

MESSIER OBJECTS LOG

NGC #	Data	Notes	Sketch
1 Tau NGC 1952	Date	Time	
	See/Transp	Inst/Power	
	9 PIN	5h 34.5m 22d 1'	6' X 4'
2 Aqr NGC 7089	Date	Time	
	See/Transp	Inst/Power	
	7.5 GCI	21h 33.5m 0d 49'	12.9'
3 CVn NGC 5272	Date	Time	
	See/Transp	Inst/Power	
	7 GCI	13h 42.2m 28d 23'	16.2'
4 Sco NGC 6121	Date	Time	
	See/Transp	Inst/Power	
	7.5 GCI	16h 23.6m -26d 32'	26.3'
5 Ser NGC 5904	Date	Time	
	See/Transp	Inst/Power	
	7 GCI	15h 18.6m 2d 5'	17.4'
6 Sco NGC 6405	Date	Time	
	See/Transp	Inst/Power	
	4.5 OCI	17h 40.1m -32d 13'	15.0'
7 Sco NGC 6475	Date	Time	
	See/Transp	Inst/Power	
	3.5 OCI	17h 53.9m -34d 49'	80.0'
8 Sgr NGC 6523	Date	Time	
	See/Transp	Inst/Power	
	5 C/N	18h 3.1m -24d 23'	60' X 35'
9 Oph NGC 6333	Date	Time	
	See/Transp	Inst/Power	
	9 GCI	17h 19.2m -18d 31'	9.3'
10 Oph NGC 6254	Date	Time	
	See/Transp	Inst/Power	
	7.5 GCI	16h 57.1m -4d 6'	15.1'

MESSIER OBJECTS LOG

NGC #	Data	Notes	Sketch
11 Sct NGC 6705 7 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 51.1m	-6d 16'	
12 Oph NGC 6218 8 GCl	Date	Time	
	See/Transp	Inst/Power	
	16h 47.2m	-1d 57'	
13 Her NGC 6205 7 GCl	Date	Time	
	See/Transp	Inst/Power	
	16h 41.7m	36d 28'	
14 Oph NGC 6402 9.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	17h 37.6m	-3d 15'	
15 Peg NGC 7078 7.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	21h 30m	12d 10'	
16 Ser NGC 6611 6.5 C/N	Date	Time	
	See/Transp	Inst/Power	
	18h 18.8m	-13d 47'	
17 Sgr NGC 6618 7 C/N	Date	Time	
	See/Transp	Inst/Power	
	18h 20.8m	-16d 11'	
18 Sgr NGC 6613 8 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 19.9m	-17d 8'	
19 Oph NGC 6273 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	17h 2.6m	-26d 16'	
20 Sgr NGC 6514 5 C/N	Date	Time	
	See/Transp	Inst/Power	
	18h 2.3m	-23d 2'	

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NGC #	Data	Notes	Sketch
21 Sgr NGC 6531 7 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 4.6m	-22d 30'	13.0'
22 Sgr NGC 6656 6.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	18h 36.4m	-29d 54'	24.0'
23 Sgr NGC 6494 6 OCl	Date	Time	
	See/Transp	Inst/Power	
	17h 56.8m	-19d 1'	27.0'
24 Sgr NGC 6603 11.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 18.4m	-18d 25'	NGC 6603 is only part of M24. 5.0'
25 Sgr IC4725 4.9 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 28.8m	-19d 17'	40.0'
26 Sct NGC 6694 9.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	18h 45.2m	-9d 24'	15.0'
27 Vul NGC 6853 7.5 PIN	Date	Time	
	See/Transp	Inst/Power	
	19h 59.6m	22d 43'	480" X 340"
28 Sgr NGC 6626 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	18h 24.5m	-24d 52'	11.2'
29 Cyg NGC 6913 9 OCl	Date	Time	
	See/Transp	Inst/Power	
	20h 23.9m	38d 32'	7.0'
30 Cap NGC 7099 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	21h 40.4m	-23d 11'	11.0'

