

Saguaro Astronomy Club

All Arizona Messier Marathon

This check off list is for reference.

We will have lists available at the site that are printed on both sides to make it easier for the coordinators to tally results afterwards.

We will have more than enough lists available to satisfy requests.

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Please make every effort for it to appear on both sides of one page, instead of two pages.

All ARIZONA MESSIER MARATHON

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Obsvd	M#	R. A.	Decl	CON	TYPE	Mag	Size	Uran	Comment
	M 77	02 42.7	-00 02	CET	GALXY	10.5	9'X8'	220	
	M 74	01 36.6	+15 48	PSC	GALXY	10.5	12'X12'	173	
X	M 33	01 33.9	+30 40	TRI	GALXY	7	73'X45'	91	
X	M 31	00 42.8	+41 16	AND	GALXY	3.5	178'X40'	60	
	M 32	00 42.8	+40 52	AND	GALXY	8.2	8'X6'	60	
	M 110	00 40.4	+41 41	AND	GALXY	8	17'X10'	60	
	M 76	01 42.3	+51 34	PER	PLNNB	11	163"X107"	37	
x	M 34	02 42.0	+42 47	PER	OPNCL	5.2	35.0'	62	
X	M 45	03 47.0	+24 07	TAU	CL+NB	1.2	100'	132	
x	M 79	05 24.5	-24 33	LEP	GLOCL	8.4	8.7'	315	
X	M 42	05 35.3	-05 23	ORI	CL+NB	4	66'X60'	225	
x	M 43	05 35.5	-05 16	ORI	BRTNB	9	20'X15'	225	
x	M 78	05 46.8	+00 04	ORI	BRTNB	8	8'X6'	226	
	M 41	06 47.0	-20 44	CMA	OPNCL	4.5	38.0'	318	
x	M 93	07 44.6	-23 52	PUP	OPNCL	6.2	22.0'	319	
x	M*47	07 36.6	-14 30	PUP	OPNCL	4.4	30.0'	274	NGC 2422
x	M 46	07 41.8	-14 49	PUP	OPNCL	6.1	27.0'	274	
x	M 50	07 03.2	-08 20	MON	OPNCL	5.9	16.0'	273	
x	M*48	08 13.8	-05 48	HYA	OPNCL	5.8	54.0'	230	NGC 2548
x	M 1	05 34.5	+22 01	TAU	PLNNB	8.4	6'X4'	135	
x	M 35	06 08.9	+24 20	GEM	OPNCL	5.1	28.0'	136	
x	M 38	05 28.7	+35 50	AUR	OPNCL	6.4	21'	97	
	M 36	05 36.1	+34 08	AUR	OPNCL	6	12'	97	
x	M 37	05 52.4	+32 33	AUR	OPNCL	5.6	24.0'	98	
	M 44	08 40.1	+19 59	CNC	OPNCL	3.1	95.0'	141	
