
 * The visibility of the Moon for Anno Hijra 1430, Muharram *
 * Lunation (Astronomical): 1064 Lunation (Islamic): 17149 *

Location: Mecca (Saudi Arabia)

Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 27 December 2008 (Saturday) at 15h 22.7m

Evening of 28 December 2008 (Sunday)

	Sunset	Moon best visible	Moonset
Time	17h 47.7m	18h 9.3m	18h 36.3m
Altitude Sun above horizon	-0.27	-5.44	-11.28
Altitude Moon above horizon	8.92	4.76	-0.25
Azimuth Sun	245.28	247.15	249.27
Azimuth Moon	239.46	241.73	244.30
Azimuth difference Sun-Moon	-5.81	-5.41	-4.97
Angular separation Sun-Moon	10.86	11.55	12.09
Inclination lunar crescent	57.49	61.88	65.57
Lunar age (hours)	26.42	26.78	27.23

Evening of 29 December 2008 (Monday)

	Sunset	Moon best visible	Moonset
Time	17h 48.3m	18h 33.4m	19h 29.9m
Altitude Sun above horizon	-0.27	-10.53	-22.95
Altitude Moon above horizon	19.49	10.77	-0.25
Azimuth Sun	245.34	249.08	252.96
Azimuth Moon	236.67	242.26	247.96
Azimuth difference Sun-Moon	-8.67	-6.81	-5.00
Angular separation Sun-Moon	21.51	22.33	23.22
Inclination lunar crescent	65.73	71.81	77.22
Lunar age (hours)	50.43	51.18	52.12

Evening of 30 December 2008 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	17h 48.9m	18h 57.2m	20h 22.7m
Altitude Sun above horizon	-0.27	-15.60	-34.65
Altitude Moon above horizon	30.20	17.07	-0.25
Azimuth Sun	245.42	250.84	256.04
Azimuth Moon	233.62	243.58	252.61
Azimuth difference Sun-Moon	-11.80	-7.26	-3.43
Angular separation Sun-Moon	32.48	33.34	34.55
Inclination lunar crescent	67.62	76.70	83.95
Lunar age (hours)	74.44	75.58	77.00

 * The visibility of the Moon for Anno Hijra 1430, Safar *
 * Lunation (Astronomical): 1065 Lunation (Islamic): 17150 *

Location: Mecca (Saudi Arabia)

Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 26 January 2009 (Monday) at 10h 55.7m

Evening of 26 January 2009 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 6.9m	18h 11.8m	18h 18.0m
Altitude Sun above horizon	-0.27	-1.93	-3.29
Altitude Moon above horizon	1.85	0.90	-0.25
Azimuth Sun	250.34	250.78	251.33
Azimuth Moon	249.97	250.43	251.00
Azimuth difference Sun-Moon	-0.37	-0.35	-0.32
Angular separation Sun-Moon	2.15	2.84	3.06
Inclination lunar crescent	80.06	82.92	83.90
Lunar age (hours)	7.19	7.27	7.37

Evening of 27 January 2009 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 7.5m	18h 35.6m	19h 10.6m
Altitude Sun above horizon	-0.27	-7.04	-14.90
Altitude Moon above horizon	12.83	6.90	-0.25
Azimuth Sun	250.62	253.05	255.84
Azimuth Moon	249.93	252.89	256.26
Azimuth difference Sun-Moon	-0.69	-0.16	0.43
Angular separation Sun-Moon	13.11	13.94	14.65
Inclination lunar crescent	86.98	89.35	91.68
Lunar age (hours)	31.20	31.66	32.25

Evening of 28 January 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 8.2m	18h 59.0m	20h 2.5m
Altitude Sun above horizon	-0.27	-12.15	-26.58
Altitude Moon above horizon	24.20	13.27	-0.25
Azimuth Sun	250.91	255.18	259.89
Azimuth Moon	250.00	255.91	262.14
Azimuth difference Sun-Moon	-0.90	0.73	2.25
Angular separation Sun-Moon	24.49	25.44	26.42
Inclination lunar crescent	87.82	91.71	95.06
Lunar age (hours)	55.21	56.05	57.11

