

Messier Fall/Early Winter Observing List, evening of 2019 Oct 26 at DARK SITE

Sunset 06:46p, Twilight ends 08:04p, Twilight begins 06:15a, Sunrise 07:33a, Moon rise 06:53a, Moon set 06:11p

Completely dark from 08:04p to 06:15a. New Moon. All times local (CDT).

Listing All Classes visible above 2 air mass and near maximum altitude and in twilight or moonlight.

The minimum visual difficulty is: visible (at any difficulty).

Primary ID	Alternate ID	Mag	SBr	Rise	Transit	Set	Begin	Optimum	End	S.A.	PSA	Difficulty	Optimum EP
Ring Nebula	M 57	9.4	18.8	10:26a	06:00p	01:30a	07:45p	08:07p	10:30p	8	63	easy	NexStar Plossl 32mm
M 56	NGC 6779	8.4		10:59a	06:23p	01:43a	07:48p	08:08p	09:48p	8	63	detectable	NexStar Plossl 40mm
M 71	NGC 6838	8.4		12:12p	07:00p	01:47a	07:46p	08:09p	10:44p	8	64	easy	NexStar Plossl 40mm
Dumbbell	M 27	7.3	20.4	12:08p	07:06p	02:04a	07:45p	08:10p	10:54p	8	64	easy	NexStar Plossl 40mm
M 29	NGC 6913	7.5		11:35a	07:30p	03:21a	07:45p	08:12p	11:32p	9	62	easy	NexStar Plossl 40mm
M 72	NGC 6981	9.2		02:25p	08:00p	01:34a	07:52p	08:15p	09:55p	16	66	challenging	NexStar Plossl 40mm
M 73	NGC 6994	8.9		02:31p	08:05p	01:40a	07:51p	08:16p	10:12p	16	66	difficult	NexStar Plossl 40mm
M 15	NGC 7078	6.3		02:05p	08:36p	03:07a	07:47p	08:36p	11:54p	16	75	detectable	Panoptic 22mm 2.0x
M 39	NGC 7092	5.3		11:49a	08:38p	05:22a	07:44p	08:38p	01:03a	9	73	easy	Panoptic 22mm 2.0x
M 2	NGC 7089	6.6		02:38p	08:40p	02:41a	07:46p	08:40p	11:37p	17	77	detectable	Panoptic 22mm 2.0x
M 30	NGC 7099	6.9		03:38p	08:47p	01:55a	07:47p	08:46p	10:49p	23	77	detectable	NexStar Plossl 40mm
M 74	NGC 628	9.7	22.7	06:02p	12:42a	07:22a	09:51p	12:42a	03:34a	10	4	detectable	NexStar Plossl 40mm
M 77	NGC 1068	9.7	21.8	07:45p	01:48a	07:51a	10:57p	01:48a	04:40a	10	6	detectable	NexStar Plossl 40mm