## DARK-SKIES ARIZONA

Explore the state's best dark-sky places, parks, and observatories to stargaze.

ARIZONA
THE GRAND CANYON STATE





**DARK-SKY COMMUNITIES** 

# OF THE 24 CERTIFIED IDA INTERNATIONAL DARK-SKY COMMUNITIES IN THE US, 7 ARE IN ARIZONA.

#### These include:

#### Big Park/Village of Oak Creek, Arizona

Nestled within close proximity of Sedona's red rocks, the community of Big Park—or Village of Oak Creek—serves as the area's designated Dark-Sky Community. Through great efforts surrounding environmental policy and education, the expanse of the Milky Way and star-studded skies can be enjoyed by the entirety of unincorporated Yavapai County.

#### Camp Verde, Arizona

Imagine a town in central Arizona full of history and rich in Western rural character, not to mention 18 miles of river meandering through town limits. Welcome to Camp Verde.
Blanketed by the lush Verde River Valley, this rural gem was named Arizona's fifth Dark-Sky Community, recognizing the area's dedication to policy and education regarding all things dark-sky. Ranked a top destination for Milky Way visibility, these stunning nighttime views can't be missed.

#### Flagstaff, Arizona

Arizona helped birth the dark-sky preservation movement when, in 2001, the International Dark-Sky Association designated Flagstaff as the world's very first Dark-Sky Place for the city's commitment to protecting its stargazing-friendly night skies. As the home base of the famous Lowell Observatory and U.S. Naval

Observatory Flagstaff Station, Flagstaff continues to trailblaze in outdoor lighting activism and policy. This growing vibrant community strives to innovate and educate visitors on the beauty and protection that dark-sky measures provide to residents and travelers alike.

#### Fountain Hills, Arizona

A fountain may be what this city is most famous for, but it's the surrounding community that gives Fountain Hills life. Sitting just along the border of Scottsdale, northeast of the more-developed portion of metropolitan Phoenix, outdoor wandering is encouraged here. With glimpses of the Milky Way in their own backyard, residents enjoy the opportunity to view the night sky eclipsing the bordering McDowell Mountains. After forming the Fountain Hills Dark-Sky Association in 2015, the Fountain Hills community strives to educate on outdoor lighting and dark-skies as a compliment to quality of life.

#### Sedona, Arizona

Regarded by Native Americans as sacred,
Sedona continues to be recognized as a place
of healing and spiritual renewal. From the
majestic crimson rock formations to energy
vortexes, Sedona stimulates a sense of
exploration and discovery. Despite being a
prime tourist destination, Sedona spotlights
the importance of dark-skies preservation—
fully embracing its IDA designation for those
who work and play in this natural wonder.





#### Thunder Mountain Pootseev Nightsky-Kaibab Paiute Reservation, Arizona

Located on the Arizona/Utah border and within close proximity to the Grand Canyon, the Kaibab Band of Paiute Indians' tribal lands expands across 189 square miles and is home to five tribal villages—as well as Pipe Spring National Monument. As a tribute to the sovereignty of the Kaibab Band of Paiute Indians, the name "Thunder Mountain Pootsee Nightsky" signifies dark-skies and Thunder Mountain as a cornerstone of the Kaibab Band of Paiute Indians' culture, and the local language of the Southern Paiutes. Truly, the tribes' connection to and protection of the local starry vistas serves as an inspiration to those who seek to model dark-sky principles.

#### Cottonwood, Arizona

Cottonwood offers an idyllic setting for abundant wildlife, gorgeous scenery, and colorful history. Designated by the IDA in 2019, this community inhabits 714 square miles—including a portion of the Verde River.

Cottonwood serves as an esteemed example of the benefits that dark-sky principles can bring to a community that strives to showcase its natural beauty.



#### NORTHERN ARIZONA

#### Sunset Crater Volcano National Monument

Offering multiple hiking trails around this former volcanic cinder cone, visitors can join rangers on tours to learn about geology, wildlife, and lava flows. The Visitor Center includes a bookstore, picnic tables, and interactive exhibits about volcanoes and the powerful forces behind them. Periodically, the Monument offers summer night sky events to take advantage of the beautiful dark-skies in the area. Take the 35-mile-long-loop and visit Wupatki National Monument as well.

