Messier Marathon

Time	Order	M#	NGC#	Type	Mag	Size	Cons	R.A.		Dec		Comments
	1	M77	1068	Sp Gal	8.9	7x6	Cet	2	42.7	0	1	
	2	M74	628	Sp Gal	9.4	10.2x9.5	Psc	1	36.7	15	47	
	3	M33	598	Sp Gal	5.7	73x45	Tri	1	33.9	30	39	
	4	M31	224	Sp Gal	3.4	178x63	And	0	42.7	41	16	
	5	M32	221	Dwrf Gal	8.1	8x6	And	0	42.7	40	52	
	6	M110	205	Ell Gal	8.5	17x10	And	0	40.4	41	41	
	7	M52	7654	OC	7.3	13	Cas	23	24.2	61	35	
	8	M103	581	OC	7.4	6	Cas	1	33.2	60	42	
	9	M76	650	PN	10.1	2.7x1.8	Per	1	42.4	51	34	
	10	M34	1039	OC	5.5	35	Per	2	42	42	47	
	11	M45	-	OC	1.6	110	Tau	3	47	24	7	
	12	M79	1904	GC	7.7	8.7	Lep	5	24.5	-24	33	
	13	M42	1976	OC + Neb	4	85x60	Ori	5	35.4	-5	27	
	14	M43	1982	Em Neb	9	20x15	Ori	5	35.6	-5	16	
	15	M78	2068	Diff Neb	8.3	8x6	Ori	5	46.7	0	3	
	16	M1	1952	SNR	8.4	6x4	Tau	5	34.5	22	1	
	17	M35	2168	OC	5.3	28	Gem	6	8.9	24	20	
	18	M37	2099	OC	6.2	24	Aur	5	52.4	32	33	
	19	M36	1960	OC	6.3	12	Aur	5	36.1	34	8	
	20	M38	1912	OC	7.4	21	Aur	5	28.4	35	50	
	21	M41	2287	OC	4.6	38	CMa	6	46	-20	44	
	22	M93	2447	OC	6	22	Pup	7	44.6	-23	52	
	23	M47	2422	OC	5.2	30	Pup	7	36.6	-14	30	
	24	M46	2437	OC	6	27	Pup	7	41.8	-14	49	
	25	M50	2323	OC	6.3	16	Mon	7	3.2	-8	20	
	26	M48	2548	OC	5.5	54	Hya	8	13.8	-5	48	
	27	M44	2632	OC	3.7	95	Cnc	8	40.1	19	59	
	28	M67	2682	OC	6.1	30	Cnc	8	50.4	11	49	
	29	M95	3351	Bar Gal	9.7	4.4x3.3	Leo	10	44	11	42	
	30	M96	3368	Sp Gal	9.2	6x4	Leo	10	46.8	11	49	
	31	M105	3379	Ell Gal	9.3	2	Leo	10	47.8	12	35	
	32	M65	3623	Sp Gal	9.3	8x1.5	Leo	11	18.9	13	5	
	33	M66	3627	Sp Gal	8.9	8x2.5	Leo	11	20.2	12	59	
	34	M81	3031	Sp Gal	6.9	21x10	UMa	9	55.6	69	4	
	35	M82	3034	Irr Gal	8.4	9x4	UMa	9	55.8	69	41	
	36	M97	3587	PN	9.9	3.4x3.3	UMa	11	14.8	55	1	
	37	M108	3556	Sp Gal	10	8x1	UMa	11	11.5	55	40	
	38	M109	3992	Bar Gal	9.8	7x4	UMa	11	57.6	53	23	
	39	M40	Win4	Dbl Star	8.4	0.8	UMa	12	22.4	58	5	
	40	M106	4258	Sp Gal	8.4	19x8	CVn	12	19	47	18	
	41	M94	4736	Sp Gal	8.2	7x3	CVn	12	50.9	41	7	
	42	M63	5055	Sp Gal	8.6	10x6	CVn	13	15.8	42	2	
	43	M51	5194	Sp Gal	8.4	11x7	CVn	13	29.9	47	12	
	44	M101	5457	Sp Gal	7.9	22	UMa	14	3.2	54	21	
	45	M102	5866	Lent Gal	9.9	5.2x2.3	Dra	15	6.5	55	46	
	46	M53	5024	GC	7.6	12.6	Com	13	12.9	18	10	
	47	M64	4826	Sp Gal	8.5	9.3x5.4	Com	12	56.7	21	41	
	48	M3	5272	GC	6.2	16.2	CVn	13	42.2	28	23	
	49	M98	4192	Sp Gal	10.1	9.5x3.2	Com	12	13.8	14	54	
	50	M99	4254	Sp Gal	9.9	5.4x4.8	Com	12	18.8	14	25	
	51	M100	4321	Sp Gal	9.3	7x6	Com	12	22.9	15	49	
	52	M85	4382	Lent Gal	9.1	7.1x5.2	Com	12	25.4	18	11	
	53	M84	4374	Lent Gal	9.1	5	Vir	12	25.1	12	53	
	54	M86	4406	Lent Gal	8.9	7.5x5.5	Vir	12	26.2	12	57	
	55	M87	4486	Ell Gal	8.6	7	Vir	12	30.8	12	24	

