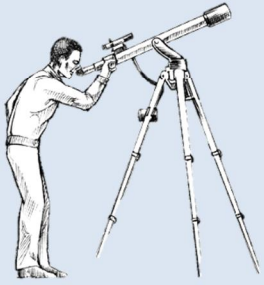


# GM Astronomy Club



## Welcome Letter

June 2, 2017

### Welcome!

Welcome to the first GM Astronomy Club meeting! We are excited to share the night sky with you and be a resource for your interest in astronomy. As we work to establish the club and grow our network, the first year of membership is free and open to every GM employee.

In addition to enjoying the Moon, planets, and deep sky objects tonight, we hope you will also take this opportunity to meet new people and discuss activities you would like the club to host in the future. We plan to continue hosting a monthly observing night, however, we could also explore options for daytime activities, guest speakers, and community outreach, provided there is interest and participation from our members.

We hope to provide a monthly newsletter with a guide to upcoming local events as well as celestial events. If there is any information you would like to add or any services you can provide for the club, please let us know.

Don't worry if you don't have a telescope, because you will find most amateur astronomers to be friendly and eager to share their equipment and knowledge with newcomers to the hobby.

Clear Skies!

### Tonight's Observing Guide

- The Moon is in the First Quarter and sets at 2:40am.
- Jupiter will be visible high in the southern sky until well after midnight
- The ISS makes two passes tonight!
  - 1) 10:19pm NW to NE, max altitude 17°
  - 2) 11:55 pm NW to NE, max altitude 34°
- Saturn rises at 9:54pm, but won't be high enough for viewing until close to midnight
- DSO Highlights: M51, M57, M13

### Site Information

MPG Softball Fields

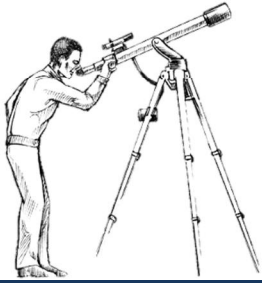
42°36'15"N 83°41'49"W (42.604167, -83.696944)

Elevation: 303 meters (995 ft)

MPG Security Emergency: +1 248 685 5911

Jim Goodall, Astronomy Club: +1 586 709 5888

# GM Astronomy Club



## Resources

### Accessories

Head Lamp - Coleman Divide+ 225 Im LED Headlamp with Battery Lock - this to be a good headlamp for star parties because it has a red lamp and you don't have to cycle through all the bright modes to turn it on and off. It is also very bright when you need it to be.

Cell Phone Holder - Gosky Universal Cell Phone Adapter Mount – this is a fun accessory to have to take some basic images and share what you are seeing with others online.

Star Finder - The Night Sky 40°-50° (Large) Star Finder – this is nice to have on hand even if you don't have a telescope but wish to learn more about constellations.

Solar Eclipse Equipment - Celestron EclipSmart Ultra Solar Observing & Imaging Kit – this kit offers some basic items to view the eclipse come August.

### Equipment

There are many different types of telescopes, and the choice is very much dependent on the interests of the individual, but these are some general recommendations:

Binoculars - Celestron SkyMaster – Celestron makes a few levels of binoculars if you are just starting out and not sure you want to buy a telescope or even if you want something small and compact to view space on the go.

Beginner Telescope - Orion 10014 SkyQuest XT4.5 Classic Dobsonian Telescope - this telescope is easy to use and great for beginners. The size makes it easy to place on the ground for children to see.

General Telescope - Celestron Advanced VX 8in Schmidt-Cassegrain (SCT) Telescope: the Celestron C8 on an equatorial mount, an excellent scope for intermediate users. The long focal length lends well to planetary viewing, although it is still very capable for deep sky observing and astrophotography.