LOCATION: 6082 Forest Service 545 Rd.

Flagstaff, AZ 86004 TEL: (928) 526-0502

#### Wupatki National Monument

Rock walls of 800-year-old pueblos dot a desert landscape once home to thousands of people. Visitor center exhibits explain how they survived by farming, hunting and gathering, and trading. Short trails lead to Wupatki, Lomaki, and other pueblos. Located on a loop road including Sunset Crater, the scenic drive climbs rapidly from desert to mountain landscapes.

LOCATION: 25137 Loop Rd. Flagstaff, AZ 86004 TEL: (928) 679-2365

#### **Walnut Canyon National Monument**

Walk among the cliff dwellings and pueblos where people lived 800 years ago. Experience the dramatic geology, varied vegetation and abundant wildlife that made their lives



For more information on the more than 50 state parks, national parks, and monuments across Arizona, check out the Arizona Parks Passport.



possible. The strenuous Island Trail descends into Walnut Canyon while the shorter Rim Trail offers overlooks and a pithouse display. The Island Trail is one-mile round-trip, and plan about one hour as the trail descends 185 vertical feet into the canyon.

LOCATION: 3 Walnut Canyon Rd.

Flagstaff, AZ 86004 TEL: (928) 526-3367

#### **Grand Canyon National Park**

As one of the seven natural wonders of the world, the Grand Canyon is on most people's bucket list and there is plenty to do. Visitors can walk along the rim, hike down into the canyon or take a Grand Canyon Field Institute Course, such as cultural classes, backpacking classes, or yoga. There are also helicopter rides, plane rides, an IMAX Grand Canyon movie, skydiving, Jeep tours, and more. The annual star party in June extends for eight days and includes slide shows, constellation tours, and telescope viewing, allowing visitors to explore the wonders of the night sky.

**LOCATION: South Rim Visitor Center:** 

6 S. Entrance Rd.

Grand Canyon Village, AZ 86023

**LOCATION: North Rim Visitor Center:** 

AZ-67

North Rim, AZ 86023 TEL: (928) 638-7888





## **Grand Canyon-Parashant National Monument**

This rugged and wild land features scenic views, desert cacti, sheer canyon walls, soaring raptors, tall ponderosa pines, isolated cattle corrals, line shacks, cowboys, rugged rock formations, and endless blue skies. Visitors to the Monument can explore the Nampaweap rock-art site which tells the history of native tribes through thousands of petroglyphs. Other notable locations in the park are Tassi Rand and Waring Ranch, which are historic homesteads. Hells Hole, a naturally eroded amphitheater, offers an incredible view of unique topography. As one of the most remote areas in the contiguous United States, Grand Canyon-Parashant offers night sky views that have won it a Gold Tier status from the IDA.

LOCATION: Littlefield, AZ 86432

TEL: (435) 688-3200

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#### **Petrified Forest National Park**

Within an area of colorful and strangely eroded badlands is a paleontological wonderland of trees that have turned to stone and fossilized animal bones from 225 million years ago.

At the northern end of the park is the Painted Desert, a vast area of purple, red and orange sediments which form colorful badlands.

Facilities include the Rainbow Forest Museum, two picnic areas, curio shops and a restaurant.

LOCATION: 1 Park Rd.

Petrified Forest National Park, AZ 86028

TEL: (928) 524-6228

#### **Pipe Spring National Monument**

This 40-acre northern Arizona ode to Native American history is home to the perfect combination of dark-skies, beautiful expanses of desert terrain, and cultural context. Pipe Spring National Monument serves as an ideal location to educate visitors about dark-sky awareness by way of educational programming-including moonlight hikes, star-viewing parties, and interpretive guidance.

LOCATION: 406 N. Pipe Spring Rd.

Fredonia, AZ 86022 TEL: (928) 643-7105

#### **Tonto National Monument**

Located less than a mile away from State Route 188 and along Theodore Roosevelt Lake, the Tonto National Monument was established in 1907 by President Theodore Roosevelt. This majestic place has both Upper and Lower Cliff Dwellings. Explore two cliff dwelling ruins of the Salado Indians from about 1300 AD while soaking in the surrounding nature. At night, pack your tent and camp in the nearby campground, taking in the beautiful dark-sky above.

