



IDA Report

CAPULIN VOLCANO NATIONAL MONUMENT

General: Current Information for the Site's IDA Contacts

- Diana Hicks: 575-278-2201 ext. 232, diana_hicks@nps.gov
- Cassy Hill: 575-278-2201 ext. 246, cassy_hill@nps.gov
- Lynn Cartmell: 575-278-2201 ext. 231, lynn_cartmell@nps.gov
- Zach Cartmell: 575-278-2201 ext. 230, zach_cartmell@nps.gov

VISITATION:

Estimated number of site visitation for fiscal year 2017 is 57,791 visitors, of that 364 participated in dark-skies programming.

Lighting:

There were six DualBrite lights installed on park property to replace the non-compliant security lighting. All were installed in September 2017. The lights are motion activated with 100W Bi-Pin halogen bulbs. These lights are shielded to aim the light down and set to a 1-minute motion timer. These lights were installed as outdoor security lights for the three park housing units, and three lights were installed as outdoor security lights for the Park Offices and Administration building. All park lighting is compliant with the Light Management Panel.

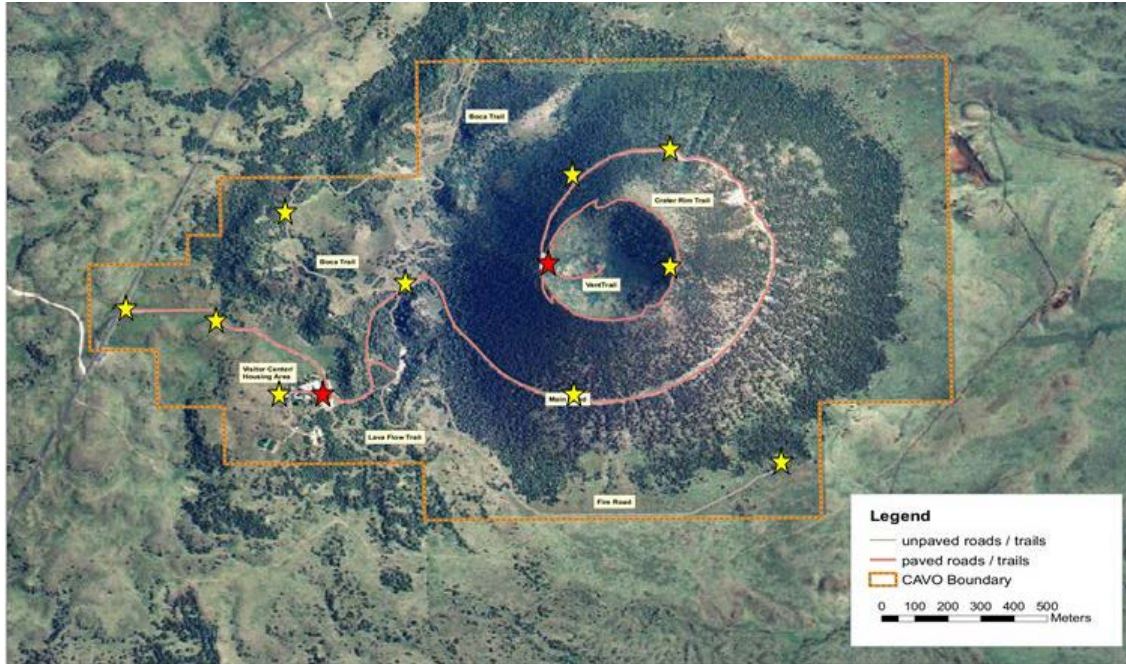
Below are photos of the lights installed in the park:



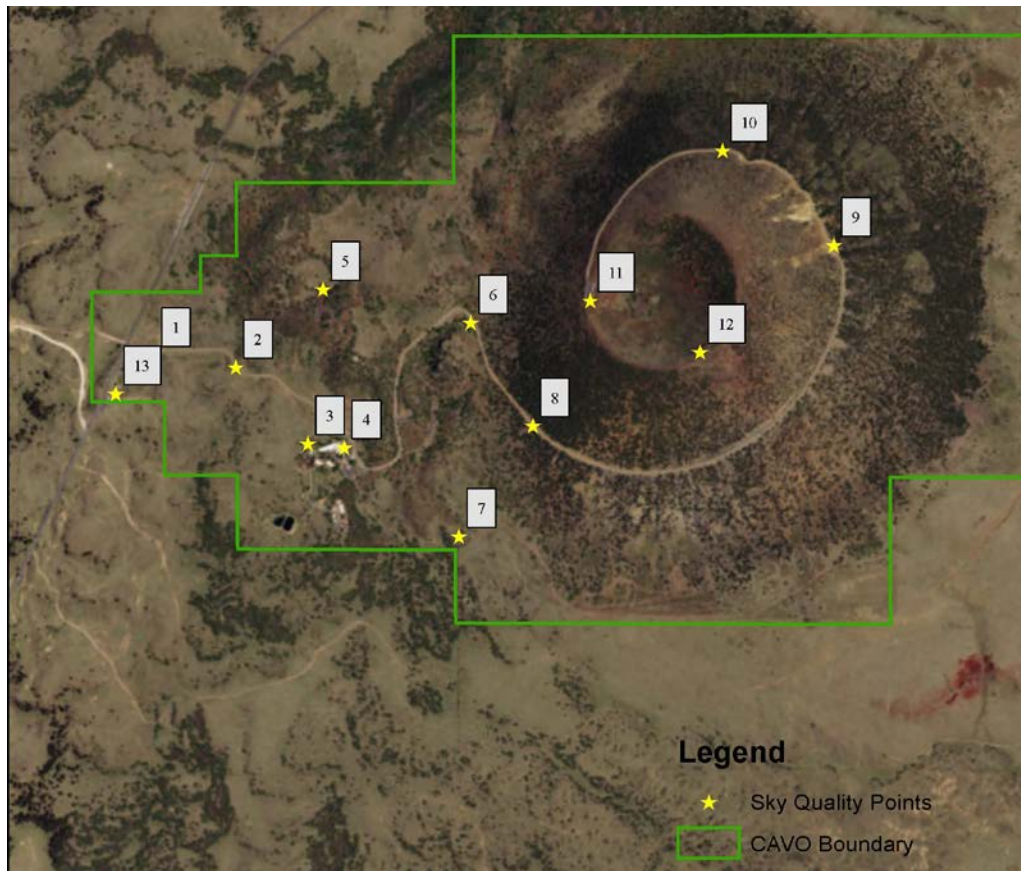


Sky Quality:

Below, Map 1 shows where the data was taken within the park using the Sky Quality Meter in 2016. Map 2 shows locations measured in 2017; though many points are identical Map 2 shows a slight adjustment to point 7 and the inclusion of point 13. A permanent sky monitor has been purchased and there are current plans to install it by summer 2018.



Map 1



Below are the sky quality meter measurements from 2016 (figure 1) and 2017 (figure 2) using mapped coordinates:

Fig. 1

<i>Observation Points</i> (2016-2017)	<i>Sky Quality Meter</i>
1	21.94
2	21.95
3	21.95
4	21.93
5	21.89
6	21.88
7	21.95
8	21.90
9	21.89
10	21.94
11	22.01
12	21.98
13	N/A

Fig. 2

<i>Observation Points</i> (2017-2018)	<i>Sky Quality Meter</i>
1	24.15
2	23.86
3	24.12
4	23.65
5	24.39
6	23.88
7	23.97
8	23.62
9	23.79
10	23.77
11	23.84
12	23.99
13	23.67

Outreach:

There were five interpretive dark-sky programs scheduled for summer 2017. The program dates were: May 28, June 23, and July 28, August 71 (solar eclipse), August 25, and September 8.

These events were all hosted in the Capulin Volcano oversize vehicle parking lot, except for the solar eclipse event that was hosted in the Rim Parking lot on top of the volcano. The events began at 8:00 pm (MST) and ended by 10:30 p.m. (MST). At the events, Diana Hicks gave brief interpretive talks about the night sky and any astronomical events to be viewed. Equipment out for visitor use was a 14 inch Dobsonian Reflector Telescope, an 8 inch Sirius Reflector Telescope, two night sky viewing binoculars, and park tablets with the app 'Night Sky' installed for the convenience of the visitor. Each event scheduled was advertised through social media, flyers, and local radio interviews. The park plans to host these events once a month each summer in coming years, and partner with more organizations for these future events. The park also received funding in FY 2017 to purchase materials and signage to construct a fully accessible Dark Sky viewing station.

Visitation for each event: May-20 visitors, June-41 visitors, July-0 visitors, August-32 visitors, Solar Eclipse event (August)-163 visitors, September-0.

Arts & Culture:

The Capulin Volcano interpretive dark skies program includes dialogue that interprets the night skies of New Mexico as a cultural treasure worth protecting. These programs seek to foster an appreciation for protecting and conserving the night sky. There is current research being done to explore the connection of Capulin's night sky with the 17 Native American tribes affiliated with the monument.

Community & Media Relations:

Capulin Volcano developed partnerships with several organizations to deliver night sky programs that remind the public; "the dark sky is a resource worth protecting". The park partnered with the Mandala Center, (Des Moines, NM) to deliver night sky programs and with the Western National Park's Association to develop designs to sell night sky products. Items sold with these designs included postcards, magnets, posters, etc., and provided minimal funding to dark sky programs. The park also partnered with Empire High School, (Duncan, OK) through Capulin's Outdoor Leadership Academy to provide a night sky program to the students of this school at the park.

