Lassen Volcanic Winter/Spring Guide

National Park Service
U.S. Department of the Interior





Visitors enjoy the snow play area near the Kohm Yah-mah-nee Visitor Center in the Southwest Area.

Winter 2022 - 2023

Welcome!

Lassen Volcanic National Park receives as much as 30 feet of snow in its winter season. The resulting snowpack often lasts more than half of the year (approximately November to June). Despite the heavy snowfall, sunny skies are common between storms. These windows of "blue bird" days provide excellent opportunities to explore the park by snowshoe or ski or to simply enjoy the sights and sounds of winter.

Vehicle Access

The Manzanita Lake and Southwest Areas of the park are accessible throughout the winter season. Visitors can travel two miles from SR-44 to the Loomis Plaza in the Manzanita Lake Area and five miles north of SR-36 to the Kohm Yahmah-nee Visitor Center in the Southwest Area (See map on page 3).

The park highway is closed to through traffic due to snow approximately November through May. During heavy winters, the highway may close to through traffic as early as late-October and open as late as mid-July. Other park roads to Juniper Lake, Butte Lake, and Warner Valley Areas are also closed in winter.

Two routes around the park connect the Manzanita Lake and Southwest Areas. Travel time is approximately 90 minutes to 2 hours in normal winter driving conditions. Learn more on page 8.

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Need More Help?

Visit nps.gov/lavo
Email lavo_information@nps.gov
Call (530) 595-6100
Write P.O. Box 100, Mineral, CA 96063

Southwest Area

Steep slopes and sweeping vistas abound in the Southwest Area of the park. Beginning at 6,700 feet elevation, this area receives the most snow. The visitor center here is an excellent first stop for new winter explorers. See page 3 for location.

Kohm Yah-mah-nee Visitor Center

The information desk and park store are available when the building is open. See hours on page 2. Light snacks and hot drinks may be available on weekends.

Ranger-led Snowshoe Walks

Join a ranger-led snowshoe walk Saturday or Sunday, January through March. Participants will learn basic snowshoeing techniques and explore winter ecology in Lassen. Learn more on page 5.

Sledding/Snow Play Area

Smaller, gentler slopes are located directly behind the visitor center. Steeper slopes are accessed via a short walk along the snow-covered park highway. Sled with caution; sledding is the number one cause of visitor injury in the winter season.



Sulphur Works Hydrothermal Area

Experience the sights, sounds, and smells of the park's most accessible hydrothermal area. Snowshoe or ski one mile from the visitor center along the snow-covered park highway to reach this steamy spot. Learn more on page 7.

Don't Get Burned

Maintain a safe distance from hydrothermal features. Visitors have been severely burned by hot mud and water.



Backcountry Skiing/Snowboarding

Experienced backcountry users will appreciate the spectacular terrain and uncommon solitude in the Southwest Area. Learn more about avalanche safety on page 7.

Manzanita Lake Area

The Manzanita Lake Area (5,800 elevation) consists of gentle slopes and scenic lakes. It offers the easiest routes for snowshoeing and cross-country skiing in the park.

Loomis Plaza

The plaza includes a heated restroom, pay phone, and informational signage. The far end of the plaza is one of multiple access points for the Manzanita Lake loop.

Manzanita Lake Snowshoe Route



This 1.8-mile loop offers spectacular views of Lassen Peak and Chaos Crags. Pick up the trail anywhere between the entrance station and Loomis Plaza. This trail follows a narrow shoreline and is not recommended for skiing. More on page 6.

Cross-Country Skiing

The snow-covered park highway is the most popular cross-country ski route in the park. The Manzanita Lake Area offers a gentler and more gradual climb than in the Southwest Area. There are no groomed trails in the park, however ski tracks often last between storms along this well-shaded corridor. Learn more on page 6.

Sledding Areas

Small hills on the northern shore of Manzanita Lake and in the Chaos Jumbles Area can be fun with small children or those new to sledding. Steeper terrain can be found at the popular Eskimo Hill snow play area located 1.2 miles east of the park turnoff on SR-44/89 (map on page 3).



Sled with caution; sledding is the number one cause of visitor injury in the winter season.

Share Your Experience@LassenNPS #FindYourPark









Facilities and Services

Availability of Facilities and Services

Services	Southwest Area	Manzanita Lake Area
Information	Kohm Yah-mah-nee Visitor Center open Wed-Sun, 9 am - 5 pm plus some holidays	Information kiosks in Loomis Plaza (unstaffed)
First Aid	In visitor center during regular hours Call 911 after hours - emergency phone in 24-hour vestibule	Call 911 - pay phone in Loomis Plaza
Fuel	Gas is not available in the park in the winter/spring snow season. View nearby gas stations on the map on page 8. Do not rely on the electric vehicle charging station; it is often offline in winter due to power outages.	
Restrooms	Inside the 24-hour vestibule at visitor center entrance	In Loomis Plaza
Supplies & Gifts	Gift Shop and Lassen Association Store inside (See hours below)	Not available
Lodging	No winter lodging in the park October through May View information about accommodations in the area at go.nps.gov/lavo/lodging	
■ Dining	Light snacks and hot drinks may be available weekends, 11 am - 2 pm Vending machine items available Wed-Sun, 9 am - 5 pm	Not available
▲ Campground	Camping in vehicles permitted between islands in parking area Check that status of the oversnow tent area on the park website.	Not available
Backcountry Permits	Backcountry Permits Ask a ranger or check the backpacking webpage go.nps.gov/lavo/backpacking.	

