Volcanic Wonders… Yours to Discover

Visiting Newberry National Volcanic Monument allows you to explore Newberry Volcano, the largest volcano in the Cascade Range. There are extraordinary Volcanic Wonders within the Monument, making it a great place to learn about Central Oregon’s fiery past. Newberry's eruptive history began 400,000 years ago and has created massive lava flows covering 1,200 square miles, producing lava tubes, and over 400 cinder cones and volcanic vents during it’s active periods. The last eruption—just 1,300 years ago—formed the youngest lava flow in Oregon.

Newberry’s rich cultural history offers many ways for you to connect with those who came before. From the native communities who first crossed this land to the early European and American explorers, from the grassroots led Monument creators to casual visitors today, people have marveled at this rugged landscape for thousands of years.

The Volcanic Wonders of Newberry National Volcanic Monument offer boundless opportunities for exploration and recreation… yours to discover!

Lava Butte rises 500 feet above its 9 square-mile lava flow. It erupted 7,000 years ago and is one of Newberry’s many cinder cones.

Lava Cast Forest formed when a lava flow overtook an old-growth forest and cooled to form casts of the trees that once stood there.

Lava River Cave is a mile-long lava tube formed from one of Newberry Volcano’s massive eruptions about 80,000 years ago. (see page 6)

Newberry Caldera contains the crystal-clear East Lake and Paulina Lake, several lava flows, and lots of opportunity for adventure.

Big Obsidian Flow formed just 1,350 years ago making it Oregon’s youngest lava flow.

Paulina Peak crowns Newberry Caldera at its highest point of 7,984 ft.

Paulina Falls spills over the lowest point of Newberry Caldera, plummeting 80 ft. in a twin waterfall.

Call the MONUMENT HOTLINE (541) 383-5700 for up-to-date information
Newberry Volcanic National Monument encompasses 15,822 acres within the Deschutes National Forest. This land was included in the National Forest System for nearly a century before being designated as a National Monument by President George H. W. Bush.

Many locations on the Monument vary de-

Water fountains are available at Lava Beds Visitor Center. Helmets are strongly recommended for all bicyclists.

Bathing and Boating

Many species and activities are managed by the Forest Service as well as one at each resort. Fees apply for boat launch fees and amenities. Boats of all sizes from canoes to sailboats and motorboats can be rented at either park. Employees are trained recreation service providers. Campers are strongly encouraged to understand the potential hazards and constraints of the various activities. Please see the Leave No Trace principles on page 3. Talk to a Ranger if you have additional questions.

Activities

Hiking

Over 110 miles of summer trails and 130 miles of winter trails can be explored within or extending from the Monument. Trails vary widely in difficulty from short walks on paved paths to long hikes on uneven terrain. Hiking is a great way to find a trail that suits your interests and abilities. A list of some of the main hiking trails can be seen from these trails:

Before being prepared for a hike to protect your health and safety. Bring water, especially on hot days. There is no water available at these sites. Dress appropriately for the conditions, including proper footwear. Check the trailheads on your own trail and for important habitat and fragile vegetation. Know the local laws and where pets can or cannot go. Review the Leave No Trace principles on page 3. Talk to a Ranger if you have additional questions.

Wildlife Viewing

Youngest Lava Flow: 1,300 years

Oldest Lava Flow: 400,000 years

Lowest Elevation: 3,960 feet

Highest Elevation: 7,984 feet

Visitors are strongly recommended to use a Discover Your Forest state that sells maps, books, and gifts.

Facilities & Services

Visitor Centers

Lava Flow on the Monument are both staffed by rangers ready to answer your questions and provide information to enhance the quality of your visit. Each visitor center has an interpretive display on a Discover Your Forest state that sells maps, books, and gifts.

Lava Butte Shuttle

Discover Your Forest and Deschutes National Forest are excited to continue our partnership with Cascades East Transit (CET). Visitors can utilize convenient shuttle service to access the summit of Lava Butte and its trails. The shuttle will depart from Deschutes National Forest Visitor Center and Lava Butte every 10 minutes from 10 am to 4 pm. Fares are $2 per ride and all rides are wheelchair accessible. Visit www.deschutesnatonalforest.com for more information.