 * The visibility of the Moon for Anno Hijra 1430, Rabi` al-Awwal *
 * Lunation (Astronomical): 1066 Lunation (Islamic): 17151 *

Location: Mecca (Saudi Arabia)

Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 25 February 2009 (Wednesday) at 4h 35.5m

Evening of 25 February 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 23.3m	18h 34.7m	18h 49.0m
Altitude Sun above horizon	-0.27	-3.46	-6.75
Altitude Moon above horizon	5.08	2.62	-0.25
Azimuth Sun	260.79	261.82	263.08
Azimuth Moon	263.81	264.88	266.21
Azimuth difference Sun-Moon	3.02	3.07	3.12
Angular separation Sun-Moon	6.14	6.82	7.21
Inclination lunar crescent	119.51	116.79	115.74
Lunar age (hours)	13.80	13.99	14.23

Evening of 26 February 2009 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 23.7m	18h 58.5m	19h 42.0m
Altitude Sun above horizon	-0.27	-8.87	-18.96
Altitude Moon above horizon	16.82	9.04	-0.26
Azimuth Sun	261.19	264.29	268.12
Azimuth Moon	265.37	268.69	272.71
Azimuth difference Sun-Moon	4.18	4.40	4.59
Angular separation Sun-Moon	17.58	18.44	19.24
Inclination lunar crescent	103.96	104.03	104.06
Lunar age (hours)	37.80	38.38	39.11

Evening of 27 February 2009 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 24.2m	19h 23.0m	20h 36.5m
Altitude Sun above horizon	-0.27	-14.45	-31.54
Altitude Moon above horizon	28.88	15.65	-0.26
Azimuth Sun	261.59	266.82	273.63
Azimuth Moon	267.15	272.63	279.21
Azimuth difference Sun-Moon	5.55	5.81	5.58
Angular separation Sun-Moon	29.63	30.64	31.72
Inclination lunar crescent	101.29	101.46	100.66
Lunar age (hours)	61.81	62.79	64.02

 * The visibility of the Moon for Anno Hijra 1430, Rabi` al-Akhir *
 * Lunation (Astronomical): 1067 Lunation (Islamic): 17152 *

Location: Mecca (Saudi Arabia)

Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 26 March 2009 (Thursday) at 19h 6.2m

Evening of 27 March 2009 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 34.0m	18h 56.4m	19h 24.5m
Altitude Sun above horizon	-0.27	-6.04	-12.52
Altitude Moon above horizon	10.35	5.46	-0.26
Azimuth Sun	273.36	275.44	278.13
Azimuth Moon	278.65	280.59	283.09
Azimuth difference Sun-Moon	5.30	5.15	4.96
Angular separation Sun-Moon	11.86	12.60	13.20
Inclination lunar crescent	116.69	114.31	112.25
Lunar age (hours)	23.46	23.84	24.30

Evening of 28 March 2009 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 34.3m	19h 23.2m	20h 24.3m
Altitude Sun above horizon	-0.27	-12.14	-26.06
Altitude Moon above horizon	23.07	12.35	-0.27
Azimuth Sun	273.78	278.41	285.04
Azimuth Moon	280.10	283.82	288.97
Azimuth difference Sun-Moon	6.32	5.42	3.93
Angular separation Sun-Moon	24.13	25.07	26.08
Inclination lunar crescent	105.63	102.87	98.98
Lunar age (hours)	47.47	48.28	49.30

Evening of 29 March 2009 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 34.7m	19h 51.3m	21h 27.0m
Altitude Sun above horizon	-0.27	-18.48	-39.68
Altitude Moon above horizon	36.04	19.33	-0.27
Azimuth Sun	274.20	281.69	294.47
Azimuth Moon	281.71	286.44	293.86
Azimuth difference Sun-Moon	7.51	4.74	-0.62
Angular separation Sun-Moon	36.98	38.05	39.42
Inclination lunar crescent	102.55	97.71	89.03
Lunar age (hours)	71.47	72.75	74.35

