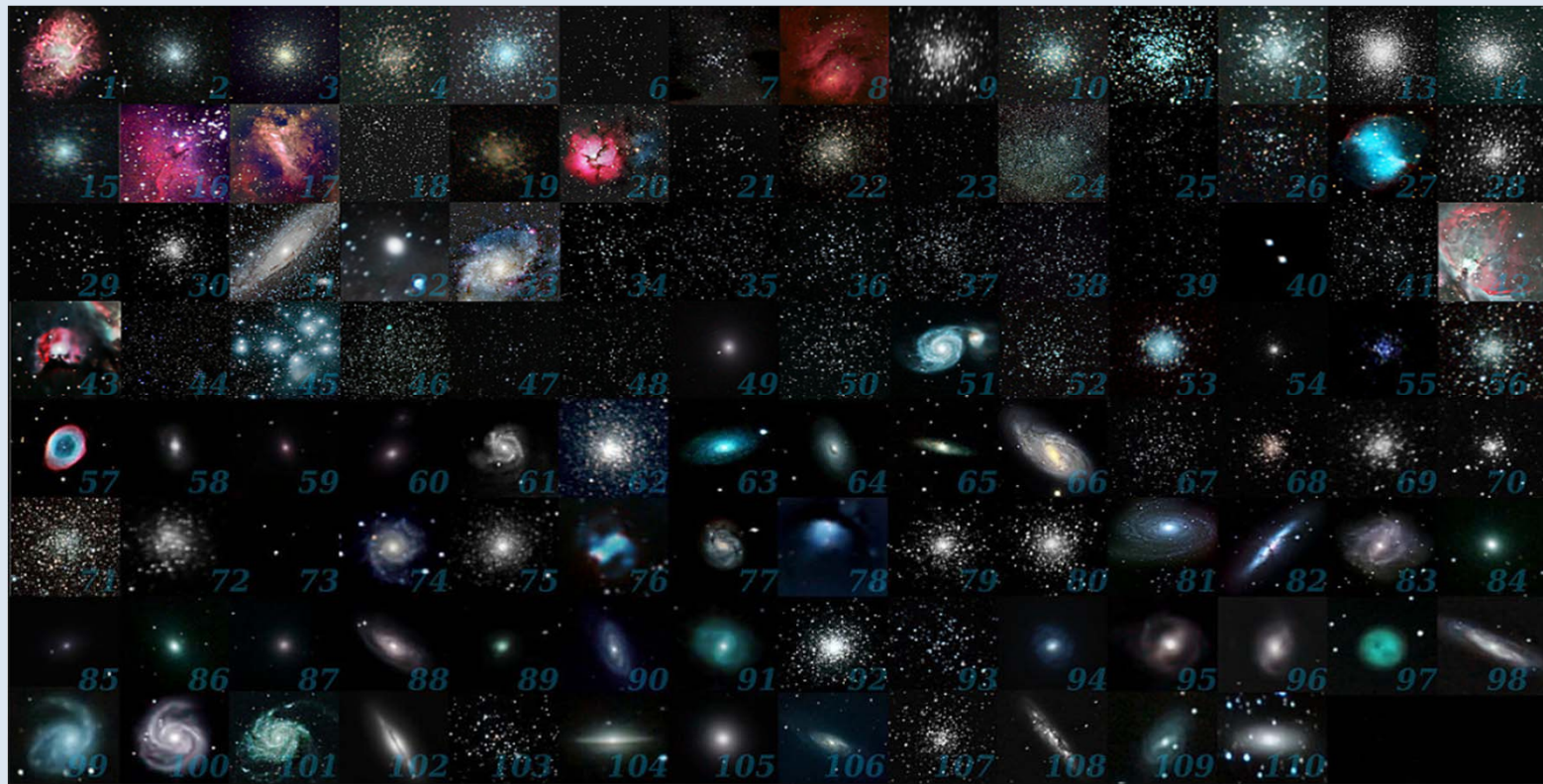


MESSIER CATALOGUE



Messier#	Common Name	Type	Constellation	Magnitude	RA	Dec
M1	Crab Nebula, NGC 1952	Nebula	Taurus	8.4	05:34:32	22:00:52
M2	NGC 7089	Globular Cluster	Aquarius	6.6	21:33:27	-00:49:22
M3	NGC 5272	Globular Cluster	Canes Venatici	6.3	13:42:11	28:22:34
M4	NGC 6121	Globular Cluster	Scorpius	5.4	16:23:35	-26:31:29
M5	NGC 5904	Globular Cluster	Serpens	5.7	15:18:34	02:05:00
M6	Butterfly Cluster, NGC 6405	Open Cluster	Scorpius	4.2	17:40:20	-32:15:30
M7	Ptolemy's Cluster, NGC 6475	Open Cluster	Scorpius	3.3	17:53:50	-34:47:36
M8	Lagoon Nebula, NGC 6533, NGC 6523	Nebula	Sagittarius	5.8	18:03:42	-24:22:48
M9	NGC 6333	Globular Cluster	Ophiuchus	7.8	17:19:12	-18:30:57
M10	NGC 6254	Globular Cluster	Ophiuchus	6.6	16:57:09	-04:05:56
M11	Wild Duck Cluster, NGC 6705	Open Cluster	Scutum	5.8	18:51:05	-06:16:12
M12	NGC 6218	Globular Cluster	Ophiuchus	6.1	16:47:15	-01:56:50
M13	Great Hercules Cluster, NGC 6205	Globular Cluster	Hercules	5.8	16:41:42	36:27:39
M14	NGC 6402	Globular Cluster	Ophiuchus	7.6	17:37:36	-03:14:43
M15	Pegasus Cluster, NGC 7078	Globular Cluster	Pegasus	6.3	21:29:58	12:10:03
M16	Eagle Nebula, Star Queen Nebula, NGC 6611	Cluster Nebulosity	Serpens	6.0	18:18:45	-13:47:54
M17	Omega Nebula, Swan Nebula, NGC 6618	Cluster Nebulosity	Sagittarius	6.0	18:20:47	-16:10:18
M18	NGC 6613	Open Cluster	Sagittarius	6.9	18:19:58	-17:06:06
M19	NGC 6273	Globular Cluster	Ophiuchus	6.8	17:02:38	-26:16:03
M20	Trifid Nebula, NGC 6514	Cluster Nebulosity	Sagittarius	8.5	18:03:26	-22:59:27
M21	NGC 6531	Open Cluster	Sagittarius	5.9	18:04:13	-22:30:00
M22	Sagittarius Cluster, NGC 6656	Globular Cluster	Sagittarius	5.2	18:36:24	-23:54:10
M23	NGC 6494	Open Cluster	Sagittarius	5.5	17:56:56	-19:00:42
