

OSP Showcase

You are required to observe and record at least 25 of the 30 listed objects. You must manually control the instrument you are using. You may gain assistance in locating the object on star charts or through someone else's finder, but you should position the scope on the object yourself. Looking through someone else's scope, who already has the object sighted in, is not acceptable. (Objects are sorted by Right Ascension)

Deep Sky Objects

	Name		Location			Mag	Const	Type	Common Name
	M#/NGC	R.A.	Dec						
1	M31 / 224	00	42	41	16	4.5	AND	Gal	Andromeda Galaxy, w/ M32 & M110
2	M33 / 598	01	34	30	39	7.0	TRI	Gal	Triangulum Galaxy
3	M76 / 650	01	42	51	34	12.0	PER	PIN	Little Dumbbell Nebula
4	NGC 884, 869	02	22	57	7	3.5	Per	OCI	Double Cluster
5	M1 / 1952	05	34	22	1	9.0	TAU	SNR	Crab Nebula
6	M81 / 3031	09	55	69	4	8.5	UMA	Gal	
7	M63 / 5055	13	16	42	2	8.5	CVN	Gal	Sunflower Galaxy
8	M51 / 5194	13	30	47	12	8.0	CVN	Gal	Whirlpool Galaxy
9	M3 / 5272	13	42	28	23	7.0	CVN	GCI	
10	M5 / 5904	15	18	2	5	7.0	SER	GCI	
11	M4 / 6121	16	23	-26	32	7.5	SCO	GCI	
12	M13 / 6205	16	42	36	28	7.0	HER	GCI	Hercules Cluster
13	M92 / 6341	17	17	43	8	7.5	HER	GCI	Globular Cluster in Hercules
14	M23 / 6494	17	57	-19	1	6.0	SGR	OCI	
15	M20 / 6514	18	2	-23	2	5.0	SGR	C/N	Trifid Nebula
16	M8 / 6523	18	4	-24	23	5.0	SGR	C/N	Lagoon Nebula
17	M17 / 6618	18	21	-16	11	7.0	SGR	C/N	Omega Nebula
18	M11 / 6705	18	51	-6	16	7.0	SCT	OCI	Wild Duck Cluster
19	M57 / 6720	18	53	33	2	9.5	LYR	PIN	Ring Nebula
20	Cr 399	19	25	20	11	3.6	Vul	OCI	Brocchi's Cluster / Coathanger
21	M55 / 6809	19	40	-30	58	7.0	SGR	GCI	
22	M27 / 6853	19	59	22	43	7.5	VUL	PIN	Dumbbell Nebula
23	M15 / 7078	21	30	12	10	7.5	PEG	GCI	
24	M2 / 7089	21	33	0	49	7.5	AQR	GCI	

Double Stars

	Name	RA	DEC	Mag	CON	Separation	Description	
25	Beta Cyg	19	30.7	27	58	3.1-5.1	Cyg 34"	Albireo-striking blue/gold pair!
26	Alpha CVn	12	56	38	19	2.9-5.5	CVn 19"	Cor Caroli - bright- easy pair
27	Alpha UMi	2	31.8	89	16	2.0-9.0	UMi 18"	Polaris-much fainter companion
28	Epsilon Lyr	18	44.3	39	40	5.0-6.1-5.2-5.5	Lyr 208"-2.6"-2.3"	Double-Double- two matched pairs

Planets

29	Jupiter	41	53	-14	45	-2	Lib	The King of Planets
30	Saturn & Venus	9	19	16	27	1, -4	Cnc	Close conjunction OSP Weekend!