

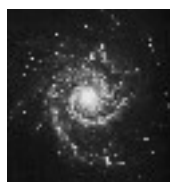
This file presents the Messier objects in the order of the Marathon Search Sequence given by **Don Machholz** in his *Messier Marathon Observer's Guide*.

The Messier Marathon Search Sequence

compiled online by Hartmut Frommert, using work of Don Machholz. Depending on geographic location, it may be impossible to find them all, and may be better to slightly modify this list. In case of doubt consult Don Machholz's book. This list should be good for northern latitudes 20 to 40.



M77 spiral galaxy *in Cetus*



M74 spiral galaxy *in Pisces*



M33 The Triangulum Galaxy (also Pinwheel) spiral galaxy *in Triangulum*



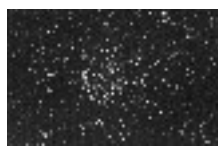
M31 The Andromeda Galaxy spiral galaxy *in Andromeda*



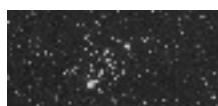
M32 Satellite galaxy of M31 elliptical galaxy *in Andromeda*



M110 Satellite galaxy of M31 elliptical galaxy *in Andromeda*



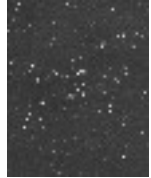
M52 open cluster *in Cassiopeia*



M103 open cluster *in Cassiopeia*



M76 The Little Dumbbell, Cork, or Butterfly planetary nebula *in Perseus*



M34 open cluster *in Perseus*



M45 Subaru, the Pleiades--the Seven Sisters open cluster *in Taurus*



M79 globular cluster *in Lepus*



M42 The Great Orion Nebula diffuse nebula *in Orion*



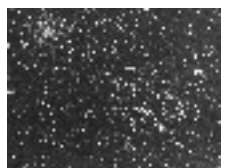
M43 part of the Orion Nebula (de Mairan's Nebula) diffuse nebula *in Orion*



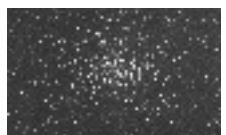
M78 diffuse reflection nebula *in Orion*



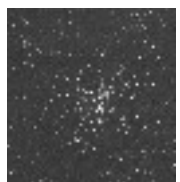
M1 The Crab Nebula supernova remnant *in Taurus*



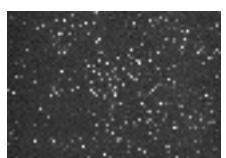
M35 open cluster *in Gemini*



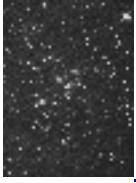
M37 open cluster *in Auriga*



M36 open cluster *in Auriga*



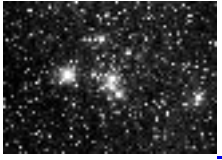
M38 open cluster *in Auriga*



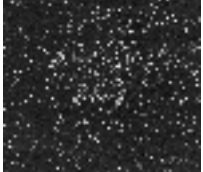
M41 open cluster *in Canis Major*



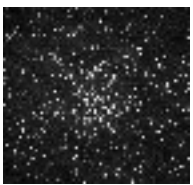
M93 open cluster *in Puppis*



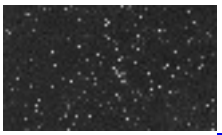
M47 open cluster *in Puppis*



M46 open cluster *in Puppis*



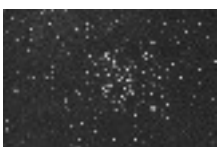
M50 open cluster *in Monoceros*



M48 open cluster *in Hydra*



M44 Praesepe, the Beehive Cluster open cluster *in Cancer*



M67 open cluster *in Cancer*



M95 spiral galaxy *in Leo*



M96 spiral galaxy *in Leo*



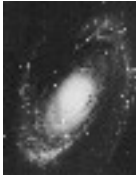
M105 elliptical galaxy *in Leo*



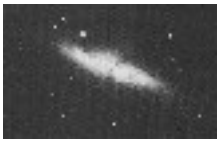
M65 spiral galaxy *in Leo*



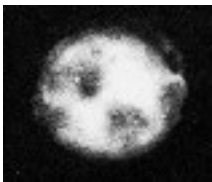
M66 spiral galaxy *in Leo*



M81 Bode's Galaxy (nebula) spiral galaxy *in Ursa Major*



M82 Cigar Galaxy irregular galaxy *in Ursa Major*



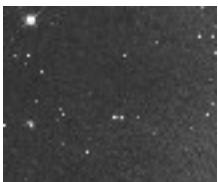
M97 The Owl Nebula planetary nebula *in Ursa Major*



