



# Zion Map & Guide

Shuttle Guide

Bring this with you on the bus

Free Shuttle

National Park Service

Summer 2001

## How To Use The Shuttle System

### Inside You'll Find

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### Emergencies

Call 911 or 772-3322

24 hours a day or contact a Park Ranger.

### Easy as 1-2-3

The Zion Canyon Scenic Drive is by shuttle bus only. *Private vehicles are not allowed.* It's easy to visit this part of the park, follow these three steps:

#### 1. Park

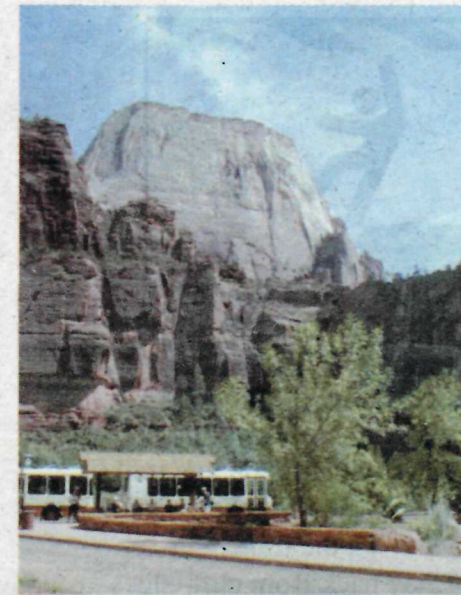
Parking at the visitor center is full between 10 a.m. and 3 p.m. daily. To avoid parking hassles, leave your car in the town of Springdale and ride the free town shuttle to the park. Enter the park on foot at the Zion Canyon Giant Screen Theater. Tune your radio to 1610 AM for more information.

#### 2. Plan

Use the exhibits at the Zion Canyon Visitor Center to plan your visit based on your time (less than 3 hours or more than 3 hours) and your interests (sightseeing, hiking, and more). Check the schedule of Ranger-led activities and the park bookstore for maps and books to enhance your visit.

#### 3. Ride

Free buses run from 5:30 a.m. to 11 p.m. as often as every six minutes. See page 12 for shuttle schedule. Buses are fully accessible. Pets are not allowed.



## How To Plan Your Time

### Less Than 3 Hours

**Zion Canyon Scenic Drive** The easiest way to see some of the park's most beautiful sights in a limited time is to ride the Zion Canyon Shuttle. A round trip will take a minimum of 90 minutes.

**Weeping Rock Trail** An easy walk on a paved path where springs continually drip from overhead. .5 miles/.5 hours round trip/climbs 98 feet. Too steep for wheelchairs.

**Court of the Patriarchs** Short but steep trail leads to views of the Sentinel and the Three Patriarchs. 100 yards/.25 hours round trip, climbs 40 feet.

#### Zion-Mt. Carmel Highway

The 10 mile road that connects the east and south entrances is a steep drive up switchbacks and through the mile-long tunnel. Checkerboard Mesa and slickrock domes are visible from the road. This is the main access to Bryce Canyon and the North Rim of Grand Canyon. See large vehicle restrictions on page 12.

### More Than 3 Hours

**Emerald Pools Trail** A series of basins have been carved into a rock ledge by flowing water. This is one spot in the park where you'll almost always find at least a small waterfall. Easy, 1.2 miles/ 1 hour round trip, climbs 200 feet. Warning! Steep Cliffs. Shuttle stop: Zion Lodge.

**Riverside Walk** This easy, beautiful, shaded walk meanders through forested glens, following the path of the Virgin River into the narrow high-walled canyon, 2 miles/1.5 hours round trip, climbs 57 feet. Accessible, some grades in second half may be too steep for wheelchairs. Shuttle stop: Temple of Sinawava.

**Watchman Trail** The end of the trail offers great views of Watchman, West Temple, and lower Zion Canyon. Best hiked early or late in the day, this trail is often hot in summer. Moderate, 2 miles/2 hours round trip, climbs 368 feet. Trailhead: Zion Canyon Visitor Center.

**Hidden Canyon Trail** After a short but very steep climb the trail ends at the mouth of Hidden Canyon. Hikers may continue into the canyon but there is no maintained trail. Moderate, 2.2 miles/3 hours round trip, climbs 850 feet. Warning! Steep Cliffs. Not for anyone fearful of heights. Shuttle stop: Weeping Rock.

**Angels Landing Trail** The steep trail climbs the famous Walter's Wiggles past dramatic views at Scout Lookout, and on to the high point with spectacular views up and down Zion Canyon. Strenuous, 5 miles/4 hours round trip, climbs 1,488 feet. Warning! Steep Cliffs. Not for anyone fearful of heights. Shuttle stop: The Grotto.

**Observation Point** High atop the east rim, the trail ends on a slender peninsula overhanging the valley floor offering spectacular views on three sides. Strenuous, 8 miles/5 hours round trip, climbs 2,148 feet. Warning! Steep Cliffs. Not for anyone fearful of heights. Shuttle stop: Weeping Rock.

### Visitor Centers

#### Zion Canyon Visitor Center

At the south entrance. It is the main access for the Zion Canyon Shuttle. Open 8 a.m. to 7 p.m. daily in the summer with shorter hours the remainder of the year. Closed December 25. Exhibits help you plan your visit and make the most of your time. Rangers are available to answer questions and issue backcountry permits. Books, maps, and film available.

#### Kolob Canyons Visitor Center

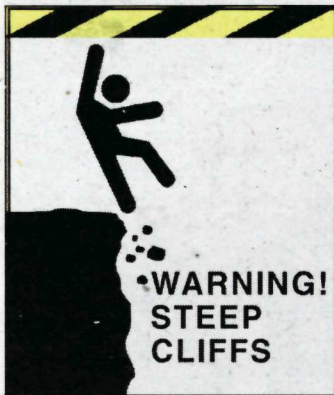
Off Interstate 15 at Exit 40, 45 miles north of Springdale and 17 miles south of Cedar City. Open 8 a.m. to 7 p.m. daily in the summer with shorter hours the remainder of the year. Closed November 22 and December 25. Exhibits explain the geology of the area. Rangers are available to answer questions and issue backcountry permits. Books, maps, and film available.



# Information and Services

## This is Canyon Country

**Steep Cliffs** When hiking, stay on established trails and watch your footing, especially at overlooks and near drop-offs. Loose sand or pebbles on stone are very slippery. Be careful of edges when using cameras or binoculars. Never throw or roll rocks; there may be hikers below. Be alert for rock falls and landslides. Although they rarely cause injury, they do occur frequently.



This symbol is a warning: Falls from cliffs on this trail have resulted in death.

- Stay on the trail.
- Stay back from cliff edges.
- Observe posted warnings.
- Parents-watch your children!

**Flash Floods** All narrow canyons are potentially hazardous.

Flashfloods, often from storms miles away, present a real danger and can be life threatening. By entering a narrow canyon, you are assuming a risk.

### Judgement

Whether hiking, climbing, or driving, your safety depends on your own good judgement, adequate preparation, and constant attention. Don't ruin your vacation by having an accident. Your safety is your responsibility.

### This Is The Desert

**Water** The desert is dry. Carry enough water for everyone in your group. Drink water regularly, at least one gallon per person per day. Thirst is the first symptom of dehydration; drink before you become thirsty. Headache and muscle cramps are later symptoms of dehydration. Water is available at visitor centers, campgrounds, Zion Lodge, Grotto Picnic Area, and Temple of Sinawava. Do not drink untreated water from streams or springs.

**Sun and Heat** Protect yourself from intense sun and summer temperatures as high as 110°F (48°C). Protect your skin with sunscreen. Wear light-colored clothing, a hat, and sunglasses that provide UV protection. Avoid heat exhaustion. Plan strenuous activities for mornings and evenings when it's cooler.

### Accessibility

Both visitor centers, all shuttle buses, and Zion Lodge are fully accessible. Several campsites are reserved for people with disabilities and two trails are accessible.

### Emergencies

For 24-hour emergency response, call 772-3322 or 911. The nearest hospitals are in St. George, Cedar City, and Kanab. The Zion Canyon Medical Clinic in Springdale is open during summer months.

### Entrance Fees

All passes can be obtained at the entrance stations.

**Entrance** \$20 per vehicle, good for 7 days.

**Individual** \$10 per person not to exceed \$20 per family (pedestrian, bicycle, motorcycle, and organized group), good for 7 days.

**Annual Pass** \$40, good for one year at Zion National Park only.

**Commercial Tours** Ask for rates.

**Golden Age Passport** \$10 lifetime pass for U.S. citizens 62 or older.

**Golden Eagle Passport** \$65, good for entrance for one year in all federal fee areas.

**National Parks Pass** \$50, good for entrance to all units of the National Park System for one year from date of purchase.

**Golden Access Passport** Free lifetime pass for U.S. citizens who are permanently disabled.

### Picnicking

There are picnic areas at Kolob Canyons Viewpoint, Lava Point, near Zion Nature Center, and at The Grotto. All picnic areas have tables. Drinking water and fire grates are available at The Grotto.

### Driving

■ National park roads are not designed for speed. The maximum speed limit is 35 m.p.h.

■ Watch for animals, especially at dawn and dusk.

■ Never stop in the road. Use established pullouts.

## Pets

Pets must be under physical control on a leash no longer than six feet at all times. They are not allowed on trails, in the backcountry, in public buildings, or on the shuttle. Pets may be walked on the Pa'rus Trail, but be courteous to walkers and bicycle riders. Never leave your pet in a closed vehicle. Temperatures can soar above 120° F (49°C) in minutes. Your pet can quickly die of heatstroke under these conditions. Boarding kennels are available in Rockville, Kanab, St. George, and Cedar City.

## Camping

### Watchman and South Campgrounds

Near the south entrance to the park. Individual campsites are \$14 per site per night or \$7 for holders of Golden Age/Access cards. Sites with electricity are available at Watchman for \$16 per site per night. Campgrounds fill up during the summer. Arrival before noon generally ensures a campsite. Facilities include restrooms, drinking water, picnic tables, fire grates, RV dump stations, and utility sinks. No showers are available. One campground is open year-round. South Campground sites are first-come, first-serve. You may self-register at the campground. Watchman Campground accepts reservations. Reservations may be made by calling (800) 365-2267 or <http://reservations.nps.gov>.

**Group Campsites** Available by reservation to organized groups of 9-40 people for \$3.00 per person; (800) 365-2267 or <http://reservations.nps.gov>. Facilities include restrooms, drinking water, picnic tables, fire grates, and utility sinks. No showers or hookups are available.

