

Ὀλύμπια Δώματα.

O R, A N
ALMANACK

For the YEAR of
Our LORD GOD, 1766.

Being the Second after **BISSEXTILE**, or
LEAP-YEAR,

And from the World's Creation, 5770.

Wherein is contained the Lunations, Con-
junctions, Aspects, and Effects of the Planets;
the Increase, Decrease, and Length of the Days
and Nights; with the Rising, Southing, and
Setting of the Planets and fixed Stars throughout
the Year; whereby may be known the exact
Hour of the Night at all Times, when either
the Moon or Stars are seen.

Calculated according to Art, and referred to the
Horizon of the ancient and renowned Borough-
Town of *Stamford* (formerly a famous Univer-
sity) whose Latitude is 52 D. g. 40 Min. siting
all the middle Counties of **ENGLAND**, and
without sensible Error the whole Kingdom.

*Heaven's Volumes are epitomized here,
To show th' exact Description of the Year.*

By **TYCHO WING**, *Philomath.*

LONDON:

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COMMON NOTES for the YEAR 1766.

The Golden Number	19
Epact	18
Cycle of the Sun	11
Dominical Letter	E
Roman Indiction	14
Number of Direction	9

A TABLE of TERMS and their RETURNS.

Hilary Term begins *Jan. 23*, ends *Feb. 12*.

Returns or Effoign-days.	Exc.	Ret	Ap	W. D.	
In eight Days of <i>St. Hilary</i> ,	<i>Jan. 20</i>	21	22	23	Thurs.
In Fifteen Days of <i>St. Hilary</i> ,	27	28	29	30	Thurs.
On the Morrow of the Purif. Blessed <i>Mary</i> ,	<i>Feb. 3</i>	4	5	6	Thurs.
In eight Days of the Purif. of Blessed <i>Mary</i> ,	9	10	11	12	Wedn.

Easter Term begins *April 16*, ends *May 12*.

From the Day of Easter in 15 Days,	<i>April 13</i>	14	15	16	Wedn.
From the Day of Easter in 3 Weeks,	20	21	22	23	Wedn.
From the Day of Easter in 1 Month,	27	28	29	30	Wedn.
From the Day of Easter in 5 Weeks,	<i>May 4</i>	5	6	7	Wedn.
On the Morrow of the Ascension,	9	10	11	12	Mond.

Trinity Term begins *May 30*, ends *June 18*.

On the Morrow of the Holy Trinity,	<i>May 26</i>	27	28	30	Friday
In eight Days of the Holy Trinity,	<i>June 1</i>	2	3	4	Wedn.
From the Day of the H. Trin. in 15 Days,	8	9	10	11	Wedn.
From the Day of the H. Trinity in 3 Weeks,	15	16	17	18	Wedn.

Michaelmas Term begins *Nov. 6*, ends *Nov. 28*.

On the Morrow of All Souls,	<i>Nov. 3</i>	4	5	6	Thurs.
On the Morrow of St. Martin,	12	13	14	15	Saturd.
In eight Days of St. Martin,	18	19	20	21	Friday.
In 15 Days of St. Martin,	25	26	27	28	Friday

N. B. No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, and the 2d of *February*.

The *Exchequer* opens eight Days before any Term begins, except Trinity, before which it opens but four Days.

Note. The first and last Days of every Term, are the first and last Days of Appearance.

W I N G 1766.

The REGAL Table.

The Year, Month, and Day, when each King and Queen began to Reign, accounting the Year to begin Jan. 1. Length of each Reign, accountin.^g D. a Month. Number of Years expired since they began to Reign.

Kings Names	began to reign	Y.	M.	D.	Beq	Kings Names.		
William I.	1066 Oct. 14	20	11	22	700	William	1	
William II.	1087 Sept. 9	12	11	18	679	William	2	
Henry I.	1100 Aug. 1	35	4	12	666	Henry	1	
Stephen	1135 Dec. 2	18	11	19	631	Stephen		
Henry II.	1154 Oct. 25	34	9	2	612	Henry	2	
Richard I.	1189 July 6	9	9	22	577	Richard	1	
John	1199 April 6	17	7	1	567	John		
Henry III.	1216 Oct. 19	56	1	1	550	Henry	3	
Edward I.	1272 Nov. 16	34	8	9	494	Edward	1	
Edward II.	1307 July 7	19	7	6	459	Edward	2	
Edward III.	1327 Jan. 25	50	5	7	439	Edward	3	
Richard II.	1377 June 21	22	3	16	389	Richard	2	
Henry IV.	1399 Sept. 29	13	6	4	367	Henry	4	
Henry V.	1413 Mar. 20	9	5	24	353	Henry	5	
Henry VI.	1422 Aug. 31	38	6	17	344	Henry	6	
Edward IV.	1461 Mar. 4	22	1	8	305	Edward	4	
Edward V.	1483 April 9	0	2	18	283	Edward	5	
Richard III.	1483 June 22	2	2	5	283	Richard	3	
Henry VII.	1485 Aug. 22	23	8	19	281	Henry	7	
Henry VIII.	1509 Apr. 23	37	10	1	257	Henry	8	
Edward VI.	1547 Jan. 28	6	5	19	219	Edward	6	
Q. Mary I.	1553 July 6	5	4	22	213	Q. Mary	1	
Q. Elizabeth	1558 Nov. 17	44	4	15	208	Q. Elizabeth		
James I.	1603 Mar. 24	22	0	3	163	James	1	
Charles I.	1625 Mar. 27	23	11	1	141	Charles	1	
Charles II.	1649 Jan. 30	36	0	7	117	Charles	2	
James II.	1685 Feb. 6	4	0	17	81	James	2	
Will. 3. & M	1689 Feb. 13	13	0	14	77	William	3	
Q. Anne	1702 Mar. 8	12	5	6	64	Q. Anne		
George I.	1714 Aug. 1	12	11	6	52	K. George	1	
George II.	1727 June 11	33	4	13	39	K. George	2	
George III.	1760 Oct. 25	Whom God grant long to Reign.						

A TABLE of the Moon's Southing, of excellent Use to find the Time of High-Water, and Hour of the Night, for the first six Months of this present Year 1766.

Days	Jan.		Feb.		March		April		May		June	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	3	M 37	4	M 12	3	M 0	4	M 46	5	M 50	7	M 6
2	4	16	5	0	3	49	5	49	6	44	7	51
3	4	57	5	54	4	44	6	50	7	36	8	38
4	5	41	6	49	5	43	7	48	8	21	9	22
5	6	26	7	51	6	44	8	42	9	8	10	12
6	7	15	8	55	7	47	9	33	9	55	11	5
7	8	12	9	58	8	49	10	20	10	40	11	56
8	9	12	11	2	9	48	11	7	11	29	0	A. 51
9	10	13	0	A. 1	10	42	11	55	0	A. 21	1	41
10	11	16	0	55	11	32	0	A. 45	1	15	2	30
11	0	A. 25	1	44	0	A. 23	1	35	2	7	3	16
12	1	28	2	31	1	11	2	26	2	59	4	0
13	2	24	3	17	1	59	3	21	3	51	4	40
14	3	11	4	5	2	49	4	13	4	38	5	21
15	4	0	4	52	3	37	5	4	5	24	6	3
16	4	44	5	42	4	30	5	55	6	7	6	43
17	5	29	6	32	5	19	6	42	6	49	7	27
18	6	15	7	25	6	14	7	27	7	30	8	16
19	7	1	8	15	7	6	8	11	8	12	9	10
20	7	50	9	6	7	54	8	52	8	57	10	8
21	8	42	9	54	8	40	9	33	9	43	11	12
22	9	31	10	40	9	25	10	18	10	34	Morn.	
23	10	21	11	23	10	9	11	4	11	31	0	18
24	11	11	Morn.		10	50	11	52	Morn.		1	22
25	11	57	0	5	11	33	Morn.		0	32	2	24
26	Morn.		0	48	Morn.		0	46	1	36	3	19
27	0	43	1	29	0	17	1	44	2	40	4	10
28	1	25	2	13	1	4	2	46	3	43	4	59
29	2	6			1	54	3	48	4	40	5	43
30	2	48			2	48	4	50	5	32	6	30
31	3	29			3	46			6	20		

Note. The Moon, or any Star, is said to be South, when they appear in that Quarter of the Firmament in which the Sun is at Noon Day, which for the Moon this Table will direct you;

A Table of the Moon's Southing, of excellent Use to find the Time of *High-Water*, and Hour of the Night, for the last six Months of the present Year 1766.

Days	July		August		Sept.		Oct.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
1	7	M 17	8	M 34	9	M 52	10	M 6	10	M 55	11	M 13
2	8	4	9	25	10	36	10	47	11	42	0	A 14
3	8	54	10	15	11	18	11	29	0	A 36	1	17
4	9	46	11	5	0	A 0	0	A 12	1	35	2	18
5	10	39	11	48	0	41	0	58	2	34	3	17
6	11	33	0	A 33	1	24	1	48	3	35	4	13
7	0	A 20	1	14	2	6	2	42	4	35	5	4
8	1	8	1	55	2	51	3	38	5	32	5	53
9	1	52	2	35	3	40	4	37	6	25	6	41
10	2	35	3	16	4	34	5	38	7	15	7	26
11	3	15	4	1	5	32	6	37	8	4	8	14
12	3	54	4	47	6	35	7	33	8	52	9	3
13	4	34	5	38	7	37	8	27	9	38	9	50
14	5	18	6	35	8	37	9	19	10	28	10	48
15	6	2	7	35	9	35	10	8	11	20	11	42
16	6	51	8	38	10	29	10	57	Morn:	Morn:		
17	7	46	9	42	11	22	11	47	0	13	0	36
18	8	47	10	43	Morn.	Morn.	Morn.	Morn.	1	7	1	28
19	9	51	11	42	0	11	0	39	2	5	2	15
20	10	57	Morn.	Morn.	1	3	1	32	2	57	3	1
21	Morn.	Morn.	0	35	1	53	2	26	3	47	3	43
22	0	0	1	26	2	44	3	22	4	35	4	21
23	1	0	2	16	3	39	4	16	5	19	5	3
24	1	55	3	6	4	34	5	8	5	59	5	43
25	2	48	3	55	5	28	5	59	6	40	6	24
26	3	36	4	46	6	20	6	44	7	19	7	5
27	4	23	5	39	7	11	7	26	8	1	7	53
28	5	11	6	33	8	0	8	8	8	44	8	45
29	6	1	7	24	8	42	8	50	9	28	9	42
30	6	50	8	17	9	25	9	29	10	19	10	40
31	7	41	9	6			10	10			11	43

you; and for the Planets and most remarkable fix'd Stars their Southings are noted in every Month in the Year, by which the Hour of the Night may be readily discover'd.

W I N G 1766.

The Use of the preceding TABLE of the Moon's Southing, to find the Time of High-Water, and Hour of the Night.

I. To find the Time of High-Water in most Parts of ENGLAND.

Take the Time of the Moon's Southing for the Day proposed, and to that add the Hours and Minutes which stand against the Place required in the following Table of Sea-Coasts, and the Sum will be the Time of High-Water at the Place required on that Day.

A TABLE of the Sea-Coasts.	H. M.
<i>Portsmouth, Queenborough, Southampton,</i>	0 00
<i>Rochester, Winchelsea, Flushing,</i>	0 45
<i>Downs, Gravesend, Ramkinz, Guernsey,</i>	1 30
<i>Denbigh, Bell-Isle, Holy-Isle, Downs-Road,</i>	2 15
<i>London, Tinnmouth, Whitby, Hartlepool,</i>	3 00
<i>Scarborough, Berwick, Flushing, Staples,</i>	3 45
<i>Flamborough, Humber, Bridlington-Bay,</i>	4 30
<i>Plymouth, Ramsay, Newcastle, Severn,</i>	5 15
<i>Lynn, Fosdyke, Hull, Weymouth, Dartmouth, Cross-keys,</i>	6 00
<i>Boston, Start-Point, Foulness, Bristol-Key,</i>	6 45
<i>Bridgewater, Milford-Haven, Lizard, Wintertown,</i>	7 30
<i>Yarmouth, Isle of White, the Needles,</i>	8 15
<i>Isle of Man, Orkney, Pool, South-Fereland,</i>	9 10
<i>Dover, Harwich, Orfordness, Bullain,</i>	10 10
<i>Rye, Solebay, Margate-Road,</i>	11 15

II. To find the Hour of the Night by the Shadow of the Moon on a Sun-Dial.

1. When the Shadow falls precisely on the Hour 12, then the Time of the Moon's Southing, found in the preceding Table, is the exact Time of Night. But in other Cases,
2. If the Shadow wants of 12, see how much it wants of it; which Time, subtracted from that of the Moon's Southing, leaves the Time of Night. *Note,* You must add 12 Hours to the Moon's Southing, if need be.
3. If the Shadow has past 12, add the Time that it has past it to the Time of the Moon's Southing; the Sum will be the Time of Night required; abating 12 Hours from that Sum, if need be.

The KALENDAR Explain'd.

The LEFT-HAND Pages contain at Top,

The New and Full Moons with their Quarters; also the Rising and Setting of *Jupiter* and *Venus* to every sixth Day.

Below which are Seven Columns.

The first is the Days of the Month. The second the Days of the Week, *Sundays* being marked with the Dominical Letter for the Year.

The third Column contains the Fasts and Festivals of the *Church of England*, and other remarkable Days, as also the Hour and Minute of the Sun's Rising and Setting on certain Days, with other useful Particulars.

The fourth is the Nightly Rising and Setting of the Moon.

