

# South Shore Astronomical Society

Since 1958

## Observing Objectives – September '20



*A sampling of some rewarding night-sky treats for this month:*

**Open Cluster** – NGC 7789, Caroline’s Rose cluster in Cassiopeia.

**Globular Cluster** – M15 in Pegasus. 12 billion years old and houses PN *Pease 1*.

**Double Star** – Almach (Gamma Andromedae) Striking color contrast.

**Planetary Nebula** – NGC 7009, the Saturn nebula in Aquarius.

**Galaxy** – NGC 404, Mirach’s Ghost in a dwarf lenticular galaxy in Andromeda.

**Comets** – No recommendations this month.

**Mercury** – Low-angle eastern elongation this month, tough to observe.

**Venus** – Continues its march towards the Sun, approaches Regulus end of month.

**Mars** – grows to 22.4” by month’s end, culminates at nearly 55\* above horizon.

**Jupiter** – Channel Galileo this month – draw the moons!

**Saturn** – Take the Saturnian Satellite Challenge – can you get 5?

**By Day: The Sun** – rising from its slumber of minima lately, maybe.

**Notable Dates:**    **Full Moon** – 9/2    **New Moon** – 9/17    **Equinox** – 9/22