

Object	Common Name	Description	Magnitude	Apparent Size
M74		Spiral Galaxy in Pisces	9.4	Size 10.2' x 9.5'
M77		Spiral Galaxy in Cetus	8.9	Size 7' x 6'
M33	Triangulum Galaxy	Spiral Galaxy in Triangulum	5.7	Size 73' x 45'
M31	Andromeda Galaxy	Spiral Galaxy in Andromeda	3.4	Size 178' x 63'
M32	Satellite of M31	Elliptical Galaxy in Andromeda	8.1	Size 8' x 6'
M110	Satellite of M31	Elliptical Galaxy in Andromeda	8.5	Size 17' x 10'
M52		Open Cluster in Cassiopeia	7.3	Dia 13'
M103		Open Cluster in Cassiopeia	7.4	Dia 6'
M76	Little Dumbbell Nebula	Planetary Nebula in Perseus	10.1	Size 2.7' x 1.8'
M34		Open Cluster in Perseus	5.5	Dia 35'
M45	Pleiades	Open Cluster in Taurus	1.6	Dia 110'
M79		Globular Cluster in Lepus	7.7	Dia 9.6'
M42	Great Orion Nebula	Diffuse Nebula in Orion	4	Size 85' x 60'
M43	De Mairan's Nebula	Diffuse Nebula in Orion	9	Size 20' x 15'
M78		Diffuse Nebula in Orion	8.3	Size 8' x 6'
M1	Crab Nebula	Supernova Remnant in Tarus	8.4	Size 6' x 4'
M35		Open Cluster in Gemini	5.2	Dia 28'
M37		Open Cluster in Auriga	6.2	Dia 24'
M36		Open Cluster in Auriga	6.3	Dia 12'
M38		Open Cluster in Auriga	7.4	Dia 21'
M41		Open Cluster in Canis Minor	4.5	Dia 38'
M50		Open Cluster in Monoceros	5.9	Dia 16'
M47		Open Cluster in Puppis	5.2	Dia 30'
M46		Open Cluster in Puppis	6	Dia 27'
M93		Open Cluster in Puppis	6	Dia 22.0'
M48		Open Cluster in Hydra	5.5	Dia 54'
M44	Beehive/Praesepe	Open Cluster in Cancer	3.7	Dia 95'
M67		Open Cluster in Cancer	6.1	Dia 30'
M81	Bode's Galaxy	Spiral Galaxy in Ursa Major	6.9	Size 21' x 10'
M82	Cigar Galaxy	Irregular Galaxy in Ursa Major	8.4	Size 9' x 4'
M108		Spiral Galaxy in Ursa Major	10	Size 8' x 1'
M97	Owl Nebula	Planetary Nebula in Ursa Major	9.9	Size 3.4' x 3.3'
M109		Spiral Galaxy in Ursa Major	9.8	Size 7' x 4'
M106		Spiral Galaxy in Canes Venatici	8.4	Size 19' x 8'
M40		Nondescript Double Star in Ursa Major	8.4	Separation 0.8'
M40+		M40 & Spiral Galaxy in UMa	12.7	Angular Separation 12'
M95		Spiral Galaxy in Leo	9.7	Size 4.4' x 3.3'
M96		Spiral Galaxy in Leo	9.2	Size 6' x 4'
M105		Elliptical Galaxy in Leo	9.3	Dia 2'
M65		Spiral Galaxy in Leo	9.3	Size 8' x 1.5'
M66		Spiral Galaxy in Leo	8.9	Size 8' x 2.5'
M101	Pinwheel Galaxy	Spiral Galaxy in Ursa Major	7.9	Dia 22'
M51	Whirlpool Galaxy	Spiral Galaxy in Canes Venatici	8.4	Size 11' x 7'
M63	Sunflower Galaxy	Spiral Galaxy in Canes Venatici	8.6	Size: 10' x 6'
M94		Spiral Galaxy in Canes Venatici	8.2	Size 7' x 3'
M3		Globular Cluster in Canes Venatici	6.2	Dia 16'
M53		Globular Cluster in Coma Berenices	7.6	Dia 13'
M64	Blackeye Galaxy	Spiral Galaxy in Coma Berenices	8.5	Size 9.3' x 5.4'
M60		Elliptical Galaxy in Virgo	8.8	Size 7' x 6'
M59		Elliptical Galaxy in Virgo	9.6	Size: 5' x 3.5'
M58		Spiral Galaxy in Virgo	9.7	Size 5.5' x 4.5'
M89		Elliptical Galaxy in Virgo	9.8	Dia 4'
M90		Spiral Galaxy in Virgo	9.5	Size 9.5' x 4.5'
M88		Spiral Galaxy in Coma Berenices	9.6	Size 7' x 4'
