



# Kohm Yah-mah-nee Visitor Facility Underway

Over the years, all who love Lassen Volcanic National Park have wanted to see a permanent visitor facility built, and finally the time has come. Construction of the Kohm Yahmah-nee Visitor Facility has begun.



Kohm Yah-mah-nee is the Mountain Maidu name for Lassen Peak (meaning "Snowy Mountain"). The new visitor facility, located at the southwest entrance, will replace the Lassen Chalet and provide year-round services including visitor orientation and education, concession food services, gift shop, association bookstore, ranger station, and snow removal equipment storage. The facility is scheduled to be open to the public in the spring of 2007.

The Kohm Yah-mah-nee Visitor Facility will feature:

- Interpretive and educational exhibits
- Auditorium showing park films
- Information desk with wilderness permits, maps, and educational information
- Book, map, and educational products for sale
- Concession operated gift shop and restaurant
- Public restrooms and drinking fountains
- First aid services

During the summer and fall of 2005 and 2006 construction will be in full swing. The new visitor facility, ranger station, and equipment storage area will better meet the needs of visitors, visitor safety, and resource protection. Funding is from a Line Item Construction Fund approved by Congress and the project will cost 10.4 million dollars. An additional \$500,000 will be raised by the Lassen Park Foundation. Their generous donation will fund a portion of the exhibit planning, production of a new park film, and exhibits that will be incorporated into the building landscape. A parallel project will be the construction of a new southwest entrance station, accomplished by using Fee Demonstration dollars. the Mill Creek Falls trailhead. All other trails and park campgrounds will be open as scheduled, weather permitting.

You may encounter traffic delays and disruptions in services at the park's southwest entrance. To minimize the inconvenience, consider accessing the park road earlier in the morning or from the Manzanita Lake entrance, from Highway 44.

The interim southwest concession operations "Peak Necessities," will be located in the Lassen Peak parking lot during the summers of 2005 and 2006. These concession operations will provide limited food and gift items and will be open to the public June 18 through September 30. The Loomis Museum and Manzanita Lake Camper Service Store located near the Manzanita Lake entrance will be open during the summer and early fall. Summer is normally a wonderfully busy time for Lassen Volcanic National Park and this summer will prove to be even more exciting. As you read in the feature article of this issue of Peak Experiences we are beginning the construction of the new Kohm Yah-mah-nee Visitor Facility after many years of planning! This longawaited project will for the first time provide visitors with a year-round facility to gather information and learn about the park through exhibits and a new film, purchase books, maps, gifts, or stop in at the dining area for a quick meal. This new facility will eventually enhance your visit to the park whether you visit summer, spring, fall, **or** winter.

The User Fee Program is an important support to the park which allows 80% of the entrance and camping fees collected to be used for visitor facility improvements and resource protection. The new Southwest Entrance Station will be constructed at the same time as the new visitor services facility. You will also find new wayside exhibits throughout the park that user fees made possible.

During the next two years of construction the southwest entrance of the park will have closures to specific areas and delays in that section of the Park Road. We apologize for any inconvenience you may encounter during this period of construction and hope you will find the project worth the added challenges visitors and park staff may experience during this timeframe.

We hope your visit is enjoyable and you plan to return again and again. Please remember your role to protect and preserve this special place for everyone.

For overall visitor safety and work efficiency, the entire construction area will be closed to all visitors. This includes the Southwest Campground and



This summer's park newspaper was made possible by a donation from the Lassen Loomis Museum Association. www.lassenloomis.info Although the project and its construction will cause some temporary inconveniences, it will result in vast benefits for our visitors. We hope you will return to Lassen Volcanic National Park to enjoy these new facilities. Updated information about the construction and interim park operations is available on our website at www.nps.gov/lavo/ sw\_facility\_overview.htm. Marilyn H. Parris 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

EXPERIENCE YOUR AMERICA



National Park Service U.S. Department of the Interior

# Visitor Services & Information



Established first 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 had minor activity until 1921. All four types of volcanoes in the world plus active geothermal areas are found in Lassen Volcanic's 106,000 acres. Lassen Peak may be the largest plug dome volcano in the world. It is considered to be active today.

#### **CONTACT INFORMATION**

EMERGENCIES Dial 911

#### **INFORMATION**

Park Headquarters (year-round) (530) 595-4444 Text Telephone for the Deaf (TTY) (530) 595-3480

# Loomis Museum

(Summer only) (530) 595-4444 ext. 5180

#### FAX NUMBER (530) 595-3262

PARK WEBSITE www.nps.gov/lavo/

#### MAILING ADDRESS

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

### RESERVATIONS

for Juniper Lake Group Sites & All Corrals

Lassen Volcanic NP Fee Office (530) 335-7029 for Manzanita Lake, Summit Lake, Butte Lake Campgrounds and Butte Lake & Lost Creek Group Sites www.ReserveUSA.com (877) 444-6777

The National Park Service cares for the special places saved by the American people so that all may experience our heritage.