 * The visibility of the Moon for Anno Hijra 1430, Jumada 'l-Ula *
 * Lunation (Astronomical): 1068 Lunation (Islamic): 17153 *

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

Astronomical New Moon on: 25 April 2009 (Saturday) at 6h 22.8m

Evening of 25 April 2009 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 43.7m	18h 56.7m	19h 12.8m
Altitude Sun above horizon	-0.26	-3.73	-7.33
Altitude Moon above horizon	5.38	2.76	-0.27
Azimuth Sun	284.73	285.95	287.53
Azimuth Moon	289.38	290.46	291.88
Azimuth difference Sun-Moon	4.64	4.52	4.36
Angular separation Sun-Moon	7.30	7.91	8.29
Inclination lunar crescent	129.55	124.91	121.79
Lunar age (hours)	12.35	12.56	12.83

Evening of 26 April 2009 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 44.1m	19h 26.1m	20h 18.5m
Altitude Sun above horizon	-0.26	-10.16	-21.45
Altitude Moon above horizon	18.70	9.94	-0.27
Azimuth Sun	285.08	289.21	295.34
Azimuth Moon	288.85	291.74	295.99
Azimuth difference Sun-Moon	3.77	2.53	0.65
Angular separation Sun-Moon	19.33	20.25	21.19
Inclination lunar crescent	101.47	97.33	91.81
Lunar age (hours)	36.36	37.05	37.93

Evening of 27 April 2009 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 44.5m	19h 55.8m	21h 24.9m
Altitude Sun above horizon	-0.26	-16.51	-34.61
Altitude Moon above horizon	32.28	17.25	-0.27
Azimuth Sun	285.42	292.83	305.99
Azimuth Moon	287.97	291.71	298.28
Azimuth difference Sun-Moon	2.55	-1.12	-7.71
Angular separation Sun-Moon	32.64	33.77	35.08
Inclination lunar crescent	94.73	87.99	76.51
Lunar age (hours)	60.36	61.55	63.03

 * The visibility of the Moon for Anno Hijra 1430, Jumada 'l-Akhira *
 * Lunation (Astronomical): 1069 Lunation (Islamic): 17154 *

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

Astronomical New Moon on: 24 May 2009 (Sunday) at 15h 11.2m

Evening of 24 May 2009 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 55.9m	19h 0.4m	19h 6.1m
Altitude Sun above horizon	-0.26	-1.80	-3.01
Altitude Moon above horizon	1.51	0.71	-0.27
Azimuth Sun	292.86	293.29	293.83
Azimuth Moon	296.52	296.91	297.40
Azimuth difference Sun-Moon	3.66	3.62	3.58
Angular separation Sun-Moon	4.07	4.41	4.50
Inclination lunar crescent	154.14	145.33	142.63
Lunar age (hours)	3.74	3.82	3.91

Evening of 25 May 2009 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 56.3m	19h 30.4m	20h 13.1m
Altitude Sun above horizon	-0.26	-8.05	-16.74
Altitude Moon above horizon	14.67	7.75	-0.28
Azimuth Sun	293.06	296.44	301.41
Azimuth Moon	292.79	295.11	298.51
Azimuth difference Sun-Moon	-0.27	-1.33	-2.90
Angular separation Sun-Moon	14.94	15.86	16.71
Inclination lunar crescent	88.96	85.13	79.88
Lunar age (hours)	27.75	28.32	29.03

Evening of 26 May 2009 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 56.7m	19h 58.6m	21h 16.0m
Altitude Sun above horizon	-0.26	-13.73	-28.46
Altitude Moon above horizon	28.04	14.99	-0.28
Azimuth Sun	293.24	299.76	310.95
Azimuth Moon	288.24	291.64	297.34
Azimuth difference Sun-Moon	-5.01	-8.12	-13.61
Angular separation Sun-Moon	28.71	29.87	31.04
Inclination lunar crescent	79.53	73.53	62.86
Lunar age (hours)	51.76	52.79	54.08

 * The visibility of the Moon for Anno Hijra 1430, Rajab *
 * Lunation (Astronomical): 1070 Lunation (Islamic): 17155 *

