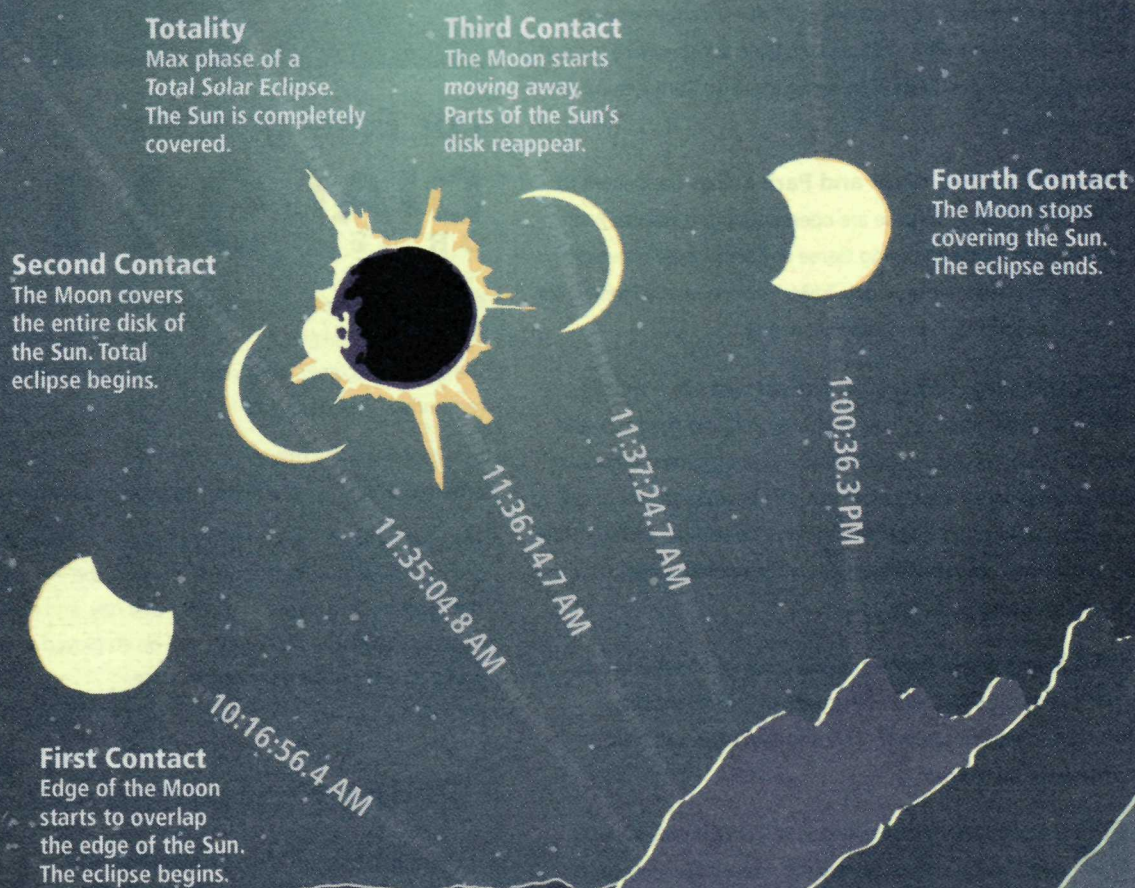


Total Solar Eclipse

August 21, 2017

Grand Teton National Park
John D. Rockefeller, Jr.
Memorial Parkway



Know Before You Go!

Expect heavy congestion, traffic gridlock and long delays. Consider staying in place after the eclipse until traffic thins.

Be prepared with water, food, and vehicle fuel for the day. Have eclipse viewing glasses, and be sure to allow extra time to get to your destination. Bring a minimum of 2 quarts of water per person.

Vehicles blocking traffic flow or access for emergency vehicles will be towed and ticketed.

NO ROADSIDE PARKING along US Highway 26/89/191, Moose-Wilson Road and Teton Park Road.

Designated viewing areas are available at five locations, see page 3.

Overnight parking or camping in roadside pullouts, turnouts, or parking lots is not allowed. Camping is only allowed in designated campgrounds.

Eclipse parking begins at 6 am on Monday, August 21, parkwide and not prior. Plan to find your spot at least an hour before the eclipse begins.

Charcoal burning fires are only allowed in official campgrounds and picnic areas.

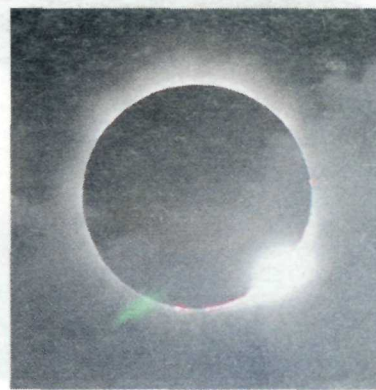
Stoves and grills that burn contained fuel sources that can be turned on and off are allowed. Stoves and grills must be attended to at all times and be setup on hardened surfaces devoid of vegetation at least three feet in diameter.

Portable toilets will be located throughout the park, including the Gros Ventre Road Viewing Area.

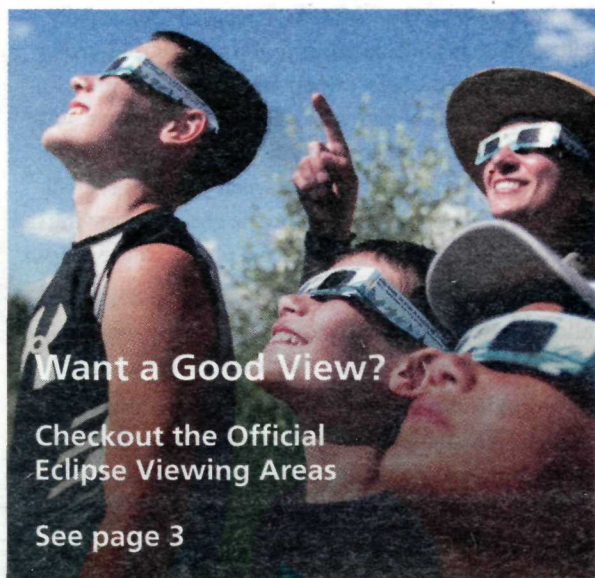
The 2017 Solar Eclipse Across America will be visible on August 21, 2017

across the continental United States. The centerline of the solar eclipse will pass over Grand Teton National Park. Visitors will experience the moon's shadow rushing over the landscape with the Teton Range backdrop. The mid-day darkness will be stunning and the Sun's corona will be awe-inspiring—observed only during the brief totality.

August 21 is anticipated to be the busiest day in the history of the park. On eclipse day, the park will alter traffic flow and parking to accommodate eclipse viewers and maintain safe access. Visitors are invited to view the eclipse along the center path of totality by the Gros Ventre Road, or at designated Official Eclipse Viewing Areas (see page 3) where rangers and astronomers will provide telescopes and interpretive programs. During the eclipse event, please help ensure a successful day by respecting park resources, following all temporary parking and travel restrictions, and packing out all litter.



Sun in Totality



Want a Good View?

Checkout the Official Eclipse Viewing Areas

See page 3



Look at the Sun, Safely

Learn about Eclipse Glasses and other ways to view the eclipse safely

See page 2



Special Eclipse Programs

Explore the skies with a Dark Ranger and other special guests

See page 5 for details

Eclipse Viewing Logistics

Whether you watch the eclipse from the backcountry, in the partial eclipse path, the path of totality, or from one of the Official Eclipse Viewing Areas, your plans should consider all aspects of the following logistics:

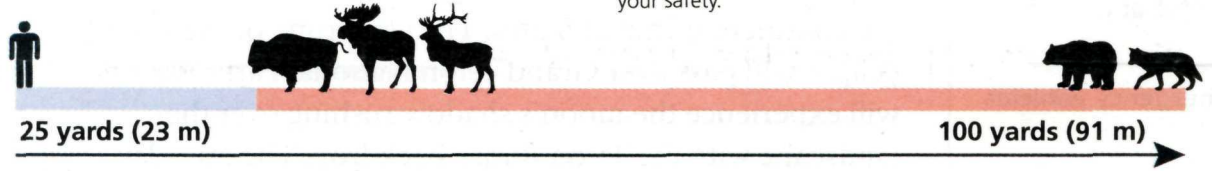
 **Entrance Fee.** On the day of the eclipse, Monday, August 21, entrance fees for Grand Teton National Park will be waived to facilitate traffic flow. Entrance fees will be charged all other days.

