

Oregon Star Party Observing Award 2017 Level 2 - Intermediate List

Most objects in the list below are visible with an 8-inch telescope between civil twilight and astronomical dawn. To receive the OSP Level 2 observer pin you must observe and record at least 14 of the listed objects while you are here at OSP. A short description of each object is required and object sketches are encouraged. Sketch double stars with north at the top. Goto and image enhancers (photography) are permitted at OSP for the OSP award. Each object's page number in the popular Sky and Telescope Pocket Sky Atlas (PSA) is listed as well.

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.*

#	Type	Object	Con	RA	Dec	Mag	PSA	Alternate Name/Comments
1	Ecl	Solar Eclipse	---	--	--	--	--	<i>Do not observe with the naked eye! Use a solar filter.</i>
2	GX	NGC 247	Cet	00h47m	-20°45'38	9.7	7	
3	Comet	237P/Linear	Pis	01h07m	+23°44'29	10.3	5	Coma diameter 3.5'
4	OC	NGC 436	Cas	01h15m	+58°48'42	9.3	3	
5	Planet	Uranus	Pis	01h45m	+10°15'59	5.7	4	Size 3.6" (coords for 19 Aug)
6	GX	NGC 784	Tri	02h01m	+28°50'14	12.2	4	
7	PN	NGC 1535	Eri	04h14m	-12°44'22	9.4	17	Cleopatra's Eye
8	Double	118 Tau (τ 118)	Tau	05h29m	+25°09'00	5.4	14	A = 118 τ / B = HIP 25695
9	GX	NGC 3726	UMa	11h33m	+47°01'45	10.7	32	
10	GX	NGC 4490	CaV	12h30m	+41°38'37	9.8	43	Cocoon Galaxy
11	GX	NGC 5005	CaV	13h10m	+37°03'30	10.5	43	
12	GX	NGC 6207	Her	16h43m	+36°49'57	11.9	52	
13	Double	Epsilon 1/2 Lyr (ϵ 1/2)	Lyr	18h44m	+39°40'14	3.06	54	Split both ϵ 1 and ϵ 2 (<i>The Double Double</i>)
14	GC	NGC 6356	Oph	17h23m	-17°48'48	8.2	56	
15	PN	NGC 6572	Oph	18h12m	+06°51'12	8	65	Blue Racquetball
16	OC	NGC 6633	Oph	18h27m	+06°30'30	5.6	65	
17	GC	NGC 6712	Scu	18h53m	-08°42'18	8.1	67	
18	OC	NGC 6834	Cyg	19h52m	+29°24'30	9.7	64	
19	Diff Neb	NGC 6960	Cyg	20h45m	+30°43'00	7	62	Veil Nebula (West) Size 63' x 6' (<i>supernova remnant</i>)
20	GC	NGC 7006	Del	21h01m	+16°11'18	10.6	75	
21	PN	NGC 7048	Cyg	21h14m	+46°17'18	11	73	
22	OC	NGC 7128	Cyg	21h43m	+53°42'54	11.3	73	
23	GX	NGC 7331	Peg	22h37m	+34°24'59	10.2	72	
24	Planet	Neptune	Aqu	22h58m	-07°31'49	7.8	76	Size 2.3" (coords for 19 Aug)
25	GX	NGC 7793	Scu	23h57m	-32°35'28	9.7	78	