

Print just the table					
For: Romania Messier					
For: Friday March 13, 2026					
Longitude:	26.1	Latitude:	44.4333333333333	UTCOffset:	2
Horizon limit:	5° of Dec	Twilight limit:	12°	= 00:48 of RA	
Sunset: (this day)	18:19	at RA:	23:35	at LMST:	05:24
Sunrise: (next day)	06:30	at RA:	23:37	at LMST:	17:37
Hours of darkness:		12:11			
Moonrise:	03:44	Moonset:	12:00		this day
Moonrise:	04:22	Moonset:	13:06		next day
Sequence: Tom Cameron for Calgary RASC WCO					
With these parameters, the "not possible" count = 1					

Observed	Veri- fied	M#	NGC#	Polar	Seq	Type	Cons	RA hr	RA min	Dec °	Dec min	mv	Size	Dist Kly
		M74	628		1	G-SAc	Psc	01	36.7	+15	47	10.2	10.2x9.5	?
		M77	1068		2	G-SABab	Cet	02	42.7	-00	01	8.9	7x6	60000
		M33	598		3	G-SAc	Tri	01	33.9	+30	39	6.7	73x45	2300
		M31	224		4	G-SAb	And	00	42.7	+41	16	4.8	178	2200
		M32	221		5	G-E5pec	And	00	42.7	+40	52	8.7	8x6	2200
		M110	205		6	G-E3pec	And	00	40.4	+41	41	9.4	17x10	2200
		M52	7654	Yes**	7	OC	Cas	23	24.2	+61	35	7.3	13.0	7
		M103	581	Yes	8	OC	Cas	01	33.2	+60	42	7.4	6.0	8
		M76	650	Yes	9	PN	Per	01	42.4	+51	34	10.1	2.7x1.8	3.4
		M34	1039		10	OC	Per	02	42.0	+42	47	5.5	35.0	1.4
		M45	----		11	OC	Tau	03	47.0	+24	07	1.6	110.0	0.4
		M79	1904		12	GC	Lep	05	24.5	-24	33	8.4	8.7	39.8
		M42	1976		13	E/RN	Ori	05	35.4	-05	27	4	85x60	1.6
		M43	1982		14	E/RN	Ori	05	35.6	-05	16	9.1	20x15	1.6
		M78	2068		15	RN	Ori	05	46.7	+00	03	10.3	8x6	1.6
		M1	1952		16	SNR	Tau	05	34.5	+22	01	8.2	6x4	6.3
		M37	2099		17	OC	Aur	05	52.4	+32	33	6.2	24.0	4.6
		M36	1960		18	OC	Aur	05	36.1	+34	08	6.3	12.0	4.1
		M38	1912		19	OC	Aur	05	28.7	+35	50	7.4	21.0	4.2
		M35	2168		20	OC	Gem	06	08.9	+24	20	5.3	28.0	2.8
		M41	2287		21	OC	CMA	06	47.0	-20	44	4.6	38.0	2.4
		M50	2323		22	OC	Mon	07	03.2	-08	20	6.3	16.0	3
		M47	2422		23	OC	Pup	07	36.6	-14	30	4.5	30.0	1.6
		M46	2437		24	OC	Pup	07	41.8	-14	49	6	27.0	5.4
		M93	2447		25	OC	Pup	07	44.6	-23	52	6	22.0	4.5
		M48	2548		26	OC	Hya	08	13.8	-05	48	5.3	54.0	1.5
		M44	2632		27	OC	Cnc	08	40.1	+19	59	3.7	95.0	0.5
		M67	2682		28	OC	Cnc	08	50.4	+11	49	6.1	30.0	2.25
		M81	3031	Yes	29	G-SAab	UMa	09	55.6	+69	04	7.9	21x10	12000
		M82	3034	Yes	30	G-I0	UMa	09	55.8	+69	41	8.8	9x4	12000
