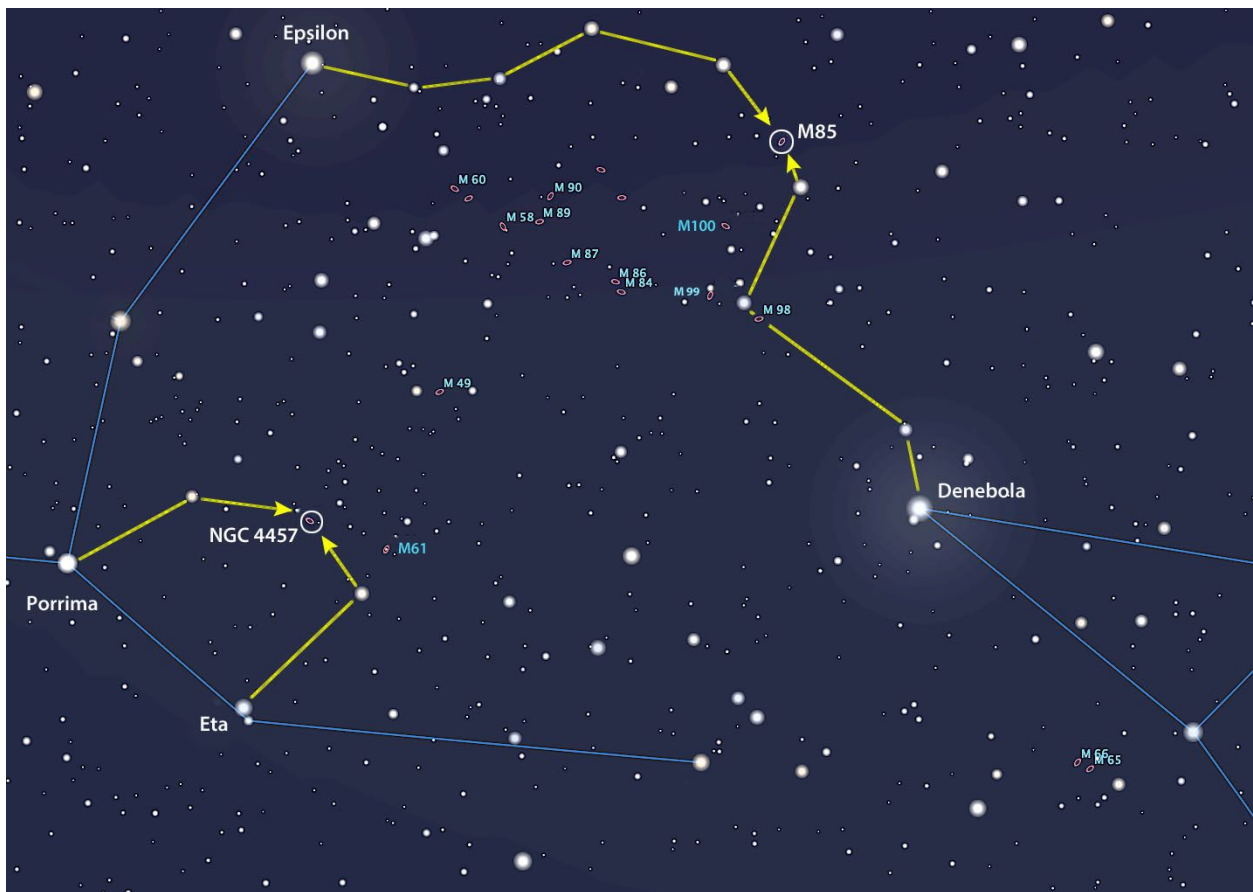


Meeting Minutes 7/10/2020

- Club Announcements
 - Game Night! Next week July 17th
 - We have a new Jackbox party pack
 - Minecraft server 1.16.1
- What's Up Astro Club with Yancy
 - Comet NEOWISE!!!
 - Up at like 4am in the morning
 - July 14th-15th the comet will be going through Ursa Major
 - Two more supernova have gone off
 - M85 and NGC 4457
 - Can see with 6in+ telescope



- Jupiter and Saturn rising near Sagittarius
- New storm on Jupiter - called Clyde's spot, Juno was able to image it
- Venus is up in the morning, making a pass near Aldebaran within the next days
- Mercury is back July 17-18th early morning ~ 30 minutes before sunrise
- Astronomy Question of the Week with Don
 - Comet NEOWISE was seen by the ISS and Parker Solar Probe
 - Modern Advertising spell check issues
 - Space X Launch June 13th 2020 - what's up with the colors?

- The angle we are viewing it at? The atmosphere?
- Taken just before sunrise
- Color of the booster changing?
- Light from rocket in “twilight”
- Up high enough to reflect blue light
- The different definitions of Twilight
 - Three definitions of twilight:
 - Civil twilight - the sun has set 6 to 12 degrees below the horizon
 - Nautical twilight - the sun is 12 to 18 degrees below the horizon
 - Astronomical twilight - 18+ degrees below the horizon
 - Different colors of the sky depending on the angle you look at the horizon during twilight
 - Noon, sunset, twilights
 - Sunlight’s actual path through 40 airmasses is a bit bent
- Astrophotography with Sai
 - <https://www.youtube.com/watch?v=re3oEKX6Fks>
 - Mount camera to track part of the sky, stationary relative to space, rotating relative to Earth