Sunday, 15 Jan

Sunrise	7:15
Moonrise	14:22
Moon phase	Waxing Gibbous
Moon illumination	78%
Moon age	10.4 d
Moon distance	384,401 km
Moon ecliptic longitude	124°
Moon ecliptic latitude	5°
Moon right ascension	10h 12m
Moon declination	+14°
Moon azimuth	142°
Moon altitude	38°
Moon parallactic angle	0°

Monday, 16 Jan

Sunrise	7:15
Moonrise	15:17
Moon phase	Waxing Gibbous
Moon illumination	88%
Moon age	11.4 d
Moon distance	384,401 km
Moon ecliptic longitude	136°
Moon ecliptic latitude	5°
Moon right ascension	11h 12m
Moon declination	+19°
Moon azimuth	154°
Moon altitude	47°
Moon parallactic angle	0°

Tuesday, 17 Jan

Sunrise	7:15
Moonrise	16:12
Moon phase	Waxing Gibbous
Moon illumination	96%
Moon age	12.4 d
Moon distance	384,401 km
Moon ecliptic longitude	148°
Moon ecliptic latitude	5°
Moon right ascension	12h 12m
Moon declination	+23°
Moon azimuth	167°
Moon altitude	56°
Moon parallactic angle	0°

Wednesday, 18 Jan

Sunrise	7:15
Moonrise	17:07
Moon phase	Full Moon
Moon illumination	100%
Moon age	13.4 d
Moon distance	384,401 km
Moon ecliptic longitude	160°
Moon ecliptic latitude	5°
Moon right ascension	13h 12m
Moon declination	+26°
Moon azimuth	180°
Moon altitude	64°
Moon parallactic angle	0°

Thursday, 19 Jan

Sunrise	7:15
Moonrise	18:02
Moon phase	Waning Gibbous
Moon illumination	98%
Moon age	14.4 d
Moon distance	384,401 km
Moon ecliptic longitude	172°
Moon ecliptic latitude	5°
Moon right ascension	14h 12m
Moon declination	+28°
Moon azimuth	194°
Moon altitude	70°
Moon parallactic angle	0°

Friday, 20 Jan

Sunrise	7:15
Moonrise	19:00
Moon phase	Waning Gibbous
Moon illumination	94%
Moon age	15.4 d
Moon distance	384,401 km
Moon ecliptic longitude	184°
Moon ecliptic latitude	5°
Moon right ascension	15h 12m
Moon declination	+29°
Moon azimuth	208°
Moon altitude	74°
Moon parallactic angle	0°

Saturday, 21 Jan

Sunrise	7:15
Moonrise	19:57
Moon phase	Waning Gibbous
Moon illumination	87%
Moon age	16.4 d
Moon distance	384,401 km
Moon ecliptic longitude	196°
Moon ecliptic latitude	5°
Moon right ascension	16h 12m
Moon declination	+28°
Moon azimuth	222°
Moon altitude	74°
Moon parallactic angle	0°

Sunday, 22 Jan

Sunrise	7:15
Moonrise	20:54
Moon phase	Waning Gibbous
Moon illumination	78%
Moon age	17.4 d
Moon distance	384,401 km
Moon ecliptic longitude	208°
Moon ecliptic latitude	5°
Moon right ascension	17h 12m
Moon declination	+26°
Moon azimuth	236°
Moon altitude	70°
Moon parallactic angle	0°

Monday, 23 Jan

Sunrise	7:15
Moonrise	21:51
Moon phase	Waning Gibbous
Moon illumination	68%
Moon age	18.4 d
Moon distance	384,401 km
Moon ecliptic longitude	220°
Moon ecliptic latitude	5°
Moon right ascension	18h 12m
Moon declination	+23°
Moon azimuth	250°
Moon altitude	64°
Moon parallactic angle	0°

