

# Celebrating Night Skies

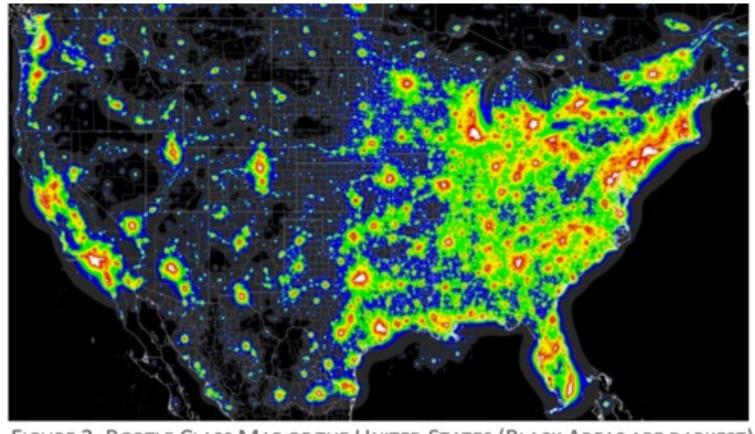


FIGURE 2. BORTLE CLASS MAP OF THE UNITED STATES (BLACK AREAS ARE DARKEST)



# International Dark Sky Association Dark Sky Places

ABOUT OUR WORK LIGHT POLLUTION LIGHTING TAKE ACTION WAYS TO GIVE RESOURCES BLOG CONTACT



The International Dark Sky Places conservation program recognizes and promotes excellent stewardship of the night sky.



### Dark Sky Places in the U.S.

95 Dark Sky Places in U.S.

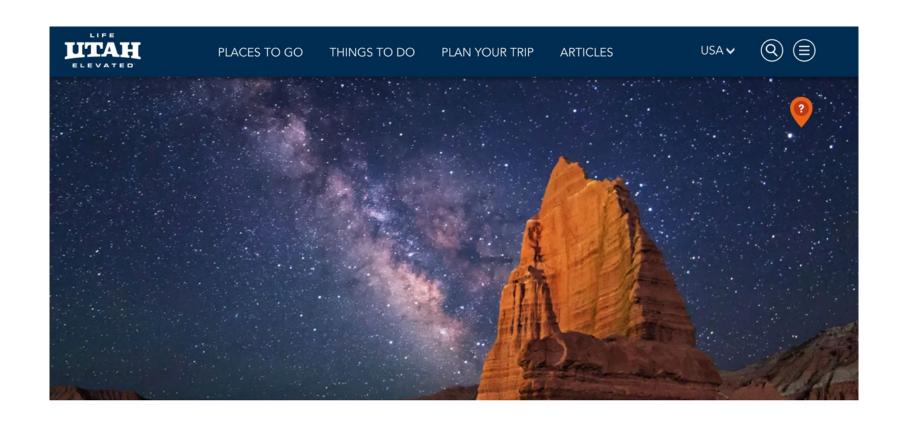
Communities (21)
Parks (66)
Reserves (1)
Sanctuaries (7)

Boundary Waters, Minnesota Katahdin Woods, Maine Cherry Springs, Pennsylvania Llano River, Texas Rappahannock Park, Virginia





