
 * The visibility of the Moon for Anno Hijra 1434, Muharram *
 * Lunation (Astronomical): 1112 Lunation (Islamic): 17197 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 14 November 2012 (Wednesday) at 1h 8.2m

Evening of 14 November 2012 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	17h 39.0m	17h 54.4m	18h 13.7m
Altitude Sun above horizon	-0.27	-4.24	-8.52
Altitude Moon above horizon	6.41	3.35	-0.28
Azimuth Sun	250.49	251.85	253.46
Azimuth Moon	245.06	246.53	248.26
Azimuth difference Sun-Moon	-5.44	-5.32	-5.20
Angular separation Sun-Moon	8.60	9.26	9.73
Inclination lunar crescent	50.71	54.83	57.59
Lunar age (hours)	16.51	16.77	17.09

Evening of 15 November 2012 (Thursday)

	Sunset	Moon best visible	Moonset
Time	17h 38.7m	18h 21.9m	19h 15.8m
Altitude Sun above horizon	-0.27	-10.39	-22.56
Altitude Moon above horizon	18.43	10.13	-0.28
Azimuth Sun	250.22	253.86	257.88
Azimuth Moon	237.04	242.14	247.37
Azimuth difference Sun-Moon	-13.18	-11.72	-10.51
Angular separation Sun-Moon	22.75	23.57	24.51
Inclination lunar crescent	53.85	59.48	63.93
Lunar age (hours)	40.51	41.23	42.13

Evening of 16 November 2012 (Friday)

	Sunset	Moon best visible	Moonset
Time	17h 38.5m	18h 50.2m	20h 19.9m
Altitude Sun above horizon	-0.27	-16.80	-37.27
Altitude Moon above horizon	30.08	17.16	-0.28
Azimuth Sun	249.95	255.77	261.96
Azimuth Moon	228.05	238.81	248.27
Azimuth difference Sun-Moon	-21.90	-16.96	-13.68
Angular separation Sun-Moon	36.82	37.62	39.10
Inclination lunar crescent	51.51	61.45	67.97
Lunar age (hours)	64.50	65.70	67.20

 * The visibility of the Moon for Anno Hijra 1434, Safar *
 * Lunation (Astronomical): 1113 Lunation (Islamic): 17198 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 13 December 2012 (Thursday) at 11h 41.8m

Evening of 13 December 2012 (Thursday)

	Sunset	Moon best visible	Moonset
Time	17h 40.4m	17h 47.6m	17h 56.6m
Altitude Sun above horizon	-0.27	-2.36	-4.28
Altitude Moon above horizon	2.71	1.35	-0.28
Azimuth Sun	245.33	245.97	246.74
Azimuth Moon	246.08	246.74	247.54
Azimuth difference Sun-Moon	0.75	0.77	0.81
Angular separation Sun-Moon	3.07	3.79	4.08
Inclination lunar crescent	104.15	101.80	101.41
Lunar age (hours)	5.98	6.10	6.25

Evening of 14 December 2012 (Friday)

	Sunset	Moon best visible	Moonset
Time	17h 40.8m	18h 17.1m	19h 2.4m
Altitude Sun above horizon	-0.27	-8.60	-18.52
Altitude Moon above horizon	15.73	8.56	-0.28
Azimuth Sun	245.27	248.31	251.59
Azimuth Moon	240.77	244.86	249.24
Azimuth difference Sun-Moon	-4.50	-3.45	-2.35
Angular separation Sun-Moon	16.60	17.50	18.39
Inclination lunar crescent	74.08	78.46	82.55
Lunar age (hours)	29.98	30.59	31.34

Evening of 15 December 2012 (Saturday)

	Sunset	Moon best visible	Moonset
Time	17h 41.2m	18h 46.3m	20h 7.6m
Altitude Sun above horizon	-0.27	-14.87	-32.96
Altitude Moon above horizon	28.63	16.09	-0.27
Azimuth Sun	245.21	250.39	255.40
Azimuth Moon	234.99	244.06	252.46
Azimuth difference Sun-Moon	-10.22	-6.34	-2.94
Angular separation Sun-Moon	30.51	31.50	32.80
Inclination lunar crescent	69.55	77.81	84.57
Lunar age (hours)	53.99	55.07	56.43