LOCATION: 26260 AZ-188 Roosevelt, AZ 85545 TEL: (928) 467-2241

#### SOUTHERN ARIZONA

#### **Oracle State Park**

This 4,000-acre wildlife refuge in the northern foothills of the Catalina Mountains near Tucson offers picnic areas and more than 15 miles of trails for use by hikers, mountain bikers and equestrians. A section of the Arizona Trail crosses through the park. The Park provides environmental education programming for all ages and visitors can also take self-guided tours of the historic Kannally Ranch House, a four-level home featuring Mediterranean and Moorish architecture.

LOCATION: 3820 Wildlife Dr.

Oracle, AZ 85623 TEL: (520) 896-2425





#### **Kartchner Caverns State Park**

Experience a world-class limestone cave by day and a stunning dark-sky by night. The "live" cave is host to a wide variety of unique minerals and formations. Choose from three different cave tours, explore the exhibits at the Discovery Center, watch a video presentation in the theater, eat at the Bat Cave Café, and enjoy hiking trails, a garden, and the campground.

LOCATION: 2980 AZ-90 Benson, AZ 85602 TEL: (520) 586-4100

#### Tumacácori National Historical Park

This 2.5 acre area preserves what is left of the three Spanish mission communities: Mission San José de Tumacácori, Mission Los Santos Ángeles de Guevavi, and Mission San Cayetano de Calabazas. Visitors can enjoy evening programs that draw attention to the night sky as a cultural resource of what came before. This site serves as a place for

visitors to blast to the past and see what night skies looked like hundreds of years ago.

LOCATION: 1891 E. Frontage Rd. Tumacacori, AZ 85640 TEL: (520) 377-5060

#### **Chiricahua National Monument**

Visitors may explore a 12,000-acre "Wonderland of Rocks," complete with towering spires and unique rock formations. These are the remnants of a volcanic eruption that was one thousand times greater than the 1980 eruption of Mount St. Helens. The Monument also features the historic Faraway Ranch, a pioneer homestead and later a working cattle and guest ranch that is often open for tours. The Monument is a great destination for hikers and birders, and also offers periodic nighttime programming, including night sky exploration events and full moon hikes.

LOCATION: 12856 E. Rhyolite Creek Rd.

Willcox, AZ 85643 TEL: (520) 824-3560

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#### NORTHERN ARIZONA

#### **Lowell Observatory**

Founded in 1894, Lowell Observatory is an astronomical research facility that also features visitor programs. During the day explore the Observatory's history and current research by joining guided tours. In the evening, view the night sky through a variety of telescopes and experience interactive live presentations in the mini-planetarium. Also featured at the facility are multi-media programs, an exhibit hall and gift shop. The Giovale Open Deck Observatory at Lowell Observatory features one of the finest collections of telescopes available for public observing. This public observing plaza features six advanced telescopes, allowing guests to discover Flagstaff's celestial treasures.

LOCATION: 1400 W. Mars Hill Rd.

Flagstaff, AZ 86001 TEL: (928) 774-3358

#### **Apache-Sitgreaves Observatory**

Among its equipment, the Apache-Sitgreaves Observatory boasts the largest dedicated public telescope in the Southwest U.S.—a 36-inch telescope aperture. It is dedicated to educational outreach and public observation of the Universe. The Observatory, located at 7,000 feet elevation, is open on select days for night sky and solar viewing, and offers 1.5-3 hour programs.

LOCATION: Overgaard, AZ (See the map available at apache-sitgreaves.org/Map.html)

#### Winslow Homolovi Observatory

Winslow Homolovi Observatory is located in the Homolovi State Park, known for more than 340 archaeological sites. The Observatory was completed in January 2018 and was a joint effort of the City of Winslow, the Hopi Tribe, and residents. Among its equipment is a 14-inch Celetron CGO Pro 1400 telescope. The Observatory hosts a monthly star party, which generally takes place on the fourth Saturday of the month.

LOCATION: Homolovi State Park Entrance Rd.

