
 * The visibility of the Moon for Anno Hijra 1432, Muharram *
 * Lunation (Astronomical): 1088 Lunation (Islamic): 17173 *

Location: Mecca (Saudi Arabia)

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

Astronomical New Moon on: 5 December 2010 (Sunday) at 20h 36.0m

Evening of 6 December 2010 (Monday)

	Sunset	Moon best visible	Moonset
Time	17h 38.2m	17h 56.6m	18h 19.4m
Altitude Sun above horizon	-0.27	-4.76	-9.72
Altitude Moon above horizon	7.44	3.93	-0.26
Azimuth Sun	246.06	247.65	249.49
Azimuth Moon	240.05	241.90	244.02
Azimuth difference Sun-Moon	-6.00	-5.75	-5.47
Angular separation Sun-Moon	9.76	10.41	10.91
Inclination lunar crescent	51.90	56.32	59.74
Lunar age (hours)	21.04	21.34	21.72

Evening of 7 December 2010 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	17h 38.5m	18h 22.5m	19h 17.5m
Altitude Sun above horizon	-0.27	-10.33	-22.47
Altitude Moon above horizon	18.54	10.24	-0.26
Azimuth Sun	245.93	249.58	253.43
Azimuth Moon	234.78	240.17	245.66
Azimuth difference Sun-Moon	-11.15	-9.41	-7.77
Angular separation Sun-Moon	21.77	22.57	23.47
Inclination lunar crescent	58.57	64.78	70.16
Lunar age (hours)	45.04	45.77	46.69

Evening of 8 December 2010 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	17h 38.7m	18h 47.9m	20h 14.5m
Altitude Sun above horizon	-0.27	-15.84	-35.20
Altitude Moon above horizon	29.34	16.70	-0.25
Azimuth Sun	245.82	251.31	256.60
Azimuth Moon	229.10	239.42	248.63
Azimuth difference Sun-Moon	-16.72	-11.89	-7.97
Angular separation Sun-Moon	33.64	34.43	35.72
Inclination lunar crescent	58.71	68.62	76.26
Lunar age (hours)	69.04	70.20	71.64

 * The visibility of the Moon for Anno Hijra 1432, Safar *
 * Lunation (Astronomical): 1089 Lunation (Islamic): 17174 *

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

Astronomical New Moon on: 4 January 2011 (Tuesday) at 12h 3.1m

Evening of 4 January 2011 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	17h 51.7m	17h 56.4m	18h 2.1m
Altitude Sun above horizon	-0.27	-1.82	-3.06
Altitude Moon above horizon	1.64	0.78	-0.25
Azimuth Sun	245.85	246.27	246.77
Azimuth Moon	246.24	246.67	247.20
Azimuth difference Sun-Moon	0.39	0.41	0.43
Angular separation Sun-Moon	1.95	2.64	2.83
Inclination lunar crescent	101.60	98.86	98.64
Lunar age (hours)	5.81	5.89	5.98

Evening of 5 January 2011 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	17h 52.4m	18h 21.5m	18h 57.9m
Altitude Sun above horizon	-0.27	-7.09	-15.03
Altitude Moon above horizon	12.83	6.92	-0.25
Azimuth Sun	245.97	248.45	251.21
Azimuth Moon	244.12	247.27	250.77
Azimuth difference Sun-Moon	-1.85	-1.18	-0.44
Angular separation Sun-Moon	13.23	14.06	14.79
Inclination lunar crescent	81.88	85.12	88.28
Lunar age (hours)	29.82	30.31	30.91

Evening of 6 January 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	17h 53.0m	18h 45.7m	19h 51.5m
Altitude Sun above horizon	-0.27	-12.22	-26.83
Altitude Moon above horizon	24.06	13.31	-0.25
Azimuth Sun	246.10	250.41	254.82
Azimuth Moon	241.99	248.58	255.19
Azimuth difference Sun-Moon	-4.11	-1.83	0.37
Angular separation Sun-Moon	24.65	25.58	26.58
Inclination lunar crescent	80.11	85.75	90.82
Lunar age (hours)	53.83	54.71	55.81

 * The visibility of the Moon for Anno Hijra 1432, Rabi` al-Awwal *
 * Lunation (Astronomical): 1090 Lunation (Islamic): 17175 *

