

# ALMANAC

All times U.T for B.S.T. Add one hour

Rise and set times are for Worthing

## January / February

### LUNAR

#### January

<i>Apogee</i>	15th	02.11	406,461 km
New Moon	17th	02.17	08.00 16.56
First quarter	24th	22.20	11.13 00.31
<i>Perigee</i>	30th	09.57	358,994 km
Full Moon	31st	13.27	17.13 07.24

#### February

Last quarter	7th	15.54	00.28 10.55
<i>Apogee</i>	11th	14.16	405,700 km
New Moon	15th	21.05	07.10 16.47

### EARTH

#### January

	Sunrise	Sunset
17th	07.55	16.28
24th	07.47	16.47
31st	07.38	16.49

#### February

7th	07.27	17.01
15th	07.13	17.16

### PLANETS

(As at January 18th)

	Rises	Sets	Mag
<b>Mercury</b>	06.54	14.46	-0.3
Morning object, visible in the south-east before dawn until late January			
<b>Venus</b>	08.07	16.28	-3.9
Now just into the evening sky, becoming visible in early February			
<b>Mars</b>	03.10	12.09	+1.3
Morning object in Libra and moving into Scorpius and then Ophiuchus			
<b>Jupiter</b>	02.40	11.58	-1.9
Easy morning object in Libra			
<b>Saturn</b>	06.21	14.26	+0.5
Now a morning object in Sagittarius and therefore low in the south-east			
<b>Uranus</b>	10.52	00.32	+5.8
Evening object in Pisces, visible until after midnight			
<b>Neptune</b>	09.40	20.29	+7.9
Difficult evening object in Aquarius, setting fairly early now			

### PHENOMENA

#### January

Day	Hour	
15th	02	Saturn 3° S of Moon
15th	07	Mercury 3° S of Moon
17th	08	Venus 2° S of Moon
20th	20	Neptune 1.6° N of Moon
31st	13	Ceres at opposition

#### February

7th	20	Jupiter 4° S of Moon
9th	05	Mars 4° S of Moon
11th	14	Saturn 2° S of Moon
15th	19	Mercury 1° S of Moon
16th	16	Venus 0.6° N of Moon
17th	03	Neptune 2° N of Moon
17th	12	Mercury at superior conjunction
20th	08	Uranus 5° N of Moon
21st	14	Neptune 0.6° N of Venus

### Minima of Algol

<b>January</b>	16th	00.12	18th	21.06	21st	17.54
	30th	08.24				
<b>February</b>	2nd	05.12	5th	02.00	7th	22.54
	10th	19.42	13th	16.30	22nd	07.00

### Lunar Occultations Times as at Greenwich U.T.

Date	Z.C. No	Mag	Phase	U.T.
<b>January</b>				
25th	444	5.9	Diss	17.36
25th	462	6.0	Diss	23.25
27th	741	5.5	Diss	18.24
29th	947	5.2	Diss	01.26
<b>February</b>				
8th	2223	3.9	Reapp	04.15
12th	2757	5.0	Reapp	05.42
21st	405	4.3	Diss	17.29

Richard Godley