

## Messier Marathon Checkoff List

<b>8 p.m.</b> <sup>1</sup>	74 <sup>4</sup> , 77, 52, 31/32/110, 33, 103, 111/112, 76, 34
<b>9 p.m.</b>	79, 41, 42/43, 78, 45, 1
<b>9:30 p.m.</b>	36, 37, 38, 35, 50, 46/47, 93, 48, 67, 44
<b>10:15 p.m.</b>	95/96/105, 65/66
<b>10:45 p.m.</b>	81/82, 97/108, 109, 40, 106, 101, 102, 51, 63, 94
<b>11:15 p.m.</b>	3, 53, 64, 104, 68, 83, 5, 13, 92
<b>1 to 1:30 a.m.</b> <sup>2</sup> (or earlier)	Virgo Galaxy Cluster 85, 100, 99, 98, 88/91, 89/90, 58, 59/60, 87, 84/86, 49, 61
<b>2 to 3 a.m.</b> <sup>3</sup>	12, 10, 107, 80, 4, 14, 57, 56, 9, 19, 62, 29, 39, 27, 71
<b>4 a.m.</b>	11, 26, 16, 17, 18, 24, 25, 23, 20/21, 8, 22, 28, 6, 7
<b>4:30 a.m.</b>	54, 70, 69, 55, 75, 15, 72/73, 2
<b>5:15 to 5:30 a.m.</b>	30 <sup>4</sup>

**Congratulations. You've completed a marathon of the highest order!**

- Notes**
- <sup>1</sup> Start when it first gets dark at your location. The actual starting time (as well as the other times indicated) will vary depending on your latitude and location in the time zone.
  - <sup>2</sup> These galaxies will be on or near your southern meridian at about this time.
  - <sup>3</sup> Don't dilly-dally from this point on because dawn will sneak up on you fast. Work ahead as much as possible.
  - <sup>4</sup> Often, either M74 or M30 may not be observed because they get lost in the glow of sunlight. However, they may be visible and located with a "larger" telescope on a GO TO mount.