** A series of orientation videos that include traveling with pets, hiking and backpacking, traveling with kids, walks and day hikes, water-related rules and safety, and bicycling in Yellowstone.

**Exploring Yellowstone** Park Ranger Orville Bach takes you on a tour of the Upper Geyser Basin, home to Old Faithful Geyser.

**Watch Land to Life** Yellowstone's new film on how extreme geologic forces create a unique landscape that supports an abundance of life.

**Inside Yellowstone** Nearly 100 videos of very short ranger talks on park features and processes.

**Yellowstone InDepth** Major park questions and issues are discussed by park rangers, scientists, historians, and park visitors.

Funding provided by the Yellowstone Association and the Yellowstone Park Foundation.

### Electronic Field Trips

Especially for middle school students & teachers: Take one of a dozen free electronic field trips. They are also at [www.WindowsIntoWonderland.org](http://www.WindowsIntoWonderland.org). Funding provided by donations from the Yellowstone Park Foundation.

### Webcams

Stay connected to Yellowstone's dynamic landscape through webcams located at Old Faithful, Mammoth Hot Springs, and the Mount Washburn Fire Lookout: [www.nps.gov/yell/photosmulti-media/webcams.htm](http://www.nps.gov/yell/photosmulti-media/webcams.htm). The Old Faithful live-

**Road, service, & program schedules can change. Always check locally for updates!**

# Ranger-Led Programs

4 Available through September 30

|  | Sun.   | Mon.   | Tues.   | Weds.   | Thurs.  | Fri.   | Sat.   |
|--|--|--|---|---|---|--|--|
| <b>Canyon Village</b>  |  |  |   |   |   |  |  |
| <b>Artist Point Talk</b> <i>September 7-30</i><br>Enjoy the Upper Falls, Yellowstone River, and the spectacular colors of the canyon from this classic viewpoint, while learning about the area's geology, ecology, or history. Meet a ranger on the Lower Deck of the Artist Point overlook off the South Rim Drive for this short talk. ♻️ 10-15 minutes   | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/12-9/26 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/13-9/27 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/7-9/28 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/8-9/29 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/9-9/30 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/10-9/24 | 10 AM<br>10:20 AM<br>10:40 AM<br>2 PM<br>2:20 PM<br>2:40 PM<br>9/11-9/25 |
| <b>Walking the Edge</b> <i>September 7-30</i><br>Enjoy learning about the ecology, geology, and history of the canyon while walking along the South Rim Trail with a ranger. Gain stunning views of the Yellowstone River, Upper and Lower Falls, and the gorgeous colors of the canyon walls. Meet a park ranger at the parking area for <b>Uncle Tom's Point</b> on the South Rim Drive (road to Artist Point) for this easy walk of approximately 1 mile. 1½ hours                                    | 3 PM<br>9/12-9/26  | 3 PM<br>9/13-9/27  | 3 PM<br>9/7-9/28  | 3 PM<br>9/8-9/29  | 3 PM<br>9/9-9/30  | 3 PM<br>9/10-9/24  | 3 PM<br>9/11-9/25  |
| <b>Canyon Evening Program</b> <i>September 10-25</i><br>Join a park ranger for an illustrated program and learn more about some aspect of Yellowstone's natural or cultural history. Inquire locally on bulletin boards and at the Canyon Visitor Education Center for program titles and descriptions. Meet at the <b>Canyon Visitor Education Center</b> . ♻️ 45 minutes   | 9 PM<br>9/12-9/19  |  |   |   |   | 9 PM<br>9/10-9/24  | 9 PM<br>9/11-9/25  |
| <b>Fishing Bridge &amp; Lake Village</b>   |  |  |   |   |   |  |  |
| <b>Lake Scenic Cruise</b> <i>September 7-12</i><br>Join a park ranger on a narrated boat tour on the ethereal water of Yellowstone Lake, with views of the wondrous Absaroka Mountains, historic Lake Hotel & Village, surrounding lodgepole pine forest, and other spectacular sights. <b>Reservations required in advance through Xanterra Parks and Resorts.</b> Call 307-344-7311 or stop by the Bridge Bay Marina (\$15.55 for adults, \$9.82 for kids ages 3-11, free for kids under 3). ♻️ 1 hour | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/12                                   |  | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/7                                   | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/8                                   | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/9                                   | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/10                                   | 9:15 AM<br>10:45 AM<br>1:15 PM<br>9/11                                   |
| <b>Storm Point Saunter</b> <i>September 7-30</i><br>Wander along the ever-changing lakeshore and through a diversity of landscapes including a lush meadow dotted with wildflowers and an ancient forest of spruce, pine, and fir. Experience Yellowstone in its true splendor. Meet at Indian Pond and the Storm Point trailhead, 3 miles east of Fishing Bridge. 2.3 miles. Easy. 2 hours  | 10 AM<br>9/12-9/26   | 10 AM<br>9/13-9/27   | 10 AM<br>9/7-9/28   | 10 AM<br>9/8-9/29   | 10 AM<br>9/9-9/30   | 10 AM<br>9/10-9/24   | 10 AM<br>9/11-9/25   |
| <b>Mud Volcano Ramble</b> <i>September 7-30</i><br>"The greatest marvel we have yet met with," declared early explorers. View colorful, vociferous, and intriguing mudpots and hot springs, and find out what they reveal about Yellowstone's explosive past and future. ¾ mile. Moderately strenuous. Meet at the Mud Volcano area. 1½ hours  | 11 AM<br>9/12-9/26   | 11 AM<br>9/13-9/27   | 11 AM<br>9/7-9/28   | 11 AM<br>9/8-9/29   | 11 AM<br>9/9-9/30   | 11 AM<br>9/10-9/24   | 11 AM<br>9/11-9/25   |
| <b>Featured Creature</b> <i>September 7-30</i><br>Enthralling and diverse wild animals, found in few other places in North America, nor in such profusion, are revealed in Yellowstone. Unveil the story of one of them. Meet at the Fishing Bridge Visitor Center. ♻️ 30 minutes  | 2:30 PM<br>9/12-9/26   | 2:30 PM<br>9/13-9/27   | 2:30 PM<br>9/7-9/28   | 2:30 PM<br>9/8-9/29   | 2:30 PM<br>9/9-9/30   | 2:30 PM<br>9/10-9/24   | 2:30 PM<br>9/11-9/25   |
| <b>River Reflections</b> <i>September 7-30</i><br>From a picturesque spot along the Yellowstone River, explore Fishing Bridge area history and one of the most important cogs in the motor of the Yellowstone ecosystem: the rare, mysterious, wily, polka-dotted, and beautiful cutthroat trout. Meet on the west side of the Fishing Bridge. 20 minutes  | 3:30 PM<br>9/12-9/26   | 3:30 PM<br>9/13-9/27   | 3:30 PM<br>9/7-9/28   | 3:30 PM<br>9/8-9/29   | 3:30 PM<br>9/9-9/30   | 3:30 PM<br>9/10-9/24   | 3:30 PM<br>9/11-9/25   |
| <b>Grant Village &amp; West Thumb</b>  |  |  |   |   |   |  |  |
| <b>Hot Water Wilderness</b> <i>September 7-29</i><br>Come to the West Thumb Geyser Basin and explore the origins of glittering geysers, belching mudpots, and emerald hot springs. Stroll along the shores of Yellowstone Lake to uncover West Thumb's explosive past and dynamic future. Meet at the West Thumb Visitor Information Center. ¼ mile. ♻️ with assistance. 90 minutes  | 11 AM<br>9/12-9/26   | 11 AM<br>9/13-9/27   | 11 AM<br>9/7-9/28   | 11 AM<br>9/8-9/29   | 11 AM<br>9/9-9/23   | 11 AM<br>9/10-9/24   | 11 AM<br>9/11-9/25   |
| <b>Wildlife Wonders</b> <i>September 7-29</i><br>Interested in learning about the best viewing areas, habits, adaptations, mysteries, or even threats to one of Yellowstone's fascinating animals? Relax in the shade as a ranger reveals the secrets of Yellowstone's wildlife. Meet on the Grant Visitor Center back porch. 20 minutes   | 2:15 PM<br>9/12-9/26   | 2:15 PM<br>9/13-9/27   | 2:15 PM<br>9/7-9/28   | 2:15 PM<br>9/8-9/29   | 2:15 PM<br>9/9-9/23   | 2:15 PM<br>9/10-9/24   | 2:15 PM<br>9/11-9/25   |
| <b>Grant Village Evening Program</b> <i>September 5-27</i><br>Join a park ranger for this illustrated presentation focusing on Yellowstone's natural or cultural wonders. Check locally for program topics. Meet at the Grant Visitor Center auditorium. ♻️ 45 minutes   | 7:30 PM<br>9/5-9/26  | 7:30 PM<br>9/6-9/27  | 7:30 PM<br>9/7-9/21   | 7:30 PM<br>9/8-9/22   | 7:30 PM<br>9/9-9/23   | 7:30 PM<br>9/10-9/24   | 7:30 PM<br>9/11-9/25   |
| <b>Madison</b>   |  |  |   |   |   |  |  |
| <b>Madison Evening Program</b> <i>September 7-30</i><br>Each night a park ranger will present an illustrated program highlighting a different aspect of Yellowstone's wonders. Inquire locally on bulletin boards and at the Madison Information Station for program titles and descriptions. Meet at the Madison amphitheater. ♻️ 45 minutes  | 8 PM<br>9/12-9/26  | 8 PM<br>9/13-9/27  | 8 PM<br>9/7-9/28  | 8 PM<br>9/8-9/29  | 8 PM<br>9/9-9/30  | 8 PM<br>9/10-9/24  | 8 PM<br>9/11-9/25  |

♻️ = Accessible



## Junior Ranger Program

If you are between the ages of 5 and 12, you can become a Junior Ranger! Stop by any park visitor center to purchase the official Junior Ranger newspaper for \$3, then complete the program requirements. Junior Rangers will be awarded arrowhead-shaped patches—a wolf track patch if you are ages 5 to 7, a bear track if you are ages 8 to 12.



## Young Scientist Program

No matter how old you are, you can become a Young Scientist! Purchase a self-guiding booklet for \$5 at the Canyon Visitor Education Center (ages 10 and up) or Old Faithful Visitor Education Center (ages 5 and up). If you are investigating in the Old Faithful area, check out a Young Scientist Toolkit for the gear you need. Once you have completed the investigation, you will be awarded a Young Scientist patch or key chain.

*Development of this program was funded by the National Science Foundation through a generous grant to the Yellowstone Park Foundation.*



NPS

Road, service, & program schedules can change. Always check locally for updates!

