

Peak Experiences

The official newspaper
of Lassen Volcanic National Park

May - November 2007

Hat Creek Culvert, 1931 NPS Photo

Historic Park Road Gets a Facelift

Did you know you are driving on a thirty mile long piece of history? The Lassen Volcanic National Park Highway, known as the main park road, is the park’s largest cultural feature. The same road you use to access wonders like Lassen Peak and Bumpass Hell is also listed on the National Register of Historic Places. It is more than just historically significant. If the main park road didn’t exist, strenuous hikes up to 15 miles long would be required to experience the interior of Lassen Volcanic National Park. How different would your visit be without the main park road?

The main park road has served visitors reliably for nearly 80 years, however it is getting old. Time has taken its toll on the road. The asphalt edges of the road have become brittle and the surface is deteriorating presenting unsafe driving conditions. This summer Lassen Volcanic National Park will be undertaking an ambitious construction project to restore the health of the road and to ensure that

visitors will be able to enjoy the park for many years to come.

Approximately 12 miles of the main park road between the Bumpass Hell parking area and the Manzanita Lake Campground road will be under construction. The project will include rehabilitation of the main park road and roads providing visitor access to campgrounds, picnic areas, trailheads and day use areas. While traveling along the main park road this summer you may experience some delays due to the construction project. These delays are expected to be 30 minutes or less. If you experience delays, we invite you to take these opportunities to stop, turn off your engine, take in the wonderful views and read the newly installed wayside exhibits that are accessible because of the main park road.



This newspaper is made possible by a donation from the Lassen Association.
www.lassenloomis.info

Welcome to Lassen Volcanic National Park!

This summer season promises to be very exciting with all of the improvements that the park is undergoing.

As you enter the park at the Southwest Entrance you will find a long-awaited project finally happening – the construction of the park’s first visitor center. The Kohm Yah-mah-nee Visitor Center will begin construction this spring and be completed by the fall of 2008. This new, year-round facility will have exhibits, information, first aid, a new park film, cooperating association book sales, giftshop and food services. A new entrance station will also be built this summer to replace the aging fee booths. Further north along the main park road is the Federal Highways project featured in this newspaper.

We work throughout the year on various projects to better protect our natural and cultural resources and provide improved visitor services and safety. There are opportunities for you to join in and volunteer your talents, have some fun, and help care for the resources and visitors of Lassen Volcanic National Park. If you’re interested, please refer to the information on page 9.

We wish you a safe, enjoyable visit.

Mary G. Martin
Superintendent

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National Park Service
U.S. Department of the Interior

Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063

WELCOME TO LASSEN VOLCANIC NATIONAL PARK



National Park Service
U.S. Department
of the Interior



FEES AT WORK IN YOUR PARK!

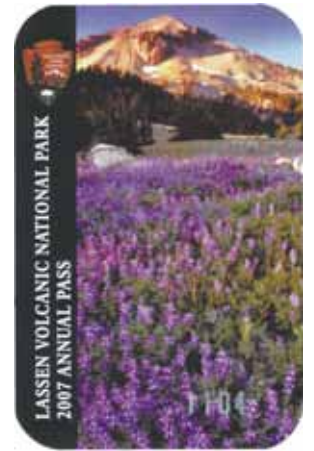
We put your fee dollars to work. Eighty percent of your entrance and campground fees fund vital projects right here at Lassen Volcanic National Park.

Fees have paid for construction of the new Southwest Entrance Station, and the repair and upgrade of roads, campgrounds, trails picnic areas, and restrooms. They have funded the installation of exhibits at the new visitor center, Loomis Museum, and wayside exhibit panels throughout the park.

*Welcome
Bienvenue
Bienvenidos
Willkommen
Benvenuti*

ENTRANCE FEE OPTIONS

- **7-day pass** for Lassen Volcanic National Park : \$10 per vehicle/motorcycle or \$5 per person on foot, bicycle, or bus.
- **Annual pass** for Lassen Volcanic National Park and Whiskeytown National Recreation Area: \$25 admits all passengers in a private vehicle for one year from month of purchase.
- **America The Beautiful pass: \$80.** This pass is available to the general public and provides access to, and use of, Federal recreation sites that charge an entrance or standard amenity fee for a year, beginning from the date of sale. The pass admits the pass holder/s and passengers in a non-commercial vehicle at per vehicle fee areas and pass holder + 3 adults, not to exceed 4 adults, at per person fee areas (children under 16 are admitted free). The pass can be obtained in person at the park, by calling 1-888-ASK USGS, Ext. 1, or via the Internet at <http://store.usgs.gov/pass>.
- All variations of the America the Beautiful pass are accepted.



NEW WEBSITE RELEASED

<http://www.nps.gov/lavo>

Have you visited the official Lassen Volcanic National Park website lately? On August 25, 2006 we released a brand new website designed from the ground up. Our new website was just one of over 300 National Park Service websites that were released on the same day.

The new website is rich in features and a great source for up-to-date information about what is happening at Lassen Volcanic National Park.

On the website you will find:

- up-to-date information about conditions in the park (snow conditions, road opening status, and closure information)
- volunteer opportunities



- links to our campground reservation system
- trail information and pictures
- a photo gallery
- a schedule of events including ranger-led programs and special events
- activities for kids
- an extensive section for teachers and educators

Lassen Volcanic National Park

First established as Cinder Cone and Lassen Peak National Monuments in 1907, Lassen Volcanic became a national park in 1916 because of its significance as an active volcanic landscape. Lassen Peak began erupting in 1914, had its most spectacular activity in 1915, and experienced minor activity until 1917. All four types of volcanoes in the world plus active hydrothermal areas are found in the park's 106,000 acres. Lassen Peak is one of the largest plug dome volcanoes in the world. It is considered to be active today.

