



The Tahoma News

July 1 - September 2, 2002

The National Park Service cares for special places saved by the American people so that all may experience our heritage. Mount Rainier National Park is a source of inspiration, providing boundless opportunities for exploration, solitude, and contemplation.

Welcome to Your National Park!

Whether you are looking for wilderness solitude or historical architecture, spectacular drives or challenging hikes, Mount Rainier National Park has something for you. This issue includes information that will help you plan your activities and have a safe and enjoyable visit.

What You Need To Know

- There are five major visitor areas:
Longmire (southwest corner)
Paradise (south side)
Ohanapeosh (southeast corner)
Sunrise/White River (northeast corner)
Carbon River/Mowich Lake (northwest corner).
- Parking can be difficult or impossible to find on sunny summer weekends at Paradise, Sunrise, Grove of the Patriarchs, and at trailheads between Longmire and Paradise. Try to visit these areas on weekdays, arrive early in the day, or carpool to the park.
- Park roads are winding, road shoulders are narrow, and the speed limit is 35 m.p.h. in most areas. Watch for pedestrians, sightseers, and wildlife. Use pull-outs to allow faster drivers to pass you safely.

How Much Will It Cost?

Entrance fees are \$10 per single non-commercial vehicle (good for 7 days). Admission is free if you have a Golden Age, Golden Access, Golden Eagle, Annual, or National Parks Pass.

You can pack a picnic lunch or eat at the National Park Inn in Longmire, the Sunrise Day Lodge, or the Jackson Grill or the Paradise Inn in Paradise. Average cost per person is \$10 for lunch and \$18 for dinner.

Plan for Construction Delays

Long snowy winters mean that most of Mount Rainier's maintenance and rehabilitation work must be done during the busy summer season. Please allow extra time in your schedule to accommodate construction delays. Use the time to enjoy the views ... and read *The Tahoma News!*

Rehabilitation work on the guardwalls along the roadway from Christine Falls to Paradise, the Paradise Valley Road, and along Washington State Route 123 (between Panther Creek and Deer Creek) is underway this summer. Delays of 5-10 minutes can be expected during weekday work periods, at localized areas along the roadways.

Occasional 5-10 minute delays may occur at the White River Entrance during the weekday work period due to replacement of the entrance booth. This project is being funded by your park entrance fees through the Fee Demonstration Program.

We appreciate your patience as we continue to improve visitor facilities. Please drive carefully. Park roads are narrow with numerous tight curves and you'll be sharing them with many other drivers, construction equipment and crews, bicyclists, and pedestrians.

Buckle up, obey speed limits, and please slow down through the construction zones! Take the time to have a safe and enjoyable visit to your national park!

Welcome!

...to Mount Rainier National Park, a crown jewel of the northwest and of the National Park System. Behind the beautiful scenes of this great park are an exceptional group of women and men who are at work around the clock to preserve and protect park resources and provide for a quality experience for you.

Road crews are up early to clear rock fall or to patch holes in our mountain highways, trail crews are out for days repairing bridges for safe stream crossings, climbing rangers patrol the high mountain to educate and assist climbers, and protection rangers work the front country and wilderness to ensure your visit is a safe one. Biologists sample the air, water and wildlife to keep a pulse of the sensitive environment of the park, and interpreters work the information desks and lead walks that inform us all about the wonders of Mount Rainier. Electricians, plumbers, carpenters, and water treatment operators keep the infrastructure operational and restore the great historic structures of the park, and administrators keep the supplies in stock, the computers running, and the budgets accountable.

These are employees of the U.S. Government and they take a great deal of pride in the service they provide to you and the park every day. National Parks have consistently been one of the most popular destinations in America not only because they are beautiful places, but also because they are maintained with a deep devotion from a small dedicated staff along with an energetic group of volunteers. So when you are out there in the parks this summer and see one of the "behind the scenes" workers, say thanks. I do.



Superintendent Jon Jarvis

Jonathon B. Jarvis, Superintendent
Mount Rainier National Park

You're Invited to Attend Special Summer Events at Mount Rainier!

Longmire Lives: People of the Past, Summer Speaker Series, And More

See Page 7 for more information.

2 Exploring Rainier

Are you looking for a park experience that includes slowing down, solitude, or getting back to nature? Check out the next page for some suggestions on less visited areas and trails in the park.

3 Wild Encounters

What would you do if you came face to face with a bear or a mountain lion or encountered bad weather on the Muir Snowfield? Find out how to prepare for an encounter with the wilder side of Mount Rainier.

8 Park Information

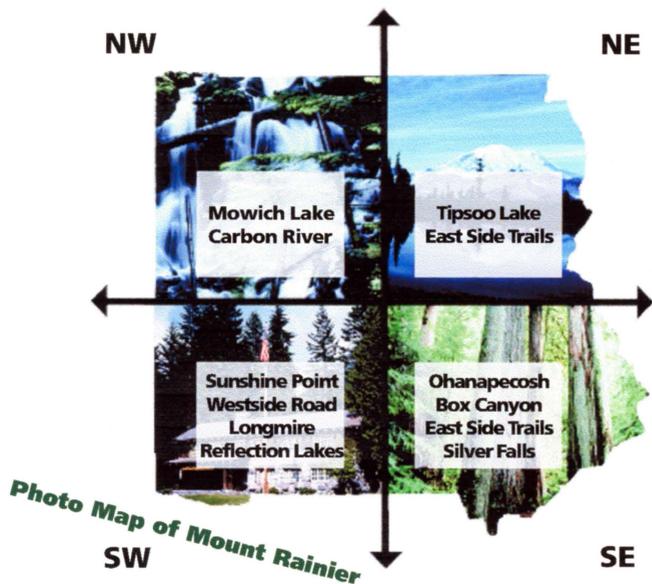
Where are the visitor centers? When are they open? Where can I get something to eat? Which campground is right for me? How do I get a Wilderness Permit? It's all on the back page!

