

# Messier Objects

ObjectNum	Name	Type	Constellation	RAHour	RAMinute	DecSign	DecDeg	DecMinute	Magnitude	Info	Distance (ly)
1	NGC 1952 Crab Nebula	Supernova Remnant	Taurus	5	34.5	+	22	18.4	Size: 6.0x4.0		6,300
2	NGC 7089	Globular Cluster	Aquarius	21	33.5	-	0	49 6.5	Size: 12.9		37,500
3	NGC 5272	Globular Cluster	Canes Venatici	13	42.2	+	28	23 6.2	Size: 16.2		33,900
4	NGC 6121	Globular Cluster	Scorpius	16	23.6	-	26	32 5.6	Size: 26.3		7,200
5	NGC 5904	Globular Cluster	Serpens Caput	15	18.6	+	2	5 5.6	Size: 17.4		24,500
6	NGC 6405 Butterfly Cluster	Open Cluster	Scorpius	17	40.1	-	32	13 5.3	Size: 25		2,000
7	NGC 6475 Ptolemy's Cluster	Open Cluster	Scorpius	17	53.9	-	34	49 4.1	Size: 80		800
8	NGC 6523 Lagoon Nebula	Diffuse Nebula	Sagittarius	18	3.8	-	24	23 6	Size: 90x40		5,200
9	NGC 6333	Globular Cluster	Ophiucus	17	19.2	-	18	31 7.7	Size: 9.3		26,700
10	NGC 6254	Globular Cluster	Ophiucus	16	57.1	-	4	6 6.6	Size: 15.1		14,400
11	NGC 6705 Wild Duck Cluster	Open Cluster	Scutum	18	51.1	-	6	16 6.3	Size: 14		6,000
12	NGC 6218	Globular Cluster	Ophiucus	16	47.2	-	1	57 6.7	Size: 14.5		16,000
13	NGC 6205 Hercules Globular Cluster	Globular Cluster	Hercules	16	41.7	+	36	28 5.8	Size: 16.6		22,800
14	NGC 6402	Globular Cluster	Ophiucus	17	37.6	-	3	15 7.6	Size: 11.7		27,400
15	NGC 7078	Globular Cluster	Pegasus	21	30	+	12	10 6.2	Size: 12.3		33,600
16	NGC 6611 Eagle Nebula Cluster	Open Cluster	Serpens Claudia	18	18.8	-	13	47 6.4	Size: 7		7,000
17	NGC 6618 Omega, Swan, Horseshoe Nebula	Diffuse Nebula	Sagittarius	18	20.8	-	16	11 7	Size: 11		5,000
18	NGC 6613	Open Cluster	Sagittarius	18	19.9	-	17	8 7.5	Size: 9		4,900
19	NGC 6273	Globular Cluster	Ophiucus	17	2.6	-	26	16 6.8	Size: 13.5		27,100
20	NGC 6514 Trifid Nebula	Diffuse Nebula	Sagittarius	18	2.3	-	23	2 9	Size: 28		5,200
21	NGC 6531	Open Cluster	Sagittarius	18	4.6	-	22	30 6.5	Size: 13		4,250
22	NGC 6656	Globular Cluster	Sagittarius	18	36.4	-	23	54 5.1	Size: 24		10,100
23	NGC 6494	Open Cluster	Sagittarius	17	56.8	-	19	1 6.9	Size: 27		2,150
24	NGC 6603 Milky Way Patch	Star Cloud	Sagittarius	18	18.4	-	18	25 4.6	Size: 90		10,000
25	IC 4725	Open Cluster	Sagittarius	18	31.7	-	19	14 6.5	Size: 40		2,000
26	NGC 6694	Open Cluster	Scutum	18	45.2	-	9	24 8	Size: 15		5,000
27	NGC 6853 Dumbbell Nebula	Planetary Nebula	Vulpecula	19	59.6	+	22	43 7.4	Size: 8.0x5.7		1,250
