



Plan your day to minimize delays.

A portion of the Grand Loop Road is closed for the season. You cannot drive between Norris Junction and Madison Junction. However, you can drive south from Norris to Artists Paintpots, a small hydrothermal area; and north from Madison Junction to Tuff Cliff, a picnic area. No pedestrian or vehicle access between these two points, except for limited fishing access. (Details available wherever you obtain your fishing permit & regulations.) For detour times and distances, look at the bright green handout given at the gate, or ask for Yell 170 at visitor centers.

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Beautiful, but . . .



Beware!

Elk are aggressive this time of year! Watch them from a safe, legal distance of at least 25 yards. See page 2.

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



NPS/Peaco

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.

While You Are Here

Stay Safe

IN HYDROTHERMAL AREAS

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

- ◆ Stay on boardwalks and designated trails. They protect you and delicate formations.
- ◆ Keep your children close to you at all times; make sure they understand the danger.
- ◆ Pets are prohibited in hydrothermal areas.
- ◆ Swimming or bathing is prohibited in hydrothermal pools or streams where water flows entirely from a hydrothermal spring or pool.
- ◆ Avoid burns & infections: 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 when viewing or photographing roadside wildlife, whether you are alone or in a wildlife jam:

- ◆ 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.
- ◆ Don't 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.
- ◆ Do not ever 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 forbidden.

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/.

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

THESE ACTIONS ARE ILLEGAL

- ◆ Possessing a firearm or weapon, including state-permitted concealed weapons, except: *Unloaded firearms may be transported in a vehicle when rendered inoperable or are packed, cased, or stored in a manner that prevents ready use.*
- ◆ Speeding (radar enforced)—except for a portion of U.S. 191, all roads within the park are posted at 45 mph or slower.
- ◆ 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.
- ◆ 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, etc.) or cultural (arrowheads, etc.) features.
- ◆ Spotlighting (viewing with artificial light) elk, deer, or other animals.
- ◆ Calling in elk by imitating their calls or using buglers.
- ◆ Imitating wolf howls.
- ◆ Using electronic equipment capable of tracking wildlife.
- ◆ 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

- ◆ Do not ever 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 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

Open daily, year-round, except Veterans' Day (Nov. 11) and Thanksgiving (Nov. 26)
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. 18, then closed.
Through Sept. 30: 8 AM–8 PM
Oct. 1–Oct. 18: 9 am–5 pm

Interactive exhibits about Yellowstone's supervolcano and other aspects of its geology. A new geology film is showing! 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 on the role of fire in Yellowstone; films shown. Information & bookstore. Call 307-344-2650.

Junior Ranger Station (at Madison Information Station)

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

Read about the Yellowstone Junior Ranger Program on page 4.

Madison Information Station

Open daily through Sept. 30, then closed.
9 AM–6 PM; bookstore closes at 5 PM

Information & bookstore. Call 307-344-2821.

Museum of the National Park Ranger, Norris

Open daily through Sept. 27, then closed.
9 AM–5 PM

Exhibits & video at historic soldier station trace development of the park ranger profession. 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.

Old Faithful Visitor Center

The visitor center is in temporary quarters near the Old Faithful Lodge. Please look for signs or ask for directions upon arrival in the area.

Open daily through Nov. 1, then closed.
Through Sept. 30: 8 AM–7 PM;
information window until 8 PM

Oct. 1–Nov. 1: 9 am–5 pm
Reopens mid-December for winter season.

Award-winning film 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

NPS desk open daily through Nov. 1,
then closed.

Through Sept. 7: 8 AM–8 PM
Sept. 8–Nov. 1: 8 am–4 pm

Information, publications. Call 406-344-2876.

West Yellowstone Chamber of Commerce.

Daily: Through Sept. 7, 8 am–8 pm
Sept. 8–30, 8 am–6 pm

Oct. 1 & thereafter: 8 am–5 pm, Mon.–Fri.
Call 406-646-7701.

Yellowstone Online

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 or podcasts free from iTunes.

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



Electronic Field Trips

Especially for middle school students & teachers: free electronic field trips at www.WindowsIntoWonderland.org

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/photosmultimedia/webcams.htm

Greater Yellowstone Science Learning Center

Find scientific research and monitoring information about Yellowstone and Grand Teton national parks on this site, which is supported by Canon U.S.A. through a grant to the Yellowstone Park Foundation, and by the Yellowstone Association. www.GreaterYellowstoneScience.org



Self-guiding Trails: Explore at your own pace

Canyon Area View the colorful Grand Canyon of the Yellowstone River and the Upper and Lower Falls from overlooks. *New this year: Accessible viewpoints and walkways all along the North Rim Drive.*

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 then walk trails past hundreds of geysers and hot springs.

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

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

New Geology Film

A spectacular new film is now showing at Canyon Visitor Education Center. Over two years in the making, *Yellowstone: Land to Life* offers an evocative look at the deep connections that exist between Yellowstone's geology and ecology. Aerial footage showing evidence of past geological forces, including volcanism, mountain building, and glaciers, is interwoven with vistas of the colors, patterns, vegetation, and wildlife that comprise the Yellowstone ecosystem. Discover how violent volcanic explosions create the soil that nourishes plants that sustain Yellowstone's abundant and diverse wildlife. From ancient landforms to rocks that are seconds old, Yellowstone is revealed as a unique place that provides us with a rare opportunity to witness Earth's power on a grand scale.

Production of *Yellowstone: Land to Life* was made possible by a generous donation from the Yellowstone Association. The film is equipped with closed captioning and audio description options. Assisted listening devices are available at the visitor center upon request.

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

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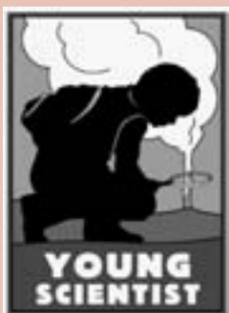
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Ranger-Led Programs