# Ranger-Led Programs

Available through September 30

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|  | Sun.  | Mon.  | Tues.  | Weds.  | Thurs.   | Fri.  | Sat.  |
|--|---|---|--|--|--|---|---|
| <b>Mammoth Hot Springs</b>   |   |   |  |  |  |   |   |
| <b>Tales of the Travertine</b> <i>September 7-30</i><br>The travertine terraces at Mammoth Hot Springs are one of Yellowstone's most unusual, beautiful, and misunderstood hydrothermal features. Come learn how powerful earth forces constantly create and change these formations, and whether or not they really are "drying up." Meet at the end of the Palette Spring boardwalk, just up from the Liberty Cap rock formation. <b>♿ 15 minutes</b>  | 10:30 AM<br>11 AM<br>9/12-9/26  | 10:30 AM<br>11 AM<br>9/13-9/27  | 10:30 AM<br>11 AM<br>9/7-9/28  | 10:30 AM<br>11 AM<br>9/8-9/29  | 10:30 AM<br>11 AM<br>9/9-9/30  | 10:30 AM<br>11 AM<br>9/10-9/24  | 10:30 AM<br>11 AM<br>9/11-9/25  |
| <b>Wonders of Yellowstone</b> <i>September 7-30</i><br>Yellowstone is full of wonders such as amazing geology, wildlife, history, and beauty. Join us as a ranger shares insights into one fascinating aspect of this magical place. Meet on the front lawn of the Albright Visitor Center, or in the theater if it's raining. <b>♿ 20 minutes</b>   | 2 PM<br>9/12-9/26   | 2 PM<br>9/13-9/27   | 2 PM<br>9/7-9/28   | 2 PM<br>9/8-9/29   | 2 PM<br>9/9-9/30   | 2 PM<br>9/10-9/24   | 2 PM<br>9/11-9/25   |
| <b>Calling in the Cavalry</b> <i>September 7-30</i><br>In its early days, Yellowstone National Park was protected by the U. S. Cavalry. Join a ranger at Fort Yellowstone to learn about historic park events and to discover the role the Army played in protecting Yellowstone. Meet on the front lawn of Albright Visitor Center, or in the theater if it's raining. <b>♿ 30 minutes</b>  | 4:30 PM<br>9/12-9/26  | 4:30 PM<br>9/13-9/27  | 4:30 PM<br>9/7-9/28  | 4:30 PM<br>9/8-9/29  | 4:30 PM<br>9/9-9/30  | 4:30 PM<br>9/10-9/24  | 4:30 PM<br>9/11-9/25  |
| <b>Norris</b>  |   |   |  |  |  |   |   |
| <b>Windows Into Yellowstone</b> <i>September 7-17</i><br>Experience the muddy caldrons, acidic geysers, and clear pools of Norris Geyser Basin! Join a park ranger for a walk through this magical land and learn about the park's geologic past, present, and future. Meet at the Norris Geyser Basin Museum. Bring water, sunglasses, and sunscreen. <b>1½ hours</b>   | 10 AM<br>9/12   | 10 AM<br>9/13   | 10 AM<br>9/7-9/14  | 10 AM<br>9/8-9/15  | 10 AM<br>9/9-9/16  | 10 AM<br>9/10-9/17  | 10 AM<br>9/11   |
| <b>World's Tallest</b> <i>September 7-17</i><br>Discover how geysers work at the world's tallest active geyser! Meet at Steamboat Geyser, a 15-minute walk from the Norris Geyser Basin parking lot. <i>In wet weather, the talk will be held at the Norris Geyser Basin Museum.</i> <b>20 minutes</b>   | 3:30 PM<br>4 PM<br>9/12   | 3:30 PM<br>4 PM<br>9/13   | 3:30 PM<br>4 PM<br>9/7-9/14  | 3:30 PM<br>4 PM<br>9/8-9/15  | 3:30 PM<br>4 PM<br>9/9-9/16  | 3:30 PM<br>4 PM<br>9/10-9/17  | 3:30 PM<br>4 PM<br>9/11   |
| <b>Old Faithful</b>  |   |   |  |  |  |   |   |
| <b>Ranger Adventure Hikes</b> <i>September 7-30</i><br>Enter the wilderness world of Yellowstone's backcountry on a half-day hike with a park ranger. These free hikes vary from easy to strenuous. Some hikes are not recommended for people with heart, breathing, or serious medical conditions. <b>Reservations are required in advance.</b> All children 15 and under must be accompanied by an adult. <i>Hike descriptions and more information are available at the Old Faithful Visitor Education Center.</i>    |   |   | 8 AM<br>9/7-9/28<br>FAIRY FALLS<br>FROLIC                                    | 8 AM<br>9/8-9/29<br>SHOSHONE<br>LAKE<br>DISCOVERY                            | 8 AM<br>9/9-9/30<br>LONE STAR<br>STROLL                                      | 8 AM<br>9/10-9/24<br>FAIRY FALLS<br>FROLIC                                    | 8 AM<br>9/11-9/25<br>SHOSHONE<br>LAKE<br>DISCOVERY                            |
|  |   |   | LIMIT:<br>20 HIKERS  | LIMIT:<br>15 HIKERS  | LIMIT:<br>20 HIKERS  | LIMIT:<br>20 HIKERS   | LIMIT:<br>15 HIKERS   |
| <b>Morning on Geyser Hill</b> <i>September 7-30</i><br>Geyser Hill is at the heart of the world's greatest concentration of geysers. Enjoy a morning exploration of this special corner of the park and learn about the relationship between Yellowstone's volcanic history and hydrothermal features on this ¼ mile walk. Meet at the Old Faithful Visitor Education Center. <b>1½ hours</b>  | 9 AM<br>9/12-9/26   | 9 AM<br>9/13-9/27   | 9 AM<br>9/7-9/28   | 9 AM<br>9/8-9/29   | 9 AM<br>9/9-9/30   | 9 AM<br>9/10-9/24   | 9 AM<br>9/11-9/25   |
| <b>Geysers Galore!</b> <i>September 7-30</i><br>Take a quick peek at Yellowstone's fascinating geysers and visible geologic story. Meet a park ranger at the benches in front of Old Faithful near the Old Faithful Visitor Education Center. <b>♿ 10 minutes</b>  | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/12-9/26 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/13-9/27 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/7-9/28 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/8-9/29 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/9-9/30 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/10-9/24 | 12:15 AM<br>12:45 AM<br>1:15 PM<br>1:45 PM<br>2:15 PM<br>2:45 PM<br>9/11-9/25 |
| <b>Geyser Discovery Stroll</b> <i>September 7-30</i><br>Learn about one of the rarest geological features on Earth—geysers! Accompany a ranger through the Upper Geyser Basin exploring the world of geysers. <b>Meet at Castle Geyser, ½ mile west of Old Faithful</b> (15 minute walk from the visitor center). <b>1½ hours</b>  | 2:30 PM<br>9/12-9/26  | 2:30 PM<br>9/13-9/27  | 2:30 PM<br>9/7-9/28  | 2:30 PM<br>9/8-9/29  | 2:30 PM<br>9/9-9/30  | 2:30 PM<br>9/10-9/24  | 2:30 PM<br>9/11-9/25  |
| <b>Stroll Around Old Faithful</b> <i>September 7-30</i><br>Take an easy ¼-mile walk with a ranger around Old Faithful Geyser. View dramatic hot springs and geysers while gaining insight into Yellowstone's dynamic geology. Meet at the Old Faithful Visitor Education Center. <b>45 minutes</b>   | 4:30 PM<br>9/12-9/26  | 4:30 PM<br>9/13-9/27  | 4:30 PM<br>9/7-9/28  | 4:30 PM<br>9/8-9/29  | 4:30 PM<br>9/9-9/30  | 4:30 PM<br>9/10-9/24  | 4:30 PM<br>9/11-9/25  |
| <b>Old Faithful Evening Program</b> <i>September 7-30</i><br>Each evening a different aspect of Yellowstone's wonders will be featured during this 45-minute illustrated program. Meet the ranger in the theater of the Old Faithful Visitor Education Center. <b>♿ 45 minutes</b>   | 7:30 PM<br>9/12-9/26  | 7:30 PM<br>9/13-9/27  | 7:30 PM<br>9/7-9/28  | 7:30 PM<br>9/8-9/29  | 7:30 PM<br>9/9-9/30  | 7:30 PM<br>9/10-9/24  | 7:30 PM<br>9/11-9/25  |
| <b>West Yellowstone, MT (West Entrance)</b>  |   |   |  |  |  |   |   |
| <b>Explore Yellowstone!</b> <i>September 7-30</i><br>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. <b>♿ 20-30 minutes</b>   | 9:30 AM<br>9/12-9/26  | 9:30 AM<br>9/13-9/27  | 9:30 AM<br>9/7-9/28  | 9:30 AM<br>9/8-9/29  | 9:30 AM<br>9/9-9/30  | 9:30 AM<br>9/10-9/24  | 9:30 AM<br>9/11-9/25  |
| <b>Afternoon Talk in West Yellowstone</b> <i>September 7-30</i><br>Each afternoon, a ranger will present a talk on a captivating aspect of Yellowstone's natural or cultural history. The Yellowstone Historic Center Museum is located at the corner of Yellowstone Avenue and Canyon Street. The Grizzly and Wolf Discovery Center is located at 201 South Canyon Street. Talks are free and open to the public. There is a fee if you choose to visit the rest of the museum or discovery center. <b>♿ 30 minutes</b> | 2 PM<br>YELLOWSTONE<br>HISTORIC CENTER<br>MUSEUM<br>9/12-9/26                 | 2 PM<br>YELLOWSTONE<br>HISTORIC CENTER<br>MUSEUM<br>9/13-9/27                 | 2 PM<br>GRIZZLY &<br>WOLF DISCOVERY<br>CENTER<br>9/7-9/28                    | 2 PM<br>YELLOWSTONE<br>HISTORIC CENTER<br>MUSEUM<br>9/8-9/29                 | 2 PM<br>GRIZZLY &<br>WOLF DISCOVERY<br>CENTER<br>9/9-9/30                    | 2 PM<br>YELLOWSTONE<br>HISTORIC CENTER<br>MUSEUM<br>9/10-9/24                 | 2 PM<br>GRIZZLY &<br>WOLF DISCOVERY<br>CENTER<br>9/11-9/25                    |
| <b>Evening Program in West Yellowstone</b> <i>September 7-28</i><br>Join a park ranger for an illustrated program highlighting a fascinating aspect of Yellowstone's wonders. Location: West Yellowstone Visitor Information Center (corner of Yellowstone Avenue and Canyon Street). <b>♿ 45 minutes</b>  |   |   | 7 PM<br>9/7-9/28   |  |  | 7 PM<br>9/10-9/24   |   |

♿ = Accessible

## Youth Conservation Corps

Since 1984, Yellowstone National Park's summer Youth Conservation Corps (YCC) Program has recruited youth (ages 15-18) from all social, economic, ethnic, and racial backgrounds. Corps members work together under adult leadership learning about environmental and conservation issues while completing projects such as trail rehabilitation and campground restoration. Through this experience, young people develop job and leadership skills and explore opportunities for future NPS careers. Corps members also enjoy hiking, rafting, and field trips throughout the Greater Yellowstone Ecosystem. For more information on Yellowstone's 2011 YCC Program, email us at: [YELL\\_YCC\\_Office@nps.gov](mailto:YELL_YCC_Office@nps.gov).



