



# ANCIENT TIMES

Guide to Walnut Canyon, Sunset Crater Volcano, & Wupatki National Monuments

## Planning Your Visit

1998-99

Here, past meets present...Pueblos and cliff dwellings so well preserved it's hard to believe their builders moved on 700 years ago...Amid lava and cinder one can imagine a landscape still hot to the touch. Welcome to the Flagstaff Area National Monuments!

Walnut Canyon, Sunset Crater Volcano, and Wupatki National Monuments protect significant pieces of this region's natural and cultural history. We suggest you visit all three parks to appreciate the greater story of human endeavor played out on these geological landscapes.

You may wish to start at Walnut Canyon as the trail to the cliff dwellings closes at 4:00 PM. **Arizona does not observe daylight savings. You are on Mountain Standard Time.** Leave Flagstaff with food and a full tank of gas as there are no services at the monuments.

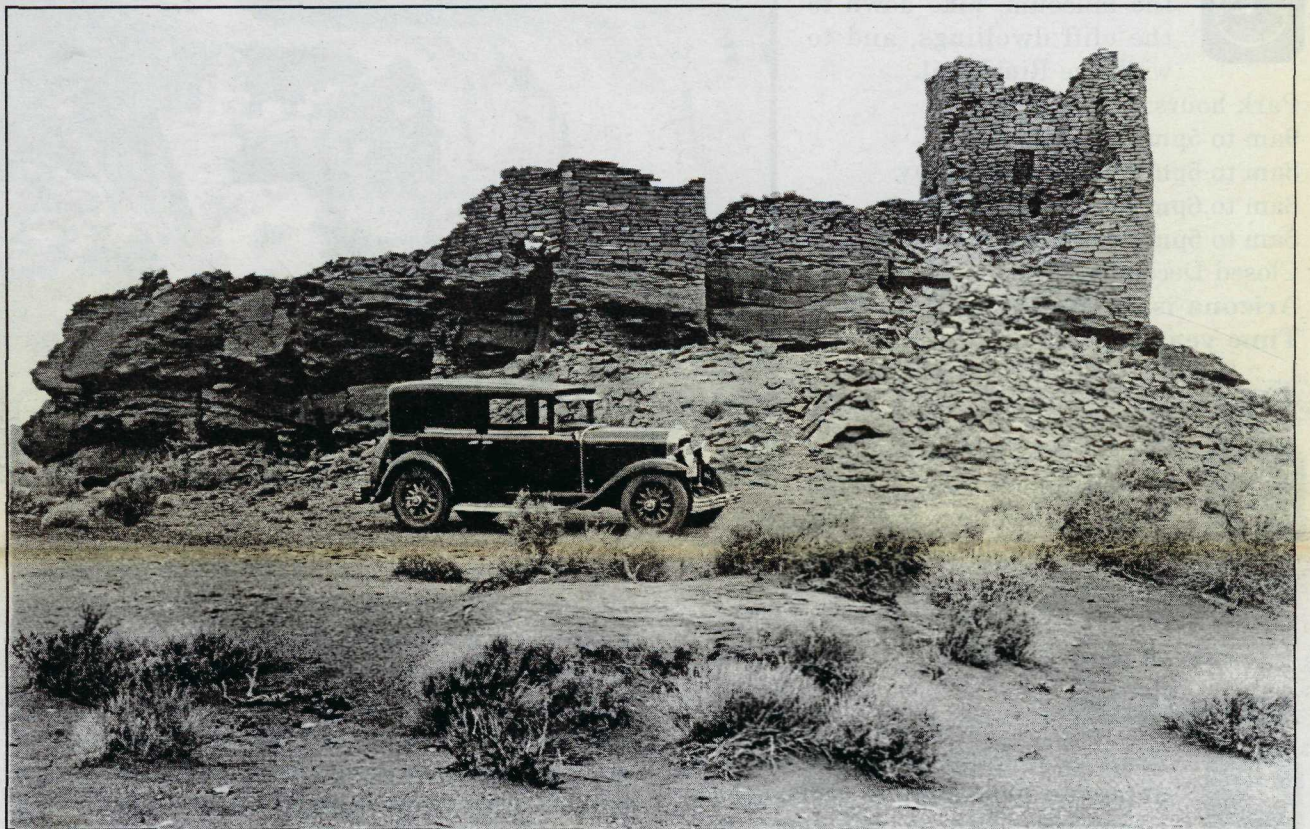
Distance from Flagstaff:

**Walnut Canyon** - 20 min, 10 miles (16 km)

**Sunset Crater Volcano** - 30 min, 14 mi (22km)

**Wupatki** - 50 min, 33 miles (53 km)

Maps and specific park information on pages 2, 3, and 4 will help you make the most of your visit. If you requested pre-visit material, this newspaper serves all three parks.



Early visitors to Wukoki Pueblo, Wupatki National Monument, 1930s

NPS Photo

## Message From the Superintendent

The National Park Service must continually make difficult decisions. How park resources are managed and used today will determine what kind of national park system, in what kind of health, our future generations inherit. You, as one of 269 million visitors each year to national parks, must also make decisions about using and caring for them. You can begin by treating these parks gently during your visit.

In addition, you presently have a significant opportunity to help beyond being a good steward when you visit. You are invited to participate in planning for the overall management and use of the Flagstaff Area National Monuments. This has not been done before for these parks; it is necessary now because of increasing visitation and resource impacts, outdated facilities, expanded park boundaries, and changing public expectations. The Flagstaff Areas General Management Plan, when completed, will

address visitor use, resource preservation, development needs, and public information and education issues for the next 15 to 20 years.

We'd like your comments on the vision we are developing for these monuments. Visitor needs and preferences have changed over the years—help us determine the best way to provide for enjoyment and learning in a safe park setting. Fill out the form on page 8 to receive notice of public meetings and copies of periodic newsletters as we proceed through the planning process, which will be completed in the spring of 2000. All comments will be considered and analyzed.

Parks are special places. We welcome your assistance in helping to preserve them today and in planning for their future.

Sam Henderson  
Superintendent

### Inside

#### Park Maps & Information

Walnut Canyon.....page 2

Sunset Crater Volcano....3

Wupatki.....4

House Rules.....5

Publications.....7

Nearby Attractions  
& Area Map.....8

# Walnut Canyon National Monument

## How to Get There

**?** Leave I-40 at exit 204, 7.5 miles (12 km) east of Flagstaff; drive south 3 miles (5 km) to the canyon rim. **Warning: tight turnaround for towed vehicles; 40 feet (12 meters) maximum length advisory.**

## How long will it take?

**🕒** Allow at least 2 hours to see the museum, hike down to the cliff dwellings, and to walk the Rim Trail.

### Park hours:

9am to 5pm Dec, Jan, Feb  
 8am to 5pm March, April, May  
 8am to 6pm June, July, August  
 8am to 5pm Sept, Oct, Nov  
 Closed December 25.

**Arizona is on Mountain Standard Time year round.**

## Fees

**💰** The fee is \$3 per person (age 16 and under free). Golden Eagle, Golden Age, and Golden Access Passports are sold and accepted. Commercial tour fees are charged according to vehicle capacity: 1-6 \$25 plus \$3 per person; 7-25 \$40; 26 or more \$100.

