



PEAK EXPERIENCES

May - November 2015

A Year to Celebrate

May 22, 2015 marks the centennial of the Lassen Peak eruption. It was one hundred years ago that an explosive eruption on Lassen Peak devastated nearby areas, raining volcanic ash as far as 200 miles to the east. This explosion, the most powerful in a 1914 – 1917 series of eruptions, provided the impetus for the establishment of Lassen Volcanic National Park on August 9, 1916. In celebration of the Lassen Peak eruption, the park is teaming up with the U.S. Geological Survey (USGS) to provide park visitors with an assortment of activities and presentations during the month of May. The focus of events will highlight the significance of the Lassen Peak eruptions and current monitoring and research by USGS seismologists of potentially active volcanoes, like Lassen Peak, throughout the Cascade Range. View the event schedule at go.nps.gov/lavo/centennial.

This year's Lassen Peak eruption centennial also provides a precursor and stepping-stone to the centennial of both Lassen Volcanic National Park and the National Park Service in August 2016. In celebration of these two centennial signature events, Lassen Volcanic has numerous activities planned for next summer. These include a Dark Sky Dinner Fundraiser event, the official reopening of the Lassen Peak Trail and the culminating "Day in the Park" festival that will feature ranger programs, hikes,

demonstrations, activities, and special guest presentations. As the park's new superintendent, it's exciting to be a part of the centennial celebrations and what the future holds for the park—I am equally honored to be a part of that future. I invite you to come join in the fun and celebrate the next century of your park.



Steve Gibbons

1915 Eruption

The centennial of Lassen's last eruption provides a reminder that California is "volcano country," with major eruptions happening about as often as catastrophic earthquakes. The 1914 - 1917 eruption sequence at Lassen Peak was the last to occur in the Cascade Range before Mount St. Helens erupted in 1980. A year-long series of intermittent steam-driven explosions began on May 30, 1914 and was followed in mid-May 1915 by eruption of a lava dome at the summit of Lassen Peak. A large explosion on the evening May 19, 1915 caused an avalanche and volcanic mudflow (lahar) on the northeast flank of Lassen Peak and a flood in Hat Creek Valley. Three days later, on May 22, the eruption sequence climaxed with a vertically directed explosion, which caused a pyroclastic flow

Continued on page 7

General Information	2 - 3	Special Features	7	Support Your Park	12-13
Campgrounds & Facilities	4 - 5	Hiking Trails	8 - 9	Highway Highlights	14
Events	6	Ranger-led Programs	10 - 11	Directions around the Park	15



GENERAL INFORMATION



Lassen Volcanic National Park

National Park Service
U.S. Department of the Interior

Kohm Yah-mah-nee Visitor Center

Phone: (530) 595-4480 (year-round)

Fax: (530) 595-4477

Loomis Museum

Phone: (530) 595-6140 (summer only)

Fax: (530) 595-6149

Website

www.nps.gov/lavo

Email Address

lavo_information@nps.gov

Mailing Address

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

Social Media

www.facebook.com/LassenNPS

www.youtube.com/LassenNPS

www.twitter.com/LassenNPS



NPS Photographer: Alison Taggart-Barone

Ranger enjoying sunset at Bumpass Hell Parking Area

Accessibility

Accessible facilities include the Loomis Museum, Discovery Center, Manzanita Lake Camper Store, and the Kohm Yah-mah-nee Visitor Center. Wheelchair-accessible restrooms are located at Loomis Plaza, Summit Lake and Kings Creek picnic areas, Bumpass Hell parking area, Kohm Yah-mah-nee Visitor Center, Devastated Area parking area, and Sulphur Works. Wheelchair accessible paths include the Devastated Area interpretive trail, Sulphur Works area, and the Lassen Crossroads information area. Multiple scenic pullouts on the park highway have wheelchair accessible wayside exhibits. See page 4 for accessible campsites. An accessibility guide is available at visitor centers or online.

ATM

The Manzanita Lake Camper Store has an ATM.

Bicycles

Bikes are permitted only on roads and parking areas, not on hiking trails. Ride single file and be attentive to passing cars and recreational vehicles that may not be aware of cyclists. There are no shoulders or bike lanes on Lassen National Park Highway.

Emergency

If you have an emergency call 911. If phone service is not available, contact a park employee or go to a visitor center.

Firearms

Visitors are responsible for understanding and complying with all applicable State of California, local, and federal firearm laws. Federal law prohibits firearms in certain facilities in this park identified by posted signs at public entrances. For more information, visit oag.ca.gov/firearms or contact the chief park ranger at (530) 595-6100.

Fishing

California fishing regulations apply to all areas within Lassen Volcanic National Park. A California fishing license is not required on two free fishing days: July 4 and September 5, 2015. Additional fishing regulations apply at Manzanita Lake:

- Catch and release only.
- Artificial lures with a single barbless hook. No power bait.
- Manzanita Creek above Manzanita Lake is closed to fishing.

Gasoline

Gasoline is available at the Manzanita Lake Camper Store. Gasoline may be purchased with a credit card 24 hours a day from May 22 to October 13, 2015. Note that there is no gas available within 30 miles of the southwest entrance.

Food Storage

Proper food storage keeps wild animals wild. Allowing a bear to obtain human food often results in aggressive bear behavior. Aggressive bears are a threat to human safety and must be relocated or euthanized. Do not feed bears or other wildlife for any reason. Federal regulations require that all food and scented items be properly stored when in the park. Bear canisters are available for rent at the Loomis museum and Kohm yah-mah-nee Visitor Center. Help keep bears wild and humans safe. Remember, a fed bear is a dead bear.

- In campgrounds and cabins, store your food and scented items in food lockers. Only have the food out that you are actually using; if you are not using it, please put it back into the food locker.
- In picnic areas and on the trail, always keep your food within arm's reach and do not turn your back on your food. Never leave food unattended.

Hydrothermal Area Safety

For your safety, please stay on established trails and boardwalks. The ground in hydrothermal areas can look solid but may actually be a thin crust hiding pools of acidic boiling water. Traveling off-trail in hydrothermal areas is illegal and has resulted in severe injuries for previous visitors.

Picnic Areas

Picnic areas are found throughout the park (see the map on page 14). Charcoal disposal is available at Kings Creek Picnic Area only.

Phones

Cell phone coverage in the park is limited and unreliable. Pay phones are located outside the Manzanita Lake Camper Store and the Loomis Museum. An emergency phone is located in the Kohm Yah-mah-nee Visitor Center.



