



2018 Public Astronomy Programs on Mount Diablo

Presented by Mount Diablo State Park,
Mount Diablo Astronomical Society (MDAS),
Mount Diablo Observatory Association

DATE 2018	Program Starts	PROGRAM FEATURE
Mar 24	7:00 PM	STARS AND BUTTERFLIES: How are stars like butterflies? Are all the stars like our Sun? Follow a celestial treasure hunt as you tour the telescopes.
Apr 14	7:00 PM	THE SEARCH FOR ALIEN WORLDS: What does life on Earth tell us about where we might find life elsewhere in the galaxy? Take home a map of stars that have planets. Learn to find your favorite constellations.
May 19	7:30 PM	MOON: EARTH'S LOST ROCK: How would Earth be different without the Moon? How is our Earth like our Moon? Explore the Moon through the telescopes.
Jun 16	8:00 PM	PLANETS OF OUR SOLAR SYSTEM: Here's your chance to see Mercury, Venus, Jupiter, Saturn AND our Moon through the telescopes. Make a Pocket Solar System and imagine what it would be like to visit other worlds.
Jul 28	7:30 PM	SUNSET TO MOONRISE: Arrive at 7:30 to safely view the Sun through telescopes. Then enjoy the summer sunset, followed by Venus, Jupiter, Saturn and Mars, topped off with the rising of the almost full moon at 9 pm. Photo op!
Aug 11	7:30 PM	PERSEIDS METEOR SHOWER TONIGHT: Meteor showers, comets and asteroids: how are they different, how are they related? Count meteors until 11 pm!
Sep 29	6:30 PM	OUR PLACE IN OUR GALAXY: What is our Milky Way Galaxy – and where is our place in it? See the center of our galaxy. Tour our galaxy – and others – through the telescopes.
Oct 13	6:00 PM	IT'S ALL DONE WITH MIRRORS and GLASS: How do telescopes work? Take a look inside 400-year-old technology. Then enjoy views through these amazing mobile devices!
2019 Mar 9	5:30 PM	First public astronomy program of 2019 – mark your calendar!

Program: Participate in hands-on astronomy activities, followed by supervised observing through the many different telescopes of MDAS members to view the Moon, planets, stars, galaxies and more.

Time: Evening, beginning about a half hour before sunset. You may stay until 11:00 p.m.** **Plan to enter the park entry gate at least 45 minutes before the program starts.**

Where: Lower Summit parking lot of Mt. Diablo State Park

Cost: The astronomy program is free; there is a park entry fee.

Bring: Kids, binoculars, warm clothes (temperature can drop significantly), snacks, water. If you bring a flashlight, please cover it with red cellophane or red cloth.

****Leaving:** The Park gates will be locked and visitors will be able to leave the summit and **exit the park only by escorted caravans of cars through the North Gate** a few times during the evening. Caravans will be announced at hourly intervals during the program (1st caravan: 2 hours after Program Starts) and for safety, visitors should only leave with these escorts.



NOTE: Astronomy Program is weather permitting (including “High Fire Danger”). **Rain cancels.**
Go to: <http://www.mdas.net> and click on **Event Calendar** or call Mt. Diablo State Park – 925-837-2525.

Mount Diablo Astronomical Society: www.mdas.net
A proud member of the NASA Night Sky Network: <http://nightskynetwork.net>
Email: outreachinfo@mdas.net