 * The visibility of the Moon for Anno Hijra 1434, Rabi` al-Awwal *
 * Lunation (Astronomical): 1114 Lunation (Islamic): 17199 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 11 January 2013 (Friday) at 22h 43.8m

Evening of 12 January 2013 (Saturday)

	Sunset	Moon best visible	Moonset
Time	17h 57.4m	18h 20.2m	18h 48.7m
Altitude Sun above horizon	-0.27	-5.76	-12.00
Altitude Moon above horizon	10.11	5.38	-0.27
Azimuth Sun	247.12	249.09	251.35
Azimuth Moon	249.26	251.58	254.26
Azimuth difference Sun-Moon	2.14	2.49	2.91
Angular separation Sun-Moon	10.60	11.42	12.08
Inclination lunar crescent	101.71	102.65	104.03
Lunar age (hours)	19.23	19.61	20.08

Evening of 13 January 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	17h 58.1m	18h 48.4m	19h 51.3m
Altitude Sun above horizon	-0.27	-11.79	-25.82
Altitude Moon above horizon	23.41	12.86	-0.27
Azimuth Sun	247.31	251.46	255.83
Azimuth Moon	246.88	252.81	258.98
Azimuth difference Sun-Moon	-0.43	1.35	3.15
Angular separation Sun-Moon	23.68	24.69	25.73
Inclination lunar crescent	88.94	93.23	97.27
Lunar age (hours)	43.24	44.08	45.12

Evening of 14 January 2013 (Monday)

	Sunset	Moon best visible	Moonset
Time	17h 58.8m	19h 15.3m	20h 50.9m
Altitude Sun above horizon	-0.27	-17.62	-39.25
Altitude Moon above horizon	36.37	20.27	-0.27
Azimuth Sun	247.50	253.58	259.60
Azimuth Moon	244.16	254.62	264.20
Azimuth difference Sun-Moon	-3.33	1.04	4.60
Angular separation Sun-Moon	36.77	37.89	39.21
Inclination lunar crescent	84.42	91.70	97.29
Lunar age (hours)	67.25	68.52	70.12

 * The visibility of the Moon for Anno Hijra 1434, Rabi` al-Akhir *
 * Lunation (Astronomical): 1115 Lunation (Islamic): 17200 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 10 February 2013 (Sunday) at 10h 20.4m

Evening of 10 February 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 15.9m	18h 23.3m	18h 32.4m
Altitude Sun above horizon	-0.27	-2.49	-4.55
Altitude Moon above horizon	3.02	1.52	-0.27
Azimuth Sun	255.11	255.77	256.57
Azimuth Moon	259.87	260.55	261.39
Azimuth difference Sun-Moon	4.76	4.78	4.82
Angular separation Sun-Moon	5.79	6.24	6.44
Inclination lunar crescent	145.37	140.12	138.43
Lunar age (hours)	7.93	8.05	8.20

Evening of 11 February 2013 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 16.5m	18h 49.7m	19h 31.2m
Altitude Sun above horizon	-0.27	-8.36	-17.87
Altitude Moon above horizon	15.84	8.52	-0.26
Azimuth Sun	255.46	258.36	261.78
Azimuth Moon	259.53	262.84	266.71
Azimuth difference Sun-Moon	4.07	4.47	4.92
Angular separation Sun-Moon	16.60	17.46	18.25
Inclination lunar crescent	104.38	105.06	105.91
Lunar age (hours)	31.93	32.49	33.18

Evening of 12 February 2013 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 17.0m	19h 15.2m	20h 27.8m
Altitude Sun above horizon	-0.27	-14.08	-30.88
Altitude Moon above horizon	28.48	15.53	-0.26
Azimuth Sun	255.82	260.81	266.74
Azimuth Moon	259.20	265.30	272.04
Azimuth difference Sun-Moon	3.38	4.49	5.30
Angular separation Sun-Moon	28.93	29.95	31.03
Inclination lunar crescent	97.00	99.02	100.32
Lunar age (hours)	55.94	56.91	58.12

