

List of Messier Objects

#	RA <small>YEAR 2000 COORDINATES</small>	Dec	Const.	Object	Mag.	Arc Size	Name
M1	5h 34.5m	+22° 01'	Tau	Supernova Remnant	8	6' x 4'	Crab Nebula
M2	21h 33.5m	-0° 49'	Aqr	Globular Cluster	6.5	13'	
M3	13h 42.2m	+28° 23'	CVn	Globular Cluster	6.2	16'	
M4	16h 23.6m	-26° 32'	Sco	Globular Cluster	5.9	26'	Cat's Eye
M5	15h 18.6m	+2° 05'	Ser	Globular Cluster	5.7	17'	
M6	17h 40.1m	-32° 13'	Sco	Open Cluster	4.2	15'	Butterfly Cluster
M7	17h 53.9m	-34° 49'	Sco	Open Cluster	3.3	80'	
M8	18h 03.8m	-24° 23'	Sgr	Nebula	6	90' x 40'	Lagoon Nebula
M9	17h 19.2m	-18° 31'	Oph	Globular Cluster	7.7	9'	
M10	16h 57.1m	-4° 06'	Oph	Globular Cluster	6.6	15'	
M11	18h 51.1m	-6° 16'	Sct	Open Cluster	5.8	14'	Wild Duck Cluster
M12	16h 47.2m	-1° 57'	Oph	Globular Cluster	6.7	15'	
M13	16h 41.7m	+36° 28'	Her	Globular Cluster	5.8	17'	Great Hercules Cluster
M14	17h 37.6m	-3° 15'	Oph	Globular Cluster	7.6	12'	
M15	21h 30.0m	+12° 10'	Peg	Globular Cluster	6.2	12'	Great Pegasus Cluster
M16	18h 18.8m	-13° 47'	Ser	Nebula/Open Cluster	6	7'	Eagle Nebula
M17	18h 20.8m	-16° 11'	Sgr	Nebula/Open Cluster	7	46' x 37'	Omega Nebula
M18	18h 19.9m	-17° 08'	Sgr	Open Cluster	6.9	9'	Black Swan
M19	17h 02.6m	-26° 16'	Oph	Globular Cluster	6.8	14'	
M20	18h 02.6m	-23° 02'	Sgr	Nebula/Open Cluster	8	28' x 28'	Trifid Nebula
M21	18h 04.6m	-22° 30'	Sgr	Open Cluster	5.9	13'	
M22	18h 36.4m	-23° 54'	Sgr	Globular Cluster	5.1	24'	Great Sagittarius Cluster
M23	17h 56.8m	-19° 01'	Sgr	Open Cluster	5.5	27'	
M24	18h 16.9m	-18° 29'	Sgr	Thick Milky Way Patch	4	90' x 60'	
M25	18h 31.6m	-19° 15'	Sgr	Open Cluster	4.6	32'	
M26	18h 45.2m	-9° 24'	Sct	Open Cluster	8.0	15'	
M27	19h 59.6m	+22° 43'	Vul	Planetary Nebula	8	8' x 4'	Dumbbell Nebula
M28	18h 24.5m	-24° 52'	Sgr	Globular Cluster	6.8	11'	