Southwest Area Facilities and Services

Kohm Yah-mah-nee **Visitor Center**

Make Lassen's year-round visitor center your winter visit basecamp. The visitor center may close at any time due to inclement weather.

Winter/Spring Season: November 1 through April 30

Open	Closed
Wednesday through Sunday 9 am to 5 pm	Mondays and Tuesdays Thanksgiving and Christmas
January 16, 2023 (MLK Day) February 20, 2023 (Presidents' Day)	

Lassen Café & Gift

Browse the gift shop for souvenirs including art and crafts from local artists, or enjoy café offerings including self-serve frozen items, snacks, and hot and cold beverages during operating hours.

Open 11 am to 2 pm, weekends only*

*May also be open on selected holiday period weekdays.

Park Store

Open during visitor center hours

Browse books, maps, trail guides, and videos about the park's natural and cultural history at the Park Store. Choose from a wide selection of educational gift merchandise to enhance your park experience and take home as memories. All profits go directly to the park.

Lost & Found

Drop off or retrieve lost and found items found items inside the Kohm Yah mah-nee Visitor Center.



ا ≪ Wi-Fi

Free Wi-Fi is available at the Kohm Yah-mah-nee Visitor Center. You must open a browser and agree to terms of use to connect to NPS Visitor WiFi. Please note that Internet outages occur frequently during the snow season.

■ ▲ Winter Camping

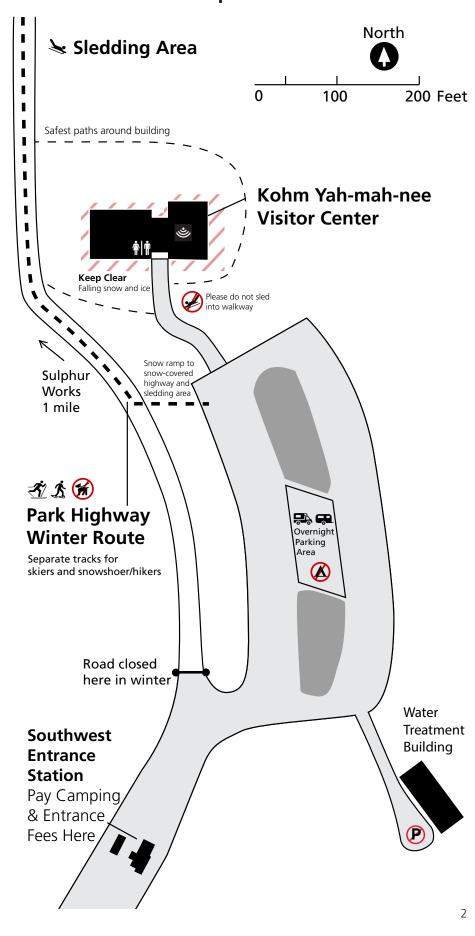
Check that status of the oversnow tent area on the park website. Fires and fire pans are not permitted in the winter. Self-contained barbecues are allowed in the paved parking area. The fee for tent or vehicle camping is \$10 per night.

Tents are permitted only in the oversnow tent camping area, not in the parking area. Overnight vehicles must park between islands to allow for snow plowing operations and pay for each parking stall used. Please self-register at the entrance station.