Staying Safe ... 3

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Accessibility

Most comfort stations, visitor centers, picnic areas, and designated campsites are accessible or accessible with help for wheelchair users. Accessible lodging is available inside the park and in local communities. In the Jackson Visitor Center at Paradise, written information, exhibits, and scripts for uncaptioned audiovisual programs are available. An accessible boardwalk at Kautz Creek (3 miles west of Longmire) overlooks the 1947 debris flow and a view of the mountain. TDD: (360) 569-2177

How Far Is It?	One-way Driving Times & Distances	
	Road	Distance
Longmire to Paradise	12 miles	25 minutes
Paradise to Ohanapecosh	23 miles	45 minutes
Ohanapecosh to the Sunrise/White River turnoff	17 miles	30 minutes
The Sunrise/White River turnoff to Sunrise	14 miles	45 minutes
Seattle to Paradise via Highway 706	99 miles	2.5 hours
Seattle to Paradise via Highway 410 and Enumclaw	109 miles	3 hours
Yakima to Paradise	99 miles	2 hours

Discovering Rainier – Off The Beaten Path

If you are in the park on a busy day you may want to explore less-visited areas to escape the biggest crowds. In taking the extra time to seek out these special places, you can immerse yourself in an old growth forest, reflect next to a cascading waterfall, hike in virtual solitude, or just relax, take in the view, and reconnect with nature. No matter where you go in the park you will find spectacular scenery and a multitude of recreation opportunities! Use the above photo map and your park map to choose a place to visit and the best route to get there.

Interested in Old Growth Forests? Visit Ohanapecosh (SE) to explore lush old growth forests of Douglas fir and western red cedar. There is also a self-guided nature trail behind the visitor center that leads past hot springs and the site of an early resort.

How about Subalpine Meadows and Lakes? For an outstanding wildflower meadow experience highlighted by beautiful lakes, try Reflection Lakes (SW), Mowich Lake (NW), or Tipsoo Lake (NE). In early August the meadows should be bursting with color providing a great backdrop for these tranquil lakes set in glacially carved basins.

Is Geology Your Interest? Then drive 3 miles to the end of the Westside Road (SW) near the Nisqually Entrance to view the dramatic results of flooding and rockfall. You may even see a mountain goat gazing down at you from high above on the cliff face! For great views of lava layers, glaciers, and a

glacially carved canyon stop at one of the first pullouts on Ricksecker Road (SW).

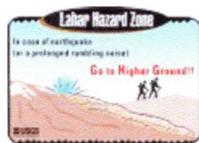
Wild for Waterfalls? Then the east side (Highways 123 and 410) of the park is the place to go. The powerful Silver Falls near Ohanapecosh is only a 0.3 mile hike from Route 123 or you can take the 1.3 mile trail from Ohanapecosh Campground. For those who like to hike, take the East Side Trail to one or all of the many waterfalls dotting the route. Start off of Highway 123 – park at a small pullout 0.5 mile south of Deer Creek – or at Grove of the Patriarchs on Stevens Canyon Road.

Did You Bring a Picnic? If so there are many smaller picnic areas scattered around the park. From Nisqually Entrance (SW) stop at Sunshine Point for a picnic with a view of Nisqually River or at Kautz Creek where you can take a short walk to view the aftermath of the 1947 Kautz Creek mudflow. At Ohanapecosh (SE) stop at the picnic area adjacent to the campground for a picnic set in deep green old growth forest. West of Ohanapecosh you can stop at the Box Canyon Picnic Area just east of the Box Canyon Interpretive Site. Be sure to stop at the latter for a look at the Cowlitz River, 180 feet below, as it cuts a narrow deep slot into the bedrock. From the Tipsoo Lake picnic area (NE) you'll have a great view of the meadows surrounding the lake. Picnic at Mowich Lake (NW) and admire the fragile wildflower meadows surrounding the deepest and largest lake in the park.

Are You a History Buff? If so, then Longmire (SW) is the place to visit. The Longmire Museum is the starting point for the Longmire Historic District Walking Tour. Take the self-guided tour of the historic district to get a taste of early National Park Service rustic architecture. Follow the Trail of the Shadows to learn about the park's first homestead and resort.

Prefer Uncrowded Trails? Many trails leave from the Reflection Lakes (SW) area including the Lakes, High Lakes, Mazama Ridge, and the Wonderland Trails, with Snow and Bench Lakes Trail located in a pullout just down the road to the east. Another great area for trails is on the east side along Highways 123 and 410. From south to north you will find Silver Falls, Three Lakes, East Side, Shriver Peak, and Crystal Lakes trails to name a few. Trails in the Mowich Lake area lead to subalpine lakes and amazing meadows.

If you are tempted by any of these opportunities, stop by a visitor center or entrance station for more information and consult your park map for locations. Enjoy visiting your National Park!



Mount Rainier: An Active Volcano

Recent research has improved our understanding of Mount Rainier, an active volcano. Although earthquakes usually come before eruptions, other geologic hazards like mudflows (lahars), glacial outburst floods, and rockfalls can occur without warning.

Needless to say, the longer you stay in an area where there are geologic hazards, the greater the chance that you could be involved in an emergency event. While most people consider the danger to be relatively low, you must decide if you will assume the personal risk of visiting these potentially dangerous locations.

If you are near a river and notice a rapid rise in water level, feel a prolonged shaking of the ground, hear a roaring sound coming from upvalley — often described as the sound made by a fast-moving freight train — move quickly to higher ground! A location 160 feet or more above river level should be safe. Detailed information is available from scientists at the U.S.G.S. Cascades Volcano Observatory, 1300 SE Cardinal Court, Building 10, Suite 100, Vancouver, WA 98661, www.volcan.wr.usgs.gov.



Mount Rainier is a place of great beauty and inspiration.

You may be inspired to take a picture or to get a close-up look at a wildflower. But stop and consider your actions before you step off the trail.

With each step you take onto a meadow, an average of 20 plants are impacted!

Supalpine vegetation survives in a harsh environment. With a short growing season, plants take longer to recover from damage. Much of the plant's energy is spent on rapid flowering. Even if a plant survives the weight of your footstep, it may be stunted for years.