The fifth contains the Moon's true Place in Longitude, exactly Calculated from New and Correct Tables.

The sixth contains the Moon's true Declination for every Day at Noon in the Meridian of *London*.

The seventh contains the Planets Mutual Aspects and Variation of the Air.

On the Tops of the RIGHT-HAND Pages,

Are nine Columns, containing the true Longitude and Declination of *Saturn*, *Jupiter*, *Mars*, and *Venus*, to every 6th Day of the Month.

Below which

Are four other Columns. The first is the Days of the Month.

The second Column contains the Sun's true Place.

The third is the Sun's Declination.

The fourth Column, under Observations, you have the Rising, Southing, and Setting of *Saturn*, *Mars*, and *Mercury* to certain Days; also the Moon's Appulse to some noted fixed Stars, and Planets, with many other useful Remarks.

Note. You have the Longitude and Declination of *Mercury*, in the Page after *December*.

January 1766.

Lait Quarter the 4th Day, at 8 in the Morn.	1	7 ^h 21	8 A 1
New Moon the 11th Day, at 1 in the Morn.	7	6 52	8 29
First Quarter the 17th Day, at 10 at Night.	13	6 22	8 32
Full Moon the 26th Day, at 1 in the Morn.	19	5 52	8 41
	25	5 23	8 51

Jupiter rises. Venus sets.

M	W	Holy. Days	Moon	Moon's	M on's	Aspects and
D.	D.	Rises and sets:	rises.	Place.	Declin	Weather.
1	W	Circumcision	9 A 41	8 ^h 1	7 N 41	△ h ♀ Cold,
2	T	Sun rises 8 9	10 54	20 38	1 59	☐ h ♀ wet and
3	F	Sun sets 3 52	Mon.	3 11	3 S 55	windy Weath.
4	S		0 8	15 5	9 47	
5	E	2 S. aft. Christ.	1 28	29 24	15 28	Old Christ. Day
6	M	Epiphany.	2 51	13 M 10	20 31	
7	T	Day br. 5 56	4 17	27 25	24 37	☐ 4 ♂
8	W	Lucian	5 45	12 ♀ 7	27 15	
9	T	Twilight 2 8	7 2	27 11	28 0	
10	F		8 0	12 28	26 37	
11	S	Clock fast 9 m.	9 sets.	27 45	23 16	♂ ☉ ♀ 12 day.
12	E	1 S. aft. Epiph.	6 A 5	12 54	18 19	Old N. Year. da.
13	M	Camb. T. beg.	7 36	27 44	12 22	Plow Monday.
14	T	Oxf. T. beg.	9 3	12 9	5 54	
15	W	Sun rises 7 56	10 24	26 7	0 N 39	Fair and frosty
16	T		11 4	9 36	6 56	Weather about
17	F	O. Twelfth da.	Morn.	22 41	12 45	this time.
18	S	Q Ch. b. d. kt.	1 3	5 8 23	17 52	△ ☉ h * ♀ ♀
19	E	2 S. aft. Epiph.	2 19	17 48	22 5	♂ h ♂
20	M	Fabian	3 33	0 II 0	25 17	
21	T	Agnes	4 44	12 1	27 18	
22	W	Vincent	5 46	23 56	28 4	
23	T	Term begins	6 35	5 47	27 30	Wind, cold rain
24	F		7 11	17 36	25 42	flow or flee.
25	S	Con. S. Paul	7 39	29 26	22 46	
26	E	Septuag. Sun.	rises.	11 19	18 53	
27	M	Sun rises 7 39	6 A 9	23 18	14 12	
28	T	Sun sets 4 23	7 22	5 22	8 58	More mild at
29	W	Day br. 5 34	8 35	17 38	3 18	the end.
30	T	K. Ch. I. Mart.	9 49	0 5	2 S 35	
31	F		11 4	12 46	8 27	

M. M. wing

to west

Wed: Sept

to west

to west

Wing.	Days	Saturn.			Jupiter.			Mars.			Venus.		
		R	Declin.	Ω	R	Declin.	♄	Declin.	♁	Declin.			
Jan. 1766.	1	29	12 18 N	3 21	32 15 N	6 5	16 S	10 27	54 13 S	27			
	7	28	57 18	1 21	2 15 24	20 4	17 1	4 9	10 45				
	13	28	43 18	0 20	20 15 37	4 30	8 16	10 3	7 55				
	19	28	34 18	0 19	46 5 51	18 19	19 13	16 29	5 4				
	25	28	30 18	0 19	2 16 6	2 7	8 20	5 22	7 2 12				

M	Sun's Place.	Sun's Declin.	Observations.
1	11 12	23 S	Saturn sets 45 min. after 4 in the Morn.
2	12 13	22 55	Seven Stars south 40 m. past 8 at Night.
3	13 14	22 49	Mars rises 29 m. after 3 in the Morning.
4	14 15	22 42	
E	15 17	22 36	Day increased 14 Minutes.
6	16 18	22 29	Day 7 Hours 50 Minutes long.
7	17 19	22 21	Mercury sets 8 min. past 5 in the After.
8	18 20	22 13	
9	19 21	22 4	Aldebaran South 56 m. past 8 at Night.
10	20 22	21 55	☽ in Perigeo, nearest to the Earth.
11	21 24	21 46	Saturn sets 59 m. past 3 in the Morn.
E	22 25	21 36	Venus's greatest Vespertine Elong. from the Sun 47° 6' sets 4h. 24m. after him.
13	23 26	21 27	
14	24 27	21 16	
15	25 28	21 6	Seven Stars south 43 m. past 7 at Night.
16	26 29	20 5	Mars rises 19 min. after 3 in the Morn.
17	27 30	20 4	Day increased 38 Minutes.
18	28 31	20 29	Day 8 Hours 16 Minutes long.
E	29 32	20 16	☽ ent ☽ 44 m. aft. 10 at Nig. app. time.
20	☽ 33	20 4	
21	1 34	19 50	Saturn sets 15 min. past 3 in the Morn.
22	2 35	19 36	Mercury rises 27 Min. aft. 6 in the Morn.
23	3 36	19 21	
24	4 37	19 8	
25	5 38	18 53	This Month the Lawyers Christmas cometh in, Take Heed, poor Countryman! lest thou begin A Suit for Trifles, Westminster in ced,
E	6 39	18 38	May please thy Humour; but thy Furle must bleed.
17	7 40	18 23	
28	8 41	18 7	
29	9 42	17 51	Mars rises 12 min. past 3 in the Morn.
30	10 43	17 34	Day increased 1 Hour 18 Minutes.
31	11 44	17 17	Day 8 Hours 56 min. long.

the King

William King
 of the
 King's
 Arms
 at
 the
 King's
 Arms
 the 7th

May

the
King

William Hooper Esq^r at Sumner Wells the 7th of
May 1766

Wing.	Days	Saturn.		Jupiter.			Mars.			Venus.											
		♄	Declin.	♃	♃	Declin.	♂	Declin.	♀	Declin.											
	1	28	30	18	N	1	18	7	16	N	23	6	35	20	S	59	28	12	I	N	4
	7	28	34	18		4	17	19	16	38	10	23	21	38	2	V	52	3	44		
	13	28	42	18		7	16	32	16	54	14	19	22	13	6	54	6	13			
	19	28	55	18		11	15	46	17	7	17	56	22	41	10	7	8	24			
	25	29	12	18		17	15	3	17	20	21	42	23	4	12	20	10	14			

M	Sun's Place.	Sun's Declin.	Observations.
1	12	45	17 S 0 Mercury rises 5 m. after 6 in the Morn.
E	13	45	16 43 Saturn sets 25 min. past 2 in the Morn.
3	14	46	16 25 Mars rises 8. min. after 3 in the Morn.
4	15	47	16 8
5	16	48	15 40 Mercury's greatest Matutine Elong: from the Sun 25° 49'; rises 1 h. 12m. bef. him.
6	17	49	15 31 ☾ in Perigeo, nearest to the Earth.
7	18	49	15 12 Rigel South 33 min. after 7 at Night.
8	19	50	14 53
E	20	51	14 34
10	21	51	14 14 Day increased 1 Hour 58 Minutes.
11	22	52	13 55 Day 9 Hours 36 Minutes long.
12	23	53	13 35
13	24	53	13 15 Mercury rises 11 min. past 6 in the morn.
14	25	54	12 54 Saturn sets 39 m after 1 in the morn.
15	26	54	12 34 Mars rises 41 m. past 2 in the morn.
E	27	55	12 14
17	28	55	11 52 Sirius South 39 m. after 8 at Night
18	29	56	11 31 Sun enters ♋ 32 m. past 1 in the aftern.
19	♋	56	11 9 Day increased 2 Hours 32 Minutes.
20	1	56	10 48
21	2	57	10 26 ☾ in Apogeo, furthest from the Earth.
22	3	57	10 4 Procyon South 2 m. after 9 at Night.
E	4	57	9 42 Day 10 Hours 20 Minutes long.
24	5	58	9 20
25	6	58	8 58 Sirius South 59 min. past 7 at Night.
26	7	58	8 36 Mars rises 54 min. after 2 in the Morn.
27	8	58	8 13 Procyon South 44 min. after 8 at N ght.
28	9	58	7 50

May

March 1766.

Last Quarter the 4th Day, at 6 in the Morn.
New Moon the 10th Day, at 11 at Night.
 First Quarter the 18th Day, at 10 in the Morn.
Full Moon the 26th Day, at Noon.

Days	Jupiter sets.	Venus rises.
1	5M 59	8A 49
7	5 31	8 30
13	5 12	8 2
19	4 42	7 23
25	4 27	6 41

M	W	Holy Days	Moon	Moon's	Moon's	Aspects and
D	D	Orises and sets.	rises.	Place.	Declin.	Weather.
1	S	David	11 A 36	5 M 54	18 S 7	
2		3 Sun. in Lent	Morn	19 20 22	35	Chad.
3	M	Twilight 1 55	0 59	3 ♀ 1 35	57	Brisk Winds, but
4	T		2 22	10 56	27 48	Δ ♃ ♀ teré
5	W	Frs. Hesse bo.	3 32	1 W 5 27	54	molty fair.
6	T	Day break 4 32	4 24	15 26	26 8	
7	F	Perpetua	5 0	29 57	22 38	
8	S		5 26	14 33	17 40	
9	S	E Midlent Sund.	5 44	29 10	11 41	High Winds,
10	M	Sun rises 6 20	sets. 13 34	41 5	9	and frequent
11	T	Sun sets 5 42	6 A 49	23 0	1 M 36	Showers.
12	W	Gregory	8 13	12 V 1 8	7	
13	T		9 37	25 41	14 5	
14	F	Twilight 1 57	10 56	8 58	19 12	
15	S	Clock fast 9 m.	Morn.	21 51	23 16	
16		5 Sun. in Lent	0 14	4 II 24	26 9	More mild and
17	M	St. Patrick	1 26	16 40	27 44	temperate for
18	T	Ed. K. W. Sax.	2 26	28 41	27 58	some time.
19	W	Frs. Louisa b.	3 14	10 35	26 53	
20	T		3 48	22 24	24 36	
21	F	Camb. T. ends	4 13	4 Ω 15	21 16	
22	S	Oxf. T. ends	4 32	16 11	17 0	☐ ♂ ♀ ♂ ☉ ♀
23	F	Palm Sunday	4 47	28 16	12 5	
24	M		4 59	10 35	6 33	♂ ♀ ♀
25	T	Lady-Day.	5 10	23 9	0 40	D. York berh.
26	W	Sun rises 5 48	rises. 5 57	5 S 19	♂ ☉ ♀ 25 Day	
27	T	Maund. Thurs.	8 A 6	19 6	11 15	☐ ♂ ♀ Δ ♃ ♀
28	F	Good Friday	9 30	2 M 29	16 45	Wet and windy
29	S	Sun sets 6 18	10 55	16 5	21 30	* ♃ ♀ at the
30		Easter-Day	Morn.	29 52	25 12	End.
31	M	Monday	0 17	3 ♀ 49	27 24	

M. 1.
to do M.ing
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Black Finch Bull. at Bowleys v. 9th

the King
 William the first
 at Summer Castle the 11th
 of May 1666
 at Pouches House the 7th

Wing.	SAR	Saturn.		Jupiter.		Mars.		Venus.										
		♄	Declin.	♃	R Declin.	♂	Declin.	♀	Declin.									
	1	29	24	18	N 21	14	36	17	N 28	24	11	23	S 16	13	8	11	N 10	
	7	29	46	1	27	14	0	17	38	27	55	23	30	13	R 10	12	0	
Mar.	13	0	Π	11	18	34	13	29	17	47	17	37	23	36	11	43	12	4
1766.	19	0	39	18	41	13	4	17	53	5	18	23	39	8	55	11	14	
	25	1	11	18	49	12	45	17	59	8	57	23	35	5	18	9	39	

M D	Sun's Place.	Sun's Declina.	Observations.
1	10	♄ 58	7 S. 28 Mercury rises 14 m. after 6 in the Morn.
E	11	59	7 5 Day increased 3 Hours 14 Minutes.
3	12	59	6 42 Pollox South 33 m. past 8 at Night.
4	13	59	6 19 Day 10 Hours 56 Minutes long.
5	14	59	5 56 Saturn sets 26 min. after Midnight.
6	15	59	5 32 ♃ in Perigeo, nearest to the Earth.
7	16	59	5 9 Mars rises 47 min. past 2 in the Morn.
E	18	58	4 22 Hydra's Heart South 52 m. aft. 9 at Nig
10	19	58	3 59 Day increased 3 Hours 50 Minutes.
11	20	58	3 35 Day 11 Hours 28 Minutes.
12	21	58	3 12 Regulus South 17 m. past 10 at Night.
13	22	57	2 48 Saturn sets 55 min. past 11 at Night.
14	23	57	2 24 Mars rises 40 m. after in the Morn.
15	24	57	2 1 Day increased 4 Hours 18 Minutes.
E	25	56	1 37 Hydra's Heart South 19 m. after 9 Night.
17	26	56	1 13 Sun enters ♃ 4 min. past 2 in the After.
18	27	56	0 50 ♃ in Apogeo, farthest from the Earth.
19	28	55	0 26 Saturn sets 31 min. after 11 at Night.
20	29	55	0 2 Mars rises 32 min. past 2 in the Morn.
21	♃	54	0 N 21 Regulus South 33 m. past 9 at Night.
22	1	53	0 45 Day increased 4 Hours 54 Minutes.
E	2	53	1 9 Day 12 hours 32 Minutes long.
24	3	52	1 32 Saturn sets 9 min. past 11 at Night.
25	4	51	1 56 Mars rises 24 min. after 2 in the Morn.
26	5	51	2 19
27	6	50	2 43
28	7	49	3 6
29	8	48	3 30
E	9	48	3 53
31	10	47	4 16

Mar. 4. 3. Sold to Mr. P. Somers
 100 L half weight of 5 pound
 of Cheese for 28: of 29: p. Hund.

May

April 1766.

Last Quarter the 2d Day, at 1 in Aftern.
New Moon the 9th Day, at 11 in the Morn.
 First Quarter the 17th Day, at 6 in the Morn.
Full Moon the 24th Day, at Midnight.

Days	Jupiter sets.	Venus rises.
1	4M 3	4M 32
2	3 39	4 11
13	3 17	3 54
19	2 55	3 41
25	2 34	3 29

M	W	Holy-Days	Moon	Moon's	Moon's	Aspects and
D	D	Rises and sets.	rises.	Place.	Declin.	Weather.
1	T	Easter Tuesday	1M 32	27 7 50	27S 54	△ ☉ ♃ Fair
2	W	Day br. 3 31	2 29	11 7 56	26 35	and pleasant
3	T	Richard	3 9	26 5	23 34	□ ☉ ♂ Weath.
4	F	St. Ambrose	3 37	10 16	19 7	
5	S	Old Lady Day	3 58	24 27	13 37	
6	E	Low Sunday	4 14	8 36	7 24	
7	M	Cl. fast 2 min.	4 28	22 40	0 53	
8	T	Oxf. and Cam	4 41	6 35	5 N 37	Some fruitful
9	W	Ter. begins	☾ sets.	20 18	11 45	Showers about
10	T	Sun rises 5 19	8 A 39	3 8 45	17 11	this time.
11	F	Sun sets 6 43	10 0	16 54	21 43	
12	S		11 16	29 44	25 5	□ ♃ ♀
13	E	2 Su. aft. Easter	Morn.	12 II 15	27 8	
14	M	Twilight 2 12	0 22	24 31	27 51	
15	T	Day br. 2 57	1 15	6 33	27 11	
16	W	Term begins	1 55	18 26	25 18	
17	T		2 23	0 Ω 16	22 18	
18	F	Clock flow 1 m.	2 43	12 7	18 22	Brisk Winds,
19	S	Alphege	2 59	24 4	13 40	but mostly fair.
20	E	3 Su. aft. Easter	3 13	6 13	8 25	
21	M	Sun rises 4 58	3 26	18 38	2 43	
22	T	Sun sets 7 4	3 37	1 23	3 S 14	
23	W	St. George	3 48	14 29	9 13	
24	T		☽ rises.	27 56	14 54	Pleas. Weather,
25	F	St. Mark	8 A 42	11 M 43	20 1	and some
26	S	D. Cumb. bor.	10 8	25 47	24 6	Showers.
27	E	4 Su. aft. Easter	11 26	10 1	26 47	
28	M		Morn.	24 21	27 45	
29	T	Twilight 2 32	0 30	8 41	26 50	
30	W	Day br. 2 9	1 17	22 57	24 9	

Enter in a boiling
 the 14th.

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The Ring

Wing.	Day.	Saturn.		Jupiter.		Mars.		Venus.									
		II	Declin.	ℓ	R	Declin.	ℓ	R	Declin.								
	1	1	51	18N	57	12	30	18N	3	13	9	23	23	1	6	7N	3
April 1766.	7	2	28	19	6	12	27	18	3	16	4	23	8	28	27	4	55
	13	3	7	19	14	12D	30	18	2	20	13	22	50	27	9	3	9
	19	3	47	19	23	12	39	17	59	23	40	22	27	27D	19	1	59
	25	4	29	9	32	12	55	17	54	27	3	22	2	28	47	1	27

M	Sun's Place.	Sun's Declin.	Observations.
1	11	46	4 N 39
2	12	45	5 2 Mercury sets 36 min. past 7 Aftern.
3	13	44	5 25 ☽ in Perigeo, nearest to the Earth.
4	14	43	5 48 Day increased 5 Hours 26 Minutes.
5	15	42	6 11 Day 13 Hours 4 Minutes long.
E	16	41	6 34 Deneb South 31 min. past 10 at Night.
7	17	39	6 56 Saturn sets 42 min. after 10 at Night.
8	18	38	7 19 Mars rises 11 min. past 2 in the Morn.
9	19	37	7 41 Virgin's Spike South 55m. past 11 Nig.
10	20	36	8 3
11	21	35	8 25
12	22	33	8 47 Day increased 5 Hours 56 Minutes.
E	23	32	9 9 Day 13 Hours 34 Minutes long.
14	24	31	9 31 Deneb South 1 min. past 10 at Night.
15	25	29	9 52
16	26	28	10 13 ☽ in Apogeo, furthest from the Earth.
17	27	26	10 34 Mercury's greatest Vespertine Elong from the Sun 19° 57'; set 2h. 5m. after him.
18	28	25	10 55
19	29	23	11 16
E	30	22	11 37 Sun enters 3 5 min. past 3 in the Morn.
21	1	20	11 57 Virgin's Spike South 15m. aft. 11 at Nt.
22	2	19	12 17 Saturn sets 58 min. past 9 at Night.
23	3	17	12 37 Mars rises 48 min. after 1 in the Morn.
24	4	15	12 57
25	5	14	13 17 Arcturus South 51 min. past 11 at Night.
26	6	12	13 36 Mercury sets 2 m. after 9 at Night.
E	7	10	13 55
28	8	8	14 14 Day increased 6 Hours 56 Minutes.
29	9	6	14 33 Day 14 hours 32 min. long.
30	10	5	14 51 ☽ in Perigio, nearest to the Earth.

Willing Hooper at Summer Wells the 7th
 in a. London Hills at Pouches House the 7th

May

May 1766.

Last Quarter the 1st Day, at 7 in the Afternoon.
New Moon the 8th Day, at 11 at Night.
 First Quarter the 16th Day, at Midnight.
Full Moon the 24th Day, at 9 in the Morn.
 Last Quarter the 31st Day, at 1 in the Morn.

Days	Jup ter sets.	Venus rises.
1	2M 12	3M 17
7	1 50	3 6
13	1 28	2 55
19	1 6	2 43
25	0 44	2 30

M	W	Holy-Days	Moon	Moon's	Moon's	Aspects and
D	D	☉ rises and sets.	rises.	Place.	Decl.	Weather.
1	T	St. Phil. & James	1M 47	7 ^W 7	20 S 1	
2	F	Sun rises 4 38	2 10	21 9	14 47	* ♂ ♀ feré.
3	S	Invent. Cro's	2 27	5 ^X 5	8 50	☉ ☉ ♃ Fair
4	E	Rogation Sund.	2 41	18 52	2 31	and pleasant
5	M		2 53	2 ^V 31	3N 50	Weather.
6	T	St. John A.P.L.	3 7	16 1	9 55	
7	W	Sun sets 7 31	3 20	29 21	15 30	
8	T	Holy Thursday	☽ sets.	12 8 27	20 13	
9	F		9 A 25	20 23	58	♂ ☉ ♃ Wind,
10	S	Day br. 1 32	10 11	7 II 58	26 28	and some gentle
11	E	6 Su. aft. Easter	11 9	20 21	27 36	Showers.
12	M	Term ends	11 54	2 ^S 31	27 22	Old May Day.
13	T	Sun rises 4 20	Morn.	14 30	25 50	Δ ♃ ♂
14	W	Sun sets 7 41	0 26	26 22	23 10	
15	T	Ox. Term ends	0 49	8 Ω 10	19 30	
16	F	Q. Char. born	1 8	20 0	15 6	Dunstan.
17	S		1 21	1 ^W 57	10 5	☉ ♃ ♀
18	E	Whit-Sunday	1 34	14 7	4 38	
19	M	Monday	1 45	26 33	1 S 10	
20	T	Tuesday	1 55	9 ^W 22	7 2	Δ ♃ ♀ Fair
21	W	Ember Week	2 9	22 36	12 49	and pleasant,
22	T	Sun rises 4 8	2 25	6 M 15	18 10	for the most
23	F		2 46	20 20	22 40	part.
24	S	Pr. Fr. Will. b.	☽ rises.	4 ♃ 46	25 56	
25	E	Trinity Sunday	10 A 18	19 25	27 31	
26	M	Augustin	11 12	4 ^V 11	27 9	
27	T	Ven. Bede	11 48	18 54	24 52	
28	W	Ox. Term beg.	Morn.	3 ^W 29	20 58	
29	T	K. Ch. II. Rest.	0 14	17 51	15 52	Corpus Chr. Ri.
30	F	Term begins	0 33	1 ^X 58	9 59	☉ ♃ ♀ 29
31	S		0 48	15 50	3 43	Day ♂ ☉ ♃

Best finch at Laund Bull. at Lees 6.

Caterhen Bull. at G. Sunnclips of Lees 28th.
 Bull. againe at Lees June 19th.

M. 9.
to do
Wed. 1
to do
to do

Crackles Cow put in Lound up 3. old stile
for 28 Shilling

Wing.	Saturn		Jupiter		Mars		Venus	
	Days	II Decl.	Ω Decl.	♃ Decl.	♂ Decl.	♀ Dec.		
May 1766.	15	13 19N 41	13 16 17N 47	0 21 21 S 34	1 20 1N 28			
	7 5	58 19 49	13 44 17 38	3 34 21 6	4 46 1 59			
	13 6	44 19 57	14 18 17 28	6 40 20 34	8 55 2 54			
	19 7	30 20 5	14 57 17 17	9 58 20 3	13 35 4 12			
	25 8	17 30 14	15 40 17 3	12 27 19 34	18 42 5 39			

M.D.	Sun's Place.	Sun's Declin.	Observations.
1	11 8	3 15N 10	Mercury sets 39 m. past 8 at night.
2	12	1 15 28	Saturn sets 27 m. after 9 at night.
3	12	59 15 45	Mars rises 29 m. past 1 in the morning.
E	13	57 16 3	
5	14	55 6 20	Arcturus south 14 m. after 11 at night.
6	15	53 16 37	Day 14 h. 58 m. long.
7	16	51 16 53	Day increased 7 h. 28 m.
8	17	49 17 10	
9	18	47 17 26	Saturn sets 5 m. past 9 at night.
10	19	44 17 42	Scorpion's Heart fou. 8 m. past 1 in the morn.
E	20	42 17 57	
12	21	40 18 12	Old May-Day's come at last, the drooping Cow,
13	22	38 18 27	That oftentimes is pinch'd, and pin'd till now,
14	23	36 18 42	Is tempted sore to burst herself (poor Beast!)
15	24	33 18 56	When Tellus welcomes her to such a Feast.
16	25	31 19 10	
17	26	29 19 24	Arcturus south 26 m. after 10 at night.
E	27	27 19 37	Day 15 h. 34 m. long.
19	28	24 19 50	Day increased 8 h. 2 m.
20	29	22 20 3	
21	II	19 20 15	Sun enters II 58 m. past 3 in the morning.
22	1	17 20 27	Scorpion's Heart south 17 m. past midnight.
23	2	15 20 38	Saturn sets 20 m. past 8 at night
24	3	12 20 50	Mars rises 37 m. after midnight.
E	4	10 21 0	
26	5	7 21 11	Day 15 h. 54 m. long.
27	6	5 21 21	D in Perigeo, nearest to the Earth.
28	7	2 21 31	Day increased 8 h. 24 m.
29	8	0 21 40	Mercury rises 22 m. after 3 in the morning.
30	8	57 21 49	Lyra south 2 m. after 2 in the morning.
31	9	55 21 58	

Willing for the Bull at Summer Wells the 7th of
 Willing for the Bull at Penches the 7th of

Red Finch Cow Bull. at Lodge the 7th of May

June 1766.

Days Jupiter Venus
sets. rises.

New Moon the 7th day, at noon. 1 0M 18 2M 16
First Quarter the 15th day, at 4 in the aftern. 7 11A 51 2 4
Full Moon the 22d day, at 5 in the aftern. 13 11 28 1 52
Last Quarter the 29th day, at 8 in the morn. 19 11 5 1 44
 25 10 43 1 31

M.D.	W.D.	Holy-Days, Rises & sets.	Moon rises	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	1 S. aft. Trin.	1M	129	28	2N 37
2	M	Sun rises 3 56	1	14	12	8 41
3	T	Sun sets 8 5	1	26	26	1 14 17
4	W	K. Geo. III. b.	1	42	8	8 59 19 10
5	T	Boniface.	2	121	45	23 4
6	F		2	27	4	19 25 52
7	S	Cl. flow 2 m.	2	sets	16	41 27 21
8	E	2 S. aft. Trin.	9A	47	28	52 27 29
9	M	Sun rises 3 51	10	23	10	26 54 26 17
10	T	Prs. Amelia b.	10	50	22	48 23 55
11	W	St. Barnabas.	11	9	4	36 20 31
12	T		11	24	16	23 16 19
13	F	Sun sets 8 10	11	37	28	13 11 30
14	S	Clock with ☉	11	47	10	19 9 6 12
15	E	3 S. aft. Trin.	11	58	22	17 0 37
16	M		Morn.	4	42	5 S 7
17	T	St. Alban.	0	10	17	30 10 50
18	W	Term ends.	0	23	0	14 16 15
19	T	Sun rises 3 48	0	41	14	25 21 2
20	F	Tr Edw. K. WS.	1	5	28	35 24 48
21	S	Longest-Day.	1	41	13	10 27 4
22	E	4 S. aft. Trin.	1	rises	28	4 27 30
23	M		9A	39	13	19 8 25 54
24	T	St. John Bapt.	10	11	28	13 22 25
25	W	Cl. fast 2 m.	10	32	13	9 17 28
26	T	Sun rises 3 48	10	48	27	49 11 35
27	F	Sun sets 8 11	11	1	12	28 9 5 13
28	S		11	15	26	8 1N 16
29	E	5 S. aft. Trin.	11	27	9	46 7 30
30	M	Cl. fast 3 m.	11	43	23	3 13 17

Ex -

Sand out

to Weston

Meeting

Miss came the 9th of June -
 stick a busling the 25th

Wing.	D ^{ns}	Saturn		Jupiter		Mars		Venus												
		♄	Decl.	♃	Decl.	♂	Decl.	♀	Decl.											
June 1766.	1	9	12	20	23	16	36	16	N	46	15	31	19	S	1	25	5	7	N	41
		9	59	20	31	17	29	16	29	17	5	18	35	6	52	9	27			
		10	45	20	38	18	26	16	12	20	3	18	17	6	52	11	19			
		11	31	20	44	19	26	15	52	21	55	18	2	13	2	13	10			
		23	12	16	20	49	20	29	15	32	23	27	17	54	19	21	14	57		

M. D.	Sun's Place.	Sun's Declin.
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Observations.

E	10	♄	52	22	N	0	
	2	11	49	22	14		Saturn rises 54 m. past 3 in the morning.
	3	12	47	22	22		Venus's greatest Matut. Elong. from the Sun 45° 48'; rises 1 h. 39 m. before him.
	4	13	44	22	29		Mercury's greatest Matut. Elong. from the Sun 23° 28'; rises 44 m. before him.
	5	14	41	22	36		
	6	15	39	22	42		
	7	16	36	22	48		
E	17	33	22	53			Scorpion's Heart south 8 m. after 11 at night.
	9	18	31	22	59		Day 16 h. 18 m. long.
	10	19	28	23	3		♃ in Apogee, farthest from the Earth.
	11	20	25	23	8		Day increased 8 h. 46 m.
	12	21	23	23	12		
	13	22	20	23	15		Lyra south 5 m. past 1 in the morning.
	14	23	17	23	18		Mercury rises 48 m. after 2 in the morning.
E	24	14	23	21			Saturn rises 6 m. past 3 in the morning.
	16	25	12	23	23		Mars rises 31 m. after 11 at night.
	17	26	9	23	25		
	18	27	6	23	26		Scorpion's Heart so. 26 m. past 10 at night.
	19	28	3	23	27		Day increased 8 h. 50 m.
	20	29	1	23	28		Day 16 h. 26 m. long.
	21	29	58	23	28		Sun enters ♄ 56 m. past noon.
E	23	55	23	28			
	23	1	52	23	28		Saturn rises 36 m. after 2 in the morning.
	24	2	49	23	27		♃ in Perigee, nearest to the Earth.
	25	3	47	23	25		Mars rises 2 m. past 11 at night.
	26	4	44	23	23		Lyra south 6 m. after midnight.
	27	5	41	23	21		
	28	6	38	23	18		Day 16 h. 22 m. long.
E	7	35	23	15			Day decreased 4 m.
30	8	32	23	12			

July 1766.

Days Jupiter sets. Venos rises.

New Moon the 7th day, at 2 in the morn. 1 10 A 20 1 M 22
First Quarter the 15th day, at 5 in the morn. 7 9 58 1 14
Full Moon the 21st day, at midnight. 13 9 36 1 9
Last Quarter the 28th day, at 5 in the aftern. 19 9 14 1 6
 25 8 5- 1 5

M.D.	W.D.	Holy-Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	Camb. Com.	Morn.	6 8 8 18 N	20	
2	W	Visit. B.V.M.	0	1 18 51 22	25	
3	T		0	24 11 23 25	26	Wind, but
4	F	Cam. Term ends.	0	56 13 40 27	11	mostly fair.
5	S	O. Midsum.-Day.	1	40 25 48 27	36	♁ ☉ ♀
6	T	6 S. aft. Trin.	2	37 7 54 26	42	
7	M	Tho a Becket.	D sets	19 40 24	35	
8	T		9 A	10 1 32 21	24	
9	W	Sun rises 3 55	9	26 13 17 17	24	Hot and sultry,
10	T	Sun sets 8 4	9	38 25 3 12	43	with thunder
11	F	Cl. fast 5 m.	9	50 6 54 7	31	showers.
12	S		10	0 18 52 2	3	
13	T	7 S. aft. Trin.	10	11 1 3 36	S	
14	M	Oxf. Act beg.	10	24 13 25 9	13	
15	T	Smithin.	10	39 26 10 14	37	
16	W		10	58 9 18 19	30	
17	T	Sun rises 4 3	11	28 22 54 23	35	
18	F	Sun sets 7 56	Morn.	6 1 58 25	26	♁ ♃ ♀ Brisk
19	S	Oxf. Term ends.	0	11 21 29 27	40	winds, and some
20	T	8 S. aft. Trin.	1	14 6 24 26	55	♁ ♃ ♀ showers
21	M		D rises	21 35 24	10	
22	T	Ps. Car. Mat. b	8 A	31 6 50 19	42	St. Mary Magdal
23	W	Cl. fast 6 m.	8	49 22 2 13	56	
24	T	Sun rises 4 12	9	5 7 6 7	24	
25	F	St. James.	9	18 21 36 0	44	
26	S	St. Anne.	9	31 5 47 5 N	49	♁ ♃ ♀ Fair,
27	T	9 S. aft. Trin.	9	47 19 32 11	54	* ♃ ♀ and
28	M		10	4 2 8 32 17	15	♁ ♃ ♀ very hot
29	T	Sun sets 7 41	10	26 15 49 21	37	weather.
30	W	Deg-Days begin.	10	55 28 26 24	55	
31	T	Cl. fast 6 m.	11	35 10 11 48	26 58	

*M: Ming
As fair*

Safe &c

Wing.	Days	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Decl.	Venus ♀ Decl.
July 1766.	1	13 020N 55	21 34 15N 11	24 37 17S 53	25 46 16N 40
	7	13 43 21	0 22 42	14 49 25	23 18 1 2
	13	14 25 21	5 23 53	14 25 25	41 18 17 9
	19	15 5 11	10 25 5	14 1 25 R 31	18 42 15 4
	25	15 43 21	14 26 19	13 36 24 55	19 14 22 3

M.D.	Sun's Place.	Sun's Declin.	Observations.
1	9 ³⁰	23 N 8	
2	10 27	23 4	Saturn rises 2 m. after 2 in the morning.
3	11 24	22 59	Mars rises 35 m. past 10 at night.
4	12 21	22 54	Day 16 h. 16 m. long.
5	13 18	22 48	Day decreased. 10 m.
E	14 16	22 42	
7	15 13	22 36	Atair south 31 m. past midnight.
8	16 10	22 29	♃ in Apogeo, farthest from the Earth.
9	17 7	22 22	Lyra south 13 m. after 11 at night.
10	18 4	22 15	
11	19 1	22 7	Saturn rises 29 m. past 1 in the morning.
12	19 59	21 59	Mars rises 4 m. after 10 at night.
E	20 56	21 50	Day decreased 24 m.
14	21 53	21 41	Day 16 hours long.
15	22 50	21 32	
16	23 48	21 22	Atair south 54 m. past 11 at night.
17	24 45	21 12	Saturn rises 8 m. after 1 in the morning.
18	25 42	21 2	Mars rises 43 m. past 9 at night.
19	26 39	20 51	Day decreased 36 m.
E	27 37	20 40	Day 15 h. 48 m. long.
21	28 34	20 28	
22	29 31	20 16	Sun enters ♄ 55 m. past 11 at night.
23	♄ 29	20 4	♃ in Perigeo, 22d Day.
24	1 26	19 52	Atair south 22 m. after 11 at night.
25	2 23	19 39	Mercury sets 46 m. past 8 at night.
26	3 21	19 26	
E	4 18	19 12	Mars rises 10 m. after 9 at night.
28	5 15	18 59	Day decreased 1 h. 2 m.
29	6 13	18 44	Fomalhaut south 12 m. past 2 in the morning.
30	7 10	18 30	Day 15 h. 18 m. long.
31	8 8	18 15	

August 1766.

Jupiter rises. Venus rises.

New Moon the 5th day, at 6 in the aftern. 1 8A 28 1M 8
 First Quarter the 13th day, at 4 in the aftern. 7 8 7 1 14
 Full Moon the 20th day, at 7 in the morn. 13 7 46 1 22
 Last Quarter the 27th day, at 5 in the morn. 19 7 27 1 35
 25 7 7 1 50

M.D.	W.D.	Holy-Days, Rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	Lammas Day.	Morn.	22 Π 56	27N 42	
2	S	Day br. 1 27	0 27	4 ⁵⁶ 56	27 5	
3	S	10 S. aft. Trin.	1 29	16 47	25 14	Wind, and
4	M	Twilight 2 50	2 39	28 35	22 13	frequent
5	T		\Downarrow sets	10 Ω 22	18 27	showers.
6	W	Transfigurat.	7 A 46	22 9	13 54	
7	\mathcal{H}	Name of Jesus	7 58	4 ^m 1	8 46	
8	F	Cl. fast 5 m.	8 9	15 57	3 22	
9	S	Sun rises 4 36	8 21	28 1	2 S 16	* \odot \mathcal{H}
10	E	11 S. aft. Trin.	8 32	10 \triangle 17	7 52	St. Laurence.
11	M	Prs. Brunwick b.	8 46	22 46	13 18	
12	T	Pr. of Wales b.	9 3	5 ^m 33	18 15	Old Lammas-day.
13	W		9 28	18 39	22 28	\odot \mathcal{H} Hot,
14	\mathcal{H}	Sun sets 7 15	10 3	2 ^f 725	41	and very dry
15	F	Affump. B.V.M.	10 56	16 0	27 27	weather for
16	S	Bp. of Osnab. bo.	Morn.	0 ⁵ 17	27 29	some time.
17	E	12 S. aft. Trin.	0 8	14 57	25 37	
18	M		1 36	29 54	21 55	
19	T	Day br. 2 29	3 11	15 ^m 5	16 42	Wind
20	W	Twilight 2 24.	\Downarrow rises	0 ^X 13	10 28	and some
21	\mathcal{H}	Pr. Will.-Hen. b.	7 A 27	15 16	3 40	showers.
22	F	Sun sets 7 1	7 40	0 ^V 1	3N 11	Δ \mathcal{H} δ * \mathcal{H} \mathcal{H}
23	S		7 55	14 23	9 40	
24	E	13 S. aft. Trin.	8 13	28 17	15 29	St. Bartholomew.
25	M	Cl. fast 2 m.	8 33	11 8 45	20 21	
26	T	Day br. 2 50	9 0	24 46	24 4	\odot \mathcal{H} Fair
27	W		9 37	7 Π 24	26 31	and pleasant
28	\mathcal{H}	St. Augustin.	10 26	19 44	27 38	about the
29	F	Decol. St. J. B.	11 25	1 ⁵⁶ 49	27 21	end.
30	S	Sun rises 5 14	Morn.	13 41	25 50	
31	E	14 S. aft. Trin.	0 33	25 31	23 10	

As fair

Laud Stirk Bull. the 20th at Peaches

Wing.	Days	Saturn		Jupiter		Mars		Venus									
		♄	Decl.	♃	Decl.	♂	Decl.	♀	Decl.								
Aug: 1766.	1	16	21N	17	47	13N	6	23	41	19S	55	0	38	21N	59		
	7	16	5 ⁸ 21	21	29	4	12	39	22	17	20	34	7	36	22	5	
	13	17	28	21	24	♃	21	12	12	20	44	21	4	14	37	21	51
	19	17	56	21	25	1	39	11	45	19	10	21	32	21	41	21	14
	25	18	21	21	27	2	57	11	17	17	45	21	46	28	49	20	14

M.D.	Sun's Place.	Sun's Declin.	Observations.
1	9♄	5	18N 0 Mercury sets 33 m. after 8 at night.
2	10	2	17 45 Saturn rises 7 m. after midnight.
E 11	c	17	29 Day 15 h. 6 m. long.
4	11	57	7 13 ♃ in Apogeo, farthest from the Earth.
5	12	55	16 57 Lyra south 26 m. after 9 at night.
6	13	52	16 41
7	14	50	16 24 Mars rises 25 m. after 8 at night.
8	15	48	16 7 Atair south 24 m. past 10 at night.
9	16	45	15 50 Day decreased 1 h. 38 m.
E 17	43	15	32
11	18	40	15 15 Saturn rises 36 m. after 11 at night.
12	19	38	14 57 Day 14 h. 38 m. long.
13	20	36	14 38 Markab south 22 m. after 1 in the morning.
14	21	33	14 20 Day decreased 1 h. 56 m.
15	22	31	14 1 Mercury's greatest Vespertine Elong, from
16	23	29	13 42 the Sun 27° 20' ; sets 39 m. after him.
E 24	27	13	23
18	25	24	13 4 ♃ in Perigeo, nearest to the Earth.
19	26	22	12 44 Atair south 43 m. past 9 at night.
20	27	20	12 24 Mars sets 44 m. past 3 in the morning.
21	28	18	12 4 Fomalhaut south 41 m. after midnight.
22	29	16	11 44
23	♃	14	11 24 Sun enters ♃ 17 m. past 6 in the morning.
E 1	12	11	3 Saturn rises 51 m. after 10 at night.
25	2	10	10 43 Mars sets 19 m. past 3 in the morning.
26	3	8	10 22 Atair south 17 m. after 9 at night.
27	4	6	10 1
28	5	4	9 40 Day decreased 2 h. 46 m.
29	6	2	9 18 Day 13 h. 36 m. long.
30	7	0	8 57 Saturn rises 32 m. past 10 at night.
E 7	58	8	35

September 1766.