M91		Spiral Galaxy in Coma Berenices	10.2	Size 5.4' x 4.4'
M87		Elliptical Galaxy in Virgo	8.6	Dia 7.0'
M86		Elliptical Galaxy in Virgo	8.9	Size 7.5' x 5.5'
M84		Elliptical Galaxy in Virgo	9.1	Dia 5'
M100		Spiral Galaxy in Coma Berenices	9.3	Size 7' x 6'
M85		Elliptical Galaxy in Coma Berenices	9.1	Size 7.1' x 5.2'
M98		Spiral Galaxy in Coma Berenices	10.1	Size 9.5' x 3.2'
M99		Spiral Galaxy in Coma Berenices	9	Size 5.4' x 4.8'
M49		Elliptical Galaxy in Virgo	8.4	Size 9' x 7.5'
M61		Spiral Galaxy in Virgo	9.7	Size 6' x 5.5'
M104	Sombrero Galaxy	Spiral Galaxy in Virgo	8	Size 9' x 4'
M68		Globular Cluster in Hydra	7.8	Dia 11'
M83	Southern Pinwheel	Spiral Galaxy in Hydra	7.6	Size 11' x 10'
M102		Probable Duplicate of M101		
M102+	(Alt) NGC 5866	Lenticular Galaxy in Draco	9.9	Size 5.2' x 2.3'
M5		Globular Cluster in Serpens	5.6	Dia 23'
M13	Hercules Cluster	Globular Cluster in Hercules	5.8	Dia 20'
M92		Globular Cluster in Hercules	6.4	Dia 14'
M12		Globular Cluster in Ophiuchus	6.7	Dia 16'
M10		Globular Cluster in Ophiuchus	6.6	Dia 20'
M14		Globular Cluster in Ophiuchus	7.6	Dia 11'
M107		Globular Cluster in Ophiuchus	7.9	Dia 13.0'
M80		Globular Cluster in Scorpius	7.3	Dia 10.0'
M4		Globular Cluster in Scorpius	5.6	Dia 36'
M19		Globular Cluster in Ophiuchus	6.8	Dia 17'
M62		Globular Cluster in Ophiuchus	6.5	Dia 15'
M6	Butterfly Cluster	Open Cluster in Scorpius	4.3	Dia 25'
M7	Ptolemy's Cluster	Open Cluster in Scorpius	3.3	Dia 80"
M8	Lagoon Nebula	Diffuse Nebula in Sagittarius	6	Size 90' x 40'
M20	Trifid Nebula	Diffuse Nebula in Sagittarius	9	Dia 28'
M21		Open Cluster in Sagittarius	6.5	Dia 13'
M23		Open Cluster in Sagittarius	6.9	Dia 27'
M9		Globular Cluster in Ophiuchus	7.7	Dia 12'
M24	Sagittarius Star Cloud	Milky Way Patch in Sagittarius	4.6	Dia 90'
M25		Open Cluster in Sagittarius	4.6	Dia 32'
M18		Open Cluster in Sagittarius	7.5	Dia 9'
M17	Omega/Swan Nebula	Diffuse Nebula in Sagittarius	6	Dia 11'
M16	Eagle Nebula	Diffuse Nebula in Serpens	6.4	Dia 7'
M11	Wild Duck Cluster	Open Cluster in Scutum	6.3	Dia 14'
M26		Open Cluster in Scutum	8	Dia 15'
M22		Globular Cluster in Sagittarius	5.1	Dia 32'
M28		Globular Cluster in Sagittarius	6.8	Dia 11.2'
M69		Globular Cluster in Sagittarius	7.6	Dia 9.8'
M70		Globular Cluster in Sagittarius	7.9	Dia 8'
M57	Ring Nebula	Planetary Nebula in Lyra	8.8	Size 1.4' x 1.0'
M56		Globular Cluster in Lyra	8.3	Dia 8.8'
M29		Open Cluster in Cygnus	7.21	Dia 7'
M39		Open Cluster in Cygnus	4.6	Dia 32'
M71		Globular Cluster in Sagitta	8.2	Dia 7.2'
M27	Dumbbell Nebula	Planetary Nebula in Vulpecula	7.4	Size 8' x 5.7'
M54		Globular Cluster in Sagittarius	7.6	Dia 12'
M55		Globular Cluster in Sagittarius	6.3	Dia 19'
M15		Globular Cluster in Pegasus	6.2	Dia 18'
M75		Globular Cluster in Sagittarius	8.5	Dia 6.8'
M72		Globular Cluster in Aquarius	9.3	Dia 6.6
M73		Sparse Cluster in Aquarius	9	Dia 2.8'
M2		Globular Cluster in Aquarius	6.5	Dia 16'
M30		Globular Cluster in Capricornus	7.2	Dia 12'