Please remember this when exploring Mount Rainier's fragile meadows and...

Please, Stay on Trails!

“Leave No Trace” of your Wilderness trip

- plan ahead & prepare
- travel & camp on durable surfaces
- dispose of waste properly
 - leave what you find
- minimize campfire impacts*
 - respect wildlife
- be considerate of other visitors

* for emergency use only; fires are not allowed in Mount Rainier’s Wilderness.

Carry the “10 Essentials” and know how to use them!

- map of the area
 - compass
- extra food and water
 - first aid kit
- flashlight or headlamp
- sunglasses & sunscreen
 - pocketknife
- extra clothing & rain gear
 - emergency shelter
- matches in a waterproof container*



Careful! Seconds after this picture was taken, 1920 Climbing Guide Erroll Rawson fell into the crevasse. Shaken but unharmed, he emerged a wiser man.

Wilderness camping permits are required for all overnight stays in the park’s backcountry. Climbing permits are required for travel above 10,000’ and/or on glaciers.

Animal Encounters

The beauty and wonder of Mount Rainier National Park doesn’t just come from the scenic grandeur of a single, towering mountain. The presence of wild creatures remains an essential part of the experience of wilderness. Being in the home of large creatures like bear and mountain lion can make Mount Rainier an exciting – and sometimes scary – place to visit. Though you are not likely to see them, if you do meet one of these larger mammals, learning more about them serves as your best defense – and theirs!



Avoiding Mountain Lions

- Hike in a group rather than alone. Avoid running – don’t look like prey
- Keep children close to you – preferably in view just ahead of you
- Never approach cougar kittens – leave the area immediately
- Follow the rules regarding pets in the park – don’t take your pet on trails or in the backcountry and some are never found.

never leave it unattended at the campground – you could lose it!

If You Meet A Mountain Lion

- DON’T RUN! Stand still and face the lion with your companions
- Immediately pick up and hold small children
- Stand upright, open your jacket and try to make yourself appear larger
- Shout and make noise
- If attacked, fight back aggressively
- Report all sightings at the nearest ranger station or call (360)569-2211 ext. 2334.

Bear Sense

- Never feed a bear, either intentionally or by leaving food unsecured
- Do NOT approach bears or cubs
- If a bear approaches you, try to scare it away by shouting and making noise
- If attacked, fight back aggressively
- Report all sightings to the nearest ranger station or call (360)569-2211 ext. 2334

Hiking Safety In Late Season Snow

Because this year’s snowfall is higher than usual, some trails will remain snow-covered well into summer.

- You will need a reliable map and compass skills in many areas of the park because snow-covered trails can be difficult to follow. Panhandle Gap, Spray Park, and Seattle Park are frequent problem areas.
- Avoid crossing steep, snow-covered slopes where a fall could be disastrous. Turn around instead. Comet Falls and Pinnacle Peak trails often have hazardous slopes. Take an ice axe if you know how to use it.
- Falling through thin snow bridges is a hazard anywhere streams remain snow-covered. Stay alert for the muffled sound of running water.
- Falling into snow moats around trees, and adjacent to logs and rocks, can cause injury. Avoid getting too close.
- Avoid stepping on wet, slippery rocks, especially near rivers and waterfalls. Common hazard areas are Narada Falls and Silver Falls.
- Avoid stepping onto snow cornices. They may collapse under your weight.
- Beware of avalanches!
- Before starting your hike, stop by a Wilderness Information Center or park visitor center for current trail conditions or visit the park’s website at www.nps.gov/mora.

The Secret to a Great Visit

Mount Rainier National Park offers excellent opportunities for adventure, exploration, learning, and just plain having fun! The secret to a great visit? Staying safe! Reduce the risk of spoiling your trip by following these guidelines:

Pay Attention to the Weather

Think about all the ways weather can outsmart you. It’s easy to get lost or injured when the weather deteriorates, the trail is covered with snow, and you don’t know where you are. You might be in an avalanche zone and not even know it.

Eyes on the Trail

You may be hiking before trail crews have a chance to clear away fallen trees or replace missing foot logs at river crossings. Be especially careful at river crossings. Many people underestimate the power of the water and are unaware of the large, rolling boulders it carries. If you must cross, go in the morning when rivers are generally lower.

Prepare and Take Care

Bring the “10 Essentials” with you and know how to use them (see top of page). Tell someone your travel plans so they can notify the park if you fail to return. Do not travel alone. If visibility is poor, do not travel at all. Taking these few precautions could save your day...and your life!

Hiking the Muir Snowfield?

The Muir Snowfield, a permanent field of snow, ice, and rock outcrops, is located north of Paradise between 7,000 - 10,000 feet in elevation. Thousands of people hike on the Muir Snowfield each year en route to Camp Muir. On a clear day, the hike is spectacular. But when the weather deteriorates, as it often and unpredictably does, crossing the Muir Snowfield can be disastrous. More hikers, skiers, climbers, and snowboarders get lost on the Muir Snowfield each year than in the rest of the park combined. While many find their way out, searches must be initiated for others, and some are never found.

What makes the Muir Snowfield such a dangerous place? The snowfield is made up of snow and rocks. In whiteout conditions, snow, rocks, and sky look the same, making it extremely difficult to stay oriented. Even those who have hiked the snowfield dozens of times (including park rangers) find it easy to get off course. Travel too far west and you’ll encounter cliffs, avalanche chutes, and the huge crevasses of the Nisqually Glacier. Veer too far east and you’ll end up on the Paradise Glacier, with its many crevasses and steep cliffs. In 1999, four people died on the Muir Snowfield. Two had ascended the snowfield dozens of times and were very experienced hikers.

Don’t Become a Muir Snowfield Statistic!

