

Messier #	Common Name	Object Type	Constellation	Magnitude	Viewed from	Observation notes
M1	Crab Nebula	Supernova remnant	Taurus	8.4	10" Scope	20:13 hrs
M2		Globular Cluster	Aquarius	6.3		
M3		Globular Cluster	Canes Venatici	6.2	12" Scope	03:38 hrs
M4		Globular Cluster	Scorpius	5.9	Bino (10x50)	03:39 hrs Just near the head of Scorpius
M5	Rose cluster	Globular Cluster	Serpens	6.7		
M6	Butterfly Cluster		Scorpius	4.2	Bino (10x50)	
M7	Ptolemy's cluster	Open Cluster	Scorpius	3.3	Bino (10x50)	03:30 hrs Within same FOV
M8	Lagoon Nebula	Emission Nebula	Sagittarius	6	Bino (10x50)	03:47 hrs
M9		Globular Cluster	Ophiuchus	8.4		
M10		Globular Cluster	Ophiuchus	6.4	Bino (10x50)	
M12		Globular Cluster	Ophiuchus	7.7	Bino (10x50)	03:44 hrs Within same FOV
M11	Wild Duck Cluster	Open Cluster	Scutum	6.3		
M13	Great Hercules Globular	Globular Cluster	Hercules	5.8	12" Scope	03:24 hrs
M14		Globular Cluster	Ophiuchus	8.3		
M15	Great Pegasus Globular	Globular Cluster	Pegasus	6.2		
M16	Eagle Nebula	Emission Nebula	Serpens	6	Bino (10x50)	
M17	Omega Nebula / Swan Nebula	Emission Nebula	Sagittarius	6	Bino (10x50)	04:19 hrs Within same FOV
M18			Sagittarius	7.5		
M19		Globular Cluster	Ophiuchus	7.7		
M20	Trifid Nebula	Nebula	Sagittarius	6.3	Bino (10x50)	
M21	Webb's Cross		Sagittarius	6.5	Bino (10x50)	03:47 hrs Within same FOV
M22	Sagittarius Cluster	Globular Cluster	Sagittarius	5.1	8" Scope	04:43 hrs
M23			Sagittarius	6.9	Bino (10x50)	
M24	Sagittarius Star Cloud	Star Cloud	Sagittarius	4.6	Bino (10x50)	04:20 hrs One after the other in nearly straight line ..hazy patches
M25			Sagittarius	6.5	Bino (10x50)	
M26			Scutum	8		
M27	Dumbbell Nebula	Planetary Nebula	Vulpecula	7.5	10" Scope	04:35 hrs
M28		Globular Cluster	Sagittarius	7.7		
M29			Cygnus	7.1		
M30		Globular Cluster	Capricornus	7.7		
M31	Andromeda Galaxy	Spiral Galaxy	Andromeda	3.1		
M32		Elliptical Galaxy	Andromeda	8.1		
M33	Triangulum Galaxy	Spiral Galaxy	Triangulum	5.7		
M34	Spiral Cluster	Open Cluster	Perseus	5.5	Bino (10x50)	19:38 hrs Hopped from Capella to Mirafak . Left of mirafak is Algol . To confirm it was Algol, I noticed a pattern: one star to its left, and one above and below , forming a sort of cruciform shape. From Algol, moving straight down leads to Almach. Between Algol and Almach, I observed a hazy patch , this turned out to be M34. Viewed through 20x70 binoculars, the cluster was partially resolved, and individual stars were visible.
M35	Shoe-Buckle Cluster	Open Cluster	Gemini	5.3	Bino (10x50)	21:03 hrs Visible near to leg of Gemini . Easily visible through Bino
M36	Pinwheel Cluster	Open Cluster	Auriga	6.3	Bino (10x50)	20:50 hrs Inside Auriga, I noticed a pattern of stars forming two parallel lines, like: ****
M37	January Salt-and-Pepper Cluster	Open Cluster	Auriga	6.2	Bino (10x50)	**** Near this pattern, I identified two hazy patches, one above the other, Upper patch was M36 & lower patch was Messier 38
M38	Starfish Cluster	Open Cluster	Auriga	7.4	Bino (10x50)	From M36, I moved upward along the same line, slightly outside Auriga. There, I found another hazy patch which was M37
M39			Cygnus	4.6		All three clusters appeared to form a rough straight line, slightly tilted toward the right.

