

Pleasant Hills Library Jefferson Hills Library Star Party

LAT: 40.2975 N LONG: -79.9298 W

Star Party presented by the Amateur Astronomers Association of Pittsburgh (AAAP)

Place: Jefferson Hills Library Front Parking Lot

925 Old Clairton Rd,
Clairton, PA 15025

Pleasant Hills Library - Contact: Darcy Vegallito 412-655-2424

Jefferson Hills Library - Contact: Ann Settle 412-655-7741

Event Date: August 17, 2017

Rain or Cloudy Makeup Date: August 23, 2017

Time 9:00 – Presentation will held in the Jefferson Hills Library

Bring your binoculars if you have them. Many night sky objects can be seen through 10 X 50 binoculars. You just need to know where to look. See * references below

Some of the evening viewing objects are outlined below. Additional objects will be available for viewing by each member's favorite night sky objects.

The Moon:

On August 16th the Moon will set at 1:35 pm and does not rise again until 1:06 am. There will be no Moon to view. This will give us darker skies for astronomy viewing. The Moon will be 23.3 days old.

On August 23rd the Moon will set at 8:37 pm and will rise at 8:22 am. There will be no Moon for viewing. The new Moon will be 1.5 days old.

*Planets:

Two planets will visible in the sky. The majestic Jupiter and its four inner moons can be seen in the South Western skies. Slightly east will be Saturn with its rings sitting high in the Southern sky.

Summer Triangle:

The Summer Triangle – the triangle is formed by the stars Vega, Deneb and Altair.

Nebulas:

M8 (LAGOON NEBULA with open cluster NGC6530) Sagittarius

M20 Sagittarius

M17 (Omega or Swan) Sagittarius

M57 (RING) Lyra

M27 (DUMBEL) Vulpeca

*Galaxies

M51 (WHIRLPOOL) WITH COMPANION NGC5195 Canes Venatici

M81/82 Ursa Major

NGC7331 Pegasus

Globular Clusters

M22 Sagittarius

M28 Sagittarius

M4 Scorpius

M13 Hercules

Open Clusters:

NGC 869/884 (Double Cluster)
NGC457 (Owl, Dragonfly or ET cluster)
NGC7789 Cassiopeia
NGC6819 Cygnus
NGC6530 (with M8 - Lagoon) Sagittarius

*Multiple Stars:

EPSILON LYR, #335, 208//3/2, 5.5/6.5//5/5.5, Double/Double
BETA CYGNI (ALBIREO) #339, 34", 3/5.5, Yellow/Blue
OMICRON CYGNI #NONE, 107", 4/7,
ALPHA HERC #327, 47",3.2/5.4, Yellow/Blue
95 HER, #319, 6", 5/5, Green/Red
EPSILON BOO #154, 3", 2.5/5, Yellow/Blue Green
MU DRA, #325, 2", 5.5/5.5, White/White
36 OPH, #326, 4", 5.5/5.5, Yellow/Red
70 OPH, #331, 3", 4/6, Yellow/Red Orange

*Artificial Satellite Fly Overs:

As these objects pass over head they will be pointed out to the visiting guest. These man-made objects can be viewed as they slowly glide through the heavens above us.