- Avoid the snowfield in questionable weather, especially if you are alone or unprepared. Weather conditions can change suddenly and drastically.
- If you’re ascending and clouds or fog start rolling in, turn around and head back to Paradise. If that’s not possible, stop moving, dig in, and wait for better weather.
- Without a compass, map, and altimeter, it is extremely difficult to find your way to the trailhead in a whiteout. Carry these items and know how to use them!
- Do not attempt to descend from Camp Muir in poor weather. Do not descend on skis or a snowboard in limited visibility – you could become quickly lost!
- When hiking to Camp Muir, be sure to carry emergency bivouac gear so that you can spend the night out if you have to.
- While it may be disappointing to abandon your hike to Camp Muir, remember that the snowfield will be there for you next time, in better weather. Ask a ranger for tips on other areas to explore during your visit.

**IN CASE OF EMERGENCY
DIAL 9-1-1**

Mount Rainier Main Telephone:

TDD: 569-2177

General: 569-2211

You're Invited!

Join a park ranger for an evening program, guided nature walk, or talk and explore the natural resources and cultural history of Mount Rainier National Park. A variety of programs are offered throughout the park each day. Distances are roundtrip.

Longmire/Cougar Rock Area

Sunday
Monday
Tuesday
Wednesday
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Saturday

Mountain Legacy

4:30 p.m.
Explore Longmire and learn about the people and ideas behind the creation of Mount Rainier National Park. Meet in front of the Longmire Museum (30 minutes).

Junior Ranger Program

8 p.m. thru July 31. 7:30 p.m. beginning August 1.
Join a ranger for fun and educational activities for kids ages 6-11. Meet at the Cougar Rock Campground Amphitheater. Additional parking is available at the picnic area across from the campground (45 minutes).

Evening Program at Cougar Rock Campground

9 p.m. thru July 31. 8:30 p.m. beginning August 1.
Explore a variety of topics on Mount Rainier's natural and cultural history. Program topics are listed on area bulletin boards. Meet at the Cougar Rock Campground Amphitheater. Additional parking is available at the picnic area across from the campground (45 minutes).

Carter Falls Hike

2 p.m.
Experience the lush forest along the Paradise River en route to Carter Falls. Meet at the trailhead 2.1 miles east of Longmire, just east of the Cougar Rock Campground (2 hours, 2 miles).

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FACILITIES & SERVICES



The **Longmire Museum** (information, exhibits, and book sales) is open daily from 9:00 a.m. to 6:00 p.m. Tel. (360) 569-2211 ext. 3314

The **Longmire Wilderness Information Center** is open daily from 7:30 a.m. - 5:00 p.m. for wilderness camping and climbing permits and reservations. Tel. (360) 569-HIKE

The **National Park Inn** and the **General Store** are located nearby. See page 8 for hours and services.

The **Sunshine Point** and **Cougar Rock Campgrounds** are located nearby. See page 8 for details.

Paradise Area

Sunday
Monday
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Saturday

Meadow Meander

11 a.m.
Explore the wildflower meadows around Paradise and learn how life adapts to mountain conditions. This walk is wheelchair accessible with assistance; check with the rangers at the front desk. Meet at the flagpole outside the Jackson Visitor Center (1.5 hours, 1 mile).

Junior Ranger Program

2 p.m.
Hey kids! Cool stuff happens at Paradise! Meet a ranger for fun and educational activities for kids ages 6-11. Programs may be indoors or outdoors, weather and activity dependent. Meet at the Jackson Visitor Center lobby, near the relief map. Parents are welcome (1 hour).

Perilous Beauty

10 a.m. & 2:30 p.m.
Did you know that Mount Rainier is an active volcano? Learn more in this video. Jackson Visitor Center auditorium (30 minutes).

Nisqually Vista Walk

3 p.m.
Is Mount Rainier an active volcano? What's the difference between glacial ice and regular ice? Learn about our active, icy volcano on this leisurely walk. Meet at the flagpole outside the Jackson Visitor Center (1.5 hours, 1.25 miles).

Evening Program at Paradise Inn

9 p.m.
Explore a variety of topics about Mount Rainier National Park. Topics are posted in the Jackson Visitor Center and the Paradise Inn. Meet in the Paradise Inn lobby (45 minutes).

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FACILITIES & SERVICES



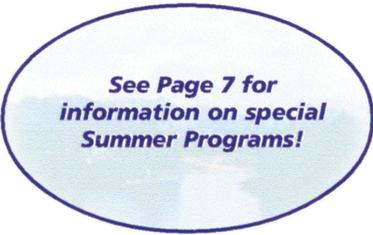
The **Jackson Visitor Center** (climbing permits 1:00 p.m. - 7:00 p.m. daily, information, exhibits, films, book sales, food service, gifts, and showers) is open daily from 9:00 a.m. to 7:00 p.m. Tel. (360) 569-2211 ext. 2328

The **Paradise Ranger Station** (climbing permits) is open daily. Sun. - Fri. 7:00 a.m. - 1:00 p.m. Sat. 6:00 a.m. - 1:00 p.m. (may close during rescues or medical emergencies). Tel. (360) 569-2211 ext. 2314

The historic **Paradise Inn** is located nearby. See page 8 for hours and services.

Do You Know?

What park location was named for Mrs. James Longmire's exclamation "Oh, what a Paradise!" upon first seeing its amazing wildflower meadows?



Junior Ranger Activity Book



Hey Kids!

Ask for a **Junior Ranger Activity Book**. It's FREE and available at visitor centers. Complete it and you'll earn a badge and certificate. You'll also learn lots of cool stuff about your park!

Sunrise/White River Area

Emmons Glacier Walk

9 a.m.
Walk to a close-up view of the largest glacier in the contiguous United States. Meet at the White River Patrol Cabin in the White River Campground (2 hours, 3.5 miles).

Sunrise Stroll

3 p.m.
Explore the natural and cultural history of Sunrise on this short walk. Meet at the Sunrise Visitor Center (30 minutes, 0.5 mile).

Mount Fremont Lookout

1 p.m. to 4 p.m.
A park naturalist will be available to answer your questions as you enjoy the view. Meet at the Mount Fremont Fire Lookout. 6 miles (roundtrip) hike from Sunrise.