CONTACT INFORMATION

Emergencies - DIAL 911

Information

Park Headquarters (year-round)

(530) 595-4444

Loomis Museum (summer only)

(530) 595-4444 ext. 5180

Fax Number

(530) 595-3262

Park Website and Email Address

www.nps.gov/lavo

lavo_information@nps.gov

Mailing Address

Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063-0100

VISITOR CENTER UPDATE



Southern View of New Kohm Yah-mah-nee Visitor Center

Lassen Volcanic is one of the earliest national parks designated by Congress, but we have never had a formal visitor center. This summer marks a new chapter in the parks history, as we will begin construction of our new visitor center which will include:

- a reception desk where visitors can obtain information, permits, and reservations
- interpretive exhibits and displays
- an auditorium to show park films and hold special events
- a book, map, and educational product sales area

- a concession-run gift shop and restaurant
- public restrooms and drinking fountains
- first aid services
- after hours orientation displays in the vestibule

Visitors in the southwest area will experience significant delays of 30 minutes or more throughout summer and fall until the construction is complete in October of 2008. The Southwest "walk-in" campground and Mill Creek Falls trailhead will also be closed year-round during this time.



Ranger Programs

The National Park Service invites you to enjoy the free programs offered this summer. We hope that learning about Lassen Volcanic and its resources brings a greater appreciation of your national park.



Programs listed below run from June 22 to August 19, 2007.
Check bulletin boards for a program schedule from August 20 to September 1, 2007.
All programs are 45 minutes long unless otherwise noted.
Check bulletin boards for special programs.

SUNDAY

JUNIOR RANGER PROGRAM - 9:30 a.m. Meet at the Manzanita Lake Amphitheater

Become a Junior Ranger. If you are 7 to 12 years old, join this fun adventure and learn about the park through games, activities, and observations. Two hours.

PREDATOR AND PREY - 1:30 p.m. Meet outside the Loomis Museum.

Come enjoy a talk about the amazing lifestyles of the park animals - both predator and prey.

STORIES IN STONE - 3:00 p.m. Meet outside the Loomis Museum.

Learn about the fascinating stories in stone that can be seen from the Manzanita Lake area. Examine the rocks that have shaped the volcanic landscape.

MONDAY

WILDLIFE TRACKS AND TRAILS - 10:30 a.m. Meet outside the Loomis Museum.

Discover interesting stories and lifestyles of the park’s wildlife by the tracks and trails they make.

COUGAR: THE AMERICAN MOUNTAIN LION - 1:30 p.m. Meet outside the Loomis Museum.

This majestic member of the cat family personifies strength, grace, mystery, and the wilderness spirit. Join a park ranger and discover little known secrets about the cougar and its lifestyle.

TUESDAY

ON THE WILD SIDE - 1:30 p.m. Meet outside the Loomis Museum.

Discover some of the “wilder sides” of the park during this program. Topics vary from the natural to the cultural history of the park.

WEDNESDAY

JUNIOR RANGER PROGRAM - 9:30 a.m. Meet at the Manzanita Lake Amphitheater.

Become a Junior Ranger. If you are 7 to 12 years old, join this fun adventure and learn about the park through games, activities, and observations. Two hours.

BEAR NECESSITIES - 1:30 p.m. Meet outside the Loomis Museum.

Come learn about black bears and how you can help keep them wild in Lassen Volcanic National Park. Join us for this educational program.

THURSDAY

BLOWN FROM A VOLCANO - 10:00 a.m. Meet outside the Loomis Museum.

Did you know that every mountain in the park is a volcano or part of one? Come learn about the fascinating geology and volcanic history of the park.

JUNIOR FIREFIGHTERS - 11:30 a.m. Meet outside the Loomis Museum.

Become a Junior Firefighter. If you are 7 to 12 years old, join in on an exciting program and discover the roles of wildfires in our national parks.

FAULT TALK - 1:30 p.m. Meet at seismograph station outside the Loomis Museum.

A demonstration of how geologists monitor the park’s volcanic hazards and measure seismic activity.

FRIDAY

ON THE WILD SIDE - 1:30 p.m. Meet outside the Loomis Museum.

Discover some of the “wilder sides” of the park during this program. Topics vary from the natural to the cultural history of the park.

EVENING SLIDE PROGRAM - 9:00 p.m. in June and July, 8:30 p.m. in August. Meet at the Manzanita Lake Amphitheater.

Join a ranger for an evening slide program about the park’s natural or cultural history.

SATURDAY

EARLY BIRDS - 8:00 a.m. Meet outside the Manzanita Lake Camper Store.

Take an easy walk and discover the birds of Manzanita Lake. One hour.

JUNIOR RANGER PROGRAM - 9:30 a.m. Meet at the Manzanita Lake Amphitheater

Become a Junior Ranger. If you are 7 to 12 years old, join this fun adventure and learn about the park through games, activities, and observations. Two hours.

FAULT TALK - 1:00 p.m. Meet at seismograph station outside the Loomis Museum.

A demonstration of how geologists monitor the park’s volcanic hazards and measure seismic activity.

SKINS AND BONES - 2:30 p.m. Meet outside the Loomis Museum.

Examine the skins and skulls of park animals and hear stories of their amazing lifestyles in this program.

FAULT TALK - 2:30 p.m. Meet at seismograph station outside the Loomis Museum.

A demonstration of how geologists monitor the park’s volcanic hazards and measure seismic activity.

EVENING SLIDE PROGRAM - 9:00 p.m. in June and July, 8:30 p.m. in August. Meet at the Manzanita Lake Amphitheater.

Join a ranger for an evening slide program about the park’s natural or cultural history.



SUPPORTING A NATURAL ENVIRONMENT

What Are Invasive Plants?

When plants that have evolved in one region are moved to another and then establish and spread successfully outside cultivation, they are considered invasive. No longer limited by their natural competitors or predators, invasive plants tend to crowd out native plants. They can dominate a plant community by competing for sunlight, nutrients and water, often reducing food and shelter for wildlife. At Lassen Volcanic National Park, we use prevention and restoration to decrease invasive plant populations. Soil disturbance is kept to a minimum and park equipment is cleaned before being used to avoid spreading their seeds. Every summer interagency and volunteer groups remove invasive plants and reseed with native plants.