M24	Sagittarius Star Cloud, IC 4715	Cluster Nebulosity	Sagittarius	-	18:18:48	-18:33:00
M25	IC 4725	Open Cluster	Sagittarius	4.6	18:31:45	-19:07:12
M26	NGC 6694	Open Cluster	Scutum	8.0	18:45:15	-09:23:06
M27	Dumbbell Nebula, NGC 6853	Planetary Nebula	Vulpecula	7.4	19:59:36	22:43:18
M28	NGC 6626	Globular Cluster	Sagittarius	6.9	18:24:33	-24:52:10
M29	NGC 6913	Open Cluster	Cygnus	6.6	20:24:06	38:29:36
M30	NGC 7099	Globular Cluster	Capricornus	6.9	21:40:22	-23:10:43
M31	Andromeda Galaxy, NGC 224	Galaxy	Andromeda	3.4	00:42:44	41:16:08
M32	NGC 221	Galaxy	Andromeda	8.1	00:42:42	40:51:57
M33	Triangulum Galaxy, NGC 598	Galaxy	Triangulum	5.7	01:33:52	30:39:29
M34	NGC 1039	Open Cluster	Perseus	5.2	02:42:05	42:45:42
M35	NGC 2168	Open Cluster	Gemini	5.1	06:09:00	24:21:00
M36	NGC 1960	Open Cluster	Auriga	6.0	05:36:18	34:08:27
M37	NGC 2099	Open Cluster	Auriga	5.6	05:52:18	32:33:11
M38	NGC 1912	Open Cluster	Auriga	6.4	05:28:43	35:51:18
M39	NGC 7092	Open Cluster	Cygnus	4.6	21:31:52	48:25:30
M40	Winnecke 4	Double Star	Ursa Major	9	12:21:53	58:05:59
M41	NGC 2287	Open Cluster	Canis Major	4.5	06:46:00	-20:45:24
M42	Orion Nebula, NGC 1976	Nebula	Orion	4.0	05:35:17	-05:23:25
M43	De Mairan's Nebula, NGC 1982	Nebula	Orion	6.8	05:35:31	-05:16:03
M44	Praesepe, Beehive Cluster, NGC 2632	Open Cluster	Cancer	3.1	08:40:24	19:40:12
M45	Pleiades	Nebula	Taurus	1.2	03:46:59	24:07:00
M46	NGC 2437	Open Cluster	Puppis	6.1	07:41:47	-14:48:36
M47	NGC 2478, NGC 2422	Open Cluster	Puppis	4.4	07:36:35	-14:28:47
M48	NGC 2548	Open Cluster	Hydra	5.8	08:13:43	-05:45:02
M49	NGC 4472	Galaxy	Virgo	8.4	12:29:47	08:00:00
M50	NGC 2323	Open Cluster	Monoceros	5.9	07:02:48	-08:22:33
M51	Whirlpool Galaxy, NGC 5194	Galaxy	Canes Venatici	8.4	13:29:53	47:11:44
M52	NGC 7654	Open Cluster	Cassiopeia	6.9	23:24:48	61:36:00