Junior Ranger Program

10 a.m.
Meet a ranger for fun and educational activities for kids ages 6-11. Meet at the White River Campground amphitheater (45 minutes).

Evening Program at White River Campground

7 p.m.
Explore a variety of Mount Rainier natural and cultural history topics. Program topics/titles are listed on area bulletin boards. Meet at the White River Campground Campfire Circle (45 minutes).

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FACILITIES & SERVICES



The **Sunrise Visitor Center** (information, exhibits, and book sales) is open daily from 9:00 a.m. to 6:00 p.m. Tel. (360) 663-2425

The **White River Wilderness Information Center** is open daily for climbing and wilderness information and permits.
Sat. - Wed. 7:30 a.m. - 4:00 p.m.
Thurs. & Fri. 7:30 a.m. - 7:00 p.m.
Tel. (360) 663-2273

The **Sunrise Day Lodge** offers food service and a gift shop (no overnight lodging). See page 8 for hours and services.

The **White River Campground** is located nearby. See page 8 for details.

Park History

Sunrise Park was formerly known as Yakima Park. The area was once a favorite hunting and gathering area of the Yakama Indians. It is said that they also raced horses and held warrior competitions here.

Ohanapecosh Area

Grove of the Patriarchs Walk

10 a.m.
Walk along the Ohanapecosh River to a magnificent grove of ancient trees. Meet at the Grove of the Patriarchs parking area (limited parking), near the Stevens Canyon Entrance Station (1 hour, 1.5 miles).

Junior Ranger Program

2 p.m.
Fun in the forest for kids ages 6-11. Space is limited. Register at the Ohanapecosh Visitor Center. Meet at the Ohanapecosh Campground Amphitheater (1 hour).

Evening Program at Ohanapecosh Campground

9 p.m. thru July 31. 8:30 p.m. beginning August 1.
Explore a variety of Mount Rainier natural and cultural history topics. Program topics/titles are listed on area bulletin boards. Meet at the Ohanapecosh Campground Amphitheater (45 minutes).

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FACILITIES & SERVICES



The **Ohanapecosh Visitor Center** (information, exhibits, and book sales) is open daily from 9:00 a.m. to 6:00 p.m. Tel. (360) 569-6046

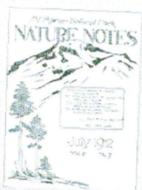
The **Ohanapecosh Campground** is located nearby. See page 8 for details.

Ohanapecosh?

Means "Standing at the edge" according to Jim Yoke, Taidnapam Indian. The name actually refers to a point 3 miles down river where the river becomes too rocky for fish to travel upstream.

Nature Notes on the Web

A Window to the Past



"There is an old, oft-told story concerning a Mississippi River steamboat. The boat had such a big whistle that it took all the steam to blow it, and every time it blew, the boat stopped. Some of our smaller animals seem to be designed in the same way. The writer has observed the whistling marmots blowing their whistles. The marmot stands up straight, his furry cheeks giving him an appearance very much like Chauncey Depew, and as he whistles, his shoulders heave and his fore-legs wave. Whistling seems to take all his steam."
--August 15th, 1927

Want to learn about Mount Rainier National Park through the eyes of old-time rangers? Check out *Nature Notes* on Mount Rainier's website. From 1923 through 1939, park naturalists published hundreds of issues of *Nature Notes*. They feature articles on plants, wildlife, and history, along with poems, illustrations, and anecdotes. Over 100 issues are on the web, and we'll keep adding until the collection is complete. Check out: www.nps.gov/mora/notes/nn-intro.htm

Traveling Ranger

The National Park Service, with funding from Washington's National Park Fund, is offering ranger talks and audiovisual presentations to local communities and groups. If you would like a ranger to attend your organization's function, please call (360) 569-2211 ext. 3319.

Partners in Park Protection

Who's responsible for protecting Mount Rainier National Park? Everyone!
Here are some people who deserve special thanks:

Visitors Like You

Just by paying the entrance fee, you make a difference. Eighty percent of the fees collected at Mount Rainier are kept in the park, while twenty percent are made available to other parks in need. Your money is helping several projects right now:

- Planning for the new Education Center
- Rehabilitating park trails
- Upgrading exhibits and media
- Rehabilitating picnic areas
- Analyzing prehistoric materials at a rock shelter archeological site

As you explore the park, look for signs of your fees at work:

UserFee

improves this park



Northwest Interpretive Association

NWIA operates bookstores in the park's visitor and information centers. As a nonprofit organization benefitting educational programs in the national parks and forests of the Pacific Northwest, NWIA plays an important role in making interpretive and educational publications available to travelers. It also funds special interpretive projects in the areas it serves. For more information or membership, call (360) 569-2211, ext. 3320, or visit NWIA on the web at: www.nwpubliclands.com.

Washington's National Park Fund



The Fund was created to restore, enhance, and preserve Washington's national parks. The Fund is a private, independent, not-for-profit organization that works with individuals, businesses, foundations, and others to secure financial and volunteer support for projects to improve the parks. This year at Mount Rainier, the Fund will contribute to projects like the emergency roadside assistance program, geology web page development, community outreach programs, and monitoring marbled murrelets. If you'd like to help, look for donation boxes at park visitor centers, or contact Executive Director, Washington's National Park Fund, 2112 Third Avenue, Suite 501, Seattle, WA 98121. Tel. (206) 770-0627 www.wnfp.org.

Volunteers

Each year more than 85,000 volunteers donate over 3,000,000 hours of service in the national parks. They come from every state and nearly every country in the world to help preserve and protect America's natural and cultural heritage for the enjoyment of this and future generations. At Mount Rainier National Park, 729 volunteers contributed a total of 36,559 hours in 2001. We express our deep appreciation to them and to all who are volunteering in 2002! If you are thinking about volunteering, contact Volunteer Coordinator, Tahoma Woods, Star Route, Ashford, WA 98304-9751. Tel. (360) 569-2211 ext. 3385.