Sign language interpreter available for ranger-led programs.  
Call three weeks ahead:  
307-344-2251.



Road, service, & program schedules can change. Always check locally for updates!

# Camping & Fishing

6

Autumn 2010

## Campgrounds

Tour the campgrounds on the internet! Go to [www.nps.gov/yell/planyourvisit/camping-in-yellowstone.htm](http://www.nps.gov/yell/planyourvisit/camping-in-yellowstone.htm)

| Listed in order of closing | Dates      | Fees**  | Sites | Elev (ft) | Features         | RV sites  |
|----------------------------|------------|---------|-------|-----------|------------------|---|
| Canyon*                    | 6/4-9/6    | \$19.50 | >250  | 7,900     | A, F, S/L, DS, G | call for availability & reservations                    |
| Bridge Bay*                | 5/28-9/12  | \$19.50 | >425  | 7,800     | A, F, DS, G      | call for availability & reservations                    |
| Indian Creek               | 6/11-9/13  | \$12    | 75    | 7,300     | V                | 10 @ 40'; 35 @ 30'; pull-through                        |
| Fishing Bridge RV*         | 5/14-9/26  | \$28    | >325  | 7,800     | F, S/L, DS, G    | call for availability & reservations                    |
| Norris                     | 5/21-9/27  | \$14    | >100  | 7,500     | F, G             | 2 @ 50' (signed); 5 @ 30'                               |
| Pebble Creek               | 6/11-9/27  | \$12    | >27   | 6,900     | V                | some long pull-throughs                                 |
| Tower Fall                 | 5/21-9/27  | \$12    | 31    | 6,600     | V                | all @ 30' or less; has hairpin curve                    |
| Grant Village*             | 6/21-10/3  | \$19.50 | >400  | 7,800     | A, F, S/L, DS, G | call for availability & reservations                    |
| Madison*                   | 5/7-10/24  | \$19.50 | >250  | 6,800     | A, F, DS, G      | call for availability & reservations                    |
| Slough Creek               | 5/28-10/31 | \$12    | 23    | 6,250     | V                | 14 @ 30', walk through first to assess sites beyond #16 |
| Lewis Lake                 | 6/15-11/6  | \$12    | 85    | 7,800     | V                | a few @ 25'   |
| Mammoth                    | All year   | \$14    | 85    | 6,200     | A, F, G, S       | most are pull-through                                   |

\*Sites you can reserve.

A Accessible sites available

V Vault toilets

DS Dump station

\*\*Fee does not include tax.

F Flush toilets

S/L Pay showers/laundry nearby

G Generators OK 8 AM-8 PM

### First-Come, First-Served

You cannot reserve a campsite at the seven campgrounds operated by the National Park Service: Indian Creek, Lewis Lake, Mammoth, Norris, Pebble Creek, Slough Creek, and Tower Fall.

### 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 a campground registration desk. For future reservations, call toll-free 866-Geyserland (866-439-7375), or write Xanterra Parks & Resorts, P.O. Box 165, YNP, WY 82190; [www.YellowstoneNationalParkLodges.com](http://www.YellowstoneNationalParkLodges.com).

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

### Check-in & Check-out

Check-in any time, but sites may not be available before 11 AM. Registration desks at reservable campgrounds are staffed 7 AM-10 PM, May 29-August 27; 8 AM-9 PM, early and late season. Check-out time is 11 AM.

### Know Vehicle, Tent, and Tow Sizes

If you want to reserve a site, you will be asked for the length and width of your tent, RV, or the combined length of your car or pickup and anything you are towing. For non-reservable sites, use the total length to determine which campground can best accommodate your rig.

### Length of Stay

Camping is limited to 14 days from July 1 through Labor Day (first Monday in September) and to 30 days the rest of the year; no limit at Fishing Bridge RV Park.

### Group Camping

Group camping (tents only) is available at Madison, Grant, and Bridge Bay for organized groups with a designated leader such as youth or educational groups. Fees range from \$65-90 (plus tax) per night, depending on group size. Reservations are required. Call 307-344-7311 or toll-free 866-Geyserland (866-439-7375), or write Xanterra Parks & Resorts, P.O. Box 165, Yellowstone National Park, WY 82190; or email [YNPSA@Xanterra.com](mailto:YNPSA@Xanterra.com).

### WARNING!

#### Food & Odors Attract Bears

The future of bears, your safety, and the safety of others depend on you. Read and follow the regulations on page 2. NEVER feed any animal, including bears. NEVER leave food unattended, even for one minute.

### Services are limited at Fishing Bridge RV Park

For updates, call 307-344-7311 or toll-free 866-Geyserland (866-439-7375), or go to [www.YellowstoneNationalParkLodges.com](http://www.YellowstoneNationalParkLodges.com).

### Quiet Hours

Each visitor deserves to hear the natural sounds of this beautiful environment. Respect this by complying with the law: generators prohibited 8 PM-8 AM; quiet hours, 10 PM-6 AM. No loud audio devices, or other noise disturbances will be allowed during this time. Generators are only permitted in seven campgrounds. (See chart.)

### NO Overflow Camping

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 is not permitted. Camping is often available in neighboring communities and public lands outside the park. (See page 13.)

### Discounts

Holders of Senior and Access passes receive approximately a 50% discount on camping fees, except at Fishing Bridge, where no discounts apply. (See page 5.)

## Attention Anglers!

You must have a Yellowstone National Park fishing permit. Barbless hooks ONLY. Know the park's regulations.

### Fishing Season

Yellowstone's fishing season generally begins on the Saturday of Memorial Day weekend and continues through the first Sunday of November. However, many exceptions exist. Read the park fishing regulations or go to the park website: [www.nps.gov/yell/planyourvisit/fishing.htm](http://www.nps.gov/yell/planyourvisit/fishing.htm)

### Fishing Regulations

Obtain park fishing regulations at ranger stations, visitor centers, and general stores. You are responsible for knowing the rules.

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 also influence regulations by their impact on certain species and aquatic habitats.

### Permits

**Fishing** All anglers 16 or older must possess a valid Yellowstone National Park fishing permit to fish in the park; state permits are not valid. 3 days—\$15; 7 days—\$20; season—\$35. Permits are available at ranger stations, visitor centers, general stores, and fly-fishing shops in the local communities.

Anglers 15 or younger have two options: fish without a permit under direct supervision of an adult who has a permit or obtain a free permit that must be signed by an adult. The adult must ensure the child complies with all fishing regulations and provisions.

**Boats & Float Tubes** You must have a boat permit to use boats and float tubes; their use is limited to a few locations. Obtain these permits in person at: South Entrance, Lewis Lake Campground, Grant Village Backcountry Office, Bridge Bay Ranger Station. Non-motorized boating permits only are available at the Canyon, Mammoth, and Old Faithful backcountry offices, Bechler Ranger Station, West Yellowstone Visitor Information Center, and Northeast Entrance. You must have a Coast Guard approved "wearable" personal flotation device for each person on board.



**STOP AQUATIC HITCHHIKERS!**

Prevent the transport of nuisance species.  
Clean all recreational equipment.  
[www.ProtectYourWaters.net](http://www.ProtectYourWaters.net)

Aquatic Nuisance Species (ANS) are plants and animals not native to the park and cause irreversible harm to the naturally-functioning ecosystem that exists here. Already, New Zealand mudsnails, whirling disease, and lake trout have resulted in loss of fisheries and closure of areas that once had abundant trout. You can help prevent the spread of harmful exotic invaders!

**CLEAN! INSPECT! DRY!**

Do not release plants, fish, or animals into a body of water unless it came out of that body of water. If you witness a violation, please contact a local park ranger, stop by a visitor center, or call 307-344-7381, dial "0."

Road, service, & program schedules can change. Always check locally for updates!

## Backcountry Tips and Regulations

### Accessibility

Wheelchairs and some types of service animals are allowed in the backcountry. Contact a backcountry office (see below) for further information before taking them into the backcountry.

### Campfires

Campfires are permitted only in established fire pits at certain campsites; you will be given this information when you obtain your overnight permit.

### Day Hiking

Talk to a park ranger at a backcountry office or visitor center before beginning a day hike. They know trail conditions, weather forecasts, and if areas are closed due to bear or management activities.

### Drinking Water

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

### Hypothermia

Exposure to wind, rain, or cold can cause hypothermia, which can kill you. Early warning signs include shivering, slurred speech, drowsiness, and exhaustion. Put on dry clothes and drink warm fluids at the first signs.

### Non-native Plants

Invasive non-native plants (noxious weeds) threaten the park's ecosystem. Major

threats include: spotted knapweed, ox-eye daisy, St. Johnswort, musk thistle, leafy spurge, and dalmatian toadflax. If you see these or other exotic species in the backcountry, notify a park ranger.

### Overnight Trips

Permits are required. Obtain a permit at a backcountry office not more than 48 hours in advance of the first date of the trip. You will be given full information about backcountry regulations and safety. You can also reserve campsites at a backcountry office or by mail (see below) for a \$20 fee.

### Pack It In—& Out

You must carry all refuse out of the

backcountry, including items partly burned (foil, 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 campsites. Do not wash yourself, clothing, or dishes in lakes, ponds, rivers, or streams.

### Stock Use

Not all trails are open to stock. Inquire at backcountry offices and ranger stations.

**IMPORTANT:** All stock users in Yellowstone must possess proof of a negative Coggins test performed within the last 12 months for each animal.

For more information: Backcountry Office, P.O. Box 168, Yellowstone National Park, 82190; 307-344-2160; [www.nps.gov/yell/planyourvisit/backcountryhiking.htm](http://www.nps.gov/yell/planyourvisit/backcountryhiking.htm)

## Bear Country Tips



NPS Photo

### If you carry bear pepper spray:

- ◆ 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 of the spray.
- ◆ Follow the manufacturer's instructions, know how to use the spray, and be aware of its limitations, including the expiration date.
- ◆ It is not a repellent. Don't spray it on people, tents, or backpacks.
- ◆ Carrying bear pepper spray is no substitute for vigilance and exercising safety precautions.