MESSIER OBJECTS LOG

NGC #	Data	Notes	Sketch
31 And NGC 224 4.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	0h 42.8m	41d 16'	178'
32 And NGC 221 10 Gal	Date	Time	
	See/Transp	Inst/Power	
	0h 42.8m	40d 52'	8' X 6'
33 Tri NGC 598 7 Gal	Date	Time	
	See/Transp	Inst/Power	
	1h 33.9m	30d 40'	73' X 45'
34 Per NGC 1039 6 OCl	Date	Time	
	See/Transp	Inst/Power	
	2h 42m	42d 47'	35.0'
35 Gem NGC 2168 5.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	6h 8.9m	24d 20'	28.0'
36 Aur NGC 1960 6.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	5h 36.1m	34d 8'	12.0'
37 Aur NGC 2099 6 OCl	Date	Time	
	See/Transp	Inst/Power	
	5h 52.4m	32d 33'	24.0'
38 Aur NGC 1912 7 OCl	Date	Time	
	See/Transp	Inst/Power	
	5h 28.7m	35d 50'	21.0'
39 Cyg NGC 7092 5.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	21h 32.2m	48d 26'	32.0'
40 UMa WIN4 9 Dbl	Date	Time	
	See/Transp	Inst/Power	
	12h 20m	58d 22'	49"

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NGC #	Data	Notes	Sketch
41 CMa NGC 2287 5 OCl	Date	Time	
	See/Transp	Inst/Power	
	6h 47m	-20d 44'	38.0'
42 Ori NGC 1976 5 DfN	Date	Time	
	See/Transp	Inst/Power	
	5h 35.3m	-5d 23'	85' X 60'
43 Ori NGC 1982 7 DfN	Date	Time	
	See/Transp	Inst/Power	
	5h 35.5m	-5d 16'	20' X 15'
44 Cnc NGC 2632 4 OCl	Date	Time	
	See/Transp	Inst/Power	
	8h 40.1m	19d 59'	95.0'
45 Tau NGC 1432 1.4 OCl	Date	Time	
	See/Transp	Inst/Power	
	3h 47m	24d 7'	110.0'
46 Pup NGC 2437 6.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	7h 41.8m	-14d 49'	27.0'
47 Pup NGC 2422 4.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	7h 36.6m	-14d 30'	30.0'
48 Hya NGC 2548 5.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	8h 13.8m	-5d 48'	54.0'
49 Vir NGC 4472 10 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 29.8m	8d 1'	9' X 7.5'
50 Mon NGC 2323 7 OCl	Date	Time	
	See/Transp	Inst/Power	
	7h 3.2m	-8d 20'	16.0'

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NGC #	Data	Notes	Sketch
51 CVn NGC 5194 8 Gal	Date	Time	
	See/Transp	Inst/Power	
	13h 30m	47d 11'	11' X 7'
52 Cas NGC 7654 8 OCl	Date	Time	
	See/Transp	Inst/Power	
	23h 24.2m	61d 35'	13.0'
53 Com NGC 5024 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	13h 12.9m	18d 10'	12.6'
54 Sgr NGC 6715 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	18h 55.1m	-30d 29'	9.1'
55 Sgr NGC 6809 7 GCl	Date	Time	
	See/Transp	Inst/Power	
	19h 40m	-30d 58'	19.0'
56 Lyr NGC 6779 9.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	19h 16.6m	30d 11'	7.1'
57 Lyr NGC 6720 9.5 PIN	Date	Time	
	See/Transp	Inst/Power	
	18h 53.6m	33d 2'	85.6" X 61.6"
58 Vir NGC 4579 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 37.8m	11d 50'	5.5' X 4.5'
59 Vir NGC 4621 11.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 42.1m	11d 39'	5' X 3.5'
60 Vir NGC 4649 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 43.7m	11d 34'	7' X 6'

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NGC #	Data	Notes	Sketch
61 Vir NGC 4303 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 22m	4d 29'	
62 Oph NGC 6266 8 GCl	Date	Time	
	See/Transp	Inst/Power	
	17h 1.2m	-30d 7'	
63 CVn NGC 5055 8.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	13h 15.8m	42d 2'	
64 Com NGC 4826 9 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 56.7m	21d 41'	
65 Leo NGC 3623 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	11h 18.9m	13d 6'	
66 Leo NGC 3627 10 Gal	Date	Time	
	See/Transp	Inst/Power	
	11h 20.2m	13d 0'	
67 Cnc NGC 2682 7.5 OCl	Date	Time	
	See/Transp	Inst/Power	
	8h 50.4m	11d 49'	
68 Hya NGC 4590 9 GCl	Date	Time	
	See/Transp	Inst/Power	
	12h 39.5m	-26d 45'	
69 Sgr NGC 6637 9 GCl	Date	Time	
	See/Transp	Inst/Power	
	18h 34.4m	-32d 21'	
70 Sgr NGC 6681 9 GCl	Date	Time	
	See/Transp	Inst/Power	
	18h 43.2m	-32d 18'	