Kodak

Through the National Park Foundation's Imaging Product Donation Program, Kodak has generously donated \$4,339 worth of photographic equipment, including film, cameras, and projectors. This equipment will be used to enhance and update the park's image collection, and supplement exhibits, programs, and website graphics. Thank you, Kodak!

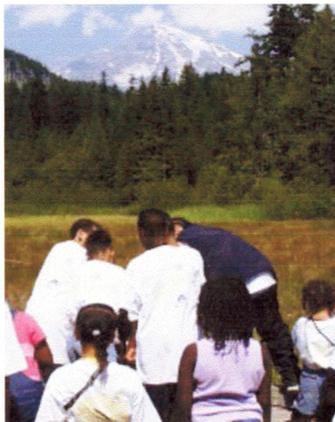
Doing Our Part!

We all share the responsibilities of caring for our environment and conserving scarce natural resources. You probably do your part at home by carpooling and by turning down your thermostat and switching off your lights. Staff at Mount Rainier National Park do these things and many more out of concern for the environment and in response to old and new environmental laws.



We conduct environmental analysis on construction and design projects. The park is engaged in a wide variety of planning and construction projects that have the potential

to impact park resources including air, water, plants, wildlife, historic structures, etc. To determine what those impacts might be, the park is required to conduct environmental analysis. Resource professionals and other staff engage in collaborative planning to identify the best possible alternatives, with the least possible impacts.



We focus on using new "green" products as they are developed. One of our park generators and all our diesel vehicles now run on special emissions-reducing fuel made with a soybean-based, low-sulfur fuel. Additionally, we recently added 18 new vehicles with a propane fuel option to the park fleet. As an ENERGY STAR Partner Organization we are committed to lowering our energy consumption by purchasing ENERGY STAR rated devices including refrigerators, furnaces, and computers.



We reduce our consumption of resources by reusing and recycling products. In addition to the usual items - aluminum, plastic, glass, paper - we recycle scrap metal, used oil, batteries and a number of other items. We purchase recycled products including plastic bags, picnic tables, and lumber; pre- and post-consumer recycled paper; and automobile products.

Be part of the effort! Please deposit aluminum cans, plastic bottles, and glass in the recycle cans located throughout the park.

Park Planning

Mount Rainier National Park Superintendent Jonathan B. Jarvis is pleased to announce that the Record of Decision for the Final Environmental Impact Statement and General Management Plan (FEIS/GMP) for Mount Rainier National Park has been approved. The park is now able to move forward in implementing the GMP.

Under the new General Management Plan, park managers will improve stewardship of park resources while continuing to provide a range of high-quality visitor experiences. Most of the park (97%) is designated Wilderness and will continue to be managed according to the provisions of the Wilderness Act. Most of the structures within the park are listed on the National Register of Historic Places and will be preserved for public use and enjoyment in their historical character. The primary goals of the new General Management Plan are to better manage peak-period visitation so that it does not adversely affect park resources and visitor experiences.

Copies of the Record of Decision are available from the Superintendent, Mount Rainier National Park, Tahoma Woods, Star Route, Ashford, Washington 98304-9751; (360) 569-2211 (ext. 2301). The Record of Decision and the Final EIS/GMP is also available in its entirety via the Internet at the National Park Service's website www.nps.gov/planning/mora/finalgmp/home.htm.

Deep green forests and natural wonders. Civil War battlefields and presidential homes. In grand cities and grand canyons...



AS A VISITOR Maui to Maine, Alaska to the Everglades, use your Pass for admission to national parks requiring entrance fees. It's good for one full year.

AS A PARTNER Approximately 80% of proceeds from your purchase of a National Parks Pass supports projects that make the national parks experience possible.

Plus, your Pass includes a map showing all the national parks, a Proud Partner vehicle decal, and entitles you to a FREE subscription to *GoParks Newsletter* that puts you at the forefront of park activities and events.

Purchase your National Parks Pass at any Mount Rainier Entrance Station, on-line at www.nationalparks.org, or by calling 1-888-GO-PARKS.

Just \$50
(plus shipping and handling if you buy on-line or by phone).

If you only plan to visit Mount Rainier National Park, consider the Mount Rainier Annual Pass. It costs \$30 and, like the National Parks Pass, is good for one full year. It does not include the *GoParks Newsletter*, decal, or national parks map.

**365 DAYS • 385 WAYS
TO EXPERIENCE
YOUR AMERICA**

Mount Rainier Institute Summer Speaker Series 2002

Join a subject matter expert on Wednesday and Thursday evenings for an in-depth look at a special aspect of the park's history and resources. All talks are free and open to all. Times and locations vary.

Locations:

CR Cougar Rock Campground Amphitheater
OH Ohanapecosh Campground Amphitheater
WR White River Campground Campfire Circle
PI Paradise Inn Lobby

Wednesday, July 17 – 9 p.m., CR
8500 Years of Human History: The Archeology of Mount Rainier
Greg Burtchard, Archeologist, NPS

Thursday, July 18 – 9 p.m., PI
Extreme Plants: Survival of the Fittest
Laurie Kurth, Plant Ecologist, NPS

Wednesday, July 24 – 7 p.m., WR
Bear Aware
Cori Conner, Biological Technician, NPS

Thursday, July 25 – 9 p.m., CR
Earthquakes! (and other things that shake up the Mountain)
Steve Malone, Professor of Geophysics, UW

Wednesday, July 31 – 9 p.m., CR
Mountain Medley: Songs, Stories and More...
Patricia Heusner and others, Park Ranger, NPS

Thursday, August 1 – 9:00 p.m., PI
Tell it on the Mountain: The Story of Mount Rainier's Original Park Naturalists
Deborah Osterberg, Museum Curator, NPS

Wednesday, August 7 – 7 p.m., WR
The Call of the Backcountry
Jack Morrison, Park Ranger, NPS

Thursday, August 8 – 8:30 p.m., CR
Bear Aware
Cori Conner, Biological Technician, NPS

Wednesday, August 14 – 8:30 p.m., OH
Stories on the Mountainside
Rebecca Hom, Storyteller

Thursday, August 15 – 9 p.m., PI
Stories on the Mountainside
Rebecca Hom, Storyteller

Wednesday, August 21 – 7 p.m., WR
Mountain Fever
Jim Ross, Park Ranger, NPS

Thursday, August 22 – 8:30 p.m., CR
The Wildlife We Don't See
Ellen Myers, Biological Technician, NPS

Wednesday, August 28 – 9:00 p.m., PI
On the Move at Mount Rainier
Paul Sadin, Park Ranger-Historian, NPS

Longmire Special Event

Longmire Lives: People of the Past

Saturday, August 17

8:30 p.m. - 10:30 p.m.