# **Entrance** Fees

PASS TYPE	PRICE	NOTES
Vehicle	\$10	Valid for 7 days
Individual	\$5	On foot, bicycle, motorcycle, or horse Valid for 7 days
Lassen Volcanic Annual Pass	\$25	Covers entrance fee at Lassen Volcanic & day use fee at Whiskeytown NRA Valid for one year from month of purchase
National Parks Pass 365 days - more than 380 ways to experience your America!	\$50	Covers all national parks with entrance fees (Not valid for camping, tours, or concession charges) Valid for one year from month of purchase
Golden Eagle Pass	\$65	Covers fees at all Federal Fee Areas Available as a National Parks Pass with \$15 upgrade hologram sticker Valid for one year from month of purchase
Golden Age Pass	\$10	For U. S. citizens & permanent residents who are 62 years or older; proof of age required (driver's licence, etc.) Lifetime pass
Golden Access Pass	Free	For permanently disabled U. S. citizens & permanent residents; proof of disability required (VA letter, etc.) Lifetime pass
Commercial fees are based on se	eating capa	rson over 16 years old (minimum fee of \$10). city.

For more information, contact the Fee Office at (530) 595-4444 extension 5184

# Park Partners

Lassen Volcanic National Park is fortunate to have two organizations which support the park by raising funds for programs and projects that enhance visitor services, protect critical resources, and add to our knowledge of the Park's history and natural processes.

Lassen Park Foundation, a nonprofit foundation, was founded in 1984 for the purpose of providing support for projects in Lassen Volcanic National Park and Lassen National Forest.



Authorized by the National Park Service and working in cooperation with the U.S. Forest Service, the Foundation is able to assist with needs such as enhanced interpretive and educational activities, trail restoration, wildlife research, and cultural resource projects. Currently the Lassen Park Foundation is raising funds to support the exhibit portion of Lassen Volcanic National Park's new Southwest Visitor Services Facility.

Enclosed is my donation in the amount of \$ \_ Please send me more information about the Foundation

Name Address

> Mail to Lassen Park Foundation, P.O. Box 3155, Chico, CA 95927-3155, or telephone (530) 898-9309. Donations are tax deductible; please make checks payable to the Lassen Park Foundation

You can visit us at www.lassenparkfoundation.org and send e-mail to jane@lassenparkfoundation.org.



The Lassen Loomis Museum Association is dedicated to making your visit a memorable learning LASSEN ~ LOOMIS adventure. The Association publishes and sells books and other items on the flora, fauna, and history of the

Park. Profits are used to supply books, posters, maps, and videos to the Park's libraries and visitor centers and to support the Park's mission, museum exhibits, and other special

# **Information Stations**

### Park Headquarters in Mineral

- Hours of Operation Monday-Friday 8 a.m. to 4:30 p.m. (closed holidays) Open daily 6/25 - 9/05
- Publications, wilderness permits, horse permits, Jr. Ranger Journals

### Loomis Museum at Manzanita Lake

- Hours of Operation Friday-Sunday 9 a.m. to 5 p.m. May 27-June 15
- Daily 9 a.m. to 5 p.m.
- June 16-Sep. 30
- Exhibits, orientation videos, publications, wilderness permits, horse permits, Jr. Ranger Journals, rangerled programs

#### Lassen Crossroads Information,

at junction of Hwy. 44 & Park Road

Hours of Operation Daily 8 a.m. to sunset

- April 23 October 31
- Informational exhibits about the Park and Lassen National Forest (Unstaffed)

# Food & Supplies

**Peak Necessities Hours** 

Daily 9 a.m. to 6 p.m. June 18 - Sep. 4 Daily 9 a.m. to 4 p.m. Sep. 5 - Sep. 30

#### Manzanita Lake Camper Store Hours

Daily 9 a.m. to 5 p.m. May 26-June 17 & Sep. 5-Oct. 10 Daily 8 a.m. to 8 p.m. June 18 - Sep. 4

# 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

information desk, restroom

#### **Bumpass Hell Parking Area**

- Vault toilet (with assistance)
- Lassen Peak Parking Area
- Vault toilet (with assistance)

**Kings Creek Picnic Area** • Vault toilet

#### **Devastated Area Trail**



- Park Headquarters -

Day in the Park **Family Fun Festival** August 6, 2005

This summer's Day in the Park event highlights the park and its partners.

There will be fun, food, special programs, exhibits, and more!

Come enjoy the festivities. Entrance to the Park for August 6 is free.

projects. Peak Experiences is published through donations

I want to invest in the Lassen Loomis Museum Association. I've checked my annual membership option below and will send my check to: Lassen Loomis Museum Association, P.O. Box 220, Mineral, CA 96063.