M40	Winnecke 4		Ursa Major	8.4	12" Scope	03:26 hrs Double Star
M41	Little Beehive Cluster	Open Cluster	Canis Major	4.6	Bino (10*50)	20:41 hrs While finding M46 and M47, I accidentally went little down of Canis Major head and saw one cluster. Later found through stellarium that it was M41
M42	Great Nebula in Orion	Nebula	Orion	4	Bino (10*50)	19:49 hrs
M43	De Mairan's Nebula	Nebula	Orion	9	10" Scope	20:33 hrs Near to M42. Thanks to Vishwa for helping
M44	Beehive Cluster	Open Cluster	Cancer	3.7	Bino (10*50)	19:53 hrs Observed when it was at zenith...near to castor and pollux . Was visible through naked eye as well
M45	Pleiades	Open Cluster	Taurus	1.6	Bino (10*50)	19:49 hrs
M46		Open Cluster	Puppis	10	Bino (10*50)	20:41 hrs Started from Sirius and traced the outline of the head of Canis Major. From there, I moved towards the left and located two hazy patches. Upper one was M46 , and lower was M47. M46 appeared as a diffuse hazy patch with no individual stars resolved through Bino. Also observed this using 10" scope and could see one bubble kind of thing inside which was a planetary nebula . Thanks to Obuli for showing that .
M47		Open Cluster	Puppis	5.2	Bino (10*50)	M47 appeared brighter and more distinct, with some individual stars visible within the cluster
M48		Open Cluster	Hydra	5.5	Bino (10*50)	21:35 hrs Was trying a lot to hop through monoceros but all in vain . What helped was hopping through open clusters which I saw earlier keeping canis major as reference . So , I first pointed to M41 , then slowly to M47 . Through stellarium I saw that m48 was in straight line of M47 and little up . So , i kept going up from M47 and then I noticed a big hazy patch . To confirm if it is m48 , there are three stars in line little above m48 as seen through stellarium and visually also I could see the same
M49		Elliptical Galaxy	Virgo	9.4	12" Scope	03:00 hrs
M50	Heart-Shaped Cluster	Open Cluster	Monoceros	6.3	Bino (10*50)	21:10 hrs Hopped from canis major head..little top towards right . To verify if I was correct, from stellarium I saw two more stars in straight line below it. Was then assured that the patch was M50
M51	Whirlpool Galaxy	Spiral Galaxy	Canes Venatici	8.4	Bino (10*50)	00:43 hrs With great difficulty found through Bino , near to tail of Ursa Major. Through bino, go to end of tail ...towards left two stars in vertical position...go little up and then m51 should be in between of 4 stars in straight line , 3 in bow shape , 2 in left
M52			Cassiopeia	7.3		
M53		Globular Cluster	Coma Berenices	8.3		
M54		Globular Cluster	Sagittarius	8.4		
M55		Globular Cluster	Sagittarius	6.3		
M56		Globular Cluster	Lyra	8.3		
M57	Ring Nebula	Planetary Nebula	Lyra	8.8	16" Scope	02:51 hrs One big circular patch
M58		Barred Spiral Galaxy	Virgo	9.8		
M59		Elliptical Galaxy	Virgo	9.8	12" Scope	
M60		Elliptical Galaxy	Virgo	9.8	12" Scope	03:10 hrs Visible within same FOV
M61	Swelling Spiral Galaxy	Spiral Galaxy	Virgo	10.2	12" Scope	03:24 hrs - very faint
M62		Globular Cluster	Ophiuchus	6.6		
M63	Sunflower Galaxy	Spiral Galaxy	Canes Venatici	9.3	12" Scope	03:46 hrs
M64	Black Eye Galaxy	Spiral Galaxy	Coma Berenices	9.8	12" Scope	01:39 hrs
M65	Leo Triplet	Spiral Galaxy	Leo	10.3	12" Scope	
M66	Leo Triplet	Spiral Galaxy	Leo	8.9	12" Scope	02:04 hrs
M67	Golden-Eye Cluster	Open Cluster	Cancer	6.1	Bino (10*50)	00:53 hrs Top left of cancer constellation...fuzzy patch
M68		Globular Cluster	Hydra	8	Bino (10*50)	01:18 hrs really faint through Bini but I am sure about the star hopping pattern that I went through
M69		Globular Cluster	Sagittarius	8.3		
M70		Globular Cluster	Sagittarius	9.1		
M71		Globular Cluster	Sagitta	6.1		
M72		Globular Cluster	Aquarius	9.4		
M73			Aquarius	9		

M74		Spiral Galaxy	Pisces	10		
M75		Globular Cluster	Sagittarius	8.6	10" Scope	04:37 hrs
M76	Little Dumbbell Nebula	Planetary Nebula	Perseus	12		
M77		Spiral Galaxy	Cetus	9.6		
M78	Casper the Friendly Ghost Nebula	Reflection Nebula	Orion	8	Bino (10*50)	20:28 hrs Using star hopping, I started from Alnitak and moved slightly upward to the right. In that region, I identified a pattern of about five stars forming a bow-like shape, and within that area, I located M78. Through 16", it was much clearer. I could see two bright stars resembling "eyes", surrounded by noticeable nebulosity.