Location: Mecca (Saudi Arabia)

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

Astronomical New Moon on: 3 February 2011 (Thursday) at 5h 31.2m

Evening of 3 February 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 11.6m	18h 22.3m	18h 35.7m
Altitude Sun above horizon	-0.27	-3.22	-6.22
Altitude Moon above horizon	4.63	2.39	-0.25
Azimuth Sun	252.58	253.53	254.69
Azimuth Moon	255.88	256.90	258.14
Azimuth difference Sun-Moon	3.30	3.37	3.46
Angular separation Sun-Moon	5.91	6.54	6.89
Inclination lunar crescent	124.02	121.03	120.14
Lunar age (hours)	12.67	12.85	13.08

Evening of 4 February 2011 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 12.2m	18h 45.0m	19h 25.9m
Altitude Sun above horizon	-0.27	-8.18	-17.48
Altitude Moon above horizon	15.58	8.41	-0.25
Azimuth Sun	252.90	255.74	259.02
Azimuth Moon	256.05	259.42	263.30
Azimuth difference Sun-Moon	3.15	3.68	4.28
Angular separation Sun-Moon	16.16	16.99	17.74
Inclination lunar crescent	101.37	102.68	104.17
Lunar age (hours)	36.68	37.23	37.91

Evening of 5 February 2011 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 12.8m	19h 7.1m	20h 15.0m
Altitude Sun above horizon	-0.27	-13.07	-28.64
Altitude Moon above horizon	26.54	14.50	-0.25
Azimuth Sun	253.23	257.83	263.08
Azimuth Moon	256.29	262.21	268.66
Azimuth difference Sun-Moon	3.06	4.38	5.58
Angular separation Sun-Moon	26.97	27.92	28.89
Inclination lunar crescent	96.76	99.38	101.60
Lunar age (hours)	60.69	61.60	62.73

 * The visibility of the Moon for Anno Hijra 1432, Rabi` al-Akhir *
 * Lunation (Astronomical): 1091 Lunation (Islamic): 17176 *

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

Astronomical New Moon on: 4 March 2011 (Friday) at 23h 46.4m

Evening of 5 March 2011 (Saturday)

	Sunset	Moon best visible	Moonset
Time	18h 26.4m	18h 41.0m	18h 59.3m
Altitude Sun above horizon	-0.27	-4.23	-8.47
Altitude Moon above horizon	6.73	3.51	-0.25
Azimuth Sun	263.86	265.18	266.83
Azimuth Moon	269.06	270.40	272.08
Azimuth difference Sun-Moon	5.20	5.22	5.25
Angular separation Sun-Moon	8.71	9.33	9.75
Inclination lunar crescent	126.76	124.12	122.73
Lunar age (hours)	18.67	18.91	19.21

Evening of 6 March 2011 (Sunday)

	Sunset	Moon best visible	Moonset
Time	18h 26.8m	19h 2.8m	19h 47.9m
Altitude Sun above horizon	-0.27	-9.21	-19.69
Altitude Moon above horizon	17.50	9.39	-0.24
Azimuth Sun	264.28	267.53	271.65
Azimuth Moon	269.99	273.25	277.31
Azimuth difference Sun-Moon	5.71	5.71	5.66
Angular separation Sun-Moon	18.63	19.45	20.22
Inclination lunar crescent	108.14	107.40	106.57
Lunar age (hours)	42.67	43.27	44.02

Evening of 7 March 2011 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 27.1m	19h 24.9m	20h 37.1m
Altitude Sun above horizon	-0.27	-14.26	-31.03
Altitude Moon above horizon	28.35	15.32	-0.25
Azimuth Sun	264.69	269.92	277.01
Azimuth Moon	270.98	275.97	282.26
Azimuth difference Sun-Moon	6.29	6.05	5.24
Angular separation Sun-Moon	29.24	30.17	31.18
Inclination lunar crescent	102.95	102.10	100.16
Lunar age (hours)	66.68	67.64	68.85

 * The visibility of the Moon for Anno Hijra 1432, Jumada 'l-Ula *
 * Lunation (Astronomical): 1092 Lunation (Islamic): 17177 *