Membership	Benefits	Investment
🗌 Manzanita Lake	10% Discount on All Merchandise	\$20
Chaos Crags	Plus a seven day Park Pass	\$50
Diamond Peak	Plus "Flowers of Lassen" Book	\$100
Emerald Lake	Plus a season Park Pass	\$250
Brokeoff Mountain	Plus " Ishi, the Last Yahi" Video	\$500
Lassen Peak	Plus a National Parks Pass	\$1,000
Name	Phone	
Address		
City	State	Zip Code
A portion of your donatic	n may be tax deductible. Please make ch	necks payable to the

Lassen Loomis Museum Association. For more information about memberships and publications, please call (530) 595-3399, or visit our website www.LassenLoomis.info. • Interpretive trail, vault toilet

#### Sulphur Works

• Interpretive boardwalk, vault toilets

Disabled visitors wishing to take a wheelchair or other conveyance on trails should check in at Park Headquarters or the Loomis Ranger Station.



# You Need To Know...

# For A Safe Visit

#### **BE ALERT WHEN DRIVING IN THE PARK**

- Drive defensively; other drivers often make unexpected maneuvers and stops
- Use established pullouts when available
- Observe speed limits; the Park Road is 35 m.p.h. unless posted otherwise
- Remain on established roadways
- No off-road travel is permitted

#### BE AWARE OF AND PREPARED FOR CHANGING WEATHER CONDITIONS

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

### **OBSERVE WILDLIFE AT A DISTANCE**

- Feeding, harassing, and hunting wildlife is prohibited
- Wildlife can be dangerous
- Rodents can transmit the plague to you and your pets
- Secure all food and garbage properly at all times

#### STAY ON ESTABLISHED TRAILS & BOARDWALKS

...especially in thermal areas, where ground may be dangerously thin. Bumpass Hell was named after a man who lost a leg after falling into boiling mud!

- Do not cut switchbacks or throw rocks
- Wear sturdy boots

Wear sunscreen

• Transporting weapons through the Park

stations and unloaded, cased, broken

down, or otherwise packed to prevent

is allowed if declared at entrance

WEAPONS AND FIREWORKS

prohibited

use

• All weapons and fireworks are

· Carry plenty of water and food

#### PLAN TO FINISH HIKES WELL 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
- Sunrise and set times for Chester:

DATE:	<b>JUNE</b> Rise/Set	<b>JULY</b> Rise/Set	<b>AUG</b> Rise/Set	<b>SEP</b> Rise/Set	<b>OCT</b> Rise/Set
1st	5:37/20:29	5:39/20:39	6:03/20:19	6:33/19:36	7:02/18:46
10th	5:35/20:34	5:44/20:36	6:12/20:098	6:41/19:21	7:11/18:32
20th	5:35/20:38	5:52/20:30	6:21/19:54	6:51/19:04	7:22/18:17

CPP CONTACT PARK HEADQUARTERS OR LOOMIS MUSEUM FOR THE LATEST TRAIL CONDITION REPORTS

# **Park Regulations**

#### PETS

- Pets must be leashed or physically restrained at all times
- Pets are not permitted on trails, including the Lassen Volcanic section of the Pacific Crest Trail, in the backcountry, or in any

body of water (service dogs assisting disabled visitors are allowed on trails)

- Pets are permitted on established roadways, in campgrounds and picnic areas, and in other developed areas
- Pets may not be left unattended
- Please clean up after your pet and take responsibility for its behavior
- Ask about trails outside the Park where you can hike with your dog

#### COLLECTING

• No collecting or removal of any objects from the Park such as rocks, wildflowers, pine cones, or cultural artifacts is allowed; please leave all objects for other people to enjoy

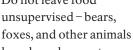
#### HITCHHIKING

• Hitchhiking is not permitted; please plan ahead for travel between trailheads and other park locations



- HIKING • Stay on marked trails and do not take shortcuts, especially in the Lassen Peak area; hiking off-trail quickly erodes volcanic soils and damages rare and
- fragile alpine plants • No one wants to hike through someone's lavatory .... Please use restrooms at contact stations or parking lots - there are no toilets on park trails. If "nature calls" before the end of your hike, bury waste. Pack out toilet paper in a plastic bag.

### PICNIC AREAS • Do not leave food



- Store food properly (see page 4)
- Campfires are not allowed in picnic areas; however, you are welcome to use campstoves or hibachis - dispose of coals properly in appropriate containers.

# **Ranger-Led Programs**



Regularly scheduled interpretation programs are offered at the Loomis Museum and Manzanita Lake Amphitheater.

### FISHING

- Park fishing regulations conform to California State regulations
- A California State fishing license is required for those over age 16
- Manzanita Creek and the part of Manzanita Lake within 150 feet of the inlet are closed to fishing
- Lake: Catch and release only; artificial lures and single, barbless hooks can be used

- Motorized boats are prohibited on all park waters
- Coast Guard approved personal flotation devices must be on board for all occupants and worn by children under age 12
- Lake Helen and Emerald, Reflection, Hat and Boiling Springs Lakes are closed to boating
- Boats may not be left on lake shores overnight
- At Manzanita Lake, boats may only be put in and taken out at the designated launch site

# **Jser**Fee

We put fee dollars to work for you! 80% of your entrance and campground fees fund vital projects right here at Lassen Volcanic National Park. Projects funded with User Fee dollars provide enhanced visitor services, protect your health and safety while you are here, and protect natural and cultural resources for you and future visitors.