Common Mullein

How can I help protect the park?

- Drive only on established roads and trails.
- Always check your tires, clothing, pets, boots, and gear for unwanted seeds and plant parts. They can fall off along the road or trail and start a new infestation.
- When pack animals are used, carry only feed that is certified weed-free. Start feeding pack animals certified weed-free feed 96 hours before entering the park.
- If you find an infested area, let a park employee know the location. Don't pull the weeds! Some native plants look like invasive plants.

Join the Green Team Recycle!



This past year, with the help of volunteers, employees, and visitors like you, the Park recycled 38.4 tons of plastic, glass, aluminum, tin and paper. The Park recycled some materials that may surprise you . . . the demolition of underground sewage tanks at Warner Valley and Manzanita Lake Campgrounds yielded 550 tons of asphalt and 60 tons of concrete which were crushed into usable 3/4 inch road base. Lassen Volcanic National Park recycled or reused a grand total of more than 648.5 tons of material in 2006.

As you deposit empty containers in our green recycle bins, you are not only keeping more trash out of landfills, but also saving energy, which will reduce our contributions to global warming and climate change. It takes less energy to make new cans and bottles from recycled materials than from raw materials extracted from the earth.

Biodiversity in Our Parks

Biodiversity is short for biological diversity, and is defined as all the individuals and species living in an area and their interactions with their environment!

One of the most important roles that national parks have is to foster a deeper connection between humans and the natural world. This connection can initially come from reading books, looking at pictures, or exploring in your backyard, but a deeper connection with nature comes from a personal experience. Touching the bright green needles of a pine tree, or feeling the cold, crisp water in a mountain river can lead to a better understanding and appreciation of other living things. The national parks are trying to preserve these intact ecosystems for current and future generations to enjoy. In order to address the need of conservation, the National Park Service has implemented an Inventory and Monitoring Program to study the species that are found at the parks in our region. Once park staff have a good understanding of the presence and abundance of the species in the parks, they will be better equipped to protect the habitats in which these species live. Continued monitoring for changes in species numbers and distributions in the parks allow scientists to conserve the rich biodiversity of the region.

To start the process of conserving biodiversity there are a few questions that must be answered. First, "What should we

conserve?" The answer to that question is obvious, everything, but where do we start? Scientists have identified important species groups and habitats in most need of conservation within the National Parks. These areas and species will be closely monitored to see what they can tell us about changing environmental conditions. Second, "Where do these areas/species occur?" In some cases little is known about the habitat and behavior of a species or the inner workings of an ecosystem. Extensive monitoring is needed to determine where a species occurs and to find out some basic information about how they interact with their environment. Third, "How can we conserve it?" That is the hard question, but park staff are using a variety of methods to maintain biodiversity within the region. Removal of dams, restoration of streams, and protection of rare species are just a few ways to ensure that biodiversity is conserved and everyone experiences the wonder our region has to offer. For more information visit our website:

<http://www.sou.edu/biology/biodiversity/>



Rufous Hummingbird

Become an Honorary Wildlife Biologist: Report Your Wildlife Sightings!



How would you like to become an Honorary Wildlife Biologist for Lassen Volcanic National Park? Park staff needs your help to monitor wildlife populations. Of particular importance are species of raptors (hawks, eagles, falcons and owls), forest carnivores (mountain lions, bobcats, martens, weasels, coyotes, red and gray foxes), and black bears. Park staff survey for wildlife, but we cannot be everywhere at once. You can help. If you see an animal you think the park should know about, document the species you observed, and record the location, date, time, and what the animal was doing. The entrance stations, visitor contact stations, and Drakesbad Guest Ranch will have copies of the park's wildlife sighting form for you to fill out and return. Or you can write down the information and give it to any park employee who will route it to our Wildlife Biologist. The observations you turn in will be entered into a database to document species occurrence. By turning in wildlife sighting forms you become an Honorary Wildlife Biologist and will help to preserve and protect the wildlife of Lassen Volcanic.

Thank you for your cooperation. Now go be a Honorary Wildlife Biologist!



Manzanita Lake Campground Healthy Forest Project

Visitors to the Manzanita Lake Campground (MLC) have long admired the magnificent Jeffrey pines that tower over their campsites and frame picturesque views of Lassen Peak. Easily recognizable by their cinnamon-red plated bark, many of the large pines in the campground are more than 300 years old, and some even exceed 500 years of age! Their thick bark and high crowns have allowed the ancient pines to survive dozens of naturally occurring wildfires in the past. Ironically, it is the absence of fire over the past century that now threatens the future of Jeffrey pine in the campground.

Since the last fire in 1918, the number of young trees in the Manzanita Lake Campground has increased by several thousand! This increase consists almost exclusively of white fir which are not well adapted to fire (note the thin bark of young firs). Lassen Volcanic personnel plan to use mechanical thinning techniques to reduce the density of young white fir in the campground this summer. The objective is to protect old pines and public safety by (a) reducing the threat of a high intensity crown fire and (b) reducing the risk of drought-related insect and disease mortality. For more information about the project, please contact Superintendent Mary Martin at 530-595-4444 x5101.