 * The visibility of the Moon for Anno Hijra 1434, Jumada 'l-Ula *
 * Lunation (Astronomical): 1116 Lunation (Islamic): 17201 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 11 March 2013 (Monday) at 22h 51.4m

Evening of 12 March 2013 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 29.1m	18h 47.0m	19h 9.3m
Altitude Sun above horizon	-0.27	-4.99	-10.18
Altitude Moon above horizon	8.28	4.35	-0.26
Azimuth Sun	267.01	268.64	270.68
Azimuth Moon	271.05	272.66	274.69
Azimuth difference Sun-Moon	4.03	4.02	4.00
Angular separation Sun-Moon	9.45	10.16	10.69
Inclination lunar crescent	115.37	113.41	112.10
Lunar age (hours)	19.63	19.93	20.30

Evening of 13 March 2013 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 29.5m	19h 11.4m	20h 3.8m
Altitude Sun above horizon	-0.27	-10.59	-22.76
Altitude Moon above horizon	20.34	10.94	-0.26
Azimuth Sun	267.44	271.28	276.34
Azimuth Moon	271.16	274.85	279.49
Azimuth difference Sun-Moon	3.73	3.57	3.15
Angular separation Sun-Moon	20.93	21.82	22.71
Inclination lunar crescent	100.48	99.65	98.18
Lunar age (hours)	43.63	44.33	45.21

Evening of 14 March 2013 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 29.8m	19h 35.5m	20h 57.5m
Altitude Sun above horizon	-0.27	-16.11	-34.99
Altitude Moon above horizon	32.18	17.40	-0.25
Azimuth Sun	267.86	273.95	282.88
Azimuth Moon	271.22	276.74	283.71
Azimuth difference Sun-Moon	3.36	2.79	0.83
Angular separation Sun-Moon	32.60	33.61	34.74
Inclination lunar crescent	96.25	95.04	91.46
Lunar age (hours)	67.64	68.73	70.10

 * The visibility of the Moon for Anno Hijra 1434, Jumada 'l-Akhira *
 * Lunation (Astronomical): 1117 Lunation (Islamic): 17202 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 10 April 2013 (Wednesday) at 12h 35.6m

Evening of 10 April 2013 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 38.5m	18h 42.5m	18h 47.5m
Altitude Sun above horizon	-0.27	-1.76	-2.91
Altitude Moon above horizon	1.50	0.71	-0.25
Azimuth Sun	279.11	279.48	279.95
Azimuth Moon	281.18	281.54	281.99
Azimuth difference Sun-Moon	2.07	2.06	2.04
Angular separation Sun-Moon	2.72	3.21	3.35
Inclination lunar crescent	139.51	129.84	127.59
Lunar age (hours)	6.05	6.12	6.20

Evening of 11 April 2013 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 38.8m	19h 6.3m	19h 40.6m
Altitude Sun above horizon	-0.27	-7.11	-14.87
Altitude Moon above horizon	12.79	6.78	-0.25
Azimuth Sun	279.51	282.11	285.63
Azimuth Moon	280.52	282.77	285.75
Azimuth difference Sun-Moon	1.01	0.66	0.12
Angular separation Sun-Moon	13.09	13.91	14.62
Inclination lunar crescent	94.48	92.76	90.48
Lunar age (hours)	30.05	30.51	31.08

Evening of 12 April 2013 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 39.1m	19h 29.8m	20h 33.1m
Altitude Sun above horizon	-0.27	-12.34	-26.31
Altitude Moon above horizon	24.12	12.94	-0.25
Azimuth Sun	279.90	284.85	292.33
Azimuth Moon	279.69	283.45	288.69
Azimuth difference Sun-Moon	-0.21	-1.39	-3.64
Angular separation Sun-Moon	24.39	25.33	26.29
Inclination lunar crescent	89.49	86.74	81.75
Lunar age (hours)	54.06	54.90	55.96