Tuesday, 24 Jan

Sunrise	7:15
Moonrise	22:48
Moon phase	Waning Gibbous
Moon illumination	58%
Moon age	19.4 d
Moon distance	384,401 km
Moon ecliptic longitude	232°
Moon ecliptic latitude	5°
Moon right ascension	19h 12m
Moon declination	+19°
Moon azimuth	263°
Moon altitude	56°
Moon parallactic angle	0°

Wednesday, 25 Jan

Sunrise	7:15
Moonrise	23:45
Moon phase	Waning Gibbous
Moon illumination	48%
Moon age	20.4 d
Moon distance	384,401 km
Moon ecliptic longitude	244°
Moon ecliptic latitude	5°
Moon right ascension	20h 12m
Moon declination	+14°
Moon azimuth	277°
Moon altitude	47°
Moon parallactic angle	0°

Thursday, 26 Jan

Sunrise	7:15
Moonrise	00:42
Moon phase	Waning Gibbous
Moon illumination	38%
Moon age	21.4 d
Moon distance	384,401 km
Moon ecliptic longitude	256°
Moon ecliptic latitude	5°
Moon right ascension	21h 12m
Moon declination	+8°
Moon azimuth	291°
Moon altitude	38°
Moon parallactic angle	0°

Friday, 27 Jan

Sunrise	7:15
Moonrise	01:39
Moon phase	Waning Gibbous
Moon illumination	29%
Moon age	22.4 d
Moon distance	384,401 km
Moon ecliptic longitude	268°
Moon ecliptic latitude	5°
Moon right ascension	22h 12m
Moon declination	+3°
Moon azimuth	304°
Moon altitude	29°
Moon parallactic angle	0°

Saturday, 28 Jan

Sunrise	7:15
Moonrise	02:36
Moon phase	Waning Gibbous
Moon illumination	21%
Moon age	23.4 d
Moon distance	384,401 km
Moon ecliptic longitude	280°
Moon ecliptic latitude	5°
Moon right ascension	23h 12m
Moon declination	-2°
Moon azimuth	317°
Moon altitude	21°
Moon parallactic angle	0°

Sunday, 29 Jan

Sunrise	7:15
Moonrise	03:33
Moon phase	Waning Gibbous
Moon illumination	14%
Moon age	24.4 d
Moon distance	384,401 km
Moon ecliptic longitude	292°
Moon ecliptic latitude	5°
Moon right ascension	0h 12m
Moon declination	-7°
Moon azimuth	330°
Moon altitude	14°
Moon parallactic angle	0°

Monday, 30 Jan

Sunrise	7:15
Moonrise	04:30
Moon phase	Waning Gibbous
Moon illumination	8%
Moon age	25.4 d
Moon distance	384,401 km
Moon ecliptic longitude	304°
Moon ecliptic latitude	5°
Moon right ascension	1h 12m
Moon declination	-12°
Moon azimuth	343°
Moon altitude	8°
Moon parallactic angle	0°

Tuesday, 31 Jan

Sunrise	7:15
Moonrise	05:27
Moon phase	Waning Gibbous
Moon illumination	3%
Moon age	26.4 d
Moon distance	384,401 km
Moon ecliptic longitude	316°
Moon ecliptic latitude	5°
Moon right ascension	2h 12m
Moon declination	-16°
Moon azimuth	357°
Moon altitude	3°
Moon parallactic angle	0°

Wednesday, 1 Feb

Sunrise	7:15
Moonrise	06:24
Moon phase	Waning Gibbous
Moon illumination	0%
Moon age	27.4 d
Moon distance	384,401 km
Moon ecliptic longitude	328°
Moon ecliptic latitude	5°
Moon right ascension	3h 12m
Moon declination	-18°
Moon azimuth	11°
Moon altitude	-2°
Moon parallactic angle	0°