 **Roads and Parking.** Roadside parking will be prohibited along US Hwy 26/89/191, the Teton Park Road, and the Moose-Wilson Road on August 21. Parking is available first-come, first-served at most designated scenic turnouts and parking areas in the park. Parking for eclipse viewing will not be allowed in the park prior to 6:00 am on August 21.

 **Biking, hiking, and carpooling** are highly encouraged to minimize traffic. There is no public transportation to the park. The park multi-use pathway will remain open during the eclipse. Bicycles will be allowed everywhere they are traditionally allowed to go.

 **Information.** Park staff will be stationed at turnouts, viewing areas, trailheads, boat launches, and other key locations to provide visitor information and manage parking. For more information call the eclipse information line at 307-739-3566, park road information line at 307-739-3682, or contact a park ranger at a visitor center. Variable message boards will be located along roadways to communicate traffic and road information.

 **Always maintain a distance of at least 100 yards from bears and wolves, and 25 yards from other wildlife.** Let wildlife thrive undisturbed. If your actions cause an animal to flee, you are too close. It is illegal to feed any wildlife—birds, ground squirrels, bears, or foxes. If fed, any animal may become unhealthy, bite you, and expose you to rabies.



 **Restrooms** are available at all visitor centers and at most trailheads. Additional portable toilets will be located throughout the park, including along the Gros Ventre Road viewing area.

 **Snake River and Park Lakes** designated for watercraft use are open during the eclipse. Park boat permits and a Wyoming Game and Fish Aquatic Invasive Species(AIS) decal are required. Trailer parking is very limited. For more information go nps.gov/tetonboating.

 **Lodging.** Several concessionaires provide overnight accommodations, however, most lodging has been sold out for the dates around the eclipse. Most accommodations in local communities are also sold out. We encourage you to call the lodging location for confirmation or to visit the Jackson Hole Chamber of Commerce website at jacksonholechamber.com for possible lodging accommodations.

 **Camping** in the park is only allowed at designated campgrounds. Most campgrounds are first-come, first-served and all campgrounds and campsites will fill in advance of the eclipse.

 **Backcountry camping** in the park is only allowed with a permit. Backcountry permits are available on a first-come first-served basis and will be very limited due to high demand. Campers without backcountry permits will be turned away at the trailheads or escorted from the backcountry and may be issued a citation.

 **Backcountry.** The backcountry is open to climbers and hikers. Many peaks are expected to see increased visitation. Rescue resources will be extremely limited, so appropriate skill level relevant to the climb or hike is essential to your safety.



For Emergencies

DIAL 911
OR TEXT

Please note, the park anticipates very high visitation on the day of the eclipse, as well as the days before and after the eclipse. All emergency requests will be prioritized and responded to as quickly as feasible.

Due to the volume of users during the eclipse, cell phone coverage and internet service may be unavailable.

The park plans to have additional law enforcement and emergency services personnel to manage the event. Additionally, all park staff working that day, and not essential to another operation, will be employed to provide a safe and enjoyable visitor experience.

Eclipse Information

Check park visitor centers and entrance stations or find a ranger.

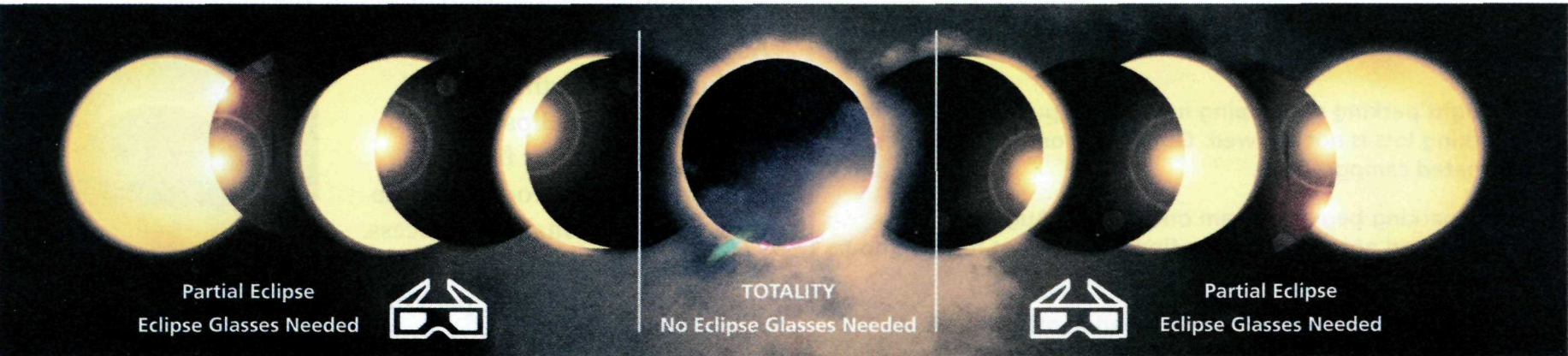
Park Website: www.nps.gov/grandteton

Check Park Twitter and Facebook accounts @GrandTetonNPS

Eclipse Info Line: 307-739-3566

Road Info Line: 307-739-3682

Additional community information, including Bridger-Teton National Forest information, can be found at tetoneclipse.com.

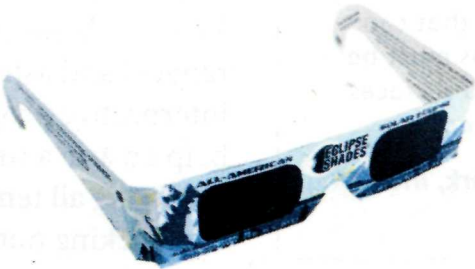


Safe Viewing

Looking directly at the Sun is unsafe except during the brief total phase of a solar eclipse (“totality”), when the Moon entirely blocks the Sun’s bright face, which will happen only within the narrow path of totality. The only safe way to look directly at the uneclipsed or partially eclipsed Sun is through special purpose solar filters, such as eclipse glasses or hand-held solar viewers. Homemade filters or ordinary sunglasses, even very dark ones, are not safe for looking at the Sun.

To date, five manufacturers have certified that their eclipse glasses and hand-held solar viewers meet the ISO 12312-2 international standard for such products: American Paper Optics, Baader Planetarium (AstroSolar Silver/Gold film only), Rainbow Symphony, Thousand Oaks Optical, and TSE 17. Certified eclipse glasses are available at all park visitor centers and park viewing areas, while supplies last.

- Always inspect your eclipse glasses before use; if scratched or damaged, discard them. Read and follow any instructions printed on or packaged with the filter. Always supervise children using eclipse glasses.



- Stand still and cover your eyes with your eclipse glasses before looking up at the bright Sun. After glancing at the Sun, turn away and remove your eclipse glasses — do not remove them while looking at the Sun.
- Do not look at the uneclipsed or partially eclipsed Sun through an unfiltered camera, telescope, binoculars, or other optical device. Similarly, do not look at the Sun through a camera, a telescope, binoculars, or any other optical device while using your eclipse glasses or hand-held solar viewer — the concentrated solar rays will damage the filter and enter your eye(s), causing serious injury. Seek expert advice from an astronomer before using a solar filter

with a camera, a telescope, binoculars, or any other optical device.

- When totality occurs, remove your eclipse glasses only when the Moon completely covers the Sun’s bright face and it suddenly gets quite dark. Experience totality. Then, as soon as the bright Sun begins to reappear, replace your eclipse glasses to glance at the remaining partial phases.