28	NGC 6626	Globular Cluster	Sagittarius	18	24.5	-	24	52 6.8	Size: 11.2		17,900
29	NGC 6913	Open Cluster	Cygnus	20	23.9	+	38	32 7.1	Size: 7		4,000
30	NGC 7099	Globular Cluster	Capricornus	21	40.4	-	23	11 7.2	Size: 11		24,800
31	NGC 224 Andromeda Galaxy	Spiral Galaxy	Andromeda	0	42.7	+	41	16 3.4	Size: 178x63		2,900,000
32	NGC 221 Satellite of M31	Elliptical Galaxy	Andromeda	0	42.7	+	40	52 8.1	Size: 8x6		2,900,000
33	NGC 598 Triangulum/Pinwheel Galaxy	Spiral Galaxy	Triangulum	1	33.9	+	30	39 5.7	Size: 73x45		3,000,000
34	NGC 1039	Open Cluster	Perseus	2	42	+	42	47 5.5	Size: 35		1,400
35	NGC 2168	Open Cluster	Gemini	6	8.9	+	24	20 5.3	Size: 28		2,800
36	NGC 1960	Open Cluster	Auriga	5	36.1	+	34	8 6.3	Size: 12		4,100
37	NGC 2099	Open Cluster	Auriga	5	52.4	+	32	33 6.2	Size: 24		4,400
38	NGC 1912	Open Cluster	Auriga	5	28.7	+	35	50 7.4	Size: 21		4,200
39	NGC 7092	Open Cluster	Cygnus	21	32.2	+	48	26 5.2	Size: 32		825
40	Winecke 4	Double Star	Ursa Major	12	22.2	+	58	5 9 & 9.3	Sep: 49 arcsec		510
41	NGC 2287	Open Cluster	Canis Major	6	47	-	20	44 4.6	Size: 38		2,300
42	NGC 1976 Great Orion Nebula	Diffuse Nebula	Orion	5	35.4	-	5	27 4	Size: 85x60		1,600
43	NGC 1982 de Mairan's Nebula	Diffuse Nebula	Orion	5	35.6	-	5	16 9	Size: 20x15		1,600
44	NGC 2632 Beehive Cluster (Praesepe)	Open Cluster	Cancer	8	40.1	+	19	59 3.7	Size: 95		577
45	Pleiades, Subaru, Seven Sisters	Open Cluster	Taurus	3	47	+	24	7.2 1.6	Size: 110		380
46	NGC 2437	Open Cluster	Puppis	7	41.8	-	14	49 6	Size: 27		5,400
47	NGC 2422	Open Cluster	Puppis	7	36.6	-	14	30 5.2	Size: 30		1,600
48	NGC 2548	Open Cluster	Hydra	8	13.8	-	5	48 5.5	Size: 54		1,500
49	NGC 4472	Elliptical Galaxy	Virgo	12	29.8	+	8	0 8.4	Size: 9x7.5		60,000,000
50	NGC 2323	Open Cluster	Monocerus	7	3.2	-	8	20 6.3	Size: 16		3,000
51	NGC 5194 Whirlpool Galaxy	Spiral Galaxy	Canes Venatici	13	29.9	+	47	12 8.4	Size: 11x7		37,000,000
52	NGC 7654	Open Cluster	Cassiopeia	23	24.2	+	61	35 7.3	Size: 13		5,000
53	NGC 5024	Globular Cluster	Coma Berenices	13	12.9	+	18	10 7.6	Size: 12.6		56,400
54	NGC 6715	Globular Cluster	Sagittarius	18	55.1	-	30	29 7.6	Size: 9.1		82,800
55	NGC 6809	Globular Cluster	Sagittarius	19	40	-	30	58 6.3	Size: 19		16,600
56	NGC 6779	Globular Cluster	Lyra	19	16.6	+	30	11 8.3	Size: 7.1		31,600