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

Astronomical New Moon on: 3 April 2011 (Sunday) at 17h 32.8m

Evening of 4 April 2011 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 36.4m	18h 57.4m	19h 23.7m
Altitude Sun above horizon	-0.27	-5.69	-11.72
Altitude Moon above horizon	9.65	5.08	-0.25
Azimuth Sun	276.48	278.45	281.02
Azimuth Moon	281.14	282.92	285.24
Azimuth difference Sun-Moon	4.66	4.47	4.23
Angular separation Sun-Moon	10.95	11.66	12.22
Inclination lunar crescent	115.30	112.68	110.37
Lunar age (hours)	25.06	25.41	25.85

Evening of 5 April 2011 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 36.7m	19h 20.5m	20h 15.2m
Altitude Sun above horizon	-0.27	-10.90	-23.25
Altitude Moon above horizon	20.64	11.04	-0.25
Azimuth Sun	276.89	281.08	287.06
Azimuth Moon	281.33	284.65	289.25
Azimuth difference Sun-Moon	4.44	3.57	2.18
Angular separation Sun-Moon	21.35	22.22	23.10
Inclination lunar crescent	102.27	99.48	95.57
Lunar age (hours)	49.06	49.79	50.71

Evening of 6 April 2011 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 37.0m	19h 44.1m	21h 8.0m
Altitude Sun above horizon	-0.27	-16.17	-34.59
Altitude Moon above horizon	31.80	17.07	-0.25
Azimuth Sun	277.30	283.91	294.76
Azimuth Moon	281.39	285.80	292.42
Azimuth difference Sun-Moon	4.09	1.88	-2.34
Angular separation Sun-Moon	32.30	33.28	34.42
Inclination lunar crescent	97.68	93.43	85.85
Lunar age (hours)	73.07	74.19	75.59

 * The visibility of the Moon for Anno Hijra 1432, Jumada 'l-Akhira *
 * Lunation (Astronomical): 1093 Lunation (Islamic): 17178 *

Location: Mecca (Saudi Arabia)

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

Astronomical New Moon on: 3 May 2011 (Tuesday) at 9h 51.1m

Evening of 3 May 2011 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 46.7m	18h 54.1m	19h 3.3m
Altitude Sun above horizon	-0.26	-2.47	-4.50
Altitude Moon above horizon	2.90	1.45	-0.25
Azimuth Sun	287.24	287.93	288.82
Azimuth Moon	289.98	290.62	291.43
Azimuth difference Sun-Moon	2.74	2.68	2.61
Angular separation Sun-Moon	4.18	4.75	4.99
Inclination lunar crescent	130.88	124.41	121.61
Lunar age (hours)	8.93	9.05	9.20

Evening of 4 May 2011 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 47.1m	19h 18.2m	19h 57.0m
Altitude Sun above horizon	-0.26	-7.67	-16.01
Altitude Moon above horizon	13.92	7.37	-0.25
Azimuth Sun	287.56	290.58	294.88
Azimuth Moon	288.34	290.65	293.88
Azimuth difference Sun-Moon	0.78	0.06	-1.00
Angular separation Sun-Moon	14.20	15.04	15.79
Inclination lunar crescent	93.18	90.24	86.33
Lunar age (hours)	32.93	33.45	34.10

Evening of 5 May 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 47.5m	19h 42.4m	20h 50.9m
Altitude Sun above horizon	-0.26	-12.78	-26.88
Altitude Moon above horizon	25.24	13.50	-0.25
Azimuth Sun	287.87	293.45	302.48
Azimuth Moon	286.30	289.76	295.12
Azimuth difference Sun-Moon	-1.57	-3.69	-7.36
Angular separation Sun-Moon	25.55	26.54	27.55
Inclination lunar crescent	86.35	81.72	73.91
Lunar age (hours)	56.94	57.85	59.00

 * The visibility of the Moon for Anno Hijra 1432, Rajab *
 * Lunation (Astronomical): 1094 Lunation (Islamic): 17179 *

Location: Mecca (Saudi Arabia)

