

Catálogo Messier

M	Otro	Tipo	CON	R.A.	DEC.	MAG	SUBR	Clase	NSTS	BRSTR	NOTAS
M 1	NGC 1952	SNREM	TAU	05 34.5	+22 01	08.4	11.0				Crab Nebula; Rosse saw filaments; cent pulsar 16 mag; 3C144
M 2	NGC 7089	GLOCL	AQR	21 33.5	-00 49	06.5	11.0	II			Lord Rosse-Dark area near core; * mags 13...
M 3	NGC 5272	GLOCL	CVN	13 42.2	+28 23	06.4	11.0	VI			Lord Rosse-sev dark marks within 5' of center
M 4	NGC 6121	GLOCL	SCO	16 23.6	-26 32	05.9	12.0	IX			Look for central bar structure
M 5	NGC 5904	GLOCL	SER	15 18.6	+02 05	05.8	11.0	V			st mags 11...; superb cluster
M 6	NGC 6405	OPNCL	SCO	17 40.3	-32 15	04.2	10.0	III 2 p	80	6.2	Butterfly cluster; 51 members to 10.5 mag incl var* BM Sco
M 7	NGC 6475	OPNCL	SCO	17 53.9	-34 48	03.3	12.0	II 2 r	80	5.6	80 members to 10th mag; Fine naked eye cluster
M 8	NGC 6523	CL+NB	SGR	18 03.7	-24 23	05.0	13.0	E			Lagoon Nebula; Cl NGC 6530 invl; dark lane crosses neb
M 9	NGC 6333	GLOCL	OPH	17 19.2	-18 31	07.9	11.0	VIII			Dark neb B64 prominent to west
M 10	NGC 6254	GLOCL	OPH	16 57.1	-04 06	06.6	12.0	VII			Lord Rosse reported dark lane in cluster
M 11	NGC 6705	OPNCL	SCT	18 51.1	-06 16	05.8	09.0	I 2 r	500	8	500 stars to 14th mag; Wild duck cluster
M 12	NGC 6218	GLOCL	OPH	16 47.2	-01 57	06.6	12.0	IX			Somewhat loose structure
M 13	NGC 6205	GLOCL	HER	16 41.7	+36 28	05.9	12.0	V			Hercules cluster; Messier said round nebula contains no star
M 14	NGC 6402	GLOCL	OPH	17 37.6	-03 15	07.6	12.0	VIII			Many vF stars 14...
M 15	NGC 7078	GLOCL	PEG	21 30.0	+12 10	06.4	11.0	IV			Stars mags 13...
M 16	NGC 6611	CL+NB	SER	18 18.8	-13 47	06.0	12.0	II 3 m n: a	60	11	In Ser OB1; Star Queen or Eagle Nebula; stars mags 8...
M 17	NGC 6618	CL+NB	SGR	18 20.8	-16 11	06.0	13.0	III 3 m n:	40	9.3	Omega nebula; Swan Nebula; many F outer loops; use filter
M 18	NGC 6613	OPNCL	SGR	18 19.9	-17 08	06.9	12.0	II 3 p n	20	8.6	12 * mag 9-10; 1 deg S of M17
M 19	NGC 6273	GLOCL	OPH	17 02.6	-26 16	07.2	11.0	VIII			One of the most oblate globulars
M 20	NGC 6514	CL+NB	SGR	18 02.7	-22 58	06.3	13.0	E+*	67	6	Trifid nebula; sev dark lanes; H IV 41 & V 10; D* HN 40 invl
M 21	NGC 6531	OPNCL	SGR	18 04.2	-22 29	05.9	11.0	I 3 m	70	7.3	In Sgr OB1; 36 members to 12th mag
M 22	NGC 6656	GLOCL	SGR	18 36.4	-23 54	05.1	11.0	VII			Stars mags 11...; one of finest globs
M 23	NGC 6494	OPNCL	SGR	17 57.1	-18 59	05.5	13.0	III 1 m	150	9.2	100 members to 13th mag
M 24	IC 4715	OPNCL	SGR	18 26.6	-18 23	03.1	04.3				Small Sagittarius Star Cloud; sev dark neb and NGC 6603 invl
M 25	IC 4725	OPNCL	SGR	18 31.8	-19 07	04.6	12.0	I 2 p	30	6.7	Contains U Sgr; Stars mags 6...10
M 26	NGC 6694	OPNCL	SCT	18 45.2	-09 24	08.0	12.0	I 1 m	30	10.3	Finderscope will show why Messier included it; 70 * to 14 m
M 27	NGC 6853	PLNNB	VUL	19 59.6	+22 43	07.3	11.2	3(2)		14.1	PK60-3.1; Lord Rosse drew 18* invl
M 28	NGC 6626	GLOCL	SGR	18 24.5	-24 52	06.9	11.0	IV			45' NW from Lambda Sgr; * mags 14...