New Moon the 4th day, at 10 in the morn.	1	4M44	2	M 9
First Quarter the 11th day, at midnight.	7	4 3 ^c	2	27
Full Moon the 18th day, 4 in the afternoon.	13	4 17	2	46
Last Quarter the 25th day, at 10 at night.	19	4 2	3	6
	25	3 48	3	27

Jupiter rises. Venus rises.

D.	M.	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Gifes.	1M45	7Ω17	19N26	
2	T	London b. 1766.	2 58	19 5	15 9	
3	W	Day br. 3 13	4 10	0m256	10 10	Frequent
4	F	Twilight 2 8.	☽ sets	12 54	4 47	showers.
5	F	Cl. flow 2 m.	6A37	25 2	0S51	about this time.
6	S		6 48	7=19	6 30	
7	E	15 S. aft. Trin.	7 2	19 48	11 59	Dog-Days end.
8	M	Nativ. B. V. M.	7 18	2m31	17 5	♂ ♀
9	T	Sun rises 5 34	7 40	15 28	21 28	
10	W	Sun sets 6 24	8 12	28 39	24 56	
11	F	Day br. 3 34	8 56	12 ♯	7 27	☐ ☉ ♄ ☉ ☽
12	F	Twilight 2 5.	9 59	25 52	27 36	☐ ♄ ♀ Windy,
13	S		11 16	9♄55	25 25	but not much wet.
14	E	16 S. aft. Trin.	Morn.	24 15	23 27	Holy-Cross-Day.
15	M	Cl. flow 5 m.	0 47	8=51	18 57	
16	T		2 21	23 39	13 15	
17	W	Ember-Week	3 51	8X31	6 46	Some showers,
18	F	Sun rises 5 51	☽ rises	23 22	0N 4	about this
19	F	Sun sets 6 7	6A 8	8γ 2	6 48	time.
20	S		6 25	22 24	13 1	
21	E	17 S. aft. Trin.	6 45	68 22	18 26	St. Matthew.
22	M	K. Geo. III. cr.	7 9	19 54	22 43	
23	T	Day br. 4 1	7 42	2II 59	25 42	
24	W	Twilight 2 hours	8 28	15 40	27 1	
25	T		9 25	28 2	27 2	
26	F	St. Cyprian.	10 30	10=6	26 1	
27	S	Cl. flow 9 m.	11 41	22 1	23 3	
28	E	18 S. aft. Trin.	Morn.	3Ω48	20 31	♂ ♄ ♀ Cloudy
29	M	St. Michael.	0 53	15 34	16 28	weather, but
30	T	St. Jerome.	2 5	27 25	11 38	not much wet.

M. Meeting

Mis went to Grehon the 15th or Meeting

Wing	Days	Saturn		Jupiter		Mars		Venus								
		♄	Decl.	♃	Decl.	♂	Decl.	♀	Decl.							
Sept. 1766.	11	18	46 ²¹ N	28	4	29	10N	44	16	30	11S	51	7	12	18N	40
	7	19	3 ²¹	30	5	4	10	16	15	5	21	43	14	2	16	58
	15	19	17 ²¹	30	7	4	9	48	15	D	4	21	21	11	4	59
	19	19	27 ²¹	30	8	2	9	20	16	2	10	51	29	0	12	44
	25	19	33 ²¹	29	9	3	6	8	52	16	4	10	5	6 ¹¹ R	21	10

M.D.	Sun's Place.	Sun's Declin.	Observations.
1	8 ¹¹ 56	8 N 13	♃ in Apogeo, farthest from the Earth.
2	9 54	7 51	Saturn rises 22 m. after 9 at night.
3	10 53	7 29	Mars sets 39 m. past 2 in the morning.
4	11 51	7 7	Fomalhaut south 50 m. past 11 at night.
5	12 49	6 45	
6	13 47	6 23	Day 13 h. 4 m. long.
E 14	46	6 0	Day decreased 3 h. 20 m.
8	15 44	5 37	Saturn rises at 10 at night.
9	16 42	5 15	Mars sets 15 m. past 2 in the morning.
10	17 41	4 52	Markab south 36 m. past 11 at night.
11	18 39	4 29	
12	19 38	4 6	Fomalhaut south 22 m. after 11 at night.
13	20 36	3 43	Day decreased 3 h. 48 m.
E 21	35	3 20	Day 12 h. 34 m. long.
15	22 34	2 57	♃ in Perigeo, nearest to the Earth.
16	23 32	2 34	Markab south 15 m. past 11 at night.
17	24 31	2 11	
18	25 30	1 4	Saturn rises 26 m. after 9 at night.
19	26 28	1 24	Fomalhaut south 56 m. after 10 at night.
20	27 27	1 1	Mercury rises 38 m. past 4 in the morning.
E 28	26	0 37	Day 12 h. 6 m. long.
22	29 25	0 14	
23	2 23	0 S 10	Sun enters ♋ 34 m. past 2 in the morning.
24	1 22	0 33	Pole Star south 36 m. after midnight.
25	2 21	0 57	Day decreased 4 h. 36 m.
26	3 20	1 20	
27	4 19	1 44	Mercury's greatest Matut. Elong. from the
E 5	18	2 7	Sun 17° 51'; rises 1 h. 42 m. before him.
29	6 17	2 30	♃ in Apogeo, farthest from the Earth.
30	7 16	2 54	

October 1766.

Days	Jupite rises.	Venu ^s rises.
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New Moon the 4th day, at 1 in the morn.	1	3M34	3M47
First Quarter the 11th day, at 8 in the morn.	7	3 16	4 7
Full Moon the 18th day, at 2 in the morn.	14	3 3	4 27
Last Quarter the 25th day, at 5 in the aftern.	21	2 4*	4 47
	28	2 31	5 7

M.D.	W.D.	Holy-Days, Rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	W	Remigius,	3M16	9m22	6N21	
2	M	Sun rises 6 19	4 28	21 30	0 48	Moderate
3	F	Sun sets 5 39	5 40	3 Δ 51	4S 54	weather for
4	S		D sets	16 26	10 28	the season.
5	E	19 S. aft. Trin.	5 A 34	29 15	15 46	
6	M	Faith.	5 54	12m17	20 22	\square h δ
7	T	Day br. 4 31	6 23	25 32	24 5	
8	W	Twilight 1 58	7 4	8 \ddagger 59	26 30	
9	F	St. Dennis.	8 1	22 37	27 27	
10	F	Oxf. & Cam. T. b.	9 13	6 ∇ 25	26 41	O. Michael-Day.
11	S		10 37	20 22	24 13	
12	E	20 S. aft. Trin.	Morn.	4 ∇ 29	20 17	Δ \odot h Cloudy,
13	M	Transl. K. E. Con.	0 7	18 44	15 6	and some
14	T	Sun rises 6 42	1 35	3 \times 6	9 6	showers.
15	W	Sun sets 5 16	3 1	17 35	2 34	
16	T	Cl. flo. 14m.	4 27	2 ∇ 0	4N 5	
17	F	Ethebert.	5 54	16 20	10 26	High winds,
18	S	St. Luke.	D rises	0 8 27	16 11	Δ h δ and
19	E	21 S. aft. Trin.	5 A 18	14 17	20 57	stormy weather
20	M		5 46	27 44	24 28	for some
21	T	Day br. 4 59	6 27	10 Π 49	26 38	Δ δ δ time.
22	W	Sun rises 6 58	7 20	23 29	27 20	
23	F	Sun sets 5 0	8 22	5 ∇ 48	26 37	
24	F	Twilight 1 58	9 32	17 58	24 38	
25	S	KGeo. III. In.	10 44	29 54	21 35	Trispin.
26	E	22 S. aft. Trin.	11 56	11 Ω 41	17 40	K. Geo. III. Proc.
27	M		Morn.	23 30	13 6	δ \odot δ Wet
28	T	S. Sim. & Jude.	1 7	5 ∇ 23	7 58	and windy at
29	W	Day br. 5 12	2 17	17 25	2 33	Δ h δ end.
30	F	Sun rises 7 13	3 28	29 40	3 S 4	
31	F	Sun sets 4 46	4 41	12 Δ 12	8 41	

Mis
Seis. -

to web

Mis
to web

to web

to web

Acc at Derby the 31st

Wing	Days	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Dec.	Venus ♀ Decl.
Oct. 1766.	1	19 35 21 N	29 10 50	8 N 25 18	3 19 S 23 13 43 N 37
	7	19 R 34 21	28 12 3	7 56 19	39 18 28 21 8 4 0
	13	19 28 21	27 13 14	7 30 21	37 17 29 28 34 1 57
	19	19 18 21	26 14 23	7 4 23	53 16 22 6 20 S 58
	25	19 4 21	25 15 29	6 40 26	24 15 10 13 30 3 56

M D	Sun's Place.	Sun's Declin.	Observations.
1	8 16	3 S 17	Mercury rises 28 m. after 4 in the morning.
2	9 15	3 40	Fomalhaut south 9 m. past 10 at night.
3	10 14	4 4	Saturn rises 33 m. after 8 at night.
4	11 13	4 27	Pole Star south 1 m. after midnight.
E 12	12 12	4 50	
6	13 12	5 13	Mars sets 9 m. past 1 in the morning.
7	14 11	5 36	Fomalhaut south 51 m. past 9 at night.
8	15 10	5 59	Day 10 h. 58 m. long.
9	16 10	6 22	Day decreased 5 h. 30 m.
10	17 9	6 45	
11	18 9	7 8	Markab south 45 m. after 9 at night.
E 19	8 7	30	Saturn rises 59 m. past 7 in the evening.
13	20 8	7 53	♃ in Perigeo, nearest to the Earth.
14	21 7	8 15	Fomalhaut south 25 m. past 9 at night.
15	22 7	8 38	
16	23 7	9 0	Day 10 h. 28 m. long.
17	24 6	9 22	Day decreased 6 h. 2 m.
18	25 6	9 44	Markab south 19 m. after 9 at night.
E 26	6 10	6	
20	27 6	10 27	Mars sets 50 m. after midnight.
21	28 5	10 49	Saturn rises 24 m. past 7 in the evening.
22	29 5	11 10	Pole Star south 54 m. after 10 at night.
23	♄	5 11 31	Sun enters ♄ 43 m. past 9 in the morning.
24	1	5 11 52	
25	2	5 12 13	Day 9 h. 52 m. long.
E 3	5 12 34		♃ in Apogeo, farthest from the Earth.
27	4	5 12 54	Day decreased 6 h. 42 m.
28	5	5 13 14	
29	6	5 13 34	Fomalhaut south 28 m. after 8 at night.
30	7	5 13 54	Saturn rises 49 m. past 6 in the evening.
31	8	5 14 13	Mars sets 38 m. after midnight.

Dick came to Walt Octo^r. 13th.
and his wage is to be 3^l. 6^s. a week

November 1766.

[Days] Jupiter. Venus
ries. rises.