## Accessibility

**♿** Trail accessibility is limited because of terrain; please inquire. Wheelchair accessible visitor center and picnic tables in two locations.

## Services

**🍴** There are several picnic areas but no food or services in the monument.

**🏕️** No camping. US Forest Service and private campgrounds are located in and around Flagstaff.

**🛏️** Overnight accommodations, food, supplies, and gasoline are available in Flagstaff (10 mi/16 km). Flagstaff Visitor Center: 1-800-842-7293

## Pets

**🐕** Pets are not allowed on park trails, in buildings, or tied to fixed objects. They may be exercised in parking areas on a leash. Summer temperatures may be fatal to pets in closed vehicles.

For more information: Walnut Canyon National Monument, Walnut Canyon Road #3, Flagstaff, AZ 86004; 520-526-3367. Or find us at: [www.nps.gov/waca](http://www.nps.gov/waca)

More than half a millennium has passed since voices and laughter of pueblo people filled this canyon. Hundreds of empty cliff homes are evidence they once prospered here. Step back in time as you walk among their homes nestled in the ledges of the canyon. In these single story rooms you might even discover an 800-year-old fingerprint preserved in plaster.



Cliff dwelling, Walnut Canyon

NPS photo

Please respect the canyon. People from around the world come to experience its unique beauty and the ancient homes that have been protected here. The canyon is also home to abundant wildlife. Only hike on the existing paved pathway and always talk softly. The beauty of the moment may be enriched by the song of a canyon wren or the sight of a bald eagle soaring high above.

## Ranger Programs



Interpretive programs may be offered in June, July, and August if sufficient staff is available. Rangers are stationed at the major site along the Island Trail to help you understand the significance and wonder of the cliff dwellings at Walnut Canyon. Please contact the staff at the visitor center for additional information.

## Hiking



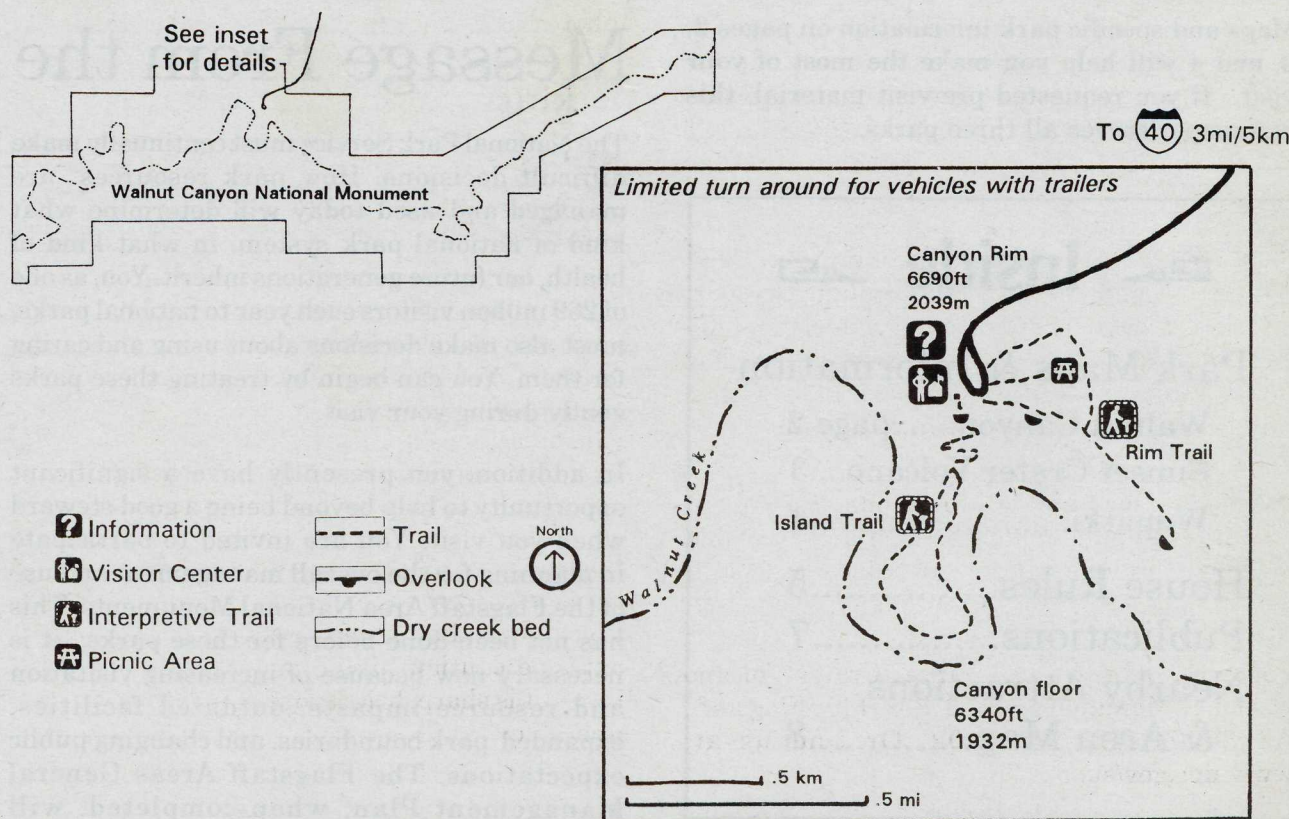
The **Island Trail** descends 185 feet (56 meters) into the canyon providing access to 25 cliff dwelling rooms. A strenuous 9/10 of a mile (1.4 km) round trip, it is a good way to experience the park. Climbing the 240 steps back up can tax heart and lungs. Trail closes at 4pm daily, 5pm June, July, and August. A fairly level 3/4 mile (1.2 km) **Rim Trail** provides great canyon views and access to a small pueblo and pithouse.

The backcountry of Walnut Canyon is closed to hiking to protect fragile archeological sites.

## Weather



Be prepared for abrupt weather changes in any season. Expect windy conditions most of the year. Spring is usually mild but heavy snowfall can occur. Summer days are warm with temperatures in the eighties. Afternoon thunderstorms likely July to September. Winter days can be cold; snow and ice can cause temporary closure of the Island Trail.



# Sunset Crater Volcano National Monument

## How to Get There

**?** Drive north of Flagstaff on US Highway 89, 12 miles (19 km). Turn right on the Sunset Crater-Wupatki Loop Road and continue 2 miles (3 km) to the visitor center. **Road construction on US 89 between Flagstaff and the Sunset Crater Volcano/Wupatki road may cause delays.**

## How long will it take?

**🕒** Allow at least 1½ hours to stop at the visitor center and hike the Lava Flow trail; to climb Lenox Crater cinder cone, allow another 45 minutes.

Visitor center hours are 8:30am-5pm daily except December 25. Hours may be extended during summer months. The park is open from dawn to dusk. **Arizona is on Mountain Standard Time year round.**

## Fees

**💰** Entrance fees that include both Sunset Crater Volcano and Wupatki National Monuments are \$3 per person (age 16 and under free). Golden Eagle, Golden Age, and Golden Access Passports are sold and accepted. Commercial tour fees are charged according to vehicle capacity: 1-6 \$25 plus \$3 per person; 7-25 \$40; 26 or more \$100.

