

Messier Late Summer Observing List, evening of 2019 Aug 3 at DARK SITE

Sunset 08:18p, Twilight ends 09:44p, Twilight begins 05:19a, Sunrise 06:46a, Moon rise 10:37a, Moon set 10:37p

Completely dark from 10:37p to 05:19a. Waxing Crescent Moon. All times local (CDT).

Listing All Classes visible above 2 air mass or near maximum altitude.

Primary ID	Alternate ID	Mag	SBr	Rise	Transit	Set	Begin	Optimum	End	PSA	Difficulty	Optimum EP
M 23	NGC 6494	5.9		05:15p	10:34p	03:53a	09:26p	10:36p	12:56a	56	detectable	Panoptic 22mm 2.0x
Trifid Nebula	M 20	6.3		05:31p	10:39p	03:48a	09:24p	10:40p	12:43a	67	detectable	NexStar Plossl 40mm
M 21	NGC 6531	7.2		05:32p	10:41p	03:51a	09:26p	10:42p	12:48a	67	detectable	NexStar Plossl 40mm
Lagoon Nebula	M 8	5.0		05:37p	10:41p	03:46a	09:23p	10:41p	12:33a	67	detectable	Pentax XW 10mm
M 24	NGC 6603	11.1		05:35p	10:55p	04:16a	09:22p	10:55p	01:26a	67	not visible	NexStar Plossl 40mm
Eagle Nebula	M 16	6.0		05:24p	10:56p	04:27a	09:36p	10:56p	12:40a	67	challenging	NexStar Plossl 40mm
M 18	NGC 6613	7.5		05:33p	10:57p	04:20a	09:22p	10:57p	01:35a	67	easy	NexStar Plossl 40mm
Omega Nebula	M 17	6.0		05:32p	10:58p	04:24a	09:57p	10:58p	12:12a	67	very challenging	NexStar Plossl 40mm
M 28	NGC 6626	6.9		05:58p	11:02p	04:05a	09:29p	11:02p	12:49a	67	detectable	Pentax XW 10mm
M 69	NGC 6637	7.7		06:28p	11:08p	03:49a	09:43p	11:08p	12:39a	69	difficult	NexStar Plossl 40mm
M 25	IC 4725	6.2		05:50p	11:09p	04:27a	09:29p	11:09p	01:23a	67	detectable	Panoptic 22mm 2.0x
M 22	NGC 6656	5.2		06:07p	11:13p	04:19a	09:31p	11:13p	01:10a	67	detectable	Scientific 14mm/2.0
M 70	NGC 6681	7.8		06:39p	11:20p	04:01a	09:47p	11:20p	12:59a	69	difficult	NexStar Plossl 40mm
M 26	NGC 6694	9.0		05:40p	11:22p	05:04a	09:33p	11:23p	01:38a	67	detectable	NexStar Plossl 40mm
Wild Duck Cluster	M 11	6.1		05:39p	11:28p	05:17a	09:29p	11:28p	02:04a	67	detectable	Scientific 14mm/2.0
M 54	NGC 6715	7.7		06:45p	11:32p	04:19a	11:07p	11:32p	11:57p	69	challenging	NexStar Plossl 17mm 2.0x
M 55	NGC 6809	6.3		07:32p	12:17a	05:02a	10:35p	12:17a	02:03a	68	detectable	Nagler Type 5 16mm 2.0x
M 75	NGC 6864	8.6		07:31p	12:43a	05:54a	10:53p	12:43a	02:33a	66	difficult	NexStar Plossl 40mm