**Lava Point** A 6-site primitive campground, no water, no fee. Maximum vehicle size is 19 feet. Open June-November.

**Other Campgrounds** Adjoining the park, private campgrounds with showers and hookups are available in Springdale, Virgin, near the east entrance, Mt Carmel Junction, Kanab, and Cedar City.

## Fires

Fires are permitted only in the fire pits provided at campgrounds and some picnic areas. Bring or purchase your firewood; collecting wood is not permitted. Keep fires small and under control. Make sure fires are dead out and never leave a fire unattended. Fires are not permitted in the backcountry at any time; use a stove to cook.

## Backpacking

Permits are required for all backcountry camping. The cost is \$5 per permit. Maximum group size is 12 people. Permits and hiking information are available at both visitor centers.

## Bicycling

Bicycles are permitted only on established roads and the Pa'rus Trail. Cyclists must obey traffic laws. Bicycles are not allowed on hiking trails or off-trail. Ride defensively; automobile traffic is often heavy, and drivers may be distracted by the scenery. Riding through the Zion-Mt. Carmel tunnel is prohibited. Bicycles must be transported by motor vehicle.

## Climbing

Climbing on Zion's sandstone requires appropriate hardware and techniques. Information on climbing is available at visitor centers. Climbing and rappelling are prohibited on the cliffs above Middle and Lower Emerald Pools and Weeping Rock. Some routes may be closed to climbing when Peregrine Falcons are nesting. A \$5 permit is required for overnight climbs.

## Horseback Riding

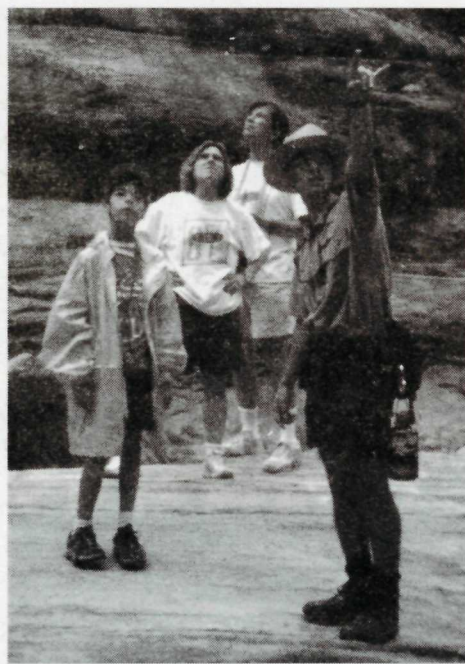
Guided trips are available with Canyon Trail Rides, March through October. Reservations are advised, call (435) 772-3810 or inquire in person at Zion Lodge. Off season call (435) 679-8665. For private stock use, see the *Zion Backcountry Planner*.

## Swimming, Wading, and Boating

Be aware of swift currents, cold water, flash floods, slippery rocks, and submerged logs and boulders. Wear shoes to protect your feet. Swimming and wading are not permitted in the Emerald Pools. Tubing is not permitted in the Virgin River. A permit is required



## Ranger-led Activities



Join a Park Ranger to learn more about Zion National Park. Programs are offered at Zion Canyon and Kolob Canyons. Topics include geology, plants, animals, human history, and more.

All programs are free. Check the schedules posted at visitor centers and bulletin boards throughout the park for times, places, and subjects.

### Shuttle Tours



Two-hour narrated tour on a shuttle bus from the Zion Canyon Visitor Center to the Temple of Sinawava. Obtain free tickets at the Zion Canyon Visitor Center.

### Morning Hikes

Be prepared to walk one to two miles. Wear sturdy footwear and bring a hat, sunglasses, sunscreen, and water.

### Ranger Talks



20-minute talks in the shade of the Ranger Talk Area at the Zion Canyon Visitor Center.

### Afternoon Hikes

Be prepared to walk one to two miles. Wear sturdy footwear and bring a hat, sunglasses, sunscreen, and water.

### Evening Programs



45-minute programs in campground amphitheaters and Zion Lodge.

### Food Service

**Zion Lodge** Castle Dome Cafe and dining room. Dinner reservations are advised: (435) 772-3213. Last evening shuttles leave the lodge at 10:30 and 11:15 p.m.

**Other Food Service** Restaurants are available in Springdale, near the east entrance, Mt. Carmel Junction, Kanab, and Cedar City.

**Groceries** Grocery stores available in Springdale, Kanab, and Cedar City. Convenience store available in Mt. Carmel Junction.

### Lodging

**Zion Lodge** Open year-round. Motel rooms, cabins, and suites available. Zion Lodge also has a gift shop and post office. Reservations recommended: (303) 297-2757 or [www.amfac.com](http://www.amfac.com). Lodge guests with reservations will be mailed a red permit allowing them to drive to the Lodge. To make same day reservations, visit the Zion Lodge information desk in the visitor center or after hours call 772-3213.

**Other Lodging** Available in Springdale, near the east entrance, Mt. Carmel Junction, Kanab, Cedar City, and other nearby communities.

### Worship Services

Offered during summer months, check bulletin boards for times.

**Interdenominational** Zion Lodge and South Campground.

**Church of Jesus Christ of Latter Day Saints** Springdale.

**Roman Catholic** Zion Lodge.

### Lost & Found

Lost items may be reported and found items may be turned in at any visitor center. Found articles not claimed in 60 days may be claimed by the finder.

### More Information

For additional information about Zion National Park, or to make comments or suggestions, write: Superintendent, Zion National Park, Springdale, Utah 84767. Telephone number: (435) 772-3256. [www.nps.gov/zion](http://www.nps.gov/zion)

## Junior Rangers



Hey Kids! Become a Junior Ranger at Zion National Park.

### Nature Center Program

**May 26 to September 1, 2001**

Children 6 to 12 years old may participate in a hands-on Junior Ranger Program at the Zion Nature Center. Junior Rangers learn about Zion NP and their surrounding world through games, activities, hikes, and lessons. *The 6-year old minimum age is strictly enforced.*

### Awards

Participants can earn up to two awards: a certificate/pin and a patch. To earn both, you must attend one session of the Junior Ranger Program at the Nature Center and one other Ranger-led program (guided walk, patio talk, or evening program), or two Junior Ranger sessions. Awards may be collected at the Zion Nature Center from 8:30 a.m. to 11:30 a.m., and from 1:00 p.m. to 4:00 p.m. daily.

### Daily Programs

Two programs are offered daily: 9:00 a.m. to 11:30 a.m., and 1:30 p.m. to 4:00 p.m. Topics range from plants and animals to geology and archeology. The morning and afternoon sessions are different so children may attend both.

### Registration

Sign-up at the Zion Nature Center. Registration is at 8:30 a.m. for the 9:00 a.m. session, and at 1:00 p.m. for the 1:30 p.m. session. There is a one-time, \$2.00 per child fee.

### Zion Nature Center

The Nature Center is near the South Campground entrance. Watch for the Nature Center sign 1/2 mile north of the south park entrance.

### What to Wear

Many of our activities are outdoors. Dress comfortably and wear sturdy, closed-toe shoes; no sandals. Hats are good on hot, sunny days; bring raingear if the weather looks stormy.

### Parents

Please make sure children have eaten before coming to the program. Children must be with their parents between sessions if attending both morning and afternoon programs. Please be prompt dropping off and picking up children.

### Year-Round Program

#### Ages 6 to 12

Children 6 to 12 years old can earn a Junior Ranger badge by completing an activity booklet during their visit. Booklets available at the Zion Canyon and Kolob Canyons Visitor Centers.

#### Ages 5 or Younger

Children 5 years old or younger can earn a Junior Ranger decal by completing an activity sheet available at the Zion Canyon Visitor Center.

The Zion Natural History Association provides additional funding for this program.



# Preserving Your Park

## Keep Wildlife Wild

Part of the wonder and beauty of national parks is the wildlife. Please respect them and keep them wild.

**Feeding** Human foods are not healthy for wildlife. Feeding wild animals is illegal and can cause injury or death to the animal. Wild animals, even those that appear tame, are unpredictable. Deer may kick and jab with their antlers and rodents often bite.

**A Safe Distance** If an animal moves away from you or changes its behavior, you are too close. Use binoculars and telephoto lenses to enjoy wildlife. Keep your distance; do not approach animals for a closer look or a photograph.

**Abandoned Animals** Wildlife are not abandoned by their parents. Young animals are often left in a safe place while the parent feeds. Several hours later the adult returns. If you find a young animal, please leave it alone; the parent will come back. If you find a young bird, do not move it. More than likely the parents will continue to feed it.

**Mountain Lion Habitat** Mountain lions are wild animals and can be dangerous. Zion National Park has never had a reported attack on people or pets. However, mountain lion attacks have occurred in other areas. These recommendations are offered for your safety:

- Watch children closely, and never let them run ahead or lag behind.
  - Solo hiking or jogging is not recommended.
  - Never approach a mountain lion.
  - Most will try to avoid a confrontation. Always give them a way to escape.
  - If a mountain lion approaches, wave your arms, shout, and throw rocks or sticks at it.
  - **Do not run!** Try to look large. Put your arms up.
  - If attacked, fight back.
- Please report any mountain lion sightings to a park ranger as soon as possible.



*Igniting a prescribed burn in Lee Valley, April 2000.*

## Native Plant Restoration

Over 100 species of plants growing in Zion National Park did not occur here until European settlement in the mid 1800s. Resource managers are actively removing the most invasive non-native species. Additionally, through a generous grant from the National Park Foundation and Canon USA, Inc., the park has built a greenhouse and nursery where native plants are grown for restoration projects. Campers in Watchman Campground loops A and B will notice areas of new plantings. Please help us in this restoration by walking only on designated paths.

## Peregrine Falcon

The park is home to at least 15 pairs of the rare Peregrine Falcon. This bird was nearly extinct in the 1970s because of pesticide use. Zion, with its towering sandstone cliffs, provides perfect refuge for this bird. Through continued conservation efforts, including closing nesting cliffs to recreational climbing, this species thrives here. Look for them soaring overhead.

## Managing Wildland Fire

Fires have burned on the plateaus above Zion Canyon for centuries. Ponderosa pine forests are naturally sustained by fires started by lightning. All fires were considered destructive until recently and were put out, changing the forest ecosystem. Managers now use fire as a tool, treating almost 10,000 acres since 1991. All fires are closely managed to learn more about their ecological significance and to insure visitor safety. Please report new fires to a park employee or interagency fire dispatch: (435) 586-2339.