Watercraft Rental

Kayak, canoe, stand-up paddle board, and cataraft rentals are available in the Manzanita Lake Camper Store. Watercraft rentals are offered from 9 am to a 1/2 hour before sunset daily on a first-come, first-served basis.

Take a guided moonlight tour of Manzanita Lake. Tours are offered on nights surrounding the full moons and during the Perseid meteor shower. Call the Manzanita Lake Camper Store at (530) 335-7557 for more information. Check camper store hours on page 5.

Pets in the Park

Activities with pets are limited at Lassen Volcanic. Pets must be restrained at all times and are not permitted on hiking trails, in the park backcountry, in any body of water, or inside visitor centers or other park facilities. A good rule of thumb is that a pet may go anywhere a car may go: roads and road shoulders, campgrounds, picnic areas, and parking areas. For your pets' safety, do not leave them in vehicles when temperatures are high; they can die of heat exhaustion. Vast public lands nearby offer great hiking with pets. Ask a ranger for information on nearby hiking trails that allow pets.

Share the Road

Park roads are narrow and winding. Do not stop in the roadway—save sightseeing for designated viewpoints. Watch for pedestrians, bicycles, and wildlife. Ensure a minimum passing distance of three feet (one meter).

Showers and Laundry

Coin-operated showers and laundry machines are available 24 hours a day at the Manzanita Lake Camper Store. A change machine is located in the laundry room.

Sunrise and Sunset

Date	5/15	6/15	7/15	8/15	9/15	10/15
Sunrise	5:51 am	5:35 am	5:48 am	6:16 am	6:46 am	7:16 am
Sunset	8:14 pm	8:37 pm	8:36 pm	8:05 pm	7:17 pm	6:28 pm

Weather

With elevations from 5,650 feet to 10,457 feet, a wide variety of weather conditions occur in Lassen Volcanic. Expect a 5° temperature decrease for every 1,000 foot increase in elevation. Prepare for your visit; bring layered clothing, a raincoat, and sunscreen.

Month	Average High/Low
May	70/29 °F
June	79/34 °F
July	84/40 °F
August	85/40 °F
September	78/36 °F
October	69/30 °F

Manzanita Lake Temperatures

CAMPGROUNDS

First-Come, First-Served

All campgrounds (except group campsites), have designated first-come, first-served campsites. You cannot reserve these sites, but they can fill up. You may not hold a site for someone who has not arrived.

Reservable Sites

Sites may be reserved in advance for certain campgrounds—see the chart below. For reservations call 1-877-444-6777 or visit www.recreation.gov. Reservations are required for group campsites.

Stock Corrals

Stock corrals are available at Butte, Summit, and Juniper Lakes. Potable water is not available at Juniper Lake and Summit Lake Stock Corrals. Reservations are required; call 1-877-444-6777 or visit recreation.gov.

Check-in & Check-out

Check-in any time, but sites may not be available until noon. Check-out time is noon.

Campsite Capacities

A maximum of two vehicles are allowed at each campsite, except at designated group sites. An RV, tow vehicle, trailer, car, or truck each count as one vehicle. Campsite capacity is limited to six persons and three tents. Group campsite capacity is 25 persons per site. Group campsites at Juniper Lake are restricted to tents with a maximum of 15 persons per site.

Quiet Hours

Each visitor deserves to hear the natural sounds of this beautiful environment. Respect this by complying with the regulations: generator operation hours are 8-10 am, 12-2 pm & 5-7 pm; quiet hours are 10 pm-6 am. Generators are not allowed in tent only loops. Please be considerate of your fellow campers.

Services and Dump Station

In-park services including pay showers, laundry, and a dump station are available near the Manzanita Lake campground. Hookups are not available in the park.

Campground	Elevation	# Sites	Season	Accessible	Flush Toilets	Vault Toilets	Services	Boat Launch	Reservable	RV Sites
Butte Lake*	6100'	101	6/5 - 10/27	•	•	•		•	•	•
Crags	5700'	Converted to youth camp; closed to the public*								
Juniper Lake*	6800'	18	6/26 - 10/13			•		•		
Manzanita Lake	5900'	179	5/22 - <small>snow closure</small>	•	•	•	•	•	•	•
Summit Lake North	6700'	46	6/26 - 9/15	•	•			•	•	•
Summit Lake South*	6700'	48	6/26 - 9/29			•		•	•	•
Southwest Walk-In	6700'	20	Year-round		•	•				
Warner Valley*	5600'	17	6/5 - 10/14			•				
Butte Lake Group Sites	6100'	6	6/5 - 9/15			•		•	•	•
Lost Creek Group Sites*	5900'	8	6/12 - 9/22*			•			•	•
Manzanita Lake Group Sites	5900'	4	5/22 - 6/28 9/8-10/13		•	•	•	•	•	•
Juniper Lake Group Sites	6800'	2	6/26 - 10/13			•		•	•	
Butte Lake Stock Corral	6100'	1	6/5-9/15			•		•	•	
Juniper Lake Stock Corral	6800'	1	6/26-10/13			•		•	•	
Summit Lake Stock Corral	6700'	1	6/26-9/15			•		•	•	

* See Special Considerations on next page

*Special Considerations

Roads to Juniper Lake, Warner Valley, and Butte Lake are rough gravel. Trailers are not advised on Juniper Lake and Warner Valley roads. Potable water is not available at Juniper Lake. Potable water at Butte Lake, Summit Lake South, and Warner Valley is available through 9/15. Lost Creek Group Sites are closed 7/28 to 8/4 for a special event. Crags is closed to the public; read about the new Volcano Adventure Camp on page 13.

Discounts

Holders of Senior and Access passes receive a 50% discount on camping fees, except for group campsites.

Length of Stay

Camping is limited to 14 days per year, per campground, except at Summit and Juniper Lakes, which are limited to 7 days per year.

Overflow Camping

No overflow camping exists in the park; however, the park rarely fills all available campsites. Camping or overnight vehicle parking in pullouts, parking areas, picnic grounds, or any place other than a designated campground is not permitted.

Camping in Vehicles

Camping in self contained vehicles is allowed in a designated area of the Kohm Yah-mah-nee Visitor Center parking area with campground payment (a campsite is not required).

Campfire Restrictions

Open fires are restricted to metal fire rings only-no fires in the backcountry. Gather only dead and down wood less than 4 inches in diameter and within 30 feet of roadways. Attend to campfires at all times and ensure your campfire is out cold before you leave. Wood is available for purchase at the gift shop in the visitor center and at the Manzanita Lake Camper Store.

Promote the Health of California's Forests Buy and Burn Local Firewood

Moving firewood long distances can spread invasive insects and diseases that threaten the health and beauty of California's forests.