M79		Globular Cluster	Lepus	8	8" Scope	20:01 hrs Seen as fuzzy patch
M80		Globular Cluster	Scorpius	7.9	12" Scope	03:58 hrs
M81	Bode's Galaxy	Spiral Galaxy	Ursa Major	6.9	10" Scope	21:12 hrs
M82	Cigar Galaxy	Spiral Galaxy	Ursa Major	8.4	10" Scope	Cigar was flat disk, Bode was circular patch
M83	Southern Pinwheel	Spiral Galaxy	Hydra	7.5	Bino (10*50)	01:09 hrs From Centaurus, towards left top there is one 4 star cluster with numbering on stellarium...just little top of it and to confirm , to the right you see 3 stars in straight line and to the left 2 stars in straight line , the galaxy is near to those 2 stars
M84		Elliptical Galaxy	Virgo	10.1		
M85		Galaxy	Coma Berenices	9.2	12" Scope	01:48 hrs There was an NGC object as well
M86		Galaxy	Virgo	9.2		
M87	Virgo Galaxy	Elliptical Galaxy	Virgo	9.6	12" Scope	03:02 hrs
M88		Spiral Galaxy	Coma Berenices	9.5	12" Scope	01:53 hrs
M89		Elliptical Galaxy	Virgo	9.8		
M90		Spiral Galaxy	Virgo	9.5		
M91		Spiral Galaxy	Coma Berenices	11	12" Scope	03:07 hrs
M92		Globular Cluster	Hercules	6.3	12" Scope	03:23 hrs Prevalent cluster
M93	Butterfly Cluster	Open Cluster	Puppis	6	Bino (10*50)	21:19 hrs Outside puppis, just near by to one of the stars of puppis ...hopped through canis major constellation
M94		Spiral Galaxy	Canes Venatici	9		
M95		Barred Spiral Galaxy	Leo	9.7	12" Scope	02:00 hrs
M96		Spiral Galaxy	Leo	10.8	12" Scope	Was struggling quite a lot with Bino Finally saw on 12" scope , Near Leo towards left . Thanks to Akarsh for helping
M97	Owl Nebula		Ursa Major	9.9		
M98		Spiral Galaxy	Coma Berenices	10.1	12" Scope	02:19 hrs
M99	Virgo Cluster Pinwheel)	Spiral Galaxy	Coma Berenices	10.4	12" Scope	02:23 hrs
M100	Blowdryer Galaxy	Spiral Galaxy	Spiral Galaxy	10.1	12" Scope	02:26 hrs
M101	Pinwheel Galaxy	Spiral Galaxy	Ursa Major	7.9	10" Scope	00:50 hrs Faint object
M102	Spindle Galaxy	Lenticular Galaxy	Draco	10.7	8" Scope	03:55 hrs Tilted and one star near by
M103			Cassiopeia	7.4		
M104	Sombrero Galaxy	Spiral Galaxy	Virgo	8	10" Scope	00:17 hrs Edge on galaxy
M105		Elliptical Galaxy	Leo	10.2	12" Scope	02:00 hrs Was struggling quite a lot with Bino Finally saw on 12" scope , Near Leo towards left . Thanks to Akarsh for helping
M106		Spiral Galaxy	Canes Venatici	9.1		
M107		Globular Cluster	Ophiuchus	8.9		
M108	Surfboard Galaxy	Barred Spiral Galaxy	Ursa Major	10	10" Scope	21:23 hrs Only could see through averted vision
M109	Jellyfish Cluster	Barred Spiral Galaxy	Ursa Major	9.8	12" Scope	01:19 hrs Fuzzy patch near the middle of 3 stars in a row
M110		Elliptical Galaxy	Andromeda	8		