### If you must use bear pepper spray to stop a bear:

- ◆ Leave the area immediately. The spray is effective for a short time and is less effective the second time.
- ◆ Report the incident to park rangers at a visitor center or ranger station.

### A Fed Bear Is a Dead Bear

Do not leave packs containing food unattended, even for a few minutes. If a bear obtains human food even once, it often becomes aggressive about obtaining such food, and may have to be destroyed or removed from the park.

### Alert Bears to Your Presence

Make loud noises, shout, or sing. 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 run; bears can easily outrun you. Plus, running may cause an otherwise non-aggressive bear to attack. 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 but has not acted aggressively, slowly back away.

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

Climbing trees to avoid bears is not often practical. 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. 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.

## Authorized Guides & Tours



Yellowstone Association/J. Smith

### Yellowstone Association Institute

Programs about wildlife, plants, geology, and history are perfect for curious adults and families who want to spend a day or more exploring the park with a knowledgeable guide. To find out more, visit [www.Yellowstone-Association.org](http://www.Yellowstone-Association.org) or call 406-848-2400.



Xanterra Parks & Resorts

### Xanterra Parks & Resorts

Yellowstone's lodging concessioner also offers a wide variety of park tours and activities during the summer. Visitors can enjoy photo safaris, partial or full day tours, horseback and stage-coach rides, and boating and fishing adventures. For more detailed information pick up an *Experience Planner* at any hotel or visit [www.YellowstoneNationalParkLodges.com](http://www.YellowstoneNationalParkLodges.com).

### Other Certified Guides & Outfitters

Many authorized guides and outfitters are ready to show you the wonders of Yellowstone, and each has a unique approach. To learn about these authorized providers, write to Yellowstone National Park, WY 82190, call 307-344-7381, or visit [www.nps.gov/yell](http://www.nps.gov/yell).

### Caution: Unauthorized Tours & Guides

Make sure your guide, tour company, or other commercial service is authorized by the National Park Service. Please report unauthorized operators to a ranger at a visitor center or ranger station or to the Chief, Concessions Management, P.O. Box 168, Yellowstone National Park, WY 82190; 307-344-2271.



The National Park Service is a proud partner of Leave No Trace, a national education program promoting responsible outdoor recreation and stewardship of our public lands through outdoor skills and ethics. NPS urges you to learn how to minimize recreation impacts and help protect Yellowstone's precious wildlands for future enjoyment. For more information, visit a backcountry office in the park or [www.LNT.org](http://www.LNT.org).

# Hot Wonders of Yellowstone

8



Great Fountain Geyser, Lower Geyser Basin

Yellowstone National Park's unique physical landscape is created by many geological forces. Here, some of the Earth's most active volcanic, hydrothermal (water + heat), and earthquake systems make this national park a priceless treasure. Yellowstone was established as the world's first national park primarily because of its unparalleled collection of geysers, hot springs, mudpots, and steam vents.



**Hot springs**, such as Morning Glory Pool in the Old Faithful area (above), are the most common hydrothermal features in the park. Unlike geysers, their plumbing has no constrictions. Superheated water cools as it reaches the surface, sinks, and is replaced by hotter water from below. This circulation, called convection, prevents water from reaching the temperature needed to set off an eruption.



**Travertine terraces** are found at Mammoth Hot Springs (above), where the dominant rock is limestone (calcium carbonate). Water rises through the limestone, carrying high amounts of dissolved calcium carbonate. At the surface, calcium carbonate is deposited as travertine, the chalky white rock of the terraces. Due to the rapid rate of deposition, these features constantly and quickly change.

## 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.



**Mudpots**, such as at Fountain Paint Pot (above), are acidic thermal features with a limited water supply. Some microorganisms use hydrogen sulfide, which rises from deep within the earth, as an energy source. They help convert the gas to sulfuric acid, which breaks down rock into clay. Various gases escape through the wet clay mud, causing it to bubble. Mudpot consistency and activity vary with the seasons and precipitation.



**Fumaroles** or steam vents, are abundant at Roaring Mountain (above). They are the hottest hydrothermal features in the park. They have so little water that it all flashes into steam before reaching the surface. The result is a hissing of steam and gases. They are easier to see in cool weather.

## About Old Faithful Geyser

Many myths exist about Old Faithful, the world's most famous geyser (shown at right). Use the lists below to sort the facts from myths.

### Myths

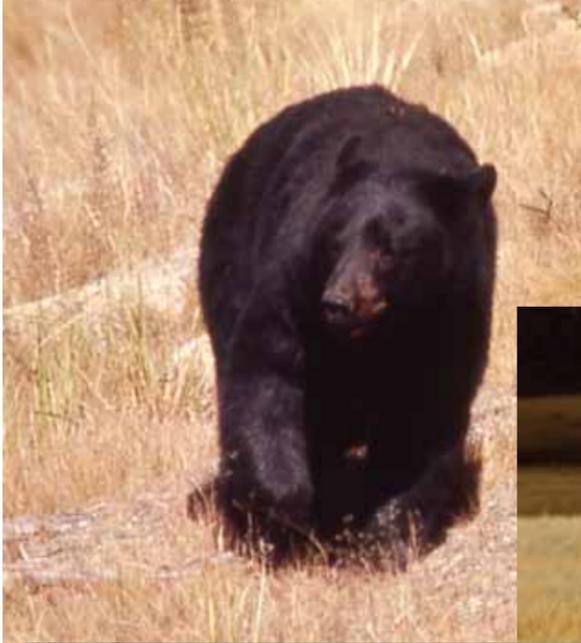
- ✗ No one can predict Old Faithful anymore.
- ✗ It is so predictable, you can set your watch by its eruption.
- ✗ It is the only predictable geyser.
- ✗ It is the most predictable geyser.
- ✗ It erupts every hour on the hour.
- ✗ Its eruption is not as high as it used to be.
- ✗ Its eruption lasts less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

### Facts

- ✓ Old Faithful's eruption duration, height, and the interval between eruptions varies daily and yearly.
- ✓ As of January 2010, an eruption lasts 1½ to 5 minutes; the average interval between eruptions is 90 minutes.
- ✓ Old Faithful's height ranges from 106 feet to more than 180 feet, averaging 130 feet.
- ✓ 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).



# Wildlife in Yellowstone



Autumn is a spectacular season for watching wildlife. Elk mate in September—listen for bulls bugling; look for them in Hayden and Lamar valleys and around Mammoth Hot Springs. (But heed the warning below.) Moose, deer, bighorn sheep, and pronghorn (below) also mate in the fall. Bears—both black (left) and grizzly—are busy eating to put on weight before hibernation. Wolves are teaching their young to hunt. And birds are moving in their timeless migration.



*This howling wolf (above) is wearing a radio collar. To learn more about wolves, ask for the free handout, "Restoration of Wolves," at visitor centers. Look for sandhill cranes (right) in meadows or flying along rivers.*

Bear, pronghorn: NPS/Douglass; Wolf: NPS/Peaco; Crane: NPS/Schmidt

## Other Park Highlights

### Geysers & Hot Springs

The Old Faithful area—home to hundreds of hot springs and geysers—is one of many “hot” areas in the park. See travertine terraces at Mammoth Hot Springs, acidic features at Norris Geyser Basin, mudpots at Fountain Paint Pot and Mud Volcano, and colorful hot springs at Midway and West Thumb.

### Grand Canyon of the Yellowstone River

View the spectacular Upper and Lower Falls and colorful canyon walls from overlooks in the Canyon Village area. See the northernmost section of the canyon from overlooks near Tower Fall, south of Tower Junction.

### Lake Area

Don't miss the largest high elevation lake (above 7,000 feet) in North America. With the Absaroka Mountains as a stunning backdrop, this area offers boating, fishing, hiking, wildlife viewing, and hydrothermal features. (Fishing and boating require permits; see page 6.)

### 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. Free handouts describe some of these and other historic sites; ask for them at visitor centers. Guides for walking tours of Fort Yellowstone and Old Faithful historic districts are available for 50¢.



Bull elk: NPS Photo; Bull elk charging man: courtesy Edward Suthoff

## STAY SAFE!

Wild animals are dangerous. To protect yourself and wildlife, follow these guidelines whether you are alone or in a wildlife jam:

- ◆ Park in a turnout and make sure your car is completely off the road.
- ◆ Put your vehicle into park and engage your parking brake.
- ◆ Stay near your vehicle so you can retreat if the animal approaches.
- ◆ Do not stand in the road.
- ◆ Never surround, crowd, approach, or follow wildlife.
- ◆ Never come between mothers and their young.
- ◆ Do not block an animal's line of travel.
- ◆ Do not run or move suddenly—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.
- ◆ Never feed wildlife, including birds.

To learn more about the animals in Yellowstone, ask for these and other free handouts at visitor centers: Yell 287, “Mammals In the Park,” and Yell 275, “Children's Wildlife Identification Game.”

## BEWARE of elk!

*Elk are aggressive this time of year! Watch them from a safe, legal distance of at least 25 yards.*

Many visitors come to Yellowstone in the fall to witness the excitement of the elk rut. Unfortunately, every year visitors and vehicles are damaged by bull elk charging them. Avoid this danger. **Stay at least 25 yards from elk**—that's approximately the length of six full-size pickup trucks parked bumper to bumper. A bull elk weighs 700 pounds, at least, and his antlers are sharp. Female elk will charge you too, and can hurt you. To protect you and the animals, park rangers and volunteers patrol Mammoth Hot Springs during this time. **Follow their directions.** If they ask you to move away, do so. Watch elk from a safe distance.



# Supporting the National Park Service in Yellowstone

10

In the early years after the National Park Service was created in 1916, its first Director, Stephen T. Mather, knew that building public support for a fledgling National Park System was crucial for its future. Resourcefulness and philanthropy helped sustain our parks then, and have played important roles throughout the history of the system. In Yellowstone National Park, two nonprofit partners—The Yellowstone Park Foundation and The Yellowstone Association—support the National Park Service’s mission and goals.