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NGC #	Data	Notes	Sketch
71 Sge NGC 6838 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	19h 53.8m	18d 47'	7.2'
72 Aqr NGC 6981 10 GCl	Date	Time	
	See/Transp	Inst/Power	
	20h 53.5m	-12d 32'	5.9'
73 Aqr NGC 6994 9 OCl	Date	Time	
	See/Transp	Inst/Power	
	20h 59m	-12d 38'	2.8'
74 Psc NGC 628 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	1h 36.6m	15d 48'	10.2' X 9.5'
75 Sgr NGC 6864 9.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	20h 6.1m	-21d 55'	6.0'
76 Per NGC 650 12 PIN	Date	Time	
	See/Transp	Inst/Power	
	1h 42.4m	51d 34'	163" X 107"
77 Cet NGC 1068 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	2h 42.7m	0d 2'	7' X 6'
78 Ori NGC 2068 8 DfN	Date	Time	
	See/Transp	Inst/Power	
	5h 46.8m	0d 4'	8' X 6'
79 Lep NGC 1904 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	5h 24.5m	-24d 33'	8.7'
80 Sco NGC 6093 8.5 GCl	Date	Time	
	See/Transp	Inst/Power	
	16h 17m	-22d 59'	8.9'

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NGC #	Data	Notes	Sketch
81 UMa NGC 3031 8.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	9h 55.6m	69d 4'	
82 UMa NGC 3034 9.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	9h 55.9m	69d 41'	
83 Hya NGC 5236 8.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	13h 37.1m	-29d 52'	
84 Vir NGC 4374 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 25.1m	12d 54'	
85 Com NGC 4382 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 25.5m	18d 12'	
86 Vir NGC 4406 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 26.3m	12d 57'	
87 Vir NGC 4486 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 30.9m	12d 24'	
88 Com NGC 4501 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 32.1m	14d 26'	
89 Vir NGC 4552 11.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 35.7m	12d 34'	
90 Vir NGC 4569 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 36.9m	13d 10'	

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NGC #	Data	Notes	Sketch
91 Com NGC 4548 11.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 35.5m	14d 30'	
92 Her NGC 6341 7.5 GC1	Date	Time	
	See/Transp	Inst/Power	
	17h 17.1m	43d 8'	
93 Pup NGC 2447 6.5 OC1	Date	Time	
	See/Transp	Inst/Power	
	7h 44.6m	-23d 52'	
94 CVn NGC 4736 9.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 50.9m	41d 8'	
95 Leo NGC 3351 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	10h 43.9m	11d 42'	
96 Leo NGC 3368 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	10h 46.7m	11d 49'	
97 UMa NGC 3587 12 PIN	Date	Time	
	See/Transp	Inst/Power	
	11h 14.8m	55d 1'	
98 Com NGC 4192 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 13.9m	14d 55'	
99 Com NGC 4254 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 18.9m	14d 26'	
100 Com NGC 4321 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 23m	15d 50'	

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NGC #	Data	Notes	Sketch
101 UMa NGC 5457 8.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	14h 3.3m	54d 22'	22.0'
102 Dra NGC 5866 10.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	15h 6.5m	55d 45'	5.2' X 2.3'
103 Cas NGC 581 7 OCl	Date	Time	
	See/Transp	Inst/Power	
	1h 33.2m	60d 42'	6.0'
104 Vir NGC 4594 9.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 39.9m	-11d 37'	9' X 4'
105 Leo NGC 3379 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	10h 47.8m	12d 35'	2.0'
106 CVn NGC 4258 9.5 Gal	Date	Time	
	See/Transp	Inst/Power	
	12h 18.9m	47d 19'	19' X 8'
107 Oph NGC 6171 10 GCl	Date	Time	
	See/Transp	Inst/Power	
	16h 32.5m	-13d 3'	10.0'
108 UMa NGC 3556 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	11h 11.6m	55d 41'	8' X 1'
109 UMa NGC 3992 11 Gal	Date	Time	
	See/Transp	Inst/Power	
	11h 57.6m	53d 23'	7' X 4'
110 And NGC 205 10 Gal	Date	Time	
	See/Transp	Inst/Power	
	0h 40.4m	41d 41'	17' X 10'