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	Sun.	Mon.	Tues.	Weds.	Thurs.	Fri.	Sat.
Canyon Village							
Yellowstone Canyon Talk <i>September 6–October 11</i> From a classic viewpoint, enjoy the Lower Falls, Yellowstone River, and the spectacular colors of the canyon while learning about the area's geology, ecology, and history. Discover why artists and photographers have been drawn to this special place. Join a park ranger on the lower platform at Artist Point on the South Rim Drive for this short talk. ♻️ 20–30 minutes	2 PM 2:30 PM 3 PM 9/6–10/11	2 PM 2:30 PM 3 PM 9/7–10/5	2 PM 2:30 PM 3 PM 9/8–10/6	2 PM 2:30 PM 3 PM 9/9–10/7	2 PM 2:30 PM 3 PM 9/10–10/8	2 PM 2:30 PM 3 PM 9/11–10/9	2 PM 2:30 PM 3 PM 9/12–10/10
Fishing Bridge & Lake Village							
Lake Scenic Cruise <i>September 8–13</i> 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 lodge-pole pine forest, and other spectacular sights. Reservations required in advance through Xanterra Parks and Resorts. Call 307-344-7311 or stop by the Bridge Bay Marina (\$15.70 for adults; \$9.92 for kids ages 2–11; free for kids under 2). ♻️ 1 hour	9:15 AM 10:45 AM 1:15 PM 9/13		9:15 AM 10:45 AM 1:15 PM 9/8	9:15 AM 10:45 AM 1:15 PM 9/9	9:15 AM 10:45 AM 1:15 PM 9/10	9:15 AM 10:45 AM 1:15 PM 9/11	9:15 AM 10:45 AM 1:15 PM 9/12
Storm Point Saunter <i>September 8–30</i> Wander along the ever-changing lakeshore and through a diversity of landscapes including a lush meadow dotted with wildflowers, “dog-hair” pines 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 9/13–9/27	10 AM 9/14–9/28	10 AM 9/8–9/29	10 AM 9/9–9/30	10 AM 9/10–9/24	10 AM 9/11–9/25	10 AM 9/12–9/26
Mud Volcano Ramble <i>September 14–30</i> “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. ½ mile. Moderately strenuous. Meet at the Mud Volcano area. 1½ hours	11 AM 9/20–9/27	11 AM 9/14–9/28	11 AM 9/15–9/29	11 AM 9/16–9/30	11 AM 9/17–9/24	11 AM 9/18–9/25	11 AM 9/19–9/26
Featured Creature <i>September 8–30</i> 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 9/13–9/27	2:30 PM 9/14–9/28	2:30 PM 9/8–9/29	2:30 PM 9/9–9/30	2:30 PM 9/10–9/24	2:30 PM 9/11–9/25	2:30 PM 9/12–9/26
River Reflections <i>September 8–30</i> 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 9/13–9/27	3:30 PM 9/14–9/28	3:30 PM 9/8–9/29	3:30 PM 9/9–9/30	3:30 PM 9/10–9/24	3:30 PM 9/11–9/25	3:30 PM 9/12–9/26
Gardiner, MT (North Entrance)							
“For the Benefit and Enjoyment of the People”—Talk <i>September 8–30</i> These words are inscribed on the famous Roosevelt Arch at the North Entrance. See the arch up close and explore the meaning of these words and how the national park idea took shape throughout the country and world. Meet on the porch of the Yellowstone Association headquarters building on Park Street (across from the arch). ♻️ 30 minutes	4 PM 9/13–9/27	4 PM 9/14–9/28	4 PM 9/8–9/29	4 PM 9/9–9/30	4 PM 9/10–9/24	4 PM 9/11–9/25	4 PM 9/12–9/26
Wonders of Yellowstone—Talk <i>September 8–30</i> 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 porch of the Yellowstone Association headquarters building on Park Street (across from the arch). ♻️ 20 minutes	5 PM 9/13–9/27	5 PM 9/14–9/28	5 PM 9/8–9/29	5 PM 9/9–9/30	5 PM 9/10–9/24	5 PM 9/11–9/25	5 PM 9/12–9/26
Grant Village & West Thumb							
Hot Water Wilderness <i>September 6–30</i> 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 Station. ½–¾ mile. ♻️ with assistance. 90 minutes	11 AM 9/6–9/27	11 AM 9/7–9/28	11 AM 9/8–9/29	11 AM 9/9–9/30	11 AM 9/10–9/24	11 AM 9/11–9/25	11 AM 9/12–9/26
Wildlife Wonders <i>September 6–30</i> 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 9/6–9/27	2:15 PM 9/7–9/28	2:15 PM 9/8–9/29	2:15 PM 9/9–9/30	2:15 PM 9/10–9/24	2:15 PM 9/11–9/25	2:15 PM 9/12–9/26
Grant Village Evening Program <i>September 6–26</i> 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. Dress warmly and bring a flashlight. ♻️ 45 minutes	7:30 PM 9/6–9/20	7:30 PM 9/7–9/21	7:30 PM 9/8–9/22	7:30 PM 9/9–9/23	7:30 PM 9/10–9/24	7:30 PM 9/11–9/25	7:30 PM 9/12–9/26
Madison							
Madison Evening Program <i>September 8–30</i> 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 9/13–9/27	8 PM 9/14–9/28	8 PM 9/8–9/29	8 PM 9/9–9/30	8 PM 9/10–9/24	8 PM 9/11–9/25	8 PM 9/12–9/26

♻️ = 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 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