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

Astronomical New Moon on: 22 June 2009 (Monday) at 22h 35.2m

Evening of 23 June 2009 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	19h 6.1m	19h 29.1m	19h 57.9m
Altitude Sun above horizon	-0.26	-5.62	-11.45
Altitude Moon above horizon	9.86	5.17	-0.28
Azimuth Sun	295.64	297.88	301.00
Azimuth Moon	291.81	293.49	295.81
Azimuth difference Sun-Moon	-3.82	-4.39	-5.20
Angular separation Sun-Moon	10.82	11.64	12.31
Inclination lunar crescent	69.18	67.71	64.85
Lunar age (hours)	20.51	20.90	21.38

Evening of 24 June 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	19h 6.3m	19h 53.3m	20h 52.0m
Altitude Sun above horizon	-0.26	-10.49	-21.81
Altitude Moon above horizon	21.91	11.72	-0.28
Azimuth Sun	295.61	300.43	308.06
Azimuth Moon	283.87	286.96	291.47
Azimuth difference Sun-Moon	-11.75	-13.47	-16.59
Angular separation Sun-Moon	24.96	25.97	26.94
Inclination lunar crescent	61.15	57.85	50.92
Lunar age (hours)	44.52	45.30	46.28

Evening of 25 June 2009 (Thursday)

	Sunset	Moon best visible	Moonset
Time	19h 6.4m	20h 14.5m	21h 39.5m
Altitude Sun above horizon	-0.26	-14.66	-30.02
Altitude Moon above horizon	33.29	17.98	-0.27
Azimuth Sun	295.58	302.89	315.95
Azimuth Moon	274.37	279.21	285.74
Azimuth difference Sun-Moon	-21.21	-23.69	-30.21
Angular separation Sun-Moon	39.04	40.25	41.35
Inclination lunar crescent	54.94	51.55	40.39
Lunar age (hours)	68.52	69.65	71.07

 * The visibility of the Moon for Anno Hijra 1430, Sha`ban *
 * Lunation (Astronomical): 1071 Lunation (Islamic): 17156 *

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

Astronomical New Moon on: 22 July 2009 (Wednesday) at 5h 34.9m

Evening of 22 July 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	19h 4.1m	19h 14.7m	19h 27.8m
Altitude Sun above horizon	-0.26	-3.09	-5.90
Altitude Moon above horizon	4.41	2.24	-0.28
Azimuth Sun	292.07	293.07	294.37
Azimuth Moon	286.85	287.69	288.77
Azimuth difference Sun-Moon	-5.22	-5.38	-5.60
Angular separation Sun-Moon	7.00	7.58	7.92
Inclination lunar crescent	41.70	44.68	44.98
Lunar age (hours)	13.49	13.66	13.88

Evening of 23 July 2009 (Thursday)

	Sunset	Moon best visible	Moonset
Time	19h 3.8m	19h 34.8m	20h 13.5m
Altitude Sun above horizon	-0.26	-7.45	-15.47
Altitude Moon above horizon	14.76	7.86	-0.28
Azimuth Sun	291.85	294.89	299.26
Azimuth Moon	276.90	279.29	282.42
Azimuth difference Sun-Moon	-14.95	-15.60	-16.84
Angular separation Sun-Moon	21.08	21.83	22.53
Inclination lunar crescent	44.16	43.69	40.88
Lunar age (hours)	37.48	38.00	38.64

Evening of 24 July 2009 (Friday)

	Sunset	Moon best visible	Moonset
Time	19h 3.4m	19h 52.9m	20h 54.8m
Altitude Sun above horizon	-0.26	-11.35	-23.75
Altitude Moon above horizon	24.47	13.24	-0.27
Azimuth Sun	291.62	296.66	304.66
Azimuth Moon	266.06	270.35	275.48
Azimuth difference Sun-Moon	-25.56	-26.31	-29.18
Angular separation Sun-Moon	34.99	35.88	36.77
Inclination lunar crescent	41.21	40.87	35.46
Lunar age (hours)	61.48	62.30	63.33

 * The visibility of the Moon for Anno Hijra 1430, Ramadan *
 * Lunation (Astronomical): 1072 Lunation (Islamic): 17157 *