## Virgin River Habitat Restoration

Along the Zion Canyon Scenic Drive, wire cages are visible near the Virgin River. Natural riparian vegetation, such as willows and young cottonwoods, is lacking along much of the river. To restore this habitat, the park has planted willows and cottonwoods. The cages protect the plants from wildlife who feed on the fresh young shoots. After the plantings reach a sustainable size, the cages will be removed.

## You the Researcher

You can help monitor the health of the park by reporting natural history field observations. Sightings of bighorn sheep, owls, falcons, mountain lions, bobcats, ringtails, bears, and anything unusual are especially important. Observation cards for documenting your sightings are available at visitor centers. Please be as complete and accurate as possible. Cards may be turned in at visitor centers or to any park employee.

## Echoes of the Past

Potsherds, petroglyphs, and pioneer cabins are all evidence of past human settlement in Zion. From 1000 year-old Ancestral Puebloan sites to 1930s Civilian Conservation Corps structures, Zion preserves a rich diversity of cultural heritage.

Strict federal laws protect cultural objects. If you are fortunate enough to discover a historic site, please be careful. Do not disturb the site in any way; even touching ancient objects can destroy their informational value. The location of the object is as important as the object itself. Please report your discovery to a park ranger.

## Entrance Fees at Work

Under new legislation, 80% of your entrance fee stays right here in Zion National Park. Revenues are used to address backlogged maintenance and resource protection projects. Projects underway include Watchman Campground rehabilitation, backcountry trail repairs, exhibits for the new Zion Museum, and rehabilitation of the Zion Nature Center. In addition, a portion of the fee revenue is used to operate the Zion Canyon Transportation System designed to reduce vehicle congestion in Zion Canyon.

**UserFee**

improves this park

Look for this symbol to see your entrance fees at work.



## Hiking and Canyoneering

Hiking in canyons, even short hikes, requires advance planning. Many hikes involve walking in water, and the rivers and creeks are subject to flash flooding. River flows vary greatly depending on time of year and weather conditions. Check the National Weather Service forecast before entering any canyon; posted daily in visitor centers. See the *Zion Backcountry Planner* for additional information.

### Permits

Permits are required for all overnights, through hikes of the Narrows and tributaries, Left Fork of North Creek (the Subway), Kolob Creek, and all canyons requiring the use of technical equipment. Subway permits may be reserved up to one month in advance; call (435) 772-0170 between 1-5 p.m. Permits are issued at visitor centers beginning at 8 a.m. the day before your hike. Cost: \$5 per permit.

### Group Size

The maximum group size is 12 people of the same affiliation on

the same trail or in the same drainage on the same day.

### Be Prepared

All narrow canyons are potentially hazardous. Flash floods, cold water, and strong currents present real dangers that can be life-threatening. Your safety depends on your own good judgement, adequate preparation, and constant attention. **By entering a narrow canyon, you are assuming a risk. Your safety is your responsibility.**

### Zion Narrows

Weather and water conditions permitting, there are three ways to hike the Zion Narrows:

**Short Day-hike** Continue upstream beyond the end of the Riverside Walk. 1 to 5 hours, round trip. No permit required.

**Through Day-hike** Hike downstream from Chamberlain's Ranch. This long all-day hike requires a shuttle to the trailhead and a \$5 permit.

**Overnight Hike** Hike downstream from Chamberlain's Ranch. This two-day hike requires a shuttle to

the trailhead and a \$5 permit. Maximum stay is one night. Fires are not allowed.

### Zion Narrows Checklist

- Obtain *weather and flash flood potential forecasts* before starting your trip.
- Wear *sturdy boots* or shoes with ankle support.
- Take a *walking stick*. Do not cut tree branches for sticks.
- Children *under 4'8" tall should not hike in the river* due to strong currents and deep pools.
- Carry out all trash: food wrappers, apple cores, fruit peels, tissue paper—everything you carried in.
- Carry one gallon of *drinking water* per person for a full-day hike, food, sunglasses, sunscreen, and first aid kit.
- Take a *sweater or windbreaker*. The Narrows is much cooler than Zion Canyon.
- Pack gear in waterproof bags.
- Use the restroom at the Riverside Walk Trailhead before hiking. There are no toilets in The Narrows.



*Hidden Canyon Trail*

## Emerald Pools Trails

This series of pools and waterfalls may be accessed by three different routes. These trails, as well as a short trail to the upper pool, connect and can be combined as a loop. There is always a small waterfall at the lower pool. If it rains, or if snow is melting, there may be larger waterfalls at both the upper and lower pools.

Swimming, wading, and bathing are prohibited in all of the pools to protect the aquatic wildlife and to return the water to its original emerald color.

The trails may be closed at times during the winter because of ice on the trails or ice falling from above.

**Lower Emerald Pool Trail** Easy, .6 mile one-way, 69 foot ascent. Paved trail to the pool, then goes behind the waterfalls that cascade from the Middle Pools into the Lower Pool.

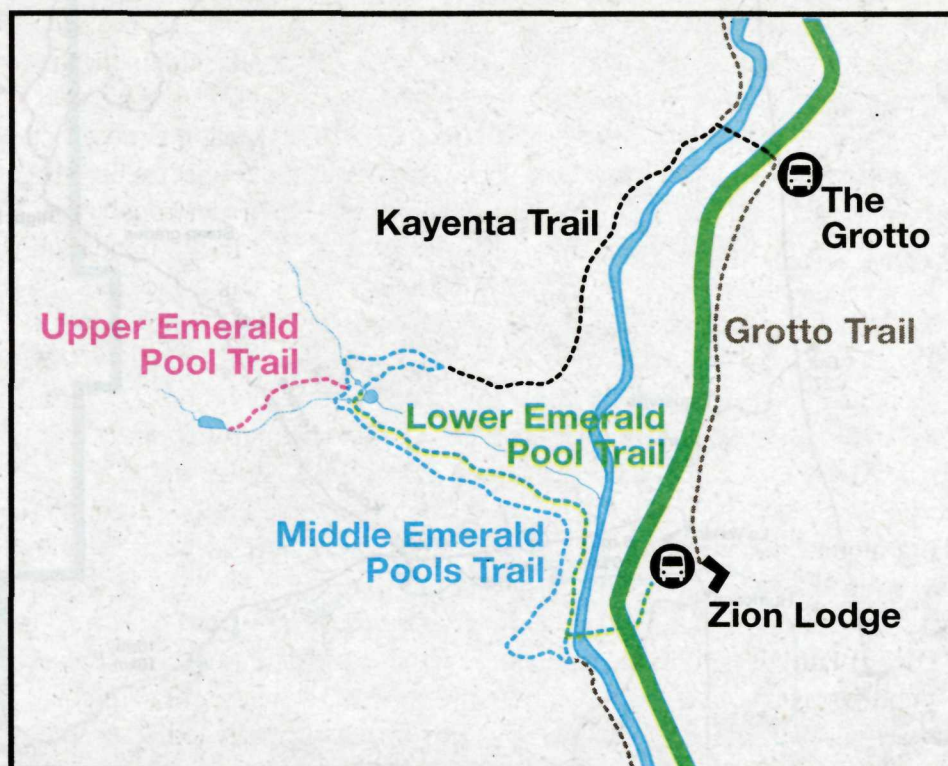
### Middle Emerald Pools Trail

Moderate, 1 mile one-way, 150 foot ascent. Unpaved climb to a sandstone ledge that parallels the lower trail but at a higher level. Connects to lower pools trail to form a 1.6 mile loop. Do not go near the edge. Deaths have occurred from falling from the middle pools.

**Upper Emerald Pool Trail** Moderate, .3 mile from Middle Pool Trail one-way, 200 foot ascent. A sandy, rocky trail climbs to the base of the cliff.

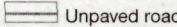
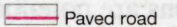
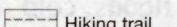
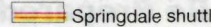
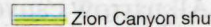
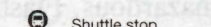
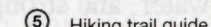
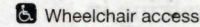
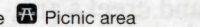
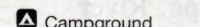
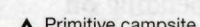
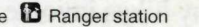
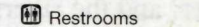
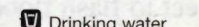
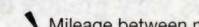
**Kayenta Trail** Moderate, 1 mile one-way, 150 foot ascent. Unpaved climb to a sandstone ledge, connects The Grotto Picnic Area to the Emerald Pools.

**Grotto Trail** Easy, .5 mile one-way, level. Trail connects Zion Lodge to The Grotto Picnic Area. Can be linked with Emerald Pools and Kayenta Trails allowing a 3 mile loop hike.