Messier Marathon

Time	Order	M#	NGC#	Type	Mag	Size	Cons	R.A.		Dec		Comments
	56	M89	4552	Ell Gal	9.8	4	Vir	12	35.7	12	33	
	57	M90	4569	Sp Gal	9.5	9.5x4.5	Vir	12	36.8	13	10	
	58	M88	4501	Sp Gal	9.6	7x4	Com	12	32	14	25	
	59	M91	4548	Bar Gal	10.2	5.4x4.4	Com	12	35.4	14	30	
	60	M58	4579	Bar Gal	9.7	5.5x4.5	Vir	12	37.7	11	49	
	61	M59	4621	Ell Gal	9.6	5x3.5	Vir	12	42	11	39	
	62	M60	4649	Ell Gal	8.8	7x6	Vir	12	43.7	11	33	
	63	M49	4472	Ell Gal	8.4	9x7.5	Vir	12	29.8	8	0	
	64	M61	4303	Sp Gal	9.7	6x5.5	Vir	12	21.9	4	28	
	65	M104	4594	Sp Gal	8	9x4	Vir	12	40	-11	37	
	66	M68	4590	GC	7.8	12	Hya	12	39.5	-26	45	
	67	M83	5236	Sp Gal	7.6	11x10	Hya	13	37	-29	52	
	68	M5	5904	GC	5.6	17.4	Ser	15	18.6	2	5	
	69	M13	6205	GC	5.8	16.6	Her	16	41.7	36	28	
	70	M92	6341	GC	6.4	11.2	Her	17	17.1	43	8	
	71	M57	6720	PN	8.8	1.4x1.0	Lyr	18	53.6	33	2	
	72	M56	6779	GC	8.3	7.1	Lyr	19	16.6	30	11	
	73	M29	6913	OC	7.1	7	Cyg	20	23.9	38	32	
	74	M39	7092	OC	4.6	32	Cyg	21	32.2	48	26	
	75	M27	6853	PN	7.4	8.0x5.7	Vul	19	59.6	22	43	
	76	M71	6838	GC	8.2	7.2	Sge	19	53.8	18	47	
	77	M107	6171	GC	7.9	10	Oph	16	32.5	-13	3	
	78	M12	6218	GC	6.7	14.5	Oph	16	47.2	-1	57	
	79	M10	6254	GC	6.6	15.1	Oph	16	57.1	-4	6	
	80	M14	6402	GC	7.6	11.7	Oph	17	37.6	-3	15	
	81	M9	6333	GC	7.7	9.3	Oph	17	19.2	-18	31	
	82	M4	6121	GC	5.6	26.3	Sco	16	23.6	-26	32	
	83	M80	6093	GC	7.3	8.9	Sco	16	17	-22	59	
	84	M19	6273	GC	6.8	13.5	Oph	17	2.6	-26	16	
	85	M62	6266	GC	6.5	14.1	Oph	17	1.2	-30	7	
	86	M6	6405	OC	5.3	25	Sco	17	40.1	-32	13	
	87	M7	6475	OC	4.1	80	Sco	17	53.9	-34	49	
	88	M11	6705	OC	6.3	14	Sct	18	51.1	-6	16	
	89	M26	6694	OC	8	15	Sct	18	45.2	-9	24	
	90	M16	6611	OC + Neb	6.4	7	Ser	18	18.8	-13	47	
	91	M17	6618	OC + Neb	7	11	Sgr	18	20.8	-16	11	
	92	M18	6613	OC	7.5	9	Sgr	18	19.9	-17	8	
	93	M24	6603	Star Cloud	4.6	90	Sgr	18	16.9	-18	29	
	94	M25	I4725	OC	6.5	40	Sgr	18	31.6	-19	15	
	95	M23	6494	OC	6.9	27	Sgr	17	56.8	-19	1	
	96	M21	6531	OC	6.5	13	Sgr	18	4.6	-22	30	
	97	M20	6514	OC + Neb	9	28	Sgr	18	2.6	-23	2	
	98	M8	6523	OC + Neb	6	90x40	Sgr	18	3.8	-24	23	
	99	M28	6626	GC	6.8	11.2	Sgr	18	24.5	-24	52	
	100	M22	6656	GC	5.1	24	Sgr	18	36.4	-23	54	
	101	M69	6637	GC	7.6	7.1	Sgr	18	31.4	-32	21	
	102	M70	6681	GC	7.9	7.8	Sgr	18	43.2	-32	18	
	103	M54	6715	GC	7.6	9.1	Sgr	18	55.1	-30	29	
	104	M55	6809	GC	6.3	19	Sgr	19	40	-30	58	
	105	M75	6864	GC	8.5	6	Sgr	20	6.1	-21	55	
	106	M15	7078	GC	6.2	12.3	Peg	21	30	12	10	
	107	M2	7089	GC	6.5	12.9	Aqr	21	33.5	0	49	
	108	M72	6981	GC	9.3	5.9	Aqr	20	53.5	-12	32	
	109	M73	6994	Asterism 4	9	2.8	Aqr	20	58.9	-12	38	
	110	M30	7099	GC	7.2	11	Cap	21	40.4	-23	11	