

ALMANAC

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

Rise and set times are for Worthing

March / April

LUNAR

March	Date	Time	Rise	Set
<i>Perigee</i>	19th	19.19	359,777 km	
Full Moon	21st	01.44	19.04	06.40
Last quarter	28th	04.11	02.05	10.22

April

<i>Apogee</i>	1st	00.15	405,777 km	
New Moon	5th	08.52	06.02	18.31
First quarter	12th	19.07	10.09	01.19
<i>Perigee</i>	16th	22.06	364,205 km	
Full Moon	19th	11.13	19.14	05.32

EARTH

March	Sunrise	Sunset
21st	06.01	18.13
28th	05.46	18.25

April

5th	05.28	18.38
12th	05.13	18.49
19th	04.58	19.00

PLANETS

(As at March 21st)

	Rises	Sets	Mag
Mercury	05.28	17.13	+3.2
A morning object during this periods, getting brighter but difficult to find			
Venus	04.56	14.39	-4.0
Very bright morning object in the east-south-east			
Mars	07.41	23.13	+1.4
Bright evening object in Aries and soon in Taurus, visible until late evening			
Jupiter	01.37	09.40	-2.2
Very bright morning object in the south-east, currently in Ophiuchus			
Saturn	03.21	11.37	+0.6
Pre-dawn object in Sagittarius iduring this period			
Uranus	07.00	21.00	+5.9
Evening object in Aries, visible until mid evening			
Neptune	05.45	16.51	+8.0
Morning object in Aquarius, but not observable in this period			

PHENOMENA

March

Day	Hour	
20th	22	Vernal equinox
27th	02	Jupiter 2° S of Moon
29th	05	Saturn 0.1° N of Moon
31st	03	Mars 3° S of Pleiades

April

2nd	04	Venus 3° N of Moon
2nd	19	Neptune 0.38° S of Mercury
2nd	23	Mercury 4° N of Moon
9th	07	Mars 5° N of Moon
10th	04	Neptune 0.31° N of Venus
11th	19	Mercury at western elongation 28°
16th	20	Mercury 4° S of Venus

Minima of Algol

March	22nd	02.54	24th	23.42	27th	20.36
April	11th	04.42	14th	01.30	16th	22.18
	19th	19.06				

Lunar Occultations Times as at Greenwich U.T.

Date	Z.C. No	Mag	Phase	U.T.
March				
20th	1625	5.8	Diss	04.08
April				
9th	718	6.0	Diss	21.32
14th	1418	5.7	Diss	19.05
16th	1576	5.3	Diss	02.38

Richard Godley