

Orange County Astronomers
Messier Marathon Form

Date _____ Location _____

Name _____ Age* _____ Messier Objects Viewed _____ Photographed _____
 Viewing Equipment: Telescope _____ Binoculars _____ Naked Eye _____ Camera _____
 Location Method: Star-hopping _____ Setting Circles _____ Computerized System _____

Scope/Binocular/Camera Size and Description: _____

The following is a list of the Messier objects in the order you might want to view them. The first objects listed set the soonest. The first object is usually visible as the sun sets. Fill in the time at which each object was viewed. Place an "x" in the "P" column for objects that you photographed.

M	Time	P	RA	Dec	Con	Type	Mag
77			02:42.7	00°01'	Cet	Gx	8.9
74			01:36.7	15°47'	Psc	Gx	9.4
33			01:33.9	30°39'	Tri	Gx	5.7
31			00:42.7	41°16'	And	Gx	3.4
32			00:42.7	40°52'	And	Gx	8.1
110			00:40.4	41°41'	And	Gx	8.5
52			23:24.2	61°35'	Cas	OC	7.3
103			01:33.2	60°42'	Cas	OC	7.4
76			01:42.4	51°34'	Per	PN	10.1
34			02:42.0	42°47'	Per	OC	5.5
45			03:47.0	24°07'	Tau	OC	1.6
79			05:24.5	-24°33'	Lep	GC	7.7
42			05:35.4	-05°27'	Ori	DN	4
43			05:35.6	-05°16'	Ori	DN	9
78			05:46.7	00°03'	Ori	DN	8.3
1			05:34.5	22°01'	Tau	DN	8.4
35			06:08.9	24°20'	Gem	OC	5.3
37			05:52.4	32°33'	Aur	OC	6.2
36			05:36.1	34°08'	Aur	OC	6.3
38			05:28.4	35°50'	Aur	OC	7.4
41			06:46.0	-20°44'	CMa	OC	4.6
93			07:44.6	-23°52'	Pup	OC	6
47			07:36.6	-14°30'	Pup	OC	5.2
46			07:41.8	-14°49'	Pup	OC	6
50			07:03.2	-08°20'	Mon	OC	6.3

M	Time	P	RA	Dec	Con	Type	Mag
48			08:13.8	-05°48'	Hya	OC	5.5
44			08:40.1	19°59'	Cnc	OC	3.7
67			08:50.4	11°49'	Cnc	OC	6.1
95			10:44.0	11°42'	Leo	Gx	9.7
96			10:46.8	11°49'	Leo	Gx	9.2
105			10:47.8	12°35'	Leo	Gx	9.3
65			11:18.9	13°05'	Leo	Gx	9.3
66			11:20.2	12°59'	Leo	Gx	8.9
81			09:55.6	69°04'	UMa	Gx	6.9
82			09:55.8	69°41'	UMa	Gx	8.4
97			11:14.8	55°01'	UMa	PN	9.9
108			11:11.5	55°40'	UMa	Gx	10
109			11:57.6	53°23'	UMa	Gx	9.8
40			12:22.4	58°05'	UMa	Ast	8.4
106			12:19.0	47°18'	CVn	Gx	8.4
94			12:50.9	41°07'	CVn	Gx	8.2
63			13:15.8	42°02'	CVn	Gx	8.6
51			13:29.9	47°12'	CVn	Gx	8.4
101			14:03.2	54°21'	UMa	Gx	7.9
102			15:06.5	55°46'	Dra	Gx	9.9
53			13:12.9	18°10'	Com	GC	7.6
64			12:56.7	21°41'	Com	Gx	8.5
3			13:42.2	28°23'	CVn	GC	6.2
98			12:13.8	14°54'	Com	Gx	10.1
99			12:18.8	14°25'	Com	Gx	9.9