MANY THANKS TO OUR TWO PARK PARTNERS

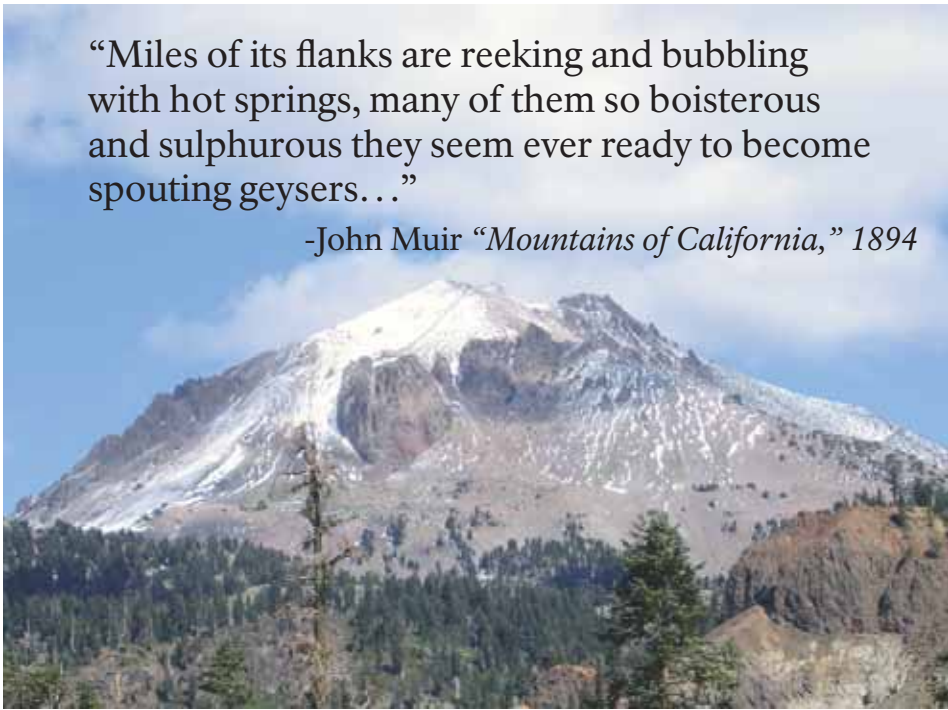


The Lassen Association (LA) has assisted the National Park Service since 1939 in providing park visitors with interpretive and educational merchandise regarding the many and varied features of the park.

DID YOU KNOW? Lassen Volcanic National Park straddles a crossroads of four great geologic and biologic provinces—the Cascade Range, the Sierra Nevada, the Central Valley of California, and the Great Basin.

DID YOU KNOW? Lassen Volcanic National Park started as two separate national monuments designated by President Theodore Roosevelt in 1907: Cinder Cone National Monument and Lassen Peak National Monument.

For information on how to join our mission visit our online membership program at www.lassenloomis.info. Or contact us directly at (530)595-3399 or lassenassociation@yahoo.com.



“Miles of its flanks are reeking and bubbling with hot springs, many of them so boisterous and sulphurous they seem ever ready to become spouting geysers...”
-John Muir “Mountains of California,” 1894

We provide books, maps, trail guides and videos about the natural and cultural history of Lassen Volcanic National Park. Additionally, we offer a large selection of educational gift merchandise to enhance your park experience - memories to take home.

These facts and more can be found at our book and gift stores in the Loomis Museum, park headquarters or our web site.

Make a Difference!



With generous contributions from Park visitors, the Lassen Park Foundation has helped support:

- Restoration of Lassen Peak Trail
- Lassen Crossroads Information Center
- Scientific research on bats and songbirds
- Camping trips for disadvantaged youth
- Winter snowshoe educational program
- The Park's new Kohm Yah-mah-nee Visitor Center




Join us today!



Please become a Friend of Lassen by contributing to the Lassen Park Foundation! Contributions of \$50 or more will receive a Lassen Park Foundation cap or polo shirt (depending on size of donation). Your donation is tax-deductible. Please make checks payable to Lassen Park Foundation.

To learn more visit www.lassenparkfoundation.org or email info@lassenparkfoundation.org. Lassen Park Foundation, P.O. Box 3155, Chico, CA 95927-3155. Phone (530) 898-9309.


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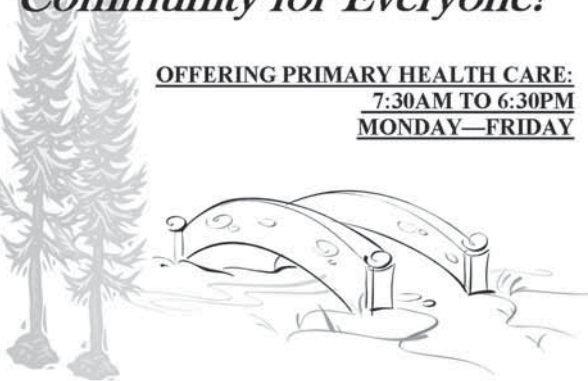
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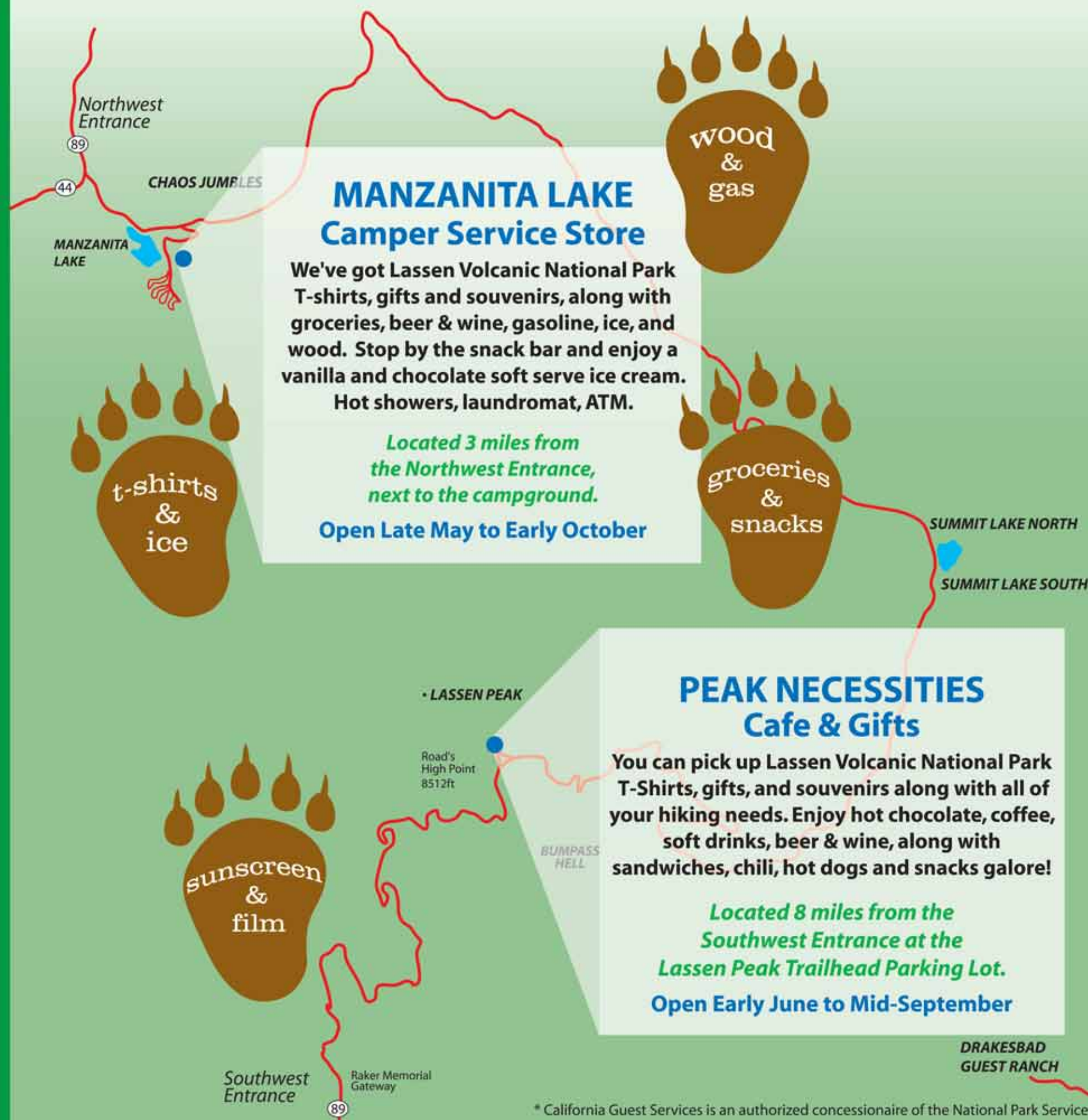
Sonny & Kathy Hansen
Managers