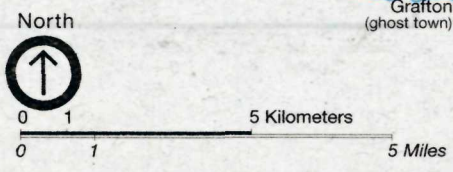
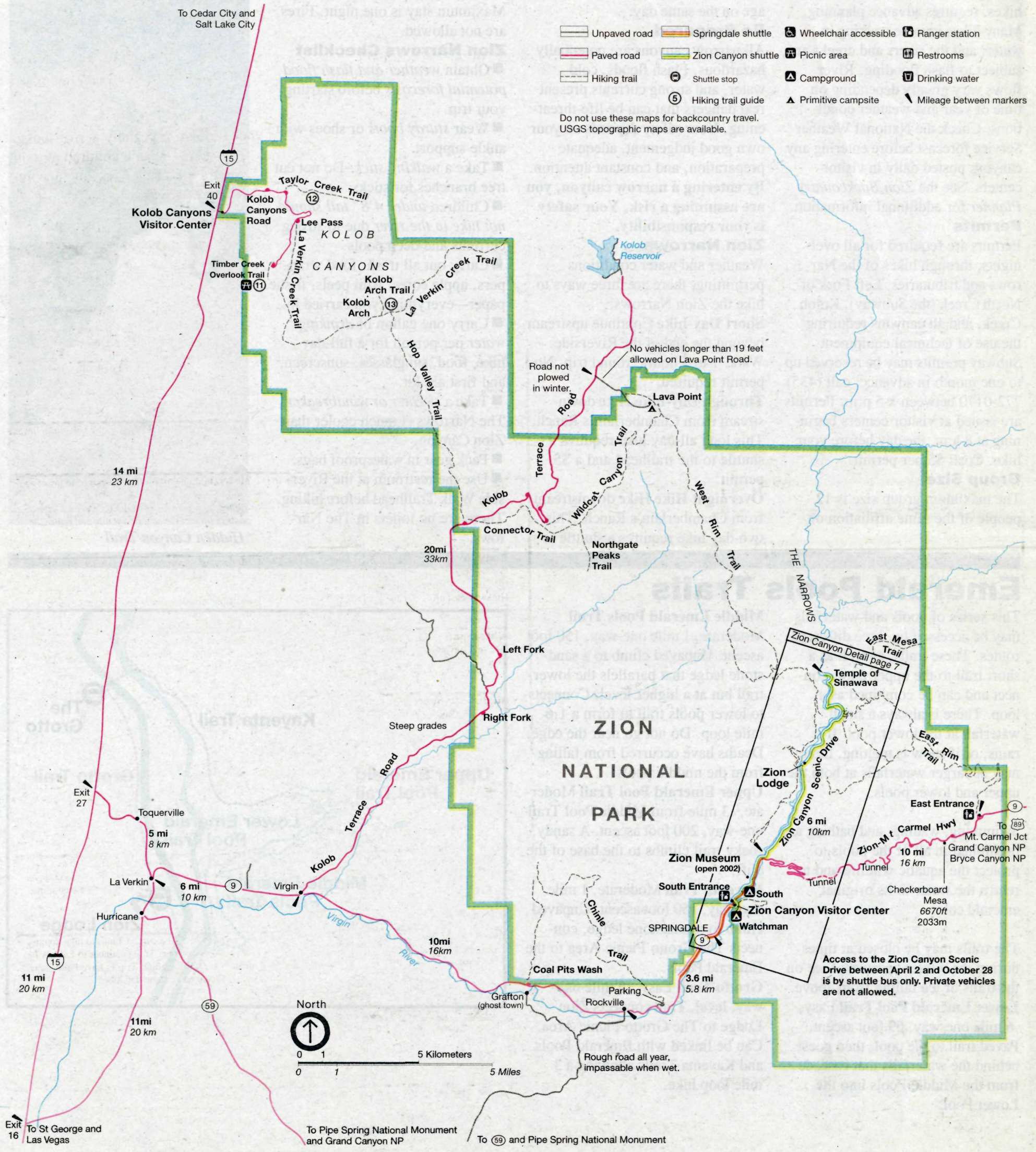




# Zion National Park

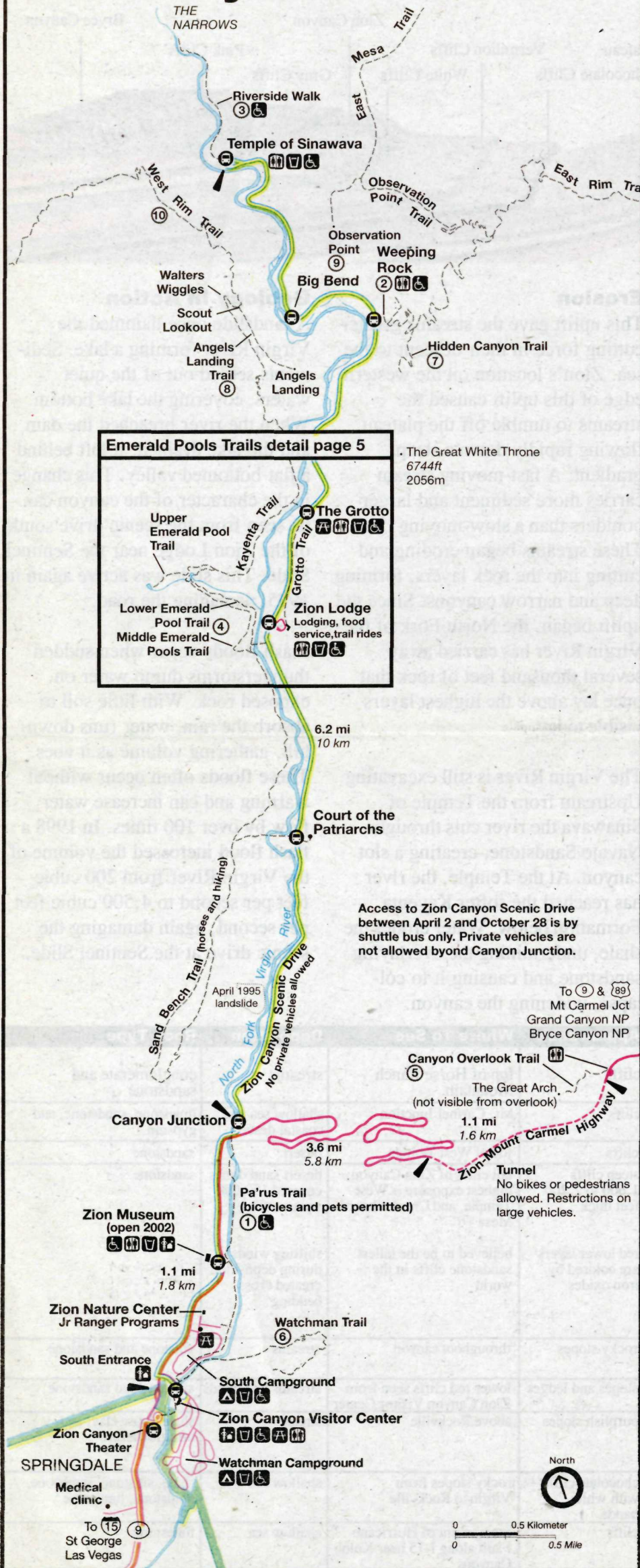
-  Unpaved road
-  Paved road
-  Hiking trail
-  Springdale shuttle
-  Zion Canyon shuttle
-  Shuttle stop
-  Hiking trail guide
-  Wheelchair accessible
-  Picnic area
-  Campground
-  Primitive campsite
-  Ranger station
-  Restrooms
-  Drinking water
-  Mileage between markers

Do not use these maps for backcountry travel. USGS topographic maps are available.





# Zion Canyon Detail



# Trail Guide

## Use the Shuttle to Access Trailheads

Access to trailheads along the Zion Canyon Scenic Drive is by shuttle only. *Private vehicles are not allowed.* Shuttles depart early morning from Springdale and the Zion Canyon Visitor Center and run late into the evening. Check page 12 for schedule. Plan your hike so you do not miss the shuttle.

## For Your Safety

Stay on established trails and watch your footing, especially at overlooks and near drop-offs. Always stay back from edges. Watch children closely. People uncertain about heights should turn around if they become uncomfortable. Never throw or roll rocks; there may be hikers below.

| Trail Shuttle Stop/Trailhead  | Round Trip (mi/km) | Ascent (avg. time) (ft/m) | Description   |
|---|--------------------|---------------------------|---|
| <b>Zion Canyon</b>  |                    |                           |   |
| <b>Pa'rus Trail</b><br>① Zion Canyon Visitor Center & Canyon Junction   | 3.5/5.6            | 1-1/2 hrs.                | 50/15<br>Easy Paved trail follows the Virgin River from the South Campground to the Zion Canyon junction.   |
| <b>Weeping Rock</b><br>② Weeping Rock                                   | 0.5/0.8            | 1/2 hour                  | 98/30<br>Short but steep Minor drop-offs. Paved trail ends at a rock alcove with dripping springs. Hanging gardens of wildflowers decorate the walls in spring and summer. Trailside exhibits.                                    |
| <b>Riverside Walk</b><br>③ Temple of Sinawava                           | 2.0/3.3            | 1-1/2 hrs.                | 57/17<br>Easy Minor drop-offs. Paved trail follows the Virgin River along the bottom of a narrow canyon. Hanging gardens of wildflowers in spring and summer. Trailside exhibits.   |
| <b>Lower Emerald Pools</b><br>④ Zion Lodge                              | 1.2/1.9            | 1 hour                    | 69/21<br>Easy Minor drop-offs. Paved trail takes you to lower pool and small waterfalls.  |
| <b>Middle Emerald Pools</b><br>④ Zion Lodge                             | 2.0/3.3            | 2 hours                   | 150/46<br>Moderate Long drop-offs. Loop trail to lower and middle pools.<br><i>Swimming, wading, and bathing is prohibited in all pools to protect the aquatic wildlife and return the water to its original emerald color.</i>   |
| <b>Canyon Overlook</b><br>⑤ Zion-Mt. Carmel Highway-east of long tunnel | 1.0/1.6            | 1 hour                    | 163/50<br>Moderate Long drop-offs, mostly fenced. Rocky, uneven trail ends at spectacular viewpoint of lower Zion Canyon and Pine Creek Canyon. Guidebooks available at visitor center and trailhead. Can be hot by late morning. |
| <b>Watchman</b><br>⑥ Zion Canyon Visitor Center                         | 2.0/3.3            | 2 hours                   | 368/112<br>Moderate Minor drop-offs. Recommended for early and late in the day due to heat. Ends at viewpoint of lower Zion Canyon, Oak Creek Canyon, and town of Springdale.   |
| <b>Hidden Canyon</b><br>⑦ Weeping Rock                                  | 2.0/3.2            | 3 hours                   | 850/259<br>Moderate Long drop-offs. Not for anyone fearful of heights. Ends at mouth of narrow side canyon.   |
| <b>Angels Landing</b><br>⑧ The Grotto                                   | 5.0/8.6            | 4 hours                   | 1488/453<br>Strenuous Long drop-offs and narrow trail. Not for anyone fearful of heights. Ends at summit high above Zion Canyon. Last 0.5 mi (0.8 km) follows a steep, narrow ridge; chains have been added.                      |
| <b>Observation Point</b><br>⑨ Weeping Rock                              | 8.0/12.0           | 5 hours                   | 2148/655<br>Strenuous Climbs through Echo Canyon to Observation Point. Excellent views of Zion Canyon. Trail gives access to other East Rim plateau trails: Cable Mountain and Deertrap Mountain.                                 |
| <b>Lower West Rim to Cabin Spring</b><br>⑩ The Grotto                   | 10/17.2            | 8 hours                   | 2640/880<br>Strenuous Long drop-offs. Climbs to high-country viewpoint of canyons. Trail continues to Lava Point, an alternate starting point. Trip to Lava Point should not be attempted as a one-day hike.                      |
| <b>Kolob Canyons</b>  |                    |                           |   |
| <b>Timber Creek Overlook</b><br>⑪ Kolob Canyons picnic area             | 1.0/1.6            | 1/2 hour                  | 100/30<br>Easy Follow ridge top to small peak which offers views of Timber Creek, Kolob Terrace and Pine Valley Mountains.  |
| <b>Taylor Creek</b><br>⑫ 2 miles east of Kolob Canyons Visitor Center   | 5.0/8.6            | 4 hours                   | 450/137<br>Moderate No drop-offs. Follows the Middle Fork of Taylor Creek past two homestead cabins to Double Arch Alcove.  |
| <b>Kolob Arch</b><br>⑬ Lee Pass   | 14/22              | 8 hours                   | 699/213<br>Strenuous No drop-offs. Follows Timber and LaVerkin Creeks and ends at Kolob Arch, possibly the world's largest freestanding arch. Descent   |



# The Geology of Zion

Zion National Park is a showcase of geology. Geologic processes have played an important role in shaping Zion. The arid climate and sparse vegetation allow the exposure of large expanses of bare rock and reveal the park's geologic history.