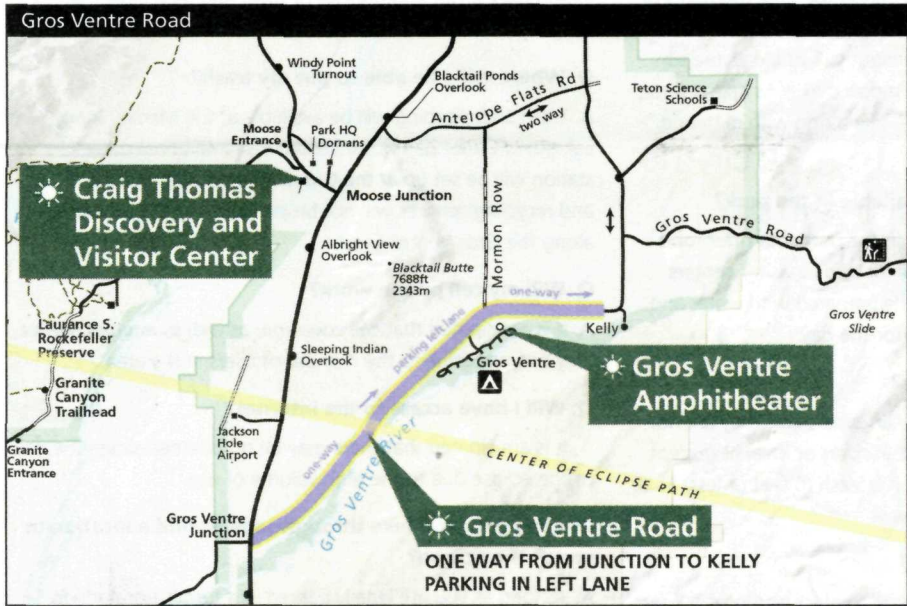
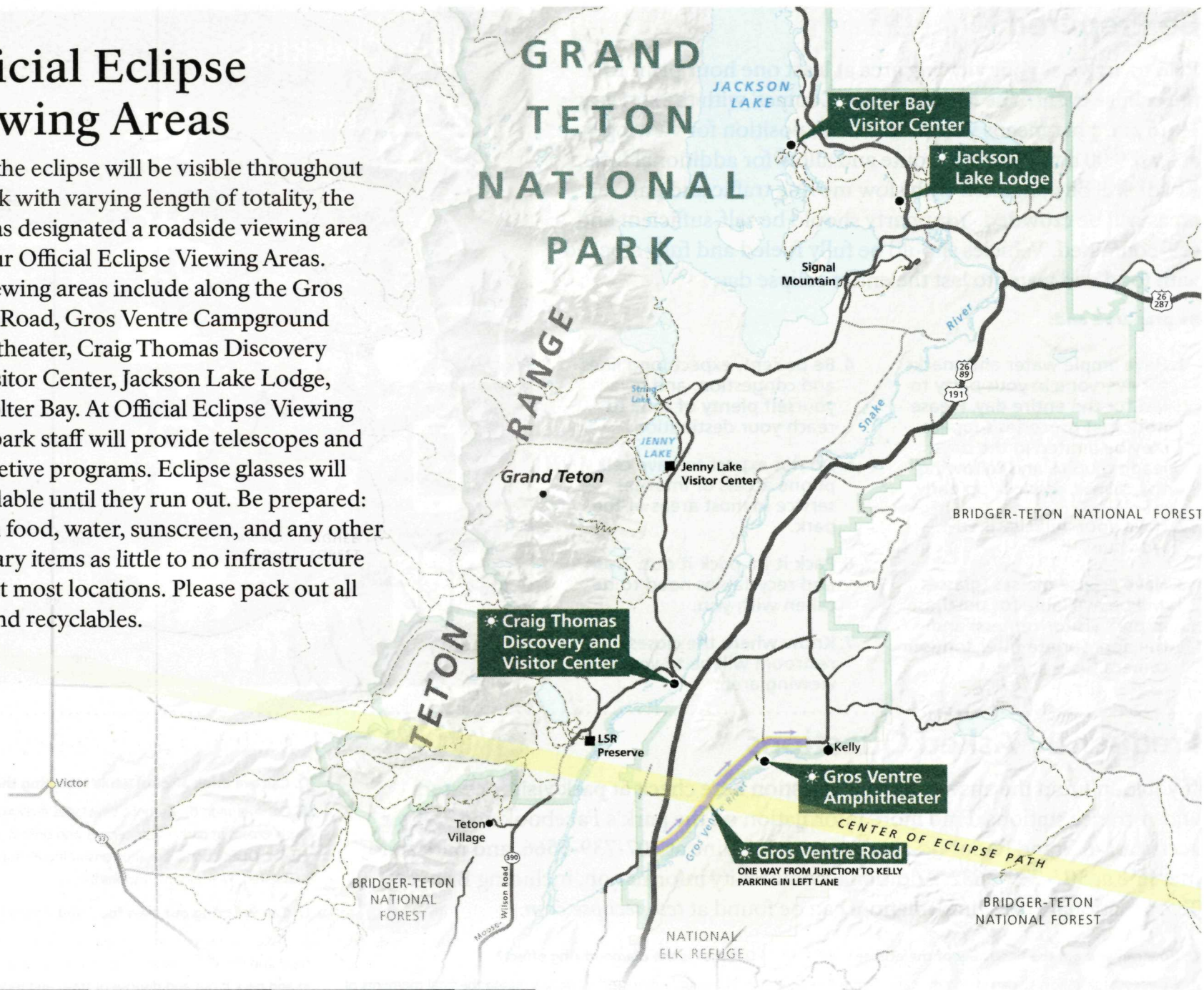
An alternative method for safe viewing of the partially eclipsed Sun is pinhole projection. For example, cross the outstretched, slightly open fingers of one hand over the outstretched, slightly open fingers of the other. With your back to the Sun, look at your hands’ shadow on the ground. The little spaces between your fingers will project a grid of small images on the ground, showing the Sun as a crescent during the partial phases of the eclipse.

A solar eclipse is one of nature’s grandest spectacles. By following these simple rules, you can safely enjoy the view and be rewarded with memories to last a lifetime.

These guidelines do not constitute medical advice. Visitors with questions should contact a qualified eye-care professional. Information sourced from AAS, NASA, and partners. More information: eclipse.aas.org or eclipse2017.nasa.gov

Official Eclipse Viewing Areas

While the eclipse will be visible throughout the park with varying length of totality, the park has designated a roadside viewing area and four Official Eclipse Viewing Areas. The viewing areas include along the Gros Ventre Road, Gros Ventre Campground Amphitheater, Craig Thomas Discovery and Visitor Center, Jackson Lake Lodge, and Colter Bay. At Official Eclipse Viewing Areas park staff will provide telescopes and interpretive programs. Eclipse glasses will be available until they run out. Be prepared: pack in food, water, sunscreen, and any other necessary items as little to no infrastructure exists at most locations. Please pack out all trash and recyclables.



Gros Ventre Road

The Gros Ventre Road will be the largest eclipse viewing area in the park and is at the center of the eclipse path. The road will be one-way traffic eastbound from the junction with US Hwy 26/89/191 to the community of Kelly, and parking will be allowed in the left lane. Totality will last for 2 minutes and 19 seconds along the road. Portable toilets will be along the road, WATER WILL NOT BE AVAILABLE. Gros Ventre Road has little or no infrastructure so be prepared with all necessary items.

Gros Ventre Amphitheater

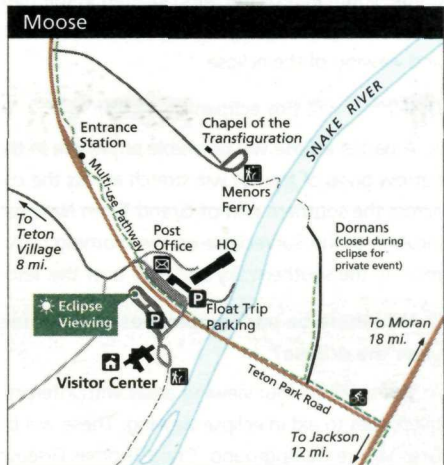
The Gros Ventre Amphitheater is located in the Gros Ventre Campground and is along the centerline of the eclipse. Dark Ranger Kevin Poe, astronomers, and park rangers will be presenting interpretive programs and have telescopes during the eclipse. Campers at Gros Ventre Campground, visitors who park along the Gros Ventre Road, or bicyclists/hikers are welcome to join the programs at the amphitheater. Totality will last for 2 minutes and 19 seconds at Gros Ventre.



Parking passes are required for the limited parking available at the Gros Ventre Amphitheater. No oversized vehicles including RVs, buses, or trailers. Free passes for the 100 parking spaces at the amphitheater, including accessible passes, will be distributed on Saturday, August 19 starting at 8:00 am from the Craig Thomas Discovery and Visitor Center in Moose and the Colter Bay Visitor Center.

