

Celestron Messier Catalog



Messier Catalog Number	New General Catalog (Globular Cluster) Number	Common Name	Celestial Object Classification	Magnitude	Right Ascension (RA)	Declination (Dec)	Constellation	Viewing Season
M1	1952	Crab Nebula	Supernova Remnant	8.4	5h 34.5m	+22° 01'	Taurus	Winter
M2	7089	--	Globular Cluster	6.5	21h 33.5m	+00° 49'	Aquarius	Autumn
M3	5272	--	Globular Cluster	6.2	13h 42.2m	+28° 23'	Canes Venatici	Spring
M4	6121	--	Globular Cluster	5.6	16h 23.6m	-26° 32'	Scorpius	Summer
M5	5904	--	Globular Cluster	5.6	15h 18.6m	+02° 05'	Serpens	Summer
M6	6405	Butterfly Cluster	Open Cluster	4.2	17h 40.1m	-32° 13'	Scorpius	Summer
M7	6475	Ptolemy's Cluster	Open Cluster	3.3	17h 53.9m	-34° 49'	Scorpius	Summer
M8	6523	Lagoon Nebula	Diffuse Nebula	6	18h 03.8m	-24° 23'	Sagittarius	Summer
M9	6333	--	Globular Cluster	7.7	17h 19.2m	-18° 31'	Ophiuchus	Summer
M10	6254	--	Globular Cluster	6.6	16h 57.1m	-04° 06'	Ophiuchus	Summer
M11	6705	Wild Duck Cluster	Open Cluster	6.3	18h 51.1m	-06° 16'	Scutum	Summer
M12	6218	--	Globular Cluster	6.7	16h 47.2m	-01° 57'	Ophiuchus	Summer
M13	6205	Great Hercules Globular	Globular Cluster	5.8	16h 41.7m	+36° 28'	Hercules	Summer
M14	6402	--	Globular Cluster	7.6	17h 37.6m	-03° 15'	Ophiuchus	Summer
M15	7078	Great Pegasus Globular	Globular Cluster	6.2	21h 30m	+12° 10'	Pegasus	Autumn
M16	6611	Eagle Nebula	Diffuse Nebula+Open Cluster	6.4	18h 18.8m	-13° 47'	Serpens	Summer
M17	6618	Omega Nebula	Diffuse Nebula	7	18h 20.8m	-16° 11'	Sagittarius	Summer
M18	6613	--	Open Cluster	7.5	18h 19.9m	-17° 08'	Sagittarius	Summer
M19	6273	--	Globular Cluster	6.8	17h 02.6m	-26° 16'	Ophiuchus	Summer
M20	6514	Trifid Nebula	Diffuse Nebula	9	18h 02.6m	-23° 02'	Sagittarius	Summer
M21	6531	--	Open Cluster	6.5	18h 04.6m	-22° 30'	Sagittarius	Summer