- Buy and burn your wood in the same county or region where it was cut
- Transport wood less than 50 miles from its origin
- When you camp, leave firewood at home and buy or collect firewood where you camp

Learn more at dontmovefirewood.org and firewood.ca.gov



Services and Facilities



Kohm Yah-mah-nee Visitor Center

Southwest Area

6700' (2042 m) elevation. 50 miles east of Red Bluff on Highway 36 then 6 miles north on Highway 89.

Kohm Yah-mah-nee Visitor Center

Exhibits, park film, maps, and Lassen Association bookstore. Lassen Café & Gift offers supplies, gifts and food. The visitor center is open 9 am to 5 pm daily. (Lassen Café & Gift is open daily 5/22 through 10/13).

Manzanita Lake Area

5900' (1798 m) elevation. 47 miles east of Redding on Highway 44, then one mile beyond the northwest park entrance.

Loomis Museum

Exhibits, park film, maps, and Lassen Association bookstore. Open 9 am to 5 pm

Summer Season Dates

5/22 to 6/15 Friday through Sunday only
6/15 to 10/31 Daily

Manzanita Lake Camper Store

Supplies, gifts, food, and gasoline. Open 5/22 to 10/13, 9 am to 5 pm (except 6/13-9/7, 8 am to 8 pm)

Manzanita Lake Cabins

1-room, 2-room and bunk cabins for \$69 or \$95. Available 5/22 to 10/12. For reservations call: 1-877-444-6777. Check-in at Camper Store. After hours call (530) 335-7557 or manzanitalake@calparksco.com.

Warner Valley Area

5600' (1707 m) elevation. 17 miles north of Chester.

Drakesbad Guest Ranch

Lodging, restaurant, thermal-heated pool, and horseback riding. Open 6/5 to 10/13 (weather permitting). Reservations required, call (866) 999-0914.

SUMMER EVENTS



Night sky viewing at Bumpass Hell Parking Area

NPS Photographer Michael Silverman

Lassen Dark Sky Festival

Friday through Sunday, August 7 through 9

Half the park is after dark! From animals to plants and water to volcanoes, Lassen Volcanic National Park protects many different natural phenomena. However, one of the most spectacular is frequently overlooked—our incredible, dark, night sky.

Join park rangers, astronomers, and scientists in celebrating all that is out of this world during Lassen's fourth Dark Sky Festival. Special programs, presentations, hikes, and junior ranger activities will be offered. Event schedules will be available at the Kohm Yah-mah-nee Visitor Center and Loomis Museum, and online at go.nps.gov/darksky beginning early July.

Art & Wine of Lassen

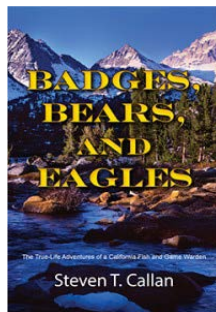
Saturday, September 26

Celebrate local art, wine, and music at Lassen. Returning for its sixth year, this popular event featuring local businesses is held at the Kohm Yah-mah-nee Visitor Center. Taste wine from local vineyards, sample products from regional entrepreneurs, and enjoy music from local artists. Park admission is free September 26 in celebration of National Public Lands Day.

Lassen Authors Book Signing

Saturday, July 11 | 10 am - 3 pm

Stop by the Kohm Yah-mah-nee Visitor Center to meet Steven T. Callan, author of *Badgers, Bears and Eagles*. For over thirty years as a California Department of Fish and Game wildlife protection office, Steve Callan conducted some of the most fascinating, complex and highly successful wildlife investigations in California.



Reach Higher Trail Challenge

Beginning on National Get Outdoors Day, June 13, you can participate in the new Reach Higher Trail Challenge. Exercise in the great outdoors by completing at least three hikes during your visit and calculate your calories burned to **earn a free bandana!** Pick up a participation brochure at any visitor center.



Photography Field Workshops

July 24 and 25 or September 18 and 19

Hone your nature photography skills at a field workshop organized by the Lassen Association, a non-profit park partner. This summer, accomplished photographer and University of California, Davis instructor Terry Nathan (terrinnathanphoto.com) will lead two, two-day workshops in the park. Participants of all experience levels are invited to improve their photography skills through hands-on instruction in Lassen's stunning landscape. Course registration is highly recommended, however walk-ons may be available. Course dates and times may change due to weather. All field seminar proceeds directly benefit the park. Contact the Lassen Association for more information or to register. (530) 378-1495 | lassenassociation@yahoo.com | lassenassociation.org. Cost is \$150 / \$135 members.

Volcano Adventure Event

Saturday, September 19 | 5:30 pm

McConnell Foundation, Redding, CA

Support Lassen Volcanic National Park with an evening of great food and company at the Lassen Park Foundation's annual fundraising event. This special event includes a silent and live auction and dinner. Learn more at lassenparkfoundation.org or call (530) 378-2600.

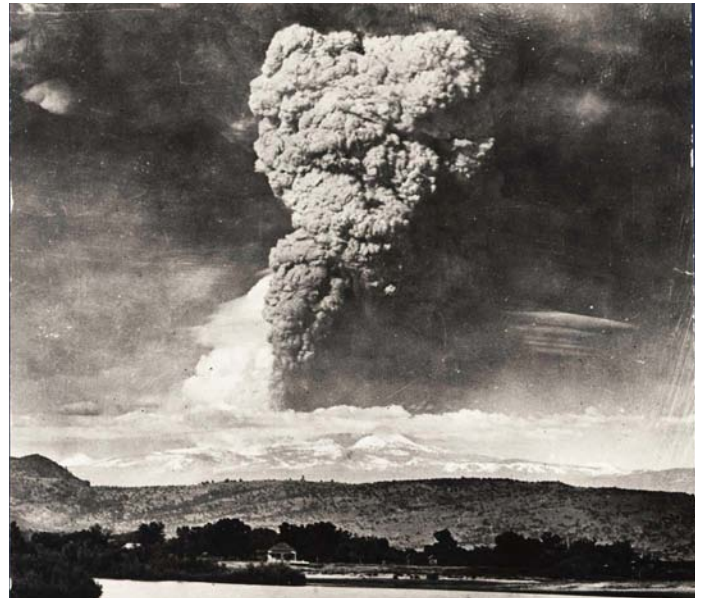
1915 ERUPTION

Continued from front page

in the Devastated Area, more lahars, ash fall, and another flood in Hat Creek Valley. After May 22, activity returned to intermittent steam explosions, which waned over the next two years. The 1914–1917 eruptions were of relatively small volume (at least 20 times smaller than Mount St. Helens in 1980) and the effects of the eruptions were mostly confined to the area now within Lassen Volcanic National Park. Only during May 19–22, 1915 were areas outside the park affected.