## Accessibility

**♿** Accessibility is limited; please inquire. A portion of the Lava Flow Trail is accessible.

## Services

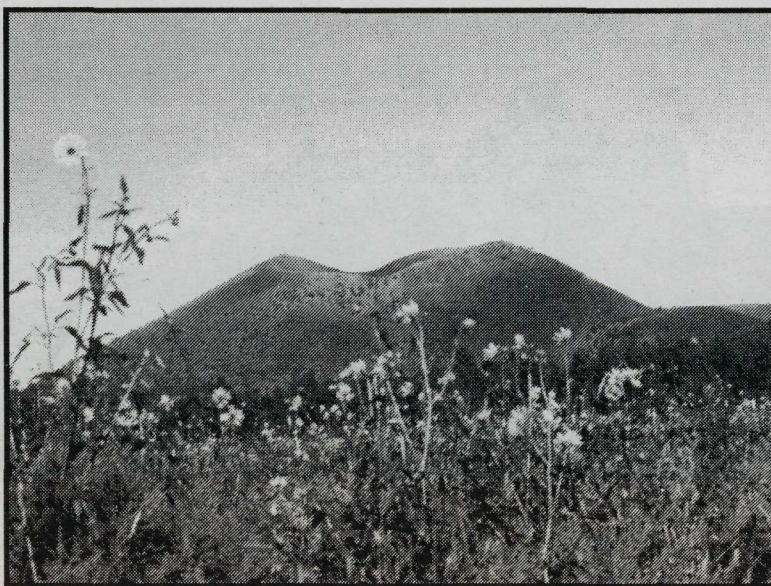
**🍴** Picnic areas located at the visitor center, Lava Flow Trail, and Painted Desert Vista; vending machines at the visitor center. No other services.

**🏕️** Bonito campground is located across from the visitor center and generally open from March through October, weather dependent. Maximum vehicle size 35 feet, no hookups; \$10 per car, per night. For further information call 520-527-1474. Other campgrounds are available in Flagstaff.

**🛏️** Overnight accommodations, food, supplies and gasoline are available in Flagstaff (14 mi/22km). Flagstaff Visitor Center: 1-800-842-7293

For more information: Sunset Crater Volcano National Monument, Rt. 3 Box 149, Flagstaff, AZ 86004; 520-526-0502. Or find us at: [www.nps.gov/sucr](http://www.nps.gov/sucr)

About 900 years ago, people living here undoubtedly witnessed the eruption of Sunset Crater Volcano in A.D. 1065. For approximately 200 years, sporadic eruptions blanketed the region with black cinder and lava flows. Today the lava flows seem to have cooled and hardened to a jagged surface only yesterday. A squeeze-up and hornito are just two of the fascinating volcanic features you'll encounter while exploring the park.



*Sunset Crater Volcano from Bonito Park, NPS photo*

Sunset Crater Volcano is often confused with another nearby attraction, Meteor Crater. At Sunset Crater Volcano you will see a cinder cone rising 1,000 feet above the surrounding landscape. Meteor Crater, located 35 miles east of Flagstaff on I-40, is an impact crater measuring over 500 feet deep and 1 mile across.

To protect a fragile resource, Sunset Crater Volcano is closed to climbing and hiking. However, other cinder cones in the area may be climbed.

## Hiking

**🚶** The 1 mile (1.6 km) **Lava Flow Nature Trail** (with a 1/3 mi, .5 km cutoff) is a self-guided loop exploring a variety of volcanic formations.

The **Lenox Crater Trail** provides an opportunity to climb a cinder cone. This steep trail is 1 mile (1.6 km) round trip and requires about 30 minutes up and 15 minutes down!

Backcountry hiking, except for on Sunset Crater Volcano, is allowed but use extreme caution hiking on lava—it is sharp, brittle and unstable.

## Ranger Programs



Programs are generally offered **June, July, and August** but are subject to change. Please inquire.

**Lava Walk:** Daily, 45 minutes, check visitor center for times. Investigate cinder cones, squeeze-ups, and more! Meet at the contact station at the Lava Flow Nature Trail Parking Area.

**Ranger's Choice:** programs may be offered at the visitor center on a variety of topics. Please inquire.

**Evening Program:** One-hour campfire talk at Bonito Campground Amphitheater. Check visitor center for time and topic.

## Weather



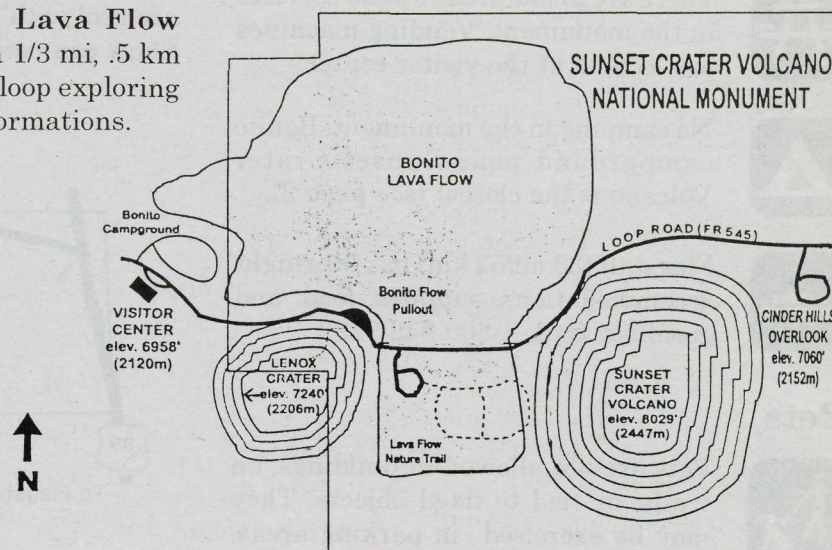
Be prepared for abrupt weather changes in any season; weather extremes are not uncommon. Spring is usually mild but heavy snowfall can occur. Summer days are warm with

temperatures usually in the eighties; evening temperatures can be quite cold at anytime of the year. Expect short afternoon thunderstorms July through September. Autumn days are mild with some precipitation. In winter, snow and freezing temperatures alternate with mild weather.

## Pets



Pets are not allowed on trails, in the backcountry, in buildings, or tied to fixed objects. They may be walked in parking areas on a leash. Summer temperatures may be fatal to pets in closed vehicles.



# Wupatki National Monument

## How to Get There

**?** From Flagstaff take US 89 north for 12 miles (19 km) turn right at sign for Sunset Crater Volcano-Wupatki National Monuments. The visitor center is 21 miles (34 km) from this junction. **Road construction on US 89 between Flagstaff and the Sunset Crater Volcano/Wupatki road may cause delays.**

## How long will it take?

**🕒** Allow 2 hours to see five major pueblos; or, at least 30 minutes to visit the largest—Wupatki Pueblo, located behind the visitor center—and to view the museum exhibits. Visitor center hours are 8am-5pm daily except December 25. Hours may be extended in summer. Sites and trails are open dawn to dusk. **Arizona is on Mountain Standard Time.**

## Fees

**💰** Entrance fees that include both Wupatki and Sunset Crater Volcano are \$3 per person (age 16 and under free). Golden Eagle, Golden Age, and Golden Access passes are accepted. Commercial tour fees are charged (see page 3).