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Ranger-Led Programs

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	Sun.	Mon.	Tues.	Weds.	Thurs.	Fri.	Sat.
Mammoth Hot Springs							
Tales of the Travertine Terraces—Talk <i>September 8-30</i> 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. ♻️ 20 minutes	10 AM 10:20 AM 10:40 AM 9/13-9/27	10 AM 10:20 AM 10:40 AM 9/14-9/28	10 AM 10:20 AM 10:40 AM 9/8-9/29	10 AM 10:20 AM 10:40 AM 9/9-9/30	10 AM 10:20 AM 10:40 AM 9/10-9/24	10 AM 10:20 AM 10:40 AM 9/11-9/25	10 AM 10:20 AM 10:40 AM 9/12-9/26
Calling in the Cavalry—Talk <i>September 8-30</i> In its early days, Yellowstone National Park was protected by the U. S. Cavalry. Join a ranger to learn about the Army's role in protecting Yellowstone and the National Park Idea. Meet in front of Albright Visitor Center, or in the theater if it's raining. ♻️ 20 minutes	6:30 PM 9/13-9/27	6:30 PM 9/14-9/28	6:30 PM 9/8-9/29	6:30 PM 9/9-9/30	6:30 PM 9/10-9/24	6:30 PM 9/11-9/25	6:30 PM 9/12-9/26
Norris							
Windows Into Yellowstone—Walk <i>September 8-30</i> Experience the muddy caldrons, acidic geysers, and clear pools of Norris Geysers 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 Geysers Basin Museum. Bring water, sunglasses, and sunscreen. 1½ hours	10:30 9/13-9/27	10:30 9/14-9/28	10:30 9/8-9/29	10:30 9/9-9/30	10:30 9/10-9/24	10:30 9/11-9/25	10:30 9/12-9/26
World's Tallest—Talk <i>September 8-30</i> Discover how geysers work at the world's tallest active geyser! Meet at Steamboat Geyser, about a 15-minute walk from the Norris Geysers Basin parking lot. <i>In poor weather, the talk will be held at the Norris Geysers Basin Museum. Check with a ranger at the information desk.</i> 20 minutes	3:30 PM 9/13-9/27	3:30 PM 9/14-9/28	3:30 PM 9/8-9/29	3:30 PM 9/9-9/30	3:30 PM 9/10-9/24	3:30 PM 9/11-9/25	3:30 PM 9/12-9/26
Old Faithful							
Ranger Adventure Hikes <i>September 8-30</i> 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. Reservations are required in advance and in person at the temporary Old Faithful Visitor Center. All children 15 and under must be accompanied by an adult. <i>Hike descriptions and more information are available at the temporary Old Faithful Visitor Center.</i>			8 AM 9/8-9/29 FAIRY FALLS FROLIC LIMIT: 15 HIKERS	8 AM 9/9-9/30 SHOSHONE LAKE DISCOVERY LIMIT: 15 HIKERS	8 AM 9/10-9/24 LONE STAR STROLL LIMIT: 15 HIKERS	8 AM 9/11-9/25 FAIRY FALLS FROLIC LIMIT: 15 HIKERS	8 AM 9/12-9/26 SHOSHONE LAKE DISCOVERY LIMIT: 15 HIKERS
Morning on Geyser Hill <i>September 8-30</i> 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 1¼ mile walk. Meet at the temporary Old Faithful Visitor Center. 1½ hours	9 AM 9/13-9/27	9 AM 9/14-9/28	9 AM 9/8-9/29	9 AM 9/9-9/30	9 AM 9/10-9/24	9 AM 9/11-9/25	9 AM 9/12-9/26
Geysers Galore! <i>September 8-30</i> 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 temporary Old Faithful Visitor Center. ♻️ 10 minutes	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/13-9/27	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/14-9/28	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/8-9/29	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/9-9/30	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/10-9/24	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/11-9/25	11:15 AM 11:45 AM 1:15 PM 1:45 PM 2:15 PM 2:45 PM 9/12-9/26
Geyser Discovery Stroll <i>September 8-30</i> Learn about one of the rarest geological features on Earth—geysers! Accompany a ranger through the Upper Geyser Basin exploring the world of geysers. Meet at Castle Geyser, ½ mile west of Old Faithful (15 minute walk from the visitor center). 1½ hours	2:30 PM 9/13-9/27	2:30 PM 9/14-9/28	2:30 PM 9/8-9/29	2:30 PM 9/9-9/30	2:30 PM 9/10-9/24	2:30 PM 9/11-9/25	2:30 PM 9/12-9/26
Old Faithful Evening Feature <i>September 8-30</i> Each evening a different aspect of Yellowstone's wonders will be featured during this 45-minute outdoor talk. Meet the ranger at the benches in front of Old Faithful near the temporary Old Faithful Visitor Center. ♻️ 45 minutes	7 PM 9/13-9/27	7 PM 9/14-9/28	7 PM 9/8-9/29	7 PM 9/9-9/30	7 PM 9/10-9/24	7 PM 9/11-9/25	7 PM 9/12-9/26
West Yellowstone, MT (West Entrance)							
Explore Yellowstone! <i>September 8-30</i> 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. ♻️ 20-30 minutes	9:30 AM 9/13-9/27	9:30 AM 9/14-9/28	9:30 AM 9/8-9/29	9:30 AM 9/9-9/30	9:30 AM 9/10-9/24	9:30 AM 9/11-9/25	9:30 AM 9/12-9/26
Afternoon Talk in West Yellowstone <i>September 8-30</i> 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. ♻️ 30 minutes	2 PM YELLOWSTONE HISTORIC CENTER MUSEUM 9/13-9/27	2 PM YELLOWSTONE HISTORIC CENTER MUSEUM 9/14-9/28	2 PM GRIZZLY & WOLF DISCOVERY CENTER 9/8-9/29	2 PM YELLOWSTONE HISTORIC CENTER MUSEUM 9/9-9/30	2 PM GRIZZLY & WOLF DISCOVERY CENTER 9/10-9/24	2 PM YELLOWSTONE HISTORIC CENTER MUSEUM 9/11-9/25	2 PM GRIZZLY & WOLF DISCOVERY CENTER 9/12-9/26
Evening Program in West Yellowstone <i>September 8-29</i> 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). ♻️ 45 minutes			7 PM 9/8-9/29			7 PM 9/11-9/25	

♻️ = Accessible



Sign Language Interpreters

Sign language interpreters for National Park Service interpretive programs are available.

Please make arrangements three weeks in advance by calling 307-344-2251.



Accessibility in Yellowstone

Yellowstone National Park is improving accessibility for all visitors. Some boardwalk trails, picnic tables, camp sites, and fishing areas are now accessible. Ask for the guide to wheelchair accessible features in Yellowstone; available free at entrance stations, visitor centers, and on www.nps.gov/yell/planyourvisit/parkwide-access.htm.

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

Camping & Fishing

Autumn 2009

Campgrounds

Tour the campgrounds on the internet at www.nps.gov/yell/planyourvisit/camping-in-yellowstone.htm

Listed in order of closing	Dates	Fees**	Sites	Elev (ft)	Features	RV sites
Canyon*	6/5-9/6	\$18.50	>250	7,900	A, F, S/L, DS, G	call for availability & reservations
Bridge Bay*	5/29-9/13	\$18.50	>425	7,800	A, F, DS, G	call for availability & reservations
Indian Creek	6/12-9/14	\$12	75	7,300	V	10@ 40'; 35 @ 30'; pull-through
Grant Village*	6/21-9/20	\$18.50	>425	7,800	A, F, S/L, DS, G	call for availability & reservations
Fishing Bridge RV*	5/15-9/27	\$35	>325	7,800	F, S/L, DS, G	call for availability & reservations
Norris	5/15-9/28	\$14	>100	7,500	F, G	2 @ 50' (signed); 5 @ 30'
Pebble Creek	6/12-9/28	\$12	>30	6,900	V	some long pull-throughs
Tower Fall	5/15-9/28	\$12	31	6,600	V	all @ 30' or less; has hairpin curve
Madison*	5/1-10/25	\$18.50	>250	6,800	A, F, DS, G	call for availability & reservations
Slough Creek	5/22-10/31	\$12	28	6,250	V	14 @ 30', walk through first to assess sites beyond #16
Lewis Lake	6/15-11/1	\$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.

**Fee does not include sales tax & utility fee.

A Accessible sites available
F Flush toilets
V Vault toilets
S/L Pay showers/laundry nearby
DS Dump station
G Generators OK 8 AM-8 PM

First-Come, First-Served

Seven campgrounds are operated by the National Park Service: Indian Creek, Lewis Lake, Mammoth, Norris, Pebble Creek, Slough Creek, and Tower Fall. These campgrounds are not on a reservation system. Cash only; no checks or credit cards accepted.

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 any 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.travelyellowstone.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 23-August 23; 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.

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 \$60-86 (plus sales tax & utility fee) 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.

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 11.)

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.

Attention Anglers!

You need a Yellowstone National Park fishing permit.

Fishing Season

Yellowstone's fishing season generally begins on the Saturday of Memorial Day weekend and continues through the first Sunday of November. This year, the dates are May 23-Nov. 1. **But there are many EXCEPTIONS.** Read the park fishing regulations or go to the park website: www.nps.gov/yell/planyourvisit/fishing.htm

Fishing Regulations & Permits

Obtain park fishing regulations at ranger stations, visitor centers, and general stores.

In Yellowstone, all native fish species—cutthroat trout, Arctic grayling, and mountain whitefish—are fully protected by catch-and-release only angling and use of barbless hooks. In general, wildlife takes precedence over humans as consumers of fish. However, anglers are encouraged to harvest nonnative trout where they are harming native trout, such as Yellowstone Lake and the Yellowstone and Snake river drainages.

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, Yellowstone General Stores, and flyshops 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 need a boat permit to use boats and float tubes; their use is limited to a few locations. Obtain these permits at:
non-motorized only: Canyon, Mammoth, and Old Faithful backcountry offices, Bechler Ranger Station, West Yellowstone Visitor Information Center, and Northeast Entrance
motor & non-motorized: South Entrance, Lewis Lake Campground, Grant Village Backcountry Office, Bridge Bay Ranger Station.

