

Distances to Messier Objects & Common NGC Objects in Thousands of Light Years

M#	Distance	Con.
M1	6.3	Tau
M2	36.2	Aqr
M3	30.6	CVn
M4	6.8	Sco
M5	22.8	Ser
M6	2	Sco
M7	1	Sco
M8	6.5	Sgr
M9	26.4	Oph
M10	13.4	Oph
M11	6	Scu
M12	17.6	Oph
M13	22.2	Her
M14	27.4	Oph
M15	32.6	Peg
M16	7	Ser
M17	5	Sgr
M18	6	Sgr
M19	27.1	Oph
M20	2.2	Sgr
M21	4.25	Sgr
M22	10.1	Sgr

M#	Distance	Con.
M23	4.5	Sgr
M24	10	Sgr
M25	2	Sgr
M26	5	Scu
M27	1.25	Vul
M28	17.0	Sgr
M29	7.2	Cyg
M30	24.8	Cap
M31	2200	And
M32	2200	And
M33	2300	Tri
M34	1.4	Per
M35	2.8	Gem
M36	4.1	Aur
M37	4.6	Aur
M38	4.2	Aur
M39	0.825	Cyg
M40	0.3	Uma
M41	2.4	Cma
M42	1.6	Ori
M43	1.6	Ori
M44	0.5	Cnc

M#	Distance	Con.
M45	0.4	Tau
M46	5.4	Pup
M47	1.6	Pup
M48	1.5	Hya
M49	60,000	Vir
M50	3	Mon
M51	37,000	CVn
M52	7	Cas
M53	56.4	Com
M54	82.8	Sgr
M55	16.6	Sgr
M56	31.6	Lyr
M57	4.1	Lyr
M58	60,000	Vir
M59	60,000	Vir
M60	60,000	Vir
M61	60,000	Vir
M62	21.5	Oph
M63	37,000	CVn
M64	12,000	Com
M65	35,000	Leo
M66	35,000	Leo

M#	Distance	Con.
M67	2.25	Cnc
M68	32.3	Hya
M69	25.4	Sgr
M70	28.0	Sgr
M71	11.7	Sge
M72	52/8	Aqr
M73	?	Aqr
M74	35,000	Psc
M75	57.7	Sgr
M76	3.4	Per
M77	60,000	Cet
M78	1.6	Ori
M79	39.8	Lep
M80	27.4	Sco
M81	11,000	Uma
M82	11,000	Uma
M83	10,000	Hya
M84	60,000	Vir
M85	60,000	Com
M86	60,000	Vir
M87	60,000	Vir
M88	60,000	Com

M#	Distance	Con.
M89	60,000	Vir
M90	60,000	Vir
M91	60,000	Com
M92	26.1	Her
M93	4.5	Pup
M94	14,500	CVn
M95	38,000	Leo
M96	38,000	Leo
M97	2.6	UMa
M98	60,000	Com
M99	60,000	Com
M100	60,000	Com
M101	24,000	UMa
M102	40,000	Dra
M103	8	Cas
M104	50,000	Vir
M105	38,000	Leo
M106	25,000	CVn
M107	19.6	Oph
M108	45,000	UMa
M109	55,000	Uma
M110	2200	And

Distances shown are in thousands of Light Years! Ex: 60,000 is equal to 60 million L.Y.'s

PLANETS

Mean Distances, in Astronomical Units, From Sun:

Mercury: 0.4 A.U.
 Venus: 0.72
 Earth: 1.0
 Mars: 1.5
 Jupiter: 5.2
 Saturn: 9.6
 Uranus: 19.1
 Neptune: 30.0
 Pluto: 39.5

1 AU =93 million miles

Object Name	Catalog #	Distance	Con.
Antenna Gx	NGC4038	63,000	Crv
Barnard's Gx	NGC6822	28,000	Sgr
Blinking PN	NGC6826	3.3	Cyg
Blue Snowball PN	NGC7662	3.9	And
Cat's Eye Nb.	NGC6543	3.6	Dra
Centaurus A Gx	NGC5128	14,000	Cen
Double Cluster	NGC869	7.5	Per
Eskimo Nb.	NGC2392	2.9	Gem
Eyes (GX's)	NGC4435	8,000	Vir
Ghost of Jupiter	NGC3242	2.6	Hya
Helix Nb.	NGC7293	0.425	Aqr
Horsehead Nb.	B33/IC434	1.6	Ori
Intergalactic Glob.	NGC2419	304	Lyn
Leo I (Dwarf Gx)		750	Leo
Omega Centauri	NGC5139	16.5	Cen
Sculptor Gx.	NGC253	11,000	ScI
Veil Nb.	N6960/6992	1.3	Cyg
Galaxy, edge-on	NGC891	30,000	And
Galaxy, bright	NGC2403	11,000	Cam
Galaxy, spiral	NGC2841	30,000	Uma
Galaxy, edge-on	NGC4565	49,000	Com
Galaxy, elongated	NGC7331	48,000	Peg