M53	NGC 5024	Globular Cluster	Coma Berenices	7.7	13:12:55	18:10:11
M54	NGC 6715	Globular Cluster	Sagittarius	7.7	18:55:03	-30:28:40
M55	NGC 6809	Globular Cluster	Sagittarius	6.3	19:39:59	-30:57:42
M56	NGC 6779	Globular Cluster	Lyra	8.4	19:16:35	30:11:07
M57	Ring Nebula, NGC 6720	Planetary Nebula	Lyra	8.8	18:53:35	33:01:47
M58	NGC 4579	Galaxy	Virgo	9.7	12:37:44	11:49:06
M59	NGC 4621	Galaxy	Virgo	9.6	12:42:02	11:38:50
M60	NGC 4649	Galaxy	Virgo	8.8	12:43:40	11:33:11
M61	NGC 4303	Galaxy	Virgo	9.7	12:21:55	04:28:22
M62	NGC 6266	Globular Cluster	Ophiuchus	6.4	17:01:13	-30:06:42
M63	Sunflower Galaxy, NGC 5055	Galaxy	Canes Venatici	8.6	13:15:49	42:01:59
M64	Black Eye Galaxy, NGC 4826	Galaxy	Coma Berenices	8.5	12:56:44	21:40:59
M65	NGC 3623	Galaxy	Leo Major	9.3	11:18:56	13:05:27
M66	NGC 3627	Galaxy	Leo Major	8.9	11:20:15	12:59:24
M67	NGC 2682	Open Cluster	Cancer	6.9	08:51:18	11:49:00
M68	NGC 4590	Globular Cluster	Hydra	7.3	12:39:28	-26:44:32
M69	NGC 6637	Globular Cluster	Sagittarius	8.3	18:31:23	-32:20:51
M70	NGC 6681	Globular Cluster	Sagittarius	7.8	18:43:13	-32:17:29
M71	NGC 6838	Globular Cluster	Sagitta	8.4	19:53:46	18:46:44
M72	NGC 6981	Globular Cluster	Aquarius	9.2	20:53:28	-12:32:11
M73	NGC 6994	Open Cluster	Aquarius	8.9	20:58:56	-12:38:00
M74	NGC 628	Galaxy	Pisces	9.4	01:36:42	15:47:00

Messier#	Common Name	Type	Constellation	Magnitude	RA	Dec
M75	NGC 6864	Globular Cluster	Sagittarius	8.6	20:06:05	-21:55:15
M76	Little Dumbbell Nebula, NGC 650, NGC 651	Planetary Nebula	Perseus	10.1	01:42:22	51:34:50
M77	NGC 1068	Galaxy	Cetus	8.9	02:42:41	-00:00:46
M78	NGC 2068	Nebula	Orion	8.0	05:46:45	00:04:48
M79	NGC 1904	Globular Cluster	Lepus	7.7	05:24:11	-24:31:25
M80	NGC 6093	Globular Cluster	Scorpius	7.3	16:17:02	-22:58:28