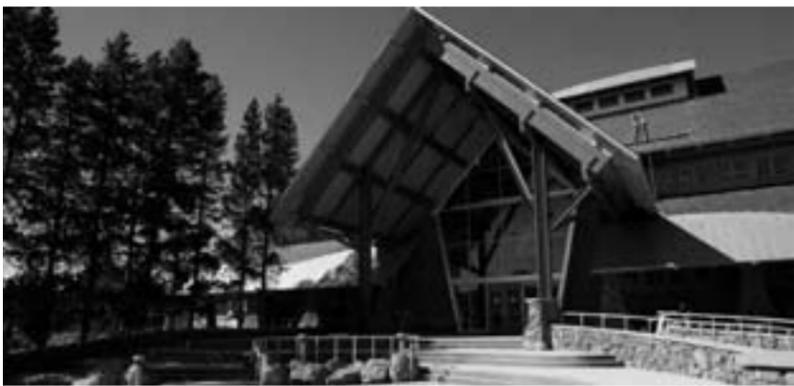
The Yellowstone Park Foundation (YPF) is the park’s official fundraising partner. YPF works in cooperation with the National Park Service to fund projects and programs that protect, preserve, and enhance natural and cultural resources and the visitor experience in Yellowstone. One of YPF’s most visible accomplishments is providing over half of the funding needed to build the new Old Faithful Visitor Education Center. The Old Faithful live streaming webcam is another innovative service that has been funded by Canon USA through the Yellowstone Park Foundation, and dozens of other projects have been accomplished through YPF’s support.

The Yellowstone Association (YA) is the park’s official nonprofit educational partner. YA works in cooperation with the National Park Service in its primary role of supporting visitor information, orientation, and education through the sales of educational materials and services in park visitor centers. Proceeds from sales and memberships have funded exhibits at the Canyon Visitor Education Center, the new geology film, *Yellowstone: Land to Life*, web videos and podcasts, and dozens of outdoor exhibits, publications, online features, and other NPS programs. See below to find out more about each organization.

*Protecting the Wonders and Wildlife  
of Yellowstone National Park*



## THE YELLOWSTONE PARK FOUNDATION



With the support of Friends of Yellowstone the Foundation funds critical Park projects such as:

- wildlife and fisheries conservation
- historic preservation
- hiking trail restoration
- \$15 million toward the new state-of-the-art Old Faithful Visitor Education Center
- and many more

To learn more  
or to donate online visit us at  
[www.ypf.org](http://www.ypf.org)

Your support makes a difference!

Donate now and receive a free t-shirt.

\$30  \$50  \$100  \$250  Other \$ \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

EMAIL \_\_\_\_\_

TELEPHONE \_\_\_\_\_

Enclosed is my check. (Make check payable to the Yellowstone Park Foundation.)

Please charge my credit card. (Choose one)

Amex  Diners Club  Discover  MC  Visa

CREDIT CARD # \_\_\_\_\_ EXP. DATE \_\_\_\_\_

Mail donations to: Yellowstone Park Foundation

222 East Main Street, Suite 301, Bozeman, MT 59715 406.586.6303



T-shirt size

Please check one:

Medium

Large

X-Large

## JOIN THE PACK!

Receive a FREE gift and enjoy savings  
throughout the park  
when you become a member.



Join the nonprofit  
**Yellowstone Association**  
and receive

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your first purchase PLUS 15% OFF future purchases in  
any of our educational Park Stores in visitor centers  
and at the North Entrance.

## AND GET 15% OFF\*

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Yellowstone General Stores and Xanterra Parks &  
Resorts® Gift Shops located throughout Yellowstone  
National Park.



**YELLOWSTONE  
ASSOCIATION**

Contact us directly at: 406-848-2400  
Online at: [www.YellowstoneAssociation.org](http://www.YellowstoneAssociation.org)

\*Exclusions apply. Inquire at each location for details.  
You must present membership card to receive discounts.

INSPIRE. EDUCATE. PRESERVE.

Road, service, & program schedules can change. Always check locally for updates!

Yellowstone National Park's managers face many challenges as they strive to protect wondrous natural resources and provide safe and enjoyable experiences for visitors.

## Climate Change



©J. Arnold

Boreal chorus frogs may lose essential habitat as temperatures increase and wetlands dry up.

Yellowstone's ecosystems will likely change as climate change advances. Scientists expect increased temperatures and changing rain & snow patterns in the park. Effects could be:

- ◆ The alpine zone, which begins at 9500 feet, may migrate higher, with important species like whitebark pine almost entirely lost to the ecosystem.
- ◆ Wildland fire in the western states generally is expected to intensify. However, scientific research is showing a different possibility in Yellowstone: fires may be more frequent, but *smaller and less intense*, than today.
- ◆ Increased insect infestations in trees. Currently, four types of pine bark beetles and a spruce budworm are at work—a circumstance never seen before.

- ◆ Declining wetlands, which will decrease essential habitat for frogs, salamanders, and many birds and insects.
- ◆ Wildlife predictions vary. Bison, elk, and other grassland animals should be able to find suitable habitat. Grizzly bears will have less of their most valuable foods: whitebark pine nuts, army cutworm moths, and cutthroat trout.

Yellowstone National Park will host a scientific conference October 11–13, "Questioning Greater Yellowstone's Future: Climate, Land Use, and Invasive Species." Details available at the Greater Yellowstone website listed below.

## Lake Trout



NPS

1 lake trout caught = 41 cutthroat saved.

Yellowstone Lake's native cutthroat trout are severely threatened by lake trout, which are voracious predators of the native trout.

Adult cutthroat trout have always been preyed upon by a variety of native wildlife such as bald eagles, osprey, pelicans, cormorants, gulls, otters, and grizzly bears.

Lake trout cannot be eliminated from Yellowstone Lake. However, park fisheries managers hope to greatly reduce the growth of the lake trout population and recover the cutthroat trout population.

The National Park Service targets lake trout with an intensive gill-netting program that

begins after ice is gone from the lake and continues into October. Since the early 1990s, this program has removed more than 450,000 lake trout.

Fishing regulations require anglers to kill all lake trout caught in Yellowstone Lake and its tributaries. Anglers are an important part of lake trout management. Annually, they catch approximately 9,000 lake trout.

To find out more, ask for Yell 300, "Lake Trout," at visitor centers or visit [www.nps.gov/yell/plan\\_yourvisit/fishing.htm](http://www.nps.gov/yell/plan_yourvisit/fishing.htm)

## When Fires Start



NPS / Peaco

Visitors watch a fire from Fishing Bridge

Yellowstone National Park operates under the federal Wildland Fire Policy, which evolves as federal agencies gain experience and new knowledge. Current guidelines allow firefighters to manage a natural fire for multiple objectives. They can suppress one flank of a fire to protect developed areas while allowing another flank to burn to achieve natural fire benefits.

For example, the Arnica Fire of 2009 burned 10,670 acres. Firefighters suppressed its east flank to protect Lake Village and Bridge Bay, and to protect people using the roads. It was monitored, but not suppressed, as it moved away from developed areas.

Wildland fire is a good example of interagency cooperation and coordination. Federal agencies, state and local governments, and private contractors all play a role in managing fire. For example, the National Park Service (NPS) relies on Forest Service smokejumpers to monitor or fight the park's remote fires. In return, the NPS sends help to adjacent national forests when needed. The NPS and Forest Service communicate closely, which increases firefighter safety. The NPS is also working with partners to help communities plan and prepare for a wildland fire that may threaten homes.

To find out more, ask for Yell 288, "Fire As a Natural Force," at visitor centers.

## American Recovery & Reinvestment Act



NPS photos

ARRA funded resurfacing of the South Entrance Road.

In Yellowstone, the American Recovery and Reinvestment Act of 2009 (ARRA) is funding projects that address critical park needs, improve the visitor experience, and implement sustainable green technologies while stimulating economic activity in the region.

### Completed Projects

- ◆ Resurface South Entrance Road.
- ◆ Repair hazardous propane service line at Fort Yellowstone.
- ◆ Rehabilitate the Observation Peak Trail.
- ◆ Replace roof of wastewater management lift station.
- ◆ Replace failing steam heat for Fort Yellowstone historic buildings used by the public.
- ◆ Improve restroom facilities to eliminate contamination issues.
- ◆ Repair boardwalks near hydrothermal features.

### Projects Underway

- ◆ Replace Madison Wastewater Facility.
- ◆ Replace pumps, motors, and valves in all water and wastewater plants.
- ◆ Rehabilitate and repave South Rim Drive.
- ◆ Construct micro hydropower facility at Mammoth Hot Springs.
- ◆ Replace substandard employee housing at Mammoth Hot Springs with an eight-plex.
- ◆ Realign segments of the Shelf Lake Trail.
- ◆ Repair deteriorating trails and footbridges.
- ◆ Replace deteriorating a spring and reservoir to ensure clean drinking water.

## For More Information

Find out more about Yellowstone's "hot topics" and other cultural and natural resource topics at [www.nps.gov/yell](http://www.nps.gov/yell) or [www.greateryellowstonescience.org](http://www.greateryellowstonescience.org), and in *Yellowstone Resources & Issues 2010*, available at park bookstores.

# "Greening" Yellowstone

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

## The YES! Initiative

In 2008, in partnership with the Yellowstone Park Foundation, the park launched the "Yellowstone Environmental Stewardship (YES!) Initiative." YES! is a multi-year comprehensive plan to enable Yellowstone to build upon its sustainability successes by further reducing the ecological footprint of its operations and decreasing consumption of natural resources.

YES! projects, together with other park programs, aim to achieve the following goals by 2016:

- ◆ reduce greenhouse gas emissions by 30%
- ◆ reduce electricity consumption by 15%
- ◆ reduce fossil fuel consumption by 18%
- ◆ reduce water consumption by 15%
- ◆ divert 100% of solid waste from landfills

## Cleaner Travel

- ◆ Yellowstone National Park's hybrid vehicle fleet began in 2004, when Toyota Motor Sales U.S.A. Inc. donated four Prius hybrids (photo below right). The Prius has 90% lower emissions than the average car, better fuel efficiency, and runs quietly when using only the electric motor.
- ◆ Michelin North America donated high-tech, fuel efficient tires to the park's truck fleet. Fuel savings amount to 10% per truck and emission reductions are more than 8 metric tons of carbon dioxide annually.
- ◆ Michelin also donated similar high-tech, fuel efficient tires for dozens of the park's car and SUV fleet, which will further increase fuel efficiency and reduce emissions.
- ◆ Dodge Truck, Inc. donated a three-quarter ton 4x4 pickup to Yellowstone in 1995 to test 100% biodiesel fuel. It has been driven more than 200,000 miles and averages 17 miles per gallon with less smoke and fewer polluting emissions.
- ◆ All diesel-powered vehicles driven by park employees and many used by concessioners run on a 20% blend of industrial-grade vegetable oil and diesel.
- ◆ Yellowstone uses an ethanol blend in all gasoline-powered 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 park-sponsored bus.



## Building Green

The U.S. Green Building Council (USGBC) has 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 National Park buildings such as the new West Entrance Station.

The new Old Faithful Visitor Education Center is the first facility in Yellowstone to achieve Gold LEED certification, and one of the few facilities in a national park to achieve this distinction.

