

ALMANAC

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

Rise and set times are for Worthing

January / February

LUNAR

January	Date	Time	Rise	Set
<i>Perigee</i>	13th	20.21	365,958 km	
Last quarter	17th	12.58	23.59	11.37
New Moon	24th	21.42	07.49	15.59
<i>Apogee</i>	29th	21.27	405,392 km	

February	Date	Time	Rise	Set
First quarter	2nd	01.42	11.11	00.38
Full Moon	9th	07.33	17.35	07.49
<i>Perigee</i>	10th	20.28	360,461 km	
Last quarter	15th	22.17	00.21	10.26

EARTH

January	Sunrise	Sunset
17th	07.56	16.26
24th	07.48	16.36

February	Sunrise	Sunset
2nd	07.36	16.52
9th	07.25	17.04
15th	07.14	17.15

PLANETS

(As at January 16th)

	Rises	Sets	Mag
Mercury	08.22	16.27	-1.3
Evening object in the south-west after sunset from late January			
Venus	09.27	19.43	-4.0
Very bright evening object, setting more than 3 hours after the Sun			
Mars	04.38	12.56	+1.5
Morning object in Ophiuchus and easily observable			
Jupiter	07.05	15.03	-1.8
Morning object in Sagittarius, becoming increasingly visible			
Saturn	07.50	16.09	+0.5
At solar conjunction this month, and therefore not observable			
Uranus	11.18	01.28	+5.8
Difficult evening object in Aries, visible until after midnight			
Neptune	09.59	21.04	+7.9
Difficult evening object in Aquarius, observable until mid evening			

PHENOMENA

January

Day	Hour	Phenomenon
13th	14	Saturn at solar conjunction
18th	19	Mars < 0.5° S of Uranus
20th	19	Mars 2° S of Moon
23rd	03	Jupiter 0.4° N of Moon
28th	07	Venus 4° N of Moon
27th	18	Neptune < 0.2° NE of Venus

February

10th	14	Mercury at eastern elongation 18°
12th	06	Galilean moons all to west of Jupiter
18th	13	Mars 0.8° S of Moon
19th	20	Jupiter 0.9° N of Moon
20th	14	Saturn 2° N of Moon
21st	13	Ceres 3° S of Moon

Minima of Algol

January	14th	07.42	17th	04.30	20th	01.18
	22nd	22.12	25th	19.00	28th	15.48
February	6th	06.18	9th	03.06	11th	23.54
	14th	20.48	17th	17.36		

Lunar Occultations Times as at Greenwich U.T.

Date	Z.C. No	Mag	Phase	U.T.
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January

February

I don't currently have this information. Can anyone help? I think there are no stars above about 3rd magnitude occulted in January anyway.

Richard Godley