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

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 abounded with trout. You can help prevent the spread of harmful exotic invaders!

CLEAN YOUR BOAT

CLEAN YOUR GEAR

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."

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 instructions 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

Bear Country Tips



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.
- ◆ If you use the spray to stop a bear, leave the area immediately. The spray is effective for a short time and is less effective the second time.
- ◆ It is not a repellent. Don't spray it on people, tents, or backpacks.
- ◆ Carrying bear pepper spray is no substitute for vigilance and exercising safety precautions.

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

Each year, thousands of people join the park's official educational partner for a closer look at wildlife, plants, geology, and history. Programs are perfect for curious adults and families who want to spend a day or more exploring the park with a local expert. Their goal is to help you understand and enjoy this remarkable place. To find out more, visit www.YellowstoneAssociation.org or call 406-848-2400.



Xanterra Parks & Resorts

Xanterra Parks & Resorts

Yellowstone's lodging concessioner also offers a wide variety of in-park tours and activities. You can sign up for photo safaris, partial or full day tours, horseback and stagecoach rides, and boating and fishing adventures. For more detailed information pick up an *Experience Planner* at any hotel or visit www.TravelYellowstone.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.

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.

Meeting Park Challenges

Autumn 2009

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



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

©J. Arnold

Yellowstone's ecosystems will likely change as climate change advances. Scientists expect increased temperatures and changing patterns of rain and snow in the park. Their 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: 8,000 years ago, when temperature increases in the park equalled current increases, fires were more frequent, but *smaller and less intense*, than today.
- ◆ Insect infestations attacking trees now include four types of pine bark beetles and a

spruce budworm—a circumstance never seen before. Scientists suspect climate change at work.

- ◆ Wetlands will decline, which will decrease essential habitat for frogs, salamanders, and many birds and insects.
- ◆ Wildlife predictions vary. Bison, elk, and other animals that depend on grasslands should be able to find suitable habitat. Other species might not be so fortunate. For example, grizzly bears will have less of their most valuable foods: whitebark pine nuts, army cutworm moths, and cutthroat trout.

More detail is available at www.nps.gov/yell or www.greateryellowstonescience.org, and in *Yellowstone Resources & Issues 2009*, available at park bookstores.

Lake Trout



NPS

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. But native trout could be wiped out by the non-native lake trout.

There is no way to eliminate lake trout from Yellowstone Lake. However, park managers hope to control the growth of the lake trout population and maintain 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. This program has caught more than 350,000 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/planyourvisit/fishing.htm

Winter Use



©C. Duckworth

In winter, Yellowstone's landscape transforms into a world of snow, ice, frost, and dazzling sunshine. Wildlife such as elk migrate to lower elevations, where they are often visible to winter visitors. People have been drawn to the winter wonderland for decades; since 1949, they have toured the park on motorized oversnow vehicles.

Winter Use Planning

The National Park Service (NPS) works with local governments, businesses, concessioners, conservation and other interest groups, industry, visitors, and the public to build a sustainable future for winter use while preserving park resources and providing high quality visitor experience.

Goals of a Winter Use Plan

In the last twenty years, NPS has led a series of planning efforts to manage winter visitor use. For each of these efforts, NPS has had the following goals:

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

For the latest information, go to: www.nps.gov/yell/planyourvisit/winteruse.htm

Accessibility



©C. Duckworth

Many visitor facilities in Yellowstone National Park are more than a century old and accessibility is not always ideal. However, we are improving accessibility as quickly as possible within funding limitations. A free guide, available at the gates and visitor centers, details options available for visitors who use wheelchairs. Most of the films shown at our visitor centers now have audio and visual adaptations. And in 2008, we completed a new series of walkways and overlooks at the Grand Canyon of the Yellowstone for you to enjoy.

Along the north rim of the Grand Canyon of the Yellowstone, you can enjoy a new view of the Upper Falls from the Brink of Lower Falls Trail.

For more detailed information about trails and viewpoints in the Canyon area, pick up a copy of Canyon Area Trail Guide, available for 50¢ at viewpoints along the rims and at the Canyon Visitor Education Center. Be sure to enjoy the exhibits at the center, too!

The Old Faithful Visitor Education Center (see next page) will be accessible, and its exhibits will include tactile, audio, and visual features.

Symbols of Yellowstone

Autumn 2009

MAJOR
ROAD CLOSED
SEE
BACK PAGE

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About Old Faithful Geyser

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



Old Faithful Geyser, Upper Geyser Basin NPS

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 March 2009, 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).

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.



Whirligig Geyser, Norris Geyser Basin NPS/Peaco
Colors in hydrothermal areas come from minerals and heat-loving microorganisms called thermophiles.



Great Fountain Geyser, Lower Geyser Basin NPS

New Old Faithful Visitor Education Center Opens in 2010

A new Old Faithful Visitor Education Center is being built, and is planned to open in August 2010. It will provide visitors with a central location for learning about Yellowstone's hydrothermal features and life in these unique environments.



Major funding for the Old Faithful Visitor Education Center is provided by the Yellowstone Park Foundation.

The new Old Faithful Visitor Education Center is being planned to meet "Gold LEED Certification" (see page 11)—one of the first visitor centers in the National Park System to do so.

Its "green" features will include:

- ◆ Recycled materials and salvaged wood
- ◆ "Snow zones"—a natural soil moisture recharge system surrounding the building
- ◆ Locally and regionally manufactured materials
- ◆ A ventilation system in the foundation that acts as a thermal buffer to protect the sensitive geothermal area
- ◆ A multi-zone heating and cooling system that allows for a reduced heated space in winter
- ◆ Renewable resource cork flooring
- ◆ Low-flow restroom plumbing
- ◆ State-of-the-art lighting to reduce electricity consumption

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

American Recovery and Reinvestment Act & The National Park Service

10

In Yellowstone National Park

Yellowstone National Park will receive \$15 to \$19 million dollars in project funding from the American Recovery and Reinvestment Act of 2009 (ARRA). This is part of a \$750 million investment in nearly 800 projects throughout the National Park Service.

The largest Yellowstone project is the construction of a new wastewater treatment plant at Madison Junction. The new plant will replace a 50 year old facility that struggles to handle summer demands and was never designed to operate during winter.

Another project funded by ARRA takes a new “spin” on an old idea. Nearly a century ago when the U.S. Army was still running Yellowstone, a Pelton water wheel was installed to generate electricity for Mammoth Hot Springs. The original unit was taken out of service long ago, but ARRA funding will support the installation of a new micro hydropower system to harness power from drinking water already stored for use. Using this clean power source will reduce the annual greenhouse gas emissions by 695 tons and save the park approximately \$80,000 each year in electricity costs.



NPS/Peaco

Yellowstone Projects Funded by ARRA

In Yellowstone, 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. Of the projects funded in Yellowstone, at least six will be accomplished through contracts and seven will utilize NPS employees.