New Moon the 2d day, at 4 in the aftern.	1	2M	11	5M	3
First Quarter the 9th day, at 4 in the aftern.	7	1	53	5	4
Full Moon the 16th day, at 3 in the aftern.	13	1	34	6	7
Last Quarter the 24th day, at 2 in the aftern.	19	1	15	6	26
	25	0	53	6	44

M.D.	W.D.	Holy-Days, Orises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S	All Saints.	5M 58	25 2	14 S 4	
2	E	23 S. aft. Trin.	sets	8m 11	18 59	All Souls.
3	M	Day br. 5 20	4 A 31	21 36	22 58	Dark, cloudy
4	T		5 7	5 18	25 51	weather,
5	W	Papists Consp.	5 59	19 9	27 9	and some showers.
6	F	Term begins.	7 7	3 18	26 47	Leonard.
7	F	Pr. H. - Fred. b.	8 29	17 10	24 40	
8	S	Sun rises 7 29	9 56	1 15	21 2	
9	E	24 S. aft. Trin.	11 23	15 21	16 11	
10	M		Morn.	29 26	10 28	Δ ♂ ♀ * ☉ ♃
11	T	Martinmas.	0 48	13 31	4 14	☐ ♃ ♃ 10th Day.
12	W	Sun sets 4 24	2 11	27 35	2N 12	
13	F	Whitius.	3 34	11 34	8 31	Moderate,
14	F	Twilight 2 4	4 58	25 27	14 27	for the season.
15	S	S. Schutus.	6 21	9 11	19 19	
16	E	25 S. aft. Trin.	sets	22 39	23 15	
17	M	Hugh, Bp. Linc.	4 A 20	5 52	25 52	☐ ♂ ♀
18	T	Sun rises 7 45	5 6	18 46	27 4	Wind,
19	W		6 6	1 22	26 50	with frequent
20	T	Edm. K. & M.	7 14	13 40	25 14	showers.
21	F	Day br. 5 43	8 26	25 45	22 30	
22	S	O. Mart. day.	9 37	7 38	18 51	
23	E	26 S. aft. Trin.	10 48	19 27	14 28	St. Clement.
24	M	Sun sets 4 7	11 57	1 17	9 31	8 ♃ ♀ * ♃ ♀
25	T	D. Glouc. bo.	Morn.	13 12	4 15	☐ ♃ ♀ (23d.
26	W		1 7	25 15	1 S 15	Cloudy,
27	F	Twilight 2 6	2 18	7 32	6 48	but fair for the
28	F	Term ends.	3 31	20 9	12 13	most part.
29	S	Cl. flo. 11 m.	4 47	3m 9	17 17	
30	E	Advent-Sund.	6 7	16 31	21 37	S. Andrew. Prs. D. (of Wales born)

to wet

to wet

to wet

Mary Keeling came to live
with us the 20th Wage 3 pounds

Wing.	Days	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Decl.	Venus ♀ Decl.
	1	18 44 21 N	23 16 41 6 N	13 29 39 13 S	41 22 15 7 S
Nov.	7	18 23 21	17 40 5 51	2 37 12	21 29 46 10
1766.	13	18 0 21	18 18 36 5 30	5 45 10	56 7 17 12
	19	17 35 21	16 19 27 5 11	9 2 9	29 14 49 15
	25	17 7 21	14 20 13 4 54	12 25 7	5 22 22 17

Day	Sun's Place.	Sun's Declin.	Observations.
1	9m	5 14 S	33 Day 9 h. 28 m. long.
E 10	6 14	5 2	Day decreased 7 h. 2 m.
3 11	6 15	11	Pole Star south 8 m. past 10 at night.
4 12	6 15	29	
5 13	6 15	48	
6 14	7 16	6	<i>Blest be those Judges who uprightly sit, Promoting Justice, not their own Estate; Which hate Equivocations, Strife and Wrongs, Promoted by false Outbs, and Hackney-Tongues.</i>
7 15	7 16	24	
8 16	7 16	41	
E 17	8 16	58	
10 18	8 17	15	
17 19	9 17	32	
12 20	9 17	48	Pole Star south 33 m. past 9 at night.
13 21	10 8	4	Saturn rises 50 m. past 5 in the afternoon.
14 22	10 8	20	Mars sets 25 m. after midnight.
15 23	11 18	36	
E 24	11 18	51	Day decreased 7 h. 50 m.
17 25	12 19	5	Day 8 h. 32 m. long.
18 26	13 19	20	Fomalhaut south 8 m. after 7 at night
19 27	13 19	34	
20 28	14 19	48	Mars sets 19 m. after midnight.
21 29	15 20	1	Saturn rises 14 m. past 5 in the afternoon.
22 30	15 20	14	Sun enters ♄ 9 m. after 6 in the morning.
E 1	16 20	27	♃ in Apogeo, farthest from the Earth.
24 2	17 20	39	
25 3	18 20	51	Day decreased 8 h. 16 m.
26 4	19 21	2	Mirach south 45 m. past 8 at night.
27 5	19 21	13	Day 8 h. 6 m. long.
28 6	20 21	24	
29 7	21 21	34	Saturn rises 38 m. after 4 in the afternoon.
R 8	22 21	44	Mars sets 11 m. past midnight.

December 1766.

Jupiter rises. 31
Venus rises. 7

New Moon the 2d day, at 5 in the morning.	1	0M 31	7M 1
First Quarter the 8th day, at 11 at night.	7	0 8	7 17
Full Moon the 16th day, at 7 in the morning.	13	11A 41	7 32
Last Quarter the 24th day, at 11 in the morning.	19	11 16	7 45
New Moon the 31st day, at 5 in the afternoon.	25	10 52	7 54

M.D.	W.D.	Holy-Days, rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M	Sun rises 8 2	7M 29	0 16	24 S 56	
2	T	Sun sets 3 57	7 sets	14 20	26 50	
3	W	Day br. 5 55	4 A 45	28 38	26 58	
4	TH	Twilight 2 10	6 5	13 42	25 15	Wind,
5	F		7 33	27 32	21 54	cold rain,
6	S	St. Nicholas.	9 2	11 57	17 12	snow, or
7	E	2 S. in Advent.	10 27	26 15	11 34	8 ☉ ♄ fleet,
8	M	Conc. B. V. M.	11 51	10 24	5 23	
9	T	Sun rises 8 9	Morn.	24 26	0N 59	
10	W	Sun sets 3 50	1 13	8 22	7 15	8 ♃ ♄
11	TH		2 35	21 56	13 3	
12	F	Day br. 5 59	3 55	5 8 25	18 9	
13	S	Lucy.	5 15	18 43	22 17	☉ ☉ ♃ Dark,
14	E	3 S. in Advent.	6 34	1 48	25 16	misty weather
15	M	Cl. flow 4 m.	7 44	14 38	26 51	for some
16	T	Cam. Term ends.	8 rises	27 16	27 0	☉ ☉ ♄ time.
17	W	Ember-Week	4 A 48	9 39	25 48	Oxf. Term ends.
18	TH		5 58	21 49	23 21	☉ ♃ ♄
19	F	Sun rises 8 13	7 10	3 48	19 56	
20	S	Sun sets 3 47	8 22	14 42	15 43	
21	E	4 S. in Advent.	9 31	27 28	10 58	St. Thomas.
22	M	Twilight 2 12	10 40	9 16	5 48	
23	T	Day br. 6 1	11 47	21 10	0 27	Sharp air,
24	W		Morn.	3 13	5 S	and frosty
25	TH	Christm. Day.	0 58	15 30	10 27	☉ ♄ ♄ weather.
26	F	St. Stephen.	2 12	28 6	15 34	
27	S	St. John.	3 28	11 52	20 2	☉ ☉ ♄
28	E	1 S. aft. Christ.	4 48	24 29	23 49	Holy Innocents.
29	M	Sun rises 8 10	6 9	8 21	26 16	☉ ♄ ♄ 28th Day
30	T	Sun sets 3 50	7 21	22 37	27 8	(☉ ♄ ♄)
31	W	Silvester.	8 sets	7 13	26 8	

*Send out
to wet*

*to wet
low: up -*

*Mating
to wet -*

to wet -

Wing	D ^{ys}	Saturn ♄ Decl.	Jupiter ♃ Decl.	Mars ♂ Decl.	Venus ♀ Decl.
Dec. 1766.	1	16 38 21 N	12 20 55 4 N	39 15 54 5 S	25 29 50 19 S
	7	16 8 21	21 31 4 26	19 29 1 50	7 27 21 10
	13	15 38 21	6 22 2 4 16	23 8 3 14	15 0 22 25
	19	15 9 21	4 22 26 4	7 26 50 1	37 22 4 23
	25	14 41 21	2 22 44 4	0 3 35 5 N	1 0 5 7 23

D.	Sun's Place.	Sun's Declin.	Observations.
1	9 23	21 S	Mercury sets 54 m. past 4 in the afternoon.
2	10 24	22	Seven Stars south 57 m. past 10 at night.
3	11 25	22	Day decreased 8 h. 34 m.
4	12 26	22	19 Aldebaran south 36 m. after 11 at night.
5	13 27	22	Day 7 h. 50 m. long.
6	14 28	22	34
E 15	29	22	♄ in Perigeo, nearest to the Earth.
8	16 30	22	47 Mars sets 4 m. after midnight.
9	17 31	22	53 Pole Star south 37 m. past 7 in the evening.
10	18 32	22	59 Mercury's greatest Vesper. Elong. from the
11	19 33	23	Sun 20° 27'; sets 1 h. 14 m. after him.
12	20 34	23	8
13	21 35	23	12 Saturn sets 37 m. past 7 in the morning.
E 22	36	23	16 Seven Stars south 5 m. past 10 at night.
15	23 37	23	19
16	24 38	23	22 Day 7 h. 36 m. long.
17	25 40	23	24 Day decreased 8 h. 50 m.
18	26 41	23	26 Saturn sets 14 m. after 7 in the morning.
19	27 42	23	27 Aldebaran south 30 m. after 10 at night.
20	28 43	23	28 ♄ in Apogeo, farthest from the Earth.
E 29	44	23	28 Sun enters ♄ 14 m. past 6 at night.
22	45	23	28
23	1 46	23	28 Pole Star south 35 m. after 6 in the evening.
24	2 48	23	27 Mars sets 53 m. past 11 at night.
25	3 49	23	25 Saturn sets 41 m. after 6 in the morning.
26	4 50	23	23 Seven Stars south 11 m. past 9 at night.
27	5 51	23	21
E 6	52	23	18 Day 7 h. 38 m. long.
29	7 53	23	14 Aldebaran south 46 m. after 9 at night.
30	8 55	23	10 Day increased 6 m.
31	9 56	23	6

The Longitude of **Mercury**, and his Declination
for the Year 1766.

Days	Janua.	Februa.	March	April	May	June
1	29 ^h 25	17 ^h 25	23 ^m 21	21 ^h 32	22 8 42	17 8 41
4	29 ^R 53	20 0	28 12	27 29	21 ^R 40	20 6
7	28 39	23 6	3 ^X 16	3 8 2	20 9 23	7
10	25 47	26 33	8 31	8 6	18 23	26 37
13	21 59	0 ^m 13	13 52	12 34	16 40	0 ^{II} 37
16	18 16	4 8	19 25	16 19	15 14 5	3 4
19	15 31	8 17	25 12	19 14	14 18 10	0
22	14 5	12 38	1 ^V 9	21 22	13 58	15 22
25	13 ^D 56	17 6	7 12	22 38	14 ^D 20	21 7
28	14 52	21 46	13 21	23 4	15 22	27 13
Days	July	August	Sept.	Octob.	Nov.	Dec.
1	3 ^Ω 36	2 ^m 20	27 ^m 50	21 ^m 3	12 ^m 7	27 4 40
4	10 6	6 37	26 ^R 36	25 23	16 53	1 ^h 46
7	16 34	10 39	24 27	0 ^Ω 10	21 36	5 36
10	22 55	14 24	21 36	5 13	26 17	8 59
13	29 6	17 47	18 30	10 22	0 ^Ω 54	11 46
16	5 ^Ω 2	20 49	15 47	15 32	5 29	13 33
19	10 43	23 28	14 5	20 40	10 2	13 ^R 57
22	16 8	25 37	13 ^D 46	25 44	14 32	12 40
25	21 18	27 10	14 56	0 ^m 44	19 0	9 45
28	26 12	28 0	17 26	5 40	23 23	5 18

The Declination of **Mercury** to every Sixth Day.

Days	Janua.	Febru.	March	April	May	June
1	20 S 28	21 S 0	15 S 42	8 N 40	20 N 13	13 N 31
7	18 52	21 11	12 22	13 51	18 6	15 22
13	18 37	20 41	8 15	17 51	15 29	17 52
19	19 11	19 27	3 26	20 17	13 28	20 33
25	20 8	17 28	2 N 2	21 3	12 43	22 54
Days	July	August	Sept.	Octob.	Nov.	Dec.
1	24 N 13	11 N 4	3 S 0	5 N 5	15 S 37	25 S 50
7	23 57	7 9	1 35	1 43	18 56	25 33
13	22 9	3 30	1 N 49	2 S 31	21 43	24 27
19	19 13	0 19	5 16	6 53	23 51	22 53
25	15 37	2 S 2	6 34	11 8	25 15	21 20

W I N G.

A

PROGNOSTICATION,

For the Year of our

L O R D G O D, 1766.

An Explanation of the Characters made use of in
this Almanack.

The Seven Planets,
and Five Aspects.

♄ Saturn
♃ Jupiter
♂ Mars
☉ The Sun
♀ Venus
☿ Mercury
☾ The Moon
♌ Conjunction
♍ Sextile
♎ Square
♏ Trine
♐ Opposition

Aspects.

The Twelve
Signs.

♈ Aries
♉ Taurus
♊ Gemini
♋ Cancer
♌ Leo
♍ Virgo
♎ Libra
♏ Scorpio
♐ Sagittary
♑ Capricorn
♒ Aquarius
♓ Pisces

Lands surveyed, divided and inclosed, and Maps of the
same correctly delineated. Also Timber and Pole Wood
surveyed, valued and sold by *Vincent Wing* of *Pickworth*,
in the County of *Rutland*.

Wing, 1766.

A Compendious Chronology of Memorable Things
since the Creation to this present Year.