Other park buildings that use "green" building features include:

- ◆ Heritage & Research Center, in Gardiner, Montana, uses ceramic tiles, carpeting, and ceiling tiles that contain partial or total recycled content.
- ◆ Lewis Lake Contact Station is partially powered by solar panels.
- ◆ Lamar Buffalo Ranch receives more than 70% of its energy from a solar panel array.

Park rangers often use hybrid cars.



## Annual Recycling

In 2009, Yellowstone National Park and its concessioners kept 79% of the park's waste out of landfills. The park recycled:

- ◆ 87 tons of newspapers, office paper, and magazines
- ◆ 14 tons of aluminum and steel
- ◆ 178 tons of glass
- ◆ 41 tons of plastics
- ◆ 270 tons of cardboard
- ◆ >13,000 small propane cylinders, using a machine developed by a Yellowstone Park employee and funded by the Yellowstone Park Foundation
- ◆ 150 tons of used tires



Old Faithful Geyser viewers stand on a plastic boardwalk made from the equivalent of three million plastic milk jugs. Unilever donated the plastic lumber.

You can recycle a lot of your trash while you are visiting Yellowstone. Look for large brown recycling bins for glass, plastic, cans, and paper in major areas of the park. (See the map on the last page.) Look for other recycling bins in park lodging and dining facilities, visitor centers, and in stores.



## SAVE on Entrance Fees!

The "America the Beautiful—the National Parks and Federal Recreational Lands Pass" provides several pass options for people to use at federal recreation sites—including national parks and wildlife refuges—where entrance fees are charged.

You can purchase this pass at one of Yellowstone's entrance stations or go to <http://store.usgs.gov/pass>. The pass is not good for camping or for some other fees such as parking fees at Mount Rushmore or cave tours at various parks. Be sure to inquire locally.

Previously issued Golden Age Passports and Golden Access Passports are still accepted. You can also trade them in for the new and more durable passes.

### Entrance Fees for Yellowstone & Grand Teton National Parks

|   |  |
|---|--|
| Private, noncommercial automobile   | \$25 (7 days, both Yellowstone and Grand Teton)  |
| Individual motorcycle   | \$20 (7 days, both parks)  |
| Single entry (foot, bike, ski, etc.)  | \$12 (7 days, both parks)  |
| Yellowstone-Grand Teton Pass  | \$50 (valid one year from month of purchase)   |
| America the Beautiful Pass—the National Parks and Federal Recreational Lands Pass | \$80 (valid for one year from month of purchase for entrance fees to federal fee areas)  |
| Senior Pass   | \$10—for U.S. citizens or permanent residents of the U.S. who are 62 or older.   |
| Access Pass   | Free—for citizens or permanent residents of the U.S. who have been determined to be permanently disabled and present such documentation. |

Road, service, & program schedules can change. Always check locally for updates!

# Grand Teton National Park

Autumn 2010

EXPECT  
TRAFFIC  
DELAYS

13

Make time to visit our neighbor to the south, Grand Teton National Park. This park offers spectacular scenery and its own campgrounds, exhibits, and activities. More information is in the park newspaper, *Teewinot*, or at [www.nps.gov/grte](http://www.nps.gov/grte). Newspapers are available at Grand Teton visitor centers and entrance stations.

**All dates and hours are approximate.**

## Campgrounds

First come, first served. For current status of campgrounds, ask at entrance stations or visitor centers in Grand Teton National Park.

| Campground              | Fee  | Fills by:    | Closes: |
|-------------------------|------|--------------|---------|
| Colter Bay (350 sites)  | \$20 | Evening      | 9/26    |
| Gros Ventre (350 sites) | \$20 | Rarely fills | 10/8    |
| Jenny Lake (49 sites)   | \$20 | 9 AM         | 10/3    |
| Lizard Creek (60 sites) | \$20 | Rarely fills | 9/6     |
| Signal Mt. (86 sites)   | \$20 | Noon         | 10/17   |

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

## Lodging

Make your reservations directly:

|                                       |                              |
|---------------------------------------|------------------------------|
| Colter Bay Cabins (closes 9/26)       | 800-628-9988                 |
| Colter Bay RV Park (closes 9/26)      | 800-628-9988                 |
| Dornan's Spur Ranch Cabins (all year) | 307-733-2522                 |
| Flagg Ranch Resort (closes 9/26)      | 307-543-2861 or 800-443-2311 |
| Jackson Lake Lodge (closes 10/3)      | 800-628-9988                 |
| Jenny Lake Lodge (closes 10/10)       | 307-733-4647                 |
| Signal Mt. Lodge (closes 10/17)       | 800-672-6012                 |

Lodging can also be found in surrounding communities.

## Information

Colter Bay Visitor Center & Indian Arts Museum—May 8 to October 11. Information, audiovisual programs, permits, and publication sales. Phone: 307-739-3594.

Flagg Ranch Information Station—June 7 to September 6. Phone: 307-543-2372.

Jenny Lake Ranger Station (climbing information)—May 15 to September 17. Phone: 307-739-3343.

Jenny Lake Visitor Center—May 14 to Sept. 26. Information, publication sales. Phone: 307-739-3392.

Craig Thomas Visitor Center (Moose)—Open year-round, except December 25. Information, audiovisual programs, exhibits, permits, publication sales. Phone: 307-739-3399.

Laurance S. Rockefeller Preserve Center—May 29 to Sept. 26. Sensory exhibits and orientation to the 8-mile trail network. Phone: 307-739-3654.

**TTY/TDD: Emergency only, 307-739-3301.**

## Medical Clinic

Grand Teton Clinic, located near Jackson Lake Lodge. Daily, May 21 to early October. Call 307-543-2514 or after hours 307-733-8002.

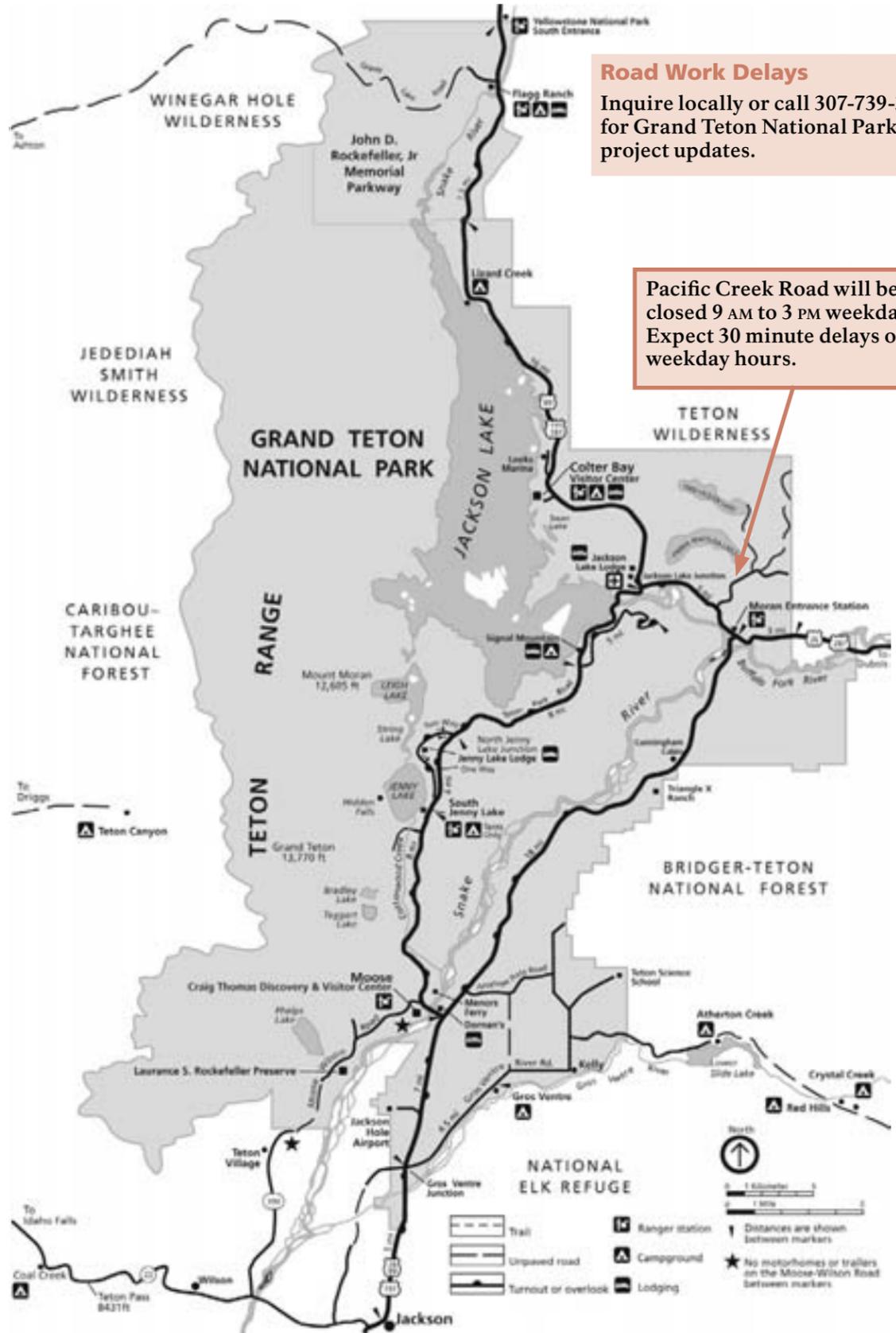
**Emergency: dial 911.**

## Activities

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 Craig Thomas 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.

**For more information about Grand Teton National Park:**

**call 307-739-3300 or visit the website, [www.nps.gov/grte](http://www.nps.gov/grte)**



## Road Work Delays

Inquire locally or call 307-739-3614 for Grand Teton National Park road project updates.

Pacific Creek Road will be closed 9 AM to 3 PM weekdays. Expect 30 minute delays other weekday hours.