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M29	20h 23.9m	+38° 32'	Cyg	Open Cluster	6.6	7'	
M30	21h 40.4m	-23° 11'	Cap	Globular Cluster	7.2	11'	
M31	0h 42.7m	+41° 16'	And	Spiral Galaxy	3.5	178' x 63'	Andromeda Galaxy
M32	0h 42.7m	+40° 52'	And	Elliptical Galaxy	8.2	8' x 6'	
M33	1h 33.9m	+30° 39'	Tri	Spiral Galaxy	5.7	62' x 39'	Pinwheel Galaxy
M34	2h 42.0m	+42° 47'	Per	Open Cluster	5.2	35'	
M35	6h 08.9m	+24° 20'	Gem	Open Cluster	5.1	28'	
M36	5h 36.1m	+34° 08'	Aur	Open Cluser	6.0	12'	
M37	5h 52.4m	+32° 33'	Aur	Open Cluster	5.6	24'	
M38	5h 28.7m	+35° 50'	Aur	Open Cluster	6.4	21'	
M39	21h 32.2m	+48° 26'	Cyg	Open Cluster	4.6	32'	
M40	12h 22.4m	+58° 05'	UMa	Double Star	9.6/10.1	1'	
M41	6h 46.0m	-20° 44'	CMa	Open Cluster	4.5	38'	Little Beehive
M42	5h 35.4m	-5° 27'	Ori	Nebula	4	66' x 60'	The Great Orion Nebula
M43	5h 35.6m	-5° 16'	Ori	Nebula	9	20' x 15'	
M44	8h 40.1m	+19° 59'	Cnc	Open Cluster	3.1	95'	Praesepe
M45	3h 47.0m	+24° 07'	Tau	Open Cluster	1.2	110'	Pleiades
M46	7h 41.8m	-14° 49'	Pup	Open Cluster	6.1	27'	
M47	7h 36.6m	-14° 30'	Pup	Open Cluster	4.4	30'	
M48	8h 13.8m	-5° 48'	Hya	Open Cluster	5.8	54'	
M49	12h 29.8m	+8° 00'	Vir	Elliptical Galaxy	8.4	9' x 7'	
M50	7h 02.8m	-8° 23'	Mon	Open Cluster	5.9	16'	
M51	13h 29.9m	+47° 12'	CVn	Spiral Galaxy	8.1	11' x 8'	Whirlpool Galaxy
M52	23h 24.2m	+61° 35'	Cas	Open Cluster	6.9	13'	The Scorpion
M53	13h 12.9m	+18° 10'	Com	Globular Cluster	7.6	13'	
M54	18h 55.1m	-30° 29'	Sgr	Globular Cluster	7.6	9'	
M55	19h 40.0m	-30° 58'	Sgr	Globular Cluster	7.0	19'	The Spectre
M56	19h 16.6m	+30° 11'	Lyr	Globular Cluster	8.3	7'	
M57	18h 53.6m	+33° 02'	Lyr	Planetary Nebula	9	1.3'	Ring Nebula
M58	12h 37.7m	+11° 49'	Vir	Spiral Galaxy	9.8	5' x 4'	
M59	12h 42.0m	+11° 39'	Vir	Elliptical Galaxy	9.8	5' x 3'	
M60	12h 43.7m	+11° 33'	Vir	Elliptical Galaxy	8.8	7' x 6'	