Lutie Butte Shuttle

Visitors can access the top of Lava Butte by hiking the Lava Caves Trail or by taking the shuttle. This shuttle route takes hikers by the Lava Caves Trail and Lava Beds National Monument and travels up to the summit of Lava Butte. The shuttle is operated by the Department of Environmental Quality (DEQ) and the Department of Fish and Wildlife (DFW).

Biking

The Monument is an excellent place to ride whether you seek a challenging trail, family-pleasing trail, or an enjoyable paved path. All trails are open to bikes so please check the trail signs on page 1 before deciding on your next ride. If you bike to the Monument, vegetation has not been designed to accommodate bicycles. Please follow the Leave No Trace principles. These

Recreation Passes

Every Kid in a Park (EKIP) Pass Some recreation areas are required on the Monument in recognition of the following days:

June 10 – National Get Out Doors Day

June 25 – National First Day of Summer

Recreation passes are required at all posted fee areas on the Monument, including the Deschutes National Forest and Newberry Volcanic National Monument. These passes arevalid for a period of one year from the date of purchase. These are the four required passes:

National Forest Day Pass ($5)

NVN423 Day Pass ($10), valid only at Monument

Annual Northwest Forest Pass ($30)

Interagency Annual Pass ($10)

Interagency Senior Pass ($10)

Interagency Access Pass ($10), valid for active personnel of the military and their dependents.

Help Protect Monument Resources

Every visitor should practice the Leave No Trace principles on page 3. Talk to a Ranger if you have additional questions.

Pets

Pets are allowed and other park rules apply. Pets on-leash are allowed in picnic areas. Pets can be carried in backpacks and on most Monument trails. Pets are not allowed on group activities, group reservations, or in other government buildings including the Lava Beds National Monument visitor center. Pets are not allowed on the Big Obsidian Flow Unit. Lava Beds is very rocky.

Camping

Camping is allowed in the Monument. Campsites are available in Lava Beds National Monument along Lava Lake Road (Road 25) at the southern end of the Monument. Please see the table on page 4 for details. Campgrounds are maintained and operated by Hoodoo Recreation, a private park.

Guide Services

Permitted guide services operate within the Monument providing volcano tours, bird-watching excursions, fishing trips, stress-free rentals, and mountain bike adventures. Inquire at one of the visitor centers for more information.

Forest restoration efforts are happening in and around Newberry Volcanic National Monument. Small plots of forest restoration projects are under the threat of a catastrophic fire, possibly leading to loss of trees, and restorers forest health. These projects are carried out by a variety of organizations and groups. Restoration activities include the planting of new trees, thinning and restocking forest land.

Beetles and other insects have also caused a large number of trees in the area to die. Some of these trees are a potential hazard and are removed as routine popular recreation sites. The forest service provides routine dead tree removals to eliminate these hazards. Trees in these areas will also be marked and painted.

Visitors may visit activities related to these projects. Trees will be planted with paint to help protect the workers and the public from the logging equipment. Some of the trees are marked with paint to help identify them for removal. All of these restoration activities will make forests more resilient to catastrophic fires and disease in the future.

Protect our National Parks, they are the reason we can explore and enjoy the great outdoors. To learn more about the Leave No Trace philosophy, visit LeaveNoTrace.org or talk to a ranger.

May thru Labor Day Weekend. Program content will vary depending on your interests and the group participating. Contact your visitor center or contact the State Park for more information.

Fishing

The first trout were stocked in East Lake in 1912. Since then, both East and Paulina Lakes have been among the best fishing in the State of Oregon. Rain-}

Ranger Programs

Interpretive Ranger programs are offered at numerous locations across the Monument throughout the year. For information and registration, call 541-338-8700 or visit the www.hoodooreservations.com website. Information (M-F): 541-338-7869

Recreation passes can be obtained at the visitor centers and online at:

www.everykidinapark.gov for information or to make reservations at Paulina Lake Lodge, call 541-326-2320, or visit www.paulinalakelodge.com

www.hoodoorecreation.com

Some of the recreation areas are required on the Monument. These areas include the Lava Beds National Monument Visitor Center and Lava Beds National Monument. These passes are valid for a period of one year from the date of purchase.