## Nearby National Forests

|                       |              |
|-----------------------|--------------|
| Beaverhead-Deer Lodge | 406-683-3913 |
| Bridger-Teton         | 307-739-5500 |
| Caribou-Targhee       | 208-624-3151 |
| Custer                | 406-657-6200 |
| Gallatin              | 406-587-6701 |
| Shoshone              | 307-527-6241 |

## Grant-Kohrs Ranch National Historic Site

Wide open spaces, hard-working men and women, and vast herds of cattle are among the strongest symbols of the American West. Once the headquarters of a 10 million acre cattle empire, Grant-Kohrs is a working cattle ranch that preserves and commemorates the role of ranchers in American history. Located northwest of Yellowstone National Park; call 406-846-3388 or go to [www.nps.gov/grko](http://www.nps.gov/grko)

## Communities Near Yellowstone & Grand Teton National Parks

### Montana

|                        |              |
|------------------------|--------------|
| Big Sky                | 406-995-3000 |
| Billings               | 800-735-2635 |
| Bozeman                | 800-228-4224 |
| Cooke City-Silver Gate | 406-838-2495 |
| Gardiner               | 406-848-7971 |
| Livingston             | 406-222-0850 |
| Red Lodge              | 888-281-0625 |
| Virginia City          | 800-829-2969 |
| West Yellowstone       | 406-646-7701 |

### Wyoming

|  |              |
|--|--------------|
| Cody                                     | 800-393-2639 |
| Dubois                                   | 307-455-2556 |
| East Yellowstone/Wapiti Valley           | 307-587-9595 |
| Jackson                                  | 307-733-3316 |
| <b>Idaho</b>                             |              |
| Idaho Falls                              | 866-365-6943 |
| Eastern Idaho Visitor Information Center | 800-634-3246 |

**Road, service, & program schedules can change. Always check locally for updates!**

# Services in Yellowstone

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Autumn 2010

**“They said they’d seen it all**  
in Yellowstone. We politely suggested one of our Lodging & Learning packages. Four days later, that same family couldn’t stop talking about all the new things they’d discovered about the park, and themselves. We just smiled.”



*Yellowstone, Don't just see it Experience it.*

For individual reservations, winter get-away packages and all other information call: 866-GEYSERLAND (866-439-7375) or 307-344-7311. For Lodging & Learning Package reservations and information 307-344-2298 [www.YellowstoneNationalParkLodges.com](http://www.YellowstoneNationalParkLodges.com)

**YELLOWSTONE**  
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## WINTER LODGING & LEARNING PACKAGES

Naturalist-guided daily adventures, lodging and some meals included.

- Winter Wolf Discovery**  
(4 nights) Dec. 26 - Feb. 27  
\$649.00 per person
- Winter in Wonderland**  
(6 nights) Dec. 27 - Feb. 27  
\$1,259.00 per person
- Yellowstone on Skis**  
(6 nights) Jan. 1, 15, 29, Feb. 12, 26  
\$1,419.00 per person
- Winter Wildlife Expedition**  
(4 nights) Dec. 22 - March 2  
\$609.00 per person
- Old Faithful Winter Expedition**  
(4 nights) Dec. 25 - Mar. 1  
\$979.00 per person

## WINTER GET-AWAY PACKAGES

2 night minimum stay required  
Packages available January 4 - March 23

- Frosty Fun**  
Mammoth \$129  
Old Faithful Snow Lodge \$289
- Nordic Heaven**  
Mammoth \$159  
Old Faithful Snow Lodge \$319
- Trail of the Wolf**  
Mammoth \$419  
Old Faithful Snow Lodge \$549

Rates are per person double occupancy and do not include tax or utility fee.

## FOR FUTURE GENERATIONS: HELP PROTECT YELLOWSTONE!

### Xanterra's Long Term Commitment to Sustainability

Xanterra provides hospitality in some of the most beautiful places on earth, and we take our role of environmental stewardship very seriously. Through our Ecologix program, we incorporate sustainable practices in all aspects of our operations, from food to fuel, and from emissions reduction to renewable energy.



#### You can help us protect Yellowstone in the following ways:

**Recycle:** For your convenience, we now offer in-room recycling containers for plastic, paper, glass, cardboard, and aluminum. Recycling bins are also located throughout the park. With help from visitors like you, last year we recycled over 1.8 million pounds of material and diverted over 70% of our waste from the landfill!

**Choose Green:** Visit our new For Future Generations: Yellowstone Gifts store in the Mammoth Hotel and check out the wide selection of sustainable products and cool exhibits on climate change.



**Eat Well:** Our restaurants also offer a variety of "green" choices including our great tasting Marine Stewardship Council certified salmon and fair trade, organic coffee. In 2009, 31% of our food purchases were sustainable!

**Conserve Energy:** When staying in the park's guest rooms, take advantage of the linen reuse program. Be sure to turn off lights and heat when you leave the room.

**Be Green at Home:** Stewardship does not end at national park borders. You can help protect Yellowstone and other national parks from the impacts of climate change and pollution by adopting green practices at home. Please visit the Environmental/Future Generations section of our website [YellowstoneNationalParkLodges.com](http://YellowstoneNationalParkLodges.com) for a list of green living tips and more information about climate change in our national parks.

*Thank you for helping us preserve Yellowstone!*



Yellowstone General Stores operates twelve retail stores with the attempt to cater to those visiting the world's first National Park. Each of our General Stores is unique in architecture, and located in scenic settings at each major area throughout Park. Visitors will find our staff to be very helpful in assisting with merchandise, scenic stops or wildlife sightings.

Food and beverage services offer a variety of selections to satisfy any wilderness hunger. Relax with a cup of coffee, ice cream, or snack while taking in the wonders of Yellowstone National Park.

Discover volumes of books with a variety of titles that describe and interpret the Park.

Explore the wide spectrum of collectibles and novelties in our souvenir sections. Themed postcards, posters, and other items are available offering an opportunity to take away more than a memory. Personal memories can also be preserved at photo centers, offering digital film processing, digital card downloads, and other photographic supplies.

Our apparel departments provide a variety of items with designs relating to the different areas of the park that may be worn now or given later as gifts. Outdoor enthusiasts can find a variety of supplies and gear to explore Yellowstone National Park. We offer supplies needed for a cookout, the night's camping, a day of fishing, hiking, boating, and wildlife watching.

Visit Old Faithful, Grant, Fishing Bridge and Canyon General Stores to join our Pathways at Yellowstone Program to meet talented and interesting artists and authors who make unique Yellowstone products.

Yellowstone General Stores is grateful for the opportunity to operate within Yellowstone National Park, and through our stewardship we protect the natural, cultural, and historic resources for future generations. Our Environmental Management System, GreenPath, is recognized according to international standards, ISO 14001. We implement programs to minimize our impact while operating in a unique pristine environment and strive for continual environmental improvement.



## New Accessibility Guide

Yellowstone National Park has published a comprehensive guide to accessibility in the park for visitors with mobility impairments. The guide also includes some information about services for visitors with hearing or visual needs. It's available free at entrance stations, visitor centers, and on [www.nps.gov/yell/planyourvisit/parkwide-access.htm](http://www.nps.gov/yell/planyourvisit/parkwide-access.htm).

*The Yellowstone Park Foundation supported printing of this new guide.*



## Cell Phones

Cell phone service may be available in the Mammoth, Old Faithful, and Grant developed areas. As a courtesy to other visitors, turn off your phone while enjoying Yellowstone's natural features.



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



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.yppf.org](http://www.yppf.org) or call 1-800-853-5576 (press "1", then ext. 8301) to sign up for your Yellowstone Park Foundation Visa® Platinum Card today!

U.S. Bank National Association (NBA) is creditor and issuer of the Yellowstone Park Foundation Visa® Platinum Card. Card photos by Tom Murphy.