M108 spiral galaxy *in Ursa Major*



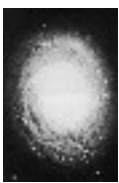
M109 spiral galaxy *in Ursa Major*



M40 Double Star WNC4 *in Ursa Major*



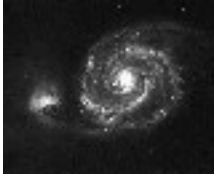
M106 spiral galaxy *in Canes Venatici*



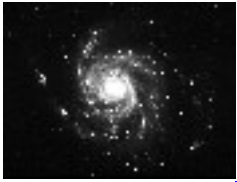
M94 spiral galaxy *in Canes Venatici*



M63 Sunflower galaxy spiral galaxy *in Canes Venatici*



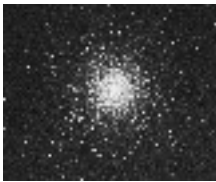
M51 The Whirlpool Galaxy *in Canes Venatici*



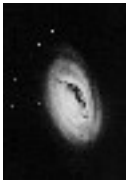
M101 The Pinwheel Galaxy spiral galaxy *in Ursa Major* (**M102** may be a duplication of M101)



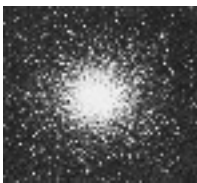
M102 Spindle Galaxy (NGC 5866) lenticular (S0) Galaxy *in Draco*



M53 globular cluster *in Coma Berenices*



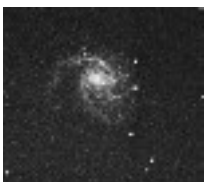
M64 Blackeye galaxy spiral galaxy *in Coma Berenices*



M3 globular cluster *in Canes Venatici*



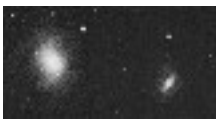
M98 spiral galaxy *in Coma Berenices*



M99 spiral galaxy *in Coma Berenices*



M100 spiral galaxy *in Coma Berenices*



M85 lenticular (S0) Galaxy *in Coma Berenices*



M84 lenticular (S0) Galaxy *in Virgo*



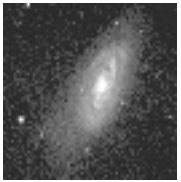
M86 lenticular (S0) Galaxy *in Virgo*



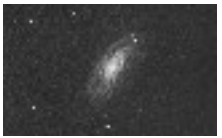
M87 Virgo A elliptical galaxy *in Virgo*



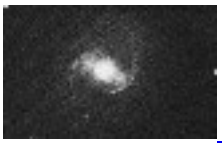
M89 elliptical galaxy *in Virgo*



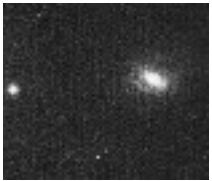
M90 spiral galaxy *in Virgo*



M88 spiral galaxy *in Coma Berenices*



M91 spiral galaxy *in Coma Berenices*



M58 spiral galaxy *in Virgo*



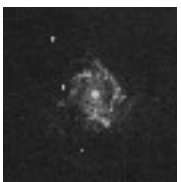
M59 elliptical galaxy *in Virgo*



M60 elliptical galaxy *in Virgo*



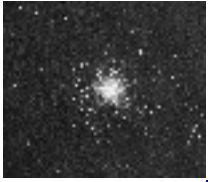
M49 elliptical galaxy *in Virgo*



M61 spiral galaxy *in Virgo*



M104 The Sombrero Galaxy spiral galaxy [*in Virgo*](#)



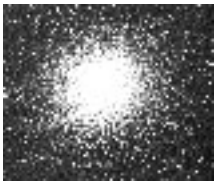
M68 globular cluster [*in Hydra*](#)



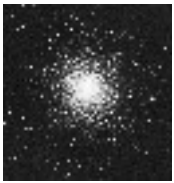
M83 Southern Pinwheel Galaxy spiral galaxy [*in Hydra*](#)



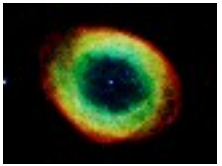
M5 globular cluster [*in Serpens Caput*](#)



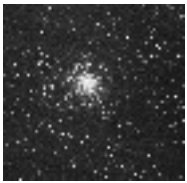
M13 Great Hercules Globular Cluster globular cluster [*in Hercules*](#)



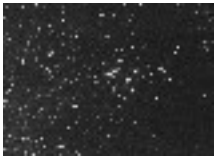
M92 globular cluster [*in Hercules*](#)



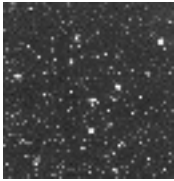
M57 The Ring Nebula planetary nebula [*in Lyra*](#)



M56 globular cluster [*in Lyra*](#)



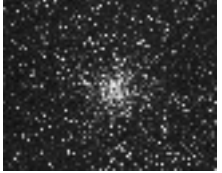
M29 open cluster [*in Cygnus*](#)



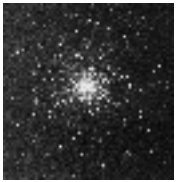
M39 open cluster [*in Cygnus*](#)



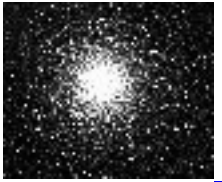
M27 The Dumbbell Nebula planetary nebula [*in Vulpecula*](#)