Thursday, 2 Feb

Sunrise	7:15
Moonrise	07:21
Moon phase	Waning Crescent
Moon illumination	1%
Moon age	28.4 d
Moon distance	384,401 km
Moon ecliptic longitude	340°
Moon ecliptic latitude	5°
Moon right ascension	4h 12m
Moon declination	-17°
Moon azimuth	25°
Moon altitude	-8°
Moon parallactic angle	0°

Friday, 3 Feb

Sunrise	7:15
Moonrise	08:18
Moon phase	Waning Crescent
Moon illumination	5%
Moon age	29.4 d
Moon distance	384,401 km
Moon ecliptic longitude	352°
Moon ecliptic latitude	5°
Moon right ascension	5h 12m
Moon declination	-13°
Moon azimuth	39°
Moon altitude	-14°
Moon parallactic angle	0°

Saturday, 4 Feb

Sunrise	7:15
Moonrise	09:15
Moon phase	Waning Crescent
Moon illumination	12%
Moon age	0.4 d
Moon distance	384,401 km
Moon ecliptic longitude	364°
Moon ecliptic latitude	5°
Moon right ascension	6h 12m
Moon declination	-8°
Moon azimuth	53°
Moon altitude	-19°
Moon parallactic angle	0°

Sunday, 5 Feb

Sunrise	7:15
Moonrise	10:12
Moon phase	Waning Crescent
Moon illumination	21%
Moon age	1.4 d
Moon distance	384,401 km
Moon ecliptic longitude	376°
Moon ecliptic latitude	5°
Moon right ascension	7h 12m
Moon declination	-3°
Moon azimuth	67°
Moon altitude	-22°
Moon parallactic angle	0°

Monday, 6 Feb

Sunrise	7:15
Moonrise	11:09
Moon phase	Waning Crescent
Moon illumination	32%
Moon age	2.4 d
Moon distance	384,401 km
Moon ecliptic longitude	388°
Moon ecliptic latitude	5°
Moon right ascension	8h 12m
Moon declination	+2°
Moon azimuth	81°
Moon altitude	-23°
Moon parallactic angle	0°

Tuesday, 7 Feb

Sunrise	7:15
Moonrise	12:06
Moon phase	Waning Crescent
Moon illumination	44%
Moon age	3.4 d
Moon distance	384,401 km
Moon ecliptic longitude	400°
Moon ecliptic latitude	5°
Moon right ascension	9h 12m
Moon declination	+7°
Moon azimuth	95°
Moon altitude	-22°
Moon parallactic angle	0°

Wednesday, 8 Feb

Sunrise	7:15
Moonrise	13:03
Moon phase	Waning Crescent
Moon illumination	57%
Moon age	4.4 d
Moon distance	384,401 km
Moon ecliptic longitude	412°
Moon ecliptic latitude	5°
Moon right ascension	10h 12m
Moon declination	+12°
Moon azimuth	108°
Moon altitude	-19°
Moon parallactic angle	0°

Thursday, 9 Feb

Sunrise	7:15
Moonrise	14:00
Moon phase	Waning Crescent
Moon illumination	70%
Moon age	5.4 d
Moon distance	384,401 km
Moon ecliptic longitude	424°
Moon ecliptic latitude	5°
Moon right ascension	11h 12m
Moon declination	+17°
Moon azimuth	120°
Moon altitude	-14°
Moon parallactic angle	0°

Friday, 10 Feb

Sunrise	7:15
Moonrise	14:57
Moon phase	Waning Crescent
Moon illumination	81%
Moon age	6.4 d
Moon distance	384,401 km
Moon ecliptic longitude	436°
Moon ecliptic latitude	5°
Moon right ascension	12h 12m
Moon declination	+20°
Moon azimuth	131°
Moon altitude	-7°
Moon parallactic angle	0°

Saturday, 11 Feb

Sunrise	7:15
Moonrise	15:54
Moon phase	Waning Crescent
Moon illumination	89%
Moon age	7.4 d
Moon distance	384,401 km
Moon ecliptic longitude	448°
Moon ecliptic latitude	5°
Moon right ascension	13h 12m
Moon declination	+22°
Moon azimuth	141°
Moon altitude	0°
Moon parallactic angle	0°