Completed Projects

- ◆ Resurface South Entrance Road
- ◆ Repair hazardous propane service line at Fort Yellowstone

Approved Projects

- ◆ Demolish and replace Madison Wastewater Facility
- ◆ Demolish and replace roof of wastewater management lift station
- ◆ Improve restroom facilities to eliminate contamination issues
- ◆ Realign segments of the Shelf Lake Trail
- ◆ Rehabilitate and repave South Rim Drive
- ◆ Rehabilitate the Observation Peak Trail
- ◆ Repair boardwalks near thermal features
- ◆ Repair deteriorating trails and footbridges
- ◆ Replace deteriorating spring and reservoir to ensure clean drinking water
- ◆ Replace leaking underground fuel storage tanks and remediate soil contamination
- ◆ Construct micro hydropower facility at Mammoth Hot Springs

Possible Future Projects

- ◆ Provide Youth Conservation Corps Team to address deferred maintenance and resource projects in FY 2010
- ◆ Demolish substandard trailers and replace with 8-plex in Mammoth
- ◆ Remediate remaining contaminated soils at Canyon Village to obtain Wyoming Site Closure Permit
- ◆ Replace outdated heating boilers in Mammoth buildings with energy efficient models
- ◆ Replace windows in Mammoth quarters
- ◆ Replace pumps, motors, and valves in all water and wastewater plants

In the National Park Service

Through the American Recovery and Reinvestment Act, the National Park Service is investing \$750 million in nearly 800 projects. All projects are NPS priorities and meet the Recovery Act's rigorous criteria of addressing highest mission needs, generating the largest number of jobs in the shortest period of time, and creating lasting value for the American people. Additional funding through the Federal Highway Administration will improve park roads for millions of visitors.

Construction projects will build, rehabilitate, or replace facilities to help preserve natural and cultural resources and ensure safe, fun, and educational experiences for visitors.

Deferred maintenance projects will repair, rehabilitate, or maintain critical facilities to extend their useful life. The NPS will

undertake major repair and rehabilitation work and will complete cyclic maintenance to prevent an increase in the maintenance backlog.

Energy efficient equipment replacement efforts

will replace aging vehicles, heavy equipment, and heat/air systems with next generation energy efficient equipment. By reducing its fossil fuel consumption, the NPS will reduce its carbon footprint and fuel costs.

Trails projects will complete work to restore trails for safer use and to extend the life of trails across the national park system. In addition, trail work will provide opportunities for youth and young adults to participate in meaningful experiences on public lands and to contribute to the NPS mission.

Abandoned mine lands safety projects

will remedy serious health and safety concerns at the sites. A consideration in choosing a particular remedy is the ability to provide continued use of the mine openings as wildlife habitat by maintaining access and airflow.

Road maintenance projects will preserve park roads and parkways and rehabilitate deteriorated road networks. The NPS is responsible for approximately 5,450 paved miles of public park roads, 6,544 miles of unpaved roads, the equivalent of 948 paved miles of parking areas, and 1,679 structures such as bridges, culverts, and tunnels.

Check for NPS project updates at www.doi.gov/recovery/nps

ARRA is funding other NPS projects near Yellowstone

IDAHO approximately \$775,000

Craters of the Moon National Monument and Preserve

- ◆ Install photovoltaic system at headquarters
- ◆ Replace path to campground, currently on road shoulder, with a safe trail that meets ADA requirements

Hagerman Fossil Beds National Monument

- ◆ Repair and replace boundary fencing

Minidoka Internment National Historic Site

- ◆ Maintain trails
- ◆ Remove safety hazards from landscape
- ◆ Repair boundary fence along canal

WYOMING approximately \$32,260,000

Devils Tower National Monument

- ◆ Paint exterior of historic buildings

Fort Laramie National Historic Site

- ◆ Paint, plaster, and repair floor coverings in historic structures and ruins

Fossil Butte National Monument

- ◆ Repair walks and patios at visitor center

Grand Teton National Park

- ◆ Demolish and replace unsafe Colter Bay maintenance shop

- ◆ Rehabilitate historic Lower Granite Canyon Trail
 - ◆ Rehabilitate Moose maintenance building; remove unneeded structures
- ##### John D. Rockefeller, Jr. Memorial Parkway
- ◆ Demolish structure and stabilize eroding slope at Flagg Ranch

MONTANA approximately \$20,144,000

Big Hole National Battlefield

- ◆ Replace roof, install fire suppression, and build climate controlled entrance in visitor center to improve energy efficiency

Bighorn Canyon National Recreation Area

- ◆ Perform preventative maintenance on dumpsters parkwide to improve sanitation

Glacier National Park

- ◆ Correct health and safety hazards at Many Glacier Hotel
- ◆ Rehabilitate comfort stations to meet ADA requirements
- ◆ Rehabilitate historic West Lakes District emergency services building
- ◆ Rehabilitate multiple historic quarters
- ◆ Repair backcountry trails and campgrounds
- ◆ Repair trails with high visitor use

Grant-Kohrs Ranch National Historic Site

- ◆ Preserve historic windows and doors of house
- ◆ Repair beams of historic red barn
- ◆ Repair frames of seven historic structures

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

"Greening" Yellowstone

Autumn 2009

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ROAD CLOSED
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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 vehicle fleet includes 17 hybrids. In 2004, Toyota Motor Sales U.S.A. Inc. donated four Prius hybrids (photo below). The hybrid combines a highly efficient gasoline engine with an electric motor that, when braking, captures energy to charge its batteries. The Prius has 90% lower emissions than the average car, better fuel efficiency, and it 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.
- ◆ 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 195,000 miles and averages 17 miles per gallon with less smoke, hydrocarbons, nitrogen oxides, and carbon monoxides emitted in the exhaust.
- ◆ 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 Old Faithful Visitor Education Center (*see page 9*) and the West Entrance Station (*now open*).

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 Ranger Station & Residence is partially powered by solar panels.
- ◆ Lamar Buffalo Ranch uses a solar panel array that provides more than 70% of its energy needs.

Park rangers often use hybrid cars.



Annual Recycling

In 2008, Yellowstone National Park and its concessioners kept 79% of the park's waste out of landfills. The park recycled:

- ◆ 118 tons of newspapers, office paper, and magazines
- ◆ 22 tons of aluminum and steel
- ◆ 318 tons of glass
- ◆ 44 tons of plastic containers
- ◆ 278 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!



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.

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

Entrance Fees

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 blind or permanently disabled and present such documentation.

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Friends of Yellowstone

Autumn 2009

You Can Help Preserve and Protect Yellowstone

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

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

*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
- new state-of-the-art Old Faithful Visitor Education Center (opening date August 2010)
- and many more

To learn more
or to donate online visit us at
www.yppf.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

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Online at: www.YellowstoneAssociation.org



YELLOWSTONE
ASSOCIATION

Canyon • Fishing Bridge • Gardiner • Grant Village
Madison • Mammoth • Norris • Old Faithful • West Thumb

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

Grand Teton National Park

Autumn 2009

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

Visit the new Craig Thomas Discovery & Visitor Center and the Laurance S. Rockefeller Preserve Center.