If a similar eruption happened today, the effects on the park and in the Hat Creek Valley would be significant. The park highway in the Devastated Area would be buried and the bridge over Lost Creek possibly destroyed. The water system serving the Manzanita Lake area could be compromised. Highway 89 in the Old Station area would be cut and perhaps in other places in the lower Hat Creek Valley as well. The effects of floods would be significant at least to the Pit River (30 miles north) and could adversely impact hydroelectric facilities. Many residences and farmlands would be inundated and power lines damaged. Drifting ash would likely disrupt transportation systems over extremely large areas for hours to days, including roads and cars, airports and aircraft, and railways. Even a light dusting of ash can seriously reduce visibility on highways, make roads slippery for cars, strand travelers, damage vehicles and aircraft, and result in the temporary shut down of airports and highways.

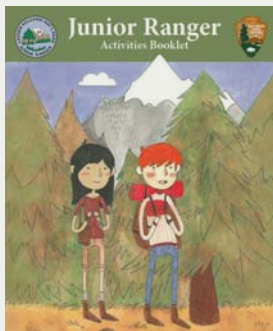
The USGS Volcano Hazards Program has conducted research in and around the park for many years to determine the eruptive history of the area and identify potential hazards. The findings indicate that during the last 100,000 years, at least 72 volcanoes in and around the park in addition to Lassen Peak have erupted—the youngest are eruptions at Cinder Cone (1666 A.D.) and Chaos Crags (about 850 A.D.).



May 22, 1915 eruption from the Sacramento River near Red Bluff. For a more detailed description see *A Sight "Fearfully Grand"—Eruptions of Lassen Peak, California, 1914–1917* online at (<http://pubs.usgs.gov/fs/2014/3119>), and also available at the Kohm Yah-mah-nee and Loomis Museum visitor centers

Since eruptions in the future are most likely to be similar to those in the past, these USGS investigations provided the information necessary to produce a volcano hazards assessment for the Lassen region. Recent work in collaboration with academic institutions has focused on the processes that lead to eruptions from magma chambers at depth. Warning signs generally precede volcanic eruptions, and the USGS California Volcano Observatory monitors the Lassen volcanic center and other volcanoes in the state using seismic and deformation networks that can detect the signals of an impending eruption. For more information see volcanoes.usgs.gov/observatories/calvo and go.nps.gov/lavo/volcanoes.

Michael Clynne & Patrick Muffler, USGS Scientists



Kids in Parks

Our youngest explorers are welcome to participate in the Lassen Volcanic National Park **Chipmunk Club**. Kids can learn more about wildlife in the park and earn a Chipmunk Club sticker.

Kids between the ages of 7 and 12 are invited to participate in our **Junior Park Ranger** program. Choose from a variety of

activities while learning more about Lassen Volcanic National Park. Kids who complete the Junior Ranger activity booklet can earn a patch.

Pick up your Chipmunk Club card or new Junior Ranger Activities Booklet at the Loomis Museum or Kohm Yah-mah-nee Visitor Center.

HIKING TRAILS

Which Hike is Right for You?

There are over 150 miles of trails in Lassen and each one offers its own reward. Below is a small selection of some of the day hikes in the park. A handout detailing

additional day hikes is available at the Loomis Museum and Kohm Yah-mah-nee Visitor Center.

Average Level of Difficulty: Easy ● Moderate ●● Moderately Strenuous ●●● Strenuous ●●●●

Manzanita Lake ●

Start: Pick up the trail from the Loomis Museum or Manzanita Lake Campground

Length: 1.8 miles (2.9 km) loop

Elevation Gain: None

Time: 1 hour

Easy walk around the lake. Keep your eyes and ears alert; birds, trout, wildflowers, and wildlife frequent the lakeshore. Trail can be rocky at times. Enjoy catch and release fishing with excellent mountain views.

Lily Pond Nature Trail ●

Start: Trailhead is located across the street from the Loomis Museum

Length: 0.75 miles (1.2 km) loop

Elevation Gain: None

Time: 45 minutes

Easy walk through the woods skirts Reflection Lake and a lily pond. Interpretive brochures correspond to numbered posts that detail flora in the area. This is an excellent hike for families with young children.

Devastated Area ●

Start: Devastated Area parking area, 10 miles south of Loomis Museum

Length: 0.5 miles (0.8 km) loop trail

Elevation Gain: None

Time: 30 minutes

Easy walk along a paved trail. Interpretive exhibits with audio description highlight the eruption of Lassen Peak with great views along the entire trail. This trail is accessible for sight and mobility impaired visitors.

Devils Kitchen ●●

Start: Trailhead North of the Warner Valley Campground on the Warner Valley Road.

Length: 4.2 miles (6.8 km) round trip

Elevation Gain: 440 feet (134 meters)

Time: 2 hours

Trail gradually crosses through meadow and forest to a circuit that winds through mudpots, steam vents, fumaroles and milky Hot Springs Creek.

Bumpass Hell ●●

Start: Bumpass Hell parking area, 6 miles from southwest entrance

Length: 3 miles (4.8 km) round trip

Elevation Gain: 300 feet (91 meters)

Time: 2 hours

Moderate hike over rocky terrain with grand vistas. The trail drops into an active hydrothermal basin where you can view mudpots and fumaroles. For your safety, please stay on the boardwalk. This trail often has snow hazards through July and into August.

Paradise Meadow ●●

Start: The trail begins across the highway from the Hat Creek parking area

Length: 2.8 miles (4.5 km)

Elevation Gain: 700 feet (213 meters)

Time: 2 hours

Scenic trails climbs gradually to a cliff encompassed meadow. This well-shaded trail includes a number of small footbridge creek crossings and tumbling cascades. Wildflowers abound in late-July or August.



Panoramic views from the top of Lassen Peak



Devastated Area interpretive trail



Steep climb up Cinder Cone

Pets are not permitted on hiking trails, in any body of water, or in park buildings.

Mill Creek Falls ●●●

Start: Kohm Yah-mah-nee Visitor Center, 1 mile from southwest entrance

Length: 3.2 miles (5.1 km) round trip

Elevation Gain: 307 feet (94 meters)

Time: 2.5 hours

Rolling hike through red fir forest follows Mill Creek as it gradually descends to a viewpoint of the falls. Bridges cross East Sulphur Creek at the top of the falls. Use caution on bridges, they do not have handrails.

