

2010 Messier Marathon

Joe Stieber, 12.5-inch Dobsonian, Rigel QuickFinder, March 17-18, Coyle Field, NJ

#	M-Number	Time Found	Δ Time
1	42	7:50 PM	0:00
2	43	7:50 PM	0:00
3	45	7:52 PM	0:02
4	81	7:57 PM	0:07
5	82	7:57 PM	0:07
6	40	8:02 PM	0:12
7	31	8:07 PM	0:17
8	32	8:07 PM	0:17
9	103	8:07 PM	0:17
10	110	8:16 PM	0:26
11	33	8:32 PM	0:42
12	77	8:50 PM	1:00
13	34	8:58 PM	1:08
14	76	9:02 PM	1:12
15	79	9:03 PM	1:13
16	78	9:11 PM	1:21
17	50	9:35 PM	1:45
18	47	9:36 PM	1:46
19	46	9:36 PM	1:46
20	41	9:38 PM	1:48
21	93	9:45 PM	1:55
22	52	9:50 PM	2:00
23	1	9:51 PM	2:01
24	36	9:52 PM	2:02
25	37	9:52 PM	2:02
26	38	9:52 PM	2:02
27	35	9:54 PM	2:04
28	48	9:57 PM	2:07
29	44	9:59 PM	2:09
30	67	9:59 PM	2:09
31	65	10:00 PM	2:10
32	66	10:00 PM	2:10
33	95	10:02 PM	2:12
34	96	10:02 PM	2:12
35	105	10:02 PM	2:12
36	53	10:03 PM	2:13
37	3	10:09 PM	2:19
38	64	10:12 PM	2:22
39	85	10:19 PM	2:29
40	51	10:22 PM	2:32
41	101	10:24 PM	2:34
42	106	10:28 PM	2:38
43	97	10:29 PM	2:39
44	108	10:29 PM	2:39
45	109	10:30 PM	2:40
46	102	10:52 PM	3:02
47	63	10:55 PM	3:05
48	94	10:56 PM	3:06
49	68	11:00 PM	3:10
50	104	11:03 PM	3:13
51	61	11:08 PM	3:18
52	49	11:39 PM	3:49
53	58	11:47 PM	3:57

Eastern Daylight Time

Sunset: 7:07 PM

End of Twilight: 8:37 PM

Moon Set: 9:14 PM

4.6% illuminated at 8:30 PM

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#	M-Number	Time Found	Δ Time	Eastern Daylight Time
54	59	11:47 PM	3:57	
55	60	11:47 PM	3:57	
56	89	11:54 PM	4:04	
57	90	11:54 PM	4:04	Tuesday March 17
58	84	12:05 AM	4:15	Wednesday March 18
59	86	12:05 AM	4:15	
60	87	12:05 AM	4:15	
61	88	12:08 AM	4:18	
62	91	12:08 AM	4:18	
63	98	12:10 AM	4:20	
64	99	12:10 AM	4:20	
65	100	12:10 AM	4:20	
66	83	1:18 AM	5:28	
67	13	1:24 AM	5:34	1:23 AM
68	92	1:24 AM	5:34	Comet 81P/Wild
69	57	1:25 AM	5:35	
70	56	2:00 AM	6:10	
71	29	2:02 AM	6:12	
72	5	2:12 AM	6:22	
73	12	2:16 AM	6:26	
74	10	2:18 AM	6:28	
75	107	2:23 AM	6:33	
76	80	2:25 AM	6:35	
77	4	2:28 AM	6:38	
78	39	2:42 AM	6:52	
79	14	2:47 AM	6:57	
80	71	2:55 AM	7:05	
81	27	3:13 AM	7:23	
82	9	3:24 AM	7:34	
83	19	3:45 AM	7:55	
84	62	3:58 AM	8:08	
85	11	4:15 AM	8:25	4:13 AM
86	26	4:27 AM	8:37	Comet C/2009 K5 (McNaught)
87	16	4:30 AM	8:40	
88	17	4:30 AM	8:40	
89	18	4:30 AM	8:40	
90	6	4:31 AM	8:41	
91	7	4:31 AM	8:41	
92	8	4:34 AM	8:44	
93	20	4:34 AM	8:44	
94	21	4:34 AM	8:44	
95	23	4:38 AM	8:48	
96	24	4:40 AM	8:50	
97	25	4:41 AM	8:51	
98	22	4:42 AM	8:52	
99	28	4:42 AM	8:52	
100	15	5:04 AM	9:14	
101	69	5:05 AM	9:15	
102	54	5:10 AM	9:20	Twilight Begins: 5:34 AM
103	70	5:12 AM	9:22	Sunrise: 7:04 AM