

## SSP 2008 Imaging List

Name	Object ID	Object Type	Size	Constellation	RA	DEC	Comments
Cocoon Nebula	IC5146	Nebula	20'x10'	Cygnus	21h53m44s	47°18'25"	Dim reflection nebula with central star
Bubble Nebula	NGC7635	Nebula	15' x 8'	Cassiopeia	23h20m35s	61°13'48"	Nebula looking like a soap Bubble; Near OC M52 (Nice wide field pair)
Iris Nebula	NGC7023	Nebula	5'x5'	Cepheus	21h53m44s	68°12'01"	Looks like a flower; blues with filamentary dark lanes
Crescent Nebula	NGC6888	Nebula	20'x10'	Cygnus	20h13m07s	38°20'33"	Delicate lacy red nebula in area with lots of stars
Triffid Nebula	M20	Nebula	28'x28'	Sagittarius	18h03m13s	-22°57'58"	Red and blue nebula with dark lanes; near M8 (Lagoon) and M21 (OC)
Lagoon Nebula	M8	Nebula	45'x30'	Sagittarius	18h04m13s	-24°22'57"	Nebula and open cluster (NGC6530/33) pairing; large and beautiful reds
Dumbell Nebula	M27	Planetary	8'x5.7'	Vulpecula	19h59m58s	22°44'25"	Beautiful planetary with filamentary details and central star; try for outer structure
Cave Nebula	Sh2-155	Nebula	50'x30'	Cepheus	22h57m08s	62°39'44"	Large nebula with interesting dark areas; dim and diffuse
North American Neb	NGC7000	Nebula	120'x30'	Cygnus	21h02m06s	44°14'02"	Very large nebula complex with several clusters and dark nebula involved
Veil Nebula	NGC6992	Nebula	60'x8'	Cygnus	20h56m45s	31°44'59"	Delicate lacy nebula in area with lots of stars
Veil Nebula	NGC6960	Nebula	70'x10'	Cygnus	20h45m42s	30°43'00"	Witches Broom; delicate with lots of colors
Pelican Nebula	IC5070	Nebula	60'x50'	Cygnus	20h51m06s	47°18'25"	Near North American Nebula (part of wide field)
Owl Nebula	M97	Planetary	3.4'x3.3'	U. Major	11h15m17s	54°58'13"	Will be low in sky during SSP; image early; nice planetary; try for outer shell
Ring Nebula	M57	Planetary	1.4'x1.0'	Lyra	18h53m55s	33°02'40"	Small; try for outer structure and nearby galaxy
Swan Nebula	M17	Nebula	11'x11'	Sagittarius	18h21m17s	-16°10'44"	Large nebula; looks like Swan; pretty easy to image (bright)
Eagle Nebula	M16	Nebula	7'x7'	Serphens C.	18h19m17s	-13°46'46"	Large bright nebula; try for pillars of creation (easy to see but need resolution)
Pac Man Nebula	NGC281	Nebula	4'x4'	Cassiopeia	00h53m30s	56°39'46"	Looks like Pac Man; somewhat dimmer
	M101	Galaxy	28'x28'	U. Major	14h03m30s	54°18'34"	Large dim galaxy; needs dark sky site to shine
Sombrero Galaxy	M104	Galaxy	8.6'x4.2'	Virgo	12h40m27s	-11°39'48"	Beautiful Galaxy; try for details of arms and dust lanes (needs resolution)
Bode's Galaxy	M81	Galaxy	25'x11.5'	U. Major	09h56m17s	69°01'34"	Beautiful face on spiral; shares field with M82 (Cigar Galaxy); image early
Southern Pinwheel	M83	Galaxy	13'x12'	Hydra	13h37m29s	-29°54'35"	Beautiful face on barred spiral; never gets very high; image early
Andromeda Galaxy	M31	Galaxy	189'x62'	Andromeda	00h43m10s	41°18'47"	Good wide field object; shares field with M32 and M110; image late during SSP
	NGC2403	Galaxy	23'x11'	Camelopard.	07h37m07s	65°34'50"	Nice galaxy; image early during SSP
	NGC6946	Galaxy	11'x10'	Cepheus	20h35m05s	47°18'25"	Nice face on galaxy; good colors; lots of supernova here
Whale Galaxy	NGC4631	Galaxy	15'x3'	Canes Ven.	12h42m31s	32°29'13"	Companion galaxy is NGC4627; near "Hockey Stick" (NGC4656)
Whirlpool Galaxy	M51	Galaxy	11'x7'	Canes Ven.	13h30m15s	47°09'23"	Beautiful, frequently imaged face on spiral; dark skies should help with Ha regions
Sunflower Galaxy	M63	Galaxy	13'x8'	Canes Ven.	13h16m11s	41°51'19"	Lots of filamentary details in arms
Black Eye Galaxy	M64	Galaxy	10'x5'	Coma Ber.	12h57m07s	21°38'15"	Try to get details of core
	NGC4565	Galaxy	15'x2'	Coma Ber.	12h36m53s	25°56'12"	Very nice edge on galaxy
Great Globular	M3	Globular	19'x19'	Canes Ven.	13h42m36s	28°20'26"	Get star colors right; can you find the small galaxies in the field (e.g., NGC5263)
	M5	Globular	20'x20'	Serphens C.	15h19m02s	02°03'10"	A bit less concentrated than M3
	M13	Globular	23'x23'	Hercules	16h42m00s	36°27'03"	You should easily find NGC6207 (nearby galaxy)
	M10	Globular	12'x12'	Ophiuchus	16h57m33s	-04°06'46"	Compressed core; nearer galactic equator
	M12	Globular	15'15'	Ophiuchus	16h47m39s	-01°57'53"	Pretty loose globular
	M4	Globular	26'x26'	Scorpio	16h24m07s	-26°33'09"	If you image this area wide field, can get spectacular images of $\rho$ Ophiuchus area
Omega Centauri	NGC5139	Globular	55'x55'	Centaurus	13h27m19s	-47°31'38"	May just skirt horizon during SSP; very low elevation; great southern glob