# **User Fee Projects in Progress**

- Disturbed natural areas are being rehabilitated to preserve native plants and animals.
- New wayside exhibit panels will be installed throughout the Park this summer!

# **CYCLING & SKATING**

- Bicycles are permitted on park roads and in campgrounds but prohibited elsewhere; cyclists must obey all posted speed limits and traffic laws
- Helmets must be worn by all cyclists under age 18
- There are no mountain biking trails in Lassen Volcanic; ask at contact stations for trails outside the Park



- The use of any wheeled conveyance is limited to paved areas; no off-road travel is allowed
- · Rollerskating, skateboarding, and inline skating are not permitted in the Park CAMPFIRES
- NO FIRES are allowed in the backcountry or along trails; fire can escape and cause deadly wildfires!



• Campfires are allowed ONLY in fire rings provided at campgrounds

For a complete listing of park rules and regulations, please ask at contact stations



- unsupervised-bears,
- have been known to

# snatch food off picnic tables

# Special regulations for Manzanita

### BOATING



Special evening talks are held at Warner Valley. Check park bulletin boards or ask at the Loomis Museum or Park Headquarters for schedules.

Programs offered this

summer include: Bear Necessities, Fault Talk, Early Birds, Junior Ranger, Manzanita Lake Evening Program, Skins and Bones, Drakesbad CampfireTalks.

Ask at contact stations about special programs and educational activities for curious visitors of all ages!

The Park offers Junior Ranger, Volcano Club, Chipmunk Club, and Jr. Park Scientist activities.

> See Bulletin Boards throughout the Park for Schedules, or ask at Contact Stations.

- Design has been approved for a new Southwest Entrance Station and construction will commence this summer.
- Our park website is being enhanced for your virtual visits! Read about User Fee projects at www.nps.gov/lavo.



# **Completed User Fee Projects**

- The plaza and parking lot at the Loomis Museum provides enhanced features to visitor facilities, including a wheelchair-accessible ramp into the museum.
- A water treatment plant was built and provides potable water for campers at Butte Lake Campground.
- New and improved trail and campground signs were constructed and installed throughout the Park.
- Permanent museum exhibits in Loomis Museum display Native American baskets, historical objects, and geologic specimens.
- Bear-proof food storage lockers and trash receptacles were installed in all the campgrounds to ensure the health and safety of park visitors and bears and other wildlife.





"Welcome to Summit Lake!" Have a question about camping? Ask one of Lassen Volcanic's volunteer Campground Hosts.

# Bears and Your Food

Would you like to wake up early in the morning with a bear in your tent or trailer? Leave or store food and toiletries where they do not belong and you may have a wildlife encounter that you did not count on.

When animals get into food, your safety and property are jeopardized. Animals (such as rodents and foxes) can transmit diseases to humans and pets. The life of the animal may also be at risk due to malnutrition - most animals cannot properly digest human food. They may even forget how to obtain food naturally. Bears become aggressive and may harm people or ruin property that gets in the way of their search for people food. These bears may have to be killed as a last resort if they become dangerous.



It is your responsibility to store food, toiletries, and other scented items properly while in Lassen Volcanic National Park. Bear-proof lockers must be used day and night in all campgrounds. Store all food, coolers, and anything else with an odor in the lockers. Even toothpaste, lotions, and chapstick smells good to a bear! Where lockers are not provided, store items in the car trunk, sealed in plastic bags or containers to reduce odors. If the car has no trunk, put everything on the floor and cover it well. Make sure that all car windows and doors are tightly closed.

Keep a clean campsite and deposit garbage in garbage cans immediately. Improper storage of sensitive items, food or garbage may result in a citation or confiscation of the items.

Don't let bears approach you or your food. Wave your arms and make noise. If that fails to make them leave, throw small rocks in their direction (avoid hitting their face or head). Keep a safe distance but be persistent.

## Summer Weather

# Camping

- Open and Close dates below are weather dependent. Campgrounds may open later or close earlier due to snow and freezing conditions
- Each campsite has a table, bear-proof locker, and fire ring
- Golden Age and Golden Access cardholders receive a 50% discount on camping, except for Group Sites

### **Campsite Limit**

- Limit of 6 people per family site
- Camping is limited to 14 days per year, with Summit Lake limited to 7 days per year

### Vehicles

- Two vehicles allowed per family site
- Park only on designated parking pad

### **Quiet Hours**

• Observed from 10 p.m. to 6 a.m.

### Food Storage

• All food including ice chests must be stored throughout the day and night in bear-proof lockers provided at sites

## **RVs & Trailers**

- Hookups are not available
- Some campgrounds have a limited number of sites available to accommodate trailers to 35'
- Dump Station near Manzanita Lake (\$5 fee)

- Check-out time for campsites is noon; check-in for reservation sites is 1:00PM
- Reservations are available for some sites (listed below) through ReserveUSA, www.ReserveUSA.com or (877) 444-6777. Juniper Lake group sites must be reserved through the Park's Fee Office at (530) 335-7029. All other sites are first come, first served.