Mt.Lassen/Shingletown KOA
7749 KOA Road • Shingletown, CA 96088
(530) 474-3133
Reservations: (800) 562-3403
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Bring this coupon to
Manzanita Lake Camper Service Store and
with your purchase of a coffee, tea, or fountain
drink receive a second "like" beverage free.

Good only at Manzanita Lake Camper Service Store. Valid through 2007.

Services and Park Information

Manzanita Lake Area

5890' (1783 m.) elevation. 1 mile beyond the northwest park entrance.

INFORMATION

- Loomis Museum Visitor Center:
5/25 - 6/17 (Fri/Sat/Sun) 9 a.m. - 5 p.m.
6/22 - 9/3 (Daily) 9 a.m. - 5 p.m.
9/4 - 9/30 (Wed. - Sun.) 9 a.m. - 5 p.m.
- Wilderness Permits: Required for overnight backcountry trips. Provided during operating hours.

FOOD AND GIFTS

- Loomis Museum Visitor Center: gifts and bookstore.
- Manzanita Lake Camper Store: Supplies, gifts, sandwiches, ice cream.
5/24 - 6/15 (Daily) 9 a.m. - 5 p.m.
6/16 - 9/3 (Daily) 8 a.m. - 8 p.m.
9/4 - 10/8 (Daily) 9 a.m. - 5 p.m.

OTHER SERVICES

- Laundry and Showers: Next to Camper Store, open 24 hours.

Drakesbad

5650' (1720 m.) elevation. 17 miles north of Chester, see map on back page.

FOOD AND LODGING

- Drakesbad Guest Ranch:
6/7 - 10/8 (Daily). For reservations call (530) 529-1512.

Peak Parking Area

8500' (2591 m.) elevation. 7 miles beyond the southwest park entrance, 22.6 miles beyond northwest park entrance.

INFORMATION

- Peak Information Station:
6/23 - 9/2 (Sat/Sun) 9 a.m. - 3 p.m.
- Wilderness Permits: Required for overnight backcountry trips. Provided at Peak Information Station during operating hours.

FOOD AND GIFTS

- Peak Necessities: gifts, supplies, snacks, sandwiches, and bookstore.
*5/25 - 6/15 (Daily) 9 a.m. - 4 p.m.
6/16 - 9/2 (Daily) 9 a.m. - 6 p.m.
9/3 - 9/16 (Daily) 9 a.m. - 4 p.m.

Mineral Headquarters

4900' (1493 m.) elevation. 42 miles east of Red Bluff on Highway 36.

INFORMATION

- Park Headquarters Information Desk year-round (M - F) 8 a.m. - 4:30 p.m.
- Wilderness Permits: Required for overnight backcountry trips. Provided at Information Desk during operating hours and front porch after hours.

BOOKSTORE

- Booknook: gifts, books.

*snow conditions permitting



Get Involved!

Keeping active, meeting new people, learning new skills, or teaching others is not only fun and healthy, but a way to help accomplish work important for the resource preservation and visitor services at Lassen Volcanic National Park.

Contribute a few hours or a few months and assist park visitors and staff. Your time, energy, and talents would be very much appreciated. Perhaps you would like to assist with:

- | | |
|---------------------------------------------|---------------------------|
| * Camp Hosting | * Clerical & Library Work |
| * Visitor Contact Stations | * Computer Projects |
| * Visitor and Education Activities | * Photography |
| * Natural Resource Field Surveys | * Search & Rescue |
| * Non-Native Plant Removal Projects | * Ski Patrolling |
| * Groundskeeping | |
| * Trail, Campground, & Building Maintenance | |

For more information contact the Park Volunteer Program Coordinator, Lassen Volcanic National Park, P.O. Box 100, Mineral, CA 96063-0100, telephone (530) 595-4444 ext. 5133, e-mail nancy_bailey@nps.gov.