Cinder Cone ●●●

Start: Butte Lake parking area. Southwest side of the boat ramp.

Length: 4 miles (6.4 km) round trip

Elevation Gain: 846 feet (258 meters)

Time: 3 hours

A path of loose cinders skirts the Fantastic Lava Beds before climbing steeply to the summit. The trail continues into the summit crater and offers spectacular views of Lassen Peak and the Painted Dunes.

Lassen Peak ●●●●

Start: Lassen Peak parking area, 8 miles north of the southwest entrance

Length: 4.8 miles (7.7 km) round trip

Elevation Gain: 1,957 feet (596 meters)

Time: 5 hours

Steep climb up a trail of loose rock and cinder switchbacks along a ridge to the first summit of the peak of the park's namesake. Great views on the ascent and superb panoramic views from the top.

Explore Safely

Safety is *Your* Responsibility

- Bring water
- Wear sturdy boots
- Bring extra food
- Pack a map and compass
- Check the weather forecast
- Carry extra layers for warmth
- Tell someone where you are going and when you will return



Wilderness Camping



Permit Required

A free wilderness permit is required for overnight camping in Lassen Volcanic's backcountry wilderness. Permits are available in-person during operating hours at the Loomis Museum and the Kohm Yah-mah-nee Visitor Center. Self-registration is available after hours at the above locations and at the Juniper Lake, Butte Lake, and Warner Valley Ranger Stations. Permits are also available at least two weeks in advance through the park website.

Leave No Trace

Enjoy Lassen Wilderness responsibly. Observe Leave No Trace principles including: camp at least 300' from other groups, 100' from streams and lakes, and at least 1/2 mile from any developed area.

Protect Yourself and the Park

To protect wildlife, food and other scented items must be hung off the ground or stored in bear-resistant containers. Canisters are available at the Kohm Yah-mah-nee Visitor Center and Loomis Museum. To protect fragile resources, campfires are not allowed anywhere in the backcountry; gas stoves are permitted. Filter or treat all drinking water; Giardia has been found in park water sources.

Hydrothermal Area Danger

For your safety, stay on established trails and boardwalks. Ground in hydrothermal areas can look solid but may actually be a thin crust hiding pools of acidic boiling water. Traveling off-trail in these areas is illegal and may result in severe injury.



Stay on established trails to avoid injury

"It feels like I put my leg in a flame"

- Visitor injured at Devils Kitchen

RANGER-LED PROGRAMS

Programs run from **June 26 to August 16, 2015.**

Check bulletin boards for programs scheduled from **August 17 to September 6, 2015.**

Monday		
10:30 am	Inside of a Volcano	Sulphur Works
10:30 am	Cougar	Loomis Museum
1:30 pm	Volcanoes	Loomis Museum
Tuesday		
9:30 am	Lakes and Ponds	Loomis Museum
10:30 am	Inside of a Volcano	Sulphur Works
2:30 pm	Pioneers	Manzanita Lake
Wednesday		
9:30 am	Junior Ranger	Manzanita Lake
10:30 am	Inside of a Volcano	Sulphur Works
11:00 am	On the Wild Side	Loomis Museum
2:30 pm	Bear Necessities	Kohm Yah-mah-nee
7:30 pm (Jul) 7:00 pm (Aug)	Summit Lake Evening	Summit Lake
9:00 pm	Starry Nights	Devastated Area
Thursday		
1:30 pm	Volcanoes!	Manzanita Lake
3:30 pm	On the Wild Side	Kohm Yah-mah-nee
Friday		
9:30 am	Junior Rangers	Summit Lake
10:30 am	Inside of a Volcano	Sulphur Works
1:00 - 3:00 pm	Discovery Center	Discovery Center
3:30 pm	Bear Necessities	Kohm Yah-mah-nee
7:30 pm (Jul) 7:00 pm (Aug)	Summit Lake Evening	Summit Lake
9:00 pm (Jun-Jul) 8:30 pm (Aug)	Manzanita Lake Evening	Manzanita Lake



Early Birds program at Manzanita Lake

Saturday		
8:00 am	Early Birds	Manzanita Lake
9:30 am	Junior Rangers	Manzanita Lake
10:30 am	Inside of a Volcano	Sulphur Works
12:30 pm	On Top of a Volcano	Top of Lassen Peak
2:30 pm	Pioneers	Manzanita Lake
3:30 pm	On the Wild Side	Kohm Yah-mah-nee
7:30 pm (Jul) 7:00 pm (Aug)	Summit Lake Evening	Summit Lake
9:00 pm (Jun-Jul) 8:30 pm (Aug)	Manzanita Lake Evening	Manzanita Lake
Sunday		
9:30 am	Sense of Wonder	Manzanita Lake
9:30 am	Junior Rangers	Manzanita Lake
10:30 am	Inside of a Volcano	Sulphur Works
12:30 pm	On Top of a Volcano	Top of Lassen Peak
2:00 pm	Flowers in Bloom	Hat Creek (Jun-Jul) King Creek (Aug)
3:30 pm	On the Wild Side	Kohm Yah-mah-nee



Pioneers living history program

Program Descriptions

Programs are 45 minutes long unless otherwise noted. Exact program locations are noted in italics.

Bear Necessities

Learn about black bears and how you can help them stay wild in Lassen Volcanic. *Kohm Yah-mah-nee patio or outside Loomis Museum.*

Cougar: The American Mountain Lion

This majestic member of the cat family personifies strength, grace, mystery, and the wilderness spirit. *Outside Loomis Museum.*

Discovery Center

***Open for drop-in 1:00 p.m. to 3:00 p.m.**

Check out the exhibits and join a park ranger for ongoing short programs and demonstrations on various natural history subjects. Inquire at the Loomis Museum for directions to the Discovery Center.

Early Birds

Take an easy walk and discover the birds of Manzanita Lake. *Manzanita Lake Camper Store, one hour.*

Flowers in Bloom

Learn to identify wildflowers as you walk with a ranger along scenic creeks and meadows. *June, July - Paradise Meadows Parking Area, August - Kings Creek Picnic Area, one hour.*

Inside of a Volcano

Mudpots, fumaroles, and boiling pools... such features remind us that our planet is alive and constantly changing. Join a ranger and discover what drives Sulphur Works and learn about the secrets that make its features unique. *Sulphur Works, 30 minutes.*

Junior Rangers

If you are 7 to 12 years old, you can become a junior ranger by joining in this fun adventure. Learn about the park through games and outdoor activities. *Manzanita Lake Amphitheater, two hours or Summit Lake Amphitheater, two hours.*

Lakes and Ponds

Join a park ranger for a casual walk to explore the hidden wonders of a lake and two ponds. *Outside Loomis Museum, one hour.*

Manzanita Lake Evening Program

June, July - 9:00 p.m., August - 8:30 p.m.

