

Lassen Volcanic

NATIONAL PARK • CALIFORNIA

This 106,000-acre expanse of coniferous forest, with 50 wilderness lakes and almost as many mountains, is dominated by Lassen Peak, a plug-dome volcano of 10,457 feet at the southern tip of the Cascades. The great mass of Lassen Peak began as stiff, pasty lava forced from a vent on the north slope of a larger extinct volcano known as Tehama. The lava was squeezed up to form a rough, dome-shaped mass, plugging the vent from which it came. After this plug dome was formed, Lassen Peak was calm for a long period. Beginning on May 30, 1914, eruptions occurred intermittently for more than 7 years. Other evidences of volcanism here are the beautifully symmetrical Cinder Cone and the active hot springs, steaming fumaroles, and sulfurous vents.

Lassen Park Road winds around three sides of Lassen Peak and affords many beautiful views of the volcano, examples of its destructive action, and vistas of woodlands and meadows, clear brooks and lakes.

Some 150 miles of foot trails lead you through this sweet-smelling and sparkling land. In the course of a hike, you may see a variety of conifers—pines, firs, and cedars. Stands of broadleaf trees—aspens and cottonwoods—add color to the autumn landscape. Willows and alders border Lassen's many streams and lakes. Wildflowers are usually abundant from mid-June through September.

Because this national park is so well watered and has such a variety of habitats, it is rich in animal life—some 50 kinds of mammals, 150 kinds of birds, about 12 different kinds of amphibians and reptiles, and a wealth of insects.

WHAT TO DO

The park's two visitor information centers; at Manzanita Lake (northwest entrance) and Sulphur Works (southwest entrance), are open from early June to late September. Publications about the park are available at both places.

Interpretive Program. To learn as much as possible about the geology, plants, animals, and history of the park, you are invited to participate in the free interpretive programs. During the summer season, park naturalists lead nature walks and hikes to nearby points of interest.

Evening programs are held in the campgrounds at Manzanita Lake, Summit Lake, and Butte Lake. Talks on Indian lore and other special-interest subjects are given at various locations in the park. Schedules are posted and are available at the visitor center and at ranger stations.

Self-guiding trails are at Butte Lake, Bumpass Hell, Sulphur Works, and Warner Valley. Guide

leaflets are provided at the respective trails. Wayside exhibits located at the Devastated Area and other places in the park explain the natural features.

Driving. Many of the major features of the park can be seen from the park road, which half encircles Lassen Peak. Numbered posts are keyed to brief descriptions in the park's color *Road Guide*, which is sold at the entrance stations.

Camping and picnicking. Four campgrounds and five picnic sites are located along Lassen Park Road (see map other side). The campgrounds at Manzanita Lake, Crags, Summit Lake, and Butte Lake have sanitary facilities and spaces for trailers (no hookups for electricity, water, or sewage). The Southwest Campground also has modern facilities, but you will have to walk about 100 yards from the parking area to the site. Camping is permitted from mid-May to October—depending on the weather and the location of the campground. All campsites have fireplaces. Complete campground information is provided on request.

Hiking. More than 150 miles of trails lead to lakes, streams, waterfalls, mountain meadows, thermal areas, old volcanoes, and lava flows. Trails are well marked and easy to follow. The booklet *Lassen Trails* and a copy of the topographic map of the park are helpful in deciding which trails to take.

Fishing. Several lakes and streams in the park have rainbow, brook, and brown trout. You may fish anywhere except in Emerald Lake, Manzanita Creek, and within 150 feet of the inlet to Manzanita Lake. You'll need a California fishing license. State fishing regulations should be read in advance.

Boating. Rowboats, canoes, and other non-powered craft may be used on any lake except Reflection, Emerald, Helen, and Boiling Springs. Follow the safety rules for boating; large lakes can become quite rough in windy weather.

REGULATIONS

Front-country camping is allowed only in designated campsites—never in picnic areas or beside roads—and is limited to 7 days.

Pets must be kept on a leash at all times; they are not permitted on trails, in buildings, at evening talks, or in the back country.

Speed. Maximum speed is 45 m.p.h.

Wilderness permits issued by this park *only* are required for all back-country camping. Never leave a fire unattended; extinguish it completely. Carry out all bottles and nonburnable materials.

Trails. Stay on the trails. Do not take short-cuts. Pets and motor vehicles are not allowed on trails. Extreme caution should be exercised in thermal areas; small children should be kept under close supervision at all times.

Weapons. The use or display of weapons is prohibited.

Motorboats are not allowed on any park waters.

Natural features should not be disturbed; leave them as you find them.

WINTER SEASON

Lassen Park is open the year around, but the trans-park road is closed by heavy snow from the end of October until early June. At a winter-sports area near the southwest entrance, downhill ski facilities are in operation Friday through Sunday and on holidays, from about Thanksgiving until Easter. Hot lunches, refreshments, instruction, and rental ski equipment are available at the Ski Chalet. Two rope tows and a poma lift provide beginning, intermediate, and limited advanced skiing opportunities. Snow conditions are usually excellent for cross-country skiing; but when deep, heavy snow makes avalanches possible, the back country will be closed. The southern section of the park has terrain suitable for beginning and advanced skiers. For your safety, notify park rangers of all trips.

The road to Manzanita Lake is open in winter. The gentle terrain in the general vicinity is ideally suited for cross-country skiing.

ACCOMMODATIONS AND SERVICES

Overnight accommodations are available at Drakesbad Guest Ranch from July 1 until Labor Day.

Manzanita Lake Campground camper-service store will offer fast food service, camper supplies, and groceries. Fast food service and souvenirs are available at Lassen Chalet, near the Southwest Entrance Station, from late June into September.