### Most Dark Sky Places are in the West







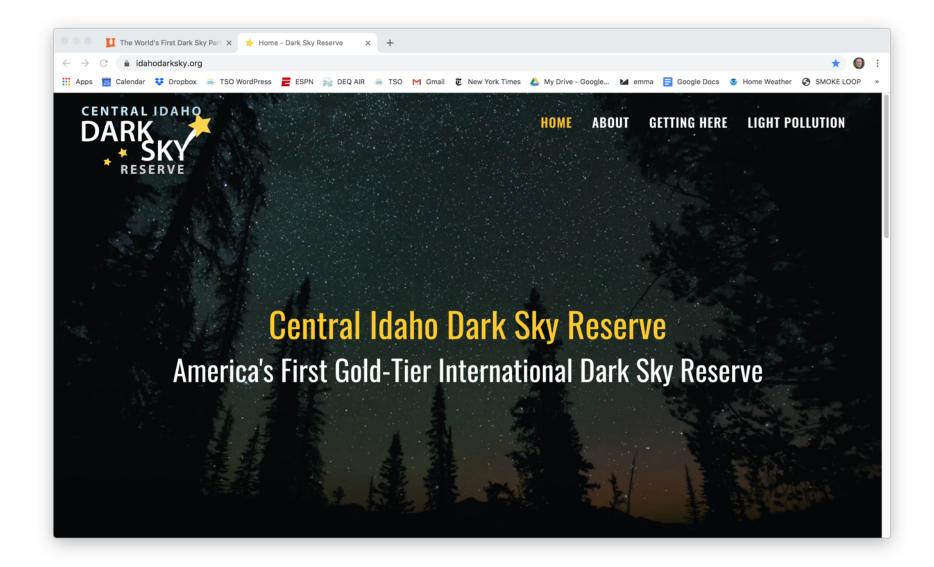
### **Utah Travel**



The World's First Dark Sky Park



### Central Idaho





### Colorado Plateau







# Great Basin Dark Sky Park

#### **Other Astronomy Activities in the Park**

#### Star Train

Great Basin National Park and the Nevada Northern Railway in Ely, NV are teaming up to offer the NNRW's *Star Train!* Riders begin their journey at the train station in Ely and ride the historic northern train route through Ely. Great Basin's dark sky rangers will be onboard to talk trivia, give out prizes, and answer questions. The train will stop out of town where passengers can disembark and look through high-powered telescopes to see planets, deep space objects, and more (weather permitting). The train will then return to the train station later that evening. **Tickets are required**. Go to **Nevada Northern Railway's website** to learn more about the train and reserve your spot. The trains sell out quickly.

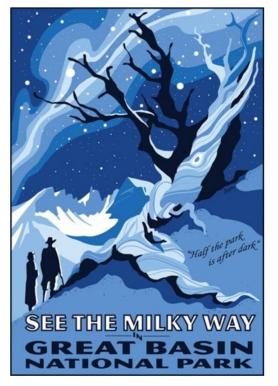
Please contact the Nevada Northern Railway at (775)-289-2085 for 2020 dates.

#### Full Moon Hike

On summer nights when the moon is too bright for our regular astronomy programs, join a dark ranger for a full moon hike! These highly popular hikes start just after sunset and traverse Great Basin under a moonlit sky. The program is free, but tickets are required. You can make reservations in person at the Lehman Caves Visitor Center. All participants who wish to attend **must** be present in the visitor center to be issued a ticket. Participants must be **at least** 8 years of age or older due to the strenuous nature of the hike. Please talk to a Ranger for more information.

#### Solar Telescope Viewing

On select summer afternoons, join us on the back porch of the Lehman Caves Visitor Center for safe solar telescope viewing of our closest star, the Sun! Great Basin has state-of-the-art solar telescopes to view sunspots, prominences, filaments, and magnetic storms.



Half the park is after dark

Dr. Tyler Nordgren



# Basin and Range Dark Sky Cooperative





# Why is Tourism at the Table?





### Colorado Plateau 2019 Tourism Data



"Non-local tourists who value dark skies will spend \$5.8bn over the next 10 years in the Colorado Plateau. These tourist expenditures will generate \$2.4bn in higher wages and create over 10,000 additional jobs each year for the region."