Join a park ranger for an evening program about the park's natural or cultural history. *Manzanita Lake Amphitheater*

On the Wild Side

Discover some of the "wilder sides" of the park during this program. Topics vary from the natural to the cultural history of the park. *Outside the Loomis Museum or Kohm Yah-mah-nee Visitor Center, 30 minutes.*

On Top of a Volcano

You've made it to the top of Lassen! Catch your breath and learn more about the historic 1915 eruption of Lassen Peak. Bring your lunch and meet a ranger at the top of Lassen Peak.

Pioneers

It's 1853 along the wagon road called the Nobles Emigrant Trail. You will visit a pioneer camp and meet some rugged travelers who tell stories about their journey to California. *Manzanita Lake Amphitheater.*

Sense of Wonder

A special program for young children ages 4 to 6. Emphasis on outdoor activities that promote nature awareness through the use of the senses. Parents are welcome but not required to attend. *Manzanita Lake Camper Store, 90 minutes.*

Starry Nights

Join a park ranger for a program on stars, planets, and constellations. Hear stories and learn to locate objects in the sky.

Summit Lake Evening Program

July at 7:30 p.m., August at 7:00 p.m.

Join a park ranger for a lively program about the natural or cultural history of the park. *Summit Lake Amphitheater.*

Volcanoes!

Did you know that every mountain in the park is a volcano or part of one? Learn about the geology and volcanic history of the park. *Outside Loomis Museum.*



A visitor looks through a solar scope at the Dark Sky Festival

SUPPORT YOUR PARK

Entrance Fees

Your park fees provide funding for park projects that improve and enhance the experience for park visitors. Lassen Volcanic National Park has planned a fee increase for entrance, campground, and dump stations fees. The fee increases are scheduled to go into effect June 1, 2015.



Entrance fees at the park have not increased since 1998 and the increased revenue will be used towards projects and services that directly benefit the visitors to the park, such as providing children's interpretive exhibits in the visitor center, improving campground roadways and restrooms, and improving and maintaining Kings Creek Falls and Bumpass Hell trails. There are many other projects and services that the revenue will be used towards and all provide better and safer services for the visitors.

Applying use fees to projects in the area where they were collected assures that actual users pay an increased share of operational costs. Eighty percent of the fees collected at Lassen are returned to the park for specific projects.

Annual passes can be obtained at park entrance stations, by phone, or online. To purchase a Lassen Annual Pass visit www.pay.gov or call (530) 595-6120. To purchase Interagency Passes, visit www.store.usgs.gov/pass or call 1-888-ASK-USGS, ext. 1.



Shop and Support Your Park

Lassen Association bookstores, located within the Kohm Yah-mah-nee Visitor Center and the Loomis Museum, offer books, maps, and videos about the natural and cultural history of Lassen. This year the bookstores will be offering a special 100th anniversary edition of B.F. Loomis' *Pictorial History of Lassen Volcanic* for the centennial celebration. Bear canisters are also available for rent or purchase.

All profits go directly to the park.

For information on how to join the association, visit www.lassenassociation.org, call (530) 378-1495 or email lassenassociation@yahoo.com.



California Guest Services, an authorized concessioner of the National Park Service. Two locations to serve you within Lassen Volcanic National Park:

Manzanita Lake CAMPER SERVICE STORE

Kayak rentals, T-shirts, souvenirs, groceries, gas, ice, wood, beer, and wine. Snacks, soft serve ice cream. Hot showers, laundromat, ATM.

Open late May to mid-October.

Manzanita Lake Camper Store: Located 3 miles from the Northwest Entrance, next to the campground.

Manzanita Lake CABINS

CABINS MAY BE AVAILABLE TONIGHT!
Check with the Manzanita Lake Camper Store. (530) 335-7557 www.LassenRecreation.com

Lassen Café & Gift

Apparel, fine gifts, local art, souvenirs and hiking essentials. Grilled panini sandwiches, fresh salads, healthy snacks and assorted beverages including espresso, beer & wine. Weekend BBQs.

Open daily late May to mid-October.

Lassen Café & Gift: Located at the Park's Southwest Entrance in the Kohm Yah-mah-nee Visitor Center.

SAVE 15%

on one gift item!

Valid for 15% off one gift item at Manzanita Lake Camper Service Store or Lassen Café & Gift. Must present coupon to redeem offer. May not be combined with any other offer. Expires 12/31/14.

LassenRecreation.com

Drakesbad Guest Ranch
Where families are a tradition.

And now it is more affordable than ever to give your family the Drakesbad Guest Ranch experience. In addition to the famous hot springs **heated pool** and **horseback riding**, new activities like **archery** and **guided stargazing** will ensure your kids experience the outdoors like never before. For more information visit www.drakesbad.com or call 866-999-0914.

www.drakesbad.com
California Guest Services is an authorized concessioner of the National Park Service.

A New Place for Youth

In 2016 Lassen Volcanic National Park will celebrate its centennial year and a new youth camp will offer opportunities for young people to discover their national park. In response to Lassen's successful Youth Camping Program, Lassen is now renovating what was Crags Campground to include tent cabins, sheltered picnic pavilions, and shower facilities.

This summer season, Crags Campground will be closed to the public as Lassen begins its conversion to *Volcano Adventure Camp*. The facility will be available for use by a wide range of youth organizations including school groups, educational groups, and scouting organizations. Through outdoor immersion, *Volcano Adventure Camp* will facilitate the creation of deep connections between a younger generation and the park. Learn more about this project at go.nps.gov/VAC.



Artist-in-Residence Program

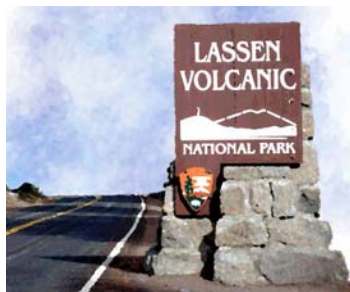
Lassen is proud to welcome its second Artist-in-Residence, Mt. Ashland artist Pam Haunschild. This summer, she will reside in the park for up to four weeks capturing the park through her colorful works of art.



After a career as a social science professor, Pam found the time to develop another lifelong interest. "Being retired gave me the mental space to pursue art. I began taking classes and workshops and teaching classes," she says. "I really immersed myself in it—and I'm having the time of my life."