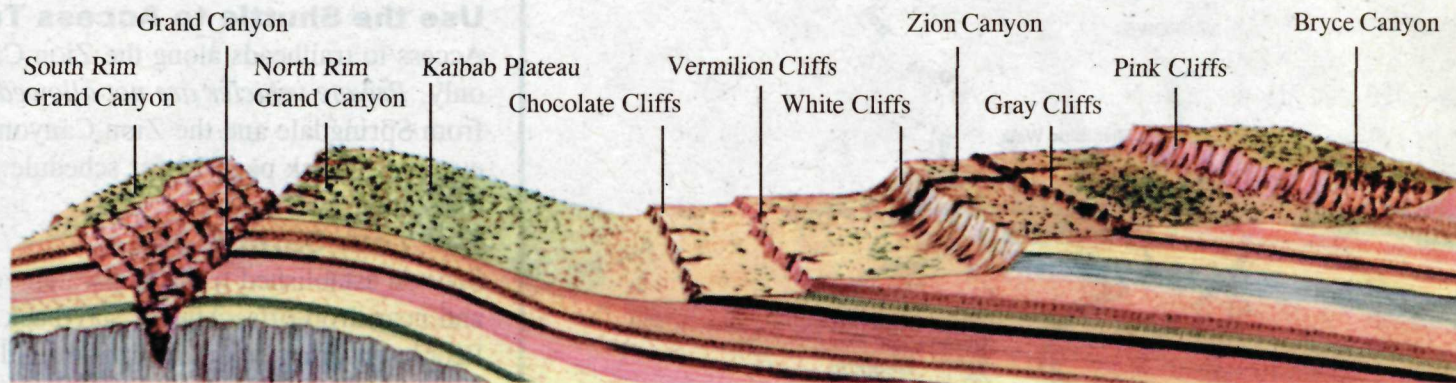
Zion is located along the edge of a region called the Colorado Plateau. The rock layers have been uplifted, tilted, and eroded, forming a feature called the Grand Staircase, a series of colorful cliffs stretching between Bryce Canyon and the Grand Canyon. The bottom layer of rock at Bryce Canyon is the top layer at Zion, and the bottom layer at Zion is the top layer at the Grand Canyon.

## Sedimentation

Zion was a relatively flat basin near sea level 275 million years ago. As sands, gravels, and muds eroded from surrounding mountains, streams carried these materials into the basin and deposited them in layers. The sheer weight of these accumulated layers caused the basin to sink, so that the top surface always remained near sea level. As the land rose and fell and as the climate changed, the depositional environment fluctuated from shallow seas to coastal plains to a desert of massive windblown sand. This process of sedimentation continued until over 10,000 feet of material accumulated.

## Lithification

Mineral-laden waters slowly filtered through the compacted sediments. Iron oxide, calcium carbonate, and silica acted as cementing agents, and with pressure from overlying layers over long periods of time, transformed the deposits into stone. Ancient seabeds became limestone; mud and clay became mudstones and shale; and desert sand became sandstone. Each layer originated from a distinct source and so differs in thickness, mineral content, color, and eroded appearance.



The Grand Staircase



The Colorado Plateau

## Uplift

In an area from Zion to the Rocky Mountains, forces deep within the earth started to push the surface up. This was not chaotic uplift, but very slow vertical hoisting of huge blocks of the crust. Zion's elevation rose from near sea level to as high as 10,000 feet above sea level.

Uplift is still occurring. In 1992 a magnitude 5.8 earthquake caused a landslide visible just outside the south entrance of the park in Springdale.

## Erosion

This uplift gave the streams greater cutting force in their descent to the sea. Zion's location on the western edge of this uplift caused the streams to tumble off the plateau, flowing rapidly down a steep gradient. A fast-moving stream carries more sediment and larger boulders than a slow-moving river. These streams began eroding and cutting into the rock layers, forming deep and narrow canyons. Since the uplift began, the North Fork of the Virgin River has carried away several thousand feet of rock that once lay above the highest layers visible today.

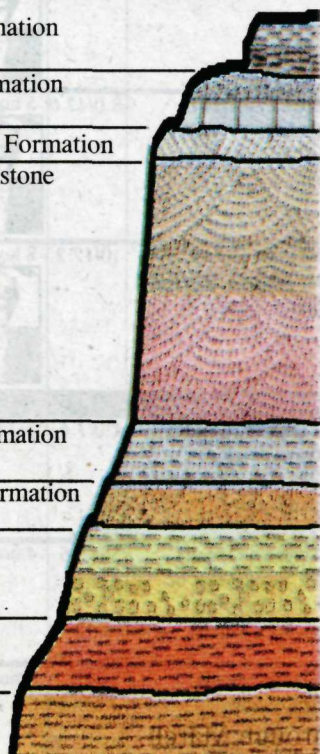
The Virgin River is still excavating. Upstream from the Temple of Sinawava the river cuts through Navajo Sandstone, creating a slot canyon. At the Temple, the river has reached the softer Kayenta Formation below. Water erodes the shale, undermining the overlying sandstone and causing it to collapse, widening the canyon.

## Geology In Action

A landslide once dammed the Virgin River forming a lake. Sediments settled out of the quiet waters, covering the lake bottom. When the river breached the dam and the lake drained, it left behind a flat-bottomed valley. This change in the character of the canyon can be seen from the scenic drive south of the Zion Lodge near the Sentinel Slide. This slide was active again in 1995, damaging the road.

Flash floods occur when sudden thunderstorms dump water on exposed rock. With little soil to absorb the rain, water runs downhill, gathering volume as it goes. These floods often occur without warning and can increase water flow by over 100 times. In 1998 a flash flood increased the volume of the Virgin River from 200 cubic feet per second to 4,500 cubic feet per second, again damaging the scenic drive at the Sentinel Slide.

| Rock Layer           | Appearance                                  | Where To See   | Deposition   | Rock Type  |
|----------------------|---|--|--|--|
| Dakota Formation     | cliffs                                      | top of Horse Ranch Mountain  | streams  | conglomerate and sandstone                       |
| Carmel Formation     | cliffs                                      | Mt. Carmel Junction  | shallow sea and coastal desert                         | limestone, sandstone, and gypsum                 |
| Temple Cap Formation | cliffs                                      | top of West Temple   | desert   | sandstone  |
| Navajo Sandstone     | steep cliffs 1,600 to 2,200 feet thick      | tall cliffs of Zion Canyon; highest exposure is West Temple, and Checkerboard Mesa | desert sand dunes covered 150,000 square miles         | sandstone  |
| Kayenta Formation    | red lower layers are colored by iron oxides | believed to be the tallest sandstone cliffs in the world                           | shifting winds during deposition created cross-bedding |  |
| Kayenta Formation    | rocky slopes                                | throughout canyon  | streams  | siltstone and sandstone                          |
| Moenave Formation    | slopes and ledges                           | lower red cliffs seen from Zion Canyon Visitor Center                              | streams and ponds                                      | siltstone and sandstone                          |
| Chinle Formation     | purplish slopes                             | above Rockville  | streams  | shale, loose clay, and conglomerate              |
| Moenkopi Formation   | chocolate cliffs with white bands           | rocky slopes from Virgin to Rockville  | shallow sea  | shale, siltstone, sandstone, mudstone, limestone |
| Kaibab Formation     | cliffs                                      | escarpment of Hurricane Fault along I-15 near Kolob Canyons                        | shallow sea  | limestone  |





## Park Profile

**Established** 1909 as Mukuntuweap National Monument; expanded in 1919 as Zion National Park. Kolob section added in 1937. **Significance** Established to preserve and protect aesthetic and scientific values:

- Zion features stunning scenery found nowhere else on earth.
- Zion is a geologic showpiece with sandstone cliffs among the highest in the world.
- Zion features one of the last mostly free-flowing river systems on the Colorado Plateau.
- Zion features a large, diverse plant and animal community.
- Zion features evidence of human occupation both historic and prehistoric, including excellent examples of Civilian Conservation Corps work.

**Size** 229 square miles (147,551 acres).

**Elevation** Lowest: 3,666 ft (1,128 m), Coalpits Wash in the southwest corner. Highest 8,726 ft (2,660 m), Horse Ranch Mountain in the Kolob Canyons section.

**Precipitation** Average: 15 inches.

**Name** Zion, a Hebrew word referring to a place of safety or refuge, given to this canyon by Mormon pioneers in the 1860s. Kolob, in Mormon theology, is a heavenly place close to God.

**Human History** Evidence of Ancestral Puebloans, formerly known as the Anasazi, date from about 2,000 years ago; Paiutes from about 800 years ago to present. Mormon settlers arrived in the 1860s. Park visitation in 1920 was 3,692; in 1996 it reached 2.5 million.

**Plant Life** Richest diversity of plants in Utah--almost 800 native species. Differences in elevation, sunlight, water, and temperature create "microenvironments," like hanging gardens, forested side canyons, and isolated mesas that lend to this diversity.

**Animal Life** 75 species of mammals, 271 birds, 32 reptiles and amphibians, 8 fish. Commonly seen animals include mule deer, rock squirrels, lizards, and many species of birds. Rare or endangered species include the Peregrine Falcon, Mexican Spotted Owl, Southwest Willow Flycatcher, desert tortoise, and the Zion snail, found nowhere else on earth.



