

THE MESSIER LIST

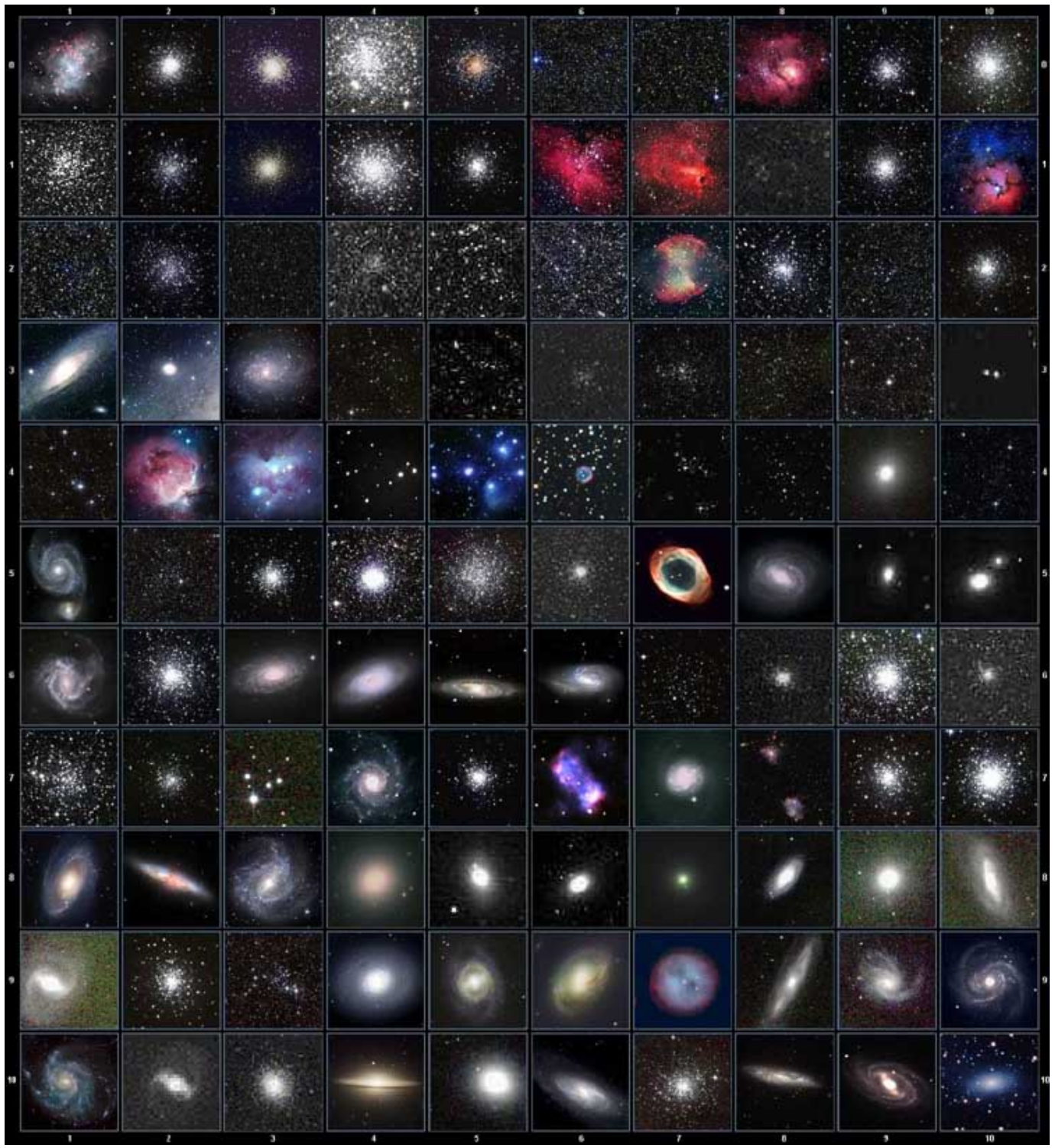





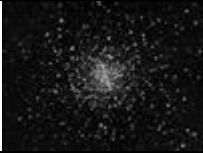




Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M1		1952		Supernova	Taurus.	8.4	05:34:32	+22:00:52	4	6	Crab Nebula
	M2		7089		Globular Cluster	Aquarius	6.6	21:33:27	-00:49:22		16	None
	M3		5272		Globular Cluster	Canes Venatici	6.3	13:42:11	+28:22:34		18	None
	M4		6121		Globular Cluster	Scorpius	5.4	16:23:35	-26:31:29		36	None
	M5		5904		Globular Cluster	Serpens Caput	5.7	15:18:34	+02:05:00		23	None
	M6		6405		Open Cluster	Scorpius	4.2	17:40:20	-32:15:30		33	Butterfly Cluster
	M7		6475		Open Cluster	Scorpius	3.3	17:53:50	-34:47:36		75	Ptolemy Cluster
	M8		6523		Nebulae	Sagittarius	4.6	18:03:42	-24:22:48	40	90	Lagoon Nebula









Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M9		6333		Globular Cluster	Ophiuchus	7.8	17:19:12	-18:30:57		12	None
	M10		6254		Globular Cluster	Ophiuchus	6.6	16:57:09	-04:05:56		20	None
	M11		6705		Open Cluster	Scutum	5.8	18:51:05	-06:16:12		11	Wild Duck Cluster
	M12		6218		Globular Cluster	Ophiuchus	6.1	16:47:15	-01:56:50		16	None
	M13		6205		Globular Cluster	Hercules	5.8	16:41:42	+36:27:39		20	Great Hercules Cluster