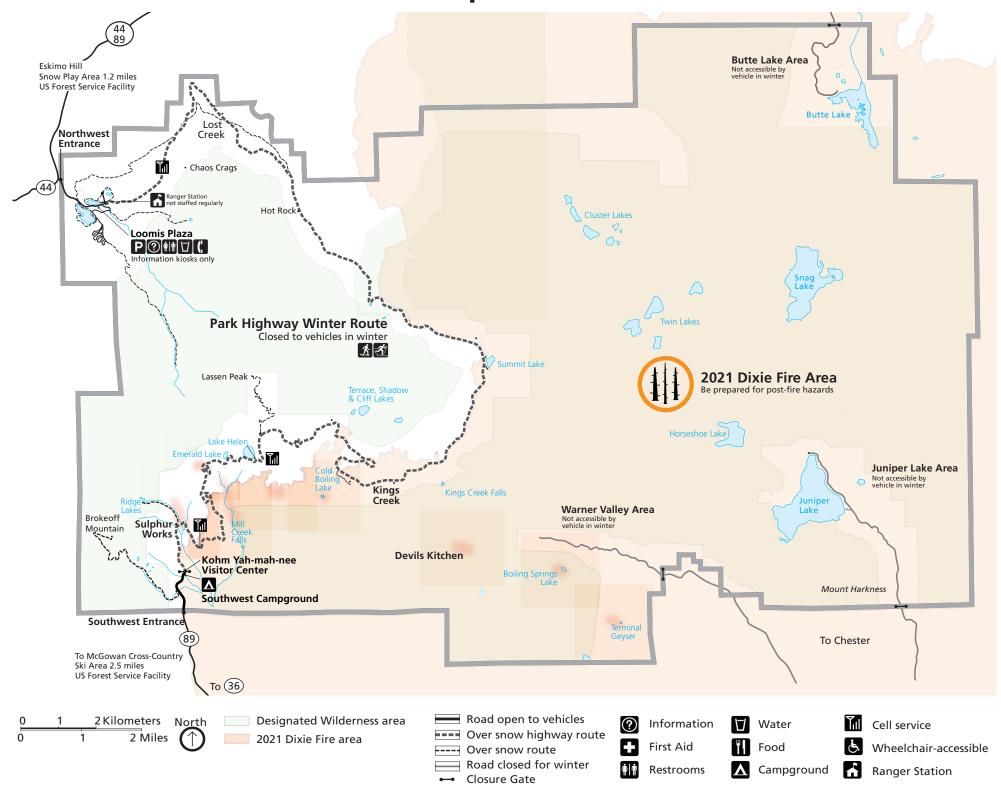
| Ranger-led Snowshoe Walks

Ranger-led snowshoe walks are offered in the Southwest Area only. Learn more on page 5.

Southwest Area Map



Winter Roads and Services Map



Winter Preparedness and Safety

Dress for Success

Even in winter conditions, you can improve your comfort and safety by dressing properly.

Wear clothes in **several layers** including waterproof outwear, warm underlayers, a hat, and gloves.

Avoid cotton clothes of any kind, including jeans, sweatshirts, underwear, or socks. They retain moisture and put you at risk for hypothermia.

Wear polyester or wool whenever possible, these fabrics wick moisture from your skin and help keep you dry.

Wear sunglasses to protect from light reflected by snow; polarized lenses are best.

Know the Risks

Enjoying winter at Lassen involves risk. Be aware of and prepared for winter conditions and their associated risks:

- Deep snow/heavy snowfall
- Sudden changes in weather
- Cold temperatures
- Sun exposure
- Avalanche terrain
- Sport-related injuries (sledding is the number one cause of injury)
- High elevation/altitude effects

Are You Prepared?

You are responsible for your safety.

A few suggestions to help you improve your safety:

- □ Wear waterproof and insulated footwear
- □ Bring water and extra food
- □ Carry extra layers for warmth
- □ Take breaks often
- □ Carry sunscreen
- □ Bring a flashlight or headlamp
- ☐ Finish your outing before dark
- ☐ Tell someone where you are going and when you will return
- □ Check the weather forecast at the visitor center or online at go.nps.gov/lavo/current

Effects of High Elevation

Hiking at high elevation can aggravate preexisting medical conditions. Carry plenty of water, take breaks often, and do not exceed your abilities

If you start to experience any symptoms of altitude sickness (headache, dizziness, shortness of breath, confusion, pain behind the eyes, nausea), descend immediately. Seek medical attention from a ranger or doctor.

Burned Area Safety

Be Alert in Open Burned Areas

Hazards include:

- Falling or fallen trees or limbs
- Hidden stump holes
- Loose or falling rock
- Undefined or unmarked trails
- Higher than normal stream flow
- Unstable shorelines
- Increased danger on windy or rainy days

Stay out of Closed Areas

Closures are in place in some fire-affected areas to reduce the risk to visitors and damage to park resources repair.



Weather

With elevations from 5,650 feet to 10,457 feet, a wide variety of weather conditions occur in the park. Expect a 5° temperature decrease for every 1,000 foot increase in elevation.

Month	Average High/Low	
November	56/21 ℉	
December	50/14 ℉	
January	50/13 ℉	
February	51/13 ℉	
March	53/16 ℉	
April	61/23 ∘F	

Date	Sunrise	Sunset
11/15	6:56 am	4:51 pm
12/15	7:26 am	4:43 pm
1/15	7:31 am	5:06 pm
2/15	7:03 am	5:44 pm
3/15*	7:21 am	7:16 pm
4/15	6:31 am	7:48 pm
5/15	5:52 am	8:19 pm

Data for Manzanita Lake Area (5,850 ft elevation)

General Information

& Accessibility

Facilities in the Kohm Yah-mah-nee Visitor Center and Loomis Plaza are accessible. Audio description and assisted listening devices are available for exhibits and the park film. An Accessibility Guide to Lassen Volcanic is available at the Kohm Yah-mah-nee Visitor Center and online at go.nps.gov/lavo/access.

Service animals are allowed in all facilities and on all trails unless an area has been closed by the superintendent to protect park resources. Service animals must always be leashed or harnessed, under control, and attended at all times.

† Backcountry Permits

Backcountry camping permits are required for overnight use outside of the southwest oversnow tent camping area. Ask a ranger for information or check the backpacking webpage at go.nps.gov/lavo/backpacking.

Cell Service

Cell service (AT&T and Verizon) is very limited in the park and surrounding areas. View spots with limited coverage on the map on page 3.

+ Emergencies

If you have an emergency call 911. If phone service is not available, contact a park employee or go to the Loomis Ranger Station or Kohm Yah-mah-nee Visitor Center (during business hours).

Entrance Fees

Entrance fees are required year-round. Display your fee receipt, Lassen Annual Pass, or Interagency Pass on your vehicle's dashboard.

1-7 Day Vehicle Fee

December 1 to April 15 - \$10 April 16 to November 30 - \$30

Annual Passes

Lassen Annual Pass - \$55

Also valid at Whiskeytown National Recreation Area. Visit www.pay.gov or call (530) 595-6120.

