1760

Wing

Ὀλύμπια Δώματα.

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD 1760.

Being the BISSEXTILE, or LEAP-YEAR.

And from the World's Creation, 5764.

Wherein is contained the Lunations, Conjunctions, 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 University) whose Latitude is 52 deg. 40 min. fitting all the middle Counties of *ENGLAND*, and without sensible Error the whole Kingdom.

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

By TYCHO WING, *Philomath.*

LONDON:

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Common Notes for the Year 1760.

The Golden Number	13
Epact	12
Cycle of the Sun	4
Dominical Letters	F E
Roman Indiction	8
Number of Direction	16

A Table of Terms and their Returns.

Hilary Term begins January 23, ends February 12.

Returns or Essoign-days.		E.	R.	A.	W. D
In eight days of St. Hilary,	Jan. 20	21	22	23	Wedn
From the day of St. Hilary, in 15 days	27	28	29	30	Wedn.
On the Morrow of the Purif. Bleff. Ma	Feb. 3	4	5	6	Wedn
In eight days of the Purif. of Bleff. Mary,	9	10	11	12	Tuesd.

Easter Term begins April 23, ends May 19.

From the day of Easter in 15 Days,	April 20	21	22	23	Wedn.
From the day of Easter in 3 Weeks,	27	28	29	30	Wedn.
From the day of Easter in 1 Month,	May 4	5	6	7	Wedn.
From the day of Easter in 5 Weeks,	11	12	13	14	Wedn
On the Morrow of the Ascension,	16	17	18	19	Mond.

Trinity Term begins June 6, ends June 25.

On the Morrow of the Holy Trinity,	June 2	3	4	6	Friday
In eight days of the Holy Trinity,	8	9	10	11	Wedn.
From the da. of the Holy Trin. in 15 Days	15	16	17	18	Wedn.
From the day of the Holy Trin. in 3 Weeks	22	23	24	25	Wedn.

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

On the Morrow of All Souls,	Nov. 3	4	5	6	Thurf.
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, That the firſt and laſt Days of every Term, are the firſt and laſt Days of Appearance.

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. 28 D. a Month.			Number of Years expired since they began to Reign.	
Kings Names	began to reign	Y.	M.	D.	Beg	Kings Names.
William I.	1066 Oct. 14	20	11	22	694	William 1
William II.	1087 Sept. 9	12	11	18	673	William 2
Henry I.	1100 Aug. 1	35	4	12	660	Henry 1
Stephen	1135 Dec. 2	18	11	19	625	Stephen
Henry II.	1154 Oct. 25	34	9	2	606	Henry 2
Richard I.	1189 July 6	9	9	22	571	Richard 1
John	1199 April 6	17	7	1	561	John
Henry III.	1216 Oct. 19	56	1	1	544	Henry 3
Edward I.	1272 Nov. 16	34	8	9	488	Edward 1
Edward II.	1307 July 7	19	7	6	453	Edward 2
Edward III.	1327 Jan. 25	50	5	7	433	Edward 3
Richard II.	1377 June 21	22	3	16	383	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	361	Henry 4
Henry V.	1413 Mar. 20	9	5	24	347	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	338	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	299	Edward 4
Edward V.	1483 April 9	0	2	18	277	Edward 5
Richard III.	1483 June 22	2	2	5	277	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	275	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	251	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	213	Edward 6
Q. Mary I.	1553 July 6	5	4	22	207	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44	4	15	202	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	157	James 1
Charles I.	1625 Mar. 27	23	11	1	135	Charles 1
Charles II.	1649 Jan. 30	36	0	7	111	Charles 2
James II.	1685 Feb. 6	4	0	17	75	James 2
Will. 3. & M	1689 Feb. 13	13	0	14	71	William 3
Q. Anne	1702 Mar. 8	12	5	6	58	Q. Anne
George I.	1714 Aug. 1	12	11	6	46	K. George 1
George II.	1727 June 11	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 1760.

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

Note, The Moon, or any Star, is said to be South, when they appear in that Quarter of the Heavens in which the Sun is at Noon-day, which for the Moon this Table will direct

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 1760.

Days	July.		Aug.		Sept.		Oct.		Nov.		Dec.	
	h.	m.	h.	m.	h.	m.	h.	m	h.	m.	h.	m.
1	2M	9	3M	18	4M	40	5M	38	7M	28	7M	58
2	2	58	4	5	5	35	6	39	8	17	8	20
3	3	48	4	53	6	33	7	39	9	2	9	1
4	4	35	5	43	7	34	8	34	9	45	9	42
5	5	22	6	37	8	36	9	26	10	26	10	24
6	6	10	7	33	9	35	10	13	11	8	11	8
7	6	58	8	33	10	29	10	59	11	51	11	56
8	7	50	9	30	11	21	11	43	0A	34	0A	43
9	8	45	10	39	0A	9	0A	25	1	20	1	33
10	9	44	11	37	0	54	1	8	2	7	2	24
11	10	48	0A	32	1	37	1	50	2	56	3	13
12	11	51	1	22	2	21	2	35	3	47	4	1
13	0A	53	2	9	3	3	3	22	4	38	4	49
14	1	51	2	54	3	46	4	9	5	27	5	35
15	2	43	3	36	4	33	5	0	6	15	6	19
16	3	31	4	19	5	20	5	52	7	3	7	6
17	4	16	5	2	6	8	6	44	7	50	7	53
18	4	59	5	46	6	58	7	36	8	37	8	43
19	5	41	6	32	7	53	8	24	9	26	9	36
20	6	22	7	20	8	46	9	13	10	16	10	35
21	7	5	8	10	9	38	10	2	11	10	11	39
22	7	49	9	3	10	28	10	51	Morn.		Morn.	
23	8	35	9	56	11	18	11	43	0	9	0	45
24	9	23	10	48	Morn.		Morn.		1	12	1	50
25	10	15	11	40	0	9	0	36	2	16	2	51
26	11	8	Morn.		0	58	1	33	3	20	3	45
27	Morn.		0	30	1	48	2	32	4	21	4	35
28	0	1	1	20	2	42	3	33	5	17	5	21
29	0	51	2	8	3	39	4	36	6	8	6	4
30	1	42	2	56	4	37	5	38	6	55	6	46
31	2	30	3	48			6	35			7	26

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.

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 Ports 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.
Portſmouth, Queenborough, Southampton,	0	00
Rocheſter, Winchelſea, Fluſhing,	0	45
Downs, Graveſend, Ramkins, Guernſey,	1	30
Denbigh, Bell-Iſle, Holy-Iſle, Downs-Road,	2	15
London, Tinmouth, Whitby, Hartlepool,	3	00
Scarborough, Berwick, Fluſhings, Staples,	3	45
Flamborough, Humber, Bridlington-Bay,	4	30
Plymouth, Ramſey, Newcaſtle, Severn,	5	15
Lynn, Foſdyke, Hull, Weymouth, Dartmouth, Croſs-keys,	6	00
Boſton, Start-Point, Foulneſs, Briſtol-Key,	6	45
Bridgwater, Milford-Haven, Lizard, Wintertown,	7	30
Yarmouth, