

## Chapman 100

NGC No.	Type	RA	Dec(2000)	Size	Mag	Con	Description
13	Galaxy	0h8.8'	+33d26'	2.7"	13.6	Andromeda	Lg & faint with a slightly brighter core
55	Spiral Galaxy	0h14.9'	-39d11'	25' by 3'	8	Sculptor	A diffuse splinter
157	Spiral Galaxy	0h34.8'	-08d24'	2.8 by 2.1'	10.4	Cetus	Lg oval blob
206	Cluster + Neb	0h40'32.7"	+40d44'31"	2.5' by 4.0'	11.9	Andromeda	H2 region in M31
247	Spiral Galaxy	0h47.1"	-20d46"	20.0"	8	Cetus	Lg & Faint
278	Galaxy	0h52.1'	+47d33'	2.2"	10.9	Cassiopeia	Sm & round with a bright nucleus
404	Galaxy	1h9.4'	+35d43'	4.4"	10.1	Andromeda	Sm & brightning to nucleus
488	Galaxy	1h21.8'	+5d15'	5.2"	10.3	Pisces	Round & fuzzy, very bright nucleus
524	Galaxy	1h24.8'	+9d32'	3.2"	10.6	Pisces	Round blob of light
584	Galaxy	1h31.3'	-6d52'	3.8"	10.4	Cetus	Round with brightning to nucleus
604	Emission Neb	1h34.5'	+30d48'	1"		Triangulum	Emission Nebula in M33
613	Galaxy	1h34.3'	-29d25'	5.8"	10	Sculptor	Elongated streak of light
615	Galaxy	1h35.1'	-7d20'	4"	11.5	Cetus	Slightly oval
651	Planetary Nebula	1h42.3'	+51d35'	2.7' by 1.8'	10.1	Pisces	A tiny M27
779	Galaxy	1h59.7'	-5d58'	4.1"	11	Cetus	Edge on with lg bright nucleus
908	Galaxy	2h23.1'	-21d14'	5.5"	10.2	Cetus	Faint, lg streak
1052	Galaxy	2h41.1'	-8d15'	2.9"	10.6	Cetus	Bright & round
1055	Galaxy	2h41.8'	+0d36'	7.6"	10.6	Cetus	Edge on
1084	Galaxy	2h46.0'	-7d35'	2.9"	10.6	Eridanus	Oval with bright nucleus
1245	Open Cluster	3h14.7'	+47d15'	10'	8.4	Perseus	40+ stars
1332	Galaxy	3h26.3'	-21d20'	4.6"	10.3	Eridanus	Edge on with bright nucleus
1407	Galaxy	3h40.2'	-18d35'	2.5"	9.8	Eridanus	Bright with a bright nucleus. NGC 1400 in same fov
1421	Galaxy	3h42.5'	-13d29'	3.6"	11.4	Eridanus	Edge on with brighter extended nucleus
1502	Open Cluster	4h7.7'	+62d20'	7'	5.7	Camelopardalis	Part of Kemble's Cascade
1961	Galaxy	5h42.1'	+69d23'	4.3"	11.1	Camelopardalis	Oval shaped galaxy
1964	Galaxy	5h33.4'	-21d57'	6.2"	10.8	Lepus	Oval shaped with a tiny stellar nucleus
1980	Nebula	5h35.4'	-5d54'	14'		Orion	Surrounding Iota
2158	Open Cluster	6h7.5'	+24d6'	5'	8.6	Gemini	Right beside M35
2215	Open Cluster	6h21'	-7d17'	10'	8.4	Monoceros	Circular
2264	Cluster + Nebula	6h41.1'	+9d53'	35' by 15'	3.9	Monoceros	15-20 stars, faint nebula
2281	Open Cluster	6h49.3'	+41d4'	14'	5.4	Auriga	Lg & splashy
2324	Open Cluster	7h4.2'	+1d3'	7'	8.4	Monoceros	Loose 'Y' shaped. 20-30 stars
2359	Nebula	7h18.6'	-13d12'	9' by 6'	11.5	Canis Major	Duck Neb. Shaped like Florida
2419	Globular Cluster	7h38.1'	+38d53'	4.1'	10.4	Lynx	Intergalactic wonderer
2438	Planetary Nebula	7h41.8'	-14d44'	1.1"	11	Pupis	A hint of green
2440	Planetary Nebula	7h41.9'	-18d13'	.5"	9.4	Pupis	Very small use OIII Filter
2467	Cluster + Nebula	7h52.6'	-26d23'	16' by 12'	7.1	Pupis	Nebula nearly drowns out cluster