Interagency Passes

The passes listed below cover all national park units and other federal recreation areas with entrance fees. Visit storeusgs.gov/pass or call 888-ASK-USGS ext1.

Pass	Price	
Annual	\$80	
Senior	\$20 Annual / \$80 Lifetime	
Access	Free with documentation of permanent disability	
Military	Military Free with identification CAC Card/DD Form 1173	
4th Grade	n Grade Free at everykidoutdoors.gov	



Fourth graders and their families can get free access to hundreds of parks, lands, and waters for an entire year.

Equipment Rental

Equipment rental is not available in the park. Equipment rental may be available in Mineral, Childs Meadow, Chester, Redding, and Chico.

Firearms

Visitors are responsible for understanding and complying with all applicable State of California, local, and federal firearms 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 email lavo_information@nps.gov.

Dogs in the Park

Dogs and other pets are welcome anywhere a car may go and in designated campsites. Pets must be leashed at all times and are not permitted on trails/routes (including in a carrier) or inside buildings.

Why Are Dogs Limited to Paved Areas?

All dogs leave behind a territorial scent that disrupts the behavior of native animals like the Sierra Nevada red fox.

Dogs are predators that could chase, scare, kill, and transmit diseases to wild animals.

Wild animals can transmit diseases including bubonic plague to pets (and then to humans).

Pets are permitted in most areas of the surrounding Lassen National Forest. Learn more about the McGowan Ski Area near the Southwest Entrance on page 7 or other nearby areas to take your pet at go.nps.gov/lavo/pets.

Prohibited Activities

These activities are dangerous or destructive and carry legal penalties, including fines:

- Bringing pets on trails/routes; including over the snow or in a carrier.
- Camping outside of designated campsites or overnight parking areas.
- Feeding wildlife (includes littering).
- Launching, landing, or operating unmanned aircraft (drones) on park lands and waters.
- Snowmobiling within park boundaries.
- Carrying a firearm into park buildings.
- Traveling or camping too close to hydrothermal areas. Visitors have been severely injured by walking too close to hydrothermal features.

This is only a partial list of regulations. For more information, consult 36 Code of Federal Regulations and the Superintendent's Compendium available at go.nps.gov/lavo/regs.

Spring Snow Clearing



Spring road clearing near the Southwest Entrance and Kohm Yah-mah-nee Visitor Center.

Snow removal from the park highway usually begins in April and continues for about two months before the highway opens to through traffic. Visit go.nps.gov/lavo/snowclearing for spring road information.

It is not possible to predict when the highway will open to through traffic. Plow operators have encountered snowdrifts up to 40-feet-deep. Deep snowfall and steep slopes can hold snow well into the early summer months.

Year	Date plowing began	Date highway opened	Date highway closed
2012	April 21	June 1	November 19
2013	March 21	May 24	December 18
2014	April 2	May 19	December 1
2015	March 30	May 3	November 8
2016	April 18	June 12	October 30
2017	April 4	July 26	November 10
2018	March 30	May 27	November 20
2019	April 22	June 22	November 29
2021	April 5	May 17	October 21
2022	March 16	June 3	

Park Partners

Lassen Association is a non-profit partner that promotes the discovery of Lassen Volcanic, enriches the experience of visitors, and supports the preservation and protection of the park for future generations.

Shop the Store, Support Your Park

Profits from Lassen Association stores directly support park research, conservation, and education programs. Browse a wide selection of books, maps, trail guides, videos, and educational gifts in park stores or online.



Lassen Association (530) 595-3255 lassenassociation@yahoo.com www.lassenassociation.org

Lassen Park Foundation provides philanthropic support to Lassen Volcanic National Park and invites all, especially youth, to experience and preserve the natural and cultural resources of

this special place.

With the generosity and dedication of our supporters, the non-profit Park Foundation has

supporters, the non-profit Park Foundation has provided funding for projects including the winter snowshoe education program, Kohm Yah mah-nee Visitor Center, and Volcano Adventure Camp (youth camping facility).



Lassen Park Foundation (530) 768-1110 info@lassenparkfoundation.org www.lassenparkfoundation.org



The Lassen Resilience silkscreen print by Chico artist Jake Early features Lassen Peak and a mosaic of wildfire effects. Sales of the limited edition print benefit park Dixie Fire recovery and education efforts. Prints are available at park stores or at lassenassociation.org

Lassen Resilience

Lassen Association and Lassen Park Foundation, in partnership with Lassen Volcanic National Park, created the Lassen Resilience campaign to showcase the park's resilience and bolster recovery efforts following the 2021 Dixie Fire. You can learn more about how you can support Dixie Fire recovery efforts within the park through the Lassen Resilience campaign on our partner websites.

Dixie Fire Recovery

The Dixie Fire started on July 13, 2021 approximately 40 miles southeast of Lassen Volcanic. By the time it was fully contained on October 26, the fire reached a total size of 963,309 acres, making it the largest single fire in California history.

The Dixie Fire footprint covers 69% of Lassen Volcanic, however effects within the park are more moderate than in other areas of the fire. Weather, firefighting efforts, and 30 years of fuel reduction helped to slow the fire's progression through the park and resulted in more varied levels of burn severity.

