

Oregon Star Party Observing Award 2016 Level 2 - Intermediate List

This is the intermediate list for 2016. To receive the OSP Level 2 Observing pin and certificate, you must observe **at least 14 of the objects listed** below, while at OSP. A short description of each object is required. Double stars observed must be sketched with north at the top. Sketch at least 1 galaxy pair or group. Most objects should be visible with an 8" scope. Go-to and image enhancers (photography) are permitted at OSP for the OSP award. An LA or IE will be placed on the award certificate and on the OSP web site. See the PSA column or Ur2 column for page numbers for the Pocket Sky Atlas or Uranometria 2000. Objects with no PSA page will be more difficult. You should be able to find a description of most objects in The Night Sky Observer's Guide. Challenge objects will require extra preparation. When finished, bring the list to the Information Tent to receive your OSP Observing Award certificate and optional \$5 pin for level 2

#	TYPE	OBJECT	Con	RA	DEC	MAG	Ur. 2	PSA	Comments
1	Doub	Epsilon Boo	Boo	14h44m59.2s	+27°04'28"	2.4	70	44	2.8" separation
2	Var	VX And	And	00h19m54.0s	+44°42'34"	8.6	30		Carbon Star
3	Open	NGC 281	Cas	00h52m49.0s	+56°37'42"	7.4	18	3	
4	Var	S Cep	Cep	21h35m12.9s	+78°37'28"	10.1	3	71	Carbon Star
5	PNe	NGC 6790	Aql	19h22m57.0s	+01°30'46"	11.4	105	65	
6	Open	NGC 6716	Sgr	18h54m34.0s	-19°54'06"	7.5	145	67	
7	PNe	NGC 40	Cep	00h13m01.0s	+72°31'19"	10.7	8	1	
8	MP	(433) Eros	Aqr	22h18m23.2s	-02°05'59"	12.3	102	77	Near Gamma Aqr
9	Glob	NGC 6229	Her	16h46m59.0s	+47°31'42"	9.4	35	52	
10	Gal	NGC 772	Ari	01h59m20.0s	+19°00'28"	10.6	80	4	
11	Open	NGC 225	Cas	00h43m39.0s	+61°46'30"	8.9	18	1	
12	Glob	NGC 6539	Ser	18h04m50.0s	-07°35'12"	8.9	126	67	
13	PNe	NGC 1501	Cam	04h06m59.2s	+60°55'14"	12	28	11	
14	Glob	NGC 6517	Oph	18h01m51.0s	-08°57'30"	10.1	126	67	
15	Neb	Sh 2-155	Cep	22h56m48.0s	+62°37'00"		8	71	
16	PNe	NGC 6058	Her	16h04m26.6s	+40°40'56"	13	35		Use Ur. 2
17	Gal	NGC 891	And	02h22m33.6s	+42°20'46"	10.9	44	2	
18	PNe	NGC 246	Cet	00h47m03.3s	-11°52'19"	10.4	140	7	
19	Glob	NGC 5466	Boo	14h05m27.0s	+28°32'06"	9.2	70	44	
20	Gal	NGC 1275	Per	03h19m48.2s	+41°30'42"	12.6	43	13	
21	Open	NGC 752	And	01h57m41.0s	+37°47'06"	6.6	62	2	
22	Glob	NGC 6426	Oph	17h44m54.0s	+03°10'12"	10.9	106	54	
23	Glob	Palomar 11	Aql	19h45m14.0s	-08°00'24"	9.8	125	66	
24	Gal	NGC 5965	Dra	15h34m02.3s	+56°41'13"	12.7	22		Use Ur. 2
25	Gal	NGC 4157	UMa	12h11m04.9s	+50°29'07"	12.1	37	43	