For information or to make reservations at Paulina Lake Lodge, call 541-326-2320, or visit www.paulinalakelodge.com

Annual Recreation Pass ($30)

Interagency Senior Pass ($10)

Interagency Access Pass ($10), valid for active personnel of the military and their dependents.

Interagency Military Pass (FREE for active uniformed personnel and their dependents).

Recycling

Recreational fishing is an activity you make as a visitor. Without your support, many of the trails, facilities and services you depend on would not be possible. For more information on Fly Fishing access on the Monument, visit www.fladnr.com or talk to a ranger.

Mail: Apex

Travel

Transportation

Short-haul air service and ground transportation are available.

www.bendairport.com

Hoodoo Recreation

www.hoodooreservations.com

Discover Your Forest in lieu of your fee or apply. Consider making a donation to the Forest Service. Please remember to reduce your impact on the environment.

Invasive Species Prevention Permit. All watercraft require an Oregon State Fishing Regulations apply. Oregon State Fishing Regulations apply. Oregon State Fishing

www.oregon.state.gov/for-}
Trails to Volcanic Wonders

A trail can lead to rare plant species or a clear mind. To a symphony of songbirds or an awe-inspiring view of Volcanic Wonders. It can lead to satisfying lessons and challenging situations. You cannot know what you might find when you begin down a trail. For these reasons, keep stewardship and safety in mind. Review the Leave No Trace Principles listed on page 6 to learn how to protect yourself and the Monument’s resources. A few steps ahead or around the next switchback, the unknown is Yours to Discover!

**TRAIL NAME** | **MILEAGE** | **FEE/ 
GAIN** | **USE** | **MAP** | **DESCRIPTION**
---|---|---|---|---|---
Deschutes River #2.1 to Benham Falls | 2.5 mile | 0 ft. | 1 | 1 | Cross the gorge and follows a ride trail to the Benham Falls overlook.
Lava Butte Rim #3918 | 0.25 mile | 150 ft. | 1 | 1 | Circles the rim of Lava Butte, a cinder cone volcano. Provides views of the Caldera and Newberry Caldera.
Lava Cast Forest #3960 | 1 mile loop | 150 ft. | 2 | 2 | Paved path with many tree casts and sweeping views of the area. A designated National Recreation Trail.
Old Mill Interpretive Trail #3984 | 3.3 mile | 0 ft. | 1 | 1 | Provides a glimpse of the Deschutes River’s historic uses and its ecology.
Paulina Falls #3957 | 2.25 miles / 2 miles | 200 ft. / 400 ft. | 1 | 1 | Connects trail leads to the falls/parking 50 feet. A shorter hike leads toupper viewing area, and a longer 2.2 mile hike leads to views from below.
Silica #3958.5 | 0.8 mile | 50 ft. | 1 | 1 | Hike through a mixed conifer forest from the Little Crater Campground to the Big Obsidian Flow.
Trail of the Molten Land #3922 | 1 mile loop | 150 ft. | 1 | 1 | A must-see National Recreation Trail. Paved interpretive path wanders across a basalt lava flow to a viewpoint.
Trail of the Whispering Pines #3930 | 0.3 mile | 0 ft. | 1 | 1 | Paved path wanders through a Ponderosa pine forest.

**TRAIL NAME** | **MILEAGE** | **FEE/ 
GAIN** | **USE** | **MAP** | **DESCRIPTION**
---|---|---|---|---|---
Big Obsidian Flow #3958.1 | 1 mile loop | 100 ft. | 1 | 1 | Ascend the stairs to be surrounded by black volcanic glass, catch views of surrounding peaks.
Black Rock #3935 | 3 miles | 300 ft. | 1 | 1 | A popular single-track mountain bike route that parallels the edge of Lava Butte’s lava flow.
Deschutes River Trail - #2.1 | 10 miles | 300 ft. | 1 | 1 | Choose where to start and how long to go for a custom bike, trail follows the river past several falls.
Hoffman Island #3959 | 1 mile | 150 ft. | 2 | 2 | Get a great view of a kopula, an island of trees surrounded by lava on this less traveled trail.
Newberry Crater #3958 | 3.5 miles | 300 ft. | 1 | 1 | Offers unique views of the Big Obsidian Flow, Paulina Peak and Paulina Lake.
Little Crater #3953 | 1.8 miles | 500 ft. | 1 | 1 | Offers unique views of the Big Obsidian Flow, Paulina Peak and Paulina Lake.
Parallels Rd. #21 on the east side of the Caldera and can be used to access the Crater Rim Trail.
Sun-Lava #3940 | 5.5 miles | 100 ft. | 1 | 1 | Paved path, stop at the Deschutes River after 4 miles or continue to Sunriver before turning back.