 * The visibility of the Moon for Anno Hijra 1434, Rajab *
 * Lunation (Astronomical): 1118 Lunation (Islamic): 17203 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 10 May 2013 (Friday) at 3h 28.6m

Evening of 10 May 2013 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 49.8m	19h 2.3m	19h 17.9m
Altitude Sun above horizon	-0.26	-3.57	-6.95
Altitude Moon above horizon	5.33	2.75	-0.25
Azimuth Sun	289.49	290.68	292.23
Azimuth Moon	287.63	288.68	290.04
Azimuth difference Sun-Moon	-1.86	-2.00	-2.19
Angular separation Sun-Moon	5.89	6.62	7.05
Inclination lunar crescent	71.58	72.42	71.89
Lunar age (hours)	15.35	15.56	15.82

Evening of 11 May 2013 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 50.2m	19h 25.0m	20h 8.4m
Altitude Sun above horizon	-0.26	-8.36	-17.47
Altitude Moon above horizon	15.99	8.51	-0.25
Azimuth Sun	289.77	293.20	298.19
Azimuth Moon	285.21	287.78	291.38
Azimuth difference Sun-Moon	-4.57	-5.41	-6.81
Angular separation Sun-Moon	16.87	17.72	18.48
Inclination lunar crescent	74.07	71.94	68.05
Lunar age (hours)	39.36	39.94	40.66

Evening of 12 May 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 50.6m	19h 46.9m	20h 57.2m
Altitude Sun above horizon	-0.26	-12.89	-26.99
Altitude Moon above horizon	26.58	14.26	-0.25
Azimuth Sun	290.04	295.83	305.34
Azimuth Moon	282.35	286.12	291.68
Azimuth difference Sun-Moon	-7.69	-9.71	-13.67
Angular separation Sun-Moon	27.85	28.84	29.80
Inclination lunar crescent	73.35	69.54	61.61
Lunar age (hours)	63.37	64.30	65.48

 * The visibility of the Moon for Anno Hijra 1434, Sha`ban *
 * Lunation (Astronomical): 1119 Lunation (Islamic): 17204 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 8 June 2013 (Saturday) at 18h 56.7m

Evening of 9 June 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	19h 2.2m	19h 19.4m	19h 40.9m
Altitude Sun above horizon	-0.26	-4.42	-8.84
Altitude Moon above horizon	7.51	3.92	-0.24
Azimuth Sun	295.15	296.81	299.04
Azimuth Moon	288.16	289.53	291.35
Azimuth difference Sun-Moon	-6.99	-7.27	-7.69
Angular separation Sun-Moon	10.44	11.06	11.51
Inclination lunar crescent	47.80	48.72	47.88
Lunar age (hours)	24.09	24.38	24.74

Evening of 10 June 2013 (Monday)

	Sunset	Moon best visible	Moonset
Time	19h 2.6m	19h 39.6m	20h 25.9m
Altitude Sun above horizon	-0.26	-8.51	-17.68
Altitude Moon above horizon	17.30	9.23	-0.25
Azimuth Sun	295.24	298.95	304.51
Azimuth Moon	283.50	286.20	289.97
Azimuth difference Sun-Moon	-11.74	-12.75	-14.54
Angular separation Sun-Moon	21.03	21.83	22.55
Inclination lunar crescent	55.46	53.60	49.09
Lunar age (hours)	48.10	48.72	49.49

Evening of 11 June 2013 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	19h 2.9m	19h 58.8m	21h 8.6m
Altitude Sun above horizon	-0.26	-12.29	-25.45
Altitude Moon above horizon	26.99	14.53	-0.25
Azimuth Sun	295.31	301.15	310.85
Azimuth Moon	278.14	282.12	287.67
Azimuth difference Sun-Moon	-17.17	-19.02	-23.17
Angular separation Sun-Moon	31.87	32.83	33.70
Inclination lunar crescent	56.00	53.05	44.83
Lunar age (hours)	72.10	73.03	74.20