### Colorado Plateau 2019 Tourism Data

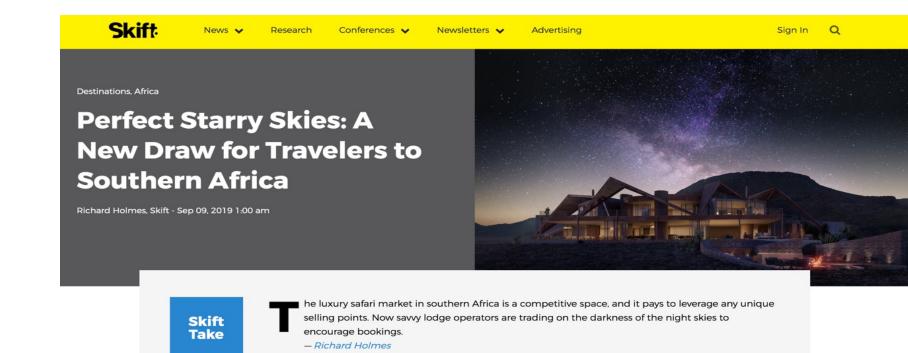
### Estimating Potential Economic Value

- Spending per party increase from \$90 to \$270-390 (day vs. overnight)
- Change represents an additional \$2.5 billion value added to Colorado Plateau economies over 10 years
- Increase the # of visitors during the off-peak seasons and provide a longer more sustained period of tourism activity



# Cultural Opportunities

"Instead of highlighting constellations dreamt up by the ancient Greeks lodge guides focus on the rich astral folklore of the Khomani San."





# Oregon Outback Dark Sky Network

A voluntary grass-roots initiative to build an alliance of communities, businesses, local governments, ranchers, state and federal agencies, tribes, and Oregon Outback night sky enthusiasts to support a set of shared principles resulting in mutual community benefits and the long-term conservation of our starry night heritage.



# Night Sky Adventurer Kits

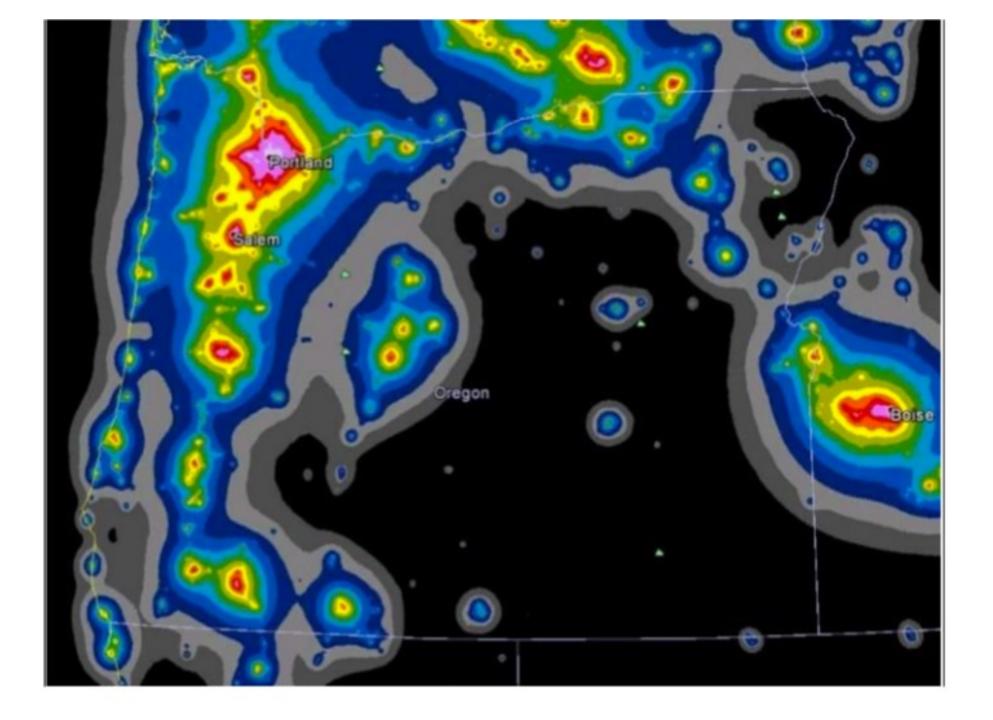
Available at County Libraries
Lake
Harney
Malheur

What's in Kit:
Sky Quality Meter
Night Sky Chart
Night Flashlight
Log Book to record data











TRAVEL SOUTHERN OREGON

DO SOMETHING GREAT