Park rangers are trained to give first aid, but the nearest medical services are at Burney, Redding, Red Bluff, and Chester.

Schedules of religious services are posted.

FEES

Lassen Volcanic National Park is a designated federal recreation fee area; entrance and campground fees are collected.

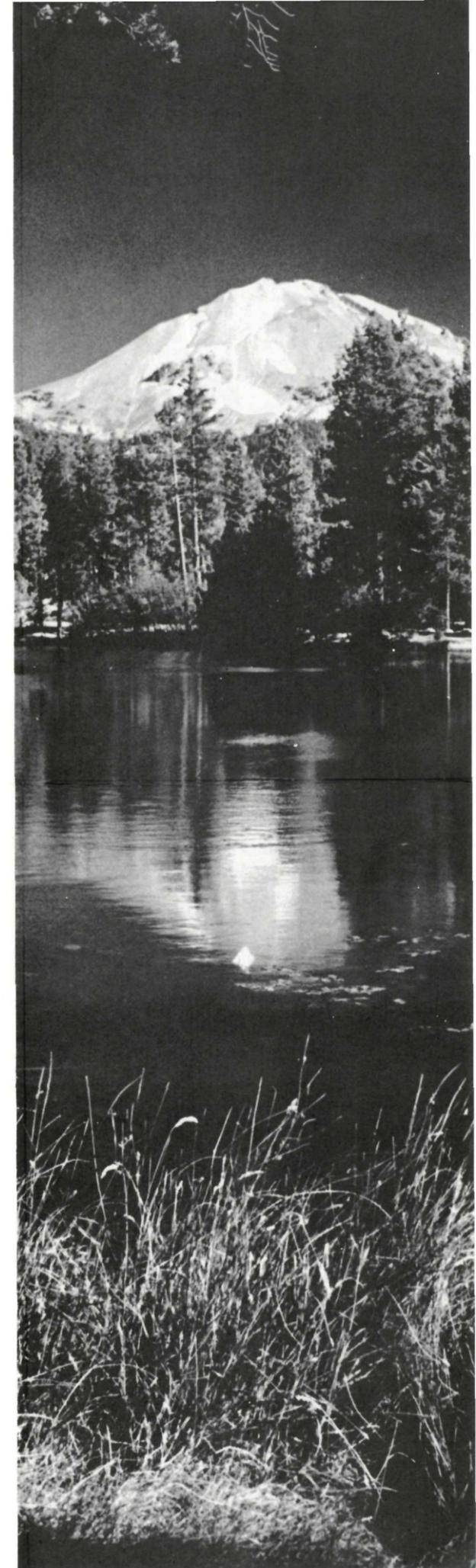
HOW TO REACH THE PARK

—By train to Redding.

—By plane to Redding and Chico, the nearest commercial airports. Private planes can land at Chester and Red Bluff.

—By bus daily except Sunday and holidays from Red Bluff and Susanville to Mineral, all year.

—By car from the north and south, Calif. 89; from the east and west, Calif. 36 and 44.



GPO: 1979-281-357/12 Reprint 1979

FOR YOUR SAFETY

STAY ON ESTABLISHED TRAILS AT ALL TIMES in hot springs or steaming areas. Keep small children under strict physical control to avoid burns or accidents. Ground crusts which appear safe may be dangerously thin.

ADMINISTRATION

Lassen Volcanic National Park, containing more than 160 square miles, is administered by the National Park Service, U.S. Department of the Interior. A superintendent with offices one-half mile west of Mineral on Calif. 36 is in immediate charge. His mailing address is Mineral, CA 96063.

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.

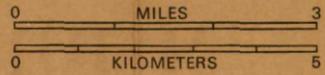
National Park Service
U.S. DEPARTMENT OF THE INTERIOR

LASSEN VOLCANIC NATIONAL PARK

89 Subway Cave
44



- Development
- Campground
- Ranger Station
- Overlook
- Nature Trail
- Fire Lookout
- Wilderness Area
- Paved Road
- Unpaved Road
- Trail



DISTANCES ALONG LASSEN PARK ROAD

From southwest entrance	Feature	Miles	From northwest entrance	Feature	Miles
0.0	Southwest boundary. The Raker Memorial.		29.7		
0.9	Sulphur Works entrance station.		28.8	7.2 Lake Helen. Named for Helen Brodt, first white woman to climb Lassen Peak, 1864.	22.5
2.0	Sulphur Works. Thermal area, steam vents, mud pots, self-guiding trail.		27.7	7.9 Lassen Peak Trail. A 2½-mile trail to summit, elevation 10,457 feet. 3- to 5-hour round trip. Take your time hiking at this high elevation!	21.8
				8.1 Park Road Summit. 8,512 feet.	21.6
				12.6 Kings Creek Meadows. Picnic area.	17.1
				17.5 Summit Lake. Campground, campfire programs, fishing.	12.2
				20.0 Devastated Area. Denuded of all vegetation by mudflow and hot blast from Lassen Peak in May 1915.	9.7
				22.0 "The Hot Rock." A large boulder of 1915 lava deposited as part of the great mudflow, remained hot for days.	7.7
				26.1 Crags Campground.	3.6
				27.5 Chaos Jumbles and Dwarf Forest. Jumbles caused by avalanche from Chaos Crag.	2.2
				29.4 Manzanita Lake Entrance Station. Information, lost-and-found, and first aid services at ranger station, Visitor center.	0.3
				29.6 Visitor Center and District Ranger Office.	0.1
				29.7 Northwest boundary.	0.0

MINERAL PARK HEADQUARTERS

CHESTER