Meet in front of the National Park Inn.

Historical characters emerge from the darkness along the Trail of the Shadows as you walk the trail with a ranger. Meet the people who explored, settled, climbed, and protected Mount Rainier more than 100 years ago. Lantern tours depart every 20 minutes. Bring a warm jacket and a flashlight, and wear sturdy shoes.

OLYMPIC PARK INSTITUTE (OPI) Event at Mount Rainier

Registration and fees required. Contact OPI at (360) 928-3720 or www.yni.org/opi for information.

Saturday, August 3 Wildflowers of Mount Rainier

Jack Morrison, Naturalist



Gray Jays are common in the park – you may see other visitors feeding them. This is illegal, unhealthy for the animals *and* they've been known to accidentally bite the hand that feeds them! Protect yourself and park wildlife. *Keep wildlife wild! Please do not feed the wildlife.*

MOUNT ST. HELENS INSTITUTE Event at Mount Rainier

Registration and fees required. Contact the Mount St. Helens Institute at (360) 891-5095 or www.mountstheleinsitute.org for information.

Saturday, September 7 Emmons Glacier Geologic Odyssey

Carolyn Driedger, Hydrologist
U.S. Geologic Survey

Easy & Moderate Hikes

Area	Trail Name	Trailhead Location	Roundtrip Distance	Comments
Carbon River	Rainforest Nature Trail	Carbon River Entrance	0.3-mile loop trail	Self-guided trail through an inland temperate rainforest.
	Longmire	Twin Firs	1.9 miles west of Longmire	0.4-mile loop trail
Trail of the Shadows		Across road from the National Park Inn	0.7-mile loop trail	Good for children & evening strolls. Meadow/Mtn. views.
Carter Falls		2 miles east of Longmire	2 miles	Easy hike, climbs 500' at end.
Paradise	Nisqually Vista	Just west of the Jackson Visitor Center	1.25-mile paved loop	Meadow & glacier views, strollers OK.
	Myrtle Falls	Upper parking lot, near the restrooms	1 mile via the east side of the Skyline Trail/paved	Leads through wildflower meadows to a waterfall. Great views of the Mountain.
Stevens Canyon Rd	Bench & Snow Lakes	1 mile east of Louise Lake, south of road	2.5 miles	Watch for bears in late summer.
	Box Canyon	11 miles east of Paradise	0.5-mile loop	View a deep, narrow canyon.
Ohanapecosh	Grove of the Patriarchs	Near Stevens Canyon entrance	1.2-mile loop	Old growth forest, ancient trees.
	Silver Falls	Ohanapecosh Visitor Center	2.4-mile loop	Old growth forest, waterfall.
Mather Parkway	Tipsoo Lake	Off SR 410, east of Cayuse Pass	0.5-mile loop	Short trail around the lake. Mountain views.
White River	Emmons Moraine Trail	Upper end of White River Campground	3 miles	Mountain and glacier views.
Sunrise	Emmons Vista	South side of parking lot	1 mile	Suitable for strollers.
	Nature Trail	North side of parking lot	1.5 miles	Wildflower meadows and great Mountain views.

Check trail conditions before hiking. Trails and roads may be snow-covered. Please stay on trails. Do not pick wildflowers or feed wildlife. Pets are not allowed on trails.



Visitor Centers

Longmire Museum (360) 569-2211 ext. 3314
Information, exhibits, book sales, climbing permits
 9:00 a.m. - 6:00 p.m. daily

Jackson Visitor Center (Paradise)

(360) 569-2211 ext. 2328
Information, exhibits, movies, book sales, food service, gifts, showers
 9:00 a.m. - 7:00 p.m. daily

Ohanapecosh Visitor Center (360) 569-6046

Information, exhibits, book sales
 9:00 a.m. - 6:00 p.m. daily

Sunrise Visitor Center (360) 663-2425

Information, exhibits, book sales
 9:00 a.m. - 6:00 p.m. daily



Food & Lodging

For lodging reservations in the park call Mount Rainier Guest Services at 360-569-2275 or go to www.guestservices.com/rainier

National Park Inn (Longmire)

Lodging and dining. Open year-round.
 Front desk: 7:00 a.m. - 10:00 p.m. daily
 Restaurant: 7:00 a.m. - 8:30 p.m. daily

National Park Inn Post Office

Open year-round. Closed Sundays & holidays.
 8:30 a.m. - 5:00 p.m. weekdays
 8:30 a.m. - 12:00 p.m. Saturdays

General Store (Longmire)

Groceries, gifts, firewood. Open year-round.
 8:00 a.m. - 8:00 p.m. daily
 Firewood is also available in Loop A of the Cougar Rock Campground:
 4:00 p.m. - 9:00 p.m. daily

Jackson Visitor Center (Paradise)

Grill & Gift Shop:
 10:00 a.m. - 7:00 p.m. daily
 Showers located in the basement:
 9:00 a.m. - 7:00 p.m. daily

Paradise Inn

Lodging, lounge, dining, gifts
 Front Desk: Open 24 hours daily
 Dining Room:
 Breakfast: 7:00 a.m. - 9:30 p.m.
 Lunch: 12:00 noon - 2:00 p.m.
 Dinner: 5:30 p.m. - 8:30 p.m.
 Sunday Brunch: 11:00 a.m. - 2:30 p.m.
 Glacier Lounge: 12:00 noon - 11:00 p.m.
 Gift Shop: 8:00 a.m. - 9:00 p.m.
 Snack Bar: 9:00 a.m. - 6:00 p.m.