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M61	12h 21.9m	+4° 28'	Vir	Spiral Galaxy	9.7	6' x 5'	Swelling Spiral
M62	17h 01.2m	-30° 07'	Oph	Globular Cluster	6.5	14'	Flickering Globular
M63	13h 15.8m	+42° 02'	CVn	Spiral Galaxy	8.6	12' x 8'	Sunflower Galaxy
M64	12h 56.7m	+21° 41'	Com	Spiral Galaxy	8.5	9' x 5'	Black Eye Galaxy
M65	11h 18.9m	+13° 05'	Leo	Spiral Galaxy	9.3	10' x 3'	King Cobra
M66	11h 20.2m	+12° 59'	Leo	Spiral Galaxy	9.0	9' x 4'	
M67	8h 51.4m	+11° 49'	Cnc	Open Cluster	6.9	30'	
M68	12h 39.5m	-26° 45'	Hya	Globular Cluster	8.2	12'	
M69	18h 31.4m	-32° 21'	Sgr	Globular Cluster	7.6	7'	
M70	18h 43.2m	-32° 18'	Sgr	Globular Cluster	8.1	8'	
M71	19h 53.8m	+18° 47'	Sge	Globular Cluster	8.2	7'	
M72	20h 53.5m	-12° 32'	Aqr	Globular Cluster	9.3	6'	
M73	20h 58.9m	-12° 38'	Aqr	4-Star Asterism	10.5 (Brightest)	1'	The Phantom
M74	1h 36.7m	+15° 47'	Psc	Spiral Galaxy	9.2	10' x 9'	
M75	20h 06.1m	-21° 55'	Sgr	Globular Cluster	8.5	6'	Little Dumbbell
M76	1h 42.4m	+51° 34'	Per	Planetary Nebula	11	2' x 1'	
M77	2h 42.7m	-0° 01'	Cet	Spiral Galaxy	8.8	7' x 6'	
M78	5h 46.7m	+0° 03'	Ori	Nebula	8	8' x 6'	
M79	5h 24.5m	-24° 33'	Lep	Globular Cluster	7.7	9'	
M80	16h 17.0m	-22° 59'	Sco	Globular Cluster	7.3	9'	
M81	9h 55.6m	+69° 04'	UMa	Spiral Galaxy	6.8	26' x 14'	Cigar Galaxy
M82	9h 55.8m	+69° 41'	UMa	Irregular Galaxy	8.4	11' x 5'	
M83	13h 37.0m	-29° 52'	Hya	Spiral Galaxy	8	11' x 10'	
M84	12h 25.1m	+12° 53'	Vir	Elliptical Galaxy	9.3	5' x 4'	
M85	12h 25.4m	+18° 11'	Com	Elliptical Galaxy	9.2	7' x 5'	Virgo A
M86	12h 26.2m	+12° 57'	Vir	Elliptical Galaxy	9.2	7' x 5'	
M87	12h 30.8m	+12° 24'	Vir	Elliptical Galaxy	8.6	7'	
M88	12h 32.0m	+14° 25'	Com	Spiral Galaxy	9.5	7' x 4'	
M89	12h 35.7m	+12° 33'	Vir	Elliptical Galaxy	9.8	4'	
M90	12h 36.8m	+13° 10'	Vir	Spiral Galaxy	9.5	10' x 5'	
M91	12h 35.4m	+14° 30'	Com	Spiral Galaxy	10.2	5' x 4'	
M92	17h 17.1m	+43° 08'	Her	Globular Cluster	6.4	11'	

#	RA <small>YEAR 2000 COORDINATES</small>	Dec	Const.	Object	Mag.	Arc Size	Name
M93	7h 44.6m	-23° 52'	Pup	Open Cluster	6	22'	Croc's Eye
M94	12h 50.9m	+41° 07'	CVn	Spiral Galaxy	8.1	11' x 9'	
M95	10h 44.0m	+11° 42'	Leo	Spiral Galaxy	9.7	7' x 5'	
M96	10h 46.8m	+11° 49'	Leo	Spiral Galaxy	9.2	7' x 5'	
M97	11h 14.8m	+55° 01'	UMa	Planetary Nebula	11	3'	Owl Nebula
M98	12h 13.8m	+14° 54'	Com	Spiral Galaxy	10.1	10' x 3'	The Mirror
M99	12h 18.8m	+14° 25'	Com	Spiral Galaxy	9.8	5'	
M100	12h 22.9m	+15° 49'	Com	Spiral Galaxy	9.4	7' x 6'	
M101	14h 03.2m	+54° 21'	UMa	Spiral Galaxy	7.7	27' x 26'	
M102	15h 06.5m	+55° 46'	Dra	Elliptical Galaxy	9.9	6' x 3'	Méchain's Lost Galaxy
M103	1h 33.2m	+60° 42'	Cas	Open Cluster	7	6'	Sombrero Galaxy
M104	12h 40.0m	-11° 37'	Vir	Spiral Galaxy	8.3	9' x 4'	
M105	10h 47.8m	+12° 35'	Leo	Elliptical Galaxy	9.3	5' x 4'	
M106	12h 19.0m	+47° 18'	CVn	Spiral Galaxy	8.3	18' x 8'	
M107	16h 32.5m	-13° 03'	Oph	Globular Cluster	8.1	10'	West Part of Double Cluster
M108	11h 11.5m	+55° 40'	UMa	Spiral Galaxy	10.0	8' x 2'	
M109	11h 57.6m	+53° 23'	UMa	Spiral Galaxy	9.8	8' x 5'	
M110	0h 40.4m	+41° 41'	And	Elliptical Galaxy	8.0	17' x 10'	
M111	2h 19.0m	+57° 09'	Per	Open Cluster	4.5	30'	East Part of Double Cluster
M112	2h 22.4m	+57° 07'	Per	Open Cluster	4.5	30'	

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