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)	\$19	Evening	09/27
Gros Ventre (360 sites)	\$19	Evening	10/09
Jenny Lake (49 sites)	\$19	11 AM	09/27
Lizard Creek (60 sites)	\$18	Evening	08/31
Signal Mt. (86 sites)	\$20	Afternoon	10/18

Jenny Lake is open to tents only. Other campgrounds accommodate tents, trailers, and recreational vehicles (30-foot restriction at Signal Mt.). All campgrounds have modern comfort stations, but none have utility hookups. The maximum 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 09/27)	800-628-9988
Colter Bay RV Park (closes 09/27)	800-628-9988
Dornan's Spur Ranch Cabins (all year)	307-733-2522
Flagg Ranch Resort (closes 09/28)	307-543-2861 or 800-443-2311
Jackson Lake Lodge (closes 10/04)	800-628-9988
Jenny Lake Lodge (closes 10/11)	307-733-4647
Signal Mt. Lodge (closes 10/18)	800-672-6012

Lodging can also be found in surrounding communities.

Information

Colter Bay Visitor Center & Indian Arts Museum—May 9 to October 12. Information, audiovisual programs, permits, and publication sales. Phone: 307-739-3594.

Flagg Ranch Information Station—June 1–Sept. 7. Phone: 307-543-2372.

Jenny Lake Ranger Station (climbing information)—Through September 20. Phone: 307-739-3343.

Jenny Lake Visitor Center—May 15–Sept. 27. 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 24–Sept. 27. Sensory exhibits and orientation to the 8-mile trail network. Phone: 307-739-3654.

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

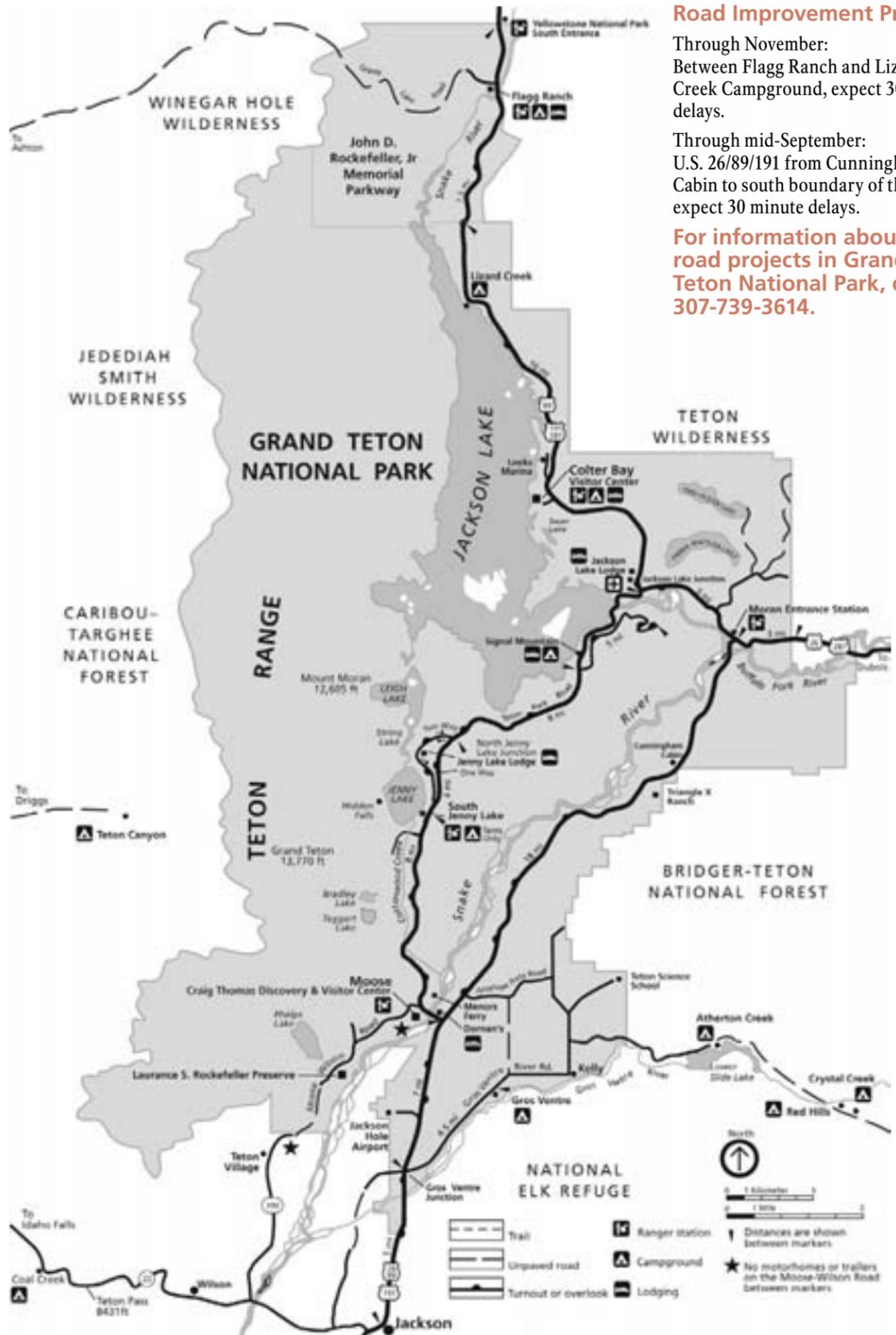
Medical Clinic

Grand Teton Clinic, located near Jackson Lake Lodge. Daily, late May 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 Moose or Colter Bay visitor centers or the Jenny Lake Ranger Station. Boating requires a Grand Teton boating permit, sold at visitor centers. A Wyoming fishing license is required to fish in Grand Teton National Park.



Road Improvement Projects

Through November: Between Flagg Ranch and Lizard Creek Campground, expect 30 minute delays.

Through mid-September: U.S. 26/89/191 from Cunningham Cabin to south boundary of the park, expect 30 minute delays.

For information about all road projects in Grand Teton National Park, call 307-739-3614.

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

National Forests Near Yellowstone & Grand Teton

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

Communities Near Yellowstone & Grand Teton

Montana	Wyoming
Big Sky 406-995-3000	Cody 800-393-2639
Billings 800-735-2635	Dubois 307-455-2556
Bozeman 800-228-4224	East Yellowstone/Wapiti Valley 307-587-9595
Cooke City–Silver Gate 406-838-2495	Jackson 307-733-3316
Gardiner 406-848-7971	Idaho
Livingston 406-222-0850	Idaho Falls 866-365-6943
Red Lodge 888-281-0625	Eastern Idaho Visitor Information Center 800-634-3246
Virginia City 800-829-2969	
West Yellowstone 406-646-7701	

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

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ROAD CLOSED

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Services in Yellowstone

Autumn 2009

"I STOPPED AT THE FRONT DESK TO ASK THE GUY FOR A PARK MAP.

He handed one over, but said he had something better. Put me on the next Yellow Bus Tour. I spent the day riding underneath clear blue skies, through herds of bison, and past gigantic geysers. That's when I realized – it wasn't about the places I could go on a map. It was about where Yellowstone was taking me."



For tours and more information, stop by the front desk in any Yellowstone hotel or call 866-GEYSERLAND.

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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.

ecologix
Xanterra's Environmental Commitment

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 1.5 million pounds of material and diverted over 70% of our waste from the landfill!