Sunday, 12 Feb

Sunrise	7:15
Moonrise	16:51
Moon phase	Waning Crescent
Moon illumination	95%
Moon age	8.4 d
Moon distance	384,401 km
Moon ecliptic longitude	460°
Moon ecliptic latitude	5°
Moon right ascension	14h 12m
Moon declination	+23°
Moon azimuth	150°
Moon altitude	7°
Moon parallactic angle	0°

Monday, 13 Feb

Sunrise	7:15
Moonrise	17:48
Moon phase	Waning Crescent
Moon illumination	98%
Moon age	9.4 d
Moon distance	384,401 km
Moon ecliptic longitude	472°
Moon ecliptic latitude	5°
Moon right ascension	15h 12m
Moon declination	+24°
Moon azimuth	159°
Moon altitude	14°
Moon parallactic angle	0°

Tuesday, 14 Feb

Sunrise	7:15
Moonrise	18:45
Moon phase	Waning Crescent
Moon illumination	100%
Moon age	10.4 d
Moon distance	384,401 km
Moon ecliptic longitude	484°
Moon ecliptic latitude	5°
Moon right ascension	16h 12m
Moon declination	+24°
Moon azimuth	167°
Moon altitude	21°
Moon parallactic angle	0°

Wednesday, 15 Feb

Sunrise	7:15
Moonrise	19:42
Moon phase	Waning Crescent
Moon illumination	98%
Moon age	11.4 d
Moon distance	384,401 km
Moon ecliptic longitude	496°
Moon ecliptic latitude	5°
Moon right ascension	17h 12m
Moon declination	+23°
Moon azimuth	174°
Moon altitude	28°
Moon parallactic angle	0°

Thursday, 16 Feb

Sunrise	7:15
Moonrise	20:39
Moon phase	Waning Crescent
Moon illumination	95%
Moon age	12.4 d
Moon distance	384,401 km
Moon ecliptic longitude	508°
Moon ecliptic latitude	5°
Moon right ascension	18h 12m
Moon declination	+20°
Moon azimuth	181°
Moon altitude	34°
Moon parallactic angle	0°

Friday, 17 Feb

Sunrise	7:15
Moonrise	21:36
Moon phase	Waning Crescent
Moon illumination	89%
Moon age	13.4 d
Moon distance	384,401 km
Moon ecliptic longitude	520°
Moon ecliptic latitude	5°
Moon right ascension	19h 12m
Moon declination	+17°
Moon azimuth	188°
Moon altitude	38°
Moon parallactic angle	0°

Saturday, 18 Feb

Sunrise	7:15
Moonrise	22:33
Moon phase	Waning Crescent
Moon illumination	78%
Moon age	14.4 d
Moon distance	384,401 km
Moon ecliptic longitude	532°
Moon ecliptic latitude	5°
Moon right ascension	20h 12m
Moon declination	+13°
Moon azimuth	196°
Moon altitude	40°
Moon parallactic angle	0°

Sunday, 19 Feb

Sunrise	7:15
Moonrise	23:30
Moon phase	Waning Crescent
Moon illumination	68%
Moon age	15.4 d
Moon distance	384,401 km
Moon ecliptic longitude	544°
Moon ecliptic latitude	5°
Moon right ascension	21h 12m
Moon declination	+8°
Moon azimuth	204°
Moon altitude	38°
Moon parallactic angle	0°

Monday, 20 Feb

Sunrise	7:15
Moonrise	00:27
Moon phase	Waning Crescent
Moon illumination	58%
Moon age	16.4 d
Moon distance	384,401 km
Moon ecliptic longitude	556°
Moon ecliptic latitude	5°
Moon right ascension	22h 12m
Moon declination	+3°
Moon azimuth	213°
Moon altitude	34°
Moon parallactic angle	0°