© 1999 Zuckery Zdmak

*Porcupine, a common resident.*

## Weather and Climate

| Month                         | J   | F   | M   | A   | M   | J   | J   | A   | S   | O   | N   | D   |
|-------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| <b>Temperature (°F)</b>       |     |     |     |     |     |     |     |     |     |     |     |     |
| normal daily max              | 52  | 57  | 63  | 73  | 83  | 93  | 100 | 97  | 91  | 78  | 63  | 53  |
| normal daily min              | 29  | 31  | 36  | 43  | 52  | 60  | 68  | 66  | 60  | 49  | 37  | 30  |
| extreme high                  | 71  | 78  | 86  | 94  | 102 | 114 | 115 | 111 | 110 | 97  | 83  | 71  |
| extreme low                   | -2  | 4   | 12  | 23  | 22  | 40  | 51  | 50  | 33  | 23  | 13  | 6   |
| days above 90°F               | 0   | 0   | 0   | 1   | 8   | 21  | 30  | 28  | 18  | 3   | 0   | 0   |
| days below 32°F               | 19  | 14  | 10  | 3   | 0   | 0   | 0   | 0   | 0   | 1   | 9   | 18  |
| <b>Precipitation (inches)</b> |     |     |     |     |     |     |     |     |     |     |     |     |
| normal (15"/year)             | 1.6 | 1.6 | 1.7 | 1.3 | 0.7 | 0.6 | 0.8 | 1.6 | 0.8 | 1.0 | 1.2 | 1.5 |
| maximum                       | 7.5 | 6.7 | 7.1 | 4.4 | 3.0 | 4.0 | 3.6 | 4.8 | 6.7 | 3.3 | 3.2 | 4.3 |
| max 24 hour                   | 1.6 | 1.3 | 0.9 | 1.2 | 1.8 | 2.2 | 1.1 | 1.6 | 1.4 | 1.3 | 1.3 | 2.0 |
| maximum snowfall              | 26  | 18  | 14  | 3   | T   | 0   | 0   | 0   | T   | 1   | 5   | 21  |
| days w/precipitation          | 7   | 7   | 8   | 6   | 5   | 3   | 5   | 6   | 4   | 4   | 5   | 6   |
| no. thunderstorms             | 0   | 0   | 0   | 1   | 4   | 5   | 14  | 15  | 5   | 2   | 0   | 0   |

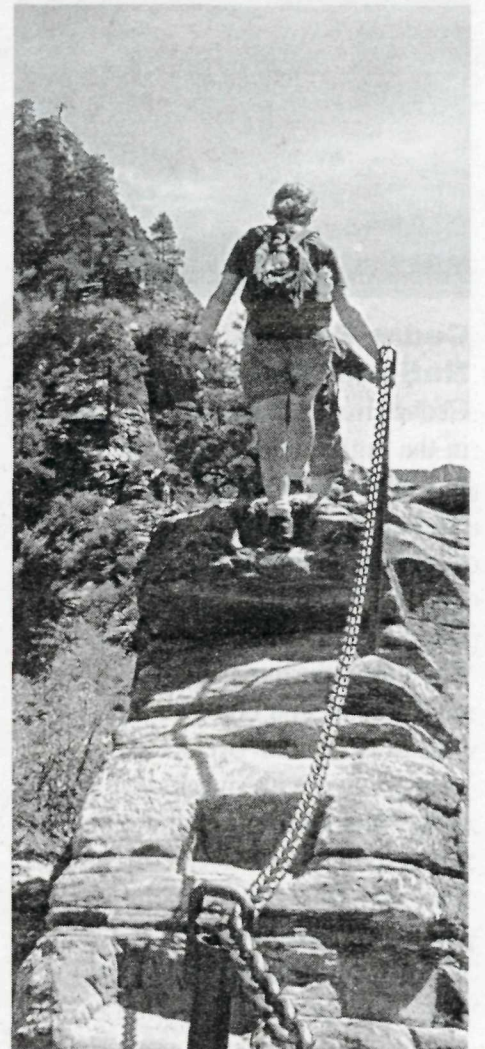
Be prepared for a wide range of weather conditions. Temperatures vary with changes in elevation and day/night temperatures may differ by over 30°F.

Spring weather is very unpredictable. Stormy, wet days are common, but warm, sunny weather may occur too. Precipitation peaks in March. Spring wildflowers bloom from April through June, peaking in May.

Summer days are hot (95-110°F), but overnight lows are usually comfortable (65-70°F). Afternoon thunderstorms are common from mid-July through mid-September. Storms may produce waterfalls as well as flash floods.

Fall days are usually clear and mild; nights are often cool. Autumn color displays begin in September in the high country. Colors in Zion Canyon usually peak in late October.

Winters in Zion Canyon are fairly mild. Winter storms bring rain or light snow to Zion Canyon, but heavier snow to the higher elevations. Clear days may become quite warm, reaching 60°F; nights are often in the 20s and 30s. Winter storms can last several days and cause roads to be icy. Zion roads are plowed, except the Kolob Terrace road, which is closed in winter. Be prepared for winter driving conditions from November through March.



*The route on Angels Landing.*



# Traveling In The Area

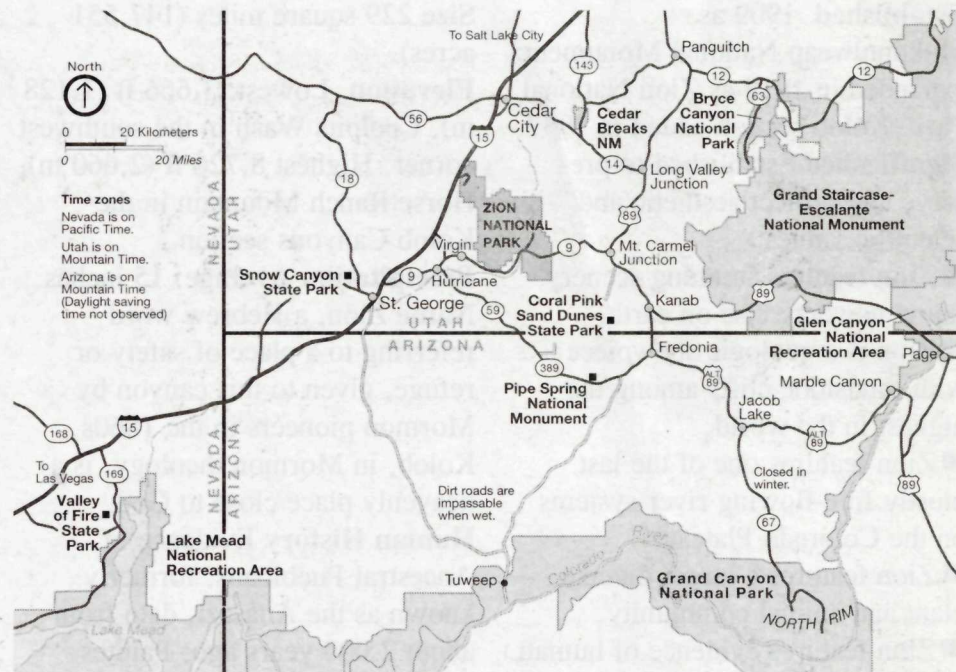
Zion National Park is part of the Southwest's "Grand Circle" of national parks, monuments, historic areas, and recreation areas—one of the world's great concentrations of outstanding natural and cultural features. Even though these areas seem close, do not try to visit too many in a short period. Allow plenty of time for each and plan return trips if you miss some this time around.

Utah's 13 National Park Service areas comprise a small part of the public land in the state. The Bureau of Land Management and U.S. Forest Service manage large areas including some strikingly beautiful and some very remote places. In addition, the state of Utah administers 44 state parks.

You can get more information on traveling in the area at the information desks in the park visitor centers. The nearby towns of Kanab, St. George, and Cedar City have offices for some or all of these other land management agencies. They also have travel councils and chambers of commerce.

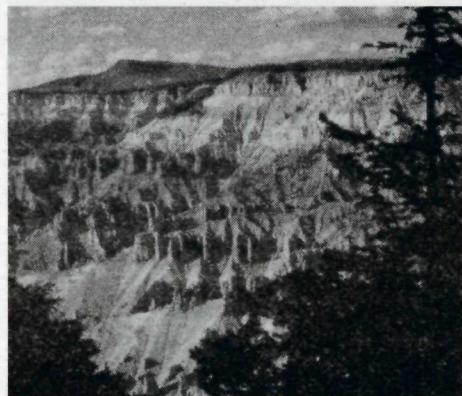
### Travel Information

Utah Travel Council (801) 538-1030, [www.utah.com](http://www.utah.com)  
 Utah State Parks and Recreation (801) 538-7220, [www.nr.state.ut.us/](http://www.nr.state.ut.us/)  
 National Park Service [www.nps.gov](http://www.nps.gov)  
 Bureau of Land Management [www.blm.gov](http://www.blm.gov)  
 U.S. Forest Service [www.fs.fed.us](http://www.fs.fed.us)  
 National Weather Service [www.nws.noaa.gov](http://www.nws.noaa.gov)



### Area Mileages

|  |                    |     |
|--|--------------------|-----|
| One-way from Zion Canyon Visitor Center. | <b>East Bound</b>  |     |
|  | Kanab, UT          | 41  |
| <b>West Bound</b>                        | Page, AZ           | 125 |
| St. George, UT                           | Albuquerque, NM    | 500 |
| Las Vegas, NV                            | <b>North Bound</b> |     |
| Death Valley, CA                         | Bryce Canyon       | 86  |
| <b>South Bound</b>                       | Salt Lake City, UT | 325 |
| Grand Canyon North Rim                   | Moab, UT           | 333 |
| Grand Canyon South Rim                   |                    |     |
| Flagstaff, AZ                            |                    | 243 |



### Cedar Breaks National Monument

Cedar Breaks National Monument, in the high country north of Zion, is a mixture of alpine and canyon country splendors. A multicolored limestone amphitheater, with spires, "hoodoos," and etched ridgelines is the primary feature. The amphitheater is rimmed by cool forests and colorful alpine meadows. Cedar Breaks has a scenic drive with overlooks, hiking trails, picnicking, camping, ranger-led activities, and a visitor center. The road through Cedar Breaks is closed because of heavy snow October or November through May. For more information call (435) 586-0787. [www.nps.gov/cebr](http://www.nps.gov/cebr)



### Pipe Spring National Monument

Pipe Spring National Monument is rich with American Indian, early explorer, and western pioneer history. In the 1870s, Mormon pioneers built a fort on the site, "Winsor Castle," laying claim to one of the few perennial springs on the Arizona Strip. The visitor center, tours of Winsor Castle, living history demonstrations, garden and orchard, and a half-mile trail offer a glimpse into Indian and pioneer life in the Old West. A bookstore operated by the Zion Natural History Association, and a campground operated by the Kaibab Paiute Tribe are nearby. For more information call (520) 643-7105. [www.nps.gov/pisp](http://www.nps.gov/pisp)



