

## **Sky Tours 2018 Schedule**

Weather permitting, volunteers from the Stockton Astronomical Society will set up their telescopes for the public at S.J. Delta College in the Athletics 1 parking lot on one Friday every month.

Telescope viewing generally begins at 7:00 PM but note the monthly changes on the schedule. The Moon will likely be visible in the telescopes from the beginning. Dark and clear sky makes for better viewing and as the sky darkens more objects will become visible.

Every month we will attempt to feature a different deep sky object. Deep sky objects are very far away and look dim and fuzzy. We will point one of our larger aperture telescopes at a deep sky object during the last hour of viewing. In order to view these objects, it is often necessary to stand on a step stool or ladder that will be next to the telescope.

There is no charge for telescope viewing provided by the Stockton Astronomical Society or by Delta College. If you own your own telescope or binoculars, you are welcome to bring it with you.

We will update this schedule with new information as it becomes necessary.

For more information call SAS volunteers:

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Website: <http://stocktonastro.org/>

## 2018 Schedule

### Friday, January 19

Starts at 7:00 pm

The Moon, The Pleiades, The Hyades

Deep sky Object: M31 (The Andromeda Galaxy)

### Friday, February 23

Starts at 7:00 pm

The Moon, Venus at sunset, Orion Nebula, The Pleiades

Deep sky Object: NGC 869 & 884 (Perseus Double Cluster)

### Friday, March 23

Starts at 7:30 pm

The Moon, Venus and Mercury at sunset, Orion Nebula, Pleiades

Deep sky Object: M37 (Open Star Cluster)

### Friday, April 20

Starts at 7:30 pm

The Moon, Venus, Jupiter will join us late in the evening, Orion Nebula, The Pleiades,

9:30 pm - Deep Sky Object: M81 & M82 (Bodes Galaxies)

### Friday, May 18

Starts at 8:00 pm

The Moon, Venus, Jupiter

9:30 pm - Deep Sky Object: M104 (Sombrero Galaxy)

### Friday, June 22

Starts at 8:30 pm

The Moon, Mercury at sunset, Venus, Jupiter, Saturn, M13 (Star Cluster in Hercules)

10:00 pm - Deep Sky Object: M51 (Whirlpool Galaxy)

### Friday, July 20

Starts at 8:30 pm

The Moon, Venus, Jupiter, Saturn, M13 (Star Cluster in Hercules), Mars will join the party after 10:30 and will be at it's closest on July 30

10:00 pm - Deep Sky Object: M3 (Globular Cluster)

## 2018 Schedule

### Friday, August 17

Starts at 8:00 pm

The Moon, Venus, Mars, Jupiter, Saturn, M13 (Star Cluster in Hercules),  
9:30 pm - Deep Sky Object: M8 & M20 (Lagoon Nebula & Trifid Nebula)

### Friday, September 14

Starts at 7:30 pm

The Moon, Venus at sunset, Mars, Jupiter, Saturn, M13 (Star Cluster in Hercules)  
9:00 pm - Deep Sky Object: M57 (Ring Nebula)

### Friday, October 12

Starts at 7:00 pm

The Moon, Mars, Jupiter at sunset, Saturn, M13 (Star Cluster in Hercules)  
8:00 pm - Deep Sky Object: M27 (Dumbbell Nebula)

### Friday, November 16

Starts at 7:00 pm

The Moon, Mars, Saturn, Uranus  
8:00 pm - Deep Sky Object: M31 (Andromeda Galaxy)

### Friday, December 14

Starts at 7:00 pm

The Moon, Mars, Uranus  
8:00 pm - Deep Sky Object: M33 (Pinwheel Galaxy)