Accessibility

(most restrooms open summer only)

Manzanita Lake

- Loomis Museum - information desk, exhibits, restrooms nearby
- Camper Store - store, restrooms
- Campground - site, restrooms (with assistance)

Summit Lake

- Picnic Area - vault toilet
- Campground - site

Mineral

- Park Headquarters - information desk, restroom

Bumpass Hell Parking Area

- Park Headquarters - information desk, restroom

Kings Creek Picnic Area

- Vault toilet

Devastated Area Trail

- Interpretive Trail, vault toilet

Sulphur Works

- Interpretive Wayside Exhibits, vault toilets

ENTER THE PHOTO CONTEST

The Lassen Volcanic Annual Park Pass Photo Contest will run May 18 through Sept. 3, 2007. The winner's photo will be featured on the 2008 Lassen Volcanic Annual Park Pass. The contest is open to the general public, park employees, volunteers and their families. Photos should be mailed to Lassen Volcanic National Park, Attn: Fee Office, P.O. Box 100, Mineral, California 96063-0100 or dropped off in person at the park. Call 530-595-4444 x5184 for more information.

Spring & Summer Weather

From elevations of 5650' in Warner Valley to 10,457' on top of Lassen Peak, a wide variety of weather conditions occur in Lassen Volcanic National Park. Expect a 5° temperature decrease for every 1000' increase in elevation. Prepare for your visit; bring layered clothing, raincoat, and sunscreen.

MONTH	AVERAGE HIGH/LOW TEMPERATURES
May	70/29 °F
June	79/34 °F
July	84/40 °F
August	85/40 °F
September	78/36 °F
October	69/30 °F

Data is for Manzanita Lake, at 5890' elevation.

WHERE CAN I....

WALK A PET? Not on trails but it's allowed in developed areas (campgrounds, picnic areas, paved roads, and parking lots).

GO FISHING? Permitted during the season. A California license is required for ages 16 and up. Special regulations apply to Manzanita Lake: within 150 feet of the Manzanita Creek inlet is closed to fishing, the rest of the lake is catch and release only; artificial lures and single, barbless hooks must be used.

CUT WOOD? Not in the park.

COLLECT THINGS? No collecting or removal of any objects from the park. Leave everything to play its natural role in the ecosystem. Archeological sites and artifacts are protected by law.

FEED WILDLIFE? Not in the park! Animals become unnaturally dependent. Some can become dangerous and may have to be killed. Some can carry disease. Roadside beggars can be hit by cars. People food is unhealthy for them.

RIDE A BICYCLE? Keep bikes on paved roads only, not on any trail.

GO PICNICKING? See picnic symbols on map (page 12). Never leave food unattended. Most sites have tables, and restrooms. Water is not available at most sites.

GO CAMPING? See camping information on page 11.

HAVE A FIRE? Campfires are allowed ONLY in fire rings provided in developed campgrounds. Backcountry fires are not allowed.

GO HIKING? See page 10 for more information about full day, half day, and short hiking trails in the park.



Day Hiking

Remember, Before You Go...

Plan Ahead

As a day hiker, no permits are required. You are entirely on your own, and cell phones may not work in the park. *Your descent into the wilderness, however brief, marks your entry into a world in which preparation, self-reliance, and common sense are crucial.* Wear sturdy boots, carry plenty of water and food, and wear sunscreen.

Weather Conditions Change

Severe storms can occur suddenly. Climb peaks and ridges early in the morning. Head for lower elevation during lightning activity.

Finish Hikes Before Sunset

Sunset times are earlier in areas shadowed by mountains. Always carry a flashlight with spare batteries and warm clothing in case of unexpected delays. See chart below.

Stay On Established Trails and Boardwalks

This is especially important in thermal areas where the ground may be dangerously thin. Bumpass Hell was named after a man who severely burned his leg after falling into boiling mud below a thin crust.

SUNRISE AND SET TIMES			
DATE	1st	10th	20th
June	5:43/20:25	5:41/20:30	5:42/20:33
July	5:46/20:34	5:51/20:32	5:58/20:26
Aug.	6:08/20:16	6:16/20:06	6:25/19:53
Sept.	6:36/19:35	6:43/19:21	6:52/19:05
Oct.	7:02/18:48	7:11/18:34	7:20/18:20

