

Name	Type	RA	Dec	Size	VMag	Con
NGC 7814	GX-Sab	00 03.3	+16 09	5.5x2.3	10.6	Peg
	bright edge-on with dust lane					
NGC 281	C+N	00 52.8	+56 37	35x30		Cas
	complex glow with a handful of *s					
NGC 404	GX-E0	01 09.4	+35 43	3.5x3.5	10.3	And
	bright elliptical located 7' NW of Beta Andromedae					
NGC 457	OC	01 19.6	+58 17	13	6.4	Cas
	beautiful bird-shaped ("ET") cluster including mag 5 Phi Cas					
NGC 654	OC	01 44.0	+61 53	5	6.5	Cas
	rich in faint stars					
NGC 663	OC	01 46.3	+61 13	16	7.1	Cas
	rich cluster with several doubles					
NGC 869	OC	02 19.1	+57 08	30	3.5	Per
	western member of naked-eye Double Cluster with NGC 884					
NGC 4111	GX-S0	12 07.0	+43 04	4.6x1.0	10.7	CVn
	pretty edge-on with a prominent core					
NGC 4214	GX-Im	12 15.7	+36 20	8.5x6.6	9.8	CVn
	large galaxy with hints of structure					
NGC 4449	GX-IBm	12 28.2	+44 06	6.2x4.4	9.6	CVn
	large, bright irregular galaxy					
NGC 4490	GX-SBcdp	12 30.6	+41 38	6.3x3.1	9.8	CVn
	Cocoon Galaxy, striking elongated galaxy with spiral structure					
NGC 4605	GX-SBcp	12 40.0	+61 37	5.8x2.2	10.3	UMa
	very elongated, bright spiral					
NGC 4631	GX-SBm	12 42.1	+32 32	15.5x2.7	9.2	CVn
	stunning edge-on with a very mottled appearance and close companion NGC 4627					
NGC 4656	GX-SBmp	12 44.0	+32 10	15.1x3.0	10.5	CVn
	striking galaxy merges with NGC 4657-appears like a celestial hockey stick!					
NGC 5005	GX-Sbc	13 10.9	+37 03	5.8x2.8	9.8	CVn
	large, bright oval with an elliptical core					
NGC 5248	GX-Sbc	13 37.5	+08 53	6.2x4.5	10.3	Boo
	fairly large with a well-defined core					
NGC 5322	GX-E3	13 49.3	+60 11	5.9x3.9	10.2	UMa
	bright elliptical with a striking core					
NGC 5353	GX-E5	13 53.4	+40 17	2.2x1.1	11	CVn
	brightest in a group of 5 galaxies					
NGC 5371	GX-Sbc	13 55.7	+40 28	4.4x3.5	10.6	CVn
	located 25' ENE of the NGC 5353 group					
NGC 5363	GX-Ir	13 56.1	+05 15	4.1x2.6	10.1	Vir
	prominent elliptical with a strong core, brightest in a large group					
NGC 5466	GC	14 05.5	+28 32	9	9	Boo
	low surface brightness globular with faint stars					
NGC 5746	GX-Sb	14 44.9	+01 57	7.4x1.3	10.3	Vir
	large, beautiful edge-on with hint of a dust lane					
NGC 5866	GX-E6p	15 06.5	+55 46	4.7x1.9	9.9	Dra
	very bright with a bulging core and razor-thin dust lane, often taken for M102					
NGC 5846	GX-E0	15 06.5	+01 36	4.1x3.8	10	Vir
	bright elliptical 40' E of 110 Virginis					
NGC 5985	GX-Sb	15 39.6	+59 20	5.5x3.0	11.1	Dra
	trio with NGC 5981 and NGC 5982					
NGC 5907	GX-Sc	15 15.9	+56 20	12.6x1.4	10.3	Dra
	extremely large narrow streak					
NGC 6210	PN	16 44.5	+23 48	16"	8.8	Her
	unusually high surface brightness planetary with bluish color					
NGC 6229	GC	16 47.0	+47 32	4.2	9.4	Her

NGC 6302	compact and bright but requires large aperture to resolve PN	17 13.7	-37 06	45"	9.7	Sco
NGC 6309	Bug Nebula, unusual elongated planetary cut by dark lane PN	17 14.1	-12 55	16"	11.5	Oph