M 29	NGC 6913	OPNCL	CYG	20 23.9	+38 32	06.6	11.0	III 3 p n	50	8.6	About 20 stars mags 8...
M 30	NGC 7099	GLOCL	CAP	21 40.4	-23 11	07.5	11.0	V			Wm. Herschel saw very elliptical shape
M 31	NGC 224	GALXY	AND	00 42.7	+41 16	03.4	13.5	Sb			Local Group; Andromeda Galaxy; nearest spiral
M 32	NGC 221	GALXY	AND	00 42.7	+40 52	08.1	12.4	E2			M31 Triplicate; Comp to M31
M 33	NGC 598	GALXY	TRI	01 33.9	+30 39	05.7	14.2	Sc			Local Group; Pinwheel Galaxy; H V 17
M 34	NGC 1039	OPNCL	PER	02 42.1	+42 47	05.2	.	II 3 m	100	7.3	At least 80 true members; sev D* incl h1123 & O Struve 44
M 35	NGC 2168	OPNCL	GEM	06 08.2	+24 22	05.1	12.0	III 2 m	200	8.2	Lord Rosse counted 300*; Orange * invl; NGC 2158 30' SW

M 36	NGC 1960	OPNCL	AUR	05 36.3	+34 08	06.0	12.0	II 3 m	60	8.9	in Aur OB1;incl Struve 737 10.7"sep
M 37	NGC 2099	OPNCL	AUR	05 52.3	+32 33	05.6	11.0	II 1 r	150	9.2	Total population 500*;dark area near center
M 38	NGC 1912	OPNCL	AUR	05 28.7	+35 51	06.4	12.0	III 2 m	100	9.5	in Aur OB1;Burnham-shaped like Greek letter Pi
M 39	NGC 7092	OPNCL	CYG	21 32.2	+48 26	04.6	11.0	III 2 p	30	6.8	Large but loose cluster
M 40	Winnecke 4	2STAR	UMA	12 21.9	+58 06	09.0	D* 9.0 & 9.3 mag 50" sep;No neby
M 41	NGC 2287	OPNCL	CMA	06 46.0	-20 45	04.5	12.0	II 3 m	80	6.9	150 members to 13 mag;orange * near center
M 42	NGC 1976	CL+NB	ORI	05 35.3	-05 23	04.0	11.0	E+R			Trapezium* 6.7-7.7m;>50 var* invl;M 43 to NE
M 43	NGC 1982	BRTNB	ORI	05 35.5	-05 16	09.0	13.0	E			H III 1 ?;detached part of Orion Nebula
M 44	NGC 2632	OPNCL	CNC	08 40.0	+19 40	03.1	13.0	II 2 m	50	6.3	Beehive;200 memb to 14 mag
M 45	Mel 22	CL+NB	TAU	03 47.0	+24 07	01.2	11.0	I 3 r n	100	2.9	Pleiades;nebys NGC 1432 and 1435 involved
M 46	NGC 2437	OPNCL	PUP	07 41.8	-14 49	06.1	13.0	III 2 m	100	8.7	PLNNB NGC 2438 on N edge;150 * 10-13 mag
M 47	NGC 2422	OPNCL	PUP	07 36.6	-14 29	04.4	11.0	III 2 m	30	5.7	H VIII 38;Messier gave poor postion;Struve 1121 & 1120 invl
M 48	NGC 2548	OPNCL	HYA	08 13.7	-05 45	05.8	13.0	I 2 m	80	8.2	Messier wrong position by 4 deg in dec;50* 9-13mag;H VI 22
M 49	NGC 4472	GALXY	VIR	12 29.8	+08 00	08.4	13.2	E4			NGC 4467 @ 4.2';NGC 4470 @ 10.5';NGC 4465 @ 5.8'
M 50	NGC 2323	OPNCL	MON	07 02.5	-08 23	05.9	12.0	II 3 m	80	7.8	About 100 stars mags 9...14
M 51	NGC 5194	GALXY	CVN	13 29.9	+47 12	08.4	12.9	Sbc			Whirlpool Gal;interacting pair;classic spiral
M 52	NGC 7654	OPNCL	CAS	23 24.2	+61 35	06.9	12.0	I 2 r	200	8.2	Messier saw neby there is none
M 53	NGC 5024	GLOCL	COM	13 12.9	+18 10	07.7	12.0	V			1 deg NE of Alpha Comae Berenices
M 54	NGC 6715	GLOCL	SGR	18 55.1	-30 29	07.7	11.0	III			* mags 15...
M 55	NGC 6809	GLOCL	SGR	19 40.0	-30 58	07.0	13.0	XI			* mags 15...
M 56	NGC 6779	GLOCL	LYR	19 16.6	+30 11	08.3	12.0	X			Stars 11...
M 57	NGC 6720	PLNNB	LYR	18 53.6	+33 02	09.4	09.3	4(3)		15.8	Ring Nebula;central* var 14 to 16 mag;PK63+13.1
M 58	NGC 4579	GALXY	VIR	12 37.7	+11 49	09.7	13.1	SBb			fine compact spiral
M 59	NGC 4621	GALXY	VIR	12 42.0	+11 39	09.6	12.9	E3			B diff N;smooth arms
M 60	NGC 4649	GALXY	VIR	12 43.7	+11 33	08.8	12.9	E1			NGC 4647 @ 2.5'
M 61	NGC 4303	GALXY	VIR	12 21.9	+04 28	09.6	13.4	SBbc Ring			SN 1926;1961;1964;NGC 4301 @ 10.0';H I 139;L face-on spiral
M 62	NGC 6266	GLOCL	OPH	17 01.2	-30 07	06.6	11.0	IV			Asymmetrical
M 63	NGC 5055	GALXY	CVN	13 15.8	+42 02	08.6	13.3	Sbc			vsvB stell. N in B inner lens;many filam
M 64	NGC 4826	GALXY	COM	12 56.7	+21 41	08.5	12.7	Sab			Blackeye Galaxy;dark marking nr center
M 65	NGC 3623	GALXY	LEO	11 18.9	+13 05	09.3	12.8	SBa			M66 subgroup
M 66	NGC 3627	GALXY	LEO	11 20.2	+13 00	08.9	12.7	SBb			brightest in group;M 65 & NGC 3628 in field
M 67	NGC 2682	OPNCL	CNC	08 50.8	+11 49	06.9	13.0	II 2 m	200	9.7	500 memb to 16 mag;Mallas-dark spot near center
M 68	NGC 4590	GLOCL	HYA	12 39.5	-26 45	08.2	13.0	X			
M 69	NGC 6637	GLOCL	SGR	18 31.4	-32 21	07.7	11.0	V			
M 70	NGC 6681	GLOCL	SGR	18 43.2	-32 18	08.1	11.0	V			Curved arc of stars to NE; * mags 14...
M 71	NGC 6838	GLOCL	SGE	19 53.8	+18 47	08.3	12.0				Arrowhead shape, stars have few metals
M 72	NGC 6981	GLOCL	AQR	20 53.5	-12 32	09.4	12.0	IX			3 deg WSW of NGC 7009
M 73	NGC 6994	OPNCL	AQR	20 59.0	-12 38	08.9	.	IV 1 p :b	4	10	4 or 5 10th mag stars;Messier saw neby but there is none
M 74	NGC 628	GALXY	PSC	01 36.7	+15 47	09.4	14.2	Sc			Fine face on spiral

M 75	NGC 6864	GLOCL	SGR	20 06.1	-21 55	08.6	11.0	I				* mags 17...