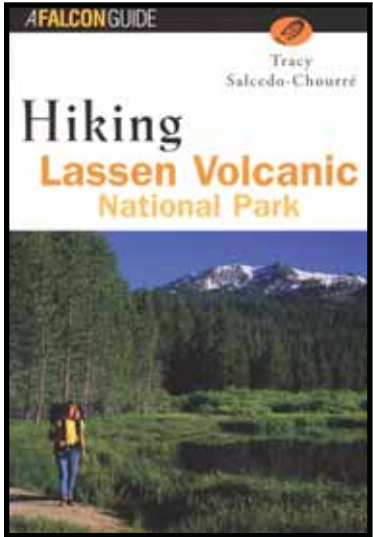


Hiking Chart

Trails	Destination	Distance Round Trip	Approximate Time Round Trip	Elevation Change	Notes/Difficulty
Bumpass Hell					
Begin at the Bumpass Hell parking lot. Trail offers excellent views of Lassen Peak and Lake Helen, and terminates at the park’s largest hydrothermal area	Thermal Area Boardwalk	3 miles 4.8 km.	2 hours	300 ft. 91 m.	See hissing fumaroles, boiling springs, and active mud pots from the boardwalk. Moderate hike
Lassen Peak					
Begin at the Peak parking area	Summit	5 miles 8 km.	4-5 hours	1957 ft. 596 m.	Strenuous hike
Kings Creek					
Begin at the Kings Creek parking area. Hiking boots are recommended as trail traverses small rock formations.	Kings Creek Falls	3 miles 4.8 km.	2 hours	700 ft. 213 m.	Moderate hike, rocky terrain
	Sifford Lakes	6.2 miles 10 km.	4 hours	700 ft. 213 m.	Moderately strenuous hike
Cinder Cone					
Begin near the Butte Lake boat ramp. Hiking boots are recommended as trail becomes steep with a loose cinder base.	Cinder Cone Summit	4 miles 6.4 km.	3 hours	700 ft. 213 m.	Moderate to strenuous hike
	Snag Lake	9 miles 14.5 km.	6 hours	300 ft. 91 m.	Moderate hike
Brokeoff Mountain					
Begin at Brokeoff Mountain trailhead near southwest park entrance. Trail offers excellent views of Mt. Shasta as well as many peaks within Lassen.	Summit	7 miles 11.25 km.	4-5 hours	2600 ft. 792 m.	Strenuous hike
	Forest Lake	3 miles 4.8 km.	2 hours	700 ft. 213 m.	Moderate hike
Summit Lake					
Begin at Summit Lake Ranger Station or either Summit Lake Campground. Trail leads to the interior of the park offering views of Lassen Peak and Chaos Crag. Trail passes many beautiful mountain lakes.	Echo Lake	4 miles 5.5 km.	2 hours	500 ft. 152 m.	Moderate hike
	Lower Twin Lake	7.8 miles 11.25 km.	4 hours	500 ft. 152 m.	Moderate hike
	Big Bear Lake	6 miles 9.6 km.	4 hours	700 ft. 152 m.	Moderate hike
	Cluster Lakes Loop	11 miles 17.4 km.	6-7 hours	700 ft. 152 m.	Moderate hike
Manzanita Lake					
Begin anywhere along shore of lake.	Circle lake shore	1.5 miles 3 km.	45 mins.		Easy walk

Help Save Lassen Peak!

Thousands of hikers each year make the trip to the summit of Lassen Peak. Hiking Lassen Peak can be one of the most memorable experiences of your lifetime, but please take only memories and leave only footprints on the designated trail. Shortcuts quickly erode volcanic soils and damage alpine plants such as the Lassen Peak Smelowskia, found in only one place in the world: Lassen Peak!



Hiking Lassen Volcanic National Park \$14.95; available through the Lassen Association. (530)595-3399 or lassenassociation@yahoo.com

Staying Overnight

CAMPING DOs & DON'Ts: These rules protect the landscape & you!

STORE ALL FOOD PROPERLY
CAMPFIRE RESTRICTIONS

Gather only dead and down wood.
Open fires are restricted to metal fire rings only. Fires must be out cold before you leave.

NO HOLDING CAMPSITES

In first-come, first-serve campgrounds, you may not hold a site for someone who has not arrived.

LIMITS ON CAMPING

Six people, two vehicles, and three tents are allowed per family site.
Camping limited to 14 days per campground per year; Summit Lake limited to 7 days per year.

GROUP/STOCK CAMPING

Several group campsites and stock corrals are available by reservation only. Visit www.recreation.gov or call 530-335-7029 for reservations.

Wilderness Camping? A Permit is Required

PERMITS

A free wilderness permit is required for overnight camping in Lassen Volcanic’s backcountry wilderness. You are limited to a maximum of 10 people per permit per site; up to 20 people may hike together.

Permits are available in person during operating hours at the Loomis Museum, Park Headquarters, and Peak Parking Area (weekends only). After hours self-registration stations are available at Butte, Warner Valley, and Juniper Lake Ranger Stations as well as the Southwest and Northwest Entrance Stations. Permits are also available in advance through our website, please allow at least two weeks notice.

CAMPSITES

- Camp at least 300’ from other groups and 100’ from streams and lakes.
- Camp at least 1/2 mile from developed areas and ask about areas closed to camping.

Pack It In And Pack It Out, Practice Leave No Trace

Each campsite has a table, bear box, and fire ring. There are no hook-ups.

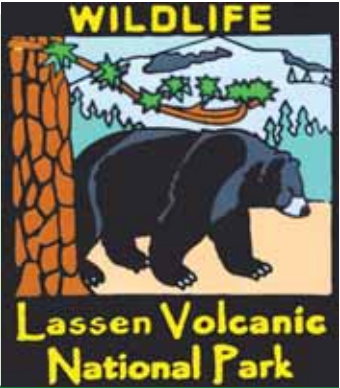
*For reservations call 1-877-444-6777 or visit <http://www.recreation.gov>

