

# 2013

## JANUARY

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
☺	28	29	30	31		

## FEBRUARY

Su	Mo	Tu	We	Th	Fr	Sa
Feb. 10 – Lunar Year, Year of the Snake					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	☺	27	28		

## MARCH

Su	Mo	Tu	We	Th	Fr	Sa
Mar 20 @ 11:02 GMT Vernal Equinox					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 31	25	26	☺	28	29	30

## APRIL

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	☺	27
28	29	30				

## MAY

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	☺
26	27	28	29	30	31	

## JUNE

Su	Mo	Tu	We	Th	Fr	Sa
June 21 @ 05:04 GMT Summer Solstice						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
☺ 30	24	25	26	27	28	29

## JULY

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	☺	24	25	26	27
28	29	30	31			

## AUGUST

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	☺	22	23	24
25	26	27	28	29	30	31

## SEPTEMBER

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	☺	20	21
22	23	24	25	26	27	28
29	30	Sep 22 @ 20:44 GMT Autumnal Equinox				

## OCTOBER

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	☺
20	21	22	23	24	25	26
27	28	29	30	31		

## NOVEMBER

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	☺	19	20	21	22	23
24	25	26	27	28	29	30

## DECEMBER

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	☺	18	19	20	21
22	23	24	25	26	27	28
29	30	31	Dec 21 @ 17:11 GMT Winter Solstice			

Lunar New Year: Feb. 10, Year of the Snake

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## 2013 Phases of the Moon

Universal Time

	New Moon				First Quarter				Full Moon				Last Quarter		
	d	h	m		d	h	m		d	h	m		d	h	m
												JAN	05	03	58
JAN	11	19	44	JAN	18	23	45	JAN	27	04	38	FEB	03	13	56
FEB	10	07	20	FEB	17	20	31	FEB	25	20	26	MAR	04	21	53
MAR	11	19	51	MAR	19	17	27	MAR	27	09	27	APR	03	04	36
APR	10	09	35	APR	18	12	31	APR	25	19	57	MAY	02	11	14
MAY	10	00	28	MAY	18	04	34	MAY	25	04	25	MAY	31	18	58
JUN	08	15	56	JUN	16	17	24	JUN	23	11	32	JUN	30	04	53
JUL	08	07	14	JUL	16	03	18	JUL	22	18	15	JUL	29	17	43
AUG	06	21	51	AUG	14	10	56	AUG	21	01	45	AUG	28	09	35
SEP	05	11	36	SEP	12	17	08	SEP	19	11	13	SEP	27	03	55
OCT	05	00	34	OCT	11	23	02	OCT	18	23	38	OCT	26	23	40
NOV	03	12	50	NOV	10	05	57	NOV	17	15	16	NOV	25	19	28
DEC	03	00	22	DEC	09	15	12	DEC	17	09	28	DEC	25	13	48

## Earth's Seasons – 2013

Universal Time

		d	h			d	h	m		d	h	m
Perihelion	Jan	02	05	Equinoxes	Mar	20	11	02	Sept	22	20	44
Aphelion	July	05	15	Solstices	June	21	05	04	Dec	21	17	11