 * The visibility of the Moon for Anno Hijra 1434, Ramadan *
 * Lunation (Astronomical): 1120 Lunation (Islamic): 17205 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 8 July 2013 (Monday) at 10h 14.6m

Evening of 8 July 2013 (Monday)

	Sunset	Moon best visible	Moonset
Time	19h 7.0m	19h 7.4m	19h 7.9m
Altitude Sun above horizon	-0.26	-0.92	-1.03
Altitude Moon above horizon	-0.06	-0.13	-0.25
Azimuth Sun	294.52	294.56	294.61
Azimuth Moon	288.49	288.53	288.57
Azimuth difference Sun-Moon	-6.03	-6.03	-6.04
Angular separation Sun-Moon	6.03	6.08	6.09
Inclination lunar crescent	1.94	7.42	7.33
Lunar age (hours)	8.87	8.88	8.89

Evening of 9 July 2013 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	19h 6.9m	19h 25.7m	19h 49.2m
Altitude Sun above horizon	-0.26	-4.79	-9.65
Altitude Moon above horizon	8.59	4.51	-0.25
Azimuth Sun	294.39	296.20	298.67
Azimuth Moon	282.26	283.77	285.74
Azimuth difference Sun-Moon	-12.13	-12.43	-12.92
Angular separation Sun-Moon	14.98	15.51	15.93
Inclination lunar crescent	35.63	36.42	35.43
Lunar age (hours)	32.87	33.18	33.58

Evening of 10 July 2013 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	19h 6.8m	19h 43.1m	20h 28.6m
Altitude Sun above horizon	-0.26	-8.43	-17.54
Altitude Moon above horizon	17.58	9.42	-0.25
Azimuth Sun	294.25	297.88	303.28
Azimuth Moon	275.56	278.44	282.21
Azimuth difference Sun-Moon	-18.69	-19.43	-21.07
Angular separation Sun-Moon	25.63	26.34	27.00
Inclination lunar crescent	42.19	41.43	37.63
Lunar age (hours)	56.87	57.48	58.23

 * The visibility of the Moon for Anno Hijra 1434, Shawwal *
 * Lunation (Astronomical): 1121 Lunation (Islamic): 17206 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 7 August 2013 (Wednesday) at 0h 51.1m

Evening of 7 August 2013 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 56.4m	19h 1.3m	19h 7.4m
Altitude Sun above horizon	-0.26	-1.91	-3.26
Altitude Moon above horizon	1.94	0.95	-0.25
Azimuth Sun	287.83	288.29	288.86
Azimuth Moon	278.62	279.04	279.56
Azimuth difference Sun-Moon	-9.20	-9.25	-9.30
Angular separation Sun-Moon	9.46	9.68	9.77
Inclination lunar crescent	13.37	17.07	17.75
Lunar age (hours)	18.09	18.17	18.27

Evening of 8 August 2013 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 55.8m	19h 17.8m	19h 45.3m
Altitude Sun above horizon	-0.26	-5.68	-11.65
Altitude Moon above horizon	10.48	5.55	-0.25
Azimuth Sun	287.52	289.62	292.48
Azimuth Moon	270.98	272.84	275.18
Azimuth difference Sun-Moon	-16.54	-16.78	-17.30
Angular separation Sun-Moon	19.65	20.17	20.62
Inclination lunar crescent	32.13	33.15	32.37
Lunar age (hours)	42.08	42.45	42.90

Evening of 9 August 2013 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 55.2m	19h 34.1m	20h 22.9m
Altitude Sun above horizon	-0.26	-9.41	-19.79
Altitude Moon above horizon	19.12	10.32	-0.25
Azimuth Sun	287.21	291.04	296.69
Azimuth Moon	262.71	266.29	270.50
Azimuth difference Sun-Moon	-24.50	-24.75	-26.19
Angular separation Sun-Moon	30.88	31.56	32.23
Inclination lunar crescent	36.10	36.88	34.17
Lunar age (hours)	66.07	66.72	67.53