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M22	6656	Sagittarius Cluster	Globular Cluster	5.1	18h 36.4m	-23° 54'	Sagittarius	Summer
M23	6494	--	Open Cluster	6.9	17h 56.8m	-19° 01'	Sagittarius	Summer
M24	--	Sagittarius Star Cloud	Milky Way Patch	4.6	18h 16.9m	-18° 30'	Sagittarius	Summer
M25	IC4725	--	Open Cluster	6.5	18h 31.6m	-19° 15'	Sagittarius	Summer
M26	6694	--	Open Cluster	8	18h 45.2m	-09° 24'	Scutum	Summer
M27	6853	Dumbbell Nebula	Planetary Nebula	7.4	19h 59.6m	+22° 43'	Vulpecula	Summer
M28	6626	--	Globular Cluster	6.8	18h 24.5m	-24° 52'	Sagittarius	Summer
M29	6913	--	Open Cluster	7.1	20h 23.9m	+38° 32'	Cygnus	Summer
M30	7099	--	Globular Cluster	7.2	21h 40.4m	-23° 11'	Capricornus	Autumn
M31	224	Andromeda Galaxy	Spiral Galaxy	3.4	0h 41.8m	+41° 16'	Andromeda	Autumn
M32	221	--	Elliptical Galaxy	8.1	0h 42.8m	+40° 52'	Andromeda	Autumn
M33	598	Triangulum Galaxy	Spiral Galaxy	5.7	1h 33.9m	+30° 39'	Triangulum	Autumn
M34	1039	--	Open Cluster	5.5	2h 42m	+42° 47'	Perseus	Autumn
M35	2168	--	Open Cluster	5.3	6h 08.9m	+24° 20'	Gemini	Winter
M36	1960	--	Open Cluster	6.3	5h 36.1m	+34° 08'	Auriga	Winter
M37	2099	--	Open Cluster	6.2	5h 52.4m	+32° 33'	Auriga	Winter
M38	1912	--	Open Cluster	7.4	5h 28.7m	+35° 50'	Auriga	Winter
M39	7092	--	Open Cluster	4.6	21h 32.2m	+48° 26'	Cygnus	Autumn
M40	Win4	Winnecke 4	Double Star	8.4	12h 22.4m	+58° 05'	Ursa Major	Spring
M41	2287	--	Open Cluster	4.6	6h 47m	-20° 44'	Canis Major	Winter
M42	1976	Great Nebula in Orion	Diffuse Nebula	4	5h 35.4m	-05° 27'	Orion	Winter
M43	1982	De Mairan's Nebula	Diffuse Nebula	9	5h 35.6m	-05° 16'	Orion	Winter
M44	2632	Beehive Cluster	Open Cluster	3.7	8h 40.1m	+19° 59'	Cancer	Winter
M45	--	Pleiades	Open Cluster	1.6	3h 47m	+24° 07'	Taurus	Winter
M46	2437	--	Open Cluster	6	7h 41.8m	-14° 49'	Puppis	Winter
M47	2422	--	Open Cluster	5.2	7h 36.6m	-14° 30'	Puppis	Winter
M48	2548	--	Open Cluster	5.5	8h 13.8m	-05° 48'	Hydra	Winter
M49	4472	--	Elliptical Galaxy	8.4	12h 29.8m	+08° 00'	Virgo	Spring
M50	2323	--	Open Cluster	6.3	7h 03.2m	-08° 20'	Mon	Winter
M51	5194	Whirlpool Galaxy	Spiral Galaxy	8.4	13h 30m	+47° 11'	Canes Venatici	Spring
M52	7654	--	Open Cluster	7.3	23h 24.2m	+61° 35'	Cassiopeia	Autumn
M53	5024	--	Globular Cluster	7.6	13h 12.9m	+18° 10'	Coma Berenices	Spring
M54	6715	--	Globular Cluster	7.6	18h 55.1m	-30° 29'	Sagittarius	Summer
M55	6809	--	Globular Cluster	6.3	19h 40m	-30° 58'	Sagittarius	Summer

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M56	6779	--	Globular Cluster	8.3	19h 16.6m	+30° 11'	Lyra	Summer
M57	6720	Ring Nebula	Planetary Nebula	8.8	18h 53.6m	+33° 02'	Lyra	Summer
M58	4579	--	Spiral Galaxy	9.7	12h 37.7m	+11° 49'	Virgo	Spring
M59	4621	--	Elliptical Galaxy	9.6	12h 42m	+11° 39'	Virgo	Spring
M60	4649	--	Elliptical Galaxy	8.8	12h 43.7m	+11° 33'	Virgo	Spring
M61	4303	--	Spiral Galaxy	9.7	12h 21.9m	+04° 28'	Virgo	Spring
M62	6266	--	Globular Cluster	6.5	17h 01.2m	-30° 07'	Ophiuchus	Summer
M63	5055	Sunflower Galaxy	Spiral Galaxy	8.6	13h 15.8m	+42° 02'	Canes Venatici	Spring
M64	4826	Black Eye Galaxy	Spiral Galaxy	8.5	12h 56.7m	+21° 41'	Coma Berenices	Spring
M65	3623	--	Spiral Galaxy	9.3	11h 18.9m	+13° 05'	Leo	Spring
M66	3627	--	Spiral Galaxy	8.9	11h 20.2m	+12° 59'	Leo	Spring
M67	2682	--	Open Cluster	6.1	8h 50.4m	+11° 49'	Cancer	Winter
M68	4590	--	Globular Cluster	7.8	12h 39.5m	-26° 45'	Hydra	Spring
M69	6637	--	Globular Cluster	7.6	18h 31.4m	-32° 21'	Sagittarius	Summer
M70	6681	--	Globular Cluster	7.9	18h 43.2m	-32° 18'	Sagittarius	Summer
M71	6838	--	Globular Cluster	8.2	19h 53.8m	+18° 47'	Aquarius	Summer
M72	6981	--	Globular Cluster	9.3	20h 53.5m	-12° 32'	Aquarius	Summer
M73	6994	--	Asterism	9	20h 59m	-12° 38'	Aquarius	Summer
M74	628	--	Spiral Galaxy	9.4	1h 36.7m	+15° 47'	Pisces	Autumn
M75	6864	--	Globular Cluster	8.5	20h 06.1m	-21° 55'	Sagittarius	Summer
M76	650	Little Dumbbell Nebula	Planetary Nebula	10.1	1h 42.4m	+51° 34'	Perseus	Autumn
M77	1068	--	Spiral Galaxy	8.9	2h 42.7m	+00° 02'	Cetus	Autumn
M78	2068	--	Diffuse Nebula	8.3	5h 46.7m	+00° 03'	Orion	Winter
M79	1904	--	Globular Cluster	7.7	5h 24.5m	-24° 33'	Lepus	Winter
M80	6093	--	Globular Cluster	7.3	16h 17m	-22° 59'	Scorpius	Summer
M81	3031	Bode's Galaxy	Spiral Galaxy	6.9	9h 55.6m	+69° 04'	Ursa Major	Spring
M82	3034	Cigar Galaxy	Irregular Galaxy	8.4	9h 55.8m	+69° 41'	Ursa Major	Spring
M83	5236	Southern Pinwheel Galaxy	Spiral Galaxy	7.6	13h 37m	-29° 52'	Hydra	Spring
M84	4374	--	Elliptical Galaxy	9.1	12h 25.1m	+12° 53'	Virgo	Spring