## Accessibility

**♿** The visitor center and Wupatki Trail, to the overlook, are accessible. Accessible restrooms are at Doney Mountain picnic area and Lomaki.

## Services

**🍷** There are picnic areas but no services in the monument. Vending machines are located at the visitor center.

**🏕️** No camping in the monument. Bonito campground near Sunset Crater Volcano is the closest (see page 3).

**🛏️** Flagstaff (33 mi/53 km) has overnight accommodations, supplies, food, and gasoline. Call: 1-800-842-7293

## Pets

**🐕** Pets are not allowed in buildings, on trails, or tied to fixed objects. They may be exercised in parking areas, on a leash. Summer temperatures are extreme and can be fatal to pets in closed vehicles.

Less than 800 years ago, a large agricultural community spread across this volcanic plateau. The warm, arid climate and sparse vegetation today make the successes of these pueblo farmers remarkable. Here you'll see stunning artistry in ancient masonry pueblos that emerge from bedrock to stand several stories high.



Wupatki Pueblo; photo by Bill Hudson

## Ranger Programs

**👤** There are no scheduled programs, however, during the summer months rangers are stationed at the major sites to help you experience and understand the significance of Wupatki. They may also be available for programs on request.

## Weather

**⚡** Be prepared for variable and extreme weather conditions. Expect windy afternoons spring, summer and fall. Summer daytime temperatures can exceed 100 degrees. Short afternoon thunderstorms are common July through September. Autumn days are warm and mild; winter days are cool with occasional freezing temperatures. Snow can occur but usually doesn't last long.

## Hiking

**🚶** **Wupatki Trail**, at the visitor center, is a self-guiding tour of the largest pueblo in the Flagstaff area and includes a ballcourt and community room. Don't miss the blowhole, a fascinating geologic feature. The trail is less than 1/2 mile (.8 km) round trip; the pueblo can also be viewed from an overlook (100 yard walk).

**Lomaki Trail** is a 1/2 mile (.8 km) easy walk with access to several pueblos. Other pueblos—**Wukoki, Citadel and Nalakihi**—have short (.2 mi/.4 km) paved trails.

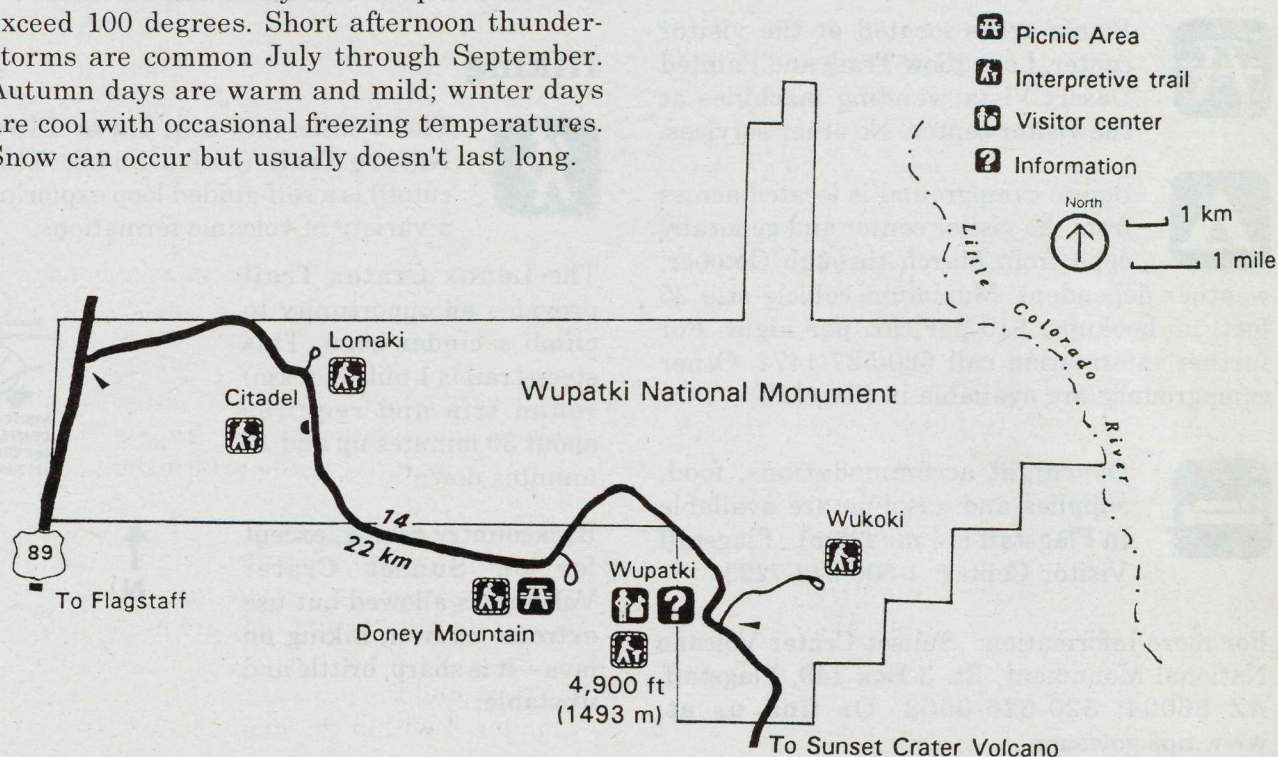
**Doney Mountain Trail** (signed "Lunch Area and View Point") ascends from the picnic area to the top of the mountain (.5 mi/.8 km) for a spectacular view of the surrounding area.

**Hiking is restricted to established, signed trails.** The backcountry of Wupatki is closed to hiking to protect fragile archeological sites.

## Driving Tours

**🚗** Much of Wupatki and Sunset Crater Volcano can be experienced by driving the loop road connecting the parks to US 89 (see map on page 8). Travelling from the south, stops include Bonito Park (for a view of Sunset Crater Volcano), Sunset Crater Visitor Center, Bonito Lava Flow pullout, Cinder Hills Viewpoint, the Painted Desert Vista and overlooks, Wupatki Visitor Center with access to the major pueblo, and Doney Mountain viewpoint.

For more information: Wupatki National Monument, HC33 Box 444A, Flagstaff, AZ 86004, 520-679-2365. Or, find us at: [www.nps.gov/wupa](http://www.nps.gov/wupa)



## House Rules:

A visit to northern Arizona often includes experiencing archeological sites. The dry climate of this region has allowed artifacts and sites of past human activity to survive decomposition and the forces of erosion for hundreds or, in some cases, thousands of years. These fragile remnants face one major threat: an ever-present stream of visitors.

Because damage is cumulative and usually irreversible, it is essential that everyone understand the impact site visits create. Our decisions and actions will determine whether these priceless and nonrenewable traces of the past will exist into the future.