### Grand Staircase-Escalante National Monument

This rugged landscape of sheer cliffs and towering mesas, winding canyon labyrinths, and slickrock plateaus, was established by Presidential Proclamation in September of 1996. The monument showcases all the elements of a large, relatively undisturbed Colorado Plateau ecosystem. Many areas are remote and roads are sometimes impassible. Few facilities exist. Before venturing into the interior areas, contact one of the following offices for current information: (435) 644-4600 (Kanab) or 826-5499 (Escalante Interagency Visitor Center). [www.blm.gov/utah/](http://www.blm.gov/utah/)



### Bryce Canyon National Park

Erosion has shaped a colorful amphitheater of "hoodoos," unique formations whimsically arranged and tinted with colors too numerous and subtle to name. A voluntary shuttle system operates between May 15 and September 30 from 7 a.m. until dark every day. Leave your vehicle at the shuttle parking and boarding area at the junction of Highways 12 and 63 to board a bus. Three shuttle routes go to viewpoints and trailheads. There is a price incentive for those who use the shuttle. For detailed shuttle information, tune your radio to 1610 AM as you approach the park. For more information call (435) 834-5322. [www.nps.gov/brca](http://www.nps.gov/brca)



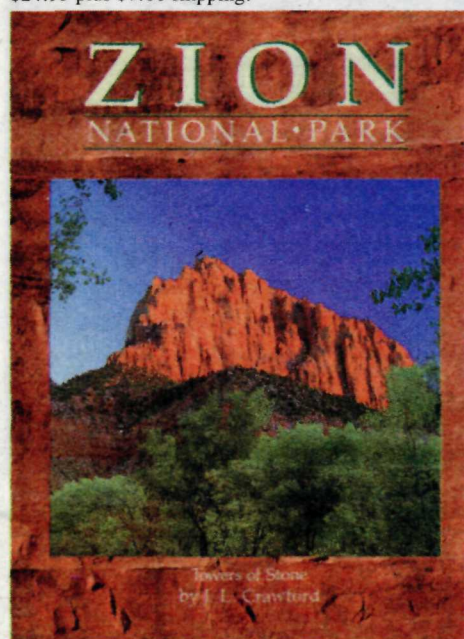
# Zion Natural History Association

Zion National Park, Springdale, Utah 84767 435 772-3264 www.zionpark.org

## Zion National Park

### Zion Trip Planning Package

This package answers questions most often asked by people planning a trip to Zion National Park. Includes: *Zion, Towers Of Stone; Zion, The Trails; The Utah Guide*. Complete set (\$38.25 value) \$24.95 plus \$7.00 shipping.\*



### Towers of Stone

J.L. Crawford. Revised. An excellent general-work that summarizes the essence of Zion, its landscape, plants, animals and people. \$9.50. German \$10.95 French \$10.95\*

### Kolob Canyons, Zion National Park

Nicky Leach. Explore the northwestern part of Zion in this colorful and informative booklet on Kolob Canyons. \$7.95\*

### Jigsaw Puzzles

Walters Wiggles, 12"x36", 500 pieces.  
Watchman Panoramic, 12"x36", 500 pieces.  
The Narrows, 18"x24", over 500 pieces.  
Canyon Overlook, 18"x24", over 500 pieces. All puzzles \$10.99

### Cedar Breaks

#### National Monument

**Cedar Breaks National Monument**  
Nicky Leach. Fabulous color photos that show Cedar Breaks at its best, with information on the geology, wildlife, flora and history. \$7.95

#### Cedar Breaks For Kids

Kittelson and Connor. An informative coloring and activities book. \$2.00

#### Alpine Pond Trail Guide

Full color folder of one of Cedar Breaks' many popular trails. Revised 1988. \$.50\*

#### Maps and Guides

##### Exploring the Backcountry of Zion National Park, Off-trail Routes

Thomas Brereton and James Dunaway. In-depth route descriptions of Zion National Park's backcountry. \$7.50\*

##### Zion, The Trails

Compiled by Bob Lineback. Informative, handy trail guide to Zion National Park's most popular trails. CNPCA Award of Excellence in Publications \$4.95\*

##### Canyon Overlook Trail Guide

Kathleen Picarelli. An illustrated nature guide to the Canyon Overlook Trail. \$1.00\*

### Zion Topographic Map

Revised in 1988. Scale 1:37,700 39"x25" detailed trail map of Zion with backcountry and hiking information, folded. \$3.95\*

### Trails Illustrated Topo Map of Zion National Park

Waterproof, tear resistant. Scale approximately 1:37,700 39"x25" folded. \$9.95

### Desert Rock, Rock Climbs in the National Parks

Eric Bjornstad. \$25.00

### Geology

#### An Introduction to the Geology of Zion

Al Warneke. Find out how the unique and varied formations that make up Zion came to be, with this informative and easy to comprehend book. \$2.95\*

#### Sculpturing of Zion

Wayne L. Hamilton. The processes operating in this region are addressed in a manner that makes it easy for non-geologists to understand. \$14.95\*

Geologic Cross Section of the Cedar Breaks - Zion Canyon



### Geology Cross-Section

Two-sided, Cedar Breaks, Zion, Grand Canyon region. FlipSide: Grand Canyon, San Francisco Peaks, Verde Valley. 16"x25" . \$1.50

### Geology Map of Zion National Park

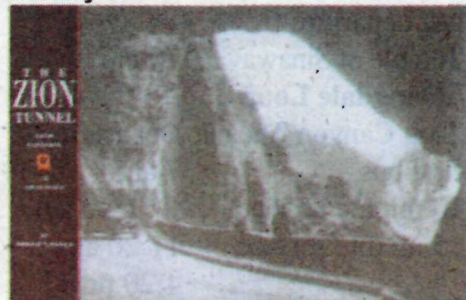
Revised 1995. Scale:1:31,680 39"x 28" folded. \$3.95\*

### Native Americans

#### Why the North Star Stands Still, and Other Indian Legends

William R. Palmer. Paiute Indian legends. Appealing to all ages. \$6.95\*

### History



#### The Zion Tunnel, From Slickrock To Switchback

Donald T. Garate. Story of the late 1920s construction of the 1-mile long tunnel through solid rock along the Zion-Mt. Carmel highway. Photos and firsthand experiences. Litho Craftsmen Award. \$4.95\*

#### Pipe Spring National Monument

Nicky Leach. Color and historical photos bring this historic site to life. Beautiful design by Lee Riddell. \$7.95\*

#### History of Southern Utah and Its National Parks

Angus Woodbury. Past human use including a record of historic North American cultures. \$5.95\*

#### History Of Arizona's Pipe Spring National Monument

An informative history with historic photos. \$4.95\*

### Plants and Animals

#### Wildflowers of Southwest Utah

Dr. Hayle Buchanan. A field guide to southwest Utah plants. \$7.95 paper.

#### Birds of Zion National Park and Vicinity

Roland H. Wauer. For those who wish a better understanding of bird life in the area. \$14.95

#### Medicinal Plants Of The Desert and Canyon West

Michael Moore. An illustrated guide to botanical medicinal uses. \$13.95

#### The Wolf, A Year's Journey

A.M. Kosh. Documents a wolf pack for an entire year, season by season, written for juniors to adults. \$9.95\*

### Videos

#### Zion National Park; Reader's Digest

Explore a wealth of Geology and history, wilderness and wildlife, flora and fauna that form this breathtaking national heritage. 32 minutes. VHS, PAL. \$14.95

### Zion, Towers of Stone

Discover Zion's massive sandstone towers, river-carved canyons, fascinating geology, wildlife and more. VHS, PAL. 30 min. \$19.95

#### Zion: Hiking Adventures of America's National Parks

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See the beauty of these breathtaking places that nature has carved. VHS, PAL. \$19.95

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Thomas Moran watercolor. 22"x28" \$14.95

#### Photography of David Pettit

*The Narrows*, and *Angel's Landing*, 24"x36" \$15.00 each\*

The Zion Natural History Association was established in 1931 to work in cooperation with and assist the National Park Service in furthering its scientific, educational, historical, and interpretive activities. It is our mission to enhance the visitor's appreciation and enjoyment of the National Park System.

### Shipping

Orders are shipped UPS except international orders which are shipped US Postal Service.

| Orders totaling:    | add:    |
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| \$70.01 to \$100.00 | \$10.00 |

Add \$1.00 for shipping tube to the above UPS Charges. Up to five posters per tube. Alaska, Hawaii and Canada add \$6.00 to above UPS charges. International orders add \$20.00 for air or \$10.00 for ground to above UPS charges. Please allow four weeks for delivery.

Prices listed are current, retail, and subject to change without notice. Publications are paperback unless otherwise noted.

Please include payment with order either by check or money order in US Funds made payable to Zion Natural History Association. AE, V, MC and DS cards accepted. Order by phone 1-800 635-3959  
Credit cards only.

Association Members may take a 20% discount off merchandise order, except sales items. Utah residents add sales tax.

This is not a complete listing, a catalog is available by mail or at www.zionpark.org.

\* indicates a Zion Natural History Association publication.

## You Can Be A Member

By joining the Zion Natural History Association you will help preserve the legacy of this magnificent park. Your membership dues are used directly to enhance the experience of visitors to this area. Call it an investment in the future, your contribution to the perpetuation of the National Park ideal.

**Individual** \$35 per year

Includes membership card allowing you a 20% discount at ZNHA stores, and discounts with other cooperating associations in the U.S., member pin, a newsletter twice a year, and an annual Christmas gift.

**Family** \$50 per year

Includes everything above, plus extra membership cards and a Zion poster.