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

Astronomical New Moon on: 2 June 2011 (Thursday) at 0h 3.0m

Evening of 2 June 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 59.5m	19h 16.8m	19h 38.5m
Altitude Sun above horizon	-0.26	-4.49	-8.99
Altitude Moon above horizon	7.34	3.82	-0.26
Azimuth Sun	294.30	295.97	298.23
Azimuth Moon	291.96	293.32	295.14
Azimuth difference Sun-Moon	-2.35	-2.66	-3.09
Angular separation Sun-Moon	7.96	8.73	9.26
Inclination lunar crescent	72.78	72.19	70.42
Lunar age (hours)	18.94	19.23	19.59

Evening of 3 June 2011 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 59.9m	19h 40.3m	20h 30.7m
Altitude Sun above horizon	-0.26	-9.25	-19.26
Altitude Moon above horizon	18.39	9.80	-0.26
Azimuth Sun	294.44	298.51	304.71
Azimuth Moon	287.26	290.00	294.01
Azimuth difference Sun-Moon	-7.18	-8.51	-10.71
Angular separation Sun-Moon	19.95	20.86	21.71
Inclination lunar crescent	68.51	65.45	59.85
Lunar age (hours)	42.95	43.62	44.46

Evening of 4 June 2011 (Saturday)

	Sunset	Moon best visible	Moonset
Time	19h 0.2m	20h 2.4m	21h 20.1m
Altitude Sun above horizon	-0.26	-13.63	-28.15
Altitude Moon above horizon	29.51	15.86	-0.26
Azimuth Sun	294.57	301.14	312.47
Azimuth Moon	281.58	285.53	291.45
Azimuth difference Sun-Moon	-12.99	-15.62	-21.02
Angular separation Sun-Moon	32.25	33.36	34.39
Inclination lunar crescent	65.09	60.69	50.57
Lunar age (hours)	66.95	67.99	69.29

 * The visibility of the Moon for Anno Hijra 1432, Sha`ban *
 * Lunation (Astronomical): 1095 Lunation (Islamic): 17180 *

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

Astronomical New Moon on: 1 July 2011 (Friday) at 11h 54.4m

Evening of 1 July 2011 (Friday)

	Sunset	Moon best visible	Moonset
Time	19h 7.0m	19h 10.3m	19h 14.3m
Altitude Sun above horizon	-0.26	-1.51	-2.35
Altitude Moon above horizon	1.06	0.47	-0.26
Azimuth Sun	295.28	295.59	295.97
Azimuth Moon	291.96	292.23	292.58
Azimuth difference Sun-Moon	-3.32	-3.35	-3.39
Angular separation Sun-Moon	3.57	3.89	3.98
Inclination lunar crescent	21.69	30.52	31.61
Lunar age (hours)	7.21	7.26	7.33

Evening of 2 July 2011 (Saturday)

	Sunset	Moon best visible	Moonset
Time	19h 7.1m	19h 31.8m	20h 2.6m
Altitude Sun above horizon	-0.26	-5.98	-12.24
Altitude Moon above horizon	11.24	5.93	-0.26
Azimuth Sun	295.21	297.62	301.00
Azimuth Moon	284.74	286.61	289.13
Azimuth difference Sun-Moon	-10.46	-11.01	-11.87
Angular separation Sun-Moon	15.51	16.21	16.80
Inclination lunar crescent	47.21	46.84	44.62
Lunar age (hours)	31.21	31.62	32.14

Evening of 3 July 2011 (Sunday)

	Sunset	Moon best visible	Moonset
Time	19h 7.1m	19h 51.9m	20h 47.9m
Altitude Sun above horizon	-0.26	-10.09	-20.99
Altitude Moon above horizon	21.62	11.61	-0.27
Azimuth Sun	295.12	299.68	306.80
Azimuth Moon	276.67	280.02	284.51
Azimuth difference Sun-Moon	-18.45	-19.66	-22.30
Angular separation Sun-Moon	28.34	29.22	30.06
Inclination lunar crescent	48.18	46.45	40.77
Lunar age (hours)	55.21	55.96	56.89

 * The visibility of the Moon for Anno Hijra 1432, Ramadan *
 * Lunation (Astronomical): 1096 Lunation (Islamic): 17181 *

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

Astronomical New Moon on: 30 July 2011 (Saturday) at 21h 40.2m

Evening of 31 July 2011 (Sunday)