M81	Bode's Galaxy, NGC 3031	Galaxy	Ursa Major	6.9	09:55:34	69:04:02
M82	Cigar Galaxy, NGC 3034	Galaxy	Ursa Major	8.4	09:55:54	69:40:59
M83	Southern Pinwheel Galaxy, NGC 5236	Galaxy	Hydra	7.5	13:37:00	-29:52:02
M84	Markarian Chain, NGC 4374	Galaxy	Virgo	9.1	12:25:03	12:53:13
M85	NGC 4382	Galaxy	Coma Berenices	9.1	12:25:24	18:11:27
M86	Markarian Chain, NGC 4406	Galaxy	Virgo	8.9	12:26:11	12:56:47
M87	Virgo A, NGC 4486	Galaxy	Virgo	8.6	12:30:49	12:23:26
M88	NGC 4501	Galaxy	Coma Berenices	9.6	12:31:59	14:25:11
M89	NGC 4552	Galaxy	Virgo	9.8	12:35:40	12:33:22
M90	NGC 4569	Galaxy	vorg	9.5	12:36:50	13:09:50
M91	NGC 4548	Galaxy	Coma Berenices	10.2	12:35:26	14:29:47
M92	NGC 6341	Globular Cluster	Hercules	6.5	17:17:07	43:08:13
M93	NGC 2447	Open Cluster	Puppis	6.2	07:44:30	-23:51:24
M94	NGC 4736	Galaxy	Canes Venatici	8.2	12:50:53	41:07:17
M95	NGC 3351	Galaxy	Leo Major	9.7	10:43:58	11:42:12
M96	NGC 3368	Galaxy	Leo Major	9.3	10:46:46	11:49:12
M97	Owl Nebula, NGC 3587	Planetary Nebula	Ursa Major	9.9	11:14:47	55:01:09
M98	NGC 4192	Galaxy	Coma Berenices	10.1	12:13:48	14:53:58
M99	NGC 4524	Galaxy	Coma Berenices	9.9	12:18:49	14:25:03
M100	NGC 4321	Galaxy	Coma Berenices	9.4	12:22:55	15:49:22
M101	Pinwheel Galaxy, NGC 5457	Galaxy	Ursa Major	7.9	14:03:12	54:20:58
M102	Spindle Galaxy, NGC 5866	Galaxy	Draco	9.9	15:06:29	55:45:49
M103	NGC 581	Open Cluster	Cassiopeia	7.4	01:33:23	60:39:30
M104	Sombrero Galaxy, NGC 4594	Galaxy	Virgo	8.0	12:39:59	-11:37:21
M105	NGC 3379	Galaxy	Leo Major	9.3	10:47:49	12:34:52
M106	NGC 4258	Galaxy	Canes Venatici	8.4	12:18:58	47:18:25
M107	NGC 6171	Globular Cluster	Ophiuchus	7.8	16:32:32	-13:03:11
M108	NGC 3556	Galaxy	Ursa Major	10.0	11:11:29	55:40:22
M109	NGC 3992	Galaxy	Ursa Major	9.8	11:57:35	53:22:25
M110	NGC 205	Galaxy	Andromeda	8.1	00:40:22	41:41:07