Data Table for Spring Observation Guides

Object		Type	Mag.	Constellation	Right Ascension	Declination	March 15			April 15			May 15			Notes
Cat. #	Name						Rise	Transit (Highest)	Set	Rise	Transit (Highest)	Set	Rise	Transit (Highest)	Set	
M44 / NGC 2632	Beehive Cluster	Open Cluster	3.1	Cancer	08h 40m 24s	+19° 40' 44"	15:14	22:23	5:36	13:12	20:21	3:35	11:14	18:23	1:36	
M47 / NGC 2422		Open Cluster	4.4	Puppis	07h 36m 35s	-14° 29' 00"	16:05	21:19	2:37	14:04	19:17	0:35	12:06	17:19	22:33	Best viewed as the sky gets dark
M35 / NGC 2168		Open Cluster	5.1	Gemini	06h 08m 54s	+24° 20' 00"	12:26	19:55	3:27	10:24	17:53	1:25	8:26	15:55	23:24	Best viewed as the sky gets dark
M37 / NGC 2099		Open Cluster	5.6	Auriga	05h 52m 18s	+32° 33′ 00″	11:27	19:34	3:46	9:25	17:33	1:44	7:31	15:39	23:46	Best viewed as the sky gets dark
M48 / NGC 2548		Open Cluster	5.8	Hydra	08h 13m 43s	-05° 45′ 00″	16:12	21:55	3:42	14:10	19:53	1:40	12:12	17:55	23:38	Best viewed as the sky gets dark
M50 / NGC 2323		Open Cluster	5.9	Monocerous	07h 02m 42s	-08° 23' 00"	15:11	20:45	2:24	13:09	18:43	0:22	11:11	16:45	22:20	
M36 / NGC 1960	Pinwheel Cluster	Open Cluster	6.0	Auriga	05h 36m 18s	+34° 08′ 00″	11:02	19:19	3:39	5:36	17:17	1:37	7:02	15:19	23:36	Best viewed as the sky gets dark
M46 / NGC 2437		Open Cluster	6.1	Puppis	07h 41m 46s	-14° 48' 00"	16:12	21:24	2:41	14:10	19:22	0:39	12:12	17:24	22:37	Best viewed as the sky gets dark
M3 / NGC 5272	Jellyfish Cluster	Globular Cluster	6.2	Canes Venatici	13h 42m 12s	+28° 22' 38"	19:38	3:28	11:14	17:36	1:26	9:12	15:38	23:24	7:14	
M38 / NGC 1912	Starfish Cluster	Open Cluster	6.4	Auriga	05h 28m 40s	+35° 50′ 00″	10:48	19:15	3:46	8:46	17:13	1:44	6:48	15:15	23:42	
M92 / NGC 6341		Globular Cluster	6.4	Hercules	17h 17m 07s	+43° 08' 09"	21:35	7:02	16:25	19:33	5:00	14:23	17:35	3:02	12:25	
M81 & M82 / NGC 3031 & 3034	Bode's Nebula	Spiral Galaxies	6.8	Ursa Major	09h 55m 32s	+69° 03' 55"	c	23:38	c	c	21:37	c	c	19:39	c	Data given for M81
M67 / NGC 2682		Open Cluster	6.9	Cancer	08h 51m 18s	+11° 48' 00"	15:53	22:34	5:19	13:51	20:32	3:17	11:53	18:34	1:19	
M83 / NGC 5236		Spiral Galaxy	7.1	Hydra	13h 37m 01s	-29° 51′ 56″	23:06	3:22	7:33	21:05	1:20	5:31	19:07	23:18	3:33	
NGC 3242	Ghost of Jupiter	Planetary Nebula	7.3	Hydra	10h 24m 46s	-18° 38′ 38″	19:07	0:10	5:08	17:06	22:04	3:06	15:08	20:06	1:08	
M68 / NGC 4590		Globular Cluster	7.8	Hydra	12h 39m 28s	-26° 44' 39"	21:56	2:25	6:51	19:54	0:23	4:49	17:56	22:21	2:51	
M94 / NGC 4736	Cat's Eye Galaxy	Spiral Galaxy	7.9	Canes Venatici	12h 50m 53s	+41° 07' 13"	17:29	2:36	11:40	15:27	0:35	9:38	13:29	22:33	7:41	
M49 / NGC 4472		Elliptical Galaxy	8.4	Virgo	12h 29m 47s	+07° 59′ 59″	19:47	2:18	8:46	17:45	0:17	6:44	15:47	22:15	4:47	
NGC 2903		Spiral Galaxy	8.8	Leo	09h 32m 10s	+21° 30′ 06″	15:57	23:14	6:34	13:55	21:12	4:32	11:57	19:14	2:34	
M86 & M84 / NGC 4406 & 4374	Markarian's Chain	Eliptical Galaxies	8.8	Virgo	12h 26m 12s	+12° 56' 45"	19:26	2:14	8:58	17:21	0:10	6:55	15:27	22:11	4:59	Data given for M86
M105 / NGC 3379		Elliptical Galaxy	9.3	Leo	10h 47m 50s	+12° 34′ 54″	17:46	0:33	7:16	15:44	22:27	5:14	13:46	20:29	3:16	
M59 & M60 / NGC 4261 & 4649		Elliptical Galaxy	9.6	Virgo	12h 42m 02s	+11° 38′ 50″	19:47	2:31	9:11	17:45	0:29	7:09	15:47	22:27	5:11	Data given for M59
M109 / NGC 3992		Spiral Galaxy	9.6	Ursa Major	11h 57m 36s	+53° 22' 28"	c	1:43	c	c	23:38	c	c	21:40	c	
M95 & M96 / NGC 3351 & 3368		Spiral Galaxies	9.7	Leo	10h 43m 58s	+11° 42′ 13″	17:49	0:33	7:13	15:47	22:27	5:11	13:49	20:29	3:13	Data given for M95
M97 / 3587	Owl Nebula	Planetary Nebula	9.8	Ursa Major	11h 14m 46s	+55° 00′ 59″	c	1:04	c	c	22:58	c	c	21:00	c	
NGC 3226 and 3227		Elliptical Galaxy	11.4	Leo	10h 23m 27s	+19° 53′ 55″	16:54	0:09	7:19	14:53	22:03	5:17	12:55	20:05	3:19	Data given for NGC 3226

Notes

Table organised by magnitude, brightest object to dimmest

Times are based on Central Time, which is five hours behind UT (GMT), and given in 24hr format.

All times approximately accurate locally throughout the northern hemisphere.

- For example, if an object transits at 10pm in the US (local time), it will also transit at approximately 10pm in the UK (local time).

c = circumpolar. These objects are never below the horizon, so have no rise/set time.

Dec. and R.A. data based on J2000.0