57	NGC 6720 Ring Nebula	Planetary Nebula	Lyra	18	53.6	+	33	2 8.8	Size: 1.4x1		4,100
58	NGC 4579	Spiral Galaxy	Virgo	12	37.7	+	11	49 9.7	Size: 5.5x4.5		60,000,000
59	NGC 4621	Elliptical Galaxy	Virgo	12	42	+	11	39 9.6	Size: 5x3.5		60,000,000
60	NGC 4649	Elliptical Galaxy	Virgo	12	43.7	+	11	33 8.8	Size: 7x6		60,000,000
61	NGC 4303	Spiral Galaxy	Virgo	12	21.9	+	4	28 9.7	Size: 6x5.5		60,000,000
62	NGC 6266	Globular Cluster	Ophiucus	17	1.2	-	30	7 6.5	Size: 14.1		21,500
63	NGC 5055 Sunflower Galaxy	Spiral Galaxy	Canes Venatici	13	15.8	+	42	2 8.6	Size: 10x6		37,000,000
64	NGC 4826 Blackeye Galaxy	Spiral Galaxy	Coma Berenices	12	56.7	+	21	41 8.5	Size: 9.3x5.4		19,000,000
65	NGC 3623	Spiral Galaxy	Leo	11	18.9	+	13	5 9.3	Size: 8x1.5		35,000,000
66	NGC 3627	Spiral Galaxy	Leo	11	20.2	+	12	59 8.9	Size: 8x2.5		35,000,000
67	NGC 2682	Open Cluster	Cancer	8	50.4	+	11	49 6.1	Size: 30		2,700
68	NGC 4590	Globular Cluster	Hydra	12	39.5	-	26	45 7.8	Size: 12		33,300
69	NGC 6637	Globular Cluster	Sagittarius	18	31.4	-	32	21 7.6	Size: 7.1		26,700
70	NGC 6681	Globular Cluster	Sagittarius	18	43.2	-	32	18 7.9	Size: 7.8		28,000
71	NGC 6838	Globular Cluster	Sagitta	19	53.8	+	18	47 8.3	Size: 7.2		11,700
72	NGC 6981	Globular Cluster	Aquarius	20	53.5	-	12	32 9.3	Size: 5.9		52,800
73	NGC 6994 Group of 4 stars	Group/Asterism	Aquarius	20	59	-	12	38 9	Size: 2.8		2,000
74	NGC 628	Spiral Galaxy	Pisces	1	36.7	+	15	47 9.4	Size: 10.2x9.5		35,000,000
75	NGC 6864	Globular Cluster	Sagittarius	20	6.1	-	21	55 8.5	Size: 6		57,700
76	NGC 650 Little Dumbell, Cork, Butterfly Nebula	Planetary Nebula	Perseus	1	42.3	+	51	34 10.1	Size: 2.7x1.8		3,400
77	NGC 1068 Cetus A	Spiral Galaxy	Cetus	2	42.7	+	0	1 8.9	Size: 7x6		60,000,000
78	NGC 2068	Diffuse Nebula	Orion	5	46.7	+	0	3 8.3	Size: 8x6		1,600
79	NGC 1904	Globular Cluster	Lepus	5	24.5	-	24	33 7.7	Size: 8.7		41,100
80	NGC 6093	Globular Cluster	Scorpius	16	17	-	22	59 7.3	Size: 8.9		27,400
81	NGC 3031 Bode's Galaxy	Spiral Galaxy	Ursa Major	9	55.6	+	69	4 6.9	Size: 21x10		12,000,000
82	NGC 3034 Cigar Galaxy	Irregular Galaxy	Ursa Major	9	55.8	+	69	41 8.4	Size: 9.x4		12,000,000
83	NGC 5236 Southern Pinwheel Galaxy	Spiral Galaxy	Hydra	13	37	-	29	52 7.6	Size: 11x10		15,000,000
84	NGC 4374	Lenticular (S0) Galaxy	Virgo	12	25.1	+	12	53 9.1	Size: 5		60,000,000