## **Group Camping**

- Groups of 10 or more people can camp in Butte Lake, Lost Creek, or Juniper Lake Group Campgrounds
- Reservations are required for group campgrounds and should be made well in advance

### Fires

- Open fires are prohibited except in metal fire rings provided
- Gather only dead and down wood; do not cut tree limbs
- Use of chainsaws is prohibited

### **More Information**

• See Park bulletin boards for more information and updates

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C am pgrounds in Lassen Volcanic National Park	# of Sites	Daily Fee	O pen & C lose D ates	Toilets	Services
Southwest W a k-In - *This Campground will remain open until SW Visitors Facility construction begins.RV PARK NG AT PARK NG LOT (\$10).	20	\$14	*	F lush	
Sum m it Lake North - 6695' Located 12 m i. south of M anzanita Lake, 17.5 m i. north of Southw est Entrance. A ccom modates trailers to 35'. R eservations for Loop B available through R eserveUSA.All other sites are first com e first served.	46	\$16	7/1 to 9/6/05	F lush	
Sum m it Lake South - 6695' Located 12 m i. south of M anzanita Lake, 17.5 m i. north of Southw est Entrance. R eservations available tfor Loop C and D through R eserveUSA.All other sites are first com e first served.	48	\$14	7/1 to 9/19/05	Vault	
M anzanita Lake - 5890' Located adjacent to and south of M anzanita Lake. A ccom m odates trailers to 35'. Reservations available for Loop A through ReserveUSA 6/30/05 - 9/06/05. All other sites are first com e, first served. A fter 9/19 no w ater is available )\$10 - dry cam ping).	179	\$16	5/20 until snow closure **	F lush & Vault	Image: Constraint of the second s
C rags - 5700' Located 4 m i. south of M anzanita Lake. A ccommodates trailers to 35'. First com e, first served only.	45	\$12	5 /27 to 9 /6 /05	Vault	
Lost C reek G roup Sites - 5700' Located 4.5 m i. south of M anzanita Lake. Reservations through ReserveUSA are required.	8	\$50	7/1 to 9/19/05	Vault	
Butte Lake - 6100' Located 6 m i. south on dirt road via H w y. 44 east, 17 m i. from O ld Station. A ccommodates trailers to 35'. Reservations available for Loop B through ReserveUSA. A ll other sites are first come, first served.	101	\$14	6/3 to 9/19/05	F lush & Vault	Boat Launch
Butte Lake G roup Sites - 6100' Located 6 m i. south on dirt road via H w y. 44 east, 17 m i. from O ld Station.RVs maxim um 35'.Each site accommodates 10- 25 people.Parking for 6 cars or 1 bus per site.Reservations through ReserveUSA are required	6	\$50	6 /3 to 9 /19 /05	F lush & Vault	Boat Launch
Juniper Lake - 6792' Located on east shore of Juniper Lake via rough dirt road leading 13 m i. north of Chester. Not recommended for trailers. First come, first served only. Now ater.	18	\$10	7/1 to 9/26/05	Vault	<b>1</b>
Juniper Lake G roup Sites - 6792' Located on east shore of Juniper Lake via rough dirt road leading 13 m i. north of C hester. Tents only. R eservations through the Park & Fee O ffice required. C all (530) 335-7029. No w ater.	2	\$30	7/1 to 9/26/05	Vault	<u></u>

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. Be prepared for your visit by bringing layered clothing, a raincoat, and sunscreen.

MONTH	AVERAGE HIGH/LOW TEMPERATURES
June	79/34
July	84/40
August	85/40
September	78/36
October	69/30
Data is for Manzanita	a Lake, at 5,890' elevation.
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# Into the Wilderness

# **Required Permits**

- A free wilderness permit is required for overnight camping in Lassen Volcanic's wilderness
- Limited to a maximum of 10 people per permit and per site; up to 20 people may hike together
- Camping limited to 14 days per year

#### Questions about permits?

• Ask at Entrance Stations or Information Stations

Permits are available in person during operating hours at:

- Loomis Museum
- Park Headquarters

Outside of operating hours you may self-register at the Park Headquarters, Southwest Entrance Station and Trailheads at Juniper Lake, Butte Lake and Warner Valley.

• Follow instructions on the Backcountry Camping bulletin board. PERMITS ARE VALID ONLY IF COMPLETE.

# **Fires Are Prohibited**

• Use only portable campstoves in the backcountry



# Food and Clothing

- Bring extra food, clothing, and water in case of emergencies or sudden weather changes
- Hang food and garbage out of animals' reach for your safety and their health (Lassen Volcanic has black bears)

# Stock

- Permits are required for day use
- 10 campers per site
- No overnight stays in the backcountry
- Corrals are available by reservation only at (530) 335-7029
  Owners must bring their own feed. NO GRAZING.

