

Decatur Area Astronomy Club

Messier Observation Program

I. The Winter Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
224	0	42.8	41	16	4.5	Gal	And	178'	31
221	0	42.8	40	52	10.0	Gal	And	8' X 6'	32
205	0	40.4	41	41	10.0	Gal	And	17' X 10'	110
598	1	33.9	30	40	7.0	Gal	Tri	73' X 45'	33
7654	23	24.2	61	35	8.0	OCl	Cas	13.0'	52
581	1	33.2	60	42	7.0	OCl	Cas	6.0'	103
1039	2	42.0	42	47	6.0	OCl	Per	35.0'	34
650	1	42.4	51	34	12.0	PIN	Per	163" X 107"	76
1952	5	34.5	22	1	9.0	PIN	Tau	6' X 4'	1
1432	3	47.0	24	7	1.4	OCl	Tau	110.0'	45
1960	5	36.1	34	8	6.5	OCl	Aur	12.0'	36
2099	5	52.4	32	33	6.0	OCl	Aur	24.0'	37
1912	5	28.7	35	50	7.0	OCl	Aur	21.0'	38
1976	5	35.3	-5	23	5.0	DfN	Ori	85' X 60'	42
1982	5	35.5	-5	16	7.0	DfN	Ori	20' X 15'	43
2068	5	46.8	0	4	8.0	DfN	Ori	8' X 6'	78
1904	5	24.5	-24	33	8.5	GCl	Lep	8.7'	79
2168	6	8.9	24	20	5.5	OCl	Gem	28.0'	35
2323	7	3.2	-8	20	7.0	OCl	Mon	16.0'	50
2287	6	47.0	-20	44	5.0	OCl	CMa	38.0'	41
2437	7	41.8	-14	49	6.5	OCl	Pup	27.0'	46
2422	7	36.6	-14	30	4.5	OCl	Pup	30.0'	47
2447	7	44.6	-23	52	6.5	OCl	Pup	22.0'	93

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II. The Early Spring Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
2632	8	40.1	19	59	4.0	OCl	Cnc	95.0'	44
2682	8	50.4	11	49	7.5	OCl	Cnc	30.0'	67
2548	8	13.8	-5	48	5.5	OCl	Hya	54.0'	48
3031	9	55.6	69	4	8.5	Gal	UMa	21' X 10'	81
3034	9	55.9	69	41	9.5	Gal	UMa	9' X 4'	82
3587	11	14.8	55	1	12.0	PIN	UMa	202" X 196"	97
3556	11	11.6	55	41	11.0	Gal	UMa	8' X 1'	108
3992	11	57.6	53	23	11.0	Gal	UMa	7' X 4'	109
5457	14	3.3	54	22	8.5	Gal	UMa	22.0'	101
WIN4	12	20.0	58	22	9.0	Dbl	UMa	49"	40
3623	11	18.9	13	6	10.5	Gal	Leo	8' X 1.5'	65
3627	11	20.2	13	0	10.0	Gal	Leo	8' X 2.5'	66
3351	10	43.9	11	42	11.0	Gal	Leo	4.4' X 3.3'	95
3368	10	46.7	11	49	10.5	Gal	Leo	6' X 4'	96
3379	10	47.8	12	35	11.0	Gal	Leo	2.0'	105
5272	13	42.2	28	23	7.0	GCl	CVn	16.2'	3
5194	13	30.0	47	11	8.0	Gal	CVn	11' X 7'	51
5055	13	15.8	42	2	8.5	Gal	CVn	10' X 6'	63
4736	12	50.9	41	8	9.5	Gal	CVn	7' X 3'	94
4258	12	18.9	47	19	9.5	Gal	CVn	19' X 8'	106

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III. The Late Spring Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
4472	12	29.8	8	1	10.0	Gal	Vir	9' X 7.5'	49
4579	12	37.8	11	50	11.0	Gal	Vir	5.5' X 4.5'	58
4621	12	42.1	11	39	11.5	Gal	Vir	5' X 3.5'	59
4649	12	43.7	11	34	10.5	Gal	Vir	7' X 6'	60
4374	12	25.1	12	54	11.0	Gal	Vir	5.0'	84
4406	12	26.3	12	57	11.0	Gal	Vir	7.5' X 5.5'	86
4486	12	30.9	12	24	11.0	Gal	Vir	7.0'	87
4552	12	35.7	12	34	11.5	Gal	Vir	4.0'	89
4569	12	36.9	13	10	11.0	Gal	Vir	9.5' X 4.5'	90
4303	12	22.0	4	29	10.5	Gal	Vir	6' X 5.5'	61
4594	12	39.9	-11	37	9.5	Gal	Vir	9' X 4'	104
5024	13	12.9	18	10	8.5	GCl	Com	12.6'	53
4826	12	56.7	21	41	9.0	Gal	Com	9.3' X 5.4'	64
4382	12	25.5	18	12	10.5	Gal	Com	7.1' X 5.2'	85
4501	12	32.1	14	26	11.0	Gal	Com	7' X 4'	88
4192	12	13.9	14	55	11.0	Gal	Com	9.5' X 3.2'	98
4254	12	18.9	14	26	10.5	Gal	Com	5.4' X 4.8'	99
4321	12	23.0	15	50	10.5	Gal	Com	7' X 6'	100
4548	12	35.5	14	30	11.5	Gal	Com	5.4' X 4.4'	91
4590	12	39.5	-26	45	9.0	GCl	Hya	12.0'	68