A.P.J	before Christ.		Years since.
710	4004	The Creation of the World	5770
1766	2948	Noah born	4714
2366	2348	Noah's Flood began	4114
2481	2233	The <i>Babylonian</i> Monarchy established	3999
2718	1996	Abraham born	3762
2986	1728	Joseph sold into <i>Egypt</i>	3494
3143	1571	Moses born	3337
3223	1491	The <i>Israelites</i> Departure out of <i>Egypt</i>	3257
3530	1184	Troy taken and destroyed by the <i>Greeks</i>	2950
3710	1004	Solomon's Temple built and dedicated	2770
4126	588	Jerusalem and the Temple destroyed	2354
4176	538	Daniel delivered from the Den of Lions	2304
4198	516	The Temple of Jerusalem rebuilt	2282
4391	323	The Death of <i>Alexander the Great</i>	2089
4710	4	The true Year of Christ's Birth	1770
4714	0	The vulgar Year of Christ's Birth	1766

A. D.		
33	The Passion and Resurrection of <i>Jesus Christ</i>	1733
70	Jerusalem and the Temple destroyed by <i>Titus</i>	1696
100	St. <i>John</i> , the last of the Apostles, dies Dec. 20.	1666
313	Christianity triumphs under <i>Constantine</i>	1453
476	<i>Augustulus</i> the last <i>Roman</i> Emperor deposed	1290
606	The wicked <i>Phocas</i> makes Pope <i>Boniface</i> Head of the Church	1160
608	<i>Mahomet</i> broaches his Imposture at <i>Mecca</i>	1158
872	<i>Italy</i> and <i>Rome</i> plundered by the <i>Saracens</i>	894
1012	<i>Swain</i> King of <i>Denmark</i> conquers <i>England</i>	754
1066	<i>William</i> Duke of <i>Normandy</i> conquers <i>England</i>	700
1110	Arts and Sciences taught in <i>Cambridge</i>	656
1119	The first War between the <i>French</i> and <i>English</i>	647
1300	The <i>Mariners</i> Compass invented	466
1330	The <i>Caravies</i> discovered by an <i>English</i> Ship	436
1380	Gunpowder and the Use of Guns first found out	386
1453	<i>Constantinople</i> taken from the <i>Christians</i>	313

A.D		Years since.
1463	The <i>Persians</i> conquered by <i>Tamerlane</i>	303
1500	<i>Rome</i> plundered by the Duke of <i>Bourbon</i>	266
1517	<i>Martin Luther</i> first disputed against Popery	249
1536	<i>England</i> separated from the Church of <i>Rome</i>	230
1588	The <i>Spanisb Armado</i> defeated by the <i>Englisb</i>	178
1603	<i>Q. Eliz.</i> dies, <i>March 24.</i> and <i>K. James I.</i> began	163
1604	Died of the <i>Plague</i> in <i>London</i> , in 2 Years, 68596	162
1605	<i>Gunpowder Treason</i> , <i>Nov 5.</i>	161
1613	The <i>New-River Water</i> brought to <i>London</i>	153
1618	The excellent <i>Sir Walter Raleigh</i> beheaded	148
1625	<i>K. James I.</i> died, <i>K. Charles I.</i> began, <i>Mar. 27.</i>	141
1625	35417 Persons died of the <i>Plague</i> in <i>London</i>	141
1641	The cruel <i>Irish</i> Massacre began, <i>October 23.</i>	125
1643	<i>Burleigh-House</i> stormed by <i>Cromwel</i> , <i>July 24.</i>	123
1649	<i>K. Charles I.</i> barbarously murdered, <i>January 30.</i>	117
1660	<i>K. Charles II.</i> restored, <i>May 29.</i>	106
1665	68586 Persons died of the <i>Plague</i> in <i>London</i>	101
1666	<i>London</i> burnt, and a great <i>Sea-Fight</i> with the <i>Dutch</i>	100
1672	<i>War</i> declared against the <i>Dutch</i> , <i>March 17.</i>	94
1674	A great <i>Snow</i> for 11 Days together	92
1675	The <i>Town of Northampton</i> burnt, <i>Sept. 3.</i>	91
1680	A great and splendid <i>Comet</i> appeared	86
1684	The great <i>Frost</i> that held 13 Weeks	82
1685	<i>K. Charles II.</i> died, <i>Feb. 6.</i> and <i>K. James II.</i> began	81
1685	The Duke of <i>Monmouth</i> beheaded, <i>July 15.</i>	81
1688	Seven <i>Bishops</i> sent to the <i>Tower</i> , <i>June 8.</i>	78
1688	<i>K. James II.</i> abdicated, <i>December 12.</i>	78
1689	<i>K. William</i> and <i>Q. Mary</i> crowned, <i>April 11.</i>	77
1692	The <i>French Fleet</i> entirely defeated by the <i>Englisb</i>	74
1698	<i>Whitehall Palace</i> entirely destroyed by <i>Fire</i> , except the <i>Banqueting-House</i>	68
1702	<i>K. William</i> died, <i>March 8.</i> and <i>Q. Anne</i> began	64
1702	<i>Q. Anne</i> proclaimed <i>War</i> against <i>France</i> , <i>May 4.</i>	64
1703	A great and terrible <i>Wind</i> , <i>Nov. 26</i> and <i>27.</i>	63
1704	<i>Gibraltar</i> taken by the <i>Englisb</i>	62
1707	<i>England</i> and <i>Scotland</i> united, <i>May 1.</i>	59
1709	<i>Sacheverel</i> preached his <i>seditionous Sermon</i> , <i>Nov. 5.</i>	57
1710	<i>Riots</i> and great <i>Disturbances</i> in <i>England</i>	56

A.D.		Years since.
1714	Q. Anne died, August 1. and K. George I. began	52
1715	A famous Total Eclipse of the ☉ in England, April 22. in the Morning	51
1715	A Rebellion in Scotland and Lancashire suppressed	51
1716	A great Frost in the Beginning of this Year	50
1718	The Spanish Fleet destroyed by Admiral Byng, near Syracuse, July 31.	48
1719	A surprizing Meteor seen, March 19. at 8 at Night	47
1719	Mr. Flamsteed, a celebrated Astronomer, died Dec. 31.	47
1727	The incomparable Sir Isaac Newton died, Mar. 20.	39
1727	K. George I. died, June 11. and K. George II. began	39
1734	The Battle of the Breeches in Italy, Sept. 4.	32
1736	The Prince and Princess of Wales married, Ap. 27.	30
1739	Letters of Marque published in London against the Spaniards, July 16.	27
1739	War declared by Great Britain against Spain, October 23.	27
1739	Porto-Bello taken and destroyed by Admiral Vernon, November 22.	27
1740	A very severe Frost from Dec. 25. to Feb. 27.	26
1742	A Comet appeared from Feb. 18. to Mar. 14.	24
1742	A Conjunction of ♃ and ♃ August 18. in ♏	24
1743	A splendid Comet appeared from December 23. to February 18. in ♋	23
1744	March 4. France declared War against England; and March 31. England declared War against France.	22
1745	Cape Breton taken from the French, June 16.	21
1746	The Scotch Highland Rebels defeated by his Royal Highness the Duke of Cumberland, at Culloden, near Inverness, April 16.	20
1748	A General Peace signed October 7.	18
1749	Cape Breton restored to the French	17
1750	The British Fishery established	16
1751	The Prince of Wales died, March 20.	15
1752	The Date and Calendar altered	14
1755	Lisbon destroyed by an Earthquake, Nov. 1.	11
1756	England declared War against France, May 18.	10

Wing, 1766.

A.D.		Years since.
1756	The Island <i>Minorca</i> taken by the <i>French</i> , <i>June 27.</i>	10
1757	Count <i>Brown</i> defeated by the King of <i>Prussia</i> near <i>Prague</i> , <i>May 6.</i>	9
1757	The King of <i>Prussia</i> defeated by Count <i>Daun</i> at <i>Collin</i> , <i>June 18.</i>	9
1758	The <i>French</i> defeated at <i>Crevelt</i> by Pr. <i>Ferdinand</i> , <i>June 23.</i>	8
1758	Lord <i>Howe</i> slain, <i>July 6.</i> and Gen. <i>Abercrombie</i> repulsed at <i>Ticonderago</i> , <i>July 8.</i>	8
1758	<i>Cape Breton</i> taken by the <i>English</i> , <i>July 26.</i>	8
1758	The <i>Russians</i> defeated at <i>Zorndorff</i> by the King of <i>Prussia</i> , <i>Sept. 25.</i>	8
1759	The Island of <i>Guadalupe</i> taken by Gen. <i>Barrington</i> and Commodore <i>Moore</i> , <i>May 1.</i>	7
1759	The <i>French</i> defeated at <i>Minden</i> by Pr. <i>Ferdinand</i> , <i>August 1.</i>	7
1759	The King of <i>Prussia</i> defeated at <i>Cunnersdorff</i> by the Count <i>de Soltikoff</i> , <i>August 12.</i>	7
1759	Gen. <i>Wolfe</i> slain, though victorious, <i>Sept. 13.</i> and <i>Quebec</i> taken <i>Sept. 18.</i> by Gen. <i>Townsbend.</i>	7
1760	<i>Montreal</i> taken by Gen. <i>Amberst</i> , <i>Sept. 8.</i>	6
1760	K. <i>George II.</i> died, <i>Oct. 25.</i> and K. <i>George III.</i> began his Reign.	6
1761	<i>Pondicherry</i> taken by Col. <i>Coote</i> , <i>Jan. 15.</i>	5
1761	K. <i>George III.</i> married Q. <i>Charlotte</i> , <i>Sept. 8.</i>	5
1761	K. <i>George III.</i> crowned, <i>Sept. 22.</i>	5
1762	The Island of <i>Martinico</i> taken by Gen. <i>Monckton</i> and Adm. <i>Rodney</i> , <i>Feb. 14.</i>	4
1762	<i>George Prince of Wales</i> born, <i>August 12.</i>	4
1762	The <i>Havannah</i> taken by Lord <i>Albemarle</i> and Sir <i>George Pocock</i> , <i>August 12.</i>	4
1763	A general Peace in all <i>Europe.</i>	3
1763	Pr. <i>Frederick</i> , Bishop of <i>Osnaburgh</i> , born <i>Aug. 16.</i>	3
1765	Prince <i>William-Henry</i> born <i>August 21.</i>	1

Wing, 1766.

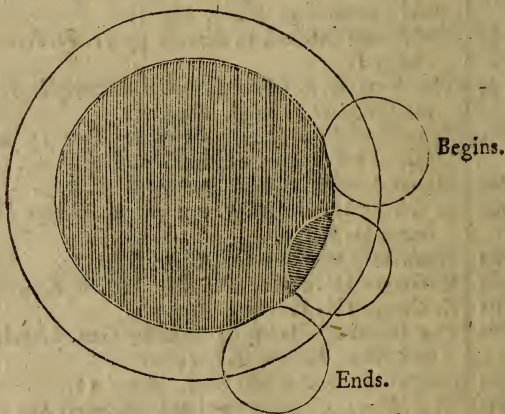
Of the Eclipses of the Sun and Moon this Year 1766.

THIS Year will produce four Eclipses, *viz.* two of each Luminary; and will happen in the following Order:

The first is an Eclipse of the Sun, and will happen on *Shrove-Sunday*, the 9th Day of *February*, near our Noon; but will be invisible to us, and all these Parts of the Globe.

The second is a small Eclipse of the Moon, and will happen on *Monday* the 24th Day of *February*; and will be visible to us and all *Europe*, and to most Parts of *Asia* and *Africa*.

The Type for London.



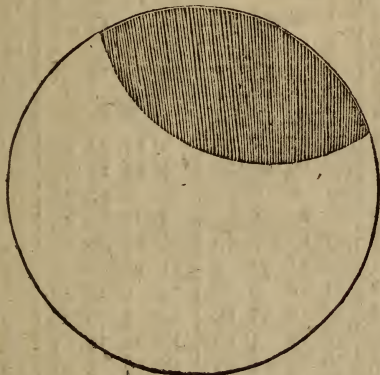
	London.			York.			Edinburgh			} Feb. 24, Aftern. apparent Time.
	h.	m.	f.	h.	m.	f.	h.	m.	f.	
The Beginning	6	27	22	6	22	55	6	14	9	
Middle - - -	7	36	0	7	31	33	7	22	47	
Ecliptic \oslash - -	7	45	20	7	40	53	7	32	7	
End - - -	8	44	38	8	40	11	8	31	25	
Duration - - -	2	17	16	2	17	16	2	17	16	
Digits eclipsed	4°	11'	46"	4°	11'	46"	4°	11'	46"	

The

Wing, 1766.

The third Eclipse is of the Sun, and will happen on *Tuesday* the 5th Day of *August*; and will be visible to us, and the greatest Part of *Europe*. This Eclipse will be Central and Annular in several Parts of *North-America*; and at *Quebec*, in *Canada*, the Sun will be near 11 Digits eclipsed. The Time and Quantity of this Eclipse (it is expected) will nearly agree with the following Type and Calculation, adapted to the Meridian and Latitude of *London*.

The Type.



	h.	m.	s.	
The Eclipse begins	5	25	48	}
Middle - - - -	6	19	38	
Visible ☉ - - -	6	25	48	
Ends - - - - -	7	9	33	
Duration - - -	1	43	45	
Digits eclipsed - -	4	50	0''	

August 5th, *Aftern.*
apparent Time.

The fourth and last Eclipse is of the Moon, on the 20th Day of *August*, near our Seven in the Morning, but invisible to us, and all *Europe*: But, in several Parts of *America*, the Moon will be near 7 Digits eclipsed.

Wing, 1766.

A Table of the Eclipses of *Jupiter's* First Satelles, reduced to correct or apparent Time, 1766.

