

## 2007 Observing List Level 1 List OSP Sampler

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>Object</b>	<b>Description</b>	<b>R.A.</b>	<b>Dec.</b>
1	M-6	Butterfly Cluster- Open- in Scorpius	17.40.0	-32.12
2	M-7	Open Cluster in Scorpius	17.54.0	-34.49
3	M-10	Globular Cluster in Ophiuchus	16.57.2	-4.06
4	M-12	Globular Cluster in Ophiuchus	18.51.1	-6.16
5	M-16	Eagle Nebula and Cluster in Serpens Cauda	18.18.9	-13.47
6	M-22	Globular Cluster in Sagittarius	18.36.4	-23.54
7	M-29	Open Cluster in Cygnus	20.24.0	38.31
8	M-30	Globular Cluster in Capricornus	21.40.4	-23.11
9	M-34	Open Cluster in Perseus	02.42.0	42.47
10	M-35	Open Cluster in Gemini	06.08.8	24.2
11	M-36	Open Cluster in Auriga	05.36.3	34.08
12	M-37	Open Cluster in Auriga	05.53.0	32.33
13	M-38	Open Cluster in Auriga	05.28.7	35.5
14	M-42	Great Orion Nebula	05.35.3	-5.23
15	M-43	Separate Area of Great Orion Nebula	05.35.5	-5.16
16	M-45	The Pleiades - open cluster in Taurus	03.47.5	24.07
17	M-52	Open Cluster in Cassiopeia	23.24.2	61.36
18	M-74	Spiral Galaxy in Pisces.01.36.7	01.36.7	15.47
19	M-80	Globular Cluster in Scorpius	16.14.1	-22.59
20	Melotte111	Open Cluster in Coma Berenices	12.25.0	26
21	The Hyades	open cluster in Taurus	04.27.0	15.52
22	Stock 2	"The Muscle Man Cluster" open cluster in Cassiopeia	02.15.0	59.16
23	Mizar-Alcor	Sidus Ludovicianum. Visual and Telescopic double and 4th star between; in Ursa Major	13.24.0	54.56
24	Eta Cassiopeia	Double Star	00.49.0	57.49
25	Gamma Andromeda	Double Star	02.03.0	42.19
26	Iota Triangulum	Double Star	02.12.4	30.18
27	Mu Cephei	Herschel's Garnet Star	21.43.5	58.47
28	Delta Lyrae	Wide double part of open cluster	18.54.0	36.55
29	Jupiter and its Moons	about 5 degrees from Antares in Scorpius		
30	Describe a meteor; time, date, direction, location in sky, magnitude, speed, color and duration.			