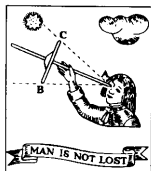


ASTRONOMICAL INFORMATION SHEET No. 88



Prepared by

HM Nautical Almanac Office

THE UNITED KINGDOM HYDROGRAPHIC OFFICE

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ASTRONOMICAL AND CALENDARIAL DATA SHEET FOR 2007

PHASES OF THE MOON

New Moon			First Quarter			Full Moon			Last Quarter		
	d	h m		d	h m		d	h m		d	h m
Jan.	19	04 01	Jan.	25	23 01	Jan.	3	13 57	Jan.	11	12 45
Feb.	17	16 14	Feb.	24	07 56	Feb.	2	05 45	Feb.	10	09 51
Mar.	19	02 43	Mar.	25	18 16	Mar.	3	23 17	Mar.	12	03 54
Apr.	17	11 36	Apr.	24	06 36	Apr.	2	17 15	Apr.	10	18 04
May	16	19 27	May	23	21 03	May	2	10 09	May	10	04 27
June	15	03 13	June	22	13 15	June	1	01 04	June	8	11 43
July	14	12 04	July	22	06 29	July	30	13 49	July	7	16 54
Aug.	12	23 03	Aug.	20	23 54	Aug.	28	10 35	Aug.	5	21 20
Sept.	11	12 44	Sept.	19	16 48	Sept.	26	19 45	Sept.	4	02 32
Oct.	11	05 01	Oct.	19	08 33	Oct.	26	04 52	Oct.	3	10 06
Nov.	9	23 03	Nov.	17	22 33	Nov.	24	14 30	Nov.	1	21 18
Dec.	9	17 40	Dec.	17	10 18	Dec.	24	01 16	Dec.	1	12 44
									Dec.	31	07 51

SEASONS

			d	h	m
Vernal Equinox	—	Spring begins	Mar.	21	00 07
Summer Solstice	—	Summer begins	June	21	18 06
Autumnal Equinox	—	Autumn begins	Sept.	23	09 51
Winter Solstice	—	Winter begins	Dec.	22	06 08

SUMMER TIME*

In the United Kingdom BST, one hour in advance of GMT, will be kept from March 25^d 01^h to October 28^d 01^h GMT.

ECLIPSES

1. A total eclipse of the Moon on March 3-4 is visible from the Arctic, Asia except the eastern part, Europe including the British Isles, Africa, South America and the eastern parts of central and North America. The umbral eclipse begins on March 3 at 21^h 30^m and ends on March 4 at 01^h 12^m. Totality on March 3 lasts from 22^h 44^m to 23^h 58^m.
2. A partial eclipse of the Sun on March 19 is visible from most of Alaska, eastern and central Asia except the central parts of Japan and the western part of Russia. The eclipse begins at 00^h 38^m and ends at 04^h 25^m. The time of greatest eclipse is 02^h 32^m, when 0.88 of the Sun's diameter is obscured.
3. A total eclipse of the Moon on August 28 is visible from the Americas except the eastern part of South America and the north-eastern parts of North America, the Pacific Ocean, eastern parts of Asia, Australasia and Antarctica. The umbral eclipse begins at 08^h 51^m and ends at 12^h 24^m. Totality lasts from 09^h 52^m to 11^h 23^m.
4. A partial eclipse of the Sun on September 11 is visible from parts of Antarctica, South America except the northern part and the south-western Atlantic Ocean. The eclipse begins at 10^h 26^m and ends at 14^h 37^m. The time of greatest eclipse is 12^h 31^m, when 0.75 of the Sun's diameter is obscured.

All times are in GMT (UT)

* www.dti.gov.uk/employment/bank-public-holidays/bst/page12528.html

CYH/SAB

2003 October
Updated 2006 November