2613	Galaxy	8h33.4'	-22d58'	7.2"	10.4	Pyxis	Elongated streak with a stellar nucleus
2768	Galaxy	9h11.6'	+60d2'	6.6"	9.9	Ursa Major	Oval shaped with a mottled appearance
2775	Galaxy	9h10.3'	+7h2'	4.5"	10.3	Cancer	Oval brightening toward the centre
2782	Galaxy	9h14.1'	+40d7'	3.8"	11.5	Lynx	Fairly round. Brighter in the centre
2787	Galaxy	9h19.3'	+69d12'	3.4"	10.8	Ursa Major	Quite faint with a sm bright nucleus
2811	Galaxy	9h16.2'	-16d19'	2.7"	11.3	Hydra	Elongated with a stellar nucleus
2859	Galaxy	9h24.3'	+34d31'	4.6"	10.9	Leo Minor	Round shaped with a brighter nucleus
2950	Galaxy	9h42.6'	+58d51'	3.2"	11	Ursa Major	Slightly elongated
2964	Galaxy	9h42.9'	+31d51'	3.2"	11.3	Leo	Bright and nearly round with a bright nucleus
2974	Galaxy	9h42.6'	-3d42'	3.4"	10.8	Sextens	Sm elongated streak
2976	Galaxy	9h47.3'	+67d55'	5.0"	10.2	Ursa Major	M81 group. Sm bright nucleus
2985	Galaxy	9h50.4'	+72d17'	3.9"	10.4	Ursa Major	Round with a bright nucleus
3077	Galaxy	10h3.3'	+68d44'	4.6"	9.9	Ursa Major	M81 group. Round and fairly bright
3147	Galaxy	10h16.9'	+73d24'	4.3"	10.6	Draco	Sm with a bright stellar nucleus
3166	Galaxy	10h13.8'	+3d26'	5.2"	10.6	Sextens	Round with a well defined nucleus
3169	Galaxy	10h14.2'	+3d28'	4.8"	10.5	Sextens	Round with a bright nucleus
3190	Galaxy	10h18.1'	+21d50'	4.2"	11.2	Leo	Oval shaped with a bright nucleus
3489	Galaxy	11h.3'	+13d54'	3.7"	10.3	Leo	Oval shaped with a bright nucleus
3556	Galaxy	11h11.5'	+55d40'	8.1"	10	Ursa Major	Lg & bright

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NGC No.	Type	RA	Dec(2000)	Size	Mag	Con	Description
3593	Galaxy	11h14.6'	+12d49'	5.3"	10.9	Leo	Bright nucleus. Oval shaped
3608	Galaxy	11h17'	+18d9'	2.7"	10.8	Leo	Elongated with a sm bright nucleus
3610	Galaxy	11h18.4'	+58d47'	3.2"	10.8	Ursa Major	A tiny M104
3613	Galaxy	11h18.6'	+58d00'	3.4"	10.9	Ursa Major	Oval shaped with no central brightning
3631	Galaxy	11h21'	+53d10'	5.5"	10.4	Ursa Major	Like M51
3665	Galaxy	11h24.7'	+38d46'	3.5"	10.8	Ursa Major	Round with a sm bright nucleus
3675	Galaxy	11h26.1'	+43d35'	6.2"	10.2	Ursa Major	Oval shape bright stellar nucleus with larger outer nucleus
3726	Galaxy	11h33.3'	+47d2'	5.6"	10.4	Ursa Major	Lg oval glow with point like nucleus
3893	Galaxy	11h48.6'	+48d43'	4.2"	10.5	Ursa Major	Bright amorphous blob. Sm nucleus suspected
3898	Galaxy	11h49.2'	+56d5'	3.3"	10.7	Ursa Major	Round with bright stellar nucleus. NGC3888 in fov
3945	Galaxy	11h53.2'	+60d41'	5.9"	10.8	Ursa Major	Faint outer haze with a stellar nucleus
3949	Galaxy	11h53.7'	+47d52'	3"	11	Ursa Major	Oval patch of light
3953	Galaxy	11h53.8'	+52d20'	6"	10.1	Ursa Major	Lg outer oval with lg nucleus