Sunrise Lodge

Day use only/no overnight lodging
 Snack Bar/Gift Shop:
 10:00 a.m. - 7:00 p.m.



Gasoline, lodging, dining, recreation equipment rentals, and other services are available in local communities. A list of these services is available at park visitor centers and on the park's website: www.nps.gov/mora. Religious services are available in the park and in local communities.

GAS IS NOT AVAILABLE IN THE PARK.

The *Tahoma News* is the official newspaper of Mount Rainier National Park
 Editor/Designer: Patti Wold
 Chief of Interpretation: Maria Gillett
 Superintendent: Jonathan B. Jarvis
 Contributors: Alicia Beale, Todd Erickson, Rick Kirschner, Alisa Lynch, Ruth Rhodes, & Rose Rumball-Petre
 Publisher: Northwest Interpretive Association
 909 1st Ave., Ste. 630, Seattle, WA 98104
 Tel. (206) 220-4140



Wilderness Information Centers

Longmire WIC (360) 569-HIKE
Wilderness camping & westside route climbing permits
 7:30 a.m. - 5:00 p.m. daily

Paradise Ranger Station (360) 569-2211 ext. 2314
Climbing permits (Paradise routes)
 7:00 a.m. - 1:00 p.m. Sunday - Friday
 6:00 a.m. - 1:00 p.m. Saturday

White River WIC (360) 663-2273 ext. 222
Wilderness camping & eastside climbing permits
 7:30 a.m. - 7:00 p.m. Thursday & Friday
 7:30 a.m. - 4:00 p.m. Saturday - Wednesday

Wilkeson WIC (360) 829-5127
Wilderness camping & northside climbing permits
 8:00 a.m. - 4:30 p.m. Monday - Thursday
 7:30 a.m. - 6:00 p.m. Friday & Saturday

Wilderness Permits

Wilderness Permits are required for backcountry camping and are available at all Wilderness Information Centers and most visitor centers. Permits are free, but an optional, fee-based reservation system for campers and climbers is in effect May through September. Reservations may be made between April 1 and September 30. Backcountry reservations are \$20 per party (1-12 people) for 1 to 14 consecutive nights. Sixty percent of all backcountry sites and zones are available for reservation. The remaining 40% are issued on a first-come, first-served basis on the day of, or one day prior to, the start of trip. Go to www.nps.gov/mora/recreation.htm to learn more.

A Reservation Request Form is available at Wilderness Information Centers and on the Internet at www.nps.gov/mora/recreation/rsvpform.htm. Fax or mail completed forms to: Wilderness Reservations Office, Mount Rainier National Park, Tahoma Woods, Star Route, Ashford, WA 98304-9751. Fax (360) 569-3131.

Protect Yourself and Your Park

Mount Rainier National Park was established in 1899 to preserve its resources and to provide for public benefit and enjoyment. By observing the rules, you protect your park and yourself:

- Pets must be on leashes no longer than six feet and are not allowed in buildings, on trails, or on snow
- Do not feed or disturb the wildlife
- Stay on designated trails
- Make fires only in a fire grill. Collecting firewood is prohibited
- Weapons are prohibited in wilderness. Firearms transported through the park must be unloaded, broken down, and stored to prevent use
- Bicycle only on roads, not on trails



Mount Rainier guides, 1912

Climbing Mount Rainier

Over 10,000 people attempt to climb Mount Rainier each year. About half actually make it to the 14,410 foot summit. Climbing information is available at ranger stations and on the park's website at www.nps.gov/mora/climb/climb.htm. For prerecorded route conditions, call (360) 569-2211 ext. 2314. Climbers pay a Cost Recovery Fee of \$15 per person, per climb or \$25 for an annual pass.

Rainier Mountaineering, Inc. (360) 569-2227 (RMI) conducts guided climbs and related seminars. Information on RMI climbs can be obtained at the Paradise Guide House daily from 9:30 a.m. - 4:00 p.m. Guides for the Emmons Glacier Route include **Alpine Ascents International (206) 378-1927**, **American Alpine Institute (360) 671-1505**, **Cascade Alpine Guides (800) 981-0381**, and **Mount Rainier Alpine Guides (360) 569-2604**.

Drive-in Campgrounds

Name	Elev.	Fee	# of sites	Flush Toilets	Pit Toilets	Dump Station	Location/Notes
Sunshine Point <i>Open all year</i>	2000'	\$10	18		X		SW corner of park, 0.25 miles E of the Nisqually Entrance.
Cougar Rock* <i>Open May 24 to Oct. 15, 2002</i>	3180'	\$12 \$15*	173 + 5 group sites	X		X	SW corner of park, 2.3 miles NE of Longmire.
Ohanapecosh* <i>Open May 24 to Oct. 15, 2002</i>	1914'	\$12 \$15*	188 + 1 group site	X		X	SE corner of park, 11 miles NE of Packwood on SR123.
White River <i>Open June 28 to Sept. 30, 2002</i>	4400'	\$10	112	X			E side of park, 5 miles W of White River Entrance.
Ipsut Creek <i>Open all year, depending on snow & road status</i>	2300'	None	31 + 2 group sites		X NO POTABLE WATER		NW corner of park, 5 miles E of Carbon River Entrance. ROAD SUBJECT TO CLOSURES DUE TO WASHOUT
Mowich Lake <i>Open June 28 to Oct. 18, 2002</i>	4950'	None	30 walk-in sites		X NO POTABLE WATER		NW corner of park, at the end of SR165. Unpaved road. NO FIRES.

* Advance reservations are required for Cougar Rock and Ohanapecosh Campgrounds from the last Monday in June through Labor Day (group sites from May 24 - October 15). Call 1-800-365-CAMP up to 5 months in advance or reserve your site online at <http://reservations.nps.gov>. The nightly fee during the reservation period is \$15 per site. All other campgrounds are operated on a first-come, first-served basis.