

NGC #	Other Designations	Common Name	Object Type	Constellation	RA	DEC		Mag	Size	Notes	Level
	HR 9094		DS	Cas	00 03.0	66	10	5.84/7.29		15.2" sep	1
7814	C43	Little Sombrero	SG	Peg	00 03.9	16	16	10.6	5'x2'	edge on spiral	2
55		C72	SG	Scl	00 15.8	-39	09	7.9	31'x6'		2
224	M31	Andromeda Galaxy	SG	And	00 43.5	41	21	3.4	190'x60'	low pwr EP, or binoculars	3
247	C62		SG	Cet	00 47.8	-20	41	9.1	19'x5'		2
253		Silver Dollar, Sculptor	SG	Scl	00 48.2	-25	13	7.2	29'x7'		2
281		Pacman Nebula	BN	Cas	00 53.6	56	40	7.4	35'		3
404		Mirach's Ghost	EG	And	01 10.1	35	47	10.3	3.5'	block out Mirach	1
457	C13	Owl Cluster, ET Cluster	OC	Cas	01 20.5	58	21	6.4	20'		3
752	C28		OC	And	01 58.5	37	51	5.7	75'	low pwr EP	3
869 / 884	C14	Double Cluster	Dbl OC	Per	02 19.9	57	11	5.3	18'		3
1039	M34		OC	Per	02 42.9	42	48	5.2	35'		2
1232			SG	Eri	03 10.2	-20	32	9.9	7'x6'		2
1365			SG	For	03 34.1	-36	06	9.6	11x6'	Barred Spiral	1
	M45	Pleiades, Subaru	OC	Tau	03 47.8	24	09	1.5	120'	low pwr EP, or binoculars	1
1502		NGC 1502 & Kemble's Cascade	OC/AST	Cam	04 09.0	62	21	6.9	150'	low pwr EP, or binoculars	2
	HR 1602	Hind's Crimson Star	VS	Lep	05 00.2	-14	47	8.0		carbon star	1
	IC 405, C 31	Flaming Star Nebula	EN	Aur	05 17.0	34	17	10	30x19'		2
	IC 418		PN	Lep	05 28.0	-12	41	9.3	12"		2
1912	M38	Starfish Cluster	OC	Aur	05 29.0	35	51	7.4	21'		3
1952	M1	Crab Nebula	SNR	Tau	05 34.5	22	01	8.4	6'x4'		1
1976		Trapezium Cluster	OC	Ori	05 35.6	-5	23	4	47"	high pwr EP	1
2024		Flame Nebula	EN	Ori	05 42.4	-1	52	10	30'x30'	block out Alnitak	2
2169			OC	Ori	06 09.1	13	57	5.7	7'	asterism "37"	1
2175			BN/OC	Ori	06 09.8	20	19	6.8	18'		2
2261	C46	Hubble Variable Nebula	EN/RN	Mon	06 39.9	8	45	9.2	4'x2'		1
2264		Cone Neb & Xmas Tree Cluster	OC/BN	Mon	06 41.7	9	52	3.9	39'		2
2287	M41		OC	CMA	06 46.5	-20	46	4.5	39'		3
2359		Thor's Helmet, Duck Nebula	EN/RN	CMA	07 19.2	-13	14	11.5	8'x6'	OIII/NPB helpful	3
2362	C64	Tau Canis Majoris Cluster	OC	CMA	07 19.3	-24	59	4.1	8'		1
2392	C39	Eskimo Nebula, Clown Face	PN	Gem	07 30.0	20	53	9.2	0.8x0.7'	OIII/NPB helpful	1
2437	M46		OC/PN	Pup	07 42.2	-14	50	6.1	20'	sketch with 2438 PN	3
2447	M93		OC	Pup	07 45.0	-23	53	6.2	10'		2
2467		Skull & Crossbones Nebula	BN/OC	Pup	07 52.6	-26	30	7.1	15'		3