		M108	3556	Yes	31	G-SBcd	UMa	11	11.5	+55	40	10.7	8x1	45000
		M97	3587	Yes	32	PN	UMa	11	14.8	+55	01	9.9	3.4x3.3	2.6
		M109	3992	Yes	33	G-SBbc	UMa	11	57.6	+53	23	10.8	7x4	55000
		M106	4258	Yes	34	G-SABbc	CVn	12	19.0	+47	18	8.6	19x8	25000

		M40	Win4	Yes	35	OC 2 stars	UMa	12	22.4	+58	05	9.1	0.8	0.51
		M95	3351		36	G-SBb	Leo	10	44.0	+11	42	10.4	4.4x3.3	38000
		M96	3368		37	G-SABab	Leo	10	46.8	+11	49	9.1	6x4	38000
		M105	3379		38	G-E1	Leo	10	47.8	+12	35	9.2	2.0	38000
		M65	3623		39	G-SABa	Leo	11	18.9	+13	05	9.3	8x1.5	35000
		M66	3627		40	G-SABb	Leo	11	20.2	+12	59	8.2	8x2.5	35000
		M51	5194	Yes	41	G-SAbc	CVn	13	29.9	+47	12	8.1	11x7	37000
		M63	5055		42	G-SAbc	CVn	13	15.8	+42	02	9.5	10x6	37000
		M101	5457	Yes	43	G-SABcd	UMa	14	03.2	+54	21	9.6	22.0	24000
		M94	4736		44	G-SAab	CVn	12	50.9	+41	07	7.9	7x3	14500
		M3	5272		45	GC	CVn	13	42.2	+28	23	6.3	16.2	30.6
		M53	5024		46	GC	Com	13	12.9	+18	10	7.6	12.6	56.4
		M64	4826		47	G-SAab	Com	12	56.7	+21	41	8.8	9.3x5.4	19000
		M98	4192		48	G-SABab	Com	12	13.8	+14	54	11.7	9.5x3.2	60000
		M99	4254		49	G-SAc	Com	12	18.8	+14	25	10.1	5.4x4.8	60000
		M100	4321		50	G-SABbc	Com	12	22.9	+15	49	10.6	7x6	60000
		M85	4382		51	G-SAO*	Com	12	25.4	+18	11	9.3	7.1x5.2	60000
		M84	4374		52	G-E1	Vir	12	25.1	+12	53	9.3	5.0	60000
		M86	4406		53	G-E3	Vir	12	26.2	+12	57	9.7	7.5x5.5	60000
		M88	4501		54	G-SAb	Com	12	32.0	+14	25	10.2	7x4	60000
		M91	4548		55	G-SBb	Com	12	35.4	+14	30	9.5	5.4x4.4	60000
		M49	4472		56	G-E2	Vir	12	29.8	+08	00	8.5	9x7.5	60000
		M60	4649		57	G-E2	Vir	12	43.7	+11	33	8.9	7x6	60000
		M59	4621		58	G-E5	Vir	12	42.0	+11	39	9.6	5x3.5	60000
		M58	4579		59	G-SABb	Vir	12	37.7	+11	49	9.2	5.5x4.5	60000
		M87	4486		60	G-E0-1	Vir	12	30.8	+12	24	9.2	7.0	60000
		M89	4552		61	G-E	Vir	12	35.7	+12	33	9.5	4.0	60000
		M90	4569		62	G-SABab	Vir	12	36.8	+13	10	10	9.5x4.5	60000
		M61	4303		63	G-SABbc	Vir	12	21.9	+04	28	10.1	6x5.5	60000
		M104	4594		64	G-SA	Vir	12	40.0	-11	37	8.7	9x4	50000
		M68	4590		65	GC	Hya	12	39.5	-26	45	8	12.0	32.3
		M83	5236		66	G-SABc	Hya	13	37.0	-29	52	7.6	11x10	10000
		M102	5866?	Yes	67	G-SAO*	Dra	15	06.5	+55	46	10	5.2x2.3	40000
		M5	5904		68	GC	Ser	15	18.6	+02	05	6.2	17.4	22.8
