The project is estimated for completion by October 2013. No road closures are anticipated during 2013.

Travel Advisories:

Roadwork Ahead

Stevens Canyon Road
This fall, rehabilitation work continues on Stevens Canyon Road. Following Labor Day, the road will be closed to all vehicles and bicycles from just east of the intersection with the Paradise Valley Road to just west of the Box Canyon overlook, due to major roadway stabilization work near Inspiration Point and Bench Lake curve.

During the closure, visitors wishing to drive to the Paradise area must enter the park from the southwest via Nisqually Entrance at the east end of SR 706. Box Canyon may only be accessed from the east via Stevens Canyon Entrance. Visitors traveling between the park’s west side (Longmire/Paradise/ SR 706) and the east side (Ohanapecosh/White River/SR 123) must take a detour route outside the park. The recommended route follows SR 7 and US 12 via the towns of Elbe, Morton, and Packwood. Box Canyon can be accessed from the east.

Viewing Fall Colors

• Look for changing vine maple at lower elevations throughout the park.
• Take the three-mile drive out Westside Road to see fall colors. Hike from there to enjoy more fall foliage.
• Hike Grove of the Patriarchs and Eastside Trail to see the colors reflected in the Ohanapecosh River.
• Photograph the historic rustic buildings accentuated by fall colors at Longmire.
• See the subalpine meadows cloaked in the red and orange of changing huckleberry at Paradise, Sunrise, and throughout the park’s backcountry.
• Take a drive on the eastside roads (SR 123 and SR 410), famous for their fall colors.
• Stop at viewpoints to see slopes and avalanche tracks awash in the colors of fall.

Climate Friendly Parks!

Mount Rainier National Park is a climate friendly park with a goal of becoming carbon neutral by 2016 - the centennial of the National Park Service.

You can participate in the Climate Friendly Parks effort! Calculate your carbon footprint, set your personal goals, and find other information at www.nps.gov/climatefriendlyparks.

Winter Road Closures

As autumn progresses toward winter and storms bring increasing amounts of snow to Mount Rainier, roads will close for winter. Look for most roads to reopen in May or June.

• Stevens Canyon Road is closed to through traffic due to road construction (see the article below).
• Sunrise Road closes at the junction with White River Campground Road every night beginning in late September. It reopens each morning as conditions permit. Overnight parking is not allowed at Sunrise when the road is closed nightly. The entire road will be closed for winter at the SR 410 junction on October 8, or earlier with the first heavy snowfall.
• Washington State Department of Transportation is scheduled to close SR 410, Chinook Pass, and Cayuse Pass on November 13, and SR 123 on November 26. Call 1-800-695-ROAD for current status. Early snowfall could cause winter road closures prior to scheduled dates.
• Mowich Lake Road closes October 29, or with the first snowfall.
• The road between Nisqually Entrance and Longmire remains open throughout winter except during extreme weather.
• The road between Longmire and Paradise closes nightly from October 29 through winter. It reopens the following morning or when snow removal activities allow.

Poor visibility and reduced traction present driving hazards during winter. Shady areas and bridge surfaces can be treacherously icy even when other sections of roadway are not. While in the park, you are required to carry tire chains that fit your vehicle (including four wheel drive and all wheel drive vehicles). Make sure you can install them safely. Use caution and stay alert.

Welcome...

Superintendent
Randy King

...to fall at Mount Rainier! As the all-too short summer season comes to an end at "The Mountain", a wonderful new season begins. The warm days begin to get cooler, and daylight hours become shorter. It is a season of transition, and still, a wonderful time to visit and experience your park. Fall's colors replace summer's flowers, and over 260 miles of trails beckon you to get up close and personal with Mount Rainier.

In late September, I'll be taking a week off to hike the 93-mile Wonderland Trail with friends. My wife, Sally, and I previously hiked sections of the trail with our young sons over a three-year period. Those hikes are among our most cherished family memories. Mount Rainier is like that...a place where beauty, challenge, and the people we share and experience it with, have been creating best memories for generations of visitors.