	Gamma Vela	Regor	DS	Vel	08 09.9	-47	13	1.78/4.27	41"		1
3031	M81 / M82	Bode's Nebula	SG	UMA	09 57.0	69	37	6.9/8.4	11x4'		1
3079			SG	Uma	10 02.9	55	37	10.9	8'x1'		1
3115	C53	Spindle Galaxy	EG	Sex	10 05.9	-7	47	8.9	7'x2'		1
3372	C92	Eta Carinae Nebula	BN	Car	10 44.2	-59	56	1.0	120'	low pwr, OII NPB helpful	3
3368 / 3351	M96, M95		SG	Leo	10 47.5	11	45	10.5	60'x40'		1
3623 / 3627 / 3628	M65, M66,	Leo Triplet	SG	Leo	11 19.6	13	01	9.3			1
4038 / 4039	C60	Antenna Galaxies, Rat Tail	SG	Cor	12 02.5	-18	56	10.3	3'x2'		2
4374	M84, M86	Markarian's Chain	EG	Vir	12 25.7	12	49	9.1		M84 brightest in cluster	3
4490 & 4485		Cocoon Galaxies	SG	CVn	12 31.2	41	34	9.8	6'x3'		2
	Struve 1659	Stargate	Ast	Cor	12 36.5	-12	06	7.92/7.50		27.4' sep	1
4565	C38	Needle Galaxy	SG	Com	12 37.0	25	55	9.6	15'x2'	edge on gx	2
4567		Siamese Twins Galaxy	SG	Vir	12 37.2	11	11	11.3	3'x2'		2
4594	M104	Sombrero	SG	Vir	12 40.6	-11	42	8.0	8'x4'		2
4631/4627	C32	Whale Galaxy, Herring Galaxy	SG	CVn	12 42.8	32	28	9.2	15'x3'	companion is 12th mag	1
4656		Hockey Stick	SG	CVn	12 44.6	32	06	10.5	15'x2'		1
4945	C83		SG	Cen	13 06.2	-49	32	8.4	19'x4'	edge on spgx	3
5024	M53		GC	Com	13 13.5	18	10	7.6	13'		2
5139		Omega Centauri	GC	Cen	13 27.6	-47	33	3.7	10'		3
5194	M51	Whirlpool Galaxy	SG	CVn	13 30.4	47	08	8.4	11'x7'	and companion 5195	2
		17 and 21 Boo	DS	Boo	14 13.9	51	43	4.5/6.6/4	14'	yellow/white dbl stars	1
5694			GC	Hyd	14 40.4	-26	36	10.2	0.8'	include star trail	1
5746			SG	Vir	14 45.6	1	54	10.6	7'x 1'		1
5904	M5		GC	Ser	15 19.3	2	05	6.5	23'		3
6093	M80		GC	Sco	16 17.8	-23	00	7	1.2'		3
6121	M4		GC	Sco	16 23.6	-26	32	5.9	26'		3
6205	M13		GC	Her	16 41.7	36	28	5.8	20'		3
6210		Turtle Nebula	PN	Her	16 45.1	23	46	8.8	0.3'x0.2'		1
6231	C76	Northern Jewel Box	OC	Sco	16 55.0	-41	50	2.6	14'	low pwr, binoc	2
6402	M 14		GC	Oph	17 38.3	-3	15	8.3	11'		2
6405	M6	Butterfly Cluster	OC	Sco	17 40.1	-32	13	4.2	25'		3
6451		Tom Thumb Cluster	OC	Sco	17 51.5	-30	12	8.0	7'		1
6523	M8	Lagoon Nebula	EN	Sag	18 03.1	-24	23	6.0	90'x40'		2
6514 / 6531	M20 / M21	Trifid Nebula	OC/EN	Sag	18 03.3	-23	02	6.3	72'		3
6520 & B86			OC/DN	Sag	18 03.4	-27	53	7.0	30'x30'		3
6611	M16	Eagle Nebula	EN/OC	Ser	18 18.8	-13	47	6.5	7'		3

	Clavius	10 days lunation	Lunar								3
	Keppler	14 days lunation	Lunar								2
	Mare Imbrium	14 days lunation	Lunar								3
	Jupiter		Planet								1
	Saturn		Planet								1
	Mars		Planet								1
	Sunspots		Other							use Proper Solar Filters	1
	Comet		Other							including starfield	1
	Eclipse		Other							lunar or solar	2
	Conjunction		Other							naked eye or binocular	1

DS=Double Star
 VS=Variable Star
 GC=Globular Cluster
 OC=Open Cluster
 SG=Spiral Galaxy
 EG=Elipitical Galaxy
 IG=Irregular Galaxy

PN=Planetary Nebula
 EN=Emission Nebula
 RN=Reflection Nebula
 BN=Bright Nebula
 DN=Dark Nebula
 NPB=Narrow Pass Band
 OIII=Oxygen III Filter

Ast=Asterism
 SNR=Super Nova Remnant







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