85	NGC 4382	Lenticular (S0) Galaxy	Coma Berenices	12	25.4	+	18	11 9.1	Size: 7.1x5.2		60,000,000
86	NGC 4406	Lenticular (S0) Galaxy	Virgo	12	26.2	+	12	57 8.9	Size: 7.5x5.5		60,000,000

## Messier Objects

ObjectNum	Name	Type	Constellation	RAHour	RAMinute	DecSign	DecDeg	DecMinute	Magnitude	Info	Distance (ly)
87	NGC 4486 Virgo A	Elliptical Galaxy	Virgo	12	30.8	+	12	24	8.6	Size: 7	60,000,000
88	NGC 4501	Spiral Galaxy	Coma Berenices	12	32	+	14	25	9.6	Size: 7x4	60,000,000
89	NGC 4552	Elliptical Galaxy	Virgo	12	35.7	+	12	33	9.8	Size: 4	60,000,000
90	NGC 4569	Spiral Galaxy	Virgo	12	36.8	+	13	10	9.5	Size: 9.5x4.5	60,000,000
91	NGC 4548	Spiral Galaxy	Coma Berenices	12	35.4	+	14	30	10.2	Size: 5.4x4.4	60,000,000
92	NGC 6341	Globular Cluster	Hercules	17	17.1	+	43	8	6.4	Size: 11.2	26,400
93	NGC 2447	Open Cluster	Puppis	7	44.6	-	23	52	6	Size: 22	3,600
94	NGC 4736	Spiral Galaxy	Canes Venatici	12	50.9	+	41	7	8.2	Size: 7x3	14,500,000
95	NGC 3351	Spiral Galaxy	Leo	10	44	+	11	42	9.7	Size: 4.4x3.3	38,000,000
96	NGC 3368	Spiral Galaxy	Leo	10	46.8	+	11	49	9.2	Size: 6x4	38,000,000
97	NGC 3587 Owl Nebula	Planetary Nebula	Ursa Major	11	14.8	+	55	1	9.9	Size: 3.4x3.3	2,600
98	NGC 4192	Spiral Galaxy	Coma Berenices	12	13.8	+	14	54	10.1	Size: 9.5x3.2	60,000,000
99	NGC 4254	Spiral Galaxy	Coma Berenices	12	18.8	+	14	25	9.9	Size: 5.4x4.8	60,000,000
100	NGC 4321	Spiral Galaxy	Coma Berenices	12	22.9	+	15	49	9.3	Size: 7x6	60,000,000
101	NGC 5457 Pinwheel Galaxy	Spiral Galaxy	Ursa Major	14	3.2	+	54	21	7.9	Size: 22	27,000,000
102	NGC 5866 Spindle Galaxy	Lenticular (S0) Galaxy	Draco	15	6.5	+	55	46	9.9	Size: 5.2x2.3	40,000,000
103	NGC 581	Open Cluster	Cassiopeia	1	33.2	+	60	42	7.4	Size: 6	8,000
104	NGC 4594 Sombrero Galaxy	Spiral Galaxy	Virgo	12	40	-	11	37	8	Size: 9x4	50,000,000
105	NGC 3379	Elliptical Galaxy	Leo	10	47.8	+	12	35	9.3	Size: 2	38,000,000
106	NGC 4258	Spiral Galaxy	Canes Venatici	12	19	+	47	18	8.4	Size: 19x8	25,000,000
107	NGC 6171	Globular Cluster	Ophiucus	16	32.5	-	13	3	7.9	Size: 10	19,600
108	NGC 3556	Spiral Galaxy	Ursa Major	11	11.5	+	55	40	10	Size: 8x1	45,000,000
109	NGC 3992	Spiral Galaxy	Ursa Major	11	57.6	+	53	23	9.8	Size: 7x4	55,000,000
110	NGC 205 Satellite of M31	Elliptical Galaxy	Andromeda	0	40.4	+	41	41	8.5	Size: 17x10	2,900,000