

ID	Name	Type	R.A.	Dec	Mag	Size	Const
M1	Crab Nebula, Taurus A	P Neb	05h 34m 30s	+22°00'57"	8.4	6x4	Tau
M2	M2,NGC7089	Globular	21h 33m 29s	-00°49'19"	7.5	12.9	Aqr
M3	M3,NGC5272	Globular	13h 42m 15s	+28°22'28"	7.0	16.2	CVn
M4	Cat's Eye	Globular	16h 23m 36s	-26°32'00"	7.5	26.3	Sco
M5	M5,NGC5904	Globular	15h 18m 34s	+02°05'35"	7.0	17.4	Ser
M6	Butterfly Cluster	Open	17h 40m 06s	-32°13'00"	4.5	15	Sco
M7	Scorpion's Tail, Ptolemy's Cluster	Open	17h 53m 54s	-34°49'00"	3.5	80	Sco
M8	Lagoon Nebula, Dragon Nebula	Open+D Neb	18h 03m 48s	-24°23'00"	5.0	90	Sgr
M9	M9,NGC6333	Globular	17h 19m 12s	-18°31'00"	9.0	9.3	Oph
M10	M10,NGC6254	Globular	16h 57m 07s	-04°06'17"	7.5	15.1	Oph
M11	Wild Duck Cluster, Scutum Salt-and-Pepp...	Open	18h 51m 02s	-06°16'11"	7.0	14	Sct
M12	Gumball Globular	Globular	16h 47m 12s	-01°57'38"	8.0	14.5	Oph
M13	Hercules Globular Cluster, Great Hercules...	Globular	16h 41m 42s	+36°27'11"	7.0	16.6	Her
M14	M14,NGC6402	Globular	17h 37m 37s	-03°16'50"	9.5	11.7	Oph
M15	Great Pegasus Cluster	Globular	21h 30m 00s	+12°10'37"	7.5	12.3	Peg
M16	Eagle Nebula, Star Queen Nebula, The Gh...	Open+D Neb	18h 18m 49s	-13°46'20"	6.5	35	Ser
M17	Omega Nebula, Swan Nebula, Horseshoe...	Open+D Neb	18h 20m 45s	-16°10'16"	7.0	46	Sgr
M18	Black Swan	Open	18h 19m 57s	-17°07'18"	8.0	9	Sgr
M19	M19,NGC6273	Globular	17h 02m 36s	-26°16'00"	8.5	13.5	Oph
M20	Trifid Nebula, The Clover	Open+D Neb	18h 02m 18s	-23°02'00"	5.0	29	Sgr
M21	M21,NGC6531	Open	18h 04m 36s	-22°30'00"	7.0	13	Sgr
M22	Great Sagittarius Cluster, Crackerjack Clu...	Globular	18h 36m 24s	-23°54'00"	6.5	24	Sgr
M23	M23,NGC6494	Open	17h 56m 48s	-19°01'00"	6.0	27	Sgr
M24	Small Sagittarius Star Cloud	Open	18h 18m 00s	-18°25'01"	4.5	80x35	Sgr
M25	M25	Open	18h 29m 57s	-19°07'01"	6.5	40	Sgr
M26	M26,NGC6694	Open	18h 45m 22s	-09°23'23"	9.5	15	Sct
M27	Dumbbell Nebula, Apple Core, Diablo, Dou...	P Neb	19h 59m 35s	+22°43'09"	7.5	15.2	Vul
M28	M28,NGC6626	Globular	18h 24m 30s	-24°52'00"	8.5	11.2	Sgr
M29	Cooling Tower	Open	20h 23m 55s	+38°31'54"	9.0	7	Cyg
M30	M30,NGC7099	Globular	21h 40m 24s	-23°11'00"	8.5	11	Cap
M31	Andromeda Galaxy	Galaxy	00h 42m 44s	+41°16'09"	4.3	189.1x61.7	And
M32	Satellite Of Andromeda Galaxy	Galaxy	00h 42m 42s	+40°51'55"	9.1	8.5x6.5	And
M33	Triangulum Galaxy, Pinwheel Galaxy	Galaxy	01h 33m 51s	+30°39'37"	6.2	68.7x41.6	Tri
M34	Spiral Cluster	Open	02h 42m 01s	+42°46'22"	6.0	35	Per
M35	M35,NGC2168	Open	06h 08m 50s	+24°20'42"	5.5	28	Gem
M36	Pinwheel Cluster	Open	05h 36m 09s	+34°07'54"	6.5	12	Aur
M37	Auriga Salt-and-pepper Cluster, January S...	Open	05h 52m 20s	+32°32'19"	6.0	24	Aur
M38	Starfish Cluster	Open	05h 28m 41s	+35°50'10"	7.0	21	Aur
M39	M39,NGC7092	Open	21h 32m 12s	+48°26'40"	5.5	32	Cyg
M40	Winnecke 4	Dbl+Asterism	12h 22m 01s	+58°05'00"	8.7	1	UMa
M41	Little Beehive	Open	06h 47m 00s	-20°44'00"	5.0	38	CMa
M42	Great Orion Nebula, Orion A	Open+D Neb	05h 35m 20s	-05°23'05"	4.0	66	Ori
M43	De Mairan's Nebula (Orion Nebula Extensi...	D Neb	05h 35m 32s	-05°16'05"	9.0	20	Ori
M44	Praesepe, Beehive Cluster	Open	08h 40m 02s	+19°59'39"	4.0	95	Cnc
M45	Pleiades, Seven Sisters, Subaru	Open	03h 44m 31s	+24°07'00"	1.6	120	Tau
M46	M46,NGC2437	Open	07h 41m 51s	-14°49'34"	6.5	27	Pup
M47	M47,NGC2422	Open	07h 36m 33s	-14°28'24"	4.5	30	Pup
M48	M48,NGC2548	Open	08h 13m 38s	-05°47'35"	5.5	54	Hya
M49	M49,NGC4472,UGC7629	Galaxy	12h 29m 46s	+07°59'58"	9.3	9.8x8.2	Vir
M50	Heart-shaped Cluster	Open	07h 02m 54s	-08°20'15"	7.0	16	Mon
M51	Whirlpool Galaxy, Question Mark Galaxy	Galaxy	13h 29m 53s	+47°11'48"	8.9	10.8x6.6	CVn
M52	The Scorpion	Open	23h 24m 13s	+61°35'15"	8.0	13	Cas
M53	M53,NGC5024	Globular	13h 12m 55s	+18°10'04"	8.5	12.6	Com
M54	M54,NGC6715	Globular	18h 55m 06s	-30°29'00"	8.5	9.1	Sgr
M55	M55,NGC6809	Globular	19h 40m 00s	-30°58'00"	7.0	19	Sgr
M56	M56,NGC6779	Globular	19h 16m 35s	+30°10'43"	9.5	7.1	Lyr
M57	Ring Nebula	P Neb	18h 53m 32s	+33°01'55"	9.5	2.5	Lyr
M58	M58,NGC4579,UGC7796	Galaxy	12h 37m 44s	+11°49'10"	10.4	6x4.8	Vir
M59	M59,NGC4621,UGC7858	Galaxy	12h 42m 02s	+11°38'48"	10.7	5.3x4	Vir
M60	M60,NGC4649,UGC7898	Galaxy	12h 43m 40s	+11°32'58"	9.8	7.6x6.2	Vir

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M61	Swelling Spiral	Galaxy	12h 21m 55s	+04°28'20"	10.1	6.5x5.9	Vir
M62	Flickering Globular	Globular	17h 01m 12s	-30°07'00"	8.0	14.1	Oph
M63	Sunflower Galaxy	Galaxy	13h 15m 49s	+42°02'05"	9.3	12.6x7.5	CVn
M64	Black Eye Galaxy, Sleeping Beauty Galaxy	Galaxy	12h 56m 44s	+21°41'05"	9.3	10.3x5	Com
M65	Leo Triplet	Galaxy	11h 18m 55s	+13°05'35"	10.1	9x2.3	Leo
M66	Leo Triplet	Galaxy	11h 20m 14s	+12°59'42"	9.7	9.1x4.1	Leo
M67	King Cobra	Open	08h 51m 04s	+11°48'21"	7.5	30	Cnc
M68	M68,NGC4590	Globular	12h 39m 30s	-26°45'00"	9.0	12	Hya
M69	M69,NGC6637	Globular	18h 31m 24s	-32°21'00"	9.0	7.1	Sgr
M70	M70,NGC6681	Globular	18h 43m 12s	-32°18'00"	9.0	7.8	Sgr
M71	M71,NGC6838	Globular	19h 53m 43s	+18°46'57"	8.5	7.2	Sge
M72	M72,NGC6981	Globular	20h 53m 28s	-12°32'17"	10.0	5.9	Aqr
M73	M73,NGC6994	Open+Asterism	20h 58m 58s	-12°37'08"	9.0	3	Aqr
M74	The Phantom	Galaxy	01h 36m 42s	+15°47'12"	9.8	10x9.4	Psc
M75	M75, NGC6864	Globular	20h 06m 06s	-21°55'00"	8.5	6	Sgr
M76	Little Dumbbell Nebula	P Neb	01h 41m 59s	+51°34'33"	12.0	4.8	Per
M77	Cetus A	Galaxy	02h 42m 40s	-00°00'48"	9.7	7.3x6.3	Cet
M78	M78,NGC2068	D Neb	05h 46m 47s	+00°03'30"	8.0	8	Ori
M79	M79,NGC1904	Globular	05h 24m 30s	-24°33'00"	8.5	8.7	Lep
M80	M80,NGC6093	Globular	16h 17m 00s	-22°59'00"	8.5	8.9	Sco
M81	Bode's Galaxy	Galaxy	09h 55m 33s	+69°04'00"	7.8	24.9x11.5	UMa
M82	Cigar Galaxy, Ursa Major A	Galaxy	09h 55m 54s	+69°40'57"	9.2	10.5x5.1	UMa
M83	Southern Pinwheel Galaxy	Galaxy	13h 37m 00s	-29°52'04"	8.0	13.1x12.2	Hya
M84	M84,NGC4374,UGC7494	Galaxy	12h 25m 04s	+12°53'14"	10.2	6.7x6	Vir
M85	M85,NGC4382,UGC7508	Galaxy	12h 25m 25s	+18°11'26"	10.0	7.4x5.9	Com
M86	M86,NGC4406,UGC7532	Galaxy	12h 26m 12s	+12°56'49"	9.9	9.8x6.3	Vir
M87	Smoking Gun, Virgo A	Galaxy	12h 30m 50s	+12°23'24"	9.6	8.7x6.6	Vir
M88	M88,NGC4501,UGC7675	Galaxy	12h 31m 59s	+14°25'17"	10.2	6.8x3.7	Com
M89	M89,NGC4552,UGC7760	Galaxy	12h 35m 40s	+12°33'25"	10.9	5.3x4.8	Vir
M90	M90,NGC4569,UGC7786	Galaxy	12h 36m 50s	+13°09'48"	10.2	9.9x4.4	Vir
M91	Missing Messier Object	Galaxy	12h 35m 26s	+14°29'49"	10.9	5.2x4.2	Com
M92	M92,NGC6341	Globular	17h 17m 10s	+43°08'26"	7.5	11.2	Her
M93	M93,NGC2447	Open	07h 44m 36s	-23°52'00"	6.5	22	Pup
M94	Croc's Eye Galaxy	Galaxy	12h 50m 53s	+41°07'09"	8.9	12.3x10.8	CVn
M95	M95,NGC3351,UGC5850	Galaxy	10h 43m 58s	+11°42'14"	10.6	7.3x4.4	Leo
M96	M96,NGC3368,UGC5882	Galaxy	10h 46m 45s	+11°49'15"	10.1	7.8x5.2	Leo
M97	Owl Nebula	P Neb	11h 14m 44s	+55°01'49"	12.0	3.2	UMa
M98	M98,NGC4192,UGC7231	Galaxy	12h 13m 48s	+14°53'42"	10.9	9.4x2.3	Com
M99	Virgo Cluster Pinwheel/Coma Pinwheel Ga...	Galaxy	12h 18m 49s	+14°25'07"	10.4	5.3x4.6	Com
M100	Mirror of M99	Galaxy	12h 22m 55s	+15°49'22"	10.1	7.5x6.1	Com
M101	Pinwheel Galaxy	Galaxy	14h 03m 13s	+54°21'02"	8.2	28.5x28.3	UMa
M102	Spindle Galaxy (duplicate of M101?)	Galaxy	15h 06m 30s	+55°45'45"	10.8	6.5x3.1	Dra
M103	M103,NGC581	Open	01h 33m 16s	+60°42'41"	7.0	6	Cas
M104	Sombrero Galaxy	Galaxy	12h 39m 59s	-11°37'23"	9.2	8.6x4.2	Vir
M105	M105,NGC3379,UGC5902	Galaxy	10h 47m 50s	+12°34'57"	10.5	5.3x4.8	Leo
M106	M106,NGC4258,UGC7353	Galaxy	12h 18m 58s	+47°18'16"	9.1	17.4x6.6	CVn
M107	M107,NGC6171	Globular	16h 32m 30s	-13°02'08"	10.0	10	Oph
M108	M108,NGC3556,UGC6225	Galaxy	11h 11m 32s	+55°40'14"	10.6	8.6x2.4	UMa
M109	M109,NGC3992,UGC6937	Galaxy	11h 57m 36s	+53°22'31"	10.6	7.5x4.4	UMa
M110	Satellite Of Andromeda Galaxy	Galaxy	00h 40m 23s	+41°41'12"	8.9	19.5x11.5	And