Tuesday, 21 Feb

Sunrise	7:15
Moonrise	01:24
Moon phase	Waning Crescent
Moon illumination	48%
Moon age	17.4 d
Moon distance	384,401 km
Moon ecliptic longitude	568°
Moon ecliptic latitude	5°
Moon right ascension	23h 12m
Moon declination	-2°
Moon azimuth	222°
Moon altitude	28°
Moon parallactic angle	0°

Wednesday, 22 Feb

Sunrise	7:15
Moonrise	02:21
Moon phase	Waning Crescent
Moon illumination	38%
Moon age	18.4 d
Moon distance	384,401 km
Moon ecliptic longitude	580°
Moon ecliptic latitude	5°
Moon right ascension	0h 12m
Moon declination	-7°
Moon azimuth	231°
Moon altitude	21°
Moon parallactic angle	0°

Thursday, 23 Feb

Sunrise	7:15
Moonrise	03:18
Moon phase	Waning Crescent
Moon illumination	29%
Moon age	19.4 d
Moon distance	384,401 km
Moon ecliptic longitude	592°
Moon ecliptic latitude	5°
Moon right ascension	1h 12m
Moon declination	-12°
Moon azimuth	239°
Moon altitude	14°
Moon parallactic angle	0°

Friday, 24 Feb

Sunrise	7:15
Moonrise	04:15
Moon phase	Waning Crescent
Moon illumination	21%
Moon age	20.4 d
Moon distance	384,401 km
Moon ecliptic longitude	604°
Moon ecliptic latitude	5°
Moon right ascension	2h 12m
Moon declination	-16°
Moon azimuth	247°
Moon altitude	8°
Moon parallactic angle	0°

Saturday, 25 Feb

Sunrise	7:15
Moonrise	05:12
Moon phase	Waning Crescent
Moon illumination	14%
Moon age	21.4 d
Moon distance	384,401 km
Moon ecliptic longitude	616°
Moon ecliptic latitude	5°
Moon right ascension	3h 12m
Moon declination	-18°
Moon azimuth	254°
Moon altitude	3°
Moon parallactic angle	0°

Sunday, 26 Feb

Sunrise	7:15
Moonrise	06:09
Moon phase	Waning Crescent
Moon illumination	8%
Moon age	22.4 d
Moon distance	384,401 km
Moon ecliptic longitude	628°
Moon ecliptic latitude	5°
Moon right ascension	4h 12m
Moon declination	-17°
Moon azimuth	261°
Moon altitude	-2°
Moon parallactic angle	0°

Monday, 27 Feb

Sunrise	7:15
Moonrise	07:06
Moon phase	Waning Crescent
Moon illumination	3%
Moon age	23.4 d
Moon distance	384,401 km
Moon ecliptic longitude	640°
Moon ecliptic latitude	5°
Moon right ascension	5h 12m
Moon declination	-13°
Moon azimuth	268°
Moon altitude	-8°
Moon parallactic angle	0°

Tuesday, 28 Feb

Sunrise	7:15
Moonrise	08:03
Moon phase	Waning Crescent
Moon illumination	0%
Moon age	24.4 d
Moon distance	384,401 km
Moon ecliptic longitude	652°
Moon ecliptic latitude	5°
Moon right ascension	6h 12m
Moon declination	-8°
Moon azimuth	275°
Moon altitude	-14°
Moon parallactic angle	0°

Wednesday, 1 Mar

Sunrise	7:15
Moonrise	09:00
Moon phase	Waning Crescent
Moon illumination	1%
Moon age	25.4 d
Moon distance	384,401 km
Moon ecliptic longitude	664°
Moon ecliptic latitude	5°
Moon right ascension	7h 12m
Moon declination	+2°
Moon azimuth	281°
Moon altitude	-19°
Moon parallactic angle	0°

