

The Outreach Program for the [NASA PUNCH mission](#) engages Indigenous, Hispanic, Girl Scout, and Blind & Visually-Impaired participants in activities, planetarium films, and solar observing events focused on an Ancient & Modern Sun Watching theme. Many of our products will be available to colleagues throughout the nation for use with eclipse events.

Dr. Cherilynn Morrow ([cherilynn.morrow@gmail.com](mailto:cherilynn.morrow@gmail.com)), Dr. John Keller, Briana Ingermann

Four-Corners Regional Collaborative: [Southwest Research Institute](#), Fiske Planetarium, Clark Planetarium, NM Museum of Natural History & Science, NM Museum of Space History, Planetary Science Institute, Lowell Observatory



Polarimeter to UNify the Corona and Heliosphere

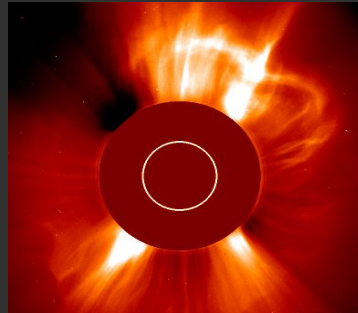
Eclipse viewing events:  
Several in New Mexico, 2023  
Southwest Texas, 2024



Ancestral Puebloan petroglyph in [Chaco Canyon](#), NM. Does it represent an active solar corona during the 1097 total solar eclipse? 1098 is estimated solar maximum.



1860 hand drawing of a total solar eclipse with possible solar storm. NASA videos currently say: "first recording of an active solar corona" but perhaps this occurred ~700 years earlier.



2005 coronagraph image from the NASA SOHO mission with an ongoing Coronal Mass Ejection (CME). This sort of image is being used in Chaco interpretive programs.