Please enjoy, share and protect your park; be mindful of its hazards - for the Mountain can also be an unforgiving place - and may your visit become part of a cherished, personal connection with Mount Rainier.

Randy King, Superintendent

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Bicycling Opportunities
Bicycling on park highways has become increasingly popular. However, winding roads, blind curves, heavy traffic, and very narrow road shoulders present safety issues. Here are options for cyclists.

- White River and Sunrise Roads: After these paved roads close for the season to vehicle traffic (usually in late October, depending on weather conditions), bicyclists and hikers may travel on them from the SR 410 junction to Sunrise (6 miles one-way to White River Campground, 16 miles one-way to Sunrise). Road maintenance may require closure of the Sunrise Road at any time.
- Westside Road: A popular mountain-bike route, this gravel road is 13 miles one-way with an elevation gain of approximately 1,120 feet. The road ends at Klapatche Point. The first 10 miles are open to hikers and bicyclists. Beyond the first 10 miles are open to hikers only. The next 6 miles are open to bicyclists beyond the ranger station at the park boundary. The road gains approximately 600 feet in elevation along its 5-mile length; some sections are rough and rocky. The road ends at Ispat Creek backcountry camp, beyond which only hikers are allowed. Remember, there are no designated bike trails in the park. Bicycles are not permitted on any park trails, or in any off-trail areas. Bicyclists may only ride on public roads and campground roadways, and are subject to the same laws as motor vehicles. Please obey all posted traffic signs, and yield to pedestrians at all times. Travel safely, and always wear a helmet.

Mount Rainier: An Active Volcano
Active steam vents, periodic earth tremors, and historic eruptions provide evidence that Mount Rainier is sleeping, not dead. Seismic monitoring stations around the mountain should provide days or weeks of advance warning of impending eruptions. Other geologic hazards, however, can occur with little warning. These include debris flows and rockfalls. The more time you spend in an area with 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 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, and/or 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 200 feet or more above river level should be safe.

Keep Wildlife Wild!
Feeding wildlife is a significant management issue at Mount Rainier National Park. Early in the history of national parks, people were encouraged to get close to and even feed wild animals. We now know that this can be harmful to both people and wildlife. Still, one of the most common mistakes people make is to feed wildlife. Visitors seeking a connection with animals think they are “helping” them. But in fact it puts both the animals and the visitor at risk.

Mount Rainier has introduced “Keep Wildlife Wild” buttons to expand our educational message against feeding wildlife. Five different species of native wildlife especially susceptible to feeding (Townsend’s chippmunk, gray jay, Steller’s jay, black-tailed deer, and Cascade red fox) are featured on different buttons for visitors to wear. Buttons are available at the Paradise and Sunrise visitor centers. All donations support ongoing educational efforts to protect the wildlife that live in the park.

Help us keep wildlife wild by following these simple rules:
- Do not feed, touch, approach, or disturb the wildlife.
- Store your food in an animal-proof container, or inside your closed car.
- Don’t leave food, beverages, pet food or toiletries unattended for any length of time.
- Clean up picnic areas after you eat—pick up crumbs so the wildlife won’t do it for you.

Winter Group Camping
Winter camping at Paradise is permitted when there is sufficient snow (generally mid-December through April). Parties of 13 to 100 must camp in one of the designated group camping areas at Paradise and must pre-register. Please call 360-569-6735 (Monday - Friday, 9 a.m. - 4 p.m.) at least 2 weeks in advance. Provide group name, leader name, party size, date requested, and a call-back phone number. Your pre-registered permit will be available for pickup at the Longmire Museum on the day of your arrival to camp. Reservations are accepted starting October 1.

Hard-sided food storage containers are required in all Paradise area winter camping zones. Wildlife-resistant food containers are available for loan—ask a ranger when obtaining your camping permit.