**TRAIL NAME** | **MILEAGE** | **FEE/ 
GAIN** | **USE** | **MAP** | **DESCRIPTION**
---|---|---|---|---|---
Crater Rim #3957 | 21 mile loop | 1,200 ft. | 1 | 1 | A great mountain bike ride. Shorten the loop by using a connector trail. No water along the way.
Lava River Cave | 1 mile | 200 ft. | 1 | 1 | Descends to the underground world of the longest lava tube in Oregon. See page 8 for more info.
Lost Lake #3958.2 | 3.8 miles | 300 ft. | 1 | 1 | Parallels Rd. #21 then climbs to the Caldera rim with unique views of the Big Obsidian Flow.
Paulina Lakeshore Loop #3955 | 7.5 mile loop | 200 ft. | 1 | 1 | Go counter-clockwise for the best views. Don’t miss the peak views on the north shore.
Paulina Peak #3951 | 2 miles | 1,400 ft. | 1 | 1 | A steep hike with huge views waiting on the peak. Trailhead is located on the road to Paulina Peak.
Peter Skene Ogden #3956 | 6.5 miles | 2,000 ft. | 1 | 1 | A designated National Recreation Trail, it follows Paulina Creek passing many waterfalls.

**CAMP GROUNDS & LODGING**

**CAMP SITE NAME** | **AMENITIES** | **FEE PER NIGHT** | **TOTAL SITES** | **RESERVE DT**
---|---|---|---|---
Paulina Lake Campground | | $18 / Extra Vehicle $0 | 69 | 30
Newberry Group Camp | | $16 / Extra Vehicle $0 | 6 | 3
Chief Paulina Horse Camp | | $14 / $15 / Extra Vehicle $7 | 14 | 14
Little Crater Campground | | $18 / Extra Vehicle $9 | 49 | 25
East Lake Campground | | $18 / Extra Vehicle $0 | 29 | 18
Cinder Hill Campground | | $18 / Extra Vehicle $0 | 110 | 55
Paulina Lake Lodge | | Cabins: $95 - $152 | 14 | 14
East Lake Resort | | Cabins: $84 - $245 | 16 | 16
East Lake RV Park | | Tent: $25 / RV: $32 | 45 | 45

Posted day-use sites within campgrounds require valid recreation pass in addition to any camping fees. See map on page 5 for campground locations. Please note: some campground reservations may be limited to allow for time removal in areas affected by fires and disease.
Safety and Comfort
There is nothing inside the cave. Carry at least 2 light sources. Headlamps, flashlights or propane lanterns are permitted. Lights can be rented or purchased at the cave entrance.

Wear warm clothing, the cave temperature averages 42 degrees year-round.

Wear closed-toe shoes or boots, the hike requires working on slippery, uneven surfaces and on steep staircases.

Use the restroom before entering the cave. There are no toilets in the cave. Be prepared to spend two hours or more underground.

Watch your head. Ceiling heights in the cave vary with rocky overhangs. Child carrier backpacks are not recommended.

Only certified service dogs are allowed in the cave. They are not recommended due to the abrasive metal on walls and stairs, potential interactions with wildlife and the high volume of people in a confined space. There is not enough shade to safely leave pets in vehicles.

Cave Access
The crawl space at the end of the cave is closed to visitors for safety and to prevent the spread of White-nose Syndrome.

The cave is closed outside of operating hours.

Parking
Park in designated spaces only. If the parking lot is full, the cave is at capacity and you can come back another time.

Plan Your Trip
Lava River Cave is one of the most popular and heavily visited sites on Newberry National Volcanic Monument. Large crowds can result in extended wait times and early cave closure.