Winslow, AZ 86047 TEL: (928) 289-4106

#### NORTH CENTRAL ARIZONA

#### Jim and Linda Lee Planetarium

Located on the campus of the Embry-Riddle Aeronautical University in Prescott, the Planetarium offers virtual programming for the public, from tours of the farthest reaches of the galaxy to a closer look at our own Moon.

LOCATION: 3700 Willow Creek Rd.

Prescott, AZ 86301 TEL: (928) 777-3422

#### CENTRAL ARIZONA

#### Gilbert Rotary Centennial Observatory

Built for the Town of Gilbert by the Gilbert Rotary Club in 2005 to mark the 100th anniversary of Rotary International, the observatory has now hosted more than 90,000 visitors. It is open year-round on Saturday evenings. At the monthly Public Star Party, there are additional telescopes as well as an astronomy-related lecture in the adjoining library.

LOCATION: 2757 E. Guadalupe Rd.

Gilbert, AZ 85234

#### **Arizona Science Center**

A family destination providing exploration, education, and entertainment for all ages. Explore more than 300 hands-on exhibits in five themed galleries. The 120,000-square-foot building has a maze of ramps, hallways, galleries, and terraces that creates an environment of discovery and investigation. Also included in the center is the largest planetarium in the state, an IMAX Movie Theater, City Bakery café, and a gift shop.

LOCATION: 600 E. Washington St.

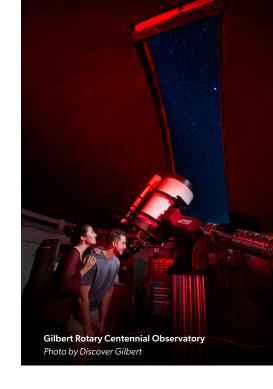
Phoenix, AZ 85004 TEL: (602) 716-2000

## Mesa Community College Planetarium

Mesa Community College is home to one of Arizona's newest Planetariums. Since opening, visitors have been invited to view the night sky and explore the universe for free in the theater and on the rooftop observation deck as part of the Astronomy Nights program offered on the first Friday of the month (February-May, September - December).

LOCATION: 1833 W. Southern Ave.

Mesa, AZ 85202 TEL: (480) 461-7015



#### SOUTHERN ARIZONA

#### Fred Lawrence Whipple Observatory

The Fred Lawrence Whipple Observatory is the largest field installation of the Smithsonian Astrophysical Observatory outside Cambridge, MA. The Visitors Center, located at the base of Mt. Hopkins in the Santa Rita Mountains, features displays and exhibits on astronomy and astrophysics, natural science, and cultural history. Reservations are required in advance. Persons with health issues affected by high altitude should consult their physician before touring.

LOCATION: 670 Mt. Hopkins Rd.

Amado, AZ 85645 TEL: (520) 879-4407

#### Mt. Lemmon Sky Center Observatory

The SkyNights Observatory is a popular after-dark program that takes advantage of the unique capabilities of the SkyCenter for experiencing the heavens. The SkyNights experience is offered most nights throughout

the year. Learn the constellations, observe interesting atmospheric phenomena, and view the wonders of the cosmos using a new 32-inch Schulman Telescope, one of Arizona's largest dedicated public viewing telescopes! Persons with health issues affected by high altitude should consult their physician before touring.

LOCATION: 9800 E. Ski Run Rd. Mt. Lemmon, AZ 85619 TEL: (520) 626-8122

## Mount Graham International Observatory

The Discovery Park Campus of Eastern Arizona College offers all-day tours of Mt. Graham International Observatory on many weekends from May to October. The tour features a 40-mile trip up scenic Mount Graham, focusing on the mountain's rich geology, history, and diversity of life; a lunch near the summit of the mountain; and a guided tour of the observatories—the Submillimeter Telescope, the Vatican Advanced Technology Telescope, and the Large Binocular Telescope! Reservations must be made in advance. Due to the altitude of 10,400ft (3,200m), persons with health issues affected by high altitude should consult their physician before touring.

LOCATION: 1651 W. Discovery Park Blvd.

