

## Messier Objects

M #	Con	Type	Mag	RA: h m	Dec: d m	Distance	Size	Name	Chart
1	Tau	BN	8.2v	05 34.5	+22 1	6.3 kly	6'x4'	Crab Nebula	3
2	Aqu	GC	6.3v	21 33.5	-00 49	36.2 kly	12.9'		13
3	CVn	GC	6.3v	13 42.2	+28 23	30.6 kly	16.2'		5
4	Sco	GC	6.4v	16 23.5	-26 31.5	6.8 kly	26.3'		18
5	Ser	GC	6.2v	15 18.6	+02 5	22.8 kly	17.4'		11
6	Sco	OC	4.2v	17 40.4	-32 13.8	2 kly	33'		18
7	Sco	OC	4.1v	17 53.9	-34 47	800 ly	80.0'		18
8	Sag	BN	6.0v	18 4.1	-24 18	5200 ly	90'x40'	Lagoon Nebula	18
9	Oph	GC	7.3v	17 19.2	-18 31	26.4 kly	9.3'		18
10	Oph	GC	6.7v	16 57.2	-04 6	13.4 kly	15.1'		12
11	Scu	OC	6.3v	18 51.1	-06 16	6 kly	14.0'	Wild Duck Cluster	12
12	Oph	GC	6.6v	16 47.2	-01 56.9	17.6 kly	14.5'		12
13	Her	GC	5.7v	16 41.7	+36 27.6	22.2 kly	16.6'	The Great Hercules Cluster	18
14	Oph	GC	7.7v	17 37.6	-03 14.8	27.4 kly	11.7'		12
15	Peg	GC	6.0v	21 30	+12 10	32.6 kly	12.3'		13
16	Ser	OC	6.4v	18 18.7	-13 48	7 kly	7.0'	Eagle Nebula	12
17	Sag	BN	7.5v	18 20.7	-16 10	5000 ly	11.0'	Omega Nebula/Swan Nebula	12
18	Sag	OC	7.5v	18 19.9	-17 6	4.9 (?) kly	9.0'		12
19	Oph	GC	6.6v	17 2.6	-26 16.1	27.1 kly	13.5'		18
20	Sag	BN	9.0v	12 2.4	-22 59	5.2 kly	28.0'	Trifid Nebula	16
21	Sag	OC	6.5v	18 4.6	-22 29	4250 ly	13.0'		18
22	Sag	GC	5.9v	18 36.4	-23 54.2	10.1 kly	24.0'		18
23	Sag	OC	6.9v	17 56.9	-19 1	2150 ly	27.0'		12
24	Sag	*C	4.6v	18 16.9	-18 29	10 kly	90'	Milky Way Patch	12
25	Sag	OC	6.5v	18 31.7	-19 14	2 kly	40.0'		12
26	Scu	OC	9.3v	18 45.2	-09 23	5 kly	15.0'		12
27	Vul	PN	7.4v	19 59.6	+22 43.3	1250 ly	8.0'x5.7'	Dumbbell Nebula	18
28	Sag	GC	7.3v	18 24.6	-24 52.2	17.9 kly	11.2'		18
29	Cyg	OC	7.1v	20 23.9	+38 32	4 kly	7.0'		7
30	Cap	GC	8.4v	21 40.4	-23 10.7	24.8 kly	11.0'		19