Accessibility
Most comfort stations, visitor centers, picnic areas, and designated campsites are accessible or accessible with help for wheelchair users. Accessible trails are available inside the park and in local communities. In the Jackson Visitor Center at Paradise, the audiovisual programs are captioned; assistive listening devices are available at the park film. An audio described tour of the exhibits is available; and the building and exhibits are accessible to wheelchair users. At the Sunrise Visitor Center, the newly-renovated interior and exhibit area are accessible with help via the north entrance. The Kautz Creek Boardwalk Nature Trail is accessible when snow-free. In July and August, the east side of the unpaved Trail of the Shadows loop is accessible with help. During summer, two accessible trails lead to the base of the Paradise Meadows, and a portion of the trails at Paradise are accessible with help; inquire at the Jackson Visitor Center for more information. TDD: (360) 569-2177

Winter Group Camp
If You See a Black Bear or a Mountain Lion

Mount Rainier National Park provides habitat for many animal species. Among the largest and most feared are the black bear and the mountain lion. Though you are not likely to see them, if you do meet one of these large mammals, your best defenses are awareness and knowledge.

The best way to avoid unwanted encounters is to be alert, and don't attract or surprise them. Wildlife tend to have a "personal space", and if you enter that space they may become aggressive. Watch them from a distance. Watch for evidence of their presence such as scent and tracks. Bears commonly rip up logs for insects, and usually leave lots of scat around. Mountain lions cover their scat by raking dirt with their rear feet. Keep all food and attractants, including trash, securely stored and inaccessible to wildlife. Food conditioning, where animals associate people with food, is one of the leading causes of human injuries from bears.

Close Encounters With Black Bears

Although black bear attacks are extremely rare in the United States and have never occurred in this park, your safety depends mostly on your own actions. If you encounter a black bear, do not run, but back away slowly and leave the area. A defensive bear will appear agitated and will often give visual and vocal warnings like swatting or stomping the ground, exhaling loudly, huffing, snapping teeth, or lowering the head with ears drawn back while facing you. This response may escalate to a charge. Bears respond to people in the United States and have never occurred in this park. If you fall in. Standing. Hit as hard as possible especially to the head. Use a stick or rock as a weapon. The bear attacks and you have food, fight back aggressively. This is likely a predatory attack, and the bear is treating you as prey.

If Charged by a Black Bear

• If the bear stops, slowly back away while talking, keeping the bear in view while leaving the area.
• If it continues, act aggressively, shouting and throwing rocks or sticks.
• If the bear attacks and you have food, distance yourself from the food.
• If the bear attacks and you do not have food, fight back aggressively. This is likely a predatory attack, and the bear is treating you as prey.

Close Encounters With Mountain Lions

Mountain lions (also known as cougars) usually do not like confrontation. If you see one, give it plenty of space so it can get away. Never approach cougar kittens. Leave the area immediately.

• Do not run or turn your back on a lion.
• Gather children with adults. Quickly pick up and hold small children.
• Stand in a group with your companions. If the lion moves toward you, wave your arms and make noise. Make yourself look large, intimidating and in control: stand up tall, open your jacket, yell, throw things.
• Back away slowly while facing the animal.
• If attacked, fight back aggressively. Stay standing. Hit as hard as possible especially to the head. Use a stick or rock as a weapon. Throw dirt in the eyes. Protect your head and neck.

Report all bear and mountain lion sightings to a ranger.

Secrets to a Safe and Enjoyable Hike

Hiking at Mount Rainier National Park can mean adventure, exploration, learning, or just plain having fun! The secret to a great hike? Staying safe!

Hikers need to emphasize personal safety as they journey by foot through the backcountry and along many of the popular trails. For trail information, talk with a ranger at any visitor center or wilderness information center. Use the following tips to keep your journey safe.

Use Common Sense

• Protect yourself by wearing appropriate outdoor clothing including footwear.
• Be prepared. Carry the ten essentials even on a short sightseeing hike.
• Always tell someone of 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.

Pay Attention To The Weather

At Mount Rainier, the weather can change rapidly. Hikers who aren't prepared for weather conditions increase their risk of becoming lost or injured. Avoid problems and plan for Mount Rainier's changeable weather.