		M13	6205		69	GC	Her	16	41.7	+36	28	5.7	16.6	22.2
		M92	6341		70	GC	Her	17	17.1	+43	08	6.5	11.2	26.1
		M12	6218		71	GC	Oph	16	47.2	-01	57	6.6	14.5	17.6
		M10	6254		72	GC	Oph	16	57.1	-04	06	6.7	15.1	13.4
		M107	6171		73	GC	Oph	16	32.5	-13	03	9.2	10.0	19.6
		M80	6093		74	GC	Sco	16	17.0	-22	59	7.7	8.9	27.4
		M4	6121		75	GC	Sco	16	23.6	-26	32	6.4	26.3	6.8
		M14	6402		76	GC	Oph	17	37.6	-03	15	7.7	11.7	27.4
		M9	6333		77	GC	Oph	17	19.2	-18	31	7.3	9.3	26.4
		M19	6273		78	GC	Oph	17	02.6	-26	16	6.6	13.5	27.1
		M62	6266		79	GC	Oph	17	01.2	-30	07	6.6	14.1	21.5
		M57	6720		80	PN	Lyr	18	53.6	+33	02	8.8	1.4x1.0	4.1
		M56	6779		81	GC	Lyr	19	16.6	+30	11	8.2	7.1	31.6
		M29	6913		82	OC	Cyg	20	23.9	+38	32	7.1	7.0	7.2
		M39	7092	Yes	83	OC	Cyg	21	32.2	+48	26	5.2	32.0	0.825
		M27	6853		84	PN	Vul	19	59.6	+22	43	7.4	8.0x5.7	1.25
		M71	6838		85	GC	Sge	19	53.8	+18	47	9	7.2	11.7
		M11	6705		86	OC	Sct	18	51.1	-06	16	6.3	14.0	6
		M26	6694		87	OC	Sct	18	45.2	-09	24	9.3	15.0	5
		M16	6611		88	EN+OC	Ser	18	18.6	-13	58	6.4	7.0	7

		M17	6618		89	EN	Sgr	18	20.8	-16	11	7.5	11.0	5
		M18	6613		90	OC	Sgr	18	19.9	-17	08	7.5	9.0	6
		M24	>6603		91	starcloud	Sgr	18	16.5	-18	50	4.6	5.0	10
		M23	6494		92	OC	Sgr	17	56.8	-19	01	6.9	27.0	4.5
		M25	IC4725		93	OC	Sgr	18	31.6	-19	15	6.5	40.0	2
		M7	6475		94	OC	Sco	17	53.9	-34	49	4.1	80.0	1
		M6	6405		95	OC	Sco	17	40.1	-32	13	5.3	15.0	2
		M28	6626		96	GC	Sgr	18	24.5	-24	52	7.3	11.2	17.9
		M8	6523		97	EN	Sgr	18	03.8	-24	23	6	60x35	6.5
		M20	6514		98	E/RN	Sgr	18	02.3	-23	02	9	28.0	2.2
		M21	6531		99	OC	Sgr	18	04.6	-22	30	6.5	13.0	4.25
		M22	6656		100	GC	Sgr	18	36.4	-23	54	5.9	24.0	10.1
		M69	6637		101	GC	Sgr	18	31.4	-32	21	8.9	7.1	25.4
		M70	6681		102	GC	Sgr	18	43.2	-32	18	9.6	7.8	28.0
		M54	6715		103	GC	Sgr	18	55.1	-30	29	8	9.1	82.8
		M55	6809		104	GC	Sgr	19	40.0	-30	58	5	19.0	16.6
		M15	7078		105	GC	Peg	21	30.0	+12	10	6	12.3	32.6
		M75	6864		106	GC	Sgr	20	06.1	-21	55	8	6.0	57.7
		M72	6981		107	GC	Aqr	20	53.5	-12	32	9.8	5.9	52.8
		M73	6994		108	OC 4 stars	Aqr	20	59.0	-12	38	9	2.8	?
		M2	7089		109	GC	Aqr	21	33.5	-00	49	6.3	12.9	36.2
not poss A	-----	M30	7099		110	GC	Cap	21	40.4	-23	11	8.4	11.0	24.8