



National Park Service
U.S. Department of the Interior

Badlands National Park

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Badlands News Release

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Badlands Astronomy Festival to Be Held July 9th-11th, 2021

BADLANDS NATIONAL PARK, INTERIOR, S.D. — Badlands National Park has partnered with the NASA South Dakota Space Grant Consortium to co-sponsor the **2021 Badlands Astronomy Festival, July 9th-11th**. The festival brings together space science professionals, amateur astronomers, educators, and visitors for a three-day celebration.

Novices and experts alike will enjoy the spectacular dark night skies of Badlands National Park at public star parties each evening. During the afternoon each day, a variety of family-friendly activities will provide opportunities for visitors to learn about the night sky, the sun, and space exploration. Telescopes will be provided by astronomers from the Black Hills Astronomical Society, Badlands National Park, Dark Ranger Telescope Tours and the University of Utah for day and night observations.

The schedule of events includes astrophotography workshops, solar observing opportunities, special guest speakers, public stargazing activities, static displays, as well as equipment demonstrations by professional and amateur astronomers.

This free event is made possible through funding and support from the Badlands Natural History Association, NASA South Dakota Space Grant Consortium, Dark Ranger Telescope Tours, Black Hills Astronomical Society, International Dark Sky Association, University of Utah, Badlands National Park Conservancy, Minuteman Missile National Historic Site, and Badlands National Park.

Schedule of Events:

Astrophotography Workshop

“Astrophotography 101 – Or How to Shoot the Night Skies”

Friday, July 9; Saturday, July 10; and Sunday, July 11

1:30-3:00 pm in the Ben Reifel Visitor Center Theater

This workshop will provide opportunities to explore various types of equipment and techniques to shoot great night-sky photos.

Sun Fun Solar Observing

Friday, July 9; Saturday, July 10; and Sunday, July 11

3:00-5:00 pm at the Ben Reifel Visitor Center

View solar flares and sunspots through our special solar telescopes, 100% safe for eyes. Various other sun-based activities will also be offered.

Guest Speakers/Evening Programs/Public Stargazing

Friday, July 9; Saturday, July 10; and Sunday, July 11

9pm - 11:30 pm (Fri, Sat, Sun) at the Cedar Pass Campground Amphitheater

Nightly evening presentations will be provided by invited guest speakers followed by hands-on experience with multiple state-of-the-art telescopes and amateur astronomers providing constellation tours while guiding visitors around the universe. View planets, star clusters, nebulae, and double stars while going down the “scope line.”

9:00 p.m. Friday night guest speaker: Diane Knutson, International Dark Sky Association

9:00 p.m. Saturday night guest speaker: Tom Durkin, NASA SD Space Grant Consortium

9:00 p.m. Sunday night guest speaker: “Dark Ranger” Kevin Poe, Dark Ranger Telescope Tours

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