	M 67	08 50.4	+11 49	CNC	OPNCL	6.9	30.0'	186	
	M 65	11 18.9	+13 05	LEO	GALXY	9.6	9.5'X2.3'	191	
	M 66	11 20.2	+12 59	LEO	GALXY	8.9	9.0'X4.2'	191	
	M 95	10 44.0	+11 42	LEO	GALXY	11.2	8.5'X5.0'	190	
	M 96	10 46.8	+11 49	LEO	GALXY	10	7.5'X5.0'	190	
	M 105	10 47.8	+12 35	LEO	GALXY	9.6	3.8'X3.8'	190	
x	M 81	09 55.6	+69 04	UMA	GALXY	8.1	26'X14'	23	
x	M 82	09 55.8	+69 41	UMA	GALXY	9.2	13'X6'	23	
	M 97	11 14.8	+55 01	UMA	PLNNB	11	202"X196"	46	
	M 108	11 11.5	+55 40	UMA	GALXY	10.7	8.8'X2.2'	46	
	M 109	11 57.6	+53 23	UMA	GALXY	10.7	8.3'X4.6'	47	
	M*40	12 21.9	+58 06	UMA	2STAR	9		47	2 stars, Wnc 40
	M 106	12 18.9	+47 19	CVN	GALXY	9.6	22.0'X9.0'	74	
x	M 94	12 50.9	+41 08	CVN	GALXY	8.7	14.0'X12.0'	75	
x	M 63	13 15.8	+42 02	CVN	GALXY	9.7	15'X9'	75	
	M 51	13 30.0	+47 11	CVN	GALXY	8.8	9'X7.5'	76	
	M 101	14 03.3	+54 22	UMA	GALXY	8.7	28'X28'	49	
	M*102	15 06.5	+55 45	DRA	GALXY	11.1	6.5'X3.0'	50	NGC 5866
	M 98	12 13.9	+14 55	COM	GALXY	11	9.9'X2.2'	193	
	M 99	12 18.9	+14 26	COM	GALXY	10.2	5.0'X4.7'	193	
	M 100	12 23.0	+15 50	COM	GALXY	10.6	6.8'X5.8'	193	
	M 85	12 25.5	+18 12	COM	GALXY	10.2	7.4'X5.5'	148	
	M 84	12 25.1	+12 54	VIR	GALXY	10.8	5.0'X4.0'	193	
	M 86	12 26.3	+12 57	VIR	GALXY	10.9	12.0'X9.0'	193	
	M 87	12 30.9	+12 24	VIR	GALXY	10.4	7.0'X7.0'	193	
	M 89	12 35.7	+12 34	VIR	GALXY	11.1	3.4'X3.4'	194	
	M 90	12 36.9	+13 10	VIR	GALXY	11.8	11.4'X4.7'	194	
	M 88	12 32.1	+14 26	COM	GALXY	10.6	6.7'X3.0'	193	
	M*91	12 35.5	+14 30	COM	GALXY	11.5	5.5'X4.5'	194	NGC 4548
	M 58	12 37.8	+11 50	VIR	GALXY	11.5	6.0'X5.0'	194	
	M 59	12 42.1	+11 39	VIR	GALXY	11	4.5'X3.5'	194	
	M 60	12 43.7	+11 34	VIR	GALXY	10.3	3'X2.5'	194	
	M 49	12 29.8	+08 01	VIR	GALXY	10.2	8.0'X7.0'	193	
	M 61	12 22.0	+04 29	VIR	GALXY	10.9	6.6'X6.4'	238	