Areas burned by the Dixie Fire can aid the return of natural patterns of wildfire. Park fire management activities support regular cycles of smaller, natural wildfires that contribute to forest health and reduce the risk of catastrophic fire.

Wildfire is one of many powerful forces that shape this park formed by volcanoes, carved by ice, and altered by hydrothermal activity. Lassen Volcanic is itself a story of resilience told through its continuous cycles of regeneration and renewal.

Learn more at go.nps.gov/dixie.

More Winter Activities



Ranger-led Snowshoe Walks

Dates

Saturdays and Sundays January through March

Time/Location

1:30 pm - 3:30 pm

Meet outside the Kohm Yah-mah-nee Visitor Center. Space is limited; obtain a free ticket at the front desk the day of the program.

Cost

Suggested \$1 donation for snowshoe maintenance.

Ages

8 years and older. Infants and children in carriers are not allowed for safety reasons.

What to Bring

Boots, warm layers, water, lunch/snacks.

Ranger-led snowshoe walks are an excellent way to learn or practice snowshoeing techniques and explore winter at Lassen. As participant experience and fitness levels may vary, so too does route and distance. A ranger will demonstrate how to put on snowshoes and how to move around at the beginning of the walk.

Spring Hiking and Biking

Hike and Bike the Highway (HBH) is an opportunity for visitors to enjoy cleared sections of the highway before they open to vehicles. When conditions and timing allow, the Saturday before the highway opens to through traffic is promoted as the final opportunity for HBH.

The park highway usually opens in segments as snow clearing operations progress. The usual order of opening is:

Loomis Museum to Devastated Area - 10 mi Southwest Entrance to Sulphur Works - 1 mi

Sulphur Works to

Bumpass Hell parking - 7 mi Lassen Peak parking area - 8 mi

Open to through traffic - 30 mi

You can view which segments of the highway will be open during your visit on the spring road opening map at go.nps.gov/lavo/snowclearing.

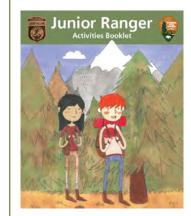
Generally, the timing of openings is largely dependent on snow depth, snow clearing operations, and conditions at the time of anticipated opening. Learn more about HBH at go.nps.gov/hbh.

Become a Junior Ranger

Kids age five and older are invited to participate in our Junior Ranger program. Choose from a variety of activities to earn an official Junior Ranger badge.

Our younger explorers are welcome to participate in the Chipmunk Club. Kids can learn more about wildlife in the park and earn a Chipmunk Club sticker.

Pick up your Chipmunk Club card or Junior Ranger booklet at the Kohm Yah-mah-nee Visitor Center or print one online at go.nps.gov/lavo/jr.







Winter Wildlife

Can you spot tracks, scat, or these winter residents themselves? These animals have adaptations to survive Lassen's harsh winters, such as storing food and developing thicker coats.



Steller's Jay

Cyanocitta stelleri
This large, dark jay swoops on its broad, rounded wings.
Keep an eye on your winter picnic as they are quick to spot unattended food. Steller's and Blue jays are the only northern American jays with crests.



Mountain Chickadee

Poecile gambeli
Sparrow-sized, small-billed
bird often sighted in trees
throughout the winter months.
Makes two distinctive calls,
"chicka-dee-dee-de" and
another that sounds strikingly
like "cheeseburger!"



Clark's Nutcracker

Nucifraga columbiana
This member of the crow family caches thousands of seeds each year. Easy to spot throughout the park as they swoop between trees. Listen for their frequent long, grating calls.



Snowshoe Hare

Lepus americanus
Slightly larger than rabbits,
with taller hind legs and longer
ears. Their large, furry feet
help them move atop snow
and a snow-white winter coat
turns brown when the snow
melts each spring.



American "Pine" Marten

Martes americana Cat-sized weasel with a long, slender body, short legs, rounded ears, and a bushy tail. The marten may be active as little as 15% of the day in the winter. Spotted occasionally in the Southwest Area.

Lassen's Own Sierra Nevada Red Fox



A Sierra Nevada red fox captured on a motion-sensor camera in Lassen Volcanic.

Lassen Volcanic National Park is one of two known locations of Sierra Nevada red fox (SNRF). Although once found throughout the Sierra Nevada and Southern Cascade mountain ranges, the species is now one of the rarest mammals in California.

Researchers estimate the Lassen area population consists of only about 20 individuals, based on survey findings from 2009 to 2011. An ongoing survey effort in and around Lassen Volcanic may provide our best opportunity for understanding and fostering Lassen's native red fox.

Smaller in size than low-elevation red foxes, SNRF generally weigh 4.5 to 9 pounds, have a narrow pointed muzzle, large pointy ears, and a slender body and legs.

SNRF are typically yellowish to reddish brown, but, despite their name, can also be black or silver. Handsome dark-brown markings adorn the top of their ears and shins, and white covers their chest and stomach. Their bushy fox tail always has a white tip, is long and flowing and carried close to the ground where it adds an additional dimension to their length.



Report a Red Fox Sighting

If you observe a red fox in the Sierra Nevada, Southern Cascade, or Klamath mountain ranges above 2,500 feet elevation, please report your observation by providing: date and time observed, location, terrain (e.g. rocky slope/forest/meadow), photos, and GPS location.

