

Messier Marathon Log

Location: Houston Astronomical Society Dark Site

Observer: _____ Date: _____

Sky Conditions: _____ E-mail _____

Seeing: Excellent, Very Good, Good, Fair, Poor. Transparency: # of Little Dipper stars seen, 7 is best

E-mail address you want your certificate sent

Instrument & Aperture: _____ Go-To? ____ Imaging? ____ EAA? ____ Star Hop? ____ Binocular? ____

Check off	Messier #	Constellation	Object	Bino?	Difficulty	Time	Tx45?	Description for HAS Texas 45 If Tx45? column is Y, include eyepiece focal length in description, e.g., 20mm ** Description not required for marathon **
	M74	Pisces	galaxy		difficult			
	M77	Cetus	galaxy		moderate		Y	
	M31	Andromeda	galaxy	Y	easy		Y	
	M110	Andromeda	galaxy		difficult			
	M32	Andromeda	galaxy		moderate			
	M33	Triangulum	galaxy	Y	moderate		Y	
	M34	Perseus	open cluster	Y	easy			

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	M76	Perseus	planetary nebula		moderate		Y	
	M79	Lepus	globular cluster		moderate			
	M42	Orion	diffuse nebula	Y	easy		Y	
	M43	Orion	diffuse nebula	Y	easy			
	M78	Orion	diffuse nebula	y	moderate		Y	
	M50	Monoceros	open cluster	Y	moderate			
	M47	Puppis	open cluster	Y	moderate			
	M46	Puppis	open cluster	Y	moderate		Y	
	M41	Canis Major	open cluster	y	easy		Y	
	M93	Puppis	open cluster	Y	moderate		Y	

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	M52	Cassiopeia	open cluster	Y	moderate			
	M103	Cassiopeia	open cluster	Y	moderate			
	M1	Taurus	supernova remnant		moderate			
	M45	Taurus	open cluster	Y	easy		Y	
	M36	Auriga	open cluster	Y	moderate			
	M38	Auriga	open cluster	Y	moderate			
	M37	Auriga	open cluster	Y	moderate		Y	
	M35	Gemini	open cluster	Y	easy		Y	
	M48	Hydra	open cluster	Y	easy			
	M44	Cancer	open cluster	Y	easy		Y	

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	M67	Cancer	open cluster	Y	easy			
	M65	Leo	galaxy	Y	moderate			
	M66	Leo	galaxy	Y	moderate			
	M95	Leo	galaxy		difficult			
	M96	Leo	galaxy		difficult			
	M105	Leo	galaxy		difficult		Y	
	M3	Canes Venatici	globular cluster	Y	moderate			
	M53	Coma Berenices	globular cluster		moderate			
	M64	Coma Berenices	galaxy		moderate		Y	
	M85	Coma Berenices	galaxy		moderate			

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	M51	Canes Venatici	galaxy	Y	moderate		Y	
	M101/102	Ursa Major	galaxy		moderate			
	M106	Canes Venatici	galaxy	Y	moderate			
	M40	Ursa Major	double star		difficult		Y	
	M81	Ursa Major	galaxy	Y	moderate			
	M82	Ursa Major	galaxy	Y	moderate			
	M97	Ursa Major	planetary nebula		difficult		Y	
	M108	Ursa Major	galaxy		difficult			
	M109	Ursa Major	galaxy		difficult			
	M102(Alt.) NGC5866	Draco	galaxy		difficult			

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	M63	Canes Venatici	galaxy	Y	moderate			
	M94	Canes Venatici	galaxy	Y	moderate			
	M68	Hydra	globular cluster	Y	moderate			
	M83	Hydra	galaxy		difficult			
	M104	Virgo	galaxy		moderate		Y	
	M61	Virgo	galaxy		moderate			
	M49	Virgo	galaxy	Y	moderate			
	M58	Virgo	galaxy		moderate			
	M59	Virgo	galaxy		moderate			
	M60	Virgo	galaxy		moderate			

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	M84	Virgo	galaxy		moderate			
	M86	Virgo	galaxy		moderate			
	M87	Virgo	galaxy	Y	moderate			
	M88	Coma Berenices	galaxy		difficult			
	M89	Virgo	galaxy		Difficult			
	M90	Virgo	galaxy	?	Difficult			
	M91	Coma Berenices	galaxy		difficult			
	M98	Coma Berenices	galaxy		moderate			
	M99	Coma Berenices	galaxy		moderate			
	M100	Coma Berenices	galaxy		moderate			

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	M13	Hercules	globular cluster	Y	easy		Y	
	M92	Hercules	globular cluster	Y	moderate		Y	
	M56	Lyra	globular cluster	Y	moderate			
	M57	Lyra	planetary nebula		moderate			
	M71	Sagitta	globular cluster		moderate			
	M27	Vulpecula	planetary nebula	Y	easy		Y	
	M29	Cygnus	open cluster	Y	moderate			
	M39	Cygnus	open cluster	Y	moderate			
	M5	Serpens Caput	globular cluster	Y	moderate		Y	
	M10	Ophiuchus	globular cluster	Y	moderate			

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	M12	Ophiuchus	globular cluster		moderate			
	M107	Ophiuchus	globular cluster		moderate			
	M9	Ophiuchus	globular cluster	Y	moderate			
	M14	Ophiuchus	globular cluster		moderate			
	M11	Scutum	open cluster	Y	easy		Y	
	M26	Scutum	open cluster		difficult			
	M16	Serpens Cauda	open cluster	Y	easy		Y	
	M17	Sagittarius	diffuse nebula	Y	easy		Y	
	M18	Sagittarius	open cluster		moderate			
	M6	Scorpius	open cluster	Y	easy		Y	

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	M7	Scorpius	open cluster	Y	easy		Y	
	M19	Ophiuchus	globular cluster	?	moderate			
	M62	Ophiuchus	globular cluster		moderate			
	M4	Scorpius	globular cluster	Y	easy		Y	
	M80	Scorpius	globular cluster	Y	easy			
	M8	Sagittarius	diffuse nebula	Y	easy		Y	
	M20	Sagittarius	diffuse nebula	Y	easy		Y	
	M21	Sagittarius	open cluster		easy			
	M23	Sagittarius	open cluster		easy		Y	
	M24	Sagittarius	star cloud		easy			

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	M25	Sagittarius	open cluster	Y	easy			
	M22	Sagittarius	globular cluster	Y	easy			
	M28	Sagittarius	globular cluster	Y	easy			
	M54	Sagittarius	globular cluster		difficult			
	M69	Sagittarius	globular cluster		difficult			
	M70	Sagittarius	globular cluster		difficult			
	M55	Sagittarius	globular cluster	Y	moderate			
	M75	Sagittarius	globular cluster		difficult			
	M15	Pegasus	globular cluster	Y	easy		Y	
	M2	Aquarius	globular cluster	Y	moderate			

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	M72	Aquarius	globular cluster		difficult			
	M73	Aquarius	OC or asterism		difficult			
	M30	Capricornus	open cluster		difficult		Y	

Notes: Enter observing notes, star party experience, or what you'd like to do next year. You can also help out in small ways, ad hoc. Let us know :)