Visitors may experience longer wait times when visiting Lava River Cave during peak times of the day and peak season. Between June and September, visitors will find easier access and avoid long wait times by visiting the cave before 11:00 am.

Don’t be a Rock Raider!
Don’t be a Rock Raider! The rock formations in the cave are a part of our National Monument and if you bring stones home, you may be losing something quite valuable—our natural heritage.

Wear warm clothing, the cave temperature averages 42 degrees year-round. Bring headlamps, flashlights or propane lanterns. The cave is closed outside of operating hours.

Support Your Monument
Newberry National Volcanic Monument is managed through a partnership between Deschutes National Forest and Discover Your Forest. Discover Your Forest is a local, nonprofit organization dedicated to promoting the discovery of Deschutes and Oregon’s National Forests and Crooked River National Grassland through enriching the experiences of visitors and building community stewardship of these special places today for generations to come.

You can support Discover Your Forest in many ways during your visit, including purchasing items from our store. We offer high-quality items for kids and adults that highlight the plants, animals, and geology of Central Oregon and the Pacific Northwest.

You can also support Discover Your Forest by becoming a member. Members get great discounts and access to exclusive benefits.

Visit one of our Discover Your Forest locations at Lava Lands Visitor Center, Paulina Visitor Center or Lava River Cave for more information.

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Volunteer With Us
Newberry National Volcanic Monument is home to a wonderful group of volunteers. They are the ones, working alone or in small, sometimes thousands of hours, helping at Newberry National Volcanic Monument. Newberry volunteers guide school groups, trail hikes and cave tours, keep our trails clean and safe, assist campers, and share information with visitors at the Monument’s visitor centers and volcanic wonders sites. Our volunteers are stewards of Newberry’s best resources. Along with information about the Monument, our volunteers enhance the visitor’s experience by educating the public about local history, culture, and how to be good stewards of our public lands.

Newberry volunteers are part of a forest-wide volunteer program that has over 3,500 volunteers each year. Together they contribute nearly 200,000 hours of service annually, investing $1.2 million in donated labor.

If you would like to learn more about how to become a volunteer and experience the wonders of Newberry National Volcanic Monument, visit DiscoverYourForest.com or call Discover Your Forest at 541-383-5353.

Discover Your Forest is a national nonprofit organization focused on making your visit to our National Forests and Crooked River National Grassland an enjoyable and meaningful experience. We’re proud of and grateful for our volunteers, who donate over 10,000 hours each year. Together we protect and conserve our public lands and communities.

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You can support Discover Your Forest in many ways during your visit, including purchasing items from our store. We offer high-quality items for kids and adults that highlight the plants, animals, and geology of Central Oregon and the Pacific Northwest.

You can also support Discover Your Forest by becoming a member. Members get great discounts and access to exclusive benefits.

Visit one of our Discover Your Forest locations at Lava Lands Visitor Center, Paulina Visitor Center or Lava River Cave for more information.

Your donations make a difference. The past year, we have been able to:

• Welcome over 250,000 visitors at Newberry National Volcanic Monument.
• Train 25 Certified Interpretive Rangers who made over 30,000 visitor contacts.
• Issue 6 Ranger badges to 2,500 children.
• Provide free field trips for 5,400 K-12 students.

To donate, visit one of our locations, go to discoveryourforest.org, or call 541-383-5352.

Newberry National Volcanic Monument is committed to making your visit to Newberry truly memorable! Thank you for your support!
Hiking and Day Use
Day use areas and trails on the Monument are open during daylight hours.

Lava Lands Visitor Center
May 5 – May 22, Th to M 10am to 4pm
May 25 – Sept. 4, Daily from 9am to 4pm
Sept. 5 – Oct. 1, Daily 10am to 4pm
Gates close at 4pm. The cave is closed to all visitors outside operating hours listed here.
Oct. 2 The cave is CLOSED for the season to protect bat populations.

Paulina Visitor Center
May 27 – June 4, Weekends & Holiday 10am to 4pm
June 10 – Sept. 4, Daily 9am to 5pm
Sept. 5 – Oct. 1, Daily 10am to 4pm
Oct. 2 Paulina Visitor Center is CLOSED for the winter season.

Newberry National Volcanic Monument