Crossing Streams Safely

Many hikers underestimate the power of moving water and some consider their former successful stream crossings as a ticket to the other side. This may not be true. Regardless of your knowledge, skills, and experience use these pointers in making wise decisions when crossing a stream:

• Early morning when river levels are generally at their lowest is the best time to cross.
• Look for an area with a smooth bottom and slow moving water below knee height.
• Before crossing, scout downstream for log jams, waterfalls and other hazards that could trap you. Locate a point where you can exit if you fall in.
• Use a sturdy stick to maintain two points of contact with the water at all times.
• Unfasten the belt of your pack so you can easily discard it if necessary.
• Staring down at moving water can make you dizzy. Look forward as much as possible.

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 and 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.

• Avoid the snowfield in questionable weather, especially if you're 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 descend on skis or a snowboard in limited visibility. You could become 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.
• To protect fragile alpine vegetation, hike only on official trails or snow.

While it may be disappointing to abandon your hike to Camp Muir, be assured that the snowfield will still be there in better weather.

Climbing

Each year, approximately 10,000 people attempt to climb Mount Rainier. Nearly half reach the 14,410-foot summit. Climbing permits are required for travel above 10,000 feet and/or on glaciers. Climbing information—including fees, routes, and conditions—is available at ranger stations. Guided climbs and climbing seminars are available through:

• Alpine Ascents International (206) 378-1927
• International Mountain Guides (360) 569-2609
• Rainier Mountaineering, Inc. (888) 892-5462

Wilderness Camping

Wilderness camping permits are required for all overnight stays in the park's backcountry. Permits and backcountry information are available at all wilderness information centers and most visitor centers (see page 4 for locations and hours). Although permits are free, there is an optional, fee-based reservation system for campers and climbers in effect May through September. Backcountry reservations are $20 per party (1-12 people) for 1 to 14 consecutive nights. Seventy percent of all backcountry sites and zones are available for reservation. Permits for the remaining 30% are issued on a first-come, first-served basis, no more than one day in advance of the start of the trip.
Chainsaws in the Park: Removing Hazard Trees

This fall you may hear the incongruous sounds of chainsaws and falling trees in the park. Crews will be felling and topping specific trees as part of the park's annual hazard tree mitigation efforts. A hazard tree is one with compromised structural integrity that could cause injury to people or damage to facilities if all or part of it failed; any tree within striking distance – defined as one tree length – of developed areas can become an eventual hazard. Trees in developed areas are subject to damage from soil compaction and mechanical injury which – along with natural phenomena such as insect infestation, fungal disease, high winds, drought, flooding, and heavy snow loads – can eventually lead to the structural failure of a tree.

In an effort to reduce the risk posed by defective trees while maintaining natural values, Mount Rainier National Park employs a systematic approach to hazard tree management. Once a hazard tree has been identified, it is evaluated and assigned a numerical rating on a scale of 2 to 8. A large, highly defective tree within striking distance of administrative or visitor facilities would receive the highest rating of 8, while a small tree, one with few or minor defects, or a highly defective one with no buildings or continuously occupied areas within its target range, would receive a lower rating. All or part of the tree may be removed to mitigate the hazard.

If you are in a place where hazard tree mitigation activities are about to begin, you may be asked to leave the area. Do not approach areas where you hear chainsaws running, and do not cross tape lines or bypass barricades and warning signs – these are in place to ensure your safety. Your cooperation is greatly appreciated.

Firewood: Buy It Where You Burn It!

Washington forests are in jeopardy from the transportation of invasive insects and diseases in firewood. New infestations of tree-killing insects and diseases often are first found in campgrounds and parks. Here's what you can do to help:

• Buy firewood near where you will burn it – that means the wood was likely cut within 50 miles of where you'll have your fire.

• Wood that looks clean and healthy can still have tiny insect eggs, or microscopic fungal spores, that will start a new and deadly infestation. Always leave it at home, even if you think the firewood looks fine.

• Aged or seasoned wood is still not safe. Just because it is dry doesn't mean that bugs can't crawl onto it!

• Tell your friends not to bring wood with them. Everyone needs to know that they should not move firewood.

To make sure invasive insects are not spread on firewood, use firewood from local sources. In other words, buy it where you plan to burn it. More information is available online at www.dontmovefirewood.org.