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M85	4382	--	Elliptical Galaxy	9.1	12h 25.5m	+18° 12'	Coma Berenices	Spring
M86	4406	--	Elliptical Galaxy	8.9	12h 26.2m	+12° 57'	Virgo	Spring
M87	4486	--	Elliptical Galaxy	8.6	12h 30.8m	+12° 24'	Virgo	Spring
M88	4501	--	Spiral Galaxy	9.6	12h 32.1m	+14° 26'	Coma Berenices	Spring
M89	4552	--	Elliptical Galaxy	9.8	12h 35.7m	+12° 33'	Virgo	Spring
M90	4569	--	Spiral Galaxy	9.5	12h 36.8m	+13° 10'	Virgo	Spring
M91	4548	--	Spiral Galaxy	10.2	12h 35.5m	+14° 30'	Coma Berenices	Spring
M92	6341	--	Globular Cluster	6.4	17h 17.1m	+43° 08'	Hercules	Summer
M93	2447	--	Open Cluster	6	7h 44.6m	-23° 52'	Puppis	Winter
M94	4736	--	Spiral Galaxy	8.2	12h 50.9m	+41° 08'	Canes Venatici	Spring
M95	3351	--	Spiral Galaxy	9.7	10h 44m	+11° 42'	Leo	Spring
M96	3368	--	Spiral Galaxy	9.2	10h 46.8m	+11° 49'	Leo	Spring
M97	3587	Owl Nebula	Planetary Nebula	9.9	11h 14.8m	+55° 01'	Ursa Major	Spring
M98	4192	--	Spiral Galaxy	10.1	12h 13.9m	+14° 55'	Coma Berenices	Spring
M99	4254	--	Spiral Galaxy	9.9	12h 18.9m	+14° 26'	Coma Berenices	Spring
M100	4321	--	Spiral Galaxy	9.3	12h 23m	+15° 50'	Coma Berenices	Spring
M101	5457	Pinwheel Galaxy	Spiral Galaxy	7.9	14h 03.2m	+54° 21'	Ursa Major	Spring
M102	5866	--	Lenticular Galaxy	9.9	15h 06.5m	+55° 46'	Draco	Summer
M103	581	--	Open Cluster	7.4	1h 33.2m	+60° 42'	Cassiopeia	Autumn
M104	4594	Sombrero Galaxy	Spiral Galaxy	8	12h 40m	-11° 37'	Virgo	Spring
M105	3379	--	Elliptical Galaxy	9.3	10h 47.8m	+12° 35'	Leo	Spring
M106	4258	--	Spiral Galaxy	8.4	12h 18.9m	+47° 19'	Canes Venatici	Spring
M107	6171	--	Globular Cluster	7.9	16h 32.5m	-13° 03'	Ophiuchus	Summer
M108	3556	--	Spiral Galaxy	10	11h 11.5m	+55° 40'	Ursa Major	Spring
M109	3992	--	Spiral Galaxy	9.8	11h 57.6m	+53° 23'	Ursa Major	Spring
M110	205	--	Elliptical Galaxy	8.5	00h 40.4m	+41° 41'	Andromeda	Autumn