<i>January.</i>				<i>February.</i>				<i>April.</i>				<i>June.</i>			
Immerfions.				Emerfions.				Emerfions.				Emerfions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
2	6	56	38	26	5	48	8	20	8	22	9	12	10	41	26
4	1	24	16	28	0	17	2	22	2	51	10	14	5	9	41
5	19	51	56	<i>March.</i>				23	21	20	9	15	23	37	56
7	14	19	38	1	18	45	59	25	15	49	8	17	18	6	10
9	8	47	20	3	13	14	59	27	10	18	6	19	12	34	24
11	3	15	4	5	7	44	1	29	4	47	3	21	7	2	38
12	21	42	50	7	2	13	4	30	23	15	58	23	1	30	52
14	16	10	37	8	20	42	8	<i>May.</i>				24	19	59	5
16	10	38	26	10	15	11	13	2	17	44	52	26	14	27	19
18	5	6	19	12	9	40	20	4	12	13	45	28	8	55	34
19	23	34	16	14	4	9	29	6	6	42	36	30	3	23	49
21	18	2	16	15	22	38	39	8	1	11	25	<i>July.</i>			
23	12	30	19	17	17	7	50	9	19	40	12	1	21	52	5
25	6	58	26	19	11	37	3	11	14	8	57	3	16	20	22
27	1	26	35	21	6	6	16	13	8	37	41	5	10	48	40
28	19	54	47	23	0	35	29	15	3	6	23	7	5	16	58
30	14	23	2	24	19	4	42	16	21	35	3	8	23	45	17
<i>February.</i>				26	13	33	55	18	16	3	41	10	18	13	35
1	8	51	21	28	8	3	7	20	10	32	17	12	12	41	55
3	3	19	44	30	2	32	19	22	5	0	50	14	7	10	16
4	21	48	10	31	21	1	31	23	23	29	18	16	1	38	39
Emerfions.				<i>April.</i>				25	17	57	45	17	20	7	3
6	18	32	32	2	15	20	43	27	12	26	10	<i>Jupiter near the Sun.</i>			
8	13	0	57	4	9	59	54	29	6	54	33	<i>October.</i>			
10	7	29	26	6	4	29	5	31	1	22	57	Immerfions.			
12	1	57	58	7	22	58	16	<i>June.</i>				1	20	34	22
13	20	26	35	9	17	27	26	1	19	51	20	3	15	3	23
15	14	55	16	11	11	56	35	3	14	19	44	5	9	32	22
17	9	24	1	13	6	25	44	5	8	48	8	7	4	1	20
19	3	52	48	15	0	54	52	7	3	16	29	8	22	30	16
20	22	21	36	16	19	24	0	8	2	44	49	10	16	59	10
22	16	50	25	18	13	53	6	10	16	13	8				
24	11	19	16												

Wing, 1766.

October.				November.				November.				December.			
Immersions.				Immersions.				Immersions.				Immersions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
12	11	28	1	2	17	11	37	23	22	49	0	11	15	25	55
14	5	56	50	4	11	40	1	25	17	16	49	13	9	53	28
16	0	25	36	6	6	8	22	27	11	44	36	15	4	21	0
17	18	54	20	8	0	36	41	29	6	12	22	16	22	48	31
19	13	23	3	9	19	4	57	<i>December.</i>				18	17	16	1
21	7	15	45	11	13	33	10					20	11	43	31
23	2	20	25	13	8	1	20	1	0	40	6	22	6	11	0
24	20	49	3	15	2	29	25	2	19	7	48	24	0	38	30
26	15	17	39	16	20	57	26	4	13	35	29	25	19	6	0
28	9	46	12	18	15	25	24	6	8	3	8	27	13	33	31
30	4	14	43	20	9	53	18	8	2	30	45	29	8	1	2
31	22	43	11	22	4	21	10	9	20	58	21	31	2	28	33

The Times of the Eclipses contained in this Table are adapted to the Meridian of the Royal Observatory near *London*; and by carefully observing the Times of the Immersions and Emerfions of this Satellite, which is the most convenient and proper for Geographical Purposes of any of the other three, the Longitude or Difference of the Meridian of the Place where the Observation is made, and the Place the Eclipses are calculated for, may be exactly discovered; and is the most correct and practical Method ever yet hit upon: notwithstanding the many whimsical, and some ingenious Ways, invented for that Purpose, by several Persons who have spent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thousand Pounds offered by Parliament, for a practical Method of solving that grand Problem with Certainty, but hitherto to no Effect. It is also much more easy and correct to find the Difference of Meridians by this Method, than by the Eclipses of the Moon, not only on Account of their more frequent happening, but because the Motion and Times of these Immersions and Emerfions are more easily observed, than the Times of the Beginning and End of a Lunar Eclipse; because the Time of the Moon's Ingress into the Shadow of the Earth, and her Egress out of it, is not easily distinguished from that of the Penumbra.

I shall

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I shall illustrate the Use of the Table by an Example.

Suppose, on the 6th Day of *December*, this Year, the Time of the Immerfion of *Jupiter's* first Satelles be observed (by a Telescope) in an unknown Meridian, to happen at 15 Minutes, 40 Seconds past 10 at Night: I find by the Table, that the Time of this Immerfion will be (at the *British* Observatory) at 3 Minutes, 8 Seconds after 8 the same Night: The Difference of the Times is 2 Hours, 12 Minutes, 32 Seconds; which being converted into Degrees and Minutes of the Equator, will make 33 Degrees, 8 Minutes, the Longitude of the Place of Observation to the East; because the Time is more than that at the *British* Observatory.

See the Operation.

	H.	M.	S.
Immerfion at the Place of Observation,	10	15	40
Immerfion at the Observatory, - - -	8	3	8
	<hr/>		
The Difference in Time is - - - -	2	12	32
In Degrees of the Equator - - - -	33	8	0 East.

A Table

A Table of the Equation of natural Days, exactly calculated for the Year 1766.

D.	Janu.	Febr.	March.	April.	May.	June.
1	4S. 15	14S. 11	12S. 44	3S. 59	3A. 8	2A. 43
2	4 44	14 18	12 32	3 41	3 16	2 34
3	5 12	14 24	12 19	3 23	3 23	2 25
4	5 39	14 29	12 6	3 5	3 29	2 15
5	6 5	14 34	11 52	2 47	3 35	2 5
6	6 31	14 38	11 38	2 30	3 40	1 54
7	6 57	14 42	11 23	2 12	3 45	1 43
8	7 22	14 44	11 8	1 54	3 49	1 32
9	7 47	14 45	10 53	1 37	3 53	1 21
10	8 12	14 46	10 37	1 20	3 56	1 9
11	8 36	14 46	10 21	1 3	3 58	0 57
12	8 59	14 46	10 5	0 47	4 0	0 45
13	9 22	14 45	9 48	0 31	4 1	0 33
14	9 44	14 43	9 31	0 15	4 2	0 21
15	10 5	14 40	9 13	0A. 1	4 2	0 9
16	10 25	14 36	8 55	0 16	4 2	0S. 4
17	10 45	14 31	8 37	0 30	4 1	0 17
18	11 4	14 25	8 19	0 43	4 0	0 29
19	11 23	14 19	8 1	0 57	3 58	0 42
20	11 41	14 12	7 43	1 10	3 55	0 55
21	11 58	14 5	7 24	1 23	3 51	1 8
22	12 14	13 57	7 5	1 36	3 47	1 21
23	12 29	13 49	6 46	1 49	3 43	1 33
24	12 43	13 40	6 28	2 1	3 38	1 46
25	12 57	13 30	6 9	2 12	3 33	1 59
26	13 10	13 19	5 50	2 22	3 27	2 12
27	13 23	13 8	5 31	2 32	3 21	2 25
28	13 35	12 56	5 13	2 42	3 14	2 37
29	13 46		4 54	2 51	3 7	2 49
30	13 56		4 36	3 0	2 59	3 1
31	14 4		4 17		2 51	

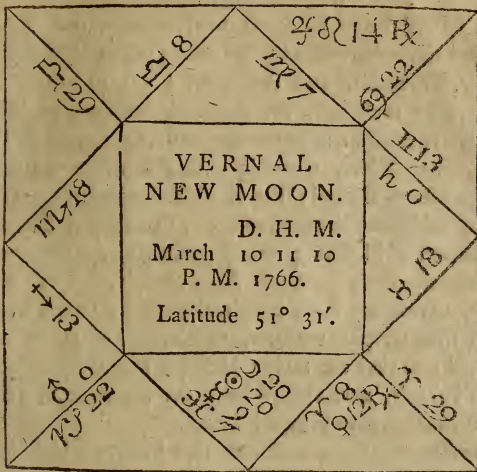
If the equal Time be given; add to, or subtract the tabular Numbers from it, as directed by the Table, the Sum or Difference will be the correct or apparent Time.

Wing, 1766.

A Table of the Equation of natural Days, exactly calculated for the Year 1766.

D.	July.	August.	Sept.	October.	Nov.	Dec.
1	3 ^{S.} 13	5 ^{S.} 49	0 ^{A.} 19	10 ^{A.} 26	16 ^{A.} 14	10 ^{A.} 32
2	3 25	5 45	0 38	10 45	16 14	10 8
3	3 36	5 41	0 57	11 3	16 14	9 44
4	3 47	5 36	1 16	11 21	16 13	9 19
5	3 57	5 30	1 35	11 38	16 11	8 54
6	4 7	5 23	1 55	11 55	16 8	8 28
7	4 17	5 16	2 15	12 11	16 5	8 2
8	4 26	5 9	2 35	12 27	16 1	7 36
9	4 35	5 1	2 55	12 42	15 56	7 9
10	4 44	4 53	3 15	12 58	15 50	6 42
11	4 52	4 44	3 35	13 14	15 43	6 14
12	5 1	4 35	3 56	13 29	15 35	5 46
13	5 9	4 25	4 17	13 44	15 26	5 18
14	5 16	4 15	4 38	13 58	15 16	4 49
15	5 22	4 4	5 0	14 11	15 5	4 20
16	5 28	3 52	5 21	14 24	14 54	3 50
17	5 33	3 39	5 42	14 36	14 42	3 20
18	5 38	3 26	6 3	14 48	14 29	2 50
19	5 42	3 12	6 24	14 59	14 16	2 20
20	5 46	2 58	6 45	15 9	14 1	1 50
21	5 49	2 44	7 6	15 19	13 45	1 20
22	5 52	2 29	7 26	15 28	13 29	0 10
23	5 54	2 14	7 47	15 36	13 12	0 20
24	5 56	1 59	8 7	15 43	12 54	0 ^{S.} 11
25	5 57	1 43	8 27	15 48	12 36	0 41
26	5 57	1 27	8 47	15 54	12 18	1 11
27	5 57	1 10	9 7	16 0	11 59	1 41
28	5 57	0 53	9 26	16 5	11 39	2 10
29	5 56	0 36	9 46	16 9	11 17	2 39
30	5 54	0 18	10 6	16 11	10 55	3 8
31	5 52	0 ^{A.} 0		16 13		3 37

If the correct or apparent Time be given; add to, or subtract the tabular Numbers from it, contrary to the Directions of the Table; the Sum or Difference will be the equal Time.



THE Vernal or Spring Quarter begins this Year on the 20th Day of *March*, 4 Minutes past 2 in the Afternoon: But, for some Reasons formerly given in this Almanack, I shall have a more special Regard to the Time of the Lunation next preceding this Ingress, as a proper Basis for the ingenious Artift to raise a Judgment on this Year's Revolution.

Wing, 1766.

Of the EQUATION of TIME.

‘ ALTHO’ Time be in its own Nature a real Quantity,
‘ A as being endowed with the chief Properties of Quantity,
‘ Equality, Inequality and Proportion; yet to measure this
‘ Quantity, we must have the Aid and Assistance of Motion,
‘ as a Measure to estimate and compare the Quantities of Time;
‘ and therefore Time, when it is considered as measurable,
‘ marks out some Motion: For if all Things were at rest, we
‘ could by no Means know the Flux or Quantity of Time, and
‘ the Duration of all Things would go on without Perception:

‘ But because Time constantly flows equally, and in the same
‘ Manner, to measure it we must make use of such a Motion,
‘ as is in itself simple, uniform, and always going on at the
‘ same Rate; so that the Body which has this Motion, at least
‘ as to its Periods, may always keep the same Force, and yet
‘ go thro’ equal Spaces in equal Times.

‘ For common Use we must take that Motion which is most
‘ remarkable, evident to every body, and plain to common
‘ Sense; such is the Motion of the Stars, and chiefly of the
‘ Sun and Moon, which not only by the common Consent of
‘ all Mankind are agreed upon for this Effect, but by the
‘ Almighty and Wise Creator of the Universe are established
‘ for this Purpose: For in the Scriptures we read that God said,
‘ Let there be Lights in the Firmament of the Heavens, to
‘ divide the Day from the Night; and let them be for Signs
‘ and for Seasons, and for Days and Years. And therefore by
‘ the celestial Motions, and chiefly by that of the Sun, are the
‘ Times rightly distinguished and marked out. Who therefore
‘ dare say that the Sun will not tell us Truth! The Astronomers
‘ are the bold Men who tell us so; for they, by their nice
‘ Search into Things, have found that the Sun’s apparent
‘ Motion is no Ways equal; they observe that he now and
‘ then

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‘ then slackens his Pace, and afterwards quickens it again;
‘ and therefore equal Time; which goes on always at the same
‘ Rate, cannot truly be measured by the Sun’s Motion.

‘ Hence the Time which the Sun’s Motion shews, and which
‘ is called the apparent Time, is different from that Time
‘ which flows uniformly and always at the same Rate, which
‘ is called by the Astronomers the true and equal Time, accord-
‘ ing to which all the celestial Motions are to be estimated,
‘ regulated and settled. For upon the Account of the unequal
‘ Motion of the Sun, and the Obliquity of the Ecliptic to the
‘ Equator, we have neither Days nor Hours perfectly equal.’

F I N I S.

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