Butte Lake Hitching Posts and Campsite 6/03/05 - 9/19/05

Juniper Lake Corral & Campsite 7/01/05 - 9/26/05 Accommodates 8 animals. Parking for 3 trailers. Scoop manure and place in container provided. One corral that can be divided into two, if needed, accommodating as many as 8 animals. Cost is \$4 per animal and \$10 per night. Water is available for stock only. Parking for

One site. Cost is \$4 per animal and \$14 per night.

Summit Lake Corral & Campsite 7/01/05 - 9/06/05 accommodating as many as 8 animals. Cost is \$4 per animal and \$10 per night. Water is available for stock only. Parking for 2 trailers. One corral that can be divided into two, if needed,

accommodating as many as 8 animals. Cost is \$4 per animal and \$14 per night. Parking is available for 2 trailers. Scoop manure and place in container at site. Water is available for stock only.

## Visiting During Construction of Kohm Yah-mah-nee Facility and Southwest Entrance Station

Construction is scheduled to begin in Summer, 2005 and extend through October, 2006. The project will involve demolition of the old Lassen Chalet and construction of a new Visitor Services Facility, Entrance Station, Ranger Operations Building, and Equipment Storage. For overall visitor safety and construction efficiency we will close the entire construction area to all visitors and limit park operations within this construction zone.

If you visit during this time, you may encounter traffic delays on Highway 89 in the Southwest Area of the Park. To minimize the inconvenience, consider traveling earlier in the morning or entering the Park from the Manzanita Lake Entrance, off of Highway 44. Or, take this opportunity to explore a less-traveled part of the Park: Butte Lake, Warner Valley, and Juniper Lake on the east side of the Park.

## Wildland Ethics

" A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends otherwise." – Aldo Leopold, <u>A Sand</u> <u>County Almanac</u>

Forester and philosopher Aldo Leopold expressed this sentiment in the 1930's. Today, increasing numbers of backcountry visitors are coming to the same realization as they witness their favorite wilderness haunts being loved to death by recreationists seeking adventure and solitude.

Simple living, adventure and solitude can still be part of our backcountry travels, but in order to assure their continued existence we must take the responsibility to educate ourselves and to become equipped with skills and habits that enable us to Leave No Trace.

### Principles of Leave No Trace include:

- Plan ahead and prepare
- Camp and travel on durable surfaces
- Pack it in, pack it out
- Properly dispose of what you can't pack out
- Leave what you find
- Use a campstove (no fires)
- Respect wildlife
- Be considerate of other visitors

These principles are recommended as a guide to minimizing the impact of your backcountry visits. Leaving no trace depends on attitude and awareness more than on rules and regulations. Minimize your impact on the land and on other visitors. Preserve and protect your wildlands for this and future generations.

You can find more information on the Web at <u>www.LNT.org</u> or telephone 1-800-332-4100.

# Water

- Purify park surface waters before drinking to avoid giardia and cryptosporidium. Multiple barrier technology is recommended:
  - Use a 2 micron or better filter - Use iodine tablets
  - Boil water for a minimum of 5 minutes
- Do not wash clothing or utensils or use any cleaning agents in park waters
- Dig latrine and bury human waste and toilet paper 6" deep, at least 100' from lakes, streams, and springs

# Campsites

- Camp at least 300' from other groups
- Do not camp in meadows, or on fragile vegetation
- Camp at least 100' from high watermark of lakes, springs, and streams
- Do not construct "improvements" such as windbreaks, log bridges, etc.
- Camp at least 1/2 mile from developed areas, campgrounds, and roads
- Pack out toilet paper
- Ask about areas closed to camping

Lassen's backcountry contains 150 miles of hiking trails, including 17 miles of the Pacific Crest Trail. Trails vary in length and difficulty, winding through coniferous forest, alpine tundra, and along waterways.

Please Leave No Trace behind!

Lazuli bunting, banded at Lassen Volcanic National Park

# Wilderness Laboratory

National parks and wilderness areas are key places to conduct scientific studies because of their relatively pristine state. National Park Service staff and independent researchers study aspects of Lassen Volcanic to better understand the geology, flora and fauna, natural processes, and human impacts on the Park. Below are some projects in progress this year.

**Spotted Owl Inventory:** The California spotted owl lives in old-growth forests throughout the Cascade and Sierra Nevada Mountain ranges. Large trees provide cavities for nesting, and the forest supports prey species, such as squirrels and voles. The park contains potential habitat for the owl, and park-wide surveys will be conducted for this owl in 2005 and 2006.

Air Quality Monitoring: Lassen contains

Water Quality Analysis: Researchers from the U.S. Geological Survey will analyze water quality at 32 lakes and streams within the Park. Selected chemical and physical properties, such as pH and temperature, will be measured at each site to establish a baseline that can be used to track changes in the Park's water quality over time.