Safford, AZ 85546 TEL: (928) 428-6260

#### **Patterson Observatory**

The Patterson Observatory is open to the public once a month on the Thursday nearest to the first quarter moon. Weather permitting, you will be able to view the heavens with the 20-inch Patterson Telescope and other instruments. Among possible sights are craters of the crescent moon, gas giant planets Uranus and Neptune, double stars, various star clusters, nebulae, planetary nebulae, and distant galaxies.

LOCATION: 1140 N. Colombo Ave.

Sierra Vista, AZ 85635 TEL: (520) 458-8278 ext. 2214

#### **Kitt Peak National Observatory**

Housing one of the largest collections of optical and radio telescopes in the world and located nearly 7,000 feet above the Sonoran Desert under some of the finest "dark-skies" in the world, the 24 optical and two radio telescopes at "Kitt Peak" represent dozens of astronomical research institutions. Visitors can watch scientists operate the world's largest solar telescope, embark on a guided tour, or participate in an overnight stargazing program. Daytime and nighttime programs are available by pre-registering through the Kitt Peak Visitor Center. Located 56 miles or 90 kilometers southwest of downtown Tucson.

LOCATION: AZ-386 Sierra Vista, AZ 85635 TEL: (520) 318-8726

#### Richard F. Caris Mirror Lab

Through 90-minute tours, guests have a unique opportunity to learn how innovative engineering and optical technology meld with manufacturing techniques to produce the largest (8.4 meters / 27 ft) and most advanced telescope mirrors in the world. Visitors will see the unparalleled technology and revolutionary processes involved in making the next generation of telescopes that will explore deep into outer space and produce cuttingedge scientific research. The University of Arizona College of Science is ranked #1 among observational, theoretical, and space astronomy programs in the U.S.

LOCATION: 527 National Championship Dr.

Tucson, AZ 85719 TEL: (520) 626-8792

## The University of Arizona Flandrau Science Center & Planetarium

Blending science and learning for all ages through interactive exhibits, astronomy, and laser- light shows in the planetarium, the center also features free viewings through a 16-inch telescope, during which a volunteer astronomer team helps visitors discover celestial gems.

LOCATION: 1601 E. University Blvd.

Tucson, AZ 85721

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TEL: (520) 621-7827 or (520) 621-4516

### OTHER PLACES FOR SPACE FANS THAT OFFER ASTRONOMY PROGRAMMING

#### NORTHERN ARIZONA

#### Alamo Lake State Park

Nestled in the Bill Williams River Valley, Alamo Lake State Park is a crystal-clear lake surrounded by mountainous terrain speckled with brush, wildflowers, and cacti. Stargazers are sure to enjoy the amazing views of the night sky and the annual star party, with the nearest city lights some 40 miles away.

LOCATION: Alamo Rd. Wenden, AZ 85357 TEL: (928) 669-2088

#### Homolovi State Park

"Homolovi" is Hopi for "Place of the Little Hills." Homolovi State Park includes Hopi archaeological sites from AD 620-1400, a visitor's center and museum, various trails, and a campground. For astronomy fans, the park offers monthly star parties and the Winslow Homolovi Observatory.

Entrance Rd.
Winslow, AZ 86047
TEL: (928) 289-4106

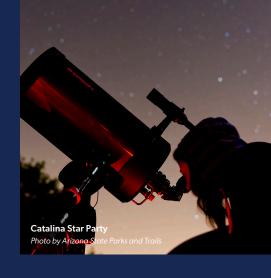
**LOCATION: Homolovi State Park** 

#### **Meteor Crater**

Meteor Crater is the best-preserved impact site on earth. Nearly a mile across and 570 ft. deep, this giant crater was created 49,000 years ago by a nickel-iron meteor denser than any material found on earth. The Meteor Crater Interactive Discovery Center, allows visitors to explore exciting displays and exhibits and relive the intensity of the meteor impact.

LOCATION: Interstate 40, Exit 233

Winslow, AZ 86047 TEL: (928) 289-5898



#### **SOUTHERN ARIZONA**

#### Catalina State Park

Sitting at the base of the majestic Santa Catalina Mountains, the 5,500-acre park is a haven for desert plants and wildlife and nearly 5,000 Saguaros. The park provides miles of equestrian, birding, hiking, and biking trails which wind through the park and into the Coronado National Forest at elevations near 3,000 feet. The park offers periodic night sky events.