	Sunset	Moon best visible	Moonset
Time	19h 0.6m	19h 11.9m	19h 26.0m
Altitude Sun above horizon	-0.26	-3.29	-6.34
Altitude Moon above horizon	4.97	2.55	-0.27
Azimuth Sun	289.99	291.05	292.44
Azimuth Moon	279.27	280.19	281.37
Azimuth difference Sun-Moon	-10.72	-10.86	-11.08
Angular separation Sun-Moon	11.92	12.33	12.61
Inclination lunar crescent	25.73	28.05	28.37
Lunar age (hours)	21.34	21.53	21.76

Evening of 1 August 2011 (Monday)

	Sunset	Moon best visible	Moonset
Time	19h 0.1m	19h 30.6m	20h 8.8m
Altitude Sun above horizon	-0.26	-7.45	-15.52
Altitude Moon above horizon	14.75	7.88	-0.27
Azimuth Sun	289.72	292.69	296.93
Azimuth Moon	269.65	272.21	275.39
Azimuth difference Sun-Moon	-20.06	-20.48	-21.54
Angular separation Sun-Moon	24.88	25.54	26.17
Inclination lunar crescent	35.38	35.76	33.63
Lunar age (hours)	45.33	45.84	46.48

Evening of 2 August 2011 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 59.6m	19h 48.9m	20h 50.5m
Altitude Sun above horizon	-0.26	-11.48	-24.13
Altitude Moon above horizon	24.23	13.16	-0.27
Azimuth Sun	289.44	294.42	302.26
Azimuth Moon	258.98	263.74	269.08
Azimuth difference Sun-Moon	-30.46	-30.68	-33.19
Angular separation Sun-Moon	38.36	39.17	40.03
Inclination lunar crescent	35.22	36.13	31.67
Lunar age (hours)	69.32	70.15	71.17

 * The visibility of the Moon for Anno Hijra 1432, Shawwal *
 * Lunation (Astronomical): 1097 Lunation (Islamic): 17182 *

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

Astronomical New Moon on: 29 August 2011 (Monday) at 6h 4.4m

Evening of 29 August 2011 (Monday)

	Sunset	Moon best visible	Moonset
Time	18h 40.1m	18h 41.8m	18h 43.9m
Altitude Sun above horizon	-0.26	-1.22	-1.71
Altitude Moon above horizon	0.48	0.15	-0.28
Azimuth Sun	280.35	280.51	280.71
Azimuth Moon	271.71	271.85	272.03
Azimuth difference Sun-Moon	-8.64	-8.66	-8.68
Angular separation Sun-Moon	8.67	8.76	8.79
Inclination lunar crescent	4.90	8.97	9.28
Lunar age (hours)	12.59	12.62	12.66

Evening of 30 August 2011 (Tuesday)

	Sunset	Moon best visible	Moonset
Time	18h 39.2m	19h 0.5m	19h 27.1m
Altitude Sun above horizon	-0.26	-5.70	-11.73
Altitude Moon above horizon	10.00	5.29	-0.28
Azimuth Sun	279.97	281.96	284.61
Azimuth Moon	261.41	263.30	265.57
Azimuth difference Sun-Moon	-18.56	-18.67	-19.04
Angular separation Sun-Moon	21.13	21.64	22.10
Inclination lunar crescent	28.00	29.77	29.87
Lunar age (hours)	36.58	36.93	37.38

Evening of 31 August 2011 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 38.3m	19h 19.7m	20h 11.4m
Altitude Sun above horizon	-0.26	-10.27	-21.81
Altitude Moon above horizon	19.55	10.63	-0.28
Azimuth Sun	279.58	283.55	289.25
Azimuth Moon	250.42	254.72	259.37
Azimuth difference Sun-Moon	-29.15	-28.82	-29.88
Angular separation Sun-Moon	34.77	35.46	36.22
Inclination lunar crescent	31.33	33.80	32.53
Lunar age (hours)	60.56	61.25	62.12

 * The visibility of the Moon for Anno Hijra 1432, Dhu 'l-Qa'da *
 * Lunation (Astronomical): 1098 Lunation (Islamic): 17183 *

Location: Mecca (Saudi Arabia)