Mist Netting and Bird Banding: There is strong concern over declining songbird populations in the U.S., particularly birds that migrate to the tropics. Since 1997, a cooperative project between the Point Reyes Bird Observatory, Lassen Volcanic and Lassen National Forest has studied songbirds in the Lassen area, which is a critical summer breeding ground for many neotropical migrants. Each captured bird is given a U.S. Fish and Wildlife Service band for identification and key characteristics are recorded before it is released. The information will help biologists monitor the health of bird populations in the region. Nonnative Plant Removal: Nonnative "invaders" can push out native plant species, reduce native food for animals, and even change the properties of the soil where they grow. Park biologists have identified problem species and are working to remove invasive plants. Ask at contact stations for information to help you identify invasive plants. If you see any of the plants, please report the species identified and its location. You can also join park staff and volunteers on weed projects.



The Southwest Entrance Station will operate from May 15 - October 30, 2005. No fees will be collected at the SW Entrance during the winter season of 2005-2006. We anticipate construction of the new entrance station will be completed by Memorial Day, 2006. Interpretive Rangers will be available from 8am to 6pm daily at Brokeoff Trail Parking Lot to assist Entrance Station staff with traffic control and visitor information. Three new informational bulletin boards will be placed at Sulphur Works, Bumpass Hell, and Lassen Peak parking lots. An extensive media plan has been established for informing community members and visitors of all updates throughout the construction period.

Trailheads along the Park Road, including Lassen Peak and Bumpass Hell, will remain open. The Mill Creek Trailhead will be inaccessible during construction. The Southwest Walk-in Campground will remain open until construction of the new Visitor Services Facility begins and will remain closed until construction is completed. However, other **park campgrounds** will be open. If you are looking for a less-used campground, Butte Lake Campground provides campers with plenty of solitude, lakes for swimming and non- motorized boating, and some of the best hiking in the Park. Private and **USFS campgrounds** are available less than 10 miles away from the Southwest Entrance in the towns of Mineral and Mill Creek. over 78,000 acres of wilderness. Thus, it is managed as a "Class I air shed," meaning it receives the greatest possible protection. The Park operates an air quality station in the Manzanita Lake area that is part of a nationwide monitoring system. The station checks ambient ozone levels, particulates (soot, dust, etc.), and acid deposition.

Wetlands Assessment: Wetlands are the link between land and water, where the flow of water, the cycling of nutrients and the energy of the sun meet to produce highly productive ecosystems. This year, park staff and scientists from Oregon State University, will survey the park for the presence of wetlands and evaluate the health of these important areas.



# **Nearby Businesses**

Lodging, meals, gifts, and services are available near Lassen Volcanic National Park. Inquiries or reservations should be directed towards the individual business. These businesses' donations helped pay for this issue of Peak Experiences.

# Inside Lassen Volcanic National Park



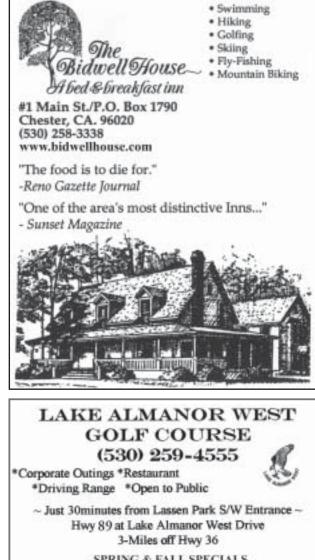
Turn right form Lassen Volcanic National Park's Southwest Entrance on Hwy. 36 & go 4.3 miles to Mineral. U.S. Post Office and National Park Headquarters are located in the town of Mineral. P.O. Box 160 Highway 36 East Mineral, CA 96063

# Southeast of Park, Hwy 36: Mineral (cont'd)





# Southeast of Park, Hwy 36: Chester & Lake Almanor (cont'd)\_





SIERRA NEVADA CABIN GETAWAY

Mineral, CA - Just 9 miles from the southwest entrance to Lassen Volcanic National Park

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(24 hours a day! 7 days a week)

· laundry facilities indoors petrate backyard with gas \$312

2005 RENTAL RATES 95.00/nt. Sun.-Thur

5 110.00/nt. Fri-Sat.

complie pit

# Southeast of Park, Hwy 36: Chester & Lake Almanor







6 Lassen Volcanic National Park Peak Experiences

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(530) 865-7135

# North of Park, Hwy 44: Old Station & Hat Creek

Northwest of Park, Highway 44: Shingletown & Viola (cont'd)

North of Park, Hwy 89: Hat Creek, Burney, Fall River Mills



# Wear Green

PRESERVE – PROTECT – ENJOY – NPS



The Lassen Loomis Museum Association is now offering a GREEN awareness wristband engraved with a portion of the National Park mission, PRESERVE – PROTECT – ENJOY – NPS.

As a tribute to Lance Armstrong's fight against cancer, the Lance Armstrong Foundation and Nike launched the LiveStrong yellow wristband campaign in 2004. Over 25 million LiveStrong wristbands have been purchased in support of cancer research and finding a cure. It is in the spirit of awareness of the National Park Service (NPS), its themes and mission that we are offering the GREEN wristband.

As you visit your national parks this summer, recycle your trash, turn off that extra light, or camp, hike, and boat sustainably. Consider how your thoughtfulness keeps our world alive. When you stare in awe at the Liberty Bell, Statue of Liberty, or George Washington's home, you are reminded of our American legacy, the national parks! Show your support, wear GREEN!

Help support an American treasure - our national parks! Your purchase is a contribution to the preservation and protection of Lassen Volcanic National Park. By wearing green you also share with the world an awareness of the National Park Service (NPS), its themes and mission.

Our wristbands are GREEN and engraved with a portion of the national park mission, PRESERVE - PROTECT - ENJOY - NPS, as this represents so many things the national parks stand for:

- \*GREEN represents new growth, spring, new life
- \*A GREEN, or common, is a town park
- \*Recycle and Sustainability are symbolized by GREEN
- \*Park Rangers wear GREEN
- \*GREEN is nature

Join us in Preserving, Protecting, and Enjoying the National Parks.

# Wildland Fire Use

Wildland Fire Use is one strategy that Fire Management at Lassen Volcanic National Park is using to reintroduce fire into forest ecosystems that are adapted for fire, restore healthy forests, remove heavy buildups of hazardous fuels and improve wildfire prevention and suppression.

Wildland Fire Use occurs when a fire



Lassen Peak and the Bluff Fire Photo by M. Lewelling

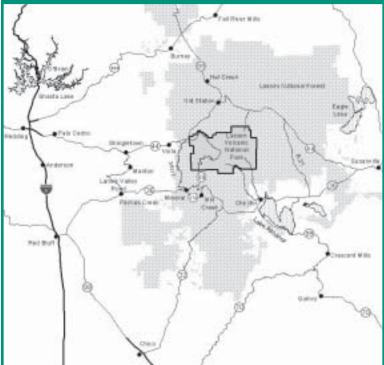
ignited by lightning is managed in a predetermined geographic area, under strict parameters to achieve specific resource management objectives. During Wildland Fire Use projects all of the firefighting tools are available to complete the project successfully. Helicopters, helitorches, air tankers, engines, drip torches, aerial ignition devices, firefighters and managers can all play a role in managing a successful wildland fire use project.

In 2004 The Bluff Wildland Fire Use Fire was actively managed in Lassen Volcanic National Park for over four months and eventually covered an area of 3,413 acres. Although small portions of the burned area experienced high burn severity, fire effects over the entire burn area were excellent. There is a true mosaic of fire intensities providing diverse habitats for healthy plant and animal communities.



# Area Map

### (MAP NOT TO SCALE)



## Be A Volunteer!

You can make a difference in the protection and preservation of Lassen Volcanic National Park.

The Park has a variety of opportunities for individuals and groups to volunteer their time and talents from four-hour projects to long-term positions and internships.

Perhaps you would like to assist with:

- \* Camp hosting
- \* Vegetation & Wildlife Research
- \* Computer Projects
- \* Visitor Contact Stations
- \* Trail & Campground Maintenance
- \* Search & Rescue
- \* Visitor & Education Activities

Your volunteer work could provide you with an enjoyable, rewarding experience and at the same time help care for Lassen Volcanic National Park for this and future generations.

\* Clerical Projects

\* Photography

\* Ski Patrolling

\* Non-Native Plant Removal

\* Cultural Resources Work

\* Recycling

For more information about the park volunteer program, please contact:

Park Volunteer Program Manager, Lassen Volcanic National Park, P.O. Box 100, Mineral, CA 96063-0100 Telephone: 530/595-4444 ext. 5133 E-mail: nancy\_bailey@nps.gov





Fire suppression, prescribed fire and mechanical thinning are also necessary strategies that fire managers employ to preserve and protect park resources.

Cinder Cone and the Bluff Fire Photo by M. Lewelling

may surprise you ... as part of a restoration project, a damaged steel bridge from Warner Valley of which 3,000 pounds was taken to a recycler in Chester and 80.2 tons of concrete were also recycled. *That is a total of 16.2 tons (or 23,240 lbs) of material diverted from local landfills!* We sent approximately 250 tons of brush, cull logs and hazard trees to a local cogeneration plant to be converted to electricity. This also significantly reduced the fuel load at Manzanita Campground.

As you deposit empty containers in our green recycle bins, you are not only keeping more trash out of landfills, but also saving energy. It takes less energy to make new cans and bottles from your recycled materials than from the raw materials extracted from the earth. Besides recycling glass and aluminum, we also recycle plastic containers.

Thanks to a generous grant from the *California Department of Conservation, Division of Recycling,* we are adding more recycle drop-off bins throughout the Park this year.

#### What a great partnership!

With everyone's help Lassen Volcanic National Park's recycling program will continue to grow. Please join the green team and recycle. Help keep your park clean and green for present and future visitors.



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"The work upon which this article is based was funded in whale or in part through a gravet arounded by the California Department of Canservation." http://www.tonarv.co.gov/dor/ Toll-Free: 1-800-RECTCLE