4013	Galaxy	11h58.5'	+43d67'	4.7"	11.2	Ursa Major	Fairly bright with a stellar core. Elongated shape
4244	Galaxy	12h17.5'	+37d49'	17.0"	10.4	CanesVenatici	Long tapering wings. Bright core
4314	Galaxy	12h22.6'	+29d53'	4.2"	10.6	ComaBerenices	A face on barred spiral
5248	Galaxy	13h37.5'	+8d53'	6.2"	10.3	Bootes	Quite large and bright. Spiral arms suspected
5273	Galaxy	13h42.1'	+35d39'	2.8"	11.6	CanesVenatici	Brighter nucleus with sm outer haze
5866	Galaxy	15h6.5'	+55d46'	6.6"	9.9	Draco	Lg & bright. Looks like M31
5982	Galaxy	15h38.7'	+50d21'	3.0"	11.1	Draco	Sm elliptical with fairly bright nucleus. NGC5985&5987 in fov
6166	Galaxy	16h28.6'	+39d33'	2.4"	12	Hercules	Brightest member of the Hercules Super Cluster
6207	Galaxy	16h43.1'	+36d50'	3"	11.6	Hercules	Lenticular Shaped. Dust lane?
6217	Galaxy	16h32.6'	+78d12'	3.3"	11.2	Ursa Minor	Nucleus surrounded by a dark area
6229	Globular Cluster	16h47.0'	+47d32'	4.5'	9.4	Hercules	Clumpy looking. Many knots and individual stars
6301	Galaxy	7h8.6'	+42d20'	2.3"	13.4	Hercules	Fairly bright nucleus. Ring of brighter materal around nucleus
6629	Planetary Nebula	18h25.7'	-23d12'	.3"	11.6	Sagittarius	Very small & bright
6664	Open Cluster	18h36.7'	-8d13'	16'	7.8	Scutum	A not too bright smattering of stars
6755	Open Cluster	19h7.8'	+4d14'	14'	7.5	Aquila	Quite faint, about 30 stars in a loose group
6823	Open Cluster	19h43.1'	+23d18'	12'	7.1	Vulpecula	30 or 40 bright stars plus many faint stars
6830	Open Cluster	19h51.0'	+23d4'	12'	7.9	Vulpecula	30 or 40 stars imbeded in a few bright stars
6834	Open Cluster	19h52.2'	+29d25'	5'	7.8	Cygnus	Bright grouping of 50 stars
6866	Open Cluster	20h3.7'	+44d00'	6'	7.6	Cygnus	35 stars in a loose smattering
6882	Open Cluster	20h11.7'	+26d33'	18'	8.1	Vulpecula	Surrounds a bright star 19 Vul
6885	Open Cluster	20h12.0'	+26d29'	7'	8.1	Vulpecula	Large and bright. 20 stars surrounding 20 Vul
6905	Planetary Nebula	20h22.4'	+20d7'	1.7"	11.1	Delphinus	The blue flash nebula
6910	Open Cluster	20h23.1'	+40d47'	7'	7.4	Cygnus	A distinctive 'Y' shaped asterisum at the centre
7008	Planetary Nebula	21h.6'	+54d33'	1.4"	10.7	Cygnus	Quite bright with a weak central star
7013	Galaxy	21h3.6'	+29d54'	4.8"	11.3	Cygnus	Lenticular with a slightly brighter nucleus
7081	Galaxy	21h31.4'	+2d30'	1"	12.7	Aquarius	Large & faint. Round shape with no central brightening
7217	Galaxy	22h7.9'	+31d22'	3.7"	10.2	Pegasus	Round shaped with an oval nucleus
7448	Galaxy	23h.1'	+15d59'	2.5"	11.7	Pegasus	Lenticular shape. NGC7454 nearby
7479	Galaxy	23h4.9'	+12d19'	4"	10.8	Pegasus	Elongated with a slighter brighter nucleus
7723	Galaxy	23h38.9'	-12d58'	2.8"	11.2	Aquarius	Round shaped slightly brighter towards nucleus
Mi-92	ProtoPN	19h36'	+29d33'	3" by 8"	11	Cygnus	Minkowskis Footprint. A faint wisp