

Level 2 OSP 2011

The Level 2 list is a 5x5 list which includes 5 objects from each of 5 object classes, and has been designed to be completed over 2 nights. To qualify for the OSP Level 2 Observer pin, you must observe at least 16 of the 25 objects while at OSP. The list can be completed with an 8" telescope. Go-to and image enhancers (photography) are permitted at OSP for the Level 2 award. An LA or IE will be indicated on the award certificate and OSP web site's list of award winters. In the list below, the column marked "PSA" indicates the page number from the popular Pocket Sky Atlas.

When sketching objects, remember that stars drift east to west and north is located 90 degrees CCW from west in your eyepiece (for a Newtonian reflecting telescope). Each double star pair must be sketched with north on top.

This year, we encourage everyone to describe and sketch each of the objects into the Observer Log Sheet. The blank log sheet is available on the OSP webpage to download and print. It will also be included in the OSP Observer Guide. A limited quantity will also be in the Information Tent. If you prefer, you may instead use your own log book. Keep your drawings simple, and be sure to label your objects with descriptions, colors or anything else you noticed. When finished, bring the list to the Information Tent to receive your OSP Level 2 Observer pin before noon on Sunday.

	Type	Name	Con	RA	Dec	Mag	PSA	Comments
1	OC	NGC 752	And	01h58m21.9s	+37°50'20"	6.6	2	
2	DS	Struve 2404	Aql	18h51m19.9s	+10°59'24"	6.4	65	
3	DS	Gamma 1 Ari	Ari	01h54m09.6s	+19°21'03"	4.6	4	symbol: γ
4	GX	NGC 772	Ari	01h59m57.8s	+19°03'45"	10.6	4	
5	GX	NGC 2403	Cam	07h37m55.8s	+65°34'42"	8.8	21	
6	OC	NGC 225	Cas	00h44m19.5s	+61°50'04"	8.9	1	Sailboat Cluster
7	OC	NGC 7380	Cep	22h47m49.4s	+58°11'20"	8.8	72	
8	GX	NGC 157	Cet	00h35m21.7s	-08°19'54"	11	7	
9	PN	NGC 246	Cet	00h47m38.1s	-11°48'28"	10.4	7	
10	DS	Sigma CrB	CrB	16h15m08.8s	+33°49'47"	5.7	53	symbol: σ
11	PN	NGC 6905	Del	20h22m55.2s	+20°08'27"	12	64	
12	GC	NGC 7006	Del	21h02m02.6s	+16°13'59"	10.6	75	
13	GC	NGC 6934	Del	20h34m46.3s	+07°26'41"	8.9	64	
14	GX	NGC 5907	Dra	15h16m14.2s	+56°17'16"	11.1	53	Splinter GX
15	GC	NGC 6229	Her	16h47m20.8s	+47°30'28"	9.4	52	
16	DS	Rho Her	Her	17h24m06.7s	+37°08'09"	5.4	52	symbol: ρ
17	DS	70 Oph	Oph	18h06m04.1s	+02°29'54"	4.2	65	
18	GC	M 107	Oph	16h33m12.9s	-13°04'41"	7.8	56	NGC 6171. Sets early.
19	OC	NGC 1245	Per	03h15m29.1s	+47°16'38"	7.7	13	
20	GC	NGC 6712	Sct	18h53m43.6s	-08°41'23"	8.1	67	
21	PN	NGC 6818	Sgr	19h44m38.5s	-14°07'26"	10	66	Little Gem. Sets early.
22	PN	NGC 6445	Sgr	17h49m58.3s	-20°00'44"	13	56	Sets early.
23	PN	NGC 6629	Sgr	18h26m26.6s	-23°11'42"	10.5	67	Sets early.
24	GX	M 109	UMa	11h58m12.8s	+53°18'47"	10.5	32	NGC 3992. Sets early.
25	OC	NGC 6940	Vul	20h34m56.4s	+28°19'18"	7.2	64	