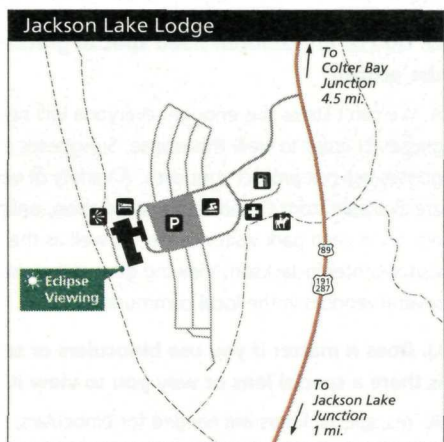
Craig Thomas Visitor and Discovery Center

The Craig Thomas Discovery and Visitor Center in Moose is located just north of the center of the eclipse path. Totality will last for 2 minutes and 19 seconds in Moose. The viewing area will be in the west end of the visitor center parking lot. Park rangers will be presenting interpretive programs and have telescopes during the eclipse. Parking is limited, park in designated areas only.



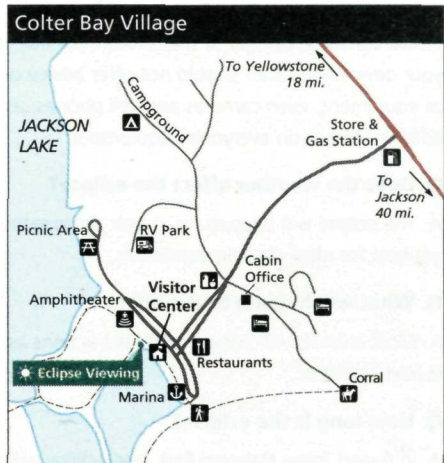
Jackson Lake Lodge

Jackson Lake Lodge is located north of Jackson Lake Junction with expansive views of the range, valley, and Jackson Lake. Astronomers and park rangers will be presenting interpretive programs and have telescopes during the eclipse. Totality will last 1 minute and 50 seconds at the lodge. The viewing area is outside the lodge on the south end of the terrace. Parking is limited, park in designated areas only.



Colter Bay Visitor Center

The Colter Bay Visitor Center is the northernmost visitor center in the park—located along the shore of Jackson Lake. The viewing area will be located along the lake shore behind the visitor center. Park rangers will be presenting interpretive programs and have telescopes during the eclipse. Totality will last for 1 minute and 47 seconds at Colter Bay.



Be Prepared

Plan to arrive at your viewing area at least one hour prior to the eclipse event. The Moon's 'First Contact' with the sun is at 10:16 am. That means you should be in position for viewing by at least 9:00 am. Plan your route and allow for additional time. Roads will be congested with slow moving traffic and parking areas will be crowded. Your party should be self-sufficient and self-contained. Vehicles should be fully fueled and fully stocked with food and water to last the entire eclipse day.

Be prepared and:

1. Have ample water and snacks for everyone in your party to last for the entire day. Please note that groceries/supplies may be limited in the days leading up to and following the eclipse, so stock up early.

2. Have your vehicle filled with fuel.

3. Have eclipse glasses (glasses will be available for purchase at park visitor centers) and the appropriate filter for your camera.
4. Be patient, expect long lines and congestion, and give yourself plenty of time to reach your destination.

5. Do not expect to have cell phone access or internet service in most areas of the park.

6. Pack it in, pack it out. Trash and recyclables need to be taken with you.

7. Know where the closest restroom will be to your viewing area.

Eclipse Checklist

Eclipse Glasses

Sun Screen

Water
atleast 2 quarts per person

Bug Spray

Food

Rain Jacket

Cell Phone
limited reception

Full Tank of Gas

Map

Bear Spray

Frequently Asked Questions

If you don’t find the answer to your question here check at park visitor centers and entrance stations. Find more information on the park’s Facebook and Twitter accounts at GrandTetonNPS, park eclipse info line at 307-739-3566, and park road info line at 307-739-3682. Additional community information, including Bridger-Teton National Forest information, can be found at tetoneclipse.com.

Q. How can you get the best view of the eclipse?

A. We encourage visitors to park along the Gros Ventre Road, on the south end of the park, located in the path of totality. This area is being specifically staffed and managed for visitor parking and viewing of the eclipse.

Q. Where will the eclipse be visible?

A. A partial eclipse will be visible anywhere in the lower 48. A narrow band of totality will stretch across the country, including across the southern end of Grand Teton National Park. The location of the Sun/eclipse on the morning of August 21 will be more in the southern sky and NOT over the Tetons.

Q. Will there be park employees or volunteers to help me view the eclipse?

A. There will be four viewing areas with interpretive rangers and telescopes to aid in eclipse viewing. These will be located at the Gros Ventre Campground, Craig Thomas Discovery and Visitor Center, Jackson Lake Lodge, and the Colter Bay Visitor Center.

Q. Do I or my children need special glasses for viewing the eclipse?

A. We can’t stress this enough: everyone will need eclipse glasses in order to view the eclipse. Sunglasses and welding glasses will not protect your eyes. A variety of viewing glasses are available from Grand Teton Association, online or from their outlets in each park visitor center, as well as the interagency visitor center in Jackson. Viewing glasses are also available from several vendors in the local communities.

Q. Does it matter if you use binoculars or telescope? If so is there a special lens or way you to view it?

A. Yes, special filters are needed for binoculars, telescopes and cameras. Your equipment, and possibly your vision, will be damaged if not properly designed or fitted for a solar eclipse. Please consult a camera or media store for filter specifics for your device. Park staff should not offer advice on specific pieces of equipment, even cameras and cell phones, as there are different lenses on everyone's equipment.

Q. Does the weather affect the eclipse?

A. The eclipse will happen no matter the weather. Clear skies are best for ideal viewing conditions.

Q. What will happen to the animals?

A. Most animals will behave and take actions as routine for sunset and dusk.

Q. How long is the eclipse?

A. In Grand Teton National Park, the eclipse will begin at about 10:15 am and end at about 1 pm The period of totality will begin at 11:34 am and last for a little over 2 minutes from the Colter Bay area to the south boundary of the park.

Q. What is the diamond-ring effect?

A. The diamond-ring effect occurs during the final moments of the pre-totally partial phases and the post-totally resurgence. It is a dwindling patch of bright sunlight still visible as the sun disappears and the shadow of the moon makes its appearance, and as the sun begins to reappear—like a ring with glittering light or diamonds on it.

Q. Will there be water/food available in the park?

A. There are several concessioners in the park that offer food and drinks. Refill water stations are located at visitor centers and campgrounds. It is best to come prepared with water and snacks for everyone in your group for the day.

Q. Are pets allowed in the park?

A. Pets are allowed anywhere you can take a car. They are not allowed in buildings, on park trails, in rivers or in lakes (except Jackson Lake). Pets must be kept on a leash (6 feet or less) at all times, and within 30 feet of roadways.

Q. Do I need bear spray?

A. Grand Teton National Park is home to black and grizzly bears and it is always highly encouraged that visitors have bear spray accessible when hiking and visiting the park. It is also very important that visitors “pack it in and pack it out”—do not leave food or attractants unattended at any time and always dispose of your trash appropriately.

Q. Will the park be selling Grand Teton National Park eclipse items?

A. Yes, Grand Teton Association is selling eclipse items at all visitor centers in the park, and at the interagency visitor center in Jackson. Concessioners in the park are also selling eclipse items, as well as many vendors in local communities.

Q. How early do I need to arrive to get parking?

A. The earliest anyone will be able to park for the event is 6 am. Overnight parking/camping is not allowed in areas outside a designated campground.

Q. Can I bring a lawn chair and set up in the sage?

A. Yes, but please minimize your impacts to the vegetation. Do not damage or remove any vegetation, and please pack out everything you pack in.

Q. Am I able to purchase vehicle gas and diesel in the park?

A. Yes, fuel is available from concessioners at Signal Mountain, Jackson Lake Lodge, Colter Bay and Flagg Ranch.

Q. Can we drink alcohol while watching the eclipse?

A. Consumption of alcoholic beverages is allowed on park lands except in park visitor centers and official government offices. Open containers and consuming alcohol in vehicles is prohibited. Please drink responsibly.

Q. Can we bring our own food and drinks?

A. Visitors are encouraged to plan ahead and arrive with ample food and drink for the entire party for the day. Please pack it in and pack it out and dispose of trash and recyclable materials properly.

