Equipment Used:

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MESSIER MARATHON SEQUENCE

for IMAGING/OBSERVING

Date: _____

NAME: _____

Order	Time	Status	M #	Description	NGC	Constellation	Notes
1	8:30:00 PM		**M 77**	Cetus A/Spiral Galaxy	1068	Cetus	
2	8:34:30 PM		**M 74**	Spiral Galaxy	628	Pisces	
3	8:39:00 PM		**M 33**	Pinwheel Galaxy/Spiral Galaxy	598	Triangulum	
4	8:43:30 PM		**M 31**	Andromeda Galaxy/Spiral Galaxy	224	Andromeda	
5	8:48:00 PM		**M 32**	Elliptical Galaxy (Companion of Andromeda)	221	Andromeda	
6	8:52:30 PM		**M 110**	Elliptical Galaxy (Companion of Andromeda)	205	Andromeda	
7	8:57:00 PM		**M 52**	Open Cluster	7654	Cassiopeia	
8	9:01:30 PM		**M 103**	Open Cluster	581	Cassiopeia	
9	9:06:00 PM		**M 76**	Little Dumbbell Nebula/Planetary Nebula (Cork, Butterfly Nebula)	650	Perseus	
10	9:10:30 PM		**M 34**	Open Cluster	1039	Perseus	
11	9:15:00 PM		**M 45**	Pleiades/Open Cluster (Seven Sisters, Subaru)	WNC 4	Taurus	
12	9:19:30 PM		**M 79**	Globular Cluster	1904	Lepus	
13	9:24:00 PM		**M 42**	Orion Nebula/Bright Nebula	1976	Orion	
14	9:28:30 PM		**M 43**	Bright Nebula	1982	Orion	
15	9:33:00 PM		**M 78**	Bright Nebula	2068	Orion	
16	9:37:30 PM		**M 1**	Crab Nebula	1952	Taurus	
17	9:42:00 PM		**M 35**	Open Cluster	2168	Gemini	
18	9:46:30 PM		**M 37**	Open Cluster	2099	Auriga	
19	9:51:00 PM		**M 36**	Open Cluster	1960	Auriga	
20	9:55:30 PM		**M 38**	Open Cluster	1912	Auriga	
21	10:00:00 PM		**M 41**	Open Cluster	2287	Canis Major	
22	10:04:30 PM		**M 93**	Open Cluster	2447	Puppis	
23	10:09:00 PM		**M 47**	Open Cluster	2422	Puppis	
24	10:13:30 PM		**M 46**	Open Cluster	2437	Puppis	
25	10:18:00 PM		**M 50**	Open Cluster	2323	Monoceros	
26	10:22:30 PM		**M 48**	Open Cluster	2548	Hydra	
27	10:27:00 PM		**M 44**	Beehive Cluster/Open Cluster (Praesepe)	2632	Cancer	
28	10:31:30 PM		**M 67**	Open Cluster	2682	Cancer	
29	10:36:00 PM		**M 95**	Spiral Galaxy	3351	Leo	
30	10:40:30 PM		**M 96**	Spiral Galaxy	3368	Leo	
31	10:45:00 PM		**M 105**	Elliptical Galaxy	3379	Leo	
32	10:49:30 PM		**M 65**	Spiral Galaxy (Leo Triplet)	3623	Leo	
33	10:54:00 PM		**M 66**	Spiral Galaxy (Leo Triplet)	3627	Leo	
34	10:58:30 PM		**M 81**	Bode's Nebulae/Spiral Galaxy	3031	Ursa Major	
35	11:03:00 PM		**M 82**	Bode's Nebulae/Spiral Galaxy (Cigar Galaxy)	3034	Ursa Major	
36	11:07:30 PM		**M 97**	Owl Nebula/Planetary Nebula	3587	Ursa Major	
37	11:12:00 PM		**M 108**	Spiral Galaxy	3556	Ursa Major	
38	11:16:30 PM		**M 109**	Spiral Galaxy	3992	Ursa Major	
39	11:21:00 PM		**M 40**	Multiple Star		Ursa Major	