Today descendants of the ancient inhabitants of the pueblos seen at places like Wupatki and Walnut Canyon—primarily members of the Hopi and Zuni tribes—consider these homes not abandoned, but alive with profound spiritual meanings. Please, as a guest in these homes remember these basic house rules:

### By Invitation Only

Visit well-known, signed and mapped sites. These have been stabilized and reinforced and are better able to withstand visitation.

Use established trails to and around sites. Uncontrolled foot traffic around and through sites is one of the most damaging impacts; it rapidly undermines wall foundations and crushes fragile archeological objects and deposits.

At Walnut Canyon and Wupatki, off-trail hiking is prohibited. Think of the cumulative impact created by judgements such as "It's just a couple of us and it's just this one time."

### Keep Your Feet off the Furniture



Sitting, leaning, walking, or climbing on walls loosens mortar which erodes easily. Walls collapse.

(minimum fine \$50)

### Don't Take the Knickknacks

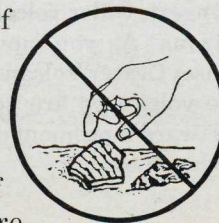
Parks are not the place to collect rocks, fossils, animals, or plants. Imagine if each of the one million visitor a year to the Flagstaff Area National Monuments took something home. The parks would be stripped bare.



(minimum fine \$250)

### Don't Rearrange the Furniture

Left in place, pieces of pottery and artifacts are valuable clues; rearranged in piles they mean nothing. This behavior deprives other visitors of the thrill of discovering artifacts where they were left a thousand years ago.



*It is also illegal to remove them.*

(minimum fine \$250)

### Sign the Register, Not the Rocks



Adding your name, drawings, or inscriptions to rock outcrops, rock art panels, or structures dishonors the timeless qualities and wilderness values of these special places. All visitor centers have guest registers and we invite you to add your mark to ours.

(minimum fine \$250)

- Observe posted *speed limits*—park roads are not designed for speed. Slow down at dawn and dusk and *watch for animals*. Buckle up. Seat belts are required by law.
- *Do not feed wildlife*. Avoid contact with rodents. The white-footed deer mouse is a carrier of hantavirus and prairie dogs can carry plague.
- Poisonous snakes and insects are common but not aggressive. *Keep a safe distance*. This is their home and they are protected.
- Hunting and the possession of firearms is prohibited within the monuments.

## Mountain Lion Encounters

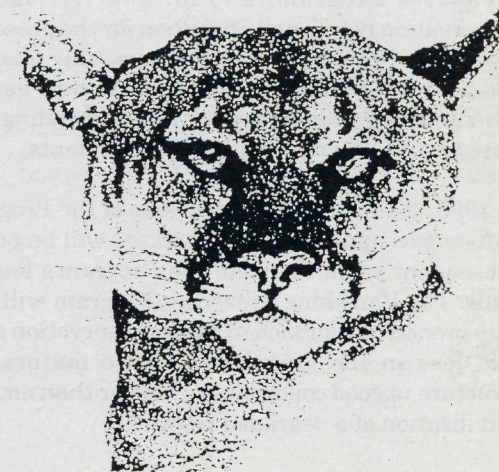
Mountain lions live in these parks. Sightings are rare—an attack is an extremely unlikely event. There is far greater risk of being struck by lightning. However, lions have been frequenting Walnut Canyon and potential exists for a hazardous encounter. To avoid danger, it is important for you to know how to behave in mountain lion country. The following advice is based on information gained from encounters in other areas. It can allow us to more safely share these parks with a truly spectacular animal.

### These actions have resulted in mountain lion attacks:

- ◆ People jogging or hiking alone. It is advisable to travel in groups.
- ◆ Children running or walking unattended by parents. ***Keep them close and within sight at all times!***

### What to do if you see a mountain lion:

- ◆ ***Do not run! Do not approach it! Do not crouch down!***
- ◆ Stop! Raise your arms and back away slowly, facing the lion. Leave the lion an escape route.
- ◆ Pick up small children. Their size and behavior makes them vulnerable.
- ◆ If a lion is aggressive, wave your hands slowly, speak firmly or shout.
- ◆ If attacked, ***remain standing and fight back.***



## You Are Responsible for Knowing...

and obeying park rules. If you don't know the laws, ask. We also depend on you to report unsafe conditions or acts, or acts of vandalism and destruction. Help us to protect you and your parks. Here are a few things to remember:

- All vehicles, including bicycles, must remain on designated public roadways. Always use signed parking areas; *never stop in the roadway*.

# Why Volcanoes Here?

Sunset Crater Volcano is just one of over 600 volcanoes located in Northern Arizona. The volcano is part of the San Francisco Volcanic Field which is 1,800 square miles in size, and surrounds the Flagstaff area.

To understand where and why volcanoes occur, a little background on plate tectonics must be given. The crust of the earth is divided up into plates which fit together like pieces of a large jigsaw puzzle. It is the movement of the plates which causes earthquakes to occur and volcanoes to erupt. Arizona is located quite some distance from any tectonic plate margin. The nearest plate margin is located in California, along the San Andreas fault zone. So, it may seem odd at first glance that we even have volcanoes in Arizona.

## Vanishing Treasures:

### *A Legacy in Ruins*

*"Buildings made of the stuff of earth itself...as old as time and human labor, the containers of the experience of community, ours in trust...Now there is an undeniable crisis of care. -Former National Park Service Director Roger Kennedy*

In 1993, the National Park Service identified and began acting upon a critical weakness that has become known as the Vanishing Treasures Initiative. After 20 years of inadequate funding, backlogged treatment needs, and a lack of information on condition, thousands of prehistoric and historic ruins at 38 plus National Park Service units in the arid west are threatened with severe deterioration and collapse.

In addition, only a few highly skilled preservation craftspeople are employed in the National Park Service today, and many of them are retiring. A lack of funding has prevented their specialized knowledge from being passed on to a new generation of craftspeople. At this time, most parks are doing only emergency work to protect deteriorated infrastructures and dangerous conditions. The longer preservation work is put off, the more expensive the final costs are going to be.

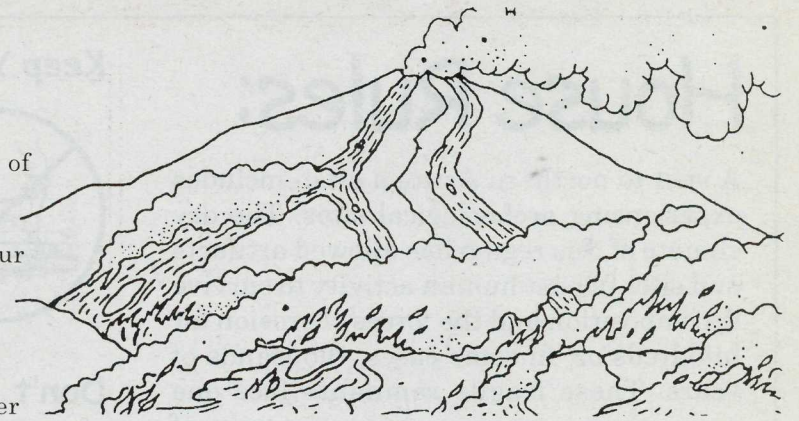
It is estimated that approximately \$67 million is required to address all of the needs of the Vanishing Treasures Program, \$59 million for emergency preservation needs, and \$8 million for the preservation workforce. Spread over 10-15 years, this amounts to about \$1 to \$1.5 million and 3-4 new staff for each of the Vanishing Treasures park units, including Walnut Canyon and Wupatki National Monuments.