Q. Where will I be able to put my trash?

A. Trash and recycling will be available at the Moose, Jenny Lake, and Colter Bay visitor centers. An additional collection station will be set up at the Cunningham Cabin pullout. Trash and recycling services will not be available at park pullouts or along the Gros Ventre Road.

Q. Will my cell phone work?

A. It is anticipated that cell coverage, as well as internet service, may not work due to the number of users in the area.

Q. Will I have access to the internet?

A. It is anticipated that there may be no internet access the day of the eclipse due to the high volume of use.

Q. Can I park and hike through sage to find a location to watch the eclipse?

A. As long as you are legally parked in a turnout or parking area, you are allowed to hike in any area of the park not under a special closure. Do not damage or remove any vegetation, and please pack out everything you pack in.

Q. What will be the best way to depart the park after the eclipse?

A. The roads may come to gridlock. Expect delays and possible long lines to get to Jackson or Yellowstone National Park. Visitors should have a full tank of gas and extra food and drinks in anticipation of long waits. The Gros Ventre Road will be one-way direction from approximately 5:30 am to 5 pm.

Q. Will there be any parking fees?

A. There are no parking fees in Grand Teton National Park. There is an entrance fee for the park, but the fee will be waived the day of the eclipse to facilitate traffic flow at the entrance stations. Park entrance fee will be charged every day other than the day of eclipse.

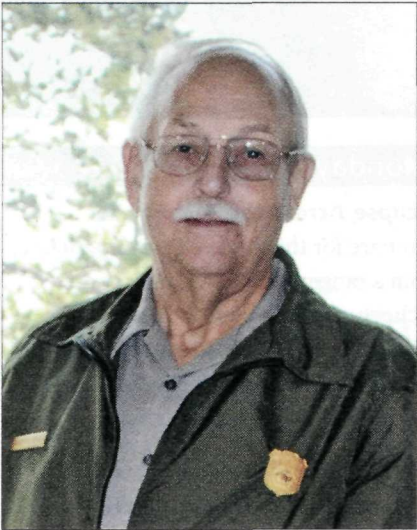
Q. Can I ride my bike to the eclipse?

A. Yes, the park multi-use pathway will remain open during the eclipse. Bikes will be allowed on the pathways and on roads open to vehicles.

Q. Where can I find more information regarding the eclipse?

A. Park information will be shared at visitor centers and entrance stations, as well as the park’s website, Facebook and Twitter accounts at GrandTetonNPS, park eclipse info line at 307-739-3566, and park road info line at 307-739-3682. Additional community information, including Bridger-Teton National Forest information, can be found at tetoneclipse.com.

Special Eclipse and Astronomy Programs



Astronomer and Ranger Bob Hoyle

Watchers of the Sky

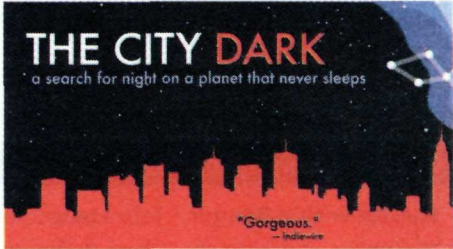
Friday, August 18 • 9:00 pm • 1 hour
Colter Bay Amphitheater

Bob Hoyle, former professor of astronomy and current park ranger naturalist, will present on the cultural history of astronomy and how early sky-watching evolved into the sciences of astronomy and astrophysics. As a finale, several large telescopes will be set up until midnight along the shore of Colter Bay for participants to view stars, galaxies, nebulae, and other celestial objects.

The City Dark

Friday, August 18 • 9:30 pm • 1.5 hours
Gros Ventre Campground Amphitheater

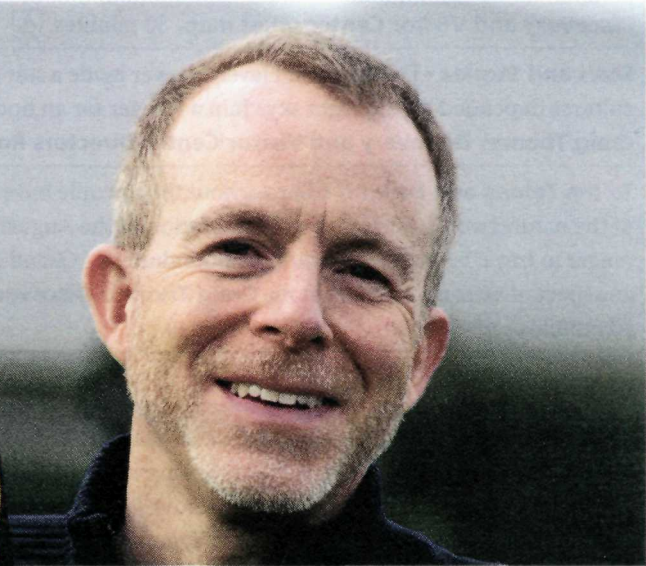
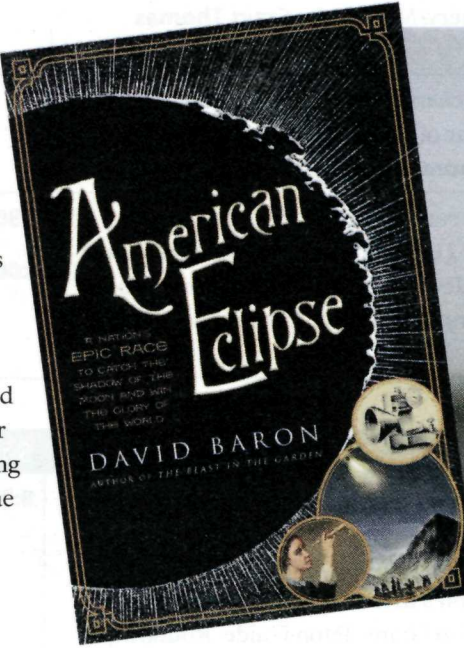
After moving to New York City from rural Maine, filmmaker Ian Cheney asks a simple question, “Do we need the stars?” Blending a humorous tone with cutting-edge science and poetic footage of the night sky, Cheney unravels the myriad implications of a globe glittering with lights – including increased breast cancer rates, disrupted ecosystems, and a generation of kids without a glimpse of the universe above. Featuring astrophysicist Neil deGrasse Tyson, author Ann Druyan, and NASA astronaut Don Pettit, *The City Dark* is the definitive story of Earth’s disappearing night sky. Movie followed by Q&A with the film’s director, Ian Cheney.



American Eclipse

Saturday, August 19 • 9:00 pm • 1 hour
Colter Bay Amphitheater

David Baron is a journalist, author, and broadcaster who has spent his thirty-year career largely in public radio. He has worked as an environment correspondent for NPR, a science reporter for Boston's WBUR, and health and science editor for PRI's The World. He is an avid umbraphile and August 2017 will be his 6th total solar eclipse. His recent book “American Eclipse” tells the story of Wyoming’s previous great eclipse in 1878. He will be speaking about his book and available following the program for questions and book signing. After the program several large telescopes will be set up until midnight along the shore of Colter Bay for participants to view stars, galaxies, nebulae and other celestial objects.



David Baron



NASA/JPL

Women's Work: Mathy Maidens Solving Space's Perplexing Problems

Saturday, August 19 • 9:30 pm • 1.5 hours
Gros Ventre Campground Amphitheater

In the 1880s, the Harvard Observatory discovered a secret truth about the Universe that has long since been suppressed: women are better at math than many men. They can be faster and make fewer errors. This is the ‘herstory,’ as told by Kevin Poe, about how female minds continue to do the heavy lifting that mapped the Universe and put man on the Moon. After the program several large telescopes will be set up until midnight for participants to view stars, galaxies, nebulae and other celestial objects.

Syzygy: The Science, History, and Mythology of 3 Collinear Points

Sunday, August 20
9:30 pm • 1.5 hours
Gros Ventre Campground Amphitheater

It takes an extraordinary word to describe when Sun, Earth, and Moon become collinear. The ‘What?’ questions can be explained in single sentences. But by focusing on the ‘How?’ and ‘Why?’ these infrequent events have profoundly shaped humanity when they have no impact on the natural world, is how Kevin Poe offers a new look at this ancient wonder. After the program several large telescopes will be set up until midnight for participants to view stars, galaxies, nebulae and other celestial objects.