Photographs:

Featured on the following pages are photos from Capulin's dark sky viewing events including the 2017 Eclipse event:









Post Details

Reported stats may be delayed from what appears on posts

Capulin Volcano National Monument added 3 new photos. June 24 ·

Last night Capulin Volcano hosted its first star party of the season! At this event, visitors were able to enjoy the beautiful dark sky that surrounds the volcano, while learning about the cultural treasure that is the New Mexico night sky. If you were not able to make it to this event, Capulin will host more throughout the summer. Next star party is scheduled for July 28! - Ranger Diana #starparty #nightsky #NewMexico #CAVO (photos courtesy of Tamera Morton)



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104,271 people reached 153 Like Comment Share 6 Comments 57 Shares

104,271 People Reached

840 Reactions, Comments & Shares

675 Like On Post 135 On Post 540 On Shares

47 Love On Post 12 On Post 35 On Shares

1 Haha On Post 0 On Post 1 On Shares

23 Wow On Post 6 On Post 17 On Shares

30 Comments On Post 8 On Post 22 On Shares

61 Shares On Post 57 On Post 4 On Shares

3,151 Post Clicks

1,281 Photo Views 0 Link Clicks 1,870 Other Clicks

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Post Details

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Capulin Volcano National Monument

October 24, 2016

Capulin Volcano is a dark sky designation, this means one can enjoy gorgeous views of the night sky with very limited light pollution. To maintain this designation, we offer public access in certain areas of the park.

Where and when was the last time you saw the Milky Way? Have you been to any other dark sky designations before? Tell us about your experiences and any comments on how we at Capulin Volcano can better benefit visitors!

For information on how you can take advantage of Capulin's dark sky, please feel free to contact us during our business hours at 575-278-2201 or stop on in to our visitor center and ask a ranger today! (photo courtesy of Kenneth Forbes)

Ranger Diana

#highsky #Capulin #volcano #NPS #milkyway #stars #newmexico #nationalmonument #darksky #nationalpark



7,130 people reached

Search Post

127

10 Comments 73 Shares

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Comment

Share

7,130 People Reached

585 Reactions, Comments & Shares

388 Like 95 On Post 293 On Shares

61 Love 22 On Post 39 On Shares

20 Wow 10 On Post 10 On Shares

44 Comments 12 On Post 32 On Shares

74 Shares 73 On Post 1 On Shares

842 Post Clicks

244 Photo Views 0 Link Clicks 598 Other Clicks

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6 Hide Post 2 Hide All Posts

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Post Details

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Capulin Volcano National Monument added 3 new photos — with Diana Grace Hicks. August 21 ·

The 2017 Great American Solar Eclipse was a resounding success! Visitors to the park enjoyed a fee-free visit, a shuttle to the top of a 1,300 ft. Volcano, and saw an over 80% eclipse through their solar eclipse glasses or the solar lens of our night sky telescope! Thank you for everyone who came out and we will see you for the next Eclipse in 2024! -Ranger Will #findyourpark #greatamericaneclipse #getoutstayout



2,036 people reached

81

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3 Comments

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2,036 People Reached

87 Reactions, Comments & Shares

76 Like 76 On Post 0 On Shares

4 Love 4 On Post 0 On Shares

1 Wow 1 On Post 0 On Shares

3 Comments 3 On Post 0 On Shares

3 Shares 0 On Post 3 On Shares

222 Post Clicks

135 Photo Views 0 Link Clicks 87 Other Clicks

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Post Details



Capulin Volcano National Monument
July 20 ·

Here is a schedule of future star party dates and times to be hosted at Capulin Volcano! Next one is July 28, so mark your calendars and we hope to see you there! Ranger Diana



1,820 people reached

31

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Comment

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1 Share

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1,820 People Reached

45 Reactions, Comments & Shares

36 Like On Post 6 On Shares

2 Love On Post 1 On Shares

0 Comments On Post 0 On Shares

7 Shares On Post 2 On Shares 5 On Shares

30 Post Clicks

19 Photo Views Link Clicks 11 Other Clicks

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Post Details

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1,539 People Reached

56 Reactions, Comments & Shares

45 Like **39** On Post **6** On Shares

4 Love **3** On Post **1** On Shares

1 Wow **1** On Post **0** On Shares

0 Comments **0** On Post **0** On Shares

6 Shares **4** On Post **2** On Shares

39 Post Clicks

15 Photo Views **0** Link Clicks **24** Other Clicks

NEGATIVE FEEDBACK


0 Hide Post **0** Hide All Posts

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Capulin Volcano National Monument
August 23 ·

Capulin's next star party to show off our gold-tier dark sky's will be this Friday night on August 25th! We encourage visitors to begin gathering at 8:00 pm with a formal talk beginning at 8:30 pm and viewing/use of telescopes beginning at 9:00 pm. The event is fee free and visitors are encouraged to dress warmly. The current forecast predicts scattered storms beginning at 9:00 pm, we will keep you updated through out the week on weather and possible cancellation. See you soon!



1,539 people reached

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KJ Houghton, Carol Judge and 41 others **3** Shares

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