Thursday, 2 Mar

Sunrise	7:15
Moonrise	09:57
Moon phase	Waning Crescent
Moon illumination	5%
Moon age	26.4 d
Moon distance	384,401 km
Moon ecliptic longitude	676°
Moon ecliptic latitude	5°
Moon right ascension	8h 12m
Moon declination	+7°
Moon azimuth	289°
Moon altitude	-22°
Moon parallactic angle	0°

Friday, 3 Mar

Sunrise	7:15
Moonrise	10:54
Moon phase	Waning Crescent
Moon illumination	12%
Moon age	27.4 d
Moon distance	384,401 km
Moon ecliptic longitude	688°
Moon ecliptic latitude	5°
Moon right ascension	9h 12m
Moon declination	+12°
Moon azimuth	298°
Moon altitude	-23°
Moon parallactic angle	0°

Saturday, 4 Mar

Sunrise	7:15
Moonrise	11:51
Moon phase	Waning Crescent
Moon illumination	21%
Moon age	28.4 d
Moon distance	384,401 km
Moon ecliptic longitude	700°
Moon ecliptic latitude	5°
Moon right ascension	10h 12m
Moon declination	+17°
Moon azimuth	308°
Moon altitude	-22°
Moon parallactic angle	0°

Sunday, 5 Mar

Sunrise	7:15
Moonrise	12:48
Moon phase	Waning Crescent
Moon illumination	32%
Moon age	29.4 d
Moon distance	384,401 km
Moon ecliptic longitude	712°
Moon ecliptic latitude	5°
Moon right ascension	11h 12m
Moon declination	+20°
Moon azimuth	317°
Moon altitude	-19°
Moon parallactic angle	0°

Monday, 6 Mar

Sunrise	7:15
Moonrise	13:45
Moon phase	Waning Crescent
Moon illumination	44%
Moon age	0.4 d
Moon distance	384,401 km
Moon ecliptic longitude	724°
Moon ecliptic latitude	5°
Moon right ascension	12h 12m
Moon declination	+22°
Moon azimuth	326°
Moon altitude	-14°
Moon parallactic angle	0°

Tuesday, 7 Mar

Sunrise	7:15
Moonrise	14:42
Moon phase	Waning Crescent
Moon illumination	57%
Moon age	1.4 d
Moon distance	384,401 km
Moon ecliptic longitude	736°
Moon ecliptic latitude	5°
Moon right ascension	13h 12m
Moon declination	+23°
Moon azimuth	335°
Moon altitude	-7°
Moon parallactic angle	0°

Wednesday, 8 Mar

Sunrise	7:15
Moonrise	15:39
Moon phase	Waning Crescent
Moon illumination	70%
Moon age	2.4 d
Moon distance	384,401 km
Moon ecliptic longitude	748°
Moon ecliptic latitude	5°
Moon right ascension	14h 12m
Moon declination	+24°
Moon azimuth	343°
Moon altitude	0°
Moon parallactic angle	0°

Thursday, 9 Mar

Sunrise	7:15
Moonrise	16:36
Moon phase	Waning Crescent
Moon illumination	81%
Moon age	3.4 d
Moon distance	384,401 km
Moon ecliptic longitude	760°
Moon ecliptic latitude	5°
Moon right ascension	15h 12m
Moon declination	+24°
Moon azimuth	350°
Moon altitude	7°
Moon parallactic angle	0°

Friday, 10 Mar

Sunrise	7:15
Moonrise	17:33
Moon phase	Waning Crescent
Moon illumination	89%
Moon age	4.4 d
Moon distance	384,401 km
Moon ecliptic longitude	772°
Moon ecliptic latitude	5°
Moon right ascension	16h 12m
Moon declination	+23°
Moon azimuth	356°
Moon altitude	14°
Moon parallactic angle	0°