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IV. The Mid-summer Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
5236	13	37.1	-29	52	8.5	Gal	Hya	11' X 10'	83
5904	15	18.6	2	5	7.0	GCl	Ser	17.4'	5
5866	15	6.5	55	45	10.5	Gal	Dra	5.2' X 2.3'	102
6205	16	41.7	36	28	7.0	GCl	Her	16.6'	13
6341	17	17.1	43	8	7.5	GCl	Her	11.2'	92
6333	17	19.2	-18	31	9.0	GCl	Oph	9.3'	9
6254	16	57.1	-4	6	7.5	GCl	Oph	15.1'	10
6218	16	47.2	-1	57	8.0	GCl	Oph	14.5'	12
6402	17	37.6	-3	15	9.5	GCl	Oph	11.7'	14
6273	17	2.6	-26	16	8.5	GCl	Oph	13.5'	19
6266	17	1.2	-30	7	8.0	GCl	Oph	14.1'	62
6171	16	32.5	-13	3	10.0	GCl	Oph	10.0'	107
6121	16	23.6	-26	32	7.5	GCl	Sco	26.3'	4
6093	16	17.0	-22	59	8.5	GCl	Sco	8.9'	80
6405	17	40.1	-32	13	4.5	OCl	Sco	15.0'	6
6475	17	53.9	-34	49	3.5	OCl	Sco	80.0'	7

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V. The Late Summer Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
6705	18	51.1	-6	16	7.0	OCl	Sct	14.0'	11
6694	18	45.2	-9	24	9.5	OCl	Sct	15.0'	26
6611	18	18.8	-13	47	6.5	C/N	Ser	7.0'	16
6618	18	20.8	-16	11	7.0	C/N	Sgr	11.0'	17
6613	18	19.9	-17	8	8.0	OCl	Sgr	9.0'	18
6603*	18	18.4	-18	25	11.5	OCl	Sgr	5.0'	24
6514	18	2.3	-23	2	5.0	C/N	Sgr	28.0'	20
6531	18	4.6	-22	30	7.0	OCl	Sgr	13.0'	21
6523	18	3.1	-24	23	5.0	C/N	Sgr	60' X 35'	8
6656	18	36.4	-29	54	6.5	GCl	Sgr	24.0'	22
6626	18	24.5	-24	52	8.5	GCl	Sgr	11.2'	28
6494	17	56.8	-19	1	6.0	OCl	Sgr	27.0'	23
IC4725	18	28.8	-19	17	4.9	OCl	Sgr	40.0'	25
6715	18	55.1	-30	29	8.5	GCl	Sgr	9.1'	54
6809	19	40.0	-30	58	7.0	GCl	Sgr	19.0'	55
6637	18	34.4	-32	21	9.0	GCl	Sgr	7.1'	69
6681	18	43.2	-32	18	9.0	GCl	Sgr	7.8'	70
6864	20	6.1	-21	55	9.5	GCl	Sgr	6.0'	75

* NGC 6603 is only part of M24.

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VI. The Fall and Early Winter Group

NGC	R.A.		Dec.		Mag.	Typ	Con	Size	Messier
6779	19	16.6	30	11	9.5	GCl	Lyr	7.1'	56
6720	18	53.6	33	2	9.5	PIN	Lyr	85.6" X 61.6"	57
6913	20	23.9	38	32	9.0	OCl	Cyg	7.0'	29
7092	21	32.2	48	26	5.5	OCl	Cyg	32.0'	39
6853	19	59.6	22	43	7.5	PIN	Vul	480" X 340"	27
6838	19	53.8	18	47	8.5	GCl	Sge	7.2'	71
7099	21	40.4	-23	11	8.5	GCl	Cap	11.0'	30
7089	21	33.5	-0	49	7.5	GCl	Aqr	12.9'	2
6981	20	53.5	-12	32	10.0	GCl	Aqr	5.9'	72
6994	20	59.0	-12	38	9.0	OCl	Aqr	2.8'	73
7078	21	30.0	12	10	7.5	GCl	Peg	12.3'	15
628	1	36.6	15	48	10.5	Gal	Psc	10.2' X 9.5'	74
1068	2	42.7	-0	2	10.5	Gal	Cet	7' X 6'	77