NGC 6369	Box Nebula, small but irregular planetary PN	17 29.3	-23 46	38"	11.5	Oph
IC 4665	beautiful annular ring planetary OC	17 46.3	+05 43	41	4.2	Oph
NGC 6445	naked-eye cluster, resolved in binoculars PN	17 49.3	-20 01	33"	10.9	Sgr
NGC 6503	small but bright planetary in field with globular cluster NGC 6440 20' SSW GX-Sc	17 49.5	+70 09	7.1x2.4	10.2	Dra
NGC 6543	large, elongated spiral with a fairly high surface brightness PN	17 58.6	+66 38	20"	8.1	Dra
B86	Cat's Eye Nebula, small high surface brightness oval planetary DN	18 02.7	-27 50	4.5x3.0		Sgr
NGC 6520	stunning dark splotch just west of the very rich cluster NGC 6520 OC	18 03.4	-27 54	6		Sgr
NGC 6522	very rich cluster set in a glorious field with dark nebula B86 on W side GC	18 03.6	-30 02	5.6	8.5	Sgr
NGC 6572	Pair with NGC 6528 15' E in "Baade's Window" PN	18 12.1	+06 51	11"	8	Oph
B92	very high surface brightness planetary with a bluish color DN	18 15.5	-18 11	12x6		Sgr
NGC 6603	large, dark cloud form a similar pair with B93 about 25' E OC	18 18.4	-18 25	5		Sgr
NGC 6633	beautifully rich compact cluster set in the NE corner of M24 OC	18 27.7	+06 34	27	4.6	Oph
NGC 6645	large and bright cluster but scattered, naked-eye in dark sky OC	18 32.6	-16 54	10		Sgr
IC 4756	striking rich cluster of faint stars with a hole in center OC	18 39.0	+05 27	52		Ser
NGC 6709	unusually large naked-eye cluster, use lowest power OC	18 51.5	+10 21	13	6.7	Aql
NGC 6712	approx 70 *s in 20' field, use low x GC	18 53.1	-08 42	7.2	8.2	Sct
NGC 6723	irregular outline, require high power to resolve, planetary IC 1295 lies 24' ESE. GC	18 59.6	-36 38	11	7.3	Sgr
NGC 6781	large, well resolved globular in field with bright nebula NGC 6726 and NGC 6727 PN	19 18.4	+06 33	108"	11.6	Aql
Cr 399	large, annular planetary OC	19 25.4	+20 11	60	3.6	Vul
NGC 6811	Coat Hanger or Brocchi's cluster, naked-eye cluster, best in binoc's OC	19 38.2	+46 34	13	6.8	Cyg
B142	fairly large, rich group in milky way DN	19 40.7	+10 37	80x50		Aql
NGC 6819	well-defined dark nebula forming a large dark "E" with B143 OC	19 41.3	+40 11	5	7.3	Cyg
NGC 6818	rich group with 2 intersecting strings in milky way star field PN	19 44.0	-14 09	20"	9.4	Sgr
NGC 6826	Little Gem, small, high surface brightness, bluish planetary PN	19 44.8	+50 31	25"	8.9	Cyg
NGC 6857	Blinking planetary, alternately view disc and mag 10 central star EN	20 01.8	+33 32	1		Cyg
NGC 6866	compact HII region surrounded by 4 stars and set in a rich field OC	20 03.7	+44 00	7	7.6	Cyg

NGC 6871	rich and appealing cluster with many stars in an elongated string OC	20 05.9	+35 47	20	5.2	Cyg
NGC 6888	incl two sets of bright multiple *s in rich * field EN	20 12.0	+38 21	20x10		Cyg
NGC 6891	Crescent nebula, very large egg-shaped annulus of neb'y, use filter PN	20 15.2	+12 42	15"	10.4	Del
NGC 6905	small, high surface brightness bluish oval PN	20 22.4	+20 07	40"	10.9	Del