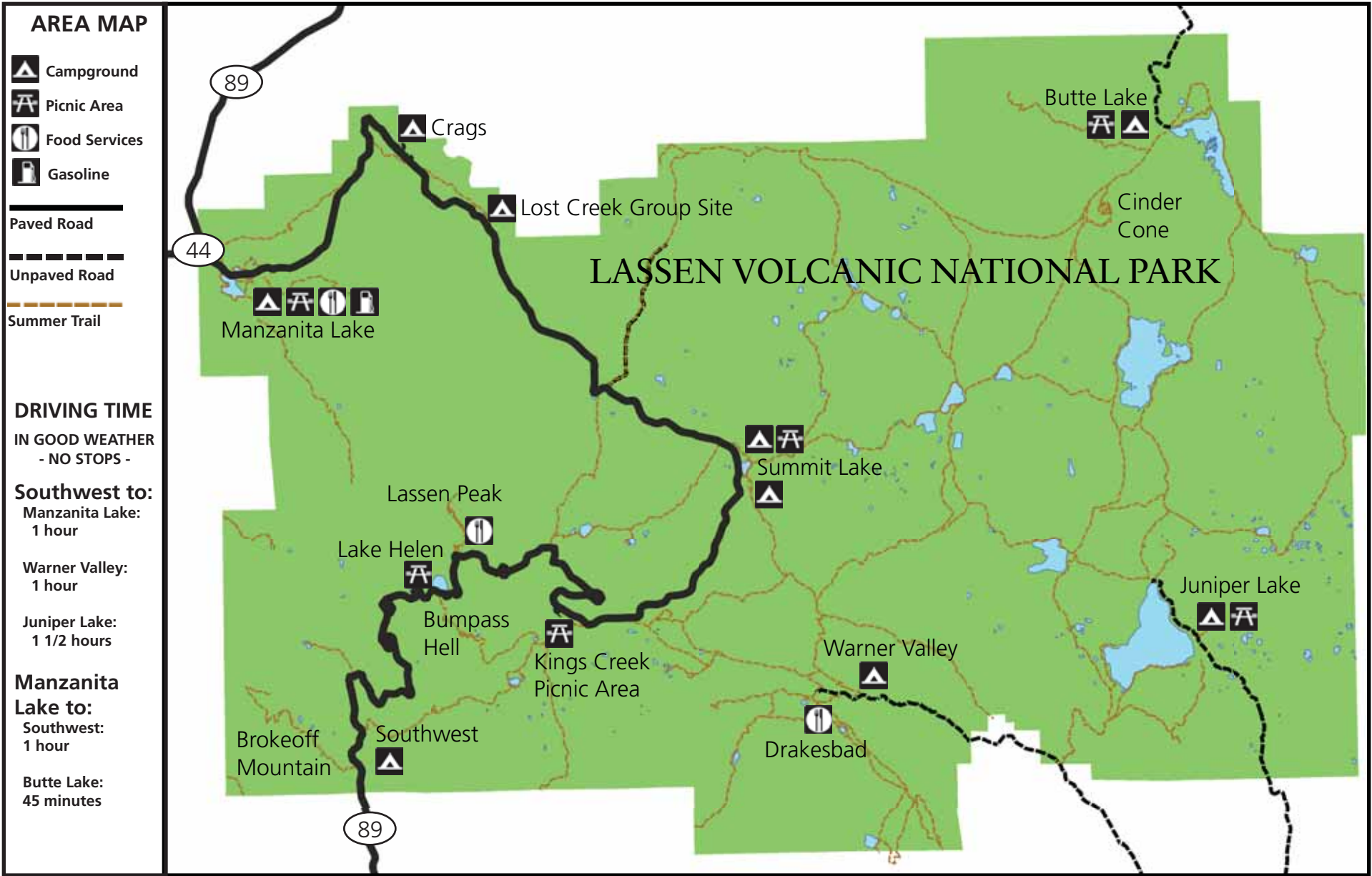
CAMPGROUNDS

	# of Sites	Daily Fees	Restroom Facilities	Notes
Butte Lake - 6100’				
Mid-June to mid-Sept., weather permitting. Reservable* (see above).	101	\$16	Flush & Vault	RV’s and tents, boat launch, potable water, trout fishing
Crags - 5700’				
Mid-June to early-Sept., weather permitting.	45	\$12	Vault	RV’s and tents, potable water, construction in campground starting 8/15 may affect operations
Juniper Lake - 6792’				
Late-June to mid-Sept., weather permitting.	18	\$10	Vault	RV’s and tents, no potable water, trout fishing, rough gravel road, trailers not recommended
Manzanita Lake - 5890’				
Late-May to Sept. 5th, weather permitting. Reservable* (see above).	179	\$18	Flush & Vault	RV’s and tents, gas station, showers, food, pay phone, boat launch, trout fishing, potable water, dump station
Summit Lake North - 6695’				
Late-June to mid-Sept., weather permitting. Reservable* (see above).	46	\$18	Flush	RV’s and tents, potable water
Summit Lake South - 6695’				
Late-June to early-Sept., weather permitting. Reservable* (see above).	48	\$16	Vault	RV’s and tents, potable water
Southwest Walk-In - 6700’				
Closed for the season, construction.	-	-	-	Closed for season due to visitor center construction
Warner Valley - 5650’				
Early-June to late-Sept.	18	\$14	Vault	RV’s and tents, potable water, trout fishing, gravel road, trailers not recommended.

YOU MUST STORE ALL FOOD!

Bears quickly learn to get food from cars, picnic tables, and backpacks. They then become destructive and sometimes aggressive. They want our food, not us, but people can get hurt. Too often these bears must be killed. This is why you may be fined if you do not store food properly. Campers must store all food, coolers, and related items, day and night, in the metal bear boxes provided in all campgrounds. Backpackers should bearproof their camp by hanging the same items out of bear’s reach. Keep a clean campsite and deposit trash in garbage cans immediately.





An All-American Road



Did you know that the main park road is part of designated scenic byway? On this byway you can explore the wonder and beauty of a dramatic volcanic landscape, which stretches from Crater Lake in Oregon to our very own Lassen Peak in California, making this byway America’s *Volcano to Volcano* highway. The volcanic activity of the past has created unique geological formations such as wavy lava flows and lava tube caves.

Surrounding this volcanic landscape is a wide diversity of scenery. On this byway you can travel through or near dense forests, broad wetlands and habitat areas, pastoral grasslands, farms and ranches, and active hydrothermal features.

The Volcanic Legacy Byway offers even more benefits than just the fascinating volcanic geology and scenery. Each season offers a different array of outdoor recreational opportunities for everyone. The beautiful green forests and mountains along the byway are

home to hiking trails, including the nationally recognized Pacific Crest Trail, ski slopes, and great fishing and kayaking in clear, cool mountain streams and lakes. You can also enjoy viewing the hundreds of species of wildlife along the byway, including over one million birds at Klamath Lake during peak migration in the fall.

Enjoy the beauty of Pelican Bay which inspired John Muir (naturalist, writer, conservationist, and founder of the Sierra Club) to write *The Story of My Boyhood and Youth*, or dangle a line in one of the six national wildlife refuges in the Klamath Basin, reported to be favorite fishing spots of President Roosevelt. Search for your own treasured hideaway along the 500 miles of diverse landscapes which make up the Volcanic Legacy Scenic Byway.

For more information on the Volcanic Legacy Scenic Byway please visit a visitor contact station and ask for a detailed map. You can also call 866-722-9929 or visit their website at:

<http://www.volcaniclegacybyway.org>