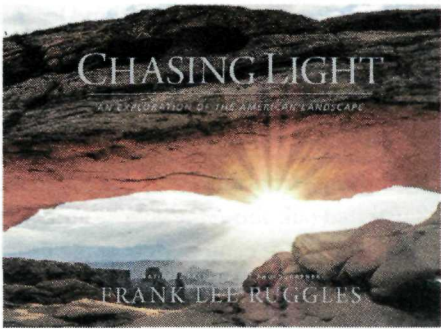


Kevin "The Dark Ranger" Poe

Chasing Light

Friday August 18th, Saturday August 19th and Sunday August 20th
11:00 am program with book signing at bookstore • Craig Thomas Discovery and Visitor Center

Chasing Light is a testament to the beauty and wonder of our national parks. It is also the story of photographer Frank Lee Ruggles. Frank has traveled to all 50 states, hiked over 15,000 miles, venturing off the grid, disappearing into pristine wilderness for days at a time, capturing the unseen wonder of America with nothing but 42 pounds of camera gear on his back. Frank’s award winning photographic works can be seen in galleries and public buildings across the country and now in this 250 page collection of his life’s work: *Chasing Light: An Exploration of the American Landscape*. Part of all sales proceeds will go back to the National Park Trust and other charities providing programs that send under privileged children on visits into our amazing National Parks.



Grand Teton Association sponsored event.

Dark Ranger Programs

Planet Walk

Sunday, August 20 • 10:00 am • 1 hour
Gros Ventre Campground Store, at entrance to campground
Join a Dark Ranger for a walk around the solar system.



NASA

Solar Viewing & Climber Watching through Telescopes + Stomp-Rockets

Saturday, August 19 & Sunday, August 20 • 12:30-2:30 pm
Craig Thomas Discovery and Visitor Center terrace

Special Ranger Programs

Solar Observing with a Solar Telescope

Saturday, August 19 & Sunday, August 20
2:30-4:00 pm • Colter Bay Visitor Center



Sunrise with a Ranger

Saturday, August 19 • 5:00 am • 2 hours • Craig Thomas
Discovery and Visitor Center flagpole
Join a ranger for this easy, early morning walk (1 mile or less) to watch the sunrise and learn about how darkness impacts our lives and the lives of wildlife.

Ranger Programs

Join park rangers for special eclipse programs all weekend. Be sure to check out the day of eclipse programming at each Visitor Center.



Moose Ranger Programs	Sat 8/19	Sun 8/20
Sunrise with a Ranger • Join a ranger for this easy, early morning walk (1 mile or less) to watch the sunrise and learn about how darkness impacts our lives and the lives of wildlife. Meet at the Craig Thomas Discovery and Visitor Center flagpole . 2 hours.	5:00 am	
Taggart Lake Hike • Hike with a ranger along the scenic trail to Taggart Lake, where a variety of stories can unfold. Once you arrive at the lake, you will then have the option to hike back or explore on your own. Bring water, binoculars, camera, sunscreen, and rain gear. Roundtrip Distance: 3 miles (1 ½ miles guided). Difficulty: Moderate. Meet a ranger at the Taggart Lake Trailhead . 2 ½ hours.	8:30 am	8:30 am
Map Chat • From the park’s geologic story to wildlife information to eclipse-viewing tips, this program will give you insight into the stories behind the scenery. Meet at the Craig Thomas Discovery and Visitor Center relief map . 30 minutes.	10:30 am	10:30 am
Stars and Stories • Description: Have you ever made a star chart? Do you know how ancient cultures depended on the night sky? Join a Ranger for an hour of starts and stories. Meet at the Craig Thomas Discovery and Visitor Center Directors Room . 1 hour.		2:30 pm
To the Tetons and Beyond • Throughout time people have considered the sky above as part of the natural world. As part of the celebration of the August 21st Eclipse Across America, join a ranger to travel beyond the traditional boundaries of Grand Teton National Park and learn about an aspect of astronomy. Meet at the Craig Thomas Discovery and Visitor Center courtyard . 20 minutes.	2:30pm 4:00 pm	4:00 pm

Monday 8/21 Eclipse Day
Eclipse Across the Tètons • To prepare for the total eclipse experience, join a ranger for a quick primer on eclipse science, safety, and sighting. Craig Thomas Discovery and Visitor Center west parking area . Every 30 minutes from 8:00-10:30 am.
Viewing area for eclipse is Craig Thomas Discovery and Visitor Center west parking area .
During the eclipse the Craig Thomas Discovery and Visitor Center will remain open, bookstore will close for a short period during totality.
Menors Ferry General Store will be closed the entire eclipse day.

Jenny Lake Ranger Programs	Sat 8/19	Sun 8/20
Inspiration Point Hike • Learn about the formation of this magnificent landscape on a hike to Hidden Falls and then onto a viewpoint above Jenny Lake. This is a great activity for families! To reserve your space, please obtain a token for each member of your group at the Jenny Lake Visitor Center the morning of the hike. This activity is limited to 25 on a first-come, first-served basis. We will take the shuttle boat across Jenny Lake. Boat Fares listed in Grand Teton Guide. Roundtrip hike distance: 2 miles. Difficulty: Moderate uphill. Meet a ranger on the Jenny Lake Visitor Center deck . 2 ½ hours.	8:30 am	8:30 am
Eclipse Across America • This year you will be able to view a solar eclipse anywhere in the contiguous United States. Learn about what to expect, and how to view and enjoy this rare natural phenomenon. Meet a ranger on the Jenny Lake Visitor Center deck . Wheelchair Accessible. 30 minutes.	11:00 am	11:00 am
Bear Safety • Discover techniques that will help you stay safe while traveling and camping in bear country. Includes instruction on use of bear spray. Meet a ranger on the Jenny Lake Visitor Center deck . Wheelchair Accessible. 30 minutes.	1:30 pm	1:30 pm

Monday 8/21 Eclipse Day
Eclipse Across the Tetons • To prepare for the total eclipse experience, join a ranger for a quick primer on eclipse science, safety, and sighting. Multi-Use Pathway South of Jenny Lake Visitor Center . Every 30 minutes from 8:00-10:30 am.
Viewing area for eclipse is Multi-Use Pathway South of Jenny Lake Visitor Center .
During the eclipse the Jenny Lake Visitor Center will close temporarily from 11:00 am–noon.

Colter Bay Ranger Programs	Fri 8/18	Sat 8/19	Sun 8/20
To the Tetons and Beyond • Throughout time people have considered the sky above as part of the natural world. As part of the celebration of the August 21st Eclipse Across America, join a ranger to travel beyond the traditional boundaries of Grand Teton National Park and learn about an aspect of astronomy. Meet in the Colter Bay Visitor Center auditorium . 30 minutes.	11:00 am	11:00 am	11:00 am
Solar Observing • See the sun up close with a specially equipped telescope. Meet a ranger anytime on the Colter Bay Visitor Center Back Deck . 1.5 hours.	2:30 pm	2:30 pm	3:00 pm
Evening Astronomy Program • Join a ranger or special guest for a photo-illustrated talk about the eclipse and night skies. Topics on previous page and posted at visitor center. Meet at the Colter Bay amphitheater (or auditorium in case of inclement weather) . 1 hour.	9:00 pm	9:00 pm	9:00 pm
Constellation tour and dark sky telescope observations • Explore the constellations in the sky to discover the history and meaning behind the stars. Meet at the Colter Bay Lakeshore near amphitheater . 1.5 hours.	10:30 pm	10:30 pm	

Monday 8/21 Eclipse Day
Eclipse Across the Tetons • To prepare for the total eclipse experience, join a ranger for a quick primer on eclipse science, safety, and sighting. 8 am and 9 am Colter Bay viewing area at lakeshore . 8:30 am Colter Bay Visitor Center back deck .
Viewing area for eclipse is on the lakeshore behind the Colter Bay Visitor Center .
During the eclipse the Colter Bay Visitor Center will close temporarily from 11:15 am–noon.