31	And	GX	4.8v, 4.4b	00 42.7	+41 16.1	2.2 Mly	192.4'x62.2'	Andromeda Galaxy	2
32	And	GX	8.7v, 9.0b	00 42.7	+40 51.9	2.2 Mly	8.7'x6.4'		2
33	Tri	GX	6.7v, 6.3b	01 33.8	+30 39.6	2.3 Mly	65.6'x38.0'	Pinwheel Galaxy	2
34	Per	OC	5.5v	02 42.1	+42 45	1.4 kly	35.0'		2
35	Gem	OC	5.3v	06 9	+24 21	2.8 kly	28.0'		3
36	Aur	OC	6.3v	05 36.3	+34 8.4	4.1 kly	12.0'		3
37	Aur	OC	6.2v	05 52.3	+32 33.2	4.4 kly	24.0'		3
38	Aur	OC	7.4v	05 28.7	+35 51.3	4.2 (?) kly	21.0'		3
39	Cyg	OC	5.2v	21 32.2	+48 27	825 ly	32.0'		7
40	UMj	*2	9.1v	12 22.4	+58 5	300 ly	0.8'		5
41	CMj	OC	4.6v	06 46	-20 45.3	2.3 kly	38.0'		15
42	Ori	BN	4.0v	05 35	-05 25	1.6 kly	85'x60'	Great Orion Nebula	9
43	Ori	BN	9.1v	05 35.5	-05 16.5	1.6 kly	9.1'		9
44	Cnc	OC	3.7v	08 40.4	+19 40	500 ly	95.0'	Praesepe, The Beehive Cluster	10
45	Tau	OC	1.6v	03 47.5	+24 6.3	400 ly	110.0'	The Pleiades	3
46	Pup	OC	6.0v	07 41.8	-14 48.6	5.4 kly	27.0'		9
47	Pup	OC	4.5v	07 36.6	-14 39	1.6 kly	30.0'		9
48	Hyd	OC	5.3v	08 13.7	-05 45	1.5 kly	54.0'		10
49	Vir	GX	8.5v, 9.4b	12 29.8	+07 60	60 Mly	9.3'x7.0'		11
50	Mon	OC	6.3v	07 2.8	-08 23	3 kly	16.0'		9
51	CVn	GX	8.4v, 9.0b	13 29.9	+47 11.8	37 Mly	11'x7'	Whirlpool Galaxy	5
52	Cas	OC	7.3v	23 24.2	+61 35	5.0 kly	13.0'		7
53	Com	GC	7.6v	13 12.9	+18 10.3	56.4 kly	12.6'		11
54	Sag	GC	7.6v	18 55.1	-30 28.7	82.2 kly	9.1'		18
55	Sag	GC	6.3v	19 39.8	-30 57.7	16.6 kly	19'		18
56	Lyr	GC	8.2v	19 16.6	+30 11.1	31.6 kly	7.1'		6
57	Lyr	PN	9.7p	18 53.6	+33 1.8	4.1 kly	86.0" x 63.0"	Ring Nebula	6
58	Vir	GX	9.6v	12 37.7	+11 49.2	60 Mly	5.9'x4.7'		11
59	Vir	GX	10.6b, 9.6v	12 42	+11 38.1	60 Mly	5.3'x3.2'		11
60	Vir	GX	9.8b, 8.9v	12 43.7	+11 33	60 Mly	7.4'x6.0'		11

