

## 2008 OSP Level 1 Observing List Before Midnight

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.

	<b>Name</b>	<b>Type</b>	<b>R.A.</b>	<b>Dec</b>	<b>Common Name</b>
1	M2	GCL	21.33	0.49	
2	M10	GCL	16.57.2	-4.06	
3	M11	OCL	18.51	-6.16	The Wild Duck Cluster
4	M12	GCL	16.47.2	-1.57	
5	M15	GCL	21.3	12.1	
6	M16	OC/NEB	18.18.9	-13.47	The Eagle Nebula and Cluster
7	M22	GCL	18.36.4	-23.54	
8	M27	PLN	19.59.6	22.43	The Dumbell Nebula
9	M29	OCL	20.24	38.31	
10	M30	GCL	21.40.4	-23.11	
11	M31	GAL	42.7	41.16	Andromeda Galaxy
12	M33	GAL	1.33.8	30.39	
13	M34	OCL	2.42	42.47	
14	M51	GAL	13.29.9	47.12	Whirlpool Galaxy
15	M52	OCL	23.24.2	61.36	
16	M80	GCL	16.14.1	-22.59	
17	M92	GCL	17.17.1	43.08	
18	NGC884,869	OCL	2.22	57.7	The Great Double Cluster
19	Cr399	OCL	19.25	20.11	Broocchi's Cluster / Coathanger
20	Stock 2	OCL	2.15	59.16	The Muscle Man Cluster

<b>Double Stars</b>			
	<b>Name</b>		<b>Description</b>
21	Beta	Cyg	Double/Alberio
22	Alpha	CVn	Double/Cor - Caroli
23	Alpha	UMi	Double/Polaris
24	Delta	Lyrae	Double with Small Open Cluster

<b>Star</b>			
	<b>Name</b>		<b>Description</b>
25	Mu	Cephei	Herschel's Garnet Star

<b>Constellations, Unaided Eye</b>	
<b>Locate and Identify the Brightest Stars</b>	
26	Camelopardus
27	Capricornus
28	Draco
29	Lacerta
30	Scutum