# Service Locations & Schedules

Autumn 2010

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|  | Canyon Village   | Fishing Bridge  | Grant & West Thumb   | Lake & Bridge Bay  | Mammoth Hot Springs   | Norris  | Old Faithful  | Tower & Roosevelt   | West Entrance & Madison   |
|--|--|---|--|--|---|---|---|---|---|
| <b>Visitor Information &amp; Bookstore</b><br>books, videos, maps, other educational items   | Visitor Education Center Through 9/30 8 AM-8 PM<br>10/1-10/17 9 AM-5 PM  | Visitor Center Through 9/30 8 AM-7 PM   | Visitor Center (Grant) Through 9/30 8 AM-7 PM<br>Information Center (West Thumb) Through 9/30 9 AM-5 PM  |  | Albright Visitor Center Through 9/30 8 AM-7 PM<br>10/1 through winter 9 AM-5 PM         | Information Station Through 9/30 9 AM-6 PM<br>Museum of the National Park Ranger Through 9/26 9 AM-5 PM | Visitor Education Center Through 9/30 8 AM-8 PM<br>10/1-11/7 9 AM-5 PM<br>Opens mid December for winter season  |   | West Yellowstone Visitor Information Center NPS rangers available Through 9/6 8 AM-8 PM 9/7-11/7: 8 AM-4 PM<br>Information Station (Madison) Through 9/30 9 AM-6 PM |
| <b>Medical Clinic</b>  |  |   |  | May 21-Sept. 20 307-242-7241   | Year-round, except for some holidays. 307-344-7965                                      |   | May 15-Oct. 4 307-545-7325  |   |   |
| <b>Service Station</b><br>snacks, drinks, ice<br>Credit card service at pumps 24 hours a day | Gas & diesel: May 1-Oct. 17<br>Repairs: May 28-Sept. 6<br>Wrecker: May 7-Oct. 11<br>LP gas bottle exchange<br>Call 406-848-7548 for assistance | Gas & diesel: May 14-Sept. 26<br>Repairs: May 28-Sept. 6<br>Wrecker: May 28-Sept. 6<br>LP Gas available<br>Call 406-848-7548 for assistance | Grant: Gas & diesel: May 28-Sept. 20<br>Repairs: May 28-Sept. 6<br>Wrecker: May 28-Sept. 6<br>LP Gas available<br>Call 406-848-7548 for assistance |  | Gas & diesel: May 7-Oct. 11<br><br>Call 406-848-7548 for assistance                     |   | Lower, gas & diesel: May 1-Oct. 17<br>Upper, gas only: May 21-Sept. 13<br>Wrecker: May 7-Oct. 11<br>Repairs: May 28-Sept. 6<br>Call 406-848-7548 for assistance | Gas & diesel: June 4-Sept. 6<br><br>Call 406-848-7548 for assistance  |   |
| <b>General Store</b><br>groceries restaurant souvenirs gear                                  | May 17-Oct. 1 also has espresso, jewelry   | May 7-Oct. 4 also has jewelry, photo processing,  | Grant May 28-Sept. 20 also has jewelry   | Lake June 4-Sept. 27   | Year-round no restaurant; lunch available late fall through early spring                |   | Lower: May 21-Oct. 4<br>Upper: April 30-Oct. 18 also photo processing   | Tower May 14-Sept. 24 no restaurant   |   |
| <b>Outdoor Store</b><br>recreation gear, snacks, fast food souvenirs                         | Yellowstone Adventures Apr. 16-Nov. 7  |   |  | Bridge Bay May 28-Sept. 6  |   |   |   |   |   |
| <b>Mini Store</b><br>groceries gear souvenirs  |  |   | Grant May 10-Oct. 4  |  |   |   |   | Roosevelt June 11-Sept. 6   |   |
| <b>Gift Shop</b><br>(in lodging facilities)  | Canyon Lodge June 4-Sept. 26   |   | Grant Village May 28-Oct. 3  | Lake Hotel May 21-Sept. 26<br>Lake Lodge June 10-Oct. 3                                | Mammoth Hot Springs Hotel May 14-Oct. 17  |   | Old Faithful Inn May 7-Oct. 17<br>Old Faithful Snow Lodge April 16-Nov. 7<br>Old Faithful Lodge May 14-Sept. 30   | Roosevelt Lodge June 11-Sept. 6   |   |
| <b>Hotel</b>   | Canyon Lodge June 4-Sept. 26   |   | Grant Village May 28-Oct. 3  | Lake Hotel May 21-Sept. 26   | Mammoth Hot Springs Hotel May 14-Oct. 11  |   | Old Faithful Inn May 7-Oct. 17<br>Old Faithful Snow Lodge April 30-Oct. 24  |   |   |
| <b>Cabins</b>  | Canyon Lodge June 4-Sept. 26   |   |  | Lake Hotel May 21-Sept. 26<br>Lake Lodge June 10-Oct. 3                                | Mammoth Hot Springs Hotel May 14-Oct. 11  |   | Old Faithful Lodge May 14-Sept. 26<br>Old Faithful Snow Lodge April 30-Oct. 24  | Roosevelt Lodge June 11-Sept. 6   |   |
| <b>Restaurant</b><br>(see also General Store)  | Canyon Lodge June 4-Sept. 26   |   | Grant Village May 28-Oct. 3<br>Lake House at Grant June 18-Sept. 26  | Lake Hotel May 21-Sept. 26   | Mammoth Hot Springs Hotel May 14-Oct. 11  |   | Old Faithful Inn May 7-Oct. 17<br>Old Faithful Snow Lodge April 30-Oct. 24  | Roosevelt Lodge June 11-Sept. 6   |   |
| <b>Cafeteria</b>   | Canyon Lodge June 4-Sept. 6  |   |  | Lake Lodge June 10-Oct. 3  |   |   | Old Faithful Lodge May 14-Sept. 26  |   |   |
| <b>Snacks</b><br>Light meals<br>Fast food<br>(see also stores)                               | Picnic Shop June 4-Sept. 26  |   |  | Lake Hotel Deli May 21-Sept. 26  | Terrace Grill April 30-Oct. 17  |   | Old Faithful Inn, Bear Paw Snack Shop: May 7-Oct. 17<br>Old Faithful Snow Lodge, Geyser Grill April 16-Nov. 7<br>Old Faithful Lodge Bake Shop May 14-Sept. 30   |   |   |
| <b>Campground</b><br>Details on p. 6<br>**Reservations accepted                              | **Canyon: 6/4-9/6 Norris, 12 mi east, 5/21-9/27  | **RV Park (hard-sided units only; laundry) 5/14-9/26  | **Grant: 6/21-10/3 Lewis Lake, 10 mi south, 6/15-11/6  | **Bridge Bay: 5/28-9/12<br>**Fishing Bridge RV Park (hard-sided units only): 5/14-9/26 | Mammoth: All year Indian Creek, 9 mi south, 6/11-9/13<br>Norris, 21 mi south, 5/21-9/27 | Norris: 5/21-9/27   | **Madison, 16 mi north, 5/7-10/24   | Tower Fall, 3.5 mi south, 5/21-9/27<br>Slough Creek, 7 mi east, 5/28-10/31<br>Pebble Creek, 18 mi east, 6/11-9/27 | **Madison, 5/7-10/24  |
| <b>Showers</b>   | Canyon Campground  | RV park   | Grant Campground   |  | Mammoth Hotel   |   | Old Faithful Inn  | Roosevelt Lodge   |   |
| <b>Laundry</b>   | Canyon Campground  | RV park   | Grant Campground   | Lake Lodge   |   |   | Old Faithful Snow Lodge   |   |   |
| <b>Marina</b><br>Boat Tours<br>Trail Rides   | Trail Rides 6/20-8/29  |   |  | Bridge Bay: Dock rental 5/21-9/12<br>Boat Tours 6/11-9/12                              | Trail Rides 5/21-9/12   |   |   | Trail & Stagecoach Rides 6/11-9/5<br>Cookout 6/12-9/5   |   |

**Reservations** For lodging, dining, camping, and concession activities, call 307-344-7311 or toll-free 866-439-7375. Dinner reservations required at Grant Village, Lake Hotel, and Old Faithful Inn.

**Recycling** Glass, cans, paper, cardboard, plastic, plastic bags, small propane canisters (used with camp stoves and lanterns), household batteries can be recycled here. Inquire locally.

**Lost & Found** Call 307-344-5387 to report or retrieve items lost in lodging facilities; call 307-344-2109 for items lost elsewhere in park.

**ATM** Available in stores and lodging at all major areas of the park. Inquire locally.

**Worship Services** Most major denominations and interdenominational services available in summer. Information at all major areas.

**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.

**EMERGENCY: 911**

Road, service, & program schedules can change. Always check locally for updates!

# ROADS & SERVICES

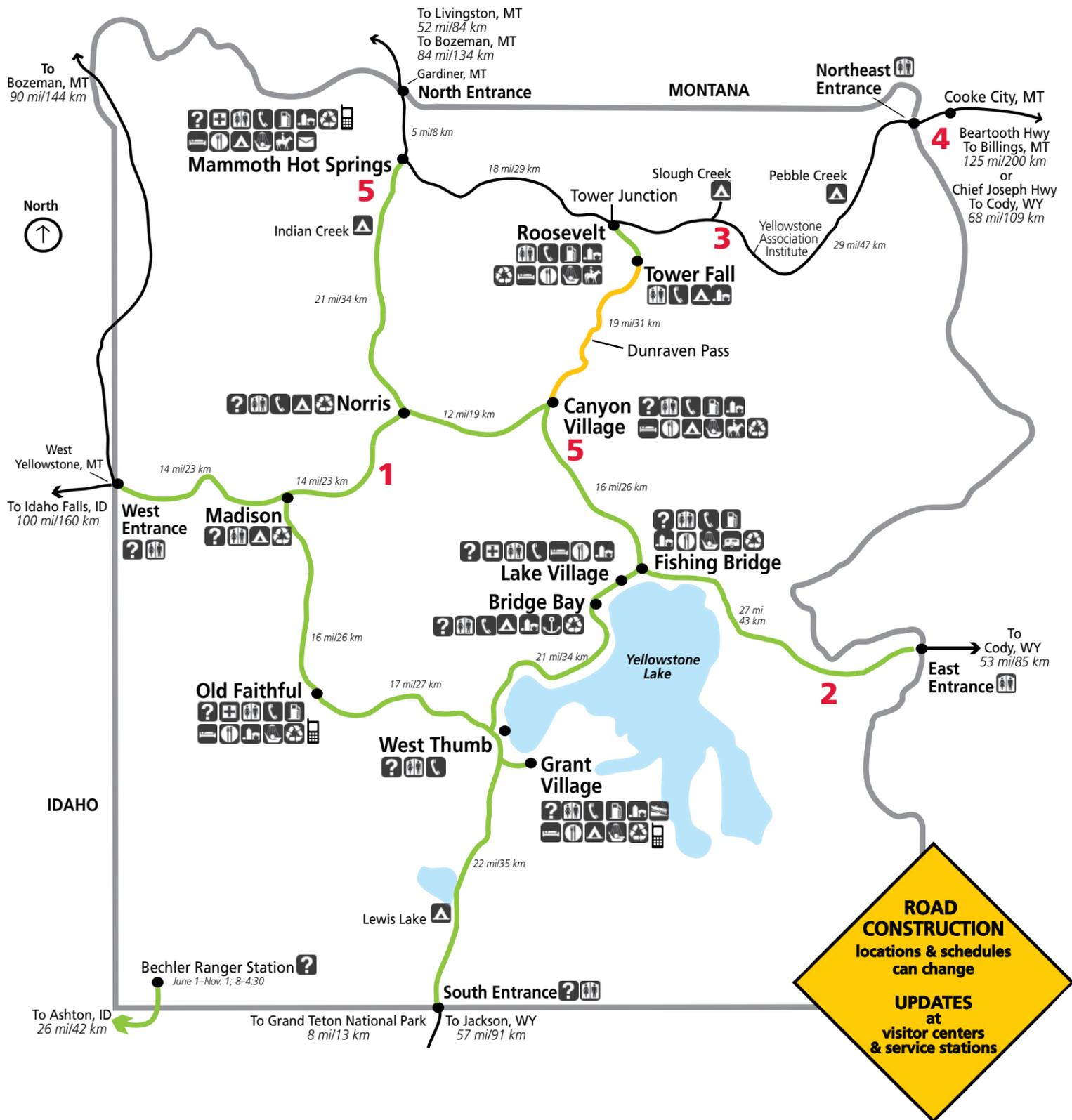
- Visitor center or information station
- Medical clinic
- Restrooms
- Telephone
- Service station
- General Store, Mini Store, Gift Shop
- Lodging
- Food
- Campground
- Camping: hard-sided units only
- Showers
- Marina
- Trail rides
- Recycling
- Cell phone service may be available in these developed areas

**SPEED KILLS**  
more than  
**100**  
deer  
moose  
bears  
elk  
bison  
wolves

**each year**



**SLOW DOWN**  
and save a life



## Seasonal Road Closings & Road Construction Delays

**Yellow line** Closes October 12 at 8 AM  
Canyon Junction to Tower Fall,  
including Dunraven Pass.

**Green line** Closes November 8 at 8 AM

**Black line** Open year-round

**1 Grand Loop Road, Norris–Madison:  
Gibbon Canyon**  
April 16–Aug. 31:  
Open 8 AM–10 PM: Expect 30-minute delays,  
except holiday weekends  
Closed 10 PM–8 AM, except holiday weekends  
Sept. 1–Oct. 20 or completion of the project:  
Open: Expect 30-minute delays, except holidays

**2 East Entrance Road**  
June 1–November 7:  
Open: Expect 30-minute delays, except holidays

**3 Northeast Entrance Road, Lamar River Bridge**  
Fall 2010: Expect 30-minute delays, except holidays

**4 Beartooth Highway (US 212)**  
For construction updates on this highway *only*,  
call 888-285-4636.  
Expect 30-minute delays, except holidays

**5 PAVEMENT PRESERVATION PROJECTS**  
Each project lasts 2–4 weeks; expect 30-minute  
delays and pilot vehicles:  
• Mammoth Hot Springs area  
• South Rim Drive of the Canyon Village area



**Yellowstone Road Updates:  
307-344-2117**

**Grand Teton National Park**  
See page 13.  
For the latest information, call 307-739-3614.

This park newspaper is funded by the Federal Lands Recreation Enhancement Act and a generous donation from the Yellowstone Association.

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

Park Information: 307-344-7381 • Emergency—Dial 911 • Road updates: 307-344-2117