Saturday, 11 Mar

Sunrise	7:15
Moonrise	18:30
Moon phase	Waning Crescent
Moon illumination	95%
Moon age	5.4 d
Moon distance	384,401 km
Moon ecliptic longitude	784°
Moon ecliptic latitude	5°
Moon right ascension	17h 12m
Moon declination	+20°
Moon azimuth	3°
Moon altitude	21°
Moon parallactic angle	0°

Sunday, 12 Mar

Sunrise	7:15
Moonrise	19:27
Moon phase	Waning Crescent
Moon illumination	98%
Moon age	6.4 d
Moon distance	384,401 km
Moon ecliptic longitude	796°
Moon ecliptic latitude	5°
Moon right ascension	18h 12m
Moon declination	+17°
Moon azimuth	10°
Moon altitude	28°
Moon parallactic angle	0°

Monday, 13 Mar

Sunrise	7:15
Moonrise	20:24
Moon phase	Waning Crescent
Moon illumination	100%
Moon age	7.4 d
Moon distance	384,401 km
Moon ecliptic longitude	808°
Moon ecliptic latitude	5°
Moon right ascension	19h 12m
Moon declination	+13°
Moon azimuth	16°
Moon altitude	34°
Moon parallactic angle	0°

Tuesday, 14 Mar

Sunrise	7:15
Moonrise	21:21
Moon phase	Waning Crescent
Moon illumination	98%
Moon age	8.4 d
Moon distance	384,401 km
Moon ecliptic longitude	820°
Moon ecliptic latitude	5°
Moon right ascension	20h 12m
Moon declination	+8°
Moon azimuth	22°
Moon altitude	38°
Moon parallactic angle	0°

Wednesday, 15 Mar

Sunrise	7:15
Moonrise	22:18
Moon phase	Waning Crescent
Moon illumination	95%
Moon age	9.4 d
Moon distance	384,401 km
Moon ecliptic longitude	832°
Moon ecliptic latitude	5°
Moon right ascension	21h 12m
Moon declination	+3°
Moon azimuth	28°
Moon altitude	38°
Moon parallactic angle	0°

Thursday, 16 Mar

Sunrise	7:15
Moonrise	23:15
Moon phase	Waning Crescent
Moon illumination	89%
Moon age	10.4 d
Moon distance	384,401 km
Moon ecliptic longitude	844°
Moon ecliptic latitude	5°
Moon right ascension	22h 12m
Moon declination	-2°
Moon azimuth	34°
Moon altitude	34°
Moon parallactic angle	0°

Friday, 17 Mar

Sunrise	7:15
Moonrise	00:12
Moon phase	Waning Crescent
Moon illumination	78%
Moon age	11.4 d
Moon distance	384,401 km
Moon ecliptic longitude	856°
Moon ecliptic latitude	5°
Moon right ascension	23h 12m
Moon declination	-7°
Moon azimuth	39°
Moon altitude	28°
Moon parallactic angle	0°

Saturday, 18 Mar

Sunrise	7:15
Moonrise	01:09
Moon phase	Waning Crescent
Moon illumination	68%
Moon age	12.4 d
Moon distance	384,401 km
Moon ecliptic longitude	868°
Moon ecliptic latitude	5°
Moon right ascension	0h 12m
Moon declination	-12°
Moon azimuth	44°
Moon altitude	21°
Moon parallactic angle	0°

Sunday, 19 Mar

Sunrise	7:15
Moonrise	02:06
Moon phase	Waning Crescent
Moon illumination	58%
Moon age	13.4 d
Moon distance	384,401 km
Moon ecliptic longitude	880°
Moon ecliptic latitude	5°
Moon right ascension	1h 12m
Moon declination	-16°
Moon azimuth	49°
Moon altitude	14°
Moon parallactic angle	0°