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40	11:25:30 PM		**M 106**	Spiral Galaxy	4258	Canes Venatici	
41	11:30:00 PM		**M 94**	Spiral Galaxy	4736	Canes Venatici	
42	11:34:30 PM		**M 63**	Sunflower Galaxy/Spiral Galaxy	5055	Canes Venatici	
43	11:39:00 PM		**M 51**	Whirlpool Galaxy/Spiral Galaxy	5194	Canes Venatici	
44	11:43:30 PM		**M 101**	Spiral Galaxy	5457	Ursa Major	
45	11:48:00 PM		**M 102**	Spindle Galaxy/Spiral Galaxy	5457	Ursa Major	
46	11:52:30 PM		**M 53**	Globular Cluster	5024	Coma Berenices	
47	11:57:00 PM		**M 64**	Black Eye Galaxy/Spiral Galaxy	4826	Coma Berenices	
48	12:01:30 AM		**M 3**	Globular Cluster	5272	Canes Venatici	
49	12:06:00 AM		**M 98**	Spiral Galaxy	4192	Coma Berenices	
50	12:10:30 AM		**M 85**	Spiral Galaxy	4382	Coma Berenices	
51	12:15:00 AM		**M 99**	Coma Pinwheel Galaxy/Spiral Galaxy	4254	Coma Berenices	
52	12:19:30 AM		**M 100**	Spiral Galaxy	4321	Coma Berenices	
53	12:24:00 AM		**M 84**	Markarian's Chain/Elliptical Galaxy	4374	Virgo	
54	12:28:30 AM		**M 86**	Markarian's Chain/Elliptical Galaxy	4406	Virgo	
55	12:33:00 AM		**M 87**	Virgo A/Elliptical Galaxy	4486	Virgo	
56	12:37:30 AM		**M 89**	Elliptical Galaxy	4552	Virgo	
57	12:42:00 AM		**M 90**	Spiral Galaxy	4569	Virgo	
58	12:46:30 AM		**M 88**	Spiral Galaxy	4501	Coma Berenices	
59	12:51:00 AM		**M 91**	Spiral Galaxy	4548	Coma Berenices	
60	12:55:30 AM		**M 58**	Spiral Galaxy	4579	Virgo	
61	1:00:00 AM		**M 59**	Elliptical Galaxy	4621	Virgo	
62	1:04:30 AM		**M 60**	Elliptical Galaxy	4649	Virgo	
63	1:09:00 AM		**M 49**	Elliptical Galaxy	4472	Virgo	
64	1:13:30 AM		**M 61**	Spiral Galaxy	4303	Virgo	
65	1:18:00 AM		**M 104**	Sombrero Galaxy/Spiral Galaxy	4594	Virgo	
66	1:22:30 AM		**M 68**	Globular Cluster	4590	Hydra	
67	1:27:00 AM		**M 83**	Spiral Galaxy (Southern Pinwheel)	5236	Hydra	
68	1:31:30 AM		**M 5**	Globular Cluster	5904	Serpens	
69	1:36:00 AM		**M 13**	Hercules Cluster/Globular Cluster	6205	Hercules	
70	1:40:30 AM		**M 92**	Globular Cluster	6341	Hercules	
71	1:45:00 AM		**M 57**	Ring Nebula/Planetary Nebula	6720	Lyra	
72	1:49:30 AM		**M 56**	Globular Cluster	6779	Lyra	
73	1:54:00 AM		**M 29**	Open Cluster	6913	Cygnus	
74	1:58:30 AM		**M 39**	Open Cluster	7092	Cygnus	
75	2:03:00 AM		**M 27**	Dumbbell Nebula/Planetary Nebula	6853	Vulpecula	
76	2:07:30 AM		**M 71**	Globular Cluster	6838	SGE	
77	2:12:00 AM		**M 107**	Globular Cluster	6171	Ophiuchus	
78	2:16:30 AM		**M 10**	Globular Cluster	6254	Ophiuchus	

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Order	Time	Status	M #	Description	NGC	Constellation	Notes
79	2:21:00 AM		**M 12**	Globular Cluster	6218	Ophiuchus	
80	2:25:30 AM		**M 14**	Globular Cluster	6402	Ophiuchus	
81	2:30:00 AM		**M 9**	Globular Cluster	6333	Ophiuchus	
82	2:34:30 AM		**M 4**	Globular Cluster	6121	Scorpius	
83	2:39:00 AM		**M 80**	Globular Cluster	6093	Scorpius	
84	2:43:30 AM		**M 19**	Globular Cluster	6273	Ophiuchus	
85	2:48:00 AM		**M 62**	Globular Cluster	6266	Ophiuchus	
86	2:52:30 AM		**M 6**	Butterfly cluster	6405	Scorpius	
87	2:57:00 AM		**M 7**	Ptolemy's Cluster	6475	Scorpius	
88	3:01:30 AM		**M 11**	Wild Duck Cluster/Open Cluster	6705	Scutum	
89	3:06:00 AM		**M 26**	Open Cluster	6694	Sagittarius	
90	3:10:30 AM		**M 16**	Eagle Nebula/Bright Nebula	6611	Serpens	
91	3:15:00 AM		**M 17**	Omega Nebula/Bright Nebula (Swan, Horseshoe, Lobster Nebula)	6618	Sagittarius	
92	3:19:30 AM		**M 18**	Open Cluster	6613	Sagittarius	
93	3:24:00 AM		**M 24**	Sagittarius Star Cloud/Open Cluster	6603	Sagittarius	
94	3:28:30 AM		**M 25**	Open Cluster	IC 4725	Sagittarius	
95	3:33:00 AM		**M 23**	Open Cluster	6494	Sagittarius	
96	3:37:30 AM		**M 21**	Open Cluster	6531	Sagittarius	
97	3:42:00 AM		**M 20**	Trifid Nebula/Bright Nebula	6514	Sagittarius	
98	3:46:30 AM		**M 8**	Lagoon nebula	6523	Sagittarius	
99	3:51:00 AM		**M 28**	Globular Cluster	6626	Sagittarius	
100	3:55:30 AM		**M 22**	Globular Cluster	6656	Sagittarius	
101	4:00:00 AM		**M 69**	Globular Cluster	6637	Sagittarius	
102	4:04:30 AM		**M 70**	Globular Cluster	6681	Sagittarius	
103	4:09:00 AM		**M 54**	Globular Cluster	6715	Sagittarius	
104	4:13:30 AM		**M 55**	Globular Cluster	6809	Sagittarius	
105	4:18:00 AM		**M 75**	Globular Cluster	6864	Sagittarius	
106	4:22:30 AM		**M 15**	Globular Cluster	7078	Pegasus	
107	4:27:00 AM		**M 2**	Globular Cluster	7089	Aquarius	
108	4:31:30 AM		**M 72**	Globular Cluster	6981	Aquarius	
109	4:36:00 AM		**M 73**	Open Cluster (Asterism)	6994	Aquarius	
110	4:40:30 AM		**M 30**	Globular Cluster	7099	Capricornus	