

OSP 2011 Level 1 List

by Jim Todd and Mark Martin

The best way to enjoy the unique beauty of the dark skies at Oregon Star Party is to view bright Messier objects, popular double stars and planets. The objects listed are easily visible in telescopes and binoculars of all sizes - perfect for those who are just getting started. To receive the OSP Level 1 Observer pin and award certificate, you must observe and record at least 20 of the 25 listed objects while you are at OSP. As an added reference, each object's page number in the popular Sky & Telescope's Pocket Sky Atlas is listed in the right-hand column.

All of the listed objects are visible between sunset and 4 a.m.. Go-to telescopes and image enhancers (photography) are not permitted for the OSP Level 1 award. You may get assistance in locating the object on the star charts or through other finders, but you should position on the object directly. Looking through another scope, in which the object is already sighted, is not acceptable. While a sketch of the object is preferred, it is not necessary for the level 1 list. Instead, you may provide a good description of the object. When finished, bring the list to the Information Tent to receive your OSP Pin.

	Type	Name	Con	R.A.	Dec.	Mag	Comments	PSA
1	DVar	Albireo	Cyg	19h31	27.59	3.1	Beta 1 Cyg	64
2	Glob	M4	Sco	16h24	-26.33	5.4	NGC 6121	57
3	Gal	Whirlpool Galaxy	CVn	13h30	47.08	8.7	M51	43
4	DVar	Vega	Lyr	18h37	38.48	0	Alpha Lyr	63
5	Glob	M13	Her	16h42	36.26	5.8	Keystone Cluster	52
6	P Ne	Ring Nebula	Lyr	18h54	33.02	9.4	M57	63
7	Open	Collinder 399	Vul	19h25	20.12	4.8	OCL 113	65
8	Glob	M5	Ser	15h19	2.02	5.7	NGC 5904	55
9	Glob	M12	Oph	16h47	-1.57	6.1	NGC 6218	56
10	Glob	M10	Oph	16h57	-4.06	6.6	NGC 6254	56
11	Glob	M22	Sgr	18h37	-23.53	5.2	NGC 6656	67
12	Neb	Lagoon Nebula	Sgr	18h04	-24.23	5	M8	67
13	DVar	Altair	Aql	19h51	8.54	0.8	Alpha Aql	64
14	P Ne	Dumbbell Nebula	Vul	20h00	22.45	7.3	M27	64
15	Open	Collinder 417	Vul	20h12	26.31	5.7	NGC 6885	64
16	DVar	Deneb	Cyg	20h41	45.19	1.2	Alpha Cyg	62
17	Gal	Andromeda Galaxy	And	0h43	41.2	4.3	M31	3
18	DVar	Polaris	Umi	2h47	89.18	2	Alpha Umi	1
19	Doub	Almaak	And	2h04	42.23	2.1	Gamma 1 And	2
20	Open	NGC 869	Per	2h19	57.1	4.3	h Persei	2
21	Open	NGC 884	Per	2h23	57.11	4.4	Chi Persei	2
22	Open	M34	Per	2h42	42.48	5.8	NGC 1039	2
23	MSS	Jupiter	Ari	2h33	13.35	-2.7	Jupiter	4
24	Open	Melotte 20	Per	3h25	49.54	2.3	Collinder 39	13
25	Con	Cygnus	Cyg	20h35	44.35	0	Cygnus	62