Monday, 20 Mar

Sunrise	7:15
Moonrise	03:03
Moon phase	Waning Crescent
Moon illumination	48%
Moon age	14.4 d
Moon distance	384,401 km
Moon ecliptic longitude	892°
Moon ecliptic latitude	5°
Moon right ascension	2h 12m
Moon declination	-18°
Moon azimuth	53°
Moon altitude	8°
Moon parallactic angle	0°

Tuesday, 21 Mar

Sunrise	7:15
Moonrise	04:00
Moon phase	Waning Crescent
Moon illumination	38%
Moon age	15.4 d
Moon distance	384,401 km
Moon ecliptic longitude	904°
Moon ecliptic latitude	5°
Moon right ascension	3h 12m
Moon declination	-17°
Moon azimuth	56°
Moon altitude	-2°
Moon parallactic angle	0°

Wednesday, 22 Mar

Sunrise	7:15
Moonrise	04:57
Moon phase	Waning Crescent
Moon illumination	29%
Moon age	16.4 d
Moon distance	384,401 km
Moon ecliptic longitude	916°
Moon ecliptic latitude	5°
Moon right ascension	4h 12m
Moon declination	-14°
Moon azimuth	58°
Moon altitude	-8°
Moon parallactic angle	0°

Thursday, 23 Mar

Sunrise	7:15
Moonrise	05:54
Moon phase	Waning Crescent
Moon illumination	21%
Moon age	17.4 d
Moon distance	384,401 km
Moon ecliptic longitude	928°
Moon ecliptic latitude	5°
Moon right ascension	5h 12m
Moon declination	-8°
Moon azimuth	61°
Moon altitude	-14°
Moon parallactic angle	0°

Friday, 24 Mar

Sunrise	7:15
Moonrise	06:51
Moon phase	Waning Crescent
Moon illumination	14%
Moon age	18.4 d
Moon distance	384,401 km
Moon ecliptic longitude	940°
Moon ecliptic latitude	5°
Moon right ascension	6h 12m
Moon declination	-3°
Moon azimuth	63°
Moon altitude	-19°
Moon parallactic angle	0°

Saturday, 25 Mar

Sunrise	7:15
Moonrise	07:48
Moon phase	Waning Crescent
Moon illumination	8%
Moon age	19.4 d
Moon distance	384,401 km
Moon ecliptic longitude	952°
Moon ecliptic latitude	5°
Moon right ascension	7h 12m
Moon declination	+2°
Moon azimuth	65°
Moon altitude	-22°
Moon parallactic angle	0°

Sunday, 26 Mar

Sunrise	7:15
Moonrise	08:45
Moon phase	Waning Crescent
Moon illumination	3%
Moon age	20.4 d
Moon distance	384,401 km
Moon ecliptic longitude	964°
Moon ecliptic latitude	5°
Moon right ascension	8h 12m
Moon declination	+7°
Moon azimuth	67°
Moon altitude	-23°
Moon parallactic angle	0°

Monday, 27 Mar

Sunrise	7:15
Moonrise	09:42
Moon phase	Waning Crescent
Moon illumination	0%
Moon age	21.4 d
Moon distance	384,401 km
Moon ecliptic longitude	976°
Moon ecliptic latitude	5°
Moon right ascension	9h 12m
Moon declination	+12°
Moon azimuth	69°
Moon altitude	-19°
Moon parallactic angle	0°

Tuesday, 28 Mar

Sunrise	7:15
Moonrise	10:39
Moon phase	Waning Crescent
Moon illumination	1%
Moon age	22.4 d
Moon distance	384,401 km
Moon ecliptic longitude	988°
Moon ecliptic latitude	5°
Moon right ascension	10h 12m
Moon declination	+17°
Moon azimuth	71°
Moon altitude	-14°
Moon parallactic angle	0°

Wednesday, 29 Mar

Sunrise	7:15
Moonrise	11:36
Moon phase	Waning Crescent
Moon illumination	5%
Moon age	23.4 d
Moon distance	384,401 km
Moon ecliptic longitude	1000°