 * The visibility of the Moon for Anno Hijra 1434, Dhu 'l-Qa`da *
 * Lunation (Astronomical): 1122 Lunation (Islamic): 17207 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 5 September 2013 (Thursday) at 14h 36.5m

Evening of 6 September 2013 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 32.3m	18h 45.2m	19h 1.2m
Altitude Sun above horizon	-0.26	-3.80	-7.49
Altitude Moon above horizon	5.85	3.04	-0.26
Azimuth Sun	277.01	278.19	279.71
Azimuth Moon	264.91	266.03	267.41
Azimuth difference Sun-Moon	-12.10	-12.17	-12.31
Angular separation Sun-Moon	13.54	13.95	14.24
Inclination lunar crescent	26.45	29.04	29.96
Lunar age (hours)	27.93	28.15	28.41

Evening of 7 September 2013 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 31.4m	19h 2.4m	19h 41.1m
Altitude Sun above horizon	-0.26	-7.98	-16.82
Altitude Moon above horizon	14.78	7.95	-0.26
Azimuth Sun	276.60	279.51	283.44
Azimuth Moon	256.26	259.24	262.67
Azimuth difference Sun-Moon	-20.35	-20.28	-20.78
Angular separation Sun-Moon	25.12	25.73	26.33
Inclination lunar crescent	35.03	37.04	36.89
Lunar age (hours)	51.92	52.43	53.08

Evening of 8 September 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 30.5m	19h 20.6m	20h 23.2m
Altitude Sun above horizon	-0.26	-12.37	-26.49
Altitude Moon above horizon	23.61	12.96	-0.26
Azimuth Sun	276.20	280.98	288.01
Azimuth Moon	246.69	252.37	258.21
Azimuth difference Sun-Moon	-29.51	-28.61	-29.81
Angular separation Sun-Moon	37.29	38.00	38.87
Inclination lunar crescent	35.60	38.93	37.61
Lunar age (hours)	75.90	76.74	77.78

 * The visibility of the Moon for Anno Hijra 1434, Dhu 'l-Hijja *
 * Lunation (Astronomical): 1123 Lunation (Islamic): 17208 *

Location: Mecca (Saudi Arabia)
 Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 5 October 2013 (Saturday) at 3h 34.6m

Evening of 5 October 2013 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 4.8m	18h 11.4m	18h 19.7m
Altitude Sun above horizon	-0.27	-2.37	-4.29
Altitude Moon above horizon	2.72	1.36	-0.26
Azimuth Sun	265.00	265.61	266.35
Azimuth Moon	258.58	259.16	259.87
Azimuth difference Sun-Moon	-6.42	-6.44	-6.48
Angular separation Sun-Moon	7.08	7.44	7.62
Inclination lunar crescent	24.85	29.95	31.72
Lunar age (hours)	14.50	14.61	14.75

Evening of 6 October 2013 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 3.9m	18h 31.0m	19h 4.7m
Altitude Sun above horizon	-0.27	-7.11	-14.97
Altitude Moon above horizon	12.36	6.63	-0.27
Azimuth Sun	264.59	267.03	270.07
Azimuth Moon	249.97	252.64	255.68
Azimuth difference Sun-Moon	-14.63	-14.38	-14.39
Angular separation Sun-Moon	19.24	19.86	20.46
Inclination lunar crescent	39.98	43.02	44.69
Lunar age (hours)	38.49	38.94	39.50

Evening of 7 October 2013 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 3.0m	18h 52.1m	19h 53.4m
Altitude Sun above horizon	-0.27	-12.23	-26.50
Altitude Moon above horizon	22.07	12.17	-0.27
Azimuth Sun	264.18	268.58	274.32
Azimuth Moon	240.55	246.39	252.27
Azimuth difference Sun-Moon	-23.63	-22.19	-22.06
Angular separation Sun-Moon	32.08	32.82	33.74
Inclination lunar crescent	41.01	45.82	47.46
Lunar age (hours)	62.47	63.29	64.31