	M14		6402		Globular Cluster	Ophiuchus	7.6	17:37:36	-03:14:43		11	None
	M15		7078		Globular Cluster	Pegasus	6.3	21:29:58	+12:10:03		18	None
	M16		6611		Nebulae	Serpens Cauda	6	18:18:45	-13:47:54		8	Eagle Nebula

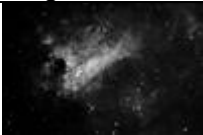


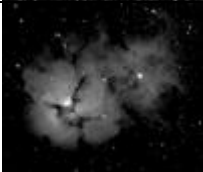




Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M17		6618		Nebulae	Sagittarius	6	18:20:47	-16:10:18	15	20	Omega (Swan) Nebula
	M18		6613		Open Cluster	Sagittarius	6.9	18:19:58	-17:06:06		7	None
	M19		6273		Globular Cluster	Ophiuchus	6.8	17:02:38	-26:16:03		17	None
	M20		6514		Nebulae	Sagittarius	6.3	18:02:42	-22:58:18	20	20	Trifid Nebula
	M21		6531		Open Cluster	Sagittarius	5.9	18:04:13	-22:30:00		16	None
	M22		6656		Globular Cluster	Sagittarius	5.2	18:36:24	-23:54:10		32	None
	M23		6494		Open Cluster	Sagittarius	5.5	17:56:56	-19:00:42		25	None
	M24		6603		Star Field	Sagittarius	4.6	18:18:24	-18:24:24	120	60	Small Sagittarius Star Cloud

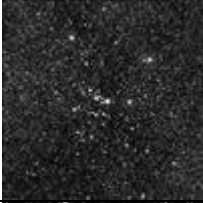
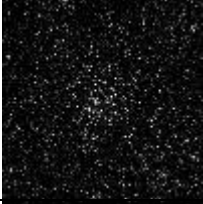
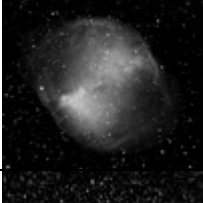
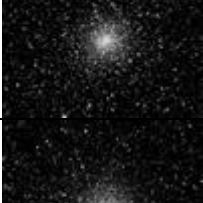