Learn more or report a sighting at go.nps.gov/lavo/SNRF.

Help Keep Wild Animals Wild

Enjoy your food, but please do not share with park animals. Winter residents each have their own special adaptations that help them survive the long winter season.



Bad for wildlife:

Wildlife will become dependent on people (they're wild animals!) and they will forget how to forage for food on their own.

Wild animals can become unhealthy or die from eating human food instead of their natural food.

Fed animals hang around parking lots and roads and could be hit and killed by cars.

Animals that are fed can become nuisances and may have to be destroyed.

Bad for you:

Small rodents and birds can and will bite the hand that feeds them, transmitting a variety of diseases.

Animals may carry rabies and you will have to get shots if bitten.

Fed animals lose their wariness of people and become aggressive. Larger animals, such as deer, have been known to buck or kick suddenly and cause serious injuries.

Wildlife may carry diseases that your pets are not protected from.





These fox prints and scat seen on the snow-covered Lassen Park Highway last winter suggest SNRF use ski and snowshoe tracks to facilitate winter travel and may be sighted in the vicinity.

Manzanita Lake Area Winter Routes

Beginner Routes

Manzanita Lake Snowshoe Loop

This trail is not recommended for skiing

Distance: 1.8 mile loop **Elevation:** 5,800 to 5,850 feet **Average Time:** 1.5 hours

Begin at the trailhead at the end of Loomis Plaza and circle the lake in either direction. This route provides excellent views of Lassen Peak and Chaos Crags. Please stay off lake ice, it is unstable and shores may be difficult to recognize under snow.

Reflection Lake Snowshoe Loop

This trail is not recommended for skiing

Distance: 0.5 mile loop Elevation: 5,800 feet Average Time: 30 minutes

Begin at the shore across the highway from the Loomis Museum and circle the lake in either direction. It may be necessary to follow the park highway for a short section of the lake edge closest to the road. Please stay off lake ice, it may be unstable and shores can be difficult to recognize under snow.

Manzanita Campground Loop

Distance: 1.5 mile loop Elevation: 5,800 feet

Average Skiing Time: 1.5 hours

Cross the footbridge at the end of Loomis Plaza, turn right and follow the road to the campground for approximately a quarter mile to where it turns to the right through a set of large rocks. The route covers a half-mile loop through several sections of the campground.

Intermediate Routes

Chaos Jumbles Area

Distance: 1.2+ miles round-trip Elevation: 5,290 to 5,300 feet Average Time: 1+ hour

Head up the park highway for 0.6 mile to an open area of stunted trees. Veer to the right up toward Chaos Crags. Here, the undulating topography slopes up into the bowl of the Crags. The terrain is easy to moderately difficult with excellent views at the higher elevations.

Chaos Crags Trail

This trail is not recommended for skiing

Distance: 4 miles round-trip Elevation: 5,290 to 6,650 feet Average Time: 3-4 hours

Cross the footbridge at the end of Loomis Plaza, turn left and follow the road to the Chaos Crags Trailhead sign. Follow yellow tree markers as the trail climbs steeply up to a ridge. If you decide to descend to Crags Lake, beware of potential rockfall and high winds.

C

Nobles Emigrant Trail

Distance: 5.2 miles round-trip Elevation: 5,875 to 6,275 feet Average Skiing Time: 3-4 hours

Pick up the trail north of Reflection Lake or at the trailhead off a service road west of Reflection Lake. Follow the orange tree markers along the base of Table Mountain. The trail climbs over a flank of Table Mountain into fir forest and rejoins the park highway at Sunflower Flat. Return the way you came or via the park highway to make a loop.

Manzanita Creek

Distance: 7.5 miles round-trip Elevation: 5,850 to 7,400 feet Average Skiing Time: 6 hours

From the Loomis Ranger Station, cross a footbridge, then turn right onto the Manzanita Lake Campground road. Travel through the campground to the Manzanita Creek trailhead sign. The route is mostly a gradual climb. Beware of avalanche chutes off of Loomis Peak that may reach the upper end of the trail.

Park Highway Destinations

The park highway route begins at the road closure gate just beyond the Loomis Plaza parking area. Destinations beyond Lost Creek Campground area are recommended for overnight trips only.

Sunflower Flat

Distance: 2.5 miles one-way Elevation Gain: 400 feet Estimated Time: 2 hours

Lost Creek Campground Distance: 4 miles one-way Elevation Gain: 200 feet Estimated Time: 3-4 hours

