

**Salinas Pueblo Missions National Monument IDSP
2018 Annual Report**

General

- Current information for the site IDA contact: *Bethany Burnett. bethany_burnett@nps.gov 505-847-2400*
- Does the site currently have a Provisional status? If so, what work has been done in the past year to resolve concerns that resulted in the Provisional designation? *No.*
- Does the site plan to apply for a tier status upgrade in the future? If so, what work has been done in the past year furthering the application? *Not at this time.*
- Estimate number of site visitors in the last year. Of those, how many participated in dark-skies programming? *We had about 36,000 visitors this year. Of these, 460 people attended one of our 7 dark sky events.*

Lighting

Parks/Reserves:

- Were any new lighting projects completed this year? If so, describe. *No.*
- Is any lighting within the Park/Reserve non-compliant with the LMP (as permitted at the time of IDA designation)? If so, what is the plan to bring the remainder into compliance within the allowed window of time? *No.*
- Was any new territory added to the Park/Reserve? *No.*

Communities:

- Were any changes made to local/municipal outdoor lighting policy in the past year? If so, describe and include text of any code language added or changed. *No.*
- Were there any new municipal lighting installations (or similar, large-scale installations on commercial property) built in the last year to show as examples built to your dark sky-friendly code? *No, although when the mayor was considering installing new municipal lighting, he called us to inquire about dark sky friendly lighting.*

Sky Quality

- Were sky quality data taken in the past year? If possible, include a table or figure showing the information *Yes.*

Location	Date	SQM
<i>Gran Quivira</i>	<i>April 2018</i>	<i>21.47</i>
<i>Gran Quivira</i>	<i>April 2018</i>	<i>21.43</i>

- Did sky brightness increase over the previous year? Decrease? *The data above fall within the range of our SQM measurements in April 2016 for our IDSP application.*
- Is a permanently mounted sky monitor installed, or are there plans to install one? *No. Not at the moment.*

Conservation and Research (Parks/Reserves)

- Any ongoing conservation and/or research programs at the site? If so, who runs them, and what are the goals? *No.*
- Are there any new research results to report? Have any been published this year? *No.*

Funding

- Currently administering any grants related to dark-skies programming? If so, describe. *No.*
- Were any new grants won this year? *No.*
- Are there plans to apply for any future grants? *Not at the moment.*

Arts and Culture

- Is any programming ongoing or planned blending the arts/culture with dark skies? If

so, describe. *At our June and July dark sky events, we started the evening with a free tour of the petroglyphs and talked about possible archaeo-astronomical connections. We include ruins tours during our evening events, so we have the opportunity to talk about the people who used to live at our sites and the skies they would have seen. We planned our September astronomy event so that it would fall the evening before a free a capella concert at the ruins.*

Outreach

- Were any new outreach programs started this year? *One of our rangers gave an evening program at Manzano Mountains State Park the evening prior to our September night sky event and encouraged folks to attend our event. Next summer, we would like to continue giving evening programs at Manzano Mountains State Park and would like to include programs that specifically focus on our dark skies. We hired two new permanent interpreters this year, so we are hoping to be able to expand upon our dark sky programs.*
- If so, are they complete or ongoing? *Ongoing. Please see above.*
- Are statistics available (e.g., how many visitors served, donations, etc.)? *This year's ranger program at the state park was attended by 15 visitors.*

Community and Media Relations

- Any new media coverage you would like us to know about? May include e.g., PDFs as Attachments. *Elizabeth Miller, a reporter for the Santa Fe Reporter, wrote up an article about Salinas that appeared in the Santa Fe Reporter on May 1, 2018. The link to the article is: <https://www.sfreporter.com/news/theenthusiast/2018/05/01/deliberately-kept-in-the-dark/>*
- Any engagement with local governments, community organizations, or private landowners in the past year to report? *We've been partnering with the Lake County Astronomical Society (LCAS) for over 30 years now. LCAS astronomers assisted us with two of our evening astronomy events this past year, one in October and one in April. Astronomers from the Albuquerque Astronomical Society have been assisting us with our evening events since 2016. The Friends of Salinas have also been very supportive of our events.*

We have been collaborating with the New Mexico Museum of Natural History of Science for our dark sky events since 2016, and one of our interpretive rangers talked about our dark skies (and the importance of preserving dark skies) at the Museum's August First Friday event this year. 743 people attended this event.

Our astronomy ranger attended the Night Sky Academy at the Black Canyon of the Gunnison in August this year. While she was there, she volunteered at one of the Black Canyon's evening astronomy programs and interpreted at the telescope for 100 visitors.

Our astronomy ranger attended Chaco Culture National Historical Park's 3rd Annual Festival of Astronomy from September 21-23, where she interpreted at the telescope for 60 visitors.