Choose Green: When shopping in our retail gift shops, look for our "Sustain the Earth" logo—this designates sustainable products and be sure to use or purchase a reusable bag!



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 2008, 30% 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. Visit www.travelyellowstone.com/futuregenerations for a list of green living tips and more information about climate change in our national parks.

Thank you for helping us preserve Yellowstone!

IMPORTANT PHONE NUMBERS

EMERGENCY: 911

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

Park Information:
307-344-7381

Park Tip Line
307-344-2132

Call the tip line to report a crime or criminal activity. Leave as much detail as you can—who, what, where, when. Leave your name and number, or you can remain anonymous.

Lost & Found Call 307-344-5387 to report or retrieve items lost in lodging facilities; call 307-344-2109 to report or retrieve items lost in other parts of the park.

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

Reservations For lodging, dining, camping, and activity reservations, call Xanterra Parks & Resorts, 307-344-7311, TDD 307-344-5395, or toll-free 866-439-7375. You can also make reservations at lodging front desks or activities desks.

Dinner reservations required at Grant Village Restaurant, Lake Yellowstone Hotel Dining Room, Old Faithful Inn Dining Room.

Worship Services Most major denominations and interdenominational services

available in summer, in the park and in communities near the park. Information on bulletin boards at campgrounds and visitor centers.

 **Recycling** You can recycle glass, cans, paper, cardboard, plastic bottles with narrow necks, office paper, magazines, small propane canisters (used with camp stoves and lanterns), household batteries. See map on back page for general locations; inquire locally.

SPOTLIGHT ON NEARBY NATIONAL PARK UNITS



Grant-Kohrs Ranch National Historic Site

Wide open spaces, the hard-working cowboy, his spirited cow pony, 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. Open daily except Thanksgiving (Nov. 26), Christmas (Dec. 25), New Year's Day. 406-846-3388; www.nps.gov/grko

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 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 (N.A.) is creditor and issuer of the Yellowstone Park Foundation Visa Platinum Card. Card photo by Tom Murphy.

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Services in Yellowstone

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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
Visitor Information books, videos, maps, other educational items	Visitor Education Center Through 9/30 8 AM-8 PM Oct. 1-18: 9 AM-5 PM	Visitor Center Through 9/30 8 AM-7 PM	Visitor Center (Grant) Through 9/30 8 AM-7 PM Information Center (West Thumb) Through 9/30 9 AM-5 PM		Albright Visitor Center Through 9/30 8 AM-7 PM Oct. 1 & thereafter: 9 AM-5 PM	Information Station Through 9/30 9 AM-6 PM Museum of the National Park Ranger Through 9/27 9 AM-5 PM	Visitor Center Through 9/30 8 AM-7 PM Information window open until 8 pm Oct. 1-Nov. 1: 9 AM-5 PM		West Yellowstone Visitor Information Center NPS rangers available Through 9/7: 8 AM-8 PM 9/8-11/1: 8 AM-4 PM Information Station (Madison) Through 9/30: 9 AM-6 PM
Medical clinic				Open 5/22-9/21 8:30 AM-8:30 PM 307-242-7241	Open year-round Daily in summer 8:30 AM-5 PM 307-344-7965		Open 5/16-10/4 7 AM-7 PM 307-344-7325		
Service station snacks, drinks, ice Credit card service at pump 24 hours a day	Gas: May 1-Oct. 12 Repairs & Wrecker May 22-Sept. 1 Call 406-848-7548 for assistance	Gas: May 15-Sept. 27 Repairs & Wrecker May 22-Sept. 1 LP Gas available Call 406-848-7548 for assistance	Gas (Grant): May 22-Sept. 20 Repairs & Wrecker May 22-Sept. 1 LP Gas available Call 406-848-7548 for assistance		May 8-Oct. 5 Call 406-848-7548 for assistance		Lower: May 1-Oct. 12 Upper: May 23-Sept. 14 Wrecker: May 1-Oct. 12 Repairs: May 22-Sept. 1 Call 406-848-7548 for assistance	June 5-Sept. 7 Diesel available Call 406-848-7548 for assistance	
General Store groceries restaurant souvenirs camping & fishing gear	May 17-Oct. 2 (also has ATM, espresso, jewelry)	May 8-Oct. 5 (also has ATM, jewelry)	Grant May 22-Sept. 21 (also has ATM, jewelry)	Lake May 16-Sept. 2	Year-round (no restaurant)		Lower: May 22-Oct. 5 Upper: May 1-Oct. 19	Tower May 15-Sept. 25 (no restaurant)	
Outdoor Store recreation gear, snacks, fast food souvenirs	Yellowstone Adventures Apr. 17-Nov. 1			Bridge Bay May 29-Sept. 7					
Mini Store groceries, some camping & fishing gear, souvenirs			Grant May 11-Oct. 5					Roosevelt June 5-Sept. 7	
Gift shop (in lodging facilities)	Canyon Lodge May 29-Sept. 27		Grant Village May 22-Sept. 27	Lake Hotel May 15-Oct. 4 Lake Lodge June 10-Oct. 4	Mammoth Hot Springs Hotel May 8-Oct. 11		Old Faithful Inn May 8-Oct. 11 Old Faithful Snow Lodge April 17-Nov. 1 Old Faithful Lodge May 15-Sept. 27	Roosevelt Lodge June 5-Sept. 7	
Hotel	Canyon Lodge May 29-Sept. 27		Grant Village May 22-Sept. 27	Lake Hotel May 15-Oct. 4	Mammoth Hot Springs Hotel May 1-Oct. 5		Old Faithful Inn May 8-Oct. 11 Old Faithful Snow Lodge May 1-Oct. 18		
Cabins	Canyon Lodge May 29-Sept. 27			Lake Hotel May 15-Sept. 27 Lake Lodge June 10-Oct. 3	Mammoth Hot Springs Hotel May 1-Oct. 5		Old Faithful Lodge May 15-Sept. 13 Old Faithful Snow Lodge May 1-Oct. 18	Roosevelt Lodge June 5-Sept. 7	
Restaurant (see also General Store)	Canyon Lodge May 29-Sept. 27		Grant Village May 22-Sept. 27 Lake House at Grant June 5-Sept. 20	Lake Hotel May 15-Oct. 4	Mammoth Hot Springs Hotel May 1-Oct. 5		Old Faithful Inn May 8-Oct. 11 Old Faithful Snow Lodge May 1-Oct. 18	Roosevelt Lodge June 5-Sept. 7	
Cafeteria	Canyon Lodge May 29-Aug. 30			Lake Lodge June 10-Sept. 28			Old Faithful Lodge May 15-Sept. 13		
Snacks, light meals, fast food (see also stores)	Picnic Shop May 29-Sept. 13			Lake Hotel Deli May 22-Oct. 4	Terrace Grill May 15-Oct. 11		Old Faithful Inn, Bear Paw Snack Shop: May 8-Oct. 11 Old Faithful Snow Lodge, Geyser Grill April 17-Nov. 1 Old Faithful Lodge Bake Shop May 15-Sept. 27		
Campground Details on p. 6 **Reservations accepted	**Canyon: 6/5-9/6 (laundry) Norris, 12 mi east, 5/15-9/28	**RV Park (hard-sided units only; laundry) 5/15-9/27	**Grant: 6/21-9/20 (laundry) Lewis Lake, 10 mi south, 6/15-11/1	**Bridge Bay: 5/29-9/13 **Fishing Bridge RV Park (hard-sided units only; laundry): 5/15-9/27	Mammoth: All year Indian Creek, 9 mi south, 6/12-9/14 Norris, 21 mi south, 5/15-9/28	Norris: 5/15-9/28	**Madison, 16 mi north, 5/1-10/25	Tower Fall, 3.5 mi south, 5/15-9/28 Slough Creek, 7 mi east, 5/22-10/31 Pebble Creek, 18 mi east, 6/12-9/28	**Madison, 5/1-10/25
Showers	Canyon Campground	RV park	Grant Campground		Mammoth Hot Springs Hotel		Old Faithful Inn	Roosevelt Lodge	
Marina Boat Tours Trail Rides	Trail Rides 6/21-8/29			Bridge Bay: Dock rental 5/22-9/13 Boat Tours 6/15-9/6	Trail Rides 5/22-9/12			Trail & Stagecoach Rides 6/5-9/6 Cookout 6/6-9/6	