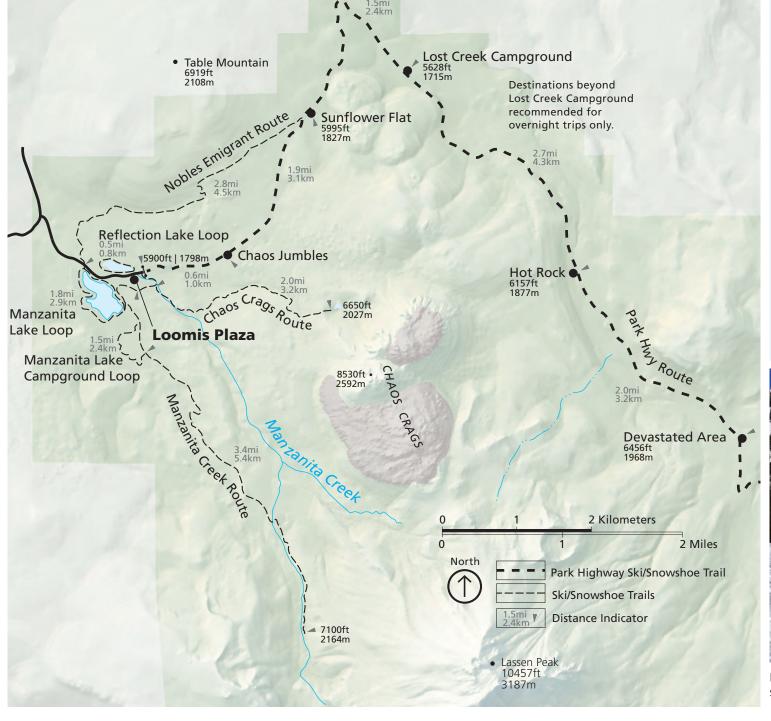
Hot Rock

Distance: 6.7 miles one-way Elevation Gain: 400 feet Estimated Time: Overnight

Devastated Area

Distance: 8.7 miles one-way Elevation Gain: 580 feet Estimated Time: Overnight

Manzanita Lake Area Winter Routes Map





Do not walk on ski tracks

Footprints and snowshoe tracks create hazards that make skiing more difficult.

Snowshoe parallel to ski tracks

Using a separate track ensures snowshoers remain clear of downhill skiers.

Yield to faster skiers or downhill traffic

Step to the side to allow skiers traveling downhill to safely pass. In all other cases, yield to those traveling uphill, as they are working harder and have the right of way.



Please be courteous and do not walk in ski tracks.

Southwest Area Winter Routes

Beginner Routes

Sulphur Works

Distance: 2 miles round-trip Elevation: 6,700 to 7,000 feet **Average Skiing Time:** 1 hour

The boiling mudpots and steam vents at Sulphur Works are active year-round. Follow the park highway route from the southwest parking area. The left side of the route is bordered by steep side hills; be aware of avalanche danger. For your safety, do not travel or camp in or near hydrothermal areas. The snow surrounding these areas may look solid, but may actually be a weak snow layer hiding pools of acidic boiling water. Maintain a safe distance from hydrothermal features. Visitors have been severely burned by hot mud and water.

McGowan Cross-Country Ski Area

Located in adjacent Lassen National Forest

Distance: 5 miles to Nanny Creek one-way **Elevation:** 6,080 to 5,110 feet **Average Skiing Time:** 4 hours

The McGowan Cross-Country Ski Area is located in Lassen National Forest, 2.5 miles south of the Southwest Entrance. Marked routes travel across a flat and slightly descending landscape. Ask a ranger for a map of the ski area or visit nps.gov/lavo/skiing.



Pets are welcome in this Lassen National Forest area south of the park.

Intermediate Routes

Ridge Lake

Distance: 4 miles round-trip Elevation: 7,000 to 8,000 feet Average Skiing Time: 4 hours

Follow the park highway route from the southwest parking area about ¾ mile and cross the bridge before Sulphur Works. The route begins at the north end of the flat area to the left. The route climbs rapidly along the east side of West Sulphur Creek to the Ridge Lakes basin. Several good camping spots can be found on the north shore of Ridge Lakes. If weather is severe, more protected camping can be found about ¼ mile below Ridge Lakes along its outlet creek. Avoid the area south of Ridge Lakes during periods of avalanche danger.

Diamond Peak

Distance: 4 miles round-trip Elevation: 6,700 to 8,000 feet Average Skiing Time: 4 hours

Follow the park highway route from the southwest parking area 1.5 miles to Windy Point. Veer left off at the sign for Ranger Cutoff, just beyond the point. The route climbs a gentle slope to a ridge with excellent views of Brokeoff Mountain and Sulphur Works. Stop here or continue along the ridge as it gradually narrows, providing views of Lassen Peak and eventually opening onto a steep slope at the western foot of Diamond Peak. Return using the same route; avoid descending the avalanche-prone slopes above the Sulphur Works area.

Advanced Routes

Brokeoff Mountain

Distance: 7 miles round-trip Elevation: 6,650 to 9,250 feet Average Skiing Time: 8 hours

Traditional routes use the Forest Lake route or the summer trail that begins near the park entrance. Numerous avalanche paths exist on all aspects of the mountain. Travelers should use extreme caution. Many skiers reserve travel to the summit for spring when snow conditions traditionally stabilize. Summit conditions during inclement weather often include high winds with little or no visibility. Be cautious of overhanging cornices at the summit.