Name \_\_\_\_\_

Address \_\_\_\_\_

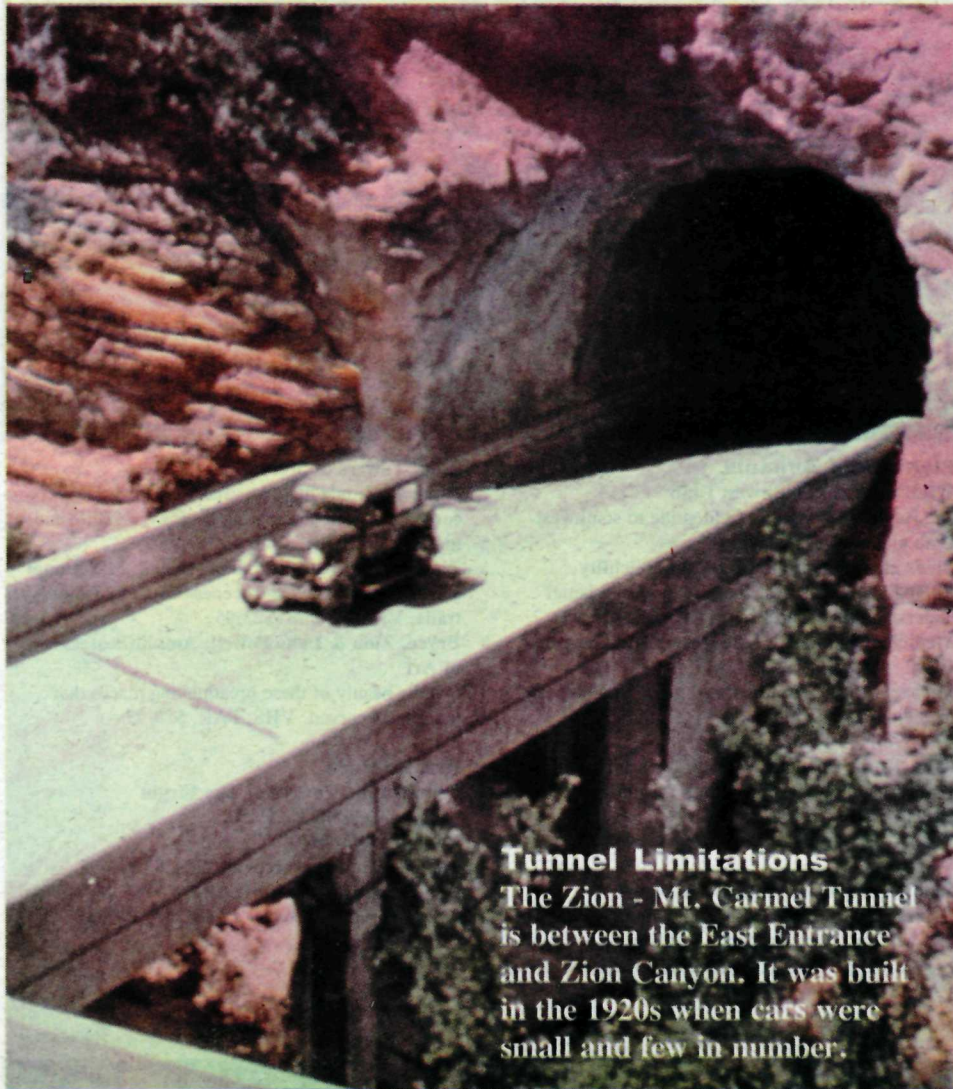
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Make checks payable to ZNHA

Mail to: Zion Natural History Association, Zion National Park, Springdale, Utah 84767



# Large Vehicle Restrictions



### Tunnel Limitations

The Zion - Mt. Carmel Tunnel is between the East Entrance and Zion Canyon. It was built in the 1920s when cars were small and few in number.

### Vehicle Size

Vehicles 7'10" wide or 11'4" high, or larger, are required to have an "escort" (traffic control) through the Zion-Mt. Carmel Tunnel. Vehicles this size are too large to stay in their lane. Nearly all RV's, buses, trailers, 5th wheels, and some camper shells will require an escort.

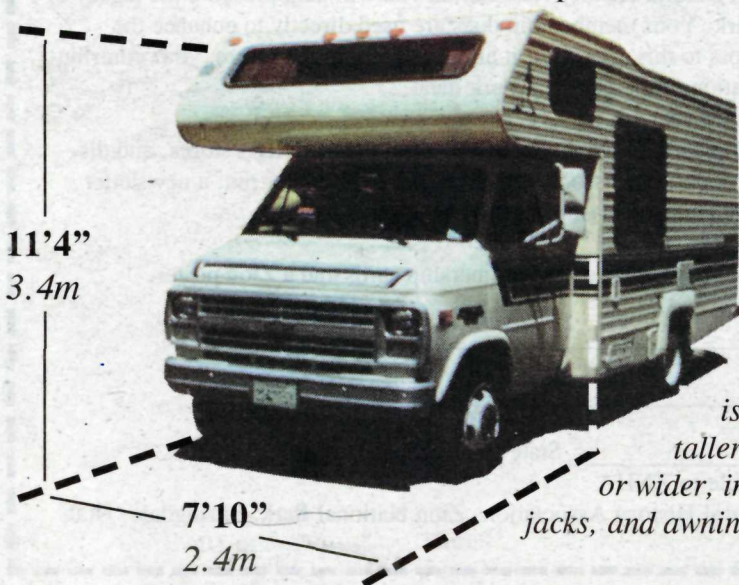
### Arranging An Escort

The escort fee is \$10 per vehicle in addition to the entrance fee. Pay at either park entrance. The fee is good for two trips through the tunnel for one week.

You will not actually follow an escort. Rangers will stop oncoming traffic, allowing you enough time to drive down the middle of the tunnel. We apologize for the delays many visitors will encounter as a result of this safety precaution. Rangers are stationed at the tunnel from 8 a.m. to 8 p.m. daily, April 22 through late October..

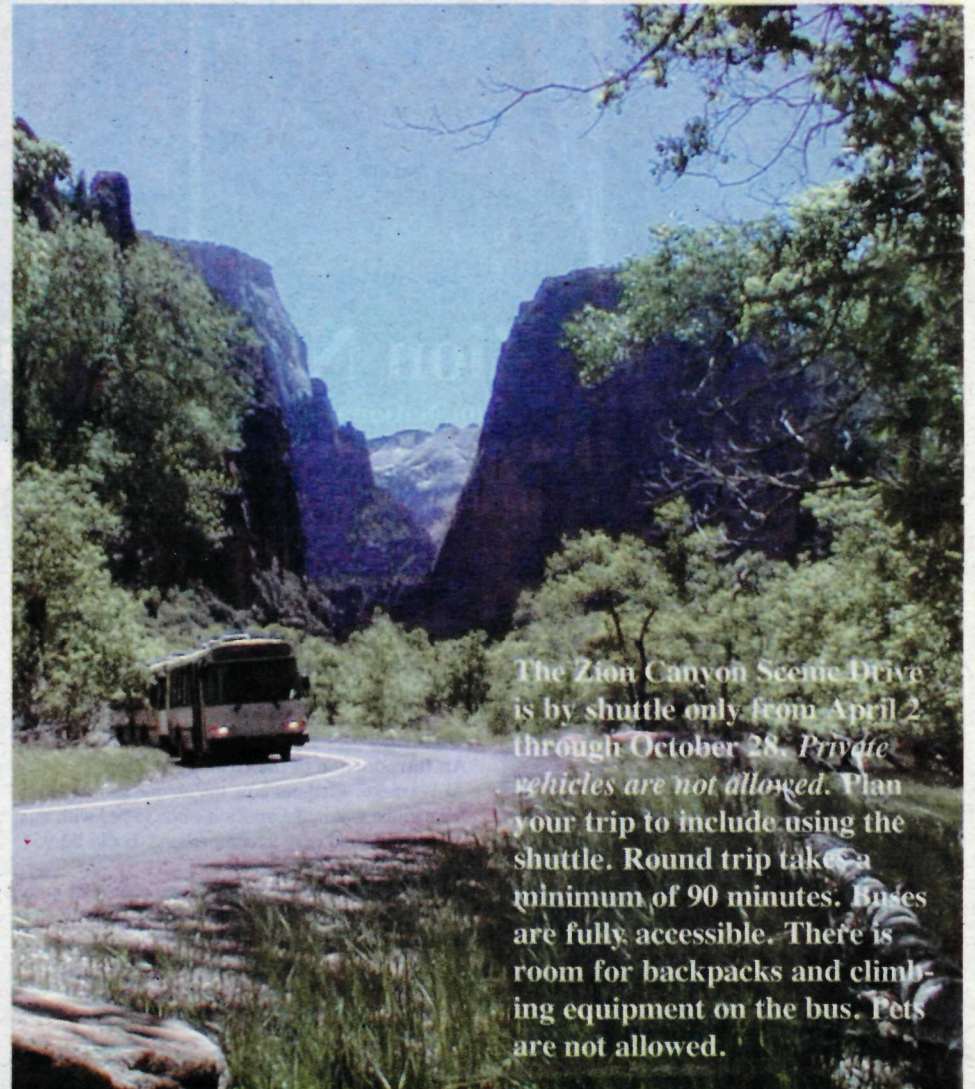
### Prohibited Vehicles

Vehicles over 13'1" tall. Semi-trucks. Vehicles weighing more than 50,000 lbs. Single vehicles over 40' long and combined vehicles over 50' long. Bicycles and pedestrians.



If your vehicle is 11'4" (3.4m) or taller or 7'10" (2.4m) or wider, including mirrors, jacks, and awnings, you will need a tunnel escort.

# Shuttle Schedule



The Zion Canyon Scenic Drive is by shuttle only from April 2 through October 28. Private vehicles are not allowed. Plan your trip to include using the shuttle. Round trip takes a minimum of 90 minutes. Buses are fully accessible. There is room for backpacks and climbing equipment on the bus. Pets are not allowed.

### Spring & Fall Schedule

April 2-May 18  
September 7-October 28

#### Zion Canyon Loop

Visitor Center Departures  
first bus 7 am  
15 minute service 7-9 am  
7-10 minute service 9 am-8 pm  
15 minute service 8-9 pm  
last bus 9:30 pm  
last departure from Temple of Sinawava 10 pm

#### Springdale Loop

Zion Canyon Theater Departures  
first bus 7 am  
10 minute service 7-11:20 am  
15 minute service 11:20 am-4:20 pm  
10 minute service 4:20-9 pm  
30 minute service 9-10 pm  
last bus 10 pm  
last departure from Eagles Nest 10:15 pm

### Summer Schedule

May 19-September 7

#### Zion Canyon Loop

Visitor Center departures  
first bus 5:45 am  
30 minute service 6:30-7:30 am  
10-15 minute service 7:30-9 am  
6-10 minute service 9 am-8 pm  
15 minute service 8-9 pm  
30 minute service 9-9:30 pm  
last bus 10:30 pm  
last departure from Temple of Sinawava 11 pm

#### Springdale Loop

Zion Canyon Theater departures  
first bus 5:30 am  
20 minute service 6:40-7 am  
10-15 minute service 7 am-9 pm  
30 minute service 9-11 pm  
last bus 11 pm  
last departure from Eagles Nest 11:15 pm

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