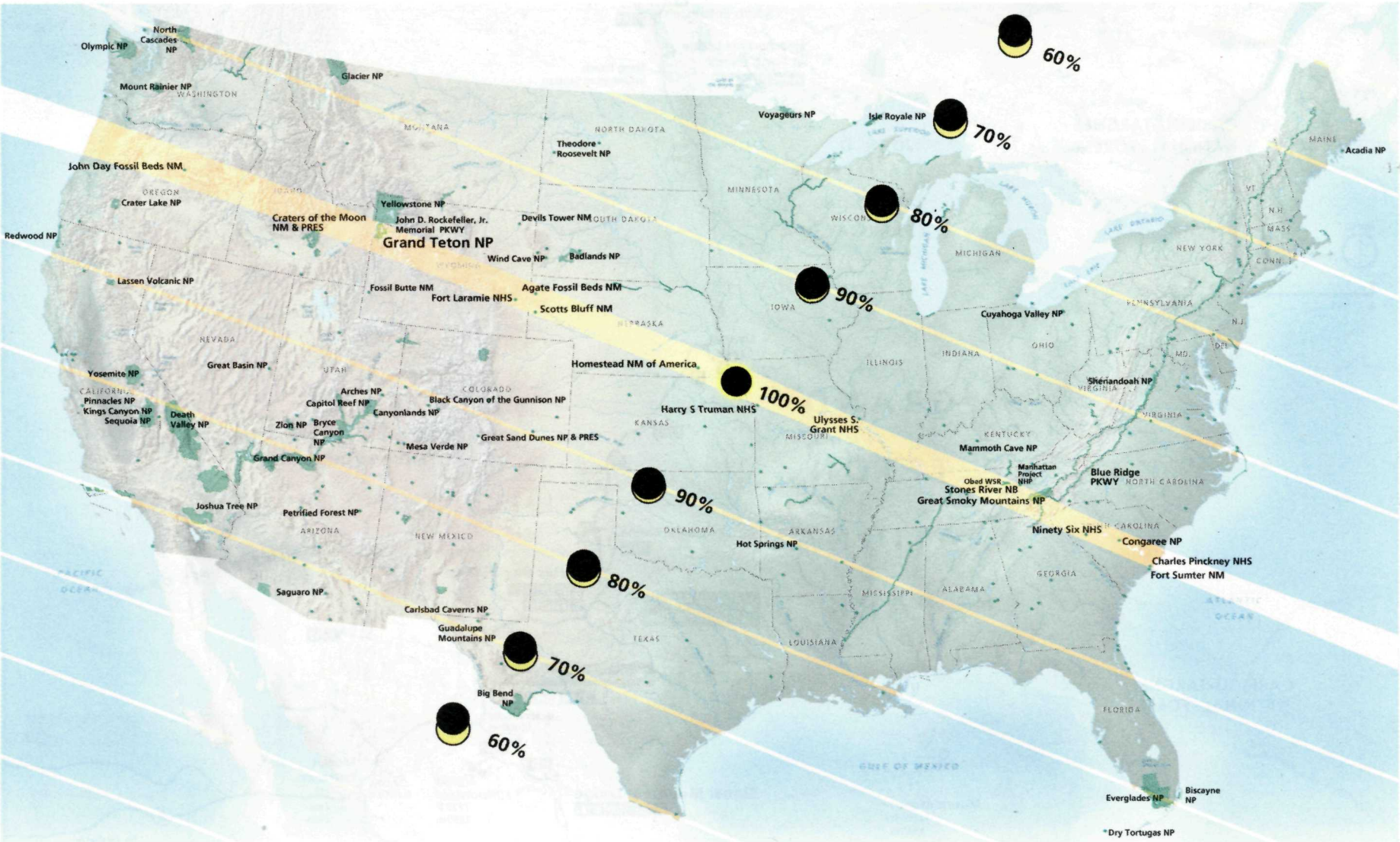
Laurance S. Rockefeller Preserve Ranger Programs	Sat 8/19	Sun 8/20
Explore the Preserve Hike • Open your senses and immerse yourself in the pristine setting of the Preserve. Hike through forests and meadows to the shores of Phelps Lake. Contribute to a conversation with your thoughts and ideas during the hike. Reservations required, call 307-739-3654. Bring water, rain gear, sunscreen, and insect repellent. Group Size: 10. Roundtrip Distance: 3 miles (1.5 miles guided). Difficulty: Easy/Moderate. Meet a ranger at Laurance S. Rockefeller Preserve Center porch . 2 ½ hours.	9:30 am	9:30 am
Eclipse Across the Tetons • To prepare for the ultimate eclipse experience, join a ranger for a quick primer on eclipse science, safety, and sighting. Meet a ranger at Laurance S. Rockefeller Preserve Center porch . 20 minutes.	10:00 am 3:30 pm	10:00 am 3:30 pm
Nature Explorer’s Backpack • Children discover the wonders of the natural world using the tools provided in the Nature Explorer’s Backpack. After a brief orientation by a ranger, each child receives a journal full of activities to guide them as they explore the Preserve trails with their family. The backpacks are available for checkout at the Preserve Center desk every day starting at 9 am and need to be returned by 5 pm that day. Recommended for children ages 6-12. Backpacks are limited, one per family please. Completing this counts as ranger program for the Grand Teton Junior Ranger Program.		

Monday 8/21 Eclipse Day
Eclipse Across the Tetons • To prepare for the total eclipse experience, join a ranger for a quick primer on eclipse science, safety, and sighting. Laurance S. Rockefeller Preserve Center porch . Every 30 minutes from 8:00-10:30 am.
During the eclipse the Preserve Center will close temporarily from 11:00 am–noon.

Regularly scheduled Ranger Programs will resume Tuesday, August 22, see Grand Teton Guide for details. Colter Bay will hold special eclipse programming in lieu of regularly scheduled programs on Thursday, August 18.

Where will you see the eclipse?

The eclipse will be visible across the entire continent of North America.



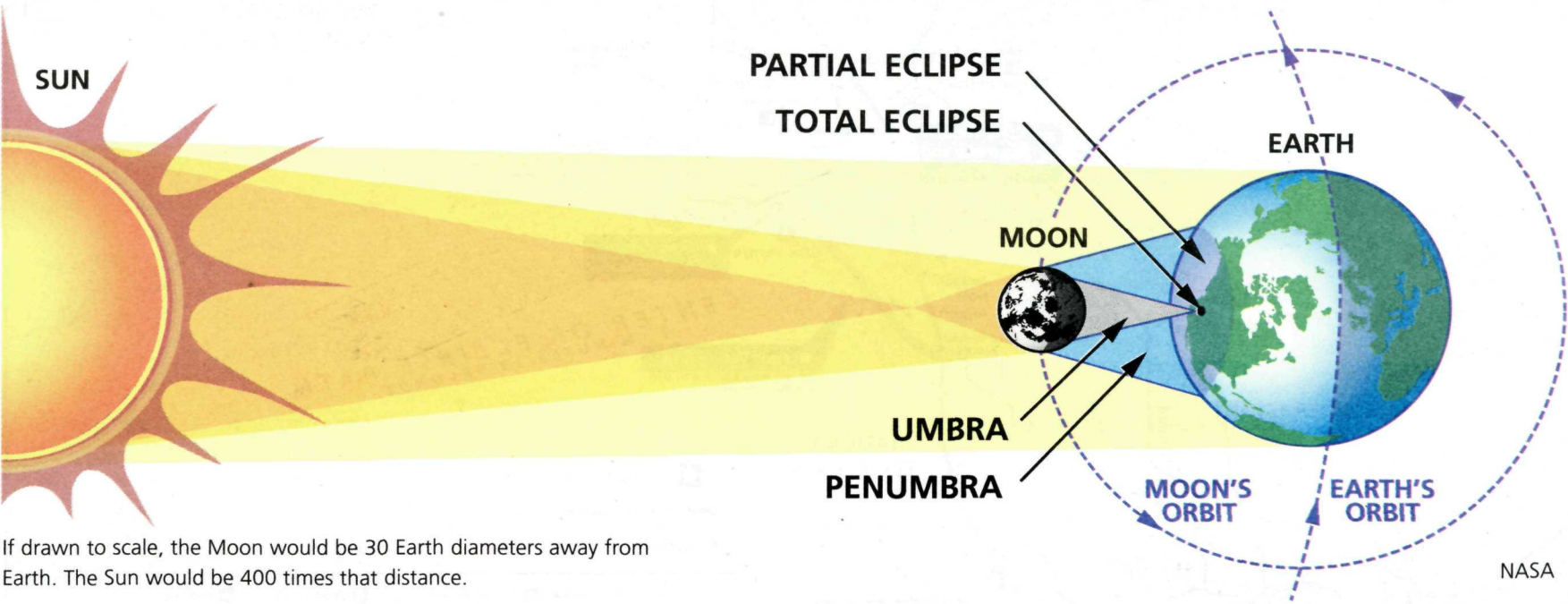
NPS Illustration

What is an eclipse?