In 1998, the first fully funded year of the Program, \$1 million was appropriated. Increases will be needed in subsequent years to attain the Program's long-range goals. The Vanishing Treasures Program will provide for a proactive approach to ruins preservation that will cost less in the long run because maintaining a structure in good condition is cheaper than emergency stabilization of a degraded resource.

Although geologists still debate the origin of the San Francisco Volcanic Field, one popular theory at this time is that the field is located over a hot spot. Hot spots occur world wide and some of the more famous examples include Yellowstone National Park and the Hawaiian island chain.

The hot spot theory states that located under the earth's crust below Northern Arizona is a stationary magma chamber which has a constant supply of magma. Magma chambers in hot spot areas allow volcanoes to form in different locations as the crust moves over the mantle below. Pressure builds in the magma chamber to the point where the magma must escape from the chamber to relieve some of the confining pressures. Magma then erupts onto the earth's surface through a pipe-like vent, creating a new volcano.

Volcanoes in the San Francisco Volcanic Field have been forming and erupting over the past 2 million years, with the eruption of Sunset Crater Volcano being the youngest. Older volcanoes are located near Williams, Arizona. As you move from Williams east toward Sunset Crater Volcano, the volcanoes decrease in age. The volcanoes are younger to the east due to the westward movement of the North American plate over the hot spot.



Volcanoes come in several different shapes, sizes, and explosive powers. There are several kinds of volcanoes in the San Francisco Volcanic Field; however, almost all of the 600 volcanoes in this field are cinder cone volcanoes, which are of medium explosive power and usually erupt over a few hundred years before becoming extinct. Cinder cones form when a small hole opens up in the ground letting ash, gas, and steam escape. As the hole grows larger, cinders are erupted, building a mountain of cinders up to 1,000 feet tall. Some volcanic bombs will be ejected, and lava may flow from the base of the volcano. Sunset Crater Volcano is a cinder cone volcano.

Volcanoes are one of nature's most efficient recycling processes. They destroy old land, generate new features on the landscape, and replenish soils with nutrients. With volcanoes, the only constant is change.

## Sacred Ties

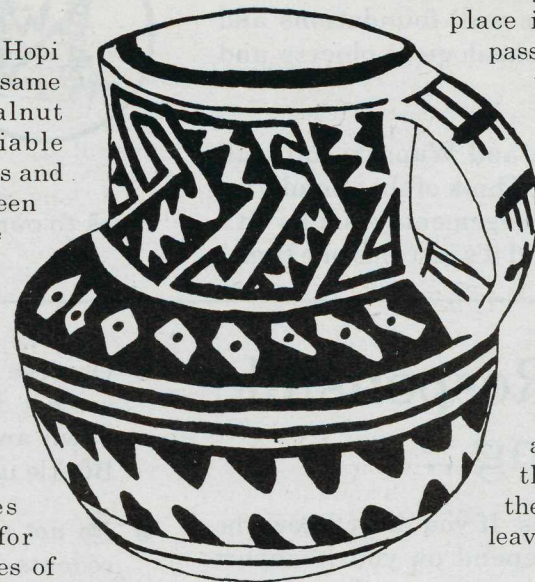
The descendants of the ancient peoples of the southwest are very much alive and thriving. The Hopi of northern Arizona and the various Pueblo people of New Mexico have religious and cultural practices which began with prehistoric cultures.

Pueblo villages such as Old Oraibi of the Hopi and Sky City of Acoma were built at the same time as those at Wupatki and Walnut Canyon, A.D. 1100. These are viable communities yet today. The ceremonies and tribal rituals carried on there have been practiced for centuries. Crafts like pottery making and weaving have origins deeply rooted in the past. Time brought change but traditions and customs have lived on through the centuries.

The Hopi call their ancestors *Hisatsinom* meaning "People of the past." However, in most cases archeologists borrowed names for prehistoric cultures from Indian tribes of today. For example: *Anasazi* is a Diné (Navajo) name meaning "Ancient Ones" or "Ancient Enemy" and *Hohokam* is a Ackimal O'odham (Pima) name meaning "Those who have gone" or "all used up." In some cases names were given according to archeological findings, for example, *Sinagua* is from the Spanish words *sin* (without) and *agua* (water).

The pueblos found in Wupatki, Sunset Crater Volcano, and Walnut Canyon National Monuments are now part of the National Park System. But they are still sacred to the modern Pueblo people. Many sites are known by name and have their place in oral history that is passed on from one generation to the next. Various Hopi clans are traced back to these sites.

When you visit ancient Indian ruins, remember these sites are an important part of modern Pueblo culture. They are a source of cultural identity and provide a bond with ancestors. Vandalism and theft of artifacts weaken these ties. We ask that you leave everything in its place.



*Reuben Honahnie, Hopi Park Ranger, Walnut Canyon National Monument*

Planning ahead? The following publications, available from Southwest Parks and Monuments Association, are our choices for making the most of your visit to the Flagstaff Area National Monuments.

Wish you had bought that book after all? All of the books, audio and video tapes, maps, and posters available at our visitor centers may be ordered by mail, telephone, or FAX. Buy a membership to Southwest Parks and Monuments Association and enjoy a 15% discount on your purchase.

## Getting to Know the Monuments

### Official Map and Guides Wupatki/Sunset Crater Walnut Canyon

Park maps, safety, regulations, general orientation and introduction to the natural and cultural history of the parks. \$25 each.



### Guide to Wupatki and Sunset Crater

Scott Thybony

Sections to read on the natural and cultural features as you travel the park road. 48 pages, \$5.95

### Sunset Crater Volcano National Monument

Rose Houk

A look at the youngest of over 600 volcanoes found in the San Francisco volcanic field. 16 pages, \$3.95

### Wupatki National Monument

Susan Lamb

An overview of the natural and human history of Wupatki, from past to present. 16 pages, \$3.95



### Walnut Canyon

Scott Thybony

Guide to the cultural and natural history of Walnut Canyon National Monument. 16 pages, \$3.95 (available in German for \$4.95)

### Wupatki and Walnut Canyon, New Perspectives on History, Prehistory, and Rock Art

David Grant Noble

Research and analysis has provided new insights presented here in a concise overview. 40 pages, \$7.95

### Letters from Wupatki

Courtney Reeder Jones

A compilation of letters written to friends and family by the wife of Park Service caretaker Davy Jones during the 1930s. A wonderful glimpse into life at Wupatki before developments and 240,000 visitors a year. 151 pages, \$13.95

## Discovering the Southwest

### MAPS, GUIDE BOOKS, AND MUSIC

ARIZONA  
HIGHWAYS  
TRAVEL MAP



### Arizona State Map

The official state highway map produced by Arizona Highways, also available in German. \$2.25