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

Astronomical New Moon on: 27 September 2011 (Tuesday) at 14h 9.0m

Evening of 28 September 2011 (Wednesday)

	Sunset	Moon best visible	Moonset
Time	18h 11.8m	18h 27.7m	18h 47.6m
Altitude Sun above horizon	-0.27	-4.54	-9.18
Altitude Moon above horizon	7.08	3.70	-0.28
Azimuth Sun	268.12	269.58	271.40
Azimuth Moon	253.33	254.78	256.51
Azimuth difference Sun-Moon	-14.80	-14.79	-14.88
Angular separation Sun-Moon	16.49	16.93	17.29
Inclination lunar crescent	25.86	28.72	30.19
Lunar age (hours)	28.05	28.31	28.64

Evening of 29 September 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	18h 10.8m	18h 49.3m	19h 37.5m
Altitude Sun above horizon	-0.27	-9.80	-20.98
Altitude Moon above horizon	17.22	9.38	-0.28
Azimuth Sun	267.71	271.22	275.80
Azimuth Moon	242.80	247.01	251.47
Azimuth difference Sun-Moon	-24.91	-24.21	-24.33
Angular separation Sun-Moon	30.12	30.78	31.52
Inclination lunar crescent	32.94	36.75	37.98
Lunar age (hours)	52.03	52.67	53.47

Evening of 30 September 2011 (Friday)

	Sunset	Moon best visible	Moonset
Time	18h 9.9m	19h 12.5m	20h 30.9m
Altitude Sun above horizon	-0.27	-15.42	-33.50
Altitude Moon above horizon	26.72	15.03	-0.27
Azimuth Sun	267.29	273.04	281.27
Azimuth Moon	231.32	239.90	247.78
Azimuth difference Sun-Moon	-35.97	-33.14	-33.48
Angular separation Sun-Moon	43.88	44.55	45.72
Inclination lunar crescent	32.06	38.82	39.60
Lunar age (hours)	76.01	77.06	78.36

 * The visibility of the Moon for Anno Hijra 1432, Dhu 'l-Hijja *
 * Lunation (Astronomical): 1099 Lunation (Islamic): 17184 *

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

Astronomical New Moon on: 26 October 2011 (Wednesday) at 22h 56.1m

Evening of 27 October 2011 (Thursday)

	Sunset	Moon best visible	Moonset
Time	17h 47.8m	17h 59.8m	18h 14.7m
Altitude Sun above horizon	-0.27	-3.55	-6.95
Altitude Moon above horizon	4.92	2.54	-0.28
Azimuth Sun	256.57	257.64	258.93
Azimuth Moon	247.19	248.29	249.60
Azimuth difference Sun-Moon	-9.38	-9.35	-9.33
Angular separation Sun-Moon	10.71	11.15	11.45
Inclination lunar crescent	28.73	32.87	35.25
Lunar age (hours)	18.86	19.06	19.31

Evening of 28 October 2011 (Friday)

	Sunset	Moon best visible	Moonset
Time	17h 47.2m	18h 24.7m	19h 11.5m
Altitude Sun above horizon	-0.27	-9.36	-20.14
Altitude Moon above horizon	15.98	8.72	-0.28
Azimuth Sun	256.21	259.47	263.31
Azimuth Moon	238.02	242.24	246.68
Azimuth difference Sun-Moon	-18.19	-17.23	-16.63
Angular separation Sun-Moon	24.21	24.91	25.68
Inclination lunar crescent	40.44	45.32	48.66
Lunar age (hours)	42.85	43.48	44.26

Evening of 29 October 2011 (Saturday)

	Sunset	Moon best visible	Moonset
Time	17h 46.6m	18h 51.0m	20h 11.4m
Altitude Sun above horizon	-0.27	-15.53	-34.16
Altitude Moon above horizon	26.55	15.05	-0.27
Azimuth Sun	255.85	261.32	267.89
Azimuth Moon	228.10	237.24	245.55
Azimuth difference Sun-Moon	-27.75	-24.09	-22.34
Angular separation Sun-Moon	37.86	38.57	39.83
Inclination lunar crescent	40.65	49.11	53.60
Lunar age (hours)	66.84	67.91	69.26