

# Expect Change

We often think of parks as outdoor museums. Caretaking a living ecosystem, however, is very different than protecting unchanging objects.

Both natural features *and* human facilities may be different each time you visit. Both are changing all the time. How we take care of those features and facilities may also affect your visit. You won't notice the ozone monitor that works 24 hours a day, but you will see other activities such as revegetation, road work, painting, or trail maintenance. Some activities may unavoidably affect you, such as smoke from a prescribed fire, campsite closures due to revegetation, or bear activity.

The park staff uses such actions as tools to maintain the landscape and protect its inhabitants and visitors. Your visit gives you but a snapshot of this process; Nature decides the timing of many of these actions. They all share one goal: preservation of these parks for us all, now *and* in the future.

## Fire: A Long-Lost Partner

Have you ever accused someone of something only to discover that you were wrong? In parks and forests nationwide, we have learned that an accused vandal is actually an important partner. That partner is fire.



*Fire in the Sierra usually hugs the ground. Its low flames clear dangerous built-up fuels. Without this, the fuels would feed intense, hard-to-control wildfires. The natural burn pattern includes occasional hot spots. These leave important openings in the forest — the sunny, bare places where sequoia trees regenerate best.*

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Years ago, we tried to banish fire from the landscape because we believed it was destructive. In sequoia groves, that meant putting out lightning-caused fires that naturally start as frequently as every 5 to 20 years.

As time passed, we saw unanticipated consequences for park resources. It turned out that fire suppression blocked important ecological processes and caused many problems. Two stand out:

First, sequoias were not reproducing. We learned that fires are critical to sequoia regeneration. They create a fertile ash seedbed and open the forest canopy, allowing sunlight to reach the seedlings.

Second, a vast accumulation of dead wood and small, dense white fir trees now increase wildland fire hazards. Natural fires used to burn away these excess fuels. Now, after fire's long absence, these fuels cause bigger blazes that are more dangerous for people, plants, and wildlife. They burn hotter and are harder to put out.

To protect human safety and benefit giant sequoia trees, the National Park Service has taken steps to end this misunderstanding about fire. For over 40 years at Sequoia and Kings Canyon, we have studied fire and its effects on the land. When and where it's appropriate, we ignite prescribed fires and allow lightning-caused fires to spread naturally and improve resource conditions.

We see strong evidence that working with this powerful natural partner is better than resisting it — we are successfully reducing fuels and stimulating sequoia growth with the help of fire.

Why is this important? The National Park System exists to conserve resources "unimpaired for the enjoyment of future generations." Early rangers thought that aggressive fire suppression met this goal. A more complete understanding of fire tells us that excluding this important natural partner only hurts what we are trying to protect.

## Fees work for the parks

For each dollar collected at the entrance station, 80 cents supports projects here in these parks!

So far, these funds have built a bicycle path; repaved roads; fixed campground sinks, tables, parking, and fire grates; improved picnic areas; and made restrooms handicapped accessible. New exhibits and a film funded by fees and donations are now open at Grant Grove in the newly named Kings Canyon Visitor Center.

A future project is a shuttle transportation system for the Giant Forest area to reduce parking problems, vehicle traffic, and pollution in the parks.



Picnic area restroom built with fee dollars.

## WILDERNESS OVERNIGHTS

Each park trail has a daily entry quota for overnight trips. There is also a backcountry camping fee between mid-May and late September. These help to protect the wilderness environment and your experience. (Permits and fees are not required for park day hikes or for overnights in the US Forest Service Monarch and Jennie Lakes wildernesses.)

A permit is required for each solo or group. First-come, first-served permits can be issued the morning of your trip or after 1pm the day before at the park ranger station nearest your trailhead (see pages 8 & 9). If the quota for your desired trail is full, you can choose another trail or another day to start. Permits are not issued late in the day as minimum distances must be reached before you camp.

Permits on hold must be picked up between the afternoon before and 9am on your day of departure. If delayed, call the ranger station or you may forfeit your permit on hold.

Camping in the park's "front-country" is permitted only in campgrounds; camping or sleeping in vehicles is not allowed in parking lots, pull-outs, picnic areas, or trailheads in the park.

Requests to put a permit on hold for a certain date are accepted beginning March 1 and at least 3 weeks before your trip's start date.

Wilderness Permit Reservations  
Sequoia & Kings Canyon N.P.  
47050 Generals Highway #60  
Three Rivers, CA 93271  
1-559-565-3766  
Fax 1-559-565-4239

Get a free copy of *Backcountry Basics* at visitor centers or by mail for details on wilderness, or see [www.nps.gov/seki/bcinfo.htm](http://www.nps.gov/seki/bcinfo.htm).

## BACKCOUNTRY LODGES

- BEARPAW MEADOW CAMP (DNCPR) [www.visitsequoia.com](http://www.visitsequoia.com) Reservations for next summer (required) are taken starting January 2: 1-888-252-5757. Open mid-June to early September, weather permitting. This tent hotel is at 7800' on the High Sierra Trail, an 11-mile hike from Giant Forest.