

Oregon Star Party Observing Award 2017 Level 4 - Astrophotography List

Astrophotography is a specialized type of photography that entails recording images of astronomical objects and large areas of the night sky. The easiest way to capture the night sky is to use an ordinary DSLR camera with interchangeable lenses. Such equipment affords a wide field of view, making easy work of imaging constellations, meteors, the Milky Way, and much more.

As with the other Observing Lists, astrophotographers will appreciate the opportunity to show off their creations. The Level 4 Astrophotography Observing Award is a wonderful introduction to wide-field astrophotography. To receive the award pin you must photograph at least 8 of the 10 listed wide field regions or objects while you are at OSP. When finished bring your record of observations to the Observing Program table next to the Information Tent to receive your pin (\$5 cash). *The Observing Program table will be staffed by volunteers between 11:00 a.m. and 1:00 p.m. every day from Saturday, August 19 through Tuesday, August 22.*

Finally, with your permission, OSP would like to display the images on the website for everyone to see!

#	Type	Object	Con	RA	Dec	Alternate Name	Comments
1	EC	Solar Eclipse					<i>Do not observe with the naked eye! Use a solar filter.</i>
2	PL	Jupiter	Vir				
3	PL	Saturn	Oph				
4	DB	Mizar (Zeta UMa)	UMa	13h23m	+54°55'		Capture the double star Mizar in Ursa Major
5	OC	Pleiades (M45)	Tau	03h47m	+24°07'		Rises late!
6	GX	Milky Way					Any part that you find interesting
7	NB	Cygnus Rift	Cyg	20h55m	+45°16'		Dark nebula near Deneb part of Great Rift
8	ST	Polaris	UMi				Long exposure
9	CN	Sagittarius	Sag				Galactic center! Capture whatever you find interesting.
10	MT	Meteors					Perseids peak in August. Look to the north.

Key

EC	Eclipse
PL	Planet
DB	Double Star
OC	Open Cluster
GX	Galaxy
NB	Nebula
ST	Star
Con	Constellation
MT	Meteor