M 76	NGC 650	PLNNB	PER	01 42.3	+51 35	11.0	10.4	3(6)		17.6		Little Dumbbell or Cork Nebula; PK130-10.1
M 76	NGC 651	PLNNB	PER	01 42.3	+51 35	11.0	10.4	3(6)		17.6		Little Dumbbell or Cork Nebula; faintest M obj; H I 193
M 77	NGC 1068	GALXY	CET	02 42.7	-00 01	08.9	12.8	Sbp				Seyfert; brtst in NGC 1068 grp
M 78	NGC 2068	BRTNB	ORI	05 46.8	+00 05	08.0	12.0	E				Comet shaped; 2 10mag * invl, 53" sep
M 79	NGC 1904	GLOCL	LEP	05 24.2	-24 31	08.4	12.0	V				Stars vF
M 80	NGC 6093	GLOCL	SCO	16 17.0	-22 59	07.2	11.0	II				Extremely rich and compressed
M 81	NGC 3031	GALXY	UMA	09 55.6	+69 04	06.9	13.2	Sb				brightest in group; fine spiral
M 82	NGC 3034	GALXY	UMA	09 55.9	+69 41	08.4	12.5	Sd				M81 group; eruptive; H IV 79
M 83	NGC 5236	GALXY	HYA	13 37.0	-29 52	07.5	12.8	SBc				Fast SupNova producer-4 in 50 yrs
M 84	NGC 4374	GALXY	VIR	12 25.1	+12 53	09.1	13.0	E1				Markarian's chain; NGC 4387 @ 10.5'; center of Virgo cluster
M 85	NGC 4382	GALXY	COM	12 25.4	+18 11	09.1	12.9	Sa				SN 1960r; P w NGC 4394 @ 7.8' foll
M 86	NGC 4406	GALXY	VIR	12 26.2	+12 57	08.9	13.2	E3				Markarian's chain; comp superimposed @ 1.4'; NGC 4402 @ 10.0'
M 87	NGC 4486	GALXY	VIR	12 30.8	+12 23	08.6	13.0	E1p				B in Virgo cluster; NGC 4486A @ 7.5' ssf; NGC 4486B @ 7.3'
M 88	NGC 4501	GALXY	COM	12 32.0	+14 25	09.6	13.0	Sbc				comp @ 6.9'; mult arm spiral
M 89	NGC 4552	GALXY	VIR	12 35.7	+12 33	09.8	13.2	EO				
M 90	NGC 4569	GALXY	VIR	12 36.8	+13 10	09.5	13.4	SBab				IC 3583 @ 6.0'; vseBN in B diff bar w much dark matter
M 91	NGC 4548	GALXY	COM	12 35.4	+14 30	10.1	13.4	SBb				NGC 4571 @ 27.0'; H II 120; F outer arms in S patrn
M 92	NGC 6341	GLOCL	HER	17 17.1	+43 08	06.5	11.0	IV				Lord Rosse saw spiral structure
M 93	NGC 2447	OPNCL	PUP	07 44.5	-23 51	06.2	12.0	IV 1 p	80	8.2		63 members to 13 mag; wedge shaped center
M 94	NGC 4736	GALXY	CVN	12 50.9	+41 07	08.2	13.1	Sb Ring				
M 95	NGC 3351	GALXY	LEO	10 44.0	+11 42	09.7	13.5	SBb				Leo group
M 96	NGC 3368	GALXY	LEO	10 46.8	+11 49	09.3	13.1	SBab Ring				comp @ 3.8'; PA 205
M 97	NGC 3587	PLNNB	UMA	11 14.8	+55 01	11.0	12.1	3a		14		Owl Nebula; PK148+57.1
M 98	NGC 4192	GALXY	COM	12 13.8	+14 54	10.1	13.6	SBb				6 Comae Berenices is 30' east
M 99	NGC 4254	GALXY	COM	12 18.8	+14 25	09.9	13.2	Sc				SN 1967h; Norton-diff for small scope
M 100	NGC 4321	GALXY	COM	12 22.9	+15 49	09.4	13.4	SBbc				SN 1901-14-59; NGC 4322 @ 5.2'; NGC 4328 @ 6.1'
M 101	NGC 5457	GALXY	UMA	14 03.2	+54 21	07.9	14.9	SBc				P w NGC 5474; SN 1909; spir galax w one heavy arm; B knot E
M 102?	NGC 5866	GALXY	DRA	15 06.5	+55 46	09.9	12.2	Sa				vBN w dk lane and ansae; NGC 5867 small E neb; H I 215
M 103	NGC 581	OPNCL	CAS	01 33.4	+60 39	07.4	11.0	III 2 p	40	10.6		in Cas OB8; incl Struve 131 6-9m 14"
M 104	NGC 4594	GALXY	VIR	12 40.0	-11 37	08.0	11.6	Sab				H I 43; dark equatorial lane; Sombrero Galaxy
M 105	NGC 3379	GALXY	LEO	10 47.8	+12 35	09.3	12.8	E1				H I 17; P w NGC 3384 @ 7.2'; NGC 3389 @ 10.0'; PA108; Leo Group
M 106	NGC 4258	GALXY	CVN	12 19.0	+47 18	08.4	13.6	SBbc				H V 43
M 107	NGC 6171	GLOCL	OPH	16 32.5	-13 03	08.1	12.0	X				H VI 40
M 108	NGC 3556	GALXY	UMA	11 11.5	+55 40	10.0	13.1	SBc				H V 46; M 97 is 48' SE; nearly edge-on
M 109	NGC 3992	GALXY	UMA	11 57.6	+53 22	09.8	13.6	SBbc				H IV 61; theta struc barred sp; Gamma UMa 40' NW
M 110	NGC 205	GALXY	AND	00 40.4	+41 41	08.1	14.0	E6				M31 Companion; UGC 426; H V 18