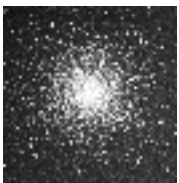
[**M71**](#) globular cluster *in Sagitta*



[**M107**](#) globular cluster *in Ophiuchus*



[**M10**](#) globular cluster *in Ophiuchus*



[**M12**](#) globular cluster *in Ophiuchus*



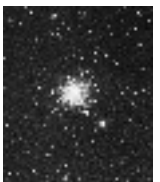
[**M14**](#) globular cluster *in Ophiuchus*



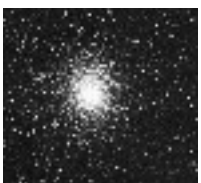
[**M9**](#) globular cluster *in Ophiuchus*



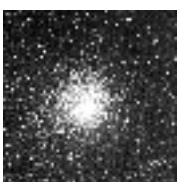
[**M4**](#) globular cluster *in Scorpius*



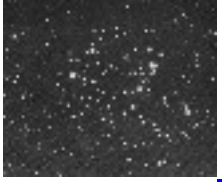
[**M80**](#) globular cluster *in Scorpius*



[**M19**](#) globular cluster *in Ophiuchus*



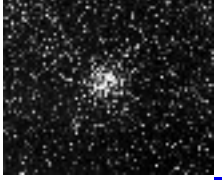
[**M62**](#) globular cluster *in Ophiuchus*



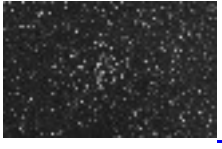
M6 The **Butterfly Cluster** open cluster [*in Scorpius*](#)



M7 **Ptolemy's Cluster** open cluster [*in Scorpius*](#)



M11 The **Wild Duck Cluster** open cluster [*in Scutum*](#)



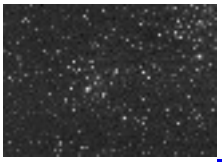
M26 open cluster [*in Scutum*](#)



M16 open cluster associated with the **Eagle Nebula** or **Star Queen Nebula** IC 4703 [*in Serpens Cauda*](#)



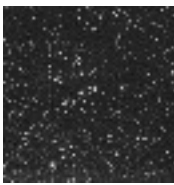
M17 The **Omega** or **Swan** or **Horseshoe** or **Lobster Nebula** diffuse nebula [*in Sagittarius*](#)



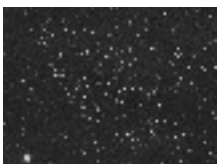
M18 open cluster [*in Sagittarius*](#)



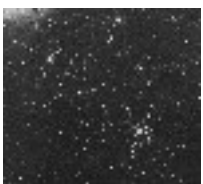
M24 **Milky Way Patch** star cloud with open cluster NGC 6603 [*in Sagittarius*](#)



M25 open cluster [*in Sagittarius*](#)



M23 open cluster [*in Sagittarius*](#)



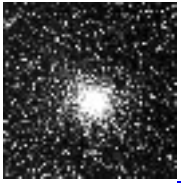
M21 open cluster [*in Sagittarius*](#)



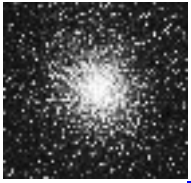
M20 The **Trifid Nebula** diffuse nebula *in Sagittarius*



M8 The **Lagoon Nebula** diffuse nebula *in Sagittarius*



M28 globular cluster *in Sagittarius*



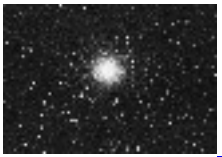
M22 globular cluster *in Sagittarius*



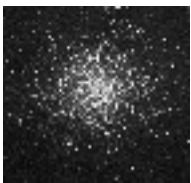
M69 globular cluster *in Sagittarius*



M70 globular cluster *in Sagittarius*



M54 globular cluster *in Sagittarius*



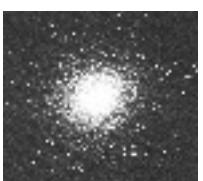
M55 globular cluster *in Sagittarius*



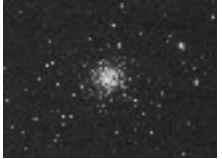
M75 globular cluster *in Sagittarius*



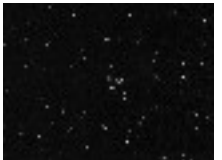
M15 globular cluster *in Pegasus*



M2 globular cluster *in Aquarius*



[M72](#) globular cluster *in Aquarius*



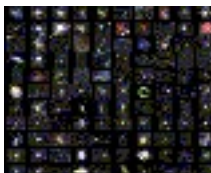
[M73](#) open cluster *in Aquarius*



[M30](#) globular cluster *in Capricornus*

[Messier Marathon Home](#)

[Hartmut Frommert](#)
[Christine Kronberg](#)
[\[contact\]](#)



Last Modification: February 4, 1998