Obsvd	M#	R. A.	Decl	CON	TYPE	Mag	Size	Urano	Comment
_____	M 104	12 39.9	-11 37	VIR	GALXY	9.3	8.9'X4.1'	284	
_____	M 64	12 56.7	+21 41	COM	GALXY	8.9	10.0'X5.0'	149	
x_____	M 53	13 12.9	+18 10	COM	GLOCL	7.7	12.6'	150	
_____	M 5	15 18.6	+02 05	SER	GLOCL	5.75	17.4'	244	
_____	M 68	12 39.5	-26 45	HYA	GLOCL	8.2	12.0'	329	
_____	M 83	13 37.1	-29 52	HYA	GALXY	8.5	11.2'X10.2'	370	
_____	M 3	13 42.2	+28 23	CVN	GLOCL	6.4	16.2'	109	
_____	M 13	16 41.7	+36 28	HER	GLOCL	5.9	16.6'	114	
_____	M 92	17 17.1	+43 08	HER	GLOCL	6.5	11.2'	81	
_____	M 9	17 19.2	-18 31	OPH	GLOCL	7.9	9.3'	337	
_____	M 107	16 32.5	-13 03	OPH	GLOCL	8.1	10.0'	291	
_____	M 12	16 47.2	-01 57	OPH	GLOCL	6.6	14.5'	246	
_____	M 10	16 57.1	-04 06	OPH	GLOCL	6.6	15.1'	247	
_____	M 14	17 37.6	-03 15	OPH	GLOCL	7.6	11.7'	248	
_____	M 4	16 23.6	-26 32	SCO	GLOCL	5.9	26.3'	336	
_____	M 80	16 17.0	-22 59	SCO	GLOCL	7.2	8.9'	335	
_____	M 19	17 02.6	-26 16	OPH	GLOCL	7.2	13.5'	337	
_____	M 62	17 01.2	-30 07	OPH	GLOCL	6.6	14.1'	375	
_____	M 6	17 40.1	-32 13	SCO	OPNCL	4.2	15.0'	376	
_____	M 7	17 53.9	-34 49	SCO	OPNCL	3.3	80.0'	377	
_____	M 27	19 59.6	+22 43	VUL	PLNNB	7.3	480"X340"	162	
_____	M 71	19 53.8	+18 47	SGE	GLOCL	8.3	7.2'	162	
_____	M 11	18 51.1	-06 16	SCT	OPNCL	5.8	14.0'	250	
_____	M 26	18 45.2	-09 24	SCT	OPNCL	8	15.0'	295	
_____	M 16	18 18.8	-13 47	SER	CL+NB	6	25'	294	
_____	M 17	18 20.8	-16 11	SGR	CL+NB	6	45'X35'	294	
_____	M 18	18 19.9	-17 08	SGR	OPNCL	6.9	9.0'	294	
_____	M*24	18 17.0	-18 35	SGR	OPNCL	4	120'X90'	339	sml SGR cloud
_____	M 25	18 31.6	-19 15	SGR	OPNCL	4.6	32.0'	340	
_____	M 23	17 56.8	-19 01	SGR	OPNCL	5.5	27.0'	339	
_____	M 21	18 04.6	-22 30	SGR	OPNCL	5.9	13.0'	339	
_____	M 20	18 02.3	-23 02	SGR	CL+NB	6.3	28.0'	339	
_____	M 8	18 03.1	-24 23	SGR	CL+NB	5	80'X40'	339	
_____	M 28	18 24.5	-24 52	SGR	GLOCL	6.9	11.2'	339	
_____	M 22	18 36.4	-23 54	SGR	GLOCL	5.1	24.0'	378	
_____	M 57	18 53.6	+33 02	LYR	PLNNB	9	86"X62"	117	
_____	M 56	19 16.6	+30 11	LYR	GLOCL	8.3	7.1'	118	
_____	M 29	20 23.9	+38 32	CYG	OPNCL	6.6	7.0'	84	
_____	M 39	21 32.2	+48 26	CYG	OPNCL	4.6	32.0'	86	
_____	M 52	23 24.2	+61 35	CAS	OPNCL	6.9	13.0'	15	
x_____	M 103	01 33.2	+60 42	CAS	OPNCL	7.4	6.0'	16	
_____	M 69	18 34.4	-32 21	SGR	GLOCL	7.7	7.1'	378	
_____	M 70	18 43.2	-32 18	SGR	GLOCL	8.1	7.8'	378	
_____	M 54	18 55.1	-30 29	SGR	GLOCL	7.7	9.1'	378	
_____	M 55	19 40.0	-30 58	SGR	GLOCL	7	19.0'	379	
_____	M 75	20 06.1	-21 55	SGR	GLOCL	8	66.0'	343	
_____	M 15	21 30.0	+12 10	PEG	GLOCL	6.35	12.3'	210	
_____	M 2	21 33.5	-00 49	AQR	GLOCL	6.5	12.9'	255	
_____	M 72	20 53.5	-12 32	AQR	GLOCL	9.4	5.9'	299	
_____	M*73	20 59.0	-12 38	AQR	ASTER	8.9	2.8'	299	4 stars
_____	M 30	21 40.4	-23 11	CAP	GLOCL	7.5	11.0'	346	