### Guide to Indian Country Map

Covers the Four Corners area and shows Indian reservations, national parks and monuments, and geologic features. \$3.95

### Recreational Map of Arizona

Detailed travel map with more than 400 recreational sites and 500 points of interest listed. \$3.95

### Road Map of Navajo and Hopi Nations

Includes detail maps of Monument Valley, Chaco Culture, and Canyon De Chelly. \$2.25

### Coconino and Kaibab National Forest Maps

Great for hiking and backcountry travel in the national forests. Please specify *Coconino*, *North* or *South Kaibab NF*. \$5.00 each

### Arizona Atlas and Gazetteer, Delorme

Topo Maps of the entire state with public lands and back roads noted. 76 pages, \$16.95

# SOUTHWEST PARKS AND MONUMENTS ASSOCIATION

### The Guide to National Parks of the Southwest

Nicki Leach

Authoritative and interpretive guide to 52 National Park Service sites in Arizona, Utah, Colorado, New Mexico, and Texas. Color. 80 pages, \$9.95



### Arizona Traveler's Handbook

Bill Wei

A comprehensive travel guide to the state of Arizona. Includes information on natural and historic places, geology, natural history, dining, and accommodations. 491 pages, \$17.95

### The Back Roads

This Arizona Highways book outlines 20 exciting back road tours for the whole family. 137 pages, \$10.95

### Flagstaff Hikes

Richard and Sherry Mangum

146 day hikes around Flagstaff, AZ. 188 pages, \$15.95

### Trading Post Guidebook

Patrick Eddington and Susan Makov

An invaluable guide for anyone wanting to purchase authentic American Indian art or experience historic Southwest trading posts. 241 pages, \$17.95.

### Ancient Ruins of the Southwest

David Grant Noble

A guide to over sixty archeological sites in the Southwest. Complete with easy-to-follow directions to the sites. 217 pages, \$14.95

To set the mood during those long drives across Arizona, we recommend the following tapes/CDs:

**Songs of the Indian Flute, Vol 1 & 2, John Rainer, Jr.**, mostly instrumental, \$10.49 each (cassette only)  
**Desert Plateaus, John Huling**, environmental sounds behind Indian flutes, drums, and synthesizers to create the serene yet mysterious nature of the desert. \$10/\$17  
**Enchanted Canyons, Native American Flute ensemble** with synthesizer and percussion. \$10.95/\$17  
**Tribal Voices**, songs from Native Americans, an intertribal collection. \$10/\$17  
**Talking Spirits**, music from the Hopi, Zuni, Laguna, and San Juan Pueblos. \$10.49/\$16.49

### NATURAL HISTORY FIELD GUIDES



### 100 Roadside Wildflowers of Southwest Woodlands

Janice Bowers

An excellent introduction to common flowering plants of the Southwest. Color photographs. 64 pages, \$7.95

### 50 Common Birds of the Southwest

Richard Cunningham

An easy reference to the more commonly seen species in the Southwest. 64 pages, \$7.95

### 70 Common Cacti of the Southwest

Pierre Fisher

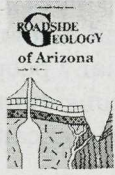
This perennial best-seller describes and depicts 70 common cacti species of the Southwest deserts. 80 pages, \$7.95

### 50 Common Reptiles and Amphibians of the Southwest

Jonathan Hanson and Roseann Beggy Hanson

Excellent color photographs make identification easy. 64 pages, \$7.95

Southwest Parks and Monuments Association was founded in 1938 to aid and promote the educational and scientific activities of the National Park Service. As a nonprofit organization authorized by Congress, it makes interpretive material available to park visitors by sale or free distribution. All net proceeds support the interpretive and research programs of the National Park Service.



### GEOLOGY

#### Roadside Geology of Arizona

Halka Chronic

Explains the spectacular geology of Arizona as seen from a car at specific points along the highways throughout the state. 321 pages, \$18.00

#### Volcanoes of Northern Arizona

Wendell Duffield

An easy-to-understand guide to northern Arizona volcanoes with beautiful graphics and color aerial photographs. Includes several self-guided road tours. 68 pages, \$14.95

#### Scenes of the Plateau Lands and How They Came to Be

William Lee Stokes

Explains, in simple terms, how the scenery of the Colorado Plateau was created geologically. 66 pages, \$3.50

#### Pages of Stone—Grand Canyon and the Plateau Country

Halka Chronic

This handy, nontechnical guide leads the traveler on a fascinating geological tour through national parks and monuments of the western states. Color photographs. 158 pages, \$16.95

### HUMAN HISTORY

#### Those Who Came Before: Southwestern Archeology in the National Park System

Robert and Florence Lister

This is an excellent and comprehensive overview of southwestern archeological sites in the National Park System. 184 pages, \$16.95

A companion piece is also available on VHS for \$19.95.



#### Prehistoric Cultures of the Southwest Series

Rose Houk

Each booklet in this five-part series provides an introduction to the evolution, achievements, and lasting legacy of a distinct ancient culture. Please specify *Anasazi*, *Hohokam*, *Mogollon*, *Salado*, or *Sinagua*. 16 pages, \$3.95 each

## How to Order

Telephone orders are encouraged to ensure that you are ordering the publications best suited to your needs. Please call (520) 526-1157, ext. 226. We accept Visa, MasterCard, and Discover Card. To mail order, enclose a check (payable to SPMA) for the amount plus postage and handling, or provide your credit card number and expiration date. Prices are subject to change.

### Postage & Handling Rates:

Up to \$4	\$2.00
\$4.01 - \$15	\$4.00
\$15.01 - \$25	\$5.00
\$25.01 - \$50	\$6.00
\$50.01 - \$100	\$6.50
Over \$100: Actual postage + \$1	

International shipments, add \$1

Posters, add \$5 for mailing tubes and shipping

# Exploring Flagstaff

The country that surrounds Flagstaff is some of the most fascinating and beautiful in the Southwest. Within an 80 mile radius of Flagstaff, a day on the road can take you from lush, green forests to the rugged, colorful desert. A trip here introduces you to cultural and natural resources from the past to the present. For many people this is the beginning of a new and consuming interest. Here are just a few places you can explore:

**1 MUSEUM OF NORTHERN ARIZONA**  
 Rt. 4 Box 720, Flagstaff, AZ 86001 (520) 774-5211  
 Large collection of southwestern Native American arts. Geology of the Colorado Plateau.

**PIONEER MUSEUM**  
 2340 N Fort Valley Rd, Flagstaff, AZ 86001  
 (520) 774-6272  
 Photographs, artifacts and memorabilia from Arizona's past. Emery Kolb Collection of Grand Canyon photography. Open year round, Mon-Sat.

**2 LOWELL OBSERVATORY**  
 1400 West Mars Hill Rd. Flagstaff, AZ 86001-4499  
 (520) 774-2096  
 See the stars and planets day or night. Guided tours, lectures, and slide shows.

**ELDEN PUEBLO**  
 P.O. Box 3496, Flagstaff AZ (520) 527-3475  
 During the summer watch excavation in progress on this Sinagua site dating to 1200 AD.