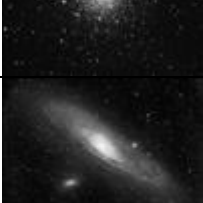

Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M25			4725	Open Cluster	Sagittarius	4.6	18:31:45	-19:07:12		32	None
	M26		6694		Open Cluster	Scutum	8	18:45:15	-09:23:06		10	None
	M27		6853		Planetary Nebula	Vulpecula	7.4	19:59:36	+22:43:18		6.7	Dumbbell Nebula
	M28		6626		Globular Cluster	Sagittarius	6.9	18:24:33	-24:52:10		13.8	None
	M29		6913		Open Cluster	Cygnus	6.6	20:24:06	+38:29:36		10	None
	M30		7099		Globular Cluster	Capricornus	6.9	21:40:22	-23:10:43		12	None
	M31		224		Galaxy.	Andromeda	3.5	00:42:44	+41:16:08	61.7	189.1	Great Andromeda Spiral


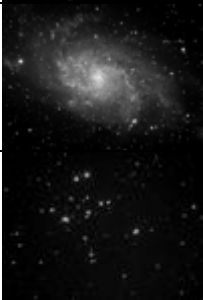
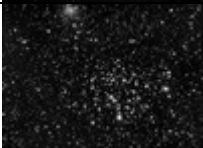

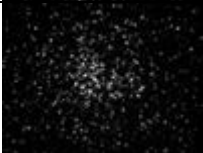



Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M32		221		Galaxy.	Andromeda	8.1	00:42:42	+40:51:57	6.5	8.5	None
	M33	H V-17.	598		Galaxy.	Triangulum.	5.5	01:33:52	+30:39:29	41.6	68.7	Pinwheel Galaxy
	M34		1039		Open Cluster	Perseus	5.2	02:42:05	+42:45:42		25	None
	M35		2168		Open Cluster	Gemini	5.1	06:09:00	+24:21:00		25	None
	M36		1960		Open Cluster	Auriga	6	05:36:18	+34:08:27		10	None
	M37		2099		Open Cluster	Auriga	5.6	05:52:18	+32:33:11		15	None
	M38		1912		Open Cluster	Auriga	6.4	05:28:43	+35:51:18		15	None
	M39		7092		Open Cluster	Cygnus	4.6	21:31:52	+48:25:30		31	None


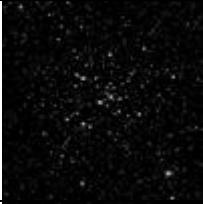


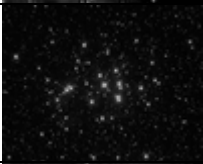


Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M40				Double Star	Ursa Major	4.5	06:46:00	-20:45:24		39	None
	M41		2287		Open Cluster	Canis Major	4.5	06:46:00	-20:45:24		39	None
	M42		1976		Nebulae	Orion	3.7	05:35:17	-05:23:25	60	65	Great Orion Nebula
	M43		1982		Nebulae	Orion	9	05:35:31	-05:16:03	15	20	De Mairan's Nebula
	M44		2632		Open Cluster	Cancer	3.1	08:40:24	+19:40:12		70	Beehive Cluster
	M45		1432		Open Cluster	Taurus.	1.5	03:45:50	+24:22:06	120	120	Pleiades Cluster
	M46		2437		Open Cluster	Puppis	6.1	07:41:47	-14:48:36		20	None

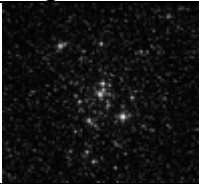



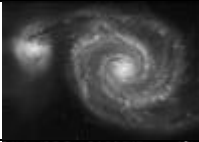
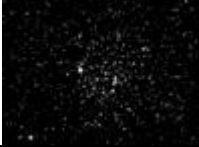


Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M47	H VIII-38.	2422		Open Cluster	Puppis	4.4	07:36:35	-14:28:47		25	None
	M48	H VI-22.	2548		Open Cluster	Hydra	5.8	08:13:43	-05:45:02		30	None
	M49		4472		Galaxy.	Virgo	8.3	12:29:47	+08:00:00	8.3	10.2	None
	M50		2323		Open Cluster	Monoceros	5.9	07:02:48	-08:22:33		15	None
	M51		5194		Galaxy.	Canes Venatici	8.1	13:29:53	+47:11:44	6.9	11.2	Whirlpool Galaxy
	M52		7654		Open Cluster	Cassiopeia	6.9	23:24:48	+61:36:00		16	None
	M53		5024		Globular Cluster	Coma Berenices	7.7	13:12:55	+18:10:11		13	None
	M54		6715		Globular Cluster	Sagittarius	7.7	18:55:03	-30:28:40		12	None








Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M55		6809		Globular Cluster	Sagittarius	6.3	19:39:59	-30:57:42		19	None
	M56		6779		Globular Cluster	Lyra	8.4	19:16:35	+30:11:07		8.8	None
	M57		6720		Planetary Nebula	Lyra	8.8	18:53:35	+33:01:47	2.4	3	Ring Nebula
	M58		4579		Galaxy.	Virgo	9.6	12:37:44	+11:49:06	4.8	6	None
	M59		4621		Galaxy.	Virgo	9.7	12:42:02	+11:38:50	3.7	5.4	None
	M60		4649		Galaxy.	Virgo	8.8	12:43:40	+11:33:11	6.2	7.6	None
	M61	H I-139.	4303		Galaxy.	Virgo	9.3	12:21:55	+04:28:22	5.9	6.5	None








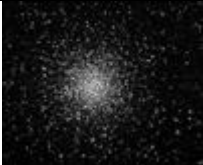
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	M62		6266		Globular Cluster	Ophiuchus	6.4	17:01:13	-30:06:42		15	None
	M63		5055		Galaxy.	Canes Venatici	8.5	13:15:49	+42:01:59	7.2	12.6	Sunflower Galaxy
	M64		4826		Galaxy.	Coma Berenices	8.5	12:56:44	+21:40:59	5.4	10	Black Eye Galaxy
	M65		3623		Galaxy.	Leo Major	9.2	11:18:56	+13:05:27	2.9	9.8	None
	M66		3627		Galaxy.	Leo Major	8.9	11:20:15	+12:59:24	4.1	9.1	None
	M67		2682		Open Cluster	Cancer	6.9	08:51:18	+11:49:0		25	King Cobra Cluster
	M68		4590		Globular Cluster	Hydra	7.3	12:39:28	-26:44:32		11	None
	M69		6637		Globular Cluster	Ophiuchus	8.3	18:31:23	-32:20:51		7.1	None


Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M70		6681		Globular Cluster	Sagittarius	7.8	18:43:13	-32:17:29		8	None
	M71		6838		Globular Cluster	Sagitta	8.4	19:53:46	+18:46:44		7.2	None
	M72		6981		Globular Cluster	Aquarius	9.2	20:53:28	-12:32:11		6.6	None
	M73		6994		Star Field	Aquarius	8.9	20:58:56	-12:38:00		1.4	None
	M74		628		Galaxy.	Pisces	9.1	01:36:42	+15:47:00	9.5	10.5	Phantom Galaxy
	M75		6864		Globular Cluster	Sagittarius	8.6	20:06:05	-21:55:15		6.8	None
	M76	H I-193.	651		Planetary Nebula	Perseus	10.1	01:42:22	+51:34:50		1.1	Little Dumbbell Nebula

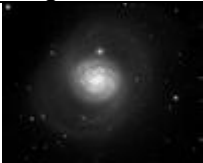







Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M77		1068		Galaxy.	Cetus	8.9	02:42:41	-00:00:46	6	7.1	None
	M78		2068		Nebulae	Orion	8	05:46:45	+00:04:48	6	8	None
	M79		1904		Globular Cluster	Lepus	7.7	05:24:11	-24:31:25		9.6	None
	M80		6093		Globular Cluster	Sagittarius	7.3	16:17:02	-22:58:28		10	None
	M81		3031		Galaxy.	Ursa Major	7	09:55:34	+69:04:02	11.5	24.9	Bode's Galaxy
	M82	H IV-79.	3034		Galaxy.	Ursa Major	8.6	09:55:54	+69:40:59	4.3	11.2	Cigar Galaxy
	M83		5236		Galaxy.	Cetus	7.5	13:37:00	-29:52:02	11.5	12.9	Southern Pinwheel Galaxy
	M84		4374		Galaxy.	Virgo	9.2	12:25:04	+12:53:13	5.6	6.5	None