NGC 6910	Blue Flash Nebula, slightly elongated with a uniform brightness OC	20 23.1	+40 47	8	7.4	Cyg
NGC 6907	two mag 7.5 *s in cluster, 40' NNE of Gamma Cyg GX-SBbc	20 25.1	-24 48	3.3x2.7	11.2	Cap
NGC 6939	barred spiral reveals arms in larger scopes (currently hosts a supernova) OC	20 31.4	+60 38	8	7.8	Cep
NGC 6934	beautiful cluster, rich in faint stars with galaxy N6946 40' SE GC	20 34.2	+07 24	7	8.9	Del
NGC 6940	compact globular, mottled in 20cm but well resolved in 40cm OC	20 34.6	+28 18	31	6.3	Vul
NGC 6946	rich star field including the orange variable star FG Vulpeculae GX-Sc	20 34.9	+60 09	11.5x9.8	8.8	Cep
NGC 6960	large but low surface brightness galaxy with spiral arms in large scopes SNR	20 45.7	+30 43	70x6		Cyg
NGC 6992	western branch of the remarkable Veil Nebula passing through 52 Cygni, use low x and filter SNR	20 56.4	+31 43	60x8		Cyg
NGC 7000	Veil Nebula, extremely large, fantastic filamentary structure in dark skies, use filter EN	20 58.8	+44 20	120x100		Cyg
NGC 7023	North American Nebula, excellent in dark skies with low power and filter RN	21 00.5	+68 10	18x18		Cep
NGC 7008	large unusual nebulosity surrounding a mag 7 star PN	21 00.6	+54 33	86"	11	Cyg
NGC 7009	bright annular planetary with unusual structure and faint stars involved PN	21 04.2	-11 22	29"	7.8	Aqr
NGC 7026	Saturn Nebula, small but very bright with faint ansae using large scopes PN	21 06.3	+47 51	20"	10.9	Cyg
NGC 7027	small but with double condensations at high power PN	21 07.1	+42 14	14"	8.5	Cyg
NGC 7039	unusually high surface brightness planetary with double lobe structure OC	21 11.2	+45 39	25	7.6	Cyg
NGC 7129	large, triangular group in excellent low-x field C+N	21 43.0	+66 06	8x7		Cep
NGC 7160	small group of stars in nebulosity OC	21 53.7	+62 36	7	6.1	Cep
NGC 7209	approx 30 *s incl two 7-8th mag & several pairs OC	22 05.2	+46 30	25	6.7	Lac
NGC 7217	large, fairly rich and uniform GX-Sab	22 07.9	+31 22	3.9x3.2	10.1	Peg
NGC 7243	round elliptical with a bright core OC	22 15.3	+49 53	21	6.4	Lac
NGC 7293	excellent low power field, includes double star Σ 2890 PN	22 29.6	-20 50	980"	7.6	Aqr
NGC 7331	Helical Nebula, huge annular planetary of low surface brightness, use filter GX-Sb	22 37.1	+34 25	10.5x3.7	9.5	Peg
NGC 7479	very large, elongated spiral with very faint companions GX-SBc	23 05.0	+12 19	4.1x3.1	10.8	Peg
NGC 7510	elongated barred spiral, arms visible in large scopes OC	23 11.5	+60 34	4	7.9	Cep

	striking wedge-shaped cluster					
NGC 7635	EN	23 20.7	+61 12	15x8		Cas
	Bubble Nebula, unusual HII region located 35' SW of M52					
NGC 7662	PN	23 25.9	+42 33	17"	8.3	And
	Blue Snowball, very bright with unusually high surf br, annular at high x					
NGC 7686	OC	23 30.2	+49 08	15	5.6	And
	large, surrounding 6.3 mag *, elongated E-W					
NGC 7789	OC	23 57.0	+56 44	16	6.7	Cas
	remarkably rich and uniform in faint stars					