Road, service, & program schedules can change during the autumn! • Always check locally for updates!

ROAD INFORMATION

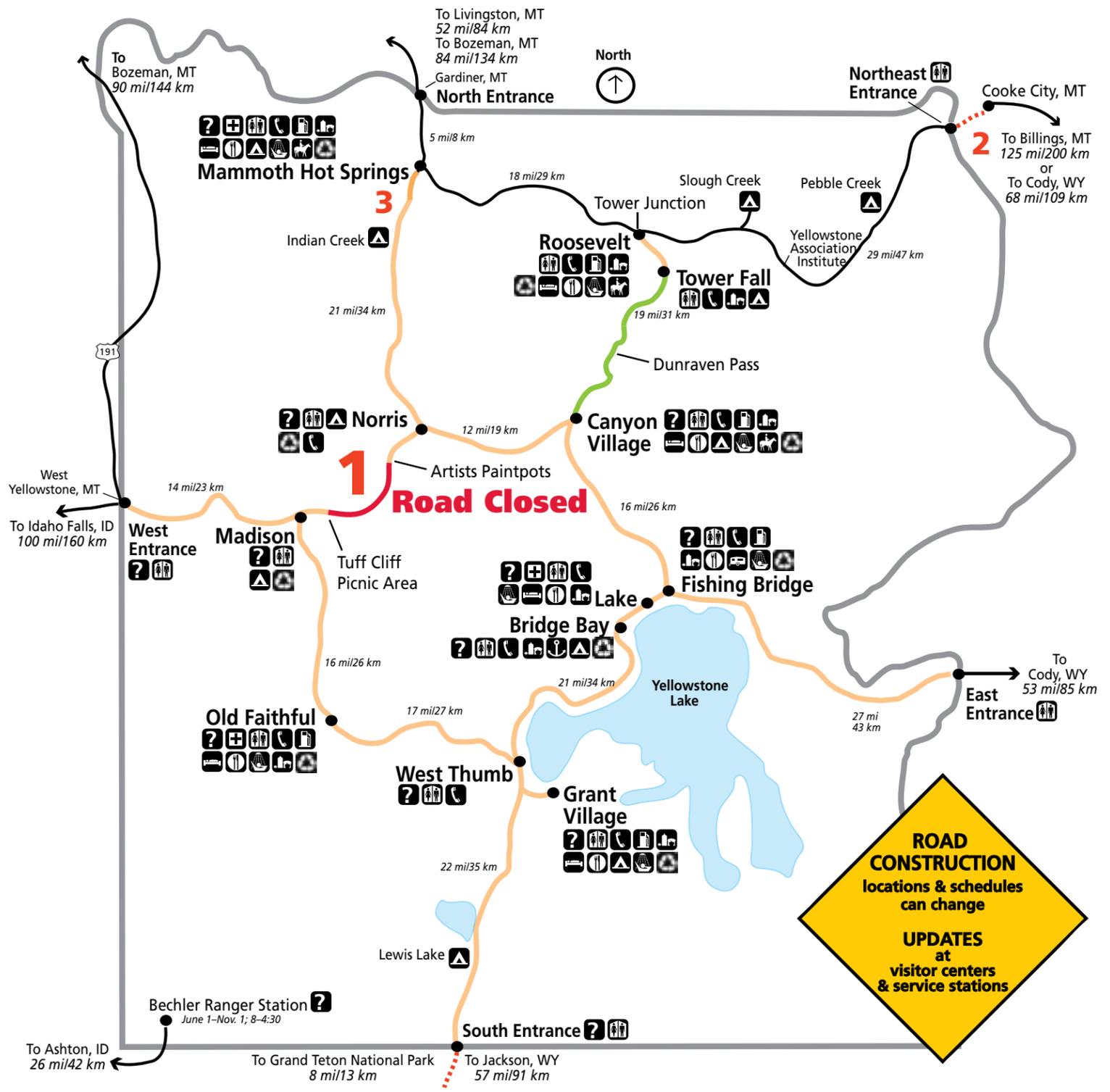
- Visitor center or information station
- Medical clinic
- Restrooms
- Telephone
- Service station
- General Store, Mini Store, Gift Shop
- Lodging
- Food
- Campground
- Camping: hard-sided units only
- Showers
- Marina
- Trail rides
- Recycling

SPEED KILLS
more than
100
deer
moose
bears
elk
bison
wolves

each year



SLOW DOWN
and save a life



ROAD CONSTRUCTION
locations & schedules
can change

UPDATES
at
visitor centers
& service stations

— **CLOSED** **1** **Grand Loop Road, Norris-Madison: Gibbon Canyon**

..... **Construction**

— **Closes October 13 at 8 AM**
Canyon Junction to Tower Fall, including Dunraven Pass.

— **Closes November 2 at 8 AM**

— **Open year-round**

About the Road Projects

All these projects are part of a multi-year commitment to upgrade park roads—many of which are more than 80 years old. Gibbon Canyon (1 on the map) is particularly challenging due to the terrain and because the park is relocating part of the road. The new route will cross the Gibbon River on a new bridge, then climb up and along the rim of Gibbon Canyon where visitors will enjoy new views and new picnic areas. In addition, the Gibbon Falls Overlook is being improved. The road had to be closed early this year so that the new bridge could be constructed. If all goes well, the new route will be completed in 2010.

2 **Beartooth Highway (US 212)**
For construction updates on this highway *only*, call 888-285-4636.
Northeast Entrance through Cooke City:
Through September 25, open with 30-minute delays Mon.–Fri.; no weekend or holiday work.
Milepost 25–43.1 (state line): Through November, open but expect 30-minute delays.

3 **Pavement Preservation Project**
Mammoth Hot Springs area: Expect 30-minute delays and pilot vehicles.

Grand Teton National Park
Road construction in three parts of the park; see page 13 for more information. Expect 30 minute delays and possible night closures. For construction updates on this project *only*, 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.TravelYellowstone.com

Park Information: 307-344-7381 (TDD: 307-344-2386) • Emergency—Dial 911 • Road updates: 307-344-2117