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

Astronomical New Moon on: 20 August 2009 (Thursday) at 13h 1.8m

Evening of 21 August 2009 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 46.4m	19h 4.1m	19h 26.2m
Altitude Sun above horizon	-0.26	-4.82	-9.76
Altitude Moon above horizon	8.27	4.34	-0.27
Azimuth Sun	283.15	284.81	287.00
Azimuth Moon	268.67	270.16	272.01
Azimuth difference Sun-Moon	-14.48	-14.65	-15.00
Angular separation Sun-Moon	16.76	17.27	17.68
Inclination lunar crescent	29.91	31.55	31.58
Lunar age (hours)	29.74	30.04	30.41

Evening of 22 August 2009 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 45.6m	19h 20.9m	20h 5.0m
Altitude Sun above horizon	-0.26	-8.79	-18.52
Altitude Moon above horizon	17.05	9.19	-0.27
Azimuth Sun	282.79	286.19	291.01
Azimuth Moon	257.78	261.12	264.95
Azimuth difference Sun-Moon	-25.01	-25.07	-26.06
Angular separation Sun-Moon	30.11	30.76	31.43
Inclination lunar crescent	32.58	34.08	32.59
Lunar age (hours)	53.73	54.32	55.05

Evening of 23 August 2009 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 44.8m	19h 37.7m	20h 43.7m
Altitude Sun above horizon	-0.26	-12.72	-27.02
Altitude Moon above horizon	25.00	13.74	-0.27
Azimuth Sun	282.42	287.64	295.76
Azimuth Moon	246.19	252.24	258.35
Azimuth difference Sun-Moon	-36.23	-35.40	-37.41
Angular separation Sun-Moon	43.19	43.90	44.78
Inclination lunar crescent	30.28	33.35	30.42
Lunar age (hours)	77.72	78.60	79.70

 * The visibility of the Moon for Anno Hijra 1430, Shawwal *
 * Lunation (Astronomical): 1073 Lunation (Islamic): 17158 *

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

Astronomical New Moon on: 18 September 2009 (Friday) at 21h 44.6m

Evening of 19 September 2009 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 20.0m	18h 27.3m	18h 36.5m
Altitude Sun above horizon	-0.27	-2.55	-4.69
Altitude Moon above horizon	3.10	1.56	-0.27
Azimuth Sun	271.68	272.36	273.20
Azimuth Moon	260.22	260.86	261.64
Azimuth difference Sun-Moon	-11.46	-11.50	-11.56
Angular separation Sun-Moon	11.94	12.21	12.37
Inclination lunar crescent	16.18	19.47	20.62
Lunar age (hours)	20.59	20.71	20.87

Evening of 20 September 2009 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 19.0m	18h 44.5m	19h 16.3m
Altitude Sun above horizon	-0.27	-6.76	-14.15
Altitude Moon above horizon	11.66	6.24	-0.26
Azimuth Sun	271.26	273.61	276.63
Azimuth Moon	250.05	252.53	255.36
Azimuth difference Sun-Moon	-21.21	-21.08	-21.28
Angular separation Sun-Moon	24.21	24.72	25.22
Inclination lunar crescent	28.06	30.69	31.60
Lunar age (hours)	44.57	45.00	45.53

Evening of 21 September 2009 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 18.0m	19h 2.5m	19h 58.0m
Altitude Sun above horizon	-0.27	-11.17	-23.98
Altitude Moon above horizon	19.78	10.87	-0.26
Azimuth Sun	270.85	274.96	280.60
Azimuth Moon	239.56	244.73	249.99
Azimuth difference Sun-Moon	-31.28	-30.24	-30.61
Angular separation Sun-Moon	36.62	37.23	37.99
Inclination lunar crescent	29.48	33.66	34.17
Lunar age (hours)	68.56	69.30	70.22

 * The visibility of the Moon for Anno Hijra 1430, Dhu 'l-Qa`da *
 * Lunation (Astronomical): 1074 Lunation (Islamic): 17159 *

Location: Mecca (Saudi Arabia)

