



Los Angeles Astronomical Society

2010 Messier Marathon Form & Observing List

Please complete form and print legibly.

Observer's Name: _____ Age: _____
(Optional)

Date: _____ Location: _____

Time Zone: _____ Latitude: _____ Longitude: _____

Instrument: (Circle one) Telescope Binoculars or Camera Naked Eye

Instrument(s) Size & Description: _____

Location Method: (Circle one) Star Hopping Setting Circles Computerized

General Comments: _____

Recommended Order for Observations

M#	TIME	NGC#	CON	TYPE	RA	DEC	MAG.	COMMENTS
M77		1068	Cet	Gx	02:42.7	-00:01.0	8.9	
M74		628	Psc	Gx	01:36.7	+15:47.0	8.5	
M33		598	Tri	Gx	01:33.9	+30:39.0	5.7	
M31		224	And	Gx	00:42.7	+41:16.0	3.4	
M32		221	And	Gx	00:42.7	+40:52.0	8.2	
M110		205	And	Gx	00:40.4	+41:41.0	8	
M52		7654	Cas	OC	23:24.8	+61:36.0	6.9	
M103		581	Cas	OC	01:33.4	+60:39.5	7.4	

M#	TIME	NGC#	CON	TYPE	RA	DEC	MAG.	COMMENTS
M76		650	Per	PN	01:42.4	+51:34.0	10.1	
M34		1039	Per	OC	02:42.1	+42:45.0	5.2	
M45		-	Tau	OC	03:47.5	+24:06.3	1.5	
M79		1904	Lep	GC	05:24.2	-24:31.5	7.7	
M42		1976	Ori	DN	05:35.3	-05:23.0	3.7	
M43		1982	Ori	DN	05:35.6	-05:16.0	6.8	
M78		2068	Ori	DN	05:46.7	+00:03.0	8	
M1		1952	Tau	DN	05:34.5	+22:01.0	8	
M35		2168	Gem	OC	06:09.0	+24:21.0	5.1	
M37		2099	Aur	OC	05:52.3	+32:33.2	5.6	
M36		1960	Aur	OC	05:36.3	+34:08.4	6	
M38		1922	Aur	OC	05:28.7	+35:51.3	6.4	
M41		2287	CMa	OC	06:46.0	-20:45.3	4.5	
M93		2447	Pup	OC	07:44.5	-23:51.2	6.2	
M47		2422	Pup	OC	07:36.6	-14:29.0	5.7	
M46		2437	Pup	OC	07:41.8	-14:49.0	6.1	
M50		2323	Mon	OC	07:02.7	-08:23.0	5.9	
M48		2548	Hya	OC	08:13.8	-05:45.0	5.8	
M44		2632	Cnc	OC	08:40.4	+19:40.0	3.1	
M67		2682	Cnc	OC	08:51.4	+11:49.0	6	
M95		3351	Leo	Gx	10:44.0	+11:42.0	9.7	
M96		3368	Leo	Gx	10:46.8	+11:49.0	9.2	
M105		3379	Leo	Gx	10:47.8	+12:35.0	9.3	
M65		3623	Leo	Gx	11:18.9	+13:05.0	8.8	
M66		3627	Leo	Gx	11:20.2	+12:59.0	9	
M81		3031	UMa	Gx	09:55.6	+69:04.0	6.9	
M82		3034	UMa	Gx	09:55.8	+69:41.0	8.4	
M97		3587	UMa	PN	11:14.8	+55:01.0	9.9	
M108		3556	UMa	Gx	11:11.5	+55:40.0	10	
M109		3992	UMa	Gx	11:57.6	+53:23.0	9.8	
M40		-	UMa	Ast	12:22.2	+58:05.0	9.0/9.6	
M106		4258	CVn	Gx	12:19.0	+47:18.0	8.3	

M#	TIME	NGC#	CON	TYPE	RA	DEC	MAG.	COMMENTS
M94		4736	CVn	Gx	12:50.9	+41:07.0	8.2	
M63		5055	CVn	Gx	13:15.8	+42:02.0	8.6	
M51		5194	CVn	Gx	13:29.9	+47:12.0	8.4	
M101		5457	UMa	Gx	14:03.2	+54:21.0	7.9	
M102		5866	Dra	Gx	15:06.5	+55:46.0	10	
M53		5024	Com	GC	13:12.9	+18:10.0	7.7	
M64		4826	Com	Gx	12:56.7	+21:41.0	8.5	
M3		5272	CVn	GC	13:42.2	+28:22.0	5.9	
M98		4192	Com	Gx	12:13.8	+14:54.0	10.1	
M99		4254	Com	Gx	12:18.8	+14:25.0	9.9	
M100		4321	Com	Gx	12:22.9	+15:49.0	9.3	
M85		4382	Com	Gx	12:25.4	+18:11.0	9.1	
M84		4374	Vir	Gx	12:25.1	+12:53.0	9.1	
M86		4406	Vir	Gx	12:26.6	+12:57.0	8.9	
M87		4486	Vir	Gx	12:30.8	+12:24.0	8.6	
M89		4552	Vir	Gx	12:35.7	+12:33.0	9.7	
M90		4569	Vir	Gx	12:36.8	+13:10.0	9.5	
M88		4501	Com	Gx	12:32.0	+14:25.0	9.6	
M91		4548	Com	Gx	12:35.4	+14:30.0	10.1	
M58		4579	Vir	Gx	12:37.7	+11:49.0	9.6	
M59		4621	Vir	Gx	12:42.0	+11:39.0	9.6	
M60		4649	Vir	Gx	12:43.7	+11:33.0	8.8	
M49		4472	Vir	Gx	12:29.8	+08:00.0	8.4	
M61		4303	Vir	Gx	12:21.9	+04:28.0	9.6	
M104		4594	Vir	Gx	12:40.0	-11:37.0	8	
M68		4590	Hya	GC	12:39.5	-26:45.0	7.6	
M83		5236	Hya	Gx	13:37.0	-29:52.0	7.5	
M5		5904	Ser	GC	15:18.5	+02:04.0	5.7	
M13		6205	Her	GC	16:41.7	+36:27.0	5.3	
M92		6341	Her	GC	17:17.1	+43:08.0	6.5	
M57		6720	Lyr	PN	18:53.6	+33:02.0	8.8	
M56		6779	Lyr	GC	19:16.6	+30:11.0	8.4	