LOCATION: 11570 N. Oracle Rd.

Tucson, AZ 85737 TEL: (520) 628-5798

#### Saguaro National Park

Those in search of a trek through the classic, towering Saguaro cacti for which the Sonoran Desert is famous can set out on the many trails in Saguaro National Park in the Tucson Mountains just west of the city. One of the Park's attractions is the Signal Hill Petroglyphs—ancient rock art created by the extinct Hohokam tribe. The park is made up of two districts separated by Tucson's 1 million residents. It offers two visitor centers and many events and programs, including periodic star parties.

LOCATION: Rincon Mountain Visitor Center,

3693 S. Old Spanish Trail Tucson, AZ 85730

TEL: (520) 733-5153





## WHERE TO STAY

#### **NORTHERN ARIZONA**

#### **Clear Sky Resorts**

Opened in 2021, Clear Sky Resorts is America's first and only luxury Sky Dome resort, located just 20 minutes from the Grand Canyon National Park's South Rim. The geodesic dome structure with the comforts of a luxury hotel room while simultaneously giving the feeling of camping outdoors under a canopy of thousands of stars.

#### **Grand Canyon National Park Lodges**

Time an overnight stay at one of six hotels operated by Grand Canyon National Park Lodges with one of the National Park Service's frequent astronomy talks (check the park's calendar for dates), or attend the annual Grand Canyon Star Party. Held each June, the week-long event features free nightly astronomy talks, constellation tours and telescope viewing.

#### **Under Canvas**

Sleep under the stars in your own safari-style luxury tent just 25 minutes from Grand Canyon National Park's South Rim. Glamping operator Under Canvas' "Stargazer" tent has a viewing window directly above its king-sized bed allowing perfect views of the stars as you drift to sleep (wishing optional). Bookings are available April through November.

#### Yavapai Lodge

Also located within the Grand Canyon, Yavapai Lodge is a family-, bike- and pet-friendly hotel that now offers guests a "Constellations at the Canyon" package. In addition to overnight accommodations, you'll receive a flashlight and a stargazing map with a red lens filter insert to help you view the constellations and other "awe-inspiring celestial bodies."

#### CENTRAL ARIZONA

#### **ADERO**

Located in the picturesque Sonoran Desert within the Dark-Sky Community of Fountain Hills, ADERO is a stargazer's dream.

Encouraging guests to stay up late, this luxury resort boasts its very own Stargazing Lawn as well as guided stargazing events hosted by "Star Dudes," the hotel's resident Dark-Sky Zone Experts.

## Four Seasons Resort Scottsdale at Troon North

Light from the nation's fifth-largest city makes stargazing in Phoenix-proper difficult, but you don't have to venture too far from downtown for that to change. In the foothills of North Scottsdale, resort guests can enjoy complimentary stargazing on Thursdays with a specialist and a professional telescope at Four Seasons Resort Scottsdale at Troon North.

#### Boulders Resort & Spa

Also in north Scottsdale, Boulders Resort & Spa offers several stargazing options. You can view planets, stars and the moon's surface with the help of the resort's professional astronomer or pick out celestial points of interest on your own using the constellation app installed on each guest room's iPad. The resort also offers starlit dinners and moonlight bicycling.

#### SOUTHERN ARIZONA

## Westward Look Wyndham Grand Resort & Spa

At Westward Look—a renovated, 80-acre ranch at the base of the Santa Catalina Mountains and the oldest resort in Tucson—you can peer into deep space using the Celestron 2000 telescope near the main pool. Staff can help get you started from dusk until midnight every night.

#### **Cat Mountain Lodge**

Cat Mountain Lodge and Roadside Inn are two eco-friendly bed and breakfasts in a vintage ranch setting, next to the privately-owned Spencer Observatory. Nestled near the base of the Tucson Mountains, the lodge features five rooms, each with a private bath, sitting area and French doors opening onto a central courtyard filled with native plants. Whether it's your first experience or you've been stargazing for years, you will enjoy a personalized guided star tour of Southwest Arizona's dark-skies.







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White Mesa Arch