

M#	Type	Constellation	Mag.	Size	RA	Dec	Date Observed	Binocular
M1	Supernova remnant	Taurus	8.4	6.0x4.0	5h 34.5m	22 01		
M2	Globular Cluster	Aquarius	6.5	12.9	21h 33.5m	-0 49		
M3	Globular Cluster	Canes Venatici	6.4	16.2	13h 42.2m	28 23		
M4	Globular Cluster	Scorpio	5.9	26.3	16h 23.6m	-26 32		
M5	Globular Cluster	Serpens Caput	5.8	17.4	15h 18.6m	2 5		
M6	Open Cluster	Scorpius	4.2	15	17h 40.1m	-32 13		
M7	Open Cluster	Scorpius	3.3	80	17h 53.9m	-34 49		
M8	Lagoon Nebula	Sagittarius	5	35.0x50.0	18h 3.1m	-24 23		
M9	Globular Cluster	Ophiucus	7.9	9.3	17h 19.2m	-18 31		
M10	Globular Cluster	Ophiucus	6.6	15.1	16h 57.1m	-4 6		
M11	Open Cluster	Scutum	5.8	14	18h 51.1m	-6 16		
M12	Globular Cluster	Ophiucus	6.6	14.5	16h 47.2m	-1 57		
M13	Globular Cluster	Hercules	5.9	16.6	16h 41.7m	36 28		
M14	Globular Cluster	Ophiucus	7.6	11.7	17h 37.6m	-3 15		
M15	Globular Cluster	Pegasus	6.4	12.3	21h 30m	12 10		
M16	Open Cluster	Serpens Claudia	6.5	7	18h 18.8m	-13 47		
M17	Diffuse Nebula	Sagittarius	7	11	18h 20.8m	-16 11		
M18	Open Cluster	Sagittarius	8	9	18h 19.9m	-17 8		
M19	Globular Cluster	Ophiucus	8.5	13.5	17h 2.6m	-26 16		
M20	Trifid Nebula	Sagittarius	5	28	18h 2.3m	-23 2		
M21	Open Cluster	Sagittarius	7	13	18h 4.6m	-22 30		
M22	Globular Cluster	Sagittarius	6.5	24	18h 36.4m	-29 54		
M23	Open Cluster	Sagittarius	6	27	17h 56.8m	-19 1		
M24	Star Cloud	Sagittarius	11.5	5	18h 18.4m	-18 25		
M25	Open Cluster	Sagittarius	4.9	40	18h 28.8m	-19 17		
M26	Open Cluster	Scutum	9.5	15	18h 45.2m	-9 24		
M27	Planetary Nebula	Vulpecula	7.5	8.0x5.6	19h 59.6m	22 43		
M28	Globular Cluster	Sagittarius	8.5	11.2	18h 24.5m	-24 52		
M29	Open Cluster	Cygnus	9	7	20h 23.9m	38 32		
M30	Globular Cluster	Capricornus	8.5	11	21h 40.4m	-23 11		
M31	Spiral Galaxy	Andromeda	4.5	178	0h 42.8m	41 16		
M32	Elliptical Galaxy	Andromeda	10	8.0x6.0	0h 42.8m	40 52		
M33	Spiral Galaxy	Triangulum	7	73.0x45.0	1h 33.9m	30 40		
M34	Open Cluster	Perseus	6	35	2h 42.0m	42 47		
M35	Open Cluster	Gemini	5.5	28	6h 8.9m	24 20		
M36	Open Cluster	Auriga	6.5	12	5h 36.1	34 08		
M37	Open Cluster	Auriga	6	24	5h 52.4m	32 33		

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M38	Open Cluster	Auriga	7	21	5h 28.7m	35 50		
M39	Open Cluster	Cygnus	5.5	32	21h 32.2m	48 26		
M40	Double Star	Ursa Major	9	0.8	12h 20.0m	58 22		
M41	Open Cluster	Canis Major	5	38	6h 47.0m	-20 44		
M42	Diffuse Nebula	Orion	5	85.0x60.0	5h 35.3m	-5 23		
M43	Diffuse Nebula	Orion	7	20.0x15.0	5h 35.5m	-5 16		
M44	Open Cluster	Cancer	4	95	8h 40.1m	19 59		
M45	Open Cluster	Taurus	1.4	110	3h 47.0m	24 07		
M46	Open Cluster	Puppis	6.5	27	7h 41.8m	-14 49		
M47	Open Cluster	Puppis	4.5	30	7h 36.6m	-14 30		
M48	Open Cluster	Hydra	5.5	54	8h 13.8m	-5 48		
M49	Elliptical Galaxy	Virgo	10	9.0x7.5	12h 29.8m	8 1		
M50	Open Cluster	Monoceros	7	16	7h 3.2m	-8 20		
M51	Spiral Galaxy	Ursa Major	8	11.0x7.0	13h 30.0m	47 11		
M52	Open Cluster	Cassiopea	8	13	23h 24.2m	61 35		
M53	Globular Cluster	Coma Berenices	8.5	12.6	13h 12.9m	18 10		
M54	Globular Cluster	Sagittarius	8.5	9.1	18h 55.1m	-30 29		
M55	Globular Cluster	Sagittarius	7	19	19h 40.0m	-30 58		
M56	Globular Cluster	Lyra	9.5	7.1	19h 16.6m	30 11		
M57	Planetary Nebula	Lyra	9.5	1.4x1.0	18h 53.6m	33 2		
M28	Spiral Galaxy	Virgo	11	5.5x4.5	12h 37.8m	11 50		
M59	Elliptical Galaxy	Virgo	11.5	5.0x3.5	12h 42.1m	11 39		
M60	Elliptical Galaxy	Virgo	10.5	7.0x6.0	12h 43.7m	11 34		
M61	Spiral Galaxy	Virgo	10.5	6.0x5.5	12h 22.0m	4 29		
M62	Globular Cluster	Ophiucus	8	14.1	17h 1.2m	-30 7		
M63	Spiral Galaxy	Canes Venatici	8.5	10.0x6.0	13h 15.8m	42 2		
M64	Spiral Galaxy	Coma Berenices	9	9.3x5.4	12h 56.7m	21 41		
M65	Spiral Galaxy	Leo	10.5	8.0x1.5	11h 18.9m	13 6		
M66	Spiral Galaxy	Leo	10	8.0x2.5	11h 20.2m	13 0		
M67	Open Cluster	Cancer	7.5	30	8h 50.4m	11 49		
M68	Globular Cluster	Hydra	9	12	12h 39.5m	-26 45		
M69	Globular Cluster	Sagittarius	9	7.1	18h 34.4m	-32 21		
M70	Globular Cluster	Sagittarius	9	7.8	18h 43.2m	-32 18		
M71	Globular Cluster	Sagitta	8.5	7.2	19h 53.8m	18 47		
M72	Globular Cluster	Aquarius	10	5.9	20h 53.5m	-12 32		

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M73	Group/Asterism	Aquarius	9	2.8	20h 59.0m	-12 3		
M74	Spiral Galaxy	Pisces	10.5	10.2x9.5	1h 36.6m	15 48		
M75	Globular Cluster	Sagittarius	9.5	6	20h 6.1m	-21 55		
M76	Planetary Nebula	Perseus	12	2.7x1.8	1h 42.4m	51 34		
M77	Spiral Galaxy	Cetus	10.5	7.0x6.0	2h 42.7m	-9 2		
M78	Diffuse Nebula	Orion	8	8.0x6.0	5h 46.8m	0 4		
M79	Globular Cluster	Lepus	8.5	8.7	5h 24.5m	-24 33		
M80	Globular Cluster	Scorpius	8.5	8.9	16h 17.0m	-22 59		
M81	Spiral Galaxy	Ursa Major	8.5	21.0x10.0	9h 55.6m	69 4		
M82	Irregular Galaxy	Ursa Major	9.5	9.x4.0	9h 55.9m	69 41		
M83	Spiral Galaxy	Hydra	8.5	11.0x10.0	13h 37.1m	-29 52		
M84	Lenticular (S0) Galaxy	Virgo	11	5	12h 25.1m	12 54		
M85	Lenticular (S0) Galaxy	Coma Berenices	10.5	7.1x5.2	12h 25.5m	18 12		
M86	Lenticular (S0) Galaxy	Virgo	11	7.5x5.5	12h 26.3m	12 57		
M87	Elliptical Galaxy	Virgo	11	7	12h 30.9m	12 24		
M88	Spiral Galaxy	Coma Berenices	11	7.0x4.0	12h 32.1m	14 26		
M89	Elliptical Galaxy	Virgo	11.5	4	12h 35.7m	12 34		
M90	Spiral Galaxy	Virgo	11	9.5x4.5	12h 36.9m	13 10		
M91	Spiral Galaxy	Coma Berenices	11.5	5.4x4.4	12h 35.5m	14 30		
M92	Globular Cluster	Hercules	7.5	11.2	17h 17.1m	43 8		
M93	Open Cluster	Puppis	6.5	22	7h 44.6m	-23 52		
M94	Spiral Galaxy	Canes Venatici	9.5	7.0x3.0	12h 50.9m	41 8		
M95	Spiral Galaxy	Leo	11	4.4x3.3	10h 43.9m	11 42		
M96	Spiral Galaxy	Leo	10.5	6.0x4.0	10h 46.7m	11 49		
M97	Planetary Nebula	Ursa Major	12	3.4x3.3	11h 14.8m	55 1		
M98	Spiral Galaxy	Coma Berenices	11	9.5x3.2	12h 13.9m	14 55		
M99	Spiral Galaxy	Coma Berenices	10.5	5.4x4.8	12h 18.9m	14 26		
M100	Spiral Galaxy	Coma Berenices	10.5	7.0x6.0	12h 23.0m	15 50		
M101	Spiral Galaxy	Ursa Major	8.5	22	14h 3.3m	54 22		
M102	Lenticular (S0) Galaxy	Draco	10.5	5.2x2.3	15h 6.5m	55 45		
M103	Open Cluster	Cassiopeia	7	6	1h 33.2m	60 42		
M104	Spiral Galaxy	Virgo	9.5	9.0x4.0	12h 39.9m	-11 37		
M105	Elliptical Galaxy	Leo	11	2	10h 47.8m	12 35		
M106	Spiral Galaxy	Ursa Major	9.5	19.0x8.0	12h 18.9m	47 19		
M107	Globular Cluster	Ophiucus	10	10	16h 32.5m	-13 3		
M108	Spiral Galaxy	Ursa Major	11	8.0x1.0	11h 11.6m	55 41		
M109	Spiral Galaxy	Ursa Major	11	7.0x4.0	11h 57.6m	53 23		
M110	Elliptical Galaxy	Andromeda	10	17.0x10.0	0h 40.4m	41 41		