Longitude = 39.8240 East; Latitude = 21.4220 North; Time Zone = 3.0

Astronomical New Moon on: 18 October 2009 (Sunday) at 8h 33.4m

Evening of 19 October 2009 (Monday)

	Sunset	Moon best visible	Moonset
Time	17h 53.1m	18h 11.2m	18h 33.8m
Altitude Sun above horizon	-0.27	-4.98	-10.18
Altitude Moon above horizon	7.66	4.04	-0.26
Azimuth Sun	259.39	261.01	262.97
Azimuth Moon	243.97	245.72	247.74
Azimuth difference Sun-Moon	-15.42	-15.28	-15.22
Angular separation Sun-Moon	17.30	17.73	18.10
Inclination lunar crescent	26.61	30.07	32.32
Lunar age (hours)	33.33	33.63	34.01

Evening of 20 October 2009 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	17h 52.4m	18h 31.5m	19h 20.5m
Altitude Sun above horizon	-0.27	-9.83	-21.17
Altitude Moon above horizon	16.44	9.02	-0.26
Azimuth Sun	259.01	262.45	266.62
Azimuth Moon	235.08	239.62	244.31
Azimuth difference Sun-Moon	-23.93	-22.83	-22.31
Angular separation Sun-Moon	28.91	29.50	30.19
Inclination lunar crescent	32.97	38.01	41.00
Lunar age (hours)	57.32	57.97	58.78

Evening of 21 October 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	17h 51.7m	18h 53.3m	20h 10.3m
Altitude Sun above horizon	-0.27	-15.02	-32.93
Altitude Moon above horizon	24.72	14.04	-0.25
Azimuth Sun	258.62	263.97	270.67
Azimuth Moon	225.68	234.38	242.36
Azimuth difference Sun-Moon	-32.94	-29.59	-28.31
Angular separation Sun-Moon	40.51	41.08	42.15
Inclination lunar crescent	33.15	41.28	45.04
Lunar age (hours)	81.30	82.33	83.62

 * The visibility of the Moon for Anno Hijra 1430, Dhu 'l-Hijja *
 * Lunation (Astronomical): 1075 Lunation (Islamic): 17160 *

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

Astronomical New Moon on: 16 November 2009 (Monday) at 22h 14.1m

Evening of 17 November 2009 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	17h 38.3m	17h 48.4m	18h 0.9m
Altitude Sun above horizon	-0.27	-3.04	-5.80
Altitude Moon above horizon	3.86	1.98	-0.25
Azimuth Sun	249.76	250.65	251.72
Azimuth Moon	241.06	242.00	243.12
Azimuth difference Sun-Moon	-8.70	-8.65	-8.60
Angular separation Sun-Moon	9.62	9.99	10.22
Inclination lunar crescent	25.26	29.97	32.59
Lunar age (hours)	19.40	19.57	19.78

Evening of 18 November 2009 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	17h 38.1m	18h 11.2m	18h 52.5m
Altitude Sun above horizon	-0.27	-8.11	-17.35
Altitude Moon above horizon	13.50	7.35	-0.25
Azimuth Sun	249.50	252.32	255.49
Azimuth Moon	234.40	238.13	242.11
Azimuth difference Sun-Moon	-15.10	-14.19	-13.39
Angular separation Sun-Moon	20.33	20.95	21.59
Inclination lunar crescent	41.43	46.71	51.00
Lunar age (hours)	43.40	43.95	44.64

Evening of 19 November 2009 (Thursday)

	Sunset	Moon best visible	Moonset
Time	17h 37.9m	18h 34.9m	19h 46.0m
Altitude Sun above horizon	-0.27	-13.41	-29.51
Altitude Moon above horizon	22.96	12.96	-0.25
Azimuth Sun	249.25	253.94	258.93
Azimuth Moon	227.45	235.25	242.62
Azimuth difference Sun-Moon	-21.80	-18.69	-16.31
Angular separation Sun-Moon	31.45	32.12	33.14
Inclination lunar crescent	44.63	52.94	59.08
Lunar age (hours)	67.40	68.35	69.53