Messier Marathon Form
Page 2

M	Time	P	RA	Dec	Con	Type	Mag
100			12:22.9	15°49'	Com	Gx	9.3
85			12:25.4	18°11'	Com	Gx	9.1
84			12:25.1	12°53'	Vir	Gx	9.1
86			12:26.2	12°57'	Vir	Gx	8.9
87			12:30.8	12°24'	Vir	Gx	8.6
89			12:35.7	12°33'	Vir	Gx	9.8
90			12:36.8	13°10'	Vir	Gx	9.5
88			12:32.0	14°25'	Com	Gx	9.6
91			12:35.4	14°30'	Com	Gx	10.2
58			12:37.7	11°49'	Vir	Gx	9.7
59			12:42.0	11°39'	Vir	Gx	9.6
60			12:43.7	11°33'	Vir	Gx	8.8
49			12:29.8	08°00'	Vir	Gx	8.4
61			12:21.9	04°28'	Vir	Gx	9.7
104			12:40.0	-11°37'	Vir	Gx	8
68			12:39.5	-26°45'	Hya	GC	7.8
83			13:37.0	-29°52'	Hya	Gx	7.6
5			15:18.6	02°05'	Ser	GC	5.6
13			16:41.7	36°28'	Her	GC	5.8
92			17:17.1	43°08'	Her	GC	6.4
57			18:53.6	33°02'	Lyr	PN	8.8
56			19:16.6	30°11'	Lyr	GC	8.3
29			20:23.9	38°32'	Cyg	OC	7.1
39			21:32.2	48°26'	Cyg	OC	4.6
27			19:59.6	22°43'	Vul	PN	7.4
71			19:53.8	18°47'	Sge	GC	8.2
107			16:32.5	-13°03'	Oph	GC	7.9
12			16:47.2	-01°57'	Oph	GC	6.7
10			16:57.1	-04°06'	Oph	GC	6.6
14			17:37.6	-03°15'	Oph	GC	7.6

M	Time	P	RA	Dec	Con	Type	Mag
9			17:19.2	-18°31'	Oph	GC	7.7
4			16:23.6	-26°32'	Sco	GC	5.6
80			16:17.0	-22°59'	Sco	GC	7.3
19			17:02.6	-26°16'	Oph	GC	6.8
62			17:01.2	-30°07'	Oph	GC	6.5
6			17:40.1	-32°13'	Sco	OC	5.3
7			17:53.9	-34°49'	Sco	OC	4.1
11			18:51.1	-06°16'	Sct	OC	6.3
26			18:45.2	-09°24'	Sct	OC	8
16			18:18.8	-13°47'	Ser	OC	6.4
17			18:20.8	-16°11'	Sgr	DN	7
18			18:19.9	-17°08'	Sgr	OC	7.5
24			18:16.9	-18°29'	Sgr	Ast	4.6
25			18:31.6	-19°15'	Sgr	OC	6.5
23			17:56.8	-19°01'	Sgr	OC	6.9
21			18:04.6	-22°30'	Sgr	OC	6.5
20			18:02.6	-23°02'	Sgr	DN	9
8			18:03.8	-24°23'	Sgr	DN	6
28			18:24.5	-24°52'	Sgr	GC	6.8
22			18:36.4	-23°54'	Sgr	GC	5.1
69			18:31.4	-32°21'	Sgr	GC	7.6
70			18:43.2	-32°18'	Sgr	GC	7.9
54			18:55.1	-30°29'	Sgr	GC	7.6
55			19:40.0	-30°58'	Sgr	GC	6.3
75			20:06.1	-21°55'	Sgr	GC	8.5
15			21:30.0	12°10'	Peg	GC	6.2
2			21:33.5	00°49'	Aqr	GC	6.5
72			20:53.5	-12°32'	Aqr	GC	9.3
73			20:58.9	-12°38'	Aqr	Ast	9
30			21:40.4	-23°11'	Cap	GC	7.2

Types: OC=Open Cluster, GC=Globular Cluster, PN=Planetary Nebula, DN=Diffused Nebula, Gx=Galaxy, Ast=Asterism

Fill in the information at the top of the form. *Include age if under 18 years old. Please turn your completed form in to the Messier Marathon Coordinator or to Barbara Toy, or mail it to: Orange County Astronomers/Messier Marathon, P.O. Box 1762, Costa Mesa, CA 92628.