Pam uses mix media in her paintings to depict views of nature. Largely working with limestone clay, acrylics, and beeswax, her work includes patterns and textures that lend an abstract element. "I try to convey emotion and an appreciation of nature through bright colors and strong design elements," she explains.

The Artist-in-Residence program offers amateur and professional artists an opportunity to pursue their particular art form in the park's inspiring environment. Post cards and prints of artist's work are available at park bookstores. Learn more or apply to the program at go.nps.gov/lassenair.



Digital paintings by 2014 Lassen Artist-in-Residence Melissa Lockwood



The Lassen Park Foundation has committed to raising \$600,000 for Lassen's new youth camping facility, *Volcano Adventure Camp*. This youth camping facility will be dedicated to helping youth develop profound connections through outdoor immersion

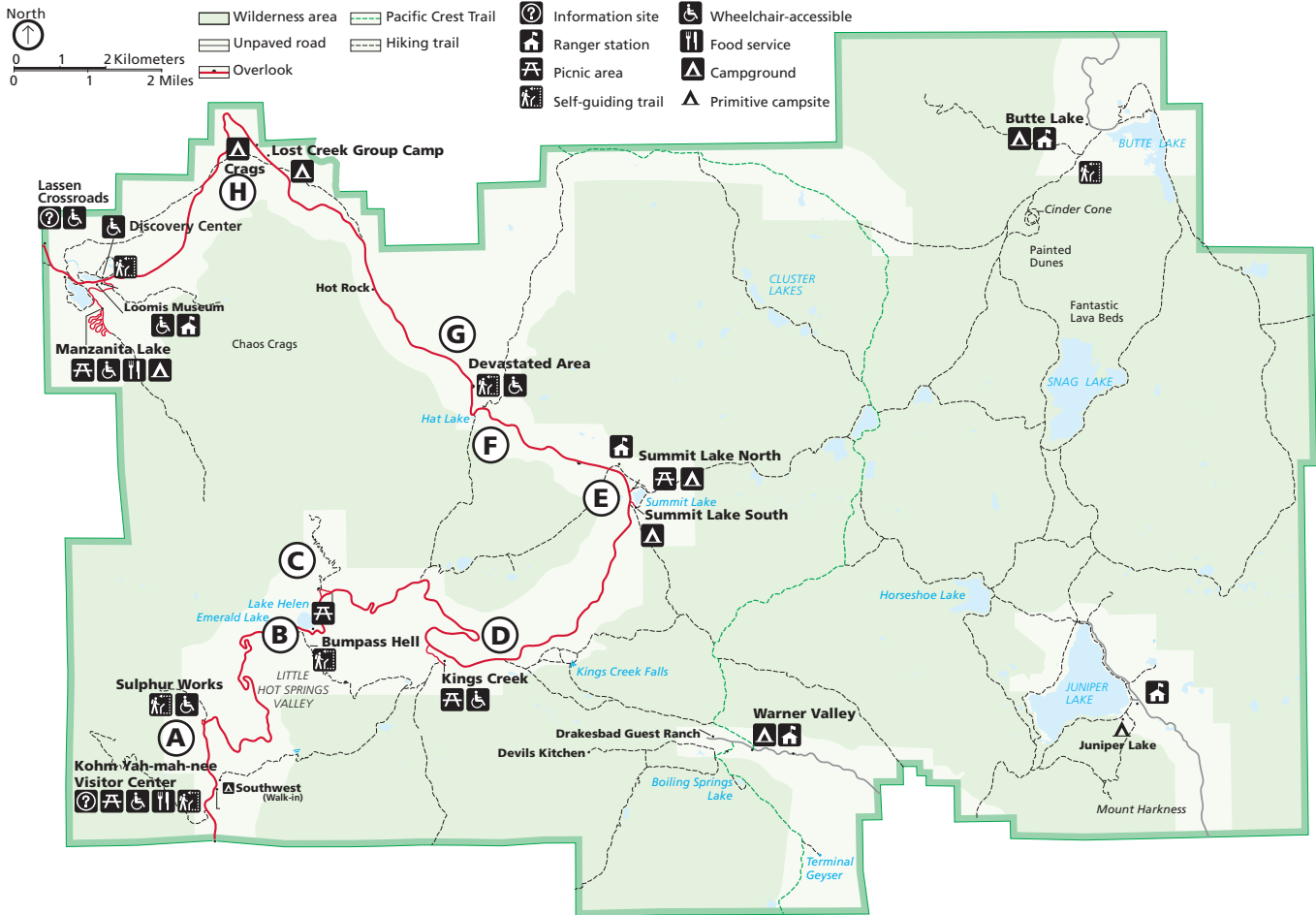
The Lassen Park Foundation also supported trail restoration, the Kohm Yah-mah-nee Visitor Center and park film, Lassen Crossroads, at-risk youth camping grants, and Lassen's winter snowshoe education program.

The Lassen Park Foundation provides support to preserve and interpret the special natural and cultural resources of Lassen Volcanic National Park and its environs for future generations.

Become a Friend of Lassen by contributing to the Lassen Park Foundation!
Your donation is tax-deductible.

(530) 378-2600
lassenparkfoundation.org
info@lassenparkfoundation.org

LASSEN HIGHWAY HIGHLIGHTS



The 30-mile Lassen Volcanic National Park Highway offers an excellent introduction to the park. For a more in-depth auto-tour, pick up the printed guide, *Lassen Volcanic National Park: Auto Tours, Trips, and Trails* at the Loomis Museum or Kohm Yah-mah-nee Visitor Center.

A. Sulphur Works

Have a safe hydrothermal experience at a roadside fumarole (steam vent) or surround yourself in the gurgling symphony of boiling mudpots at the park's most easily accessible hydrothermal area.

B. Brokeoff Volcano Overlook

Can you spot the former Brokeoff Volcano, also known as Mt. Tehama, in the volcanic remnants that surround you? The nearby boulder tells the story of this massive volcano's slow disappearance.

C. Lassen Peak Parking Area and Viewpoint

Experience the majesty of Lassen Peak from the highest point on the park road at 8,512 feet.

D. Kings Creek Meadow Scenic Pull-out

Get your camera ready for this scenic spot where Kings Creek meanders through an expansive meadow at the foot of Lassen Peak.

E. North Summit Lake Picnic Area and Loop Trail

This perfect picnic spot invites you to take a dip in Summit Lake, stroll around the Summit Lake loop trail, or get ready for a trek out to Twin Lakes.

F. Hat Creek

Don't miss this area's fantastic fall colors. Use the crosswalk to access hidden Hat Creek meadow. Can you tell what animal used to live here?