**RIORDAN MANSION STATE PARK**  
 1300 Riordan Ranch St, Flagstaff, AZ 86001  
 (520) 779-4395  
 Massive log cabin home built in 1904 by Flagstaff's prominent family. Historic furnishings and personal effects. Guided tours daily.

**3 THE ARBORETUM AT FLAGSTAFF**  
 P.O. Box 670 Flagstaff, AZ 86002 (520) 774-1441  
 An extensive exhibit of native plants and flowers of the Colorado Plateau. Closed in winter.

**4 THE SAN FRANCISCO PEAKS**  
 Trail system for hikers and bikers. Alpine and Nordic skiing; summer skyride to 11,000 feet.

**5 SEDONA & OAK CREEK CANYON**  
 Chamber of Commerce, Forest Rd, Sedona, AZ 86336  
 (800) 288-7336. Drive Oak Creek Canyon Scenic Highway to Sedona, surrounded by red rock formations of spectacular beauty. Hiking, camping, jeep tours, fishing, horseback riding, golf. 30 miles south of Flagstaff.

**6 METEOR CRATER**  
 P.O. Box AC, Winslow, AZ 86047 (520) 289-4002  
 The best preserved meteor impact site on earth, this giant crater measures 570 feet deep and nearly a mile across. Observation deck, tours, museum, gift shop. Privately owned; admission charged, open year round. 35 miles east of Flagstaff on I-40

**7 HOMOLOVI RUINS STATE PARK**  
 HC63 Box 5, Winslow AZ 86047 (520) 289-4106  
 Major ruins and rock art dating 1250-1400 AD.

These central offices can provide maps and information to help plan your visit:

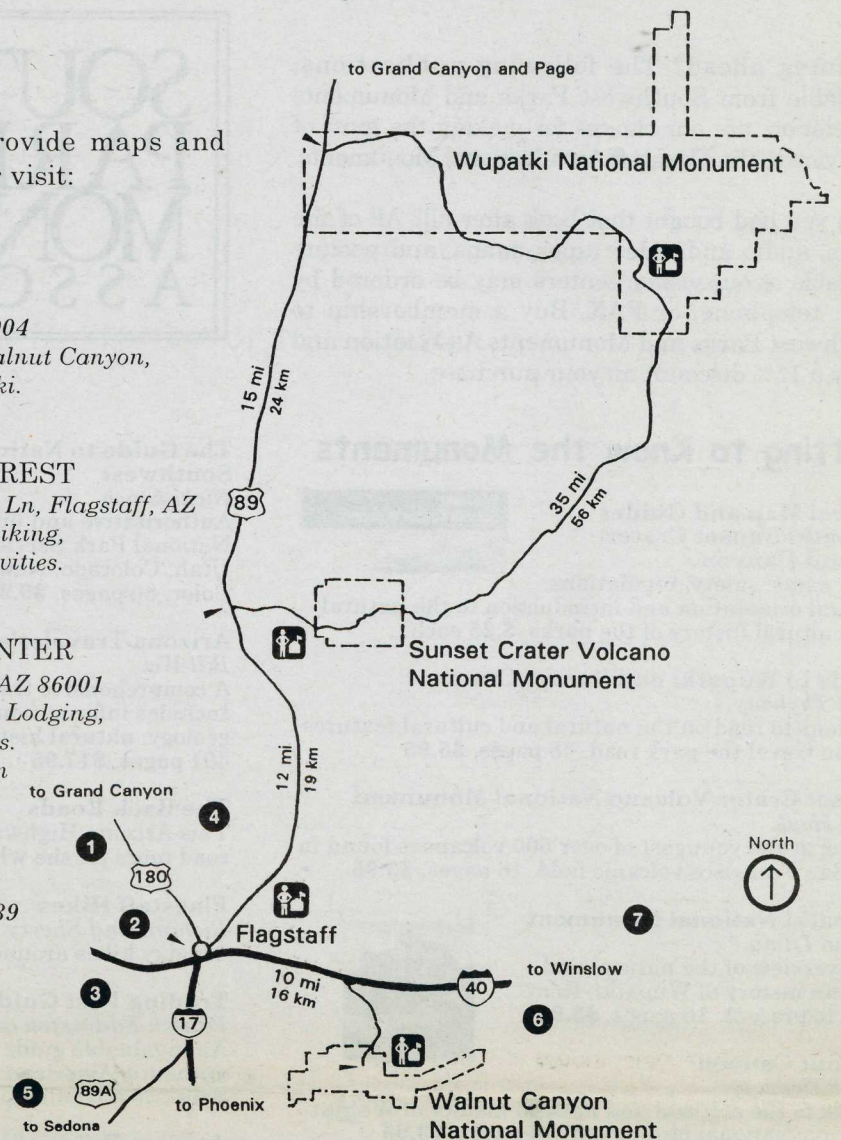
**FLAGSTAFF AREA NATIONAL MONUMENTS**  
 6400 N. Hwy 89, Flagstaff, AZ 86004  
 (520) 526-1157. Information on Walnut Canyon, Sunset Crater Volcano and Wupatki.  
 Hours: 8am-5pm, daily.

**COCONINO NATIONAL FOREST**  
 Supervisors Office, 2323 Greenlaw Ln, Flagstaff, AZ 86004 (520) 527-3491. Camping, hiking, fishing, and other recreational activities.  
 Hours: 7:30am-4pm, Mon-Fri.

**FLAGSTAFF VISITORS CENTER**  
 101 West Santa Fe Ave, Flagstaff, AZ 86001  
 (520) 774-9541 or 1-800-842-7293. Lodging, dining, events, and area attractions.  
 Hours: 8am-6pm Mon-Sat, 8-5 Sun

**HOPI RESERVATION HOPI TRIBAL COUNCIL**  
 P.O. Box 123 Kykotsmovi, AZ 86039  
 (520) 734-2441

**NAVAJO NATION**  
 POB 663 Window Rock, AZ 86515  
 (520) 871-6659



## Yes!

I want to participate in the General Management Planning Process for the Flagstaff Area National Monuments. Please add my name to your mailing list:

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Please drop off at one of our visitor centers or mail to: National Park Service, 6400 North Hwy 89, Flagstaff, AZ 86004

## Get Involved...Volunteer with the National Park Service

Would you like to get to know your parks better? Consider becoming a Volunteer-In-Parks (VIP)! Your skills and enthusiasm are needed in a variety of areas from greeting visitors, to maintaining facilities, to monitoring park resources. VIPs can work part time or full time, year round or for a few months. Housing or RV hook-ups are sometimes available. Want to find out more?

If the idea of volunteering at Wupatki, Walnut Canyon, or Sunset Crater Volcano National Monument appeals to you, please contact us at:

Flagstaff Areas Volunteer Program  
 Rt.3 Box 149, Flagstaff, AZ 86004  
 Attn: Volunteer Coordinator



Printing of the Ancient Times is made possible by a donation from Southwest Parks and Monuments Association. No government funds are expended. This guide is printed with soy ink on recycled paper. Please recycle or share it with a friend.