Total Solar Eclipses happen when the Moon passes between the Sun and the Earth and casts the darkest part of its shadow, Umbra, on Earth. Places where the Penumbra falls see a Partial Solar Eclipse. At a given location, the event can last up to an hour and a half. For this eclipse the longest period when the moon completely blocks the sun, the totality, will be about 2 minutes and 40 seconds. The last total eclipse for the contiguous U.S. was in 1979, the next one will be in 2024.

At 10:17 am on Monday, August 21, 2017 the solar eclipse will begin over Jackson Hole. At 11:35 am the moon will pass directly in front of the sun blocking out most of the sun's light. For the next 2 minutes—the exact duration depends on your location—the sun's corona will be visible around the disk of the moon.

To find out when the eclipse will be visible for your location check out NASA's Eclipse Website: eclipse2017.nasa.gov.



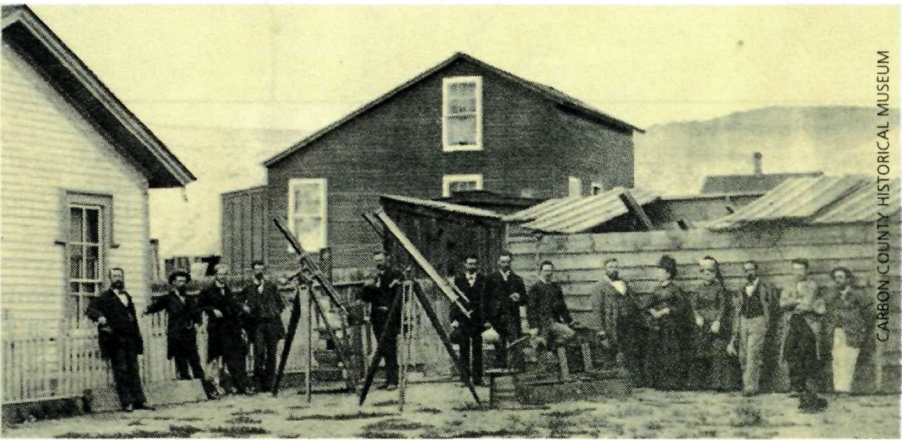
If drawn to scale, the Moon would be 30 Earth diameters away from Earth. The Sun would be 400 times that distance.

Eclipse History

For thousands of years people learned about the sun through careful observation. Understanding the sun and seasons was critical to survival. As early as 4,000 years ago, ancient astronomers tried to predict solar eclipses in China and Greece.

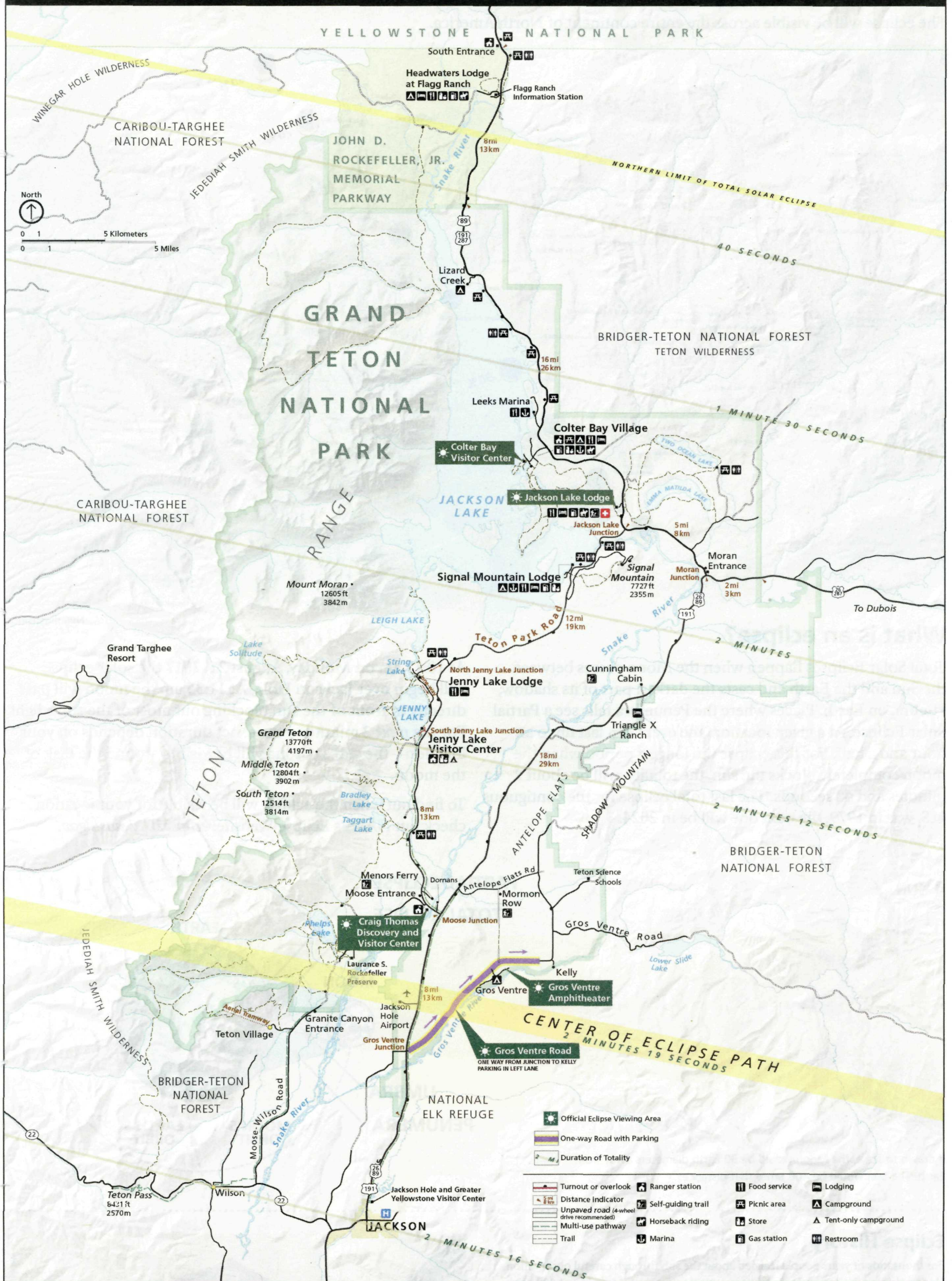
More recently, scientists planned experiments during eclipses to test theories and equipment. With the sun blocked, other atmospheric features become visible. Scientists proved Einstein's theory of relativity, and they searched for a theoretical planet Vulcan but it was proven not to exist.

In 1878, Thomas Edison and other scientists traveled to Wyoming to observe an eclipse. Edison tested his very sensitive thermometer, but it failed.



A group including Thomas Edison visited Rawlins, WY for the 1878 solar eclipse.

2017 Total Solar Eclipse, Grand Teton National Park



Have a Green Eclipse:

Recycle. Bear-resistant trash and recycle containers are available in the park. On eclipse day pack out your recyclables and trash.

Keep the Air Clean. Don't idle your car. Idling more than 10 seconds uses more fuel than restarting your car.

Leave the car behind. Walking, hiking, and biking are low impact and you avoid the gridlock.

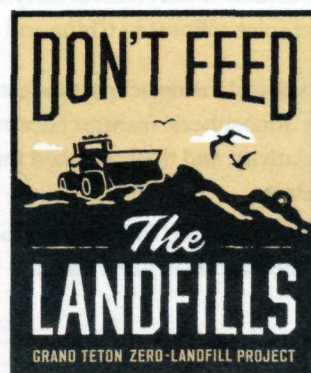
For Emergencies

DIAL 911
OR TEXT

Launching, landing or operating an unmanned aircraft, such as a drone, within Grand Teton National Park is prohibited.



Publication of the 2017 Total Eclipse Guide is made possible through the generous support of the Grand Teton Association.



Look for the pink and blue, Subaru-Don't Feed The Landfills bikes on Gros Ventre Road and at park viewing areas on August 21. Grand Teton National Park ambassadors, rangers, and volunteers will be on these bikes handing out recycle and trash bags.

Be sure to pack out your recyclables and trash.