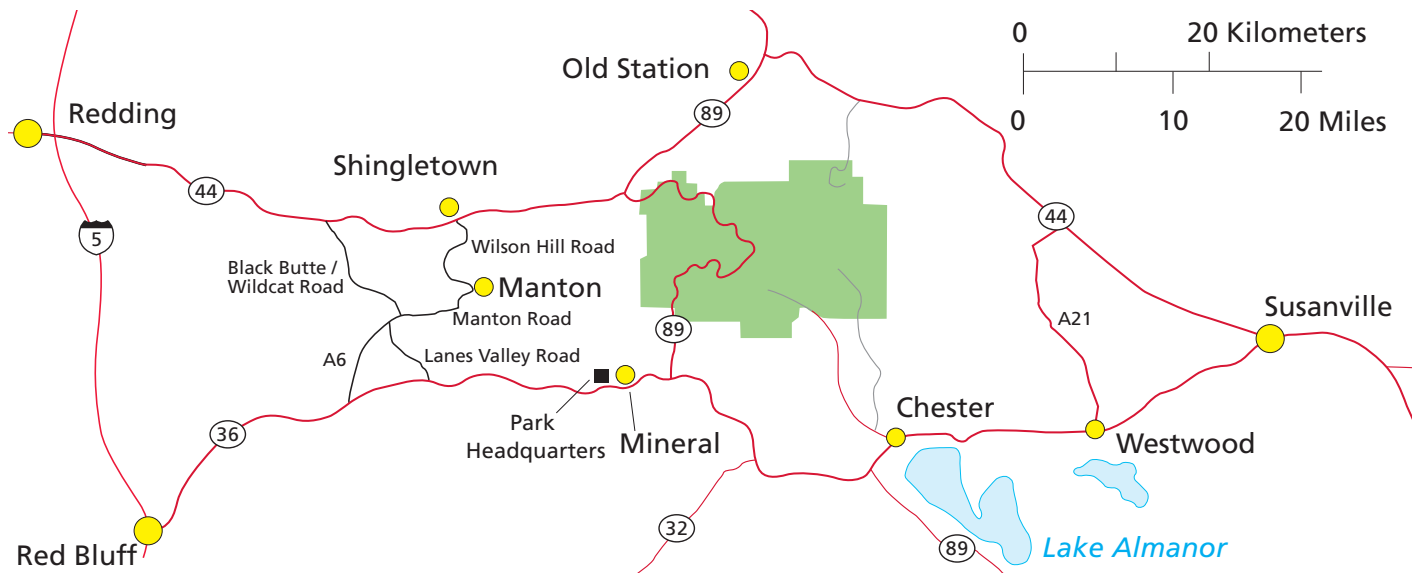
G. Devastated Area

Discover the story of devastation and forest recovery following Lassen Peak's last eruption on this short, accessible trail.

H. Chaos Crags and Jumbles Scenic Pull-out

Look for this pull-out on the north side of the road about a mile from the Loomis Museum. Can you imagine the rock slide racing nearly 100 miles an hour down Chaos Crags to create Chaos Jumbles?

TRAVEL AROUND THE PARK



Travel Around the West Side of the Park

This route is the shortest route around the park. This windy road is not recommended for RVs and trailers. **Average travel time is one hour and 45 minutes.**

1. From the Kohm Yah-mah-nee Visitor Center, head south on Lassen National Park Highway/SR-89 for 4 miles.
2. Turn right (west) on SR-36. Continue for 23 miles.
3. Turn right (north) onto Lanes Valley Road. A large road sign on the north side of the highway marks the turnoff approximately one mile before the town of Paynes Creek. Continue for 7 miles.
4. Turn right onto Manton Road/Co Rd A6. Continue for 7 miles.
5. In Manton, turn left onto Wilson Hill Road. Continue for 1.5 miles.
6. Turn left to stay on Wilson Hill Road. Continue for 6 miles.
7. Turn right (east) onto SR-44. Continue for 17 miles.
8. Turn right (south) into the park. Continue 1 mile to the Manzanita Lake entrance.

Travel to the Butte Lake Area

The road to Butte Lake is gravel and passable by most vehicles. From Manzanita Lake, follow SR-89 east 13.5 miles to the SR-44/89 junction in Old Station. Turn right to follow SR-44.

1. From SR-44, turn south onto Butte Lake Road (FR-32N21). Look for signs indicating Butte Lake Campground.
2. Continue 6 miles to the Butte Lake Campground and day use area.

Travel Around the East Side of the Park

This route is slightly longer than the west route, however it has fewer curves and is appropriate for RVs and trailers. **Average travel time is two hours.**

1. From the Kohm Yah-mah-nee Visitor Center, head south on Lassen National Park Highway/SR-89 for 6 miles.
2. Turn left (east) on SR-36. Continue 38 miles to CR A21/Mooney Road located in the town of Westwood. Continue for 18 miles. Turn left (west) onto SR-44. Continue for 28 miles.
3. Turn left (west) onto SR-44/89. Continue for 13.5 miles.
4. Turn left (south) into the park. Continue 1 mile to the Manzanita Lake entrance.

Travel to the Warner Valley/Juniper Lake

The roads to the Warner Valley and Juniper Lake areas are partly gravel and are not recommended for trailers.

1. From CA-36 in Chester, turn onto Feather River Road (on the northeast side of the Feather River).

To Warner Valley

2. Continue a half mile and veer left onto CR-312.
3. Continue 4 miles and veer right to stay on CR-312. Follow signs to Drakesbad.
4. Continue 12.5 miles to Warner Valley campground and day use area.

To Juniper Lake

2. Continue a half mile and veer right onto CR-318.
3. Continue 13 miles to Juniper Lake campground.
4. Continue an additional half mile to the day use area.

Annual Pass Photo Contest

Thank you to everyone who submitted photos for past Lassen Annual Park Pass Photo Contests and congratulations to the 2015 contest winner, Scott Arnaz. His magnificent photograph, entitled "Arrowleaf and Pilot Pinnacle," is featured on the 2015 Lassen Annual Pass. The winning photograph was selected from over 75 entries. For 2016, please join us in celebrating the 100th year anniversary of Lassen Volcanic National Park and the National Park Service. To celebrate the centennial we will use a historic image for the 2016 Lassen Annual Pass. The photo contest will resume for the 2017 park annual pass for which photos can be submitted beginning May 2016. Call (530) 595-6120 for more information.



2015 Lassen Annual Park Pass Photo Contest winning photo by Scott Arnaz



National Park Service
U.S. Department of the Interior
Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063-0100