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M #	Con	Type	Mag	RA: h m	Dec: d m	Distance	Size	Name	Chart
61	Vir	GX	10.2b, 10.1v	12 21.9	+04 28.3	60 Mly	6.5'x5.7'		11
62	Oph	GC	6.6v	17 1.2	-30 6.7	21.5 kly	14.1'		18
63	CVn	GX	9.3b, 9.5v	13 15.8	+42 2.1	37 Mly	10'x6'	Sunflower Galaxy	5
64	Com	GX	8.8v, 9.4b	12 56.7	+21 41.1	12 Mly	10.1'x5.4'	Blackeye Galaxy	5
65	Leo	GX	9.3v, 10.3b	11 18.9	+13 5.6	35 Mly	8'x1.5'	Leo Trio	10
66	Leo	GX	8.2v, 9.7b	11 20.2	+12 59.5	35 Mly	9.1'x4.1'	Leo Trio	10
67	Cnc	OC	6.9v	08 51.4	+11 49	2.7 kly	29.0'		10
68	Hyd	GC	7.3v	12 39.5	-26 44.6	32.3	11.0'		17
69	Sag	GC	7.7v	18 31.4	-32 20.9	25.4 kly	10.0'		18
70	Sag	GC	7.8v	18 43.2	-32 17.5	28.0 kly	8.0'		18
71	Sgt	GC	8.4v	19 53.8	+18 46.7	11.7 kly	7.2'		12
72	Aqu	GC	9.3v	20 53.5	-12 32.2	52.8 kly	6.0'		13
73	Aqu	**	9.0v	20 58.9	-12 38.1	--	2.8'		13
74	Psc	GX	10.2v, 10.0b	01 36.7	+15 47	35 kly	10.5'x9.5'		8
75	Sag	GC	8.6v	20 6.1	-21 55.4	57.7 kly	7.0'		19
76	Per	PN	10.1v, 12.2p	01 42.3	+51 34.5	3.4 kly	2.7'x1.8'	Little Dumbbell Nebula	2
77	Cet	GX	8.9v, 9.6b	02 42.7	-00 0.8	60 Mly	7.1'x6.0'		8
78	Ori	BN	10.3v	05 46.7	+00 3.5	1.6 kly	8'x6'		9
79	Lep	GC	7.7v	05 24.2	-24 31.5	39.8 kly	6.0'		15
80	Sco	GC	7.7v	16 17.1	-22 58.5	27.4 kly	8.9'		18
81	UMj	GX	6.8v, 7.9b	09 55.6	+69 4	11 Mly	27.1'x14.2'	Bode's Galaxy	1
82	UMj	GX	8.4v, 9.3b	09 55.9	+69 41	11 Mly	11.3'x4.2'	The Cigar Galaxy	1
83	Hyd	GX	7.6v, 8.2b	13 37	-29 52.1	15 Mly	12.8'x11.4'		17
84	Vir	GX	10.1b, 9.3v	12 25.1	+12 53.2	60 Mly	6.4'x5.5'		11
85	Com	GX	9.1v	12 25.4	+18 11.4	60 Mly	7.1'x5.5'		11
86	Vir	GX	9.8b, 9.7v	12 26.2	+12 56.8	60 Mly	8.9'x5.7'		11
87	Vir	GX	9.6b, 9.2v	12 30.8	+12 23.4	60 Mly	7.4'x6.0'		11
88	Com	GX	10.4b, 10.2v	12 32	+14 25.3	60 Mly	7.0'x3.7'		11
89	Vir	GX	10.7b, 9.5v	12 35.7	+12 33.4	60 Mly	3.5'x3.5'		11
90	Vir	GX	10.3b, 10.0v	12 36.8	+13 9.8	60 Mly	9.6'x4.3'		11
91	Com	GX	11.0b, 9.5v	12 35.4	+14 29.8	60 Mly	5.4'x4.2'		11
92	Her	GC	6.5v	17 17.1	+43 8.2	26.1 kly	14.0'		6
93	Pup	OC	6.0v	07 44.5	-23 51.2	3.6 kly	22.0'		15
94	CVn	GX	7.9v, 9.0b	12 50.9	+41 7.2	14.5 Mly	14.3'x12.1'		5
95	Leo	GX	10.4v, 10.5b	10 44	+11 42.2	38 Mly	7.5'x5.0'		10
96	Leo	GX	9.1v, 10.1b	10 46.8	+11 49.3	38 Mly	7.6'x5.2'		10
97	UMj	PN	9.9v, 12.0p	11 14.8	+55 1.1	2.6 kly	3.4'x3.3'	Owl Nebula	4
98	Com	GX	11.7v, 11.0b	12 13.8	+14 54	60 Mly	9.8'x2.7'		11
99	Com	GX	10.1v	12 18.8	+14 25	60 Mly	5.4'x4.7'		11
100	Com	GX	10.6v, 10.1b	12 22.9	+15 49.4	60 Mly	7.5'x6.3'		11
101	UMj	GX	9.6v, 8.3b	14 3.2	+54 20.9	24 Mly	28.9'x26.9'		5
102	Dra	GX	10.0v, 10.7b	15 6.5	+55 45.8	40 Mly	6.4'x2.8'		5
103	Cas	OC	7.4v	01 33.4	+60 39.5	8 kly	6.0'		2
104	Vir	GX	8.7v, 9.0b	12 40	-11 37.4	50 Mly	8.8'x3.5'	Sombrero Galaxy	11
105	Leo	GX	9.2v, 10.2b	10 47.8	+12 34.9	38 Mly	5.4'x4.8'		10
106	CVn	GX	8.6v, 9.1b	12 19	+47 19.7	25 Mly	18.8'x7.3'		5
107	Oph	GC	7.8v	16 32.5	-13 3.7	19.6 kly	11.0'		12
108	UMj	GX	10.7v, 10.7b	11 11.5	+55 40.3	45 Mly	8.7'x2.2'		4
109	UMj	GX	10.8v, 10.6b	11 57.6	+53 22.5	55 Mly	7.6'x4.6'		4
110	And	GX	8.9b, 9.4v	00 40.4	+41 41.2	2.2 Mly	21.9'x10.9'		2

### Types

PN - Planetary Nebula  
 OC - Open Cluster  
 BN - Bright Nebula  
 GX - Galaxy  
 GC - Global Cluster