M#	TIME	NGC#	CON	TYPE	RA	DEC	MAG.	COMMENTS
M29		6913	Cyg	OC	20:24.1	+38:29.6	6.6	
M39		7092	Cyg	OC	21:32.2	+48:26.6	4.6	
M27		6853	Vul	PN	19:59.6	+22:43.0	7.3	
M71		6838	Sge	GC	19:53.8	+18:47.0	8	
M107		6171	Oph	GC	16:32.5	-13:03.0	7.8	
M12		6218	Oph	GC	16:47.2	-01:56.0	6.8	
M10		6254	Oph	GC	16:57.1	-04:05.0	6.6	
M14		6402	Oph	GC	17:37.6	-03:14.0	7.6	
M9		6333	Oph	GC	17:19.2	-18:31.0	7.8	
M4		6121	Sco	GC	16:23.6	-26:31.0	5.4	
M80		6093	Sco	GC	16:17.0	-22:59.0	7.3	
M19		6273	Oph	GC	17:02.6	-26:16.0	6.8	
M62		6266	Oph	GC	17:01.2	-30:07.0	6.7	
M6		6405	Sco	OC	17:40.3	-32:15.5	4.2	
M7		6475	Sco	OC	17:53.8	-34:47.1	2.8	
M11		6705	Sct	OC	18:51.1	-06:16.2	5.3	
M26		6694	Sct	OC	18:45.2	-09:23.1	8	
M16		6611	Ser	OC	18:18.8	-13:48.0	6	
M17		6618	Sgr	DN	18:21.1	-16:11.0	6	
M18		6613	Sgr	OC	18:20.0	-17:05.9	6.9	
M24		6603	Sgr	Ast	18:17.4	-18:36.0	2.5	
M25		4725	Sgr	OC	18:31.7	-19:07.2	4.6	
M23		6494	Sgr	OC	17:56.9	-19:01.0	5.5	
M21		6531	Sgr	OC	18:04.2	-22:30.0	5.9	
M20		6514	Sgr	DN	18:02.5	-23:02.0	6.3	
M8		6523	Sgr	DN	18:03.8	-24:23.0	3	
M28		6626	Sgr	GC	18:24.5	-24:52.0	6.9	
M22		6656	Sgr	GC	18:36.4	-23:54.0	5.2	
M69		6637	Sgr	GC	18:31.4	-32:21.0	7.4	
M70		6681	Sgr	GC	18:43.2	-32:18.0	7.8	
M54		6715	Sgr	GC	18:55.1	-30:28.0	7.2	
M55		6809	Sgr	GC	19:40.0	-30:57.0	6.3	

M#	TIME	NGC#	CON	TYPE	RA	DEC	MAG.	COMMENTS
M75		6864	Sgr	GC	20:06.1	-21:55.0	8.6	
M15		7078	Peg	GC	21:30.0	+12:10.0	6	
M2		7089	Aqr	GC	21:33.5	-00:49.0	6.3	
M72		6981	Aqr	GC	20:53.5	-12:32.0	9.2	
M73		6994	Aqr	Ast	20:58.9	-12:38.0	8.9	
M30		7099	Cap	GC	21:40.4	-23:10.0	6.9	



Total Number of Messier Objects Observed: _____

Please email your completed form (scan and attach in the email) to Michael Rudy at mrcapk9_groups@yahoo.com (there is an underscore between the 9 and g).

OR,

Mail your completed form to:
 Los Angeles Astronomical Society
 c/o Griffith Observatory
 2800 East Observatory Road
 Los Angeles, CA 90027

How do you prefer to receive your certificate? *(Email requests will be processed more quickly.)*

Email

Please provide your email address: _____

United States Postal Mail

Please provide your mailing address: _____

For Official LAAS Use Only:

Member of LAAS: *(Circle one)* Yes or No

If Yes, list membership type: _____

Verified By: _____

Award Level: *(if applicable)* _____