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	M85		4382		Galaxy.	Coma Berenices	9.1	12:25:24	+18:11:27	5.5	7.1	None
	M86		4406		Galaxy.	Virgo	8.9	12:26:11	+12:56:47	5.8	8.9	None
	M87		4486		Galaxy.	Virgo	8.6	12:30:49	+12:23:26	6.6	8.3	None
	M88		4501		Galaxy.	Coma Berenices	9.4	12:31:59	+14:25:11	3.7	6.8	None
	M89		4552		Galaxy.	Virgo	9.9	12:35:40	+12:33:22	3.5	3.5	None
	M90		4569		Galaxy.	Virgo	9.4	12:36:50	+13:09:50	4.4	9.5	None
	M91	H II-120.	4548		Galaxy.	Coma Berenices	10.1	12:35:26	+14:29:47	4.2	5.2	None
	M92		6341		Globular Cluster	Hercules	6.5	17:17:07	+43:08:13		14	None

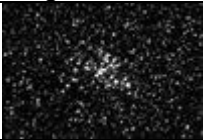







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	M93		2447		Open Cluster	Puppis	6.2	07:44:30	-23:51:24		10	None
	M94		4736		Galaxy.	Canes Venatici	8.1	12:50:53	+41:7:17	12.1	14.4	None
	M95		3351		Galaxy.	Leo Major	9.8	10:43:58	+11:42:12	5	7.4	None
	M96		3368		Galaxy.	Leo Major	9.3	10:46:46	+11:49:12	5.2	7.8	None
	M97		3587		Planetary Nebula	Ursa Major	9.9	11:14:48	+55:01:10		2.8	Owl Nebula
	M98		4192		Galaxy.	Coma Berenices	10.1	12:13:48	+14:53:58	2.8	9.8	None
	M99		4254		Galaxy.	Coma Berenices	9.7	12:18:49	+14:25:03	4.6	5.3	None
	M100		4321		Galaxy.	Coma Berenices	9.3	12:22:55	+15:49:22	6.1	7.5	None

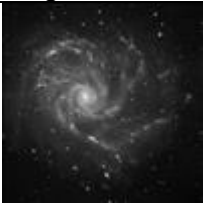









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	M101		5457		Galaxy.	Ursa Major	7.5	14:03:12	+54:20:58	26.9	28.8	None
	M102		5866		Galaxy.	Draco	10.7	15:06:29	+55:45:49	4.7	1.9	None
	M103		581		Open Cluster	Cassiopeia	7.4	01:33:23	+60:39:30		6	None
	M104	H I-43.	4594		Galaxy.	Virgo	8.3	12:39:59	-11:37:21	4.2	8.6	Sombrero Hat Galaxy
	M105	H I-17.	3379		Galaxy.	Leo Major	9.5	10:47:49	+12:34:52	4.8	5.3	None
	M106	H V-43.	4258		Galaxy.	Canes Venatici	8.3	12:18:58	+47:18:25	7.2	18.6	None
	M107	HVI-40.	6171		Globular Cluster	Ophiuchus	7.8	16:32:32	-13:03:11		13	None

Image	Messier	Herschel	NGC	IC	Type	Const.	Mag	RA (h:m:s)	Dec (d:m:s)	Size (h)'	Size (w)'	Common Name
	M108	H V-46.	3556		Galaxy.	Ursa Major	9.9	11:11:29	+55:40:22	2.4	8.6	None
	M109	H IV-61.	3992		Galaxy.	Ursa Major	9.8	11:57:35	+53:22:25	4.4	7.5	None
	M110	H V-18.	205		Galaxy.	Andromeda	7.9	00:40:22	+41:41:07	11.5	19.5	None