

ALMANAC

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

Rise and set times are for Worthing

September / October

LUNAR

September		Rise	Set
First quarter	16th 23.15	13.16	22.04
Apogee	20th 00.53	404,571 km	
Full Moon	25th 02.52	18.28	05.36

October

Last quarter	2nd 09.45	22.46	13.42
Perigee	5th 22.27	366,392 km	
New Moon	9th 03.47	06.22	17.59
First quarter	16th 18.02	13.43	22.13
Apogee	17th 19.16	404,227 km	

EARTH

September	Sunrise	Sunset
16th	05.36	18.14
25th	05.49	17.52

October	Sunrise	Sunset
2nd	06.00	17.36
9th	06.12	17.21
16th	06.23	17.06

PLANETS

(As at September 20th)

	Rises	Sets	Mag
Mercury	05.32	18.10	-1.8
An evening object, but setting too soon after the Sun to be seen			
Venus	09.47	18.36	-4.6
Evening object, but setting not long after sunset. Still findable though			
Mars	16.32	00.19	-1.6
Very bright evening object in Capricornus, visible until after midnight			
Jupiter	10.37	19.50	-1.9
Very bright evening object in Libra, but setting quite early now.			
Saturn	14.13	22.14	+0.5
Bright evening object in Sagittarius, visible until late evening			
Uranus	18.58	09.05	+5.7
Difficult morning object in Aries, visible from mid-evening			
Neptune	17.37	04.39	+7.8
Evening object in Aquarius, difficult, but above the horizon nearly all night			

PHENOMENA

September

Day	Hour	
17th	16	Saturn 2° S of Moon
20th	06	Mars 5° S of Moon
21st	02	Mercury at superior conjunction
23rd	01	Autumnal equinox
23rd	16	Neptune 2° N of Moon
27th	03	Vesta 3° S of Saturn
27th	07	Uranus 5° N of Moon

October

5th	18	Spica 2° S of Mercury
10th	01	Mercury 6° S of Moon
11th	21	Jupiter 4° S of Moon
15th	03	Saturn 2° S of Moon
16th	03	Mercury 6° N of Venus
18th	13	Mars 2° S of Moon
20th	22	Neptune 3° N of Moon

Minima of Algol

September	16th 17.42	28th 04.54		
October	1st 01.48	3rd 22.36	6th 19.24	18th 06.36

Lunar Occultations Times as at Greenwich U.T.

Date	Z.C. No	Mag	Phase	U.T.
September				
21st	3171	3.7	Diss	20.27
23rd	3419	4.2	Diss	21.07
23rd	3425	4.4	Diss	21.41
27th	364	4.3	Reapp	21.18
30th	650	5.6	Reapp	02.13
October				
1st	940	5.8	Reapp	22.30
3rd	1113	5.1	Reapp	02.35
3rd	1127	5.9	Reapp	05.13

Richard Godley