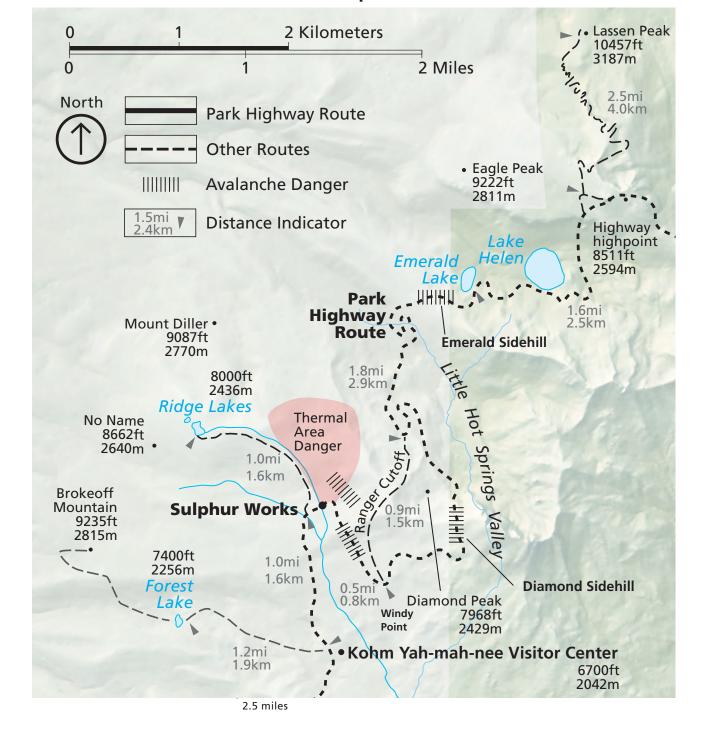
Lassen Peak

Distance: 17 miles round-trip Elevation: 6,700 to 10,457 feet Average Skiing Time: 3 days

Most travelers allow three days to summit Lassen Peak in the winter. Be prepared for high winds in the Lassen Peak and Lake Helen areas. Conditions on the mountain are most stable in early morning hours; afternoon travel is not recommended. The safest route up the mountain follows the summer trail through the forested section and continues on the southeast ridge to the summit. Weather conditions on Lassen Peak can deteriorate rapidly, creating white out conditions and high winds.

Travel outside of the highway corridor is recommended only for experienced winter travelers.

Southwest Area Winter Routes Map



Avalanche Safety

Lassen is avalanche country.
Each year avalanches claim
more than 150 lives worldwide.
Knowledge, information,
and equipment are key to preventing and
surviving avalanche accidents.

Before you enter the backcountry, ensure that you have a solid understanding of avalanche awareness. Carry avalanche gear including a shovel, probe, and transceiver/beacon and know how to use them.

Be especially cautious during and after a snow storm. Spring road opening also warrants extra caution, as avalanches and rockslides can occur on plowed sections of the highway at any time.

A Lassen Avalanche Awareness Guide with an avalanche terrain map is available at the Kohm Yah-mah-nee Visitor Center and online at go.nps.gov/winter_safety.



Backcountry users should carry avalanche gear and know how to use it. Learn more at go.nps.gov/winter_safety.

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Winter Travel



Directions Around the Park

Lassen Volcanic National Park Highway is closed to vehicles in the winter and early spring. Follow the directions below for travel between the Southwest and Manzanita Lake Entrances. **The route around the west side of the park is not recommended for RVs or trailers.** For directions from Manzanita Lake to the Southwest Entrance, follow the directions above in reverse—be sure to reverse left and right turns.

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 5 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 Around the East Side of the Park Best route for RVs and Trailers

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 5 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. Please note that CR A21 may close during heavy snowfall. In the case of closure, follow SR-36 an additional 17 miles to the SR-44 junction just west of Susanville.
- 3. Turn left (west) onto SR-44. Continue for 28 miles.
- 4. Turn left (west) onto SR-44/89. Continue for 13.5 miles.
- 5. Turn left (south) into the park. Continue 1 mile to the Manzanita Lake Entrance.

Winter Driving

Be prepared for icy or snowy conditions at high elevations during the fall and winter seasons. Conditions can be very hazardous, especially when temperatures drop during the evening and early morning hours.

During periods of heavy snowfall, Southwest Area plowing operations typically end at 1:30 pm.

Visitors are strongly encouraged to exit the park behind the snowplow to avoid traveling through deep snowpack.

Protect Yourself

Carry tire chains in your vehicle from October through May and know how to use them. Chain requirements can be instituted at any time; even four-wheel drive vehicles with snow tires can be required to chain up.

If you get stuck, stay in your vehicle and call for or flag down help. Clear your exhaust pipe to prevent carbon monoxide build-up.

Keep a full gas tank whenever possible.

Prevent Crashes

Drive for the conditions

Slower speeds, slower acceleration

Leave room for longer stopping distances

Use small, slow motions

Ease on the breaks

Steer into the skid

Stomp, stay, steer with anti-lock brakes (ABS)

No Fuel in the Park

There are no winter fuel services in the park View nearby gas stations on the map above.

Cell Service Limited

Cell service (AT&T and Verizon) is very limited in the park and surrounding areas. View spots with limited coverage on the map on page 3.

+ Emergencies

If you have an emergency call 911. If phone service is not available, contact a park employee, go to the Loomis Ranger Station, or use the emergency phone in the 24-hour vestibule of the Kohm Yah-mah-nee Visitor Center.

? California Highway Information

To check for chain requirements, road closures, or other highway advisories before your trip, call the CalTrans Highway Information Network at 1-800-427-7623 or visit roads.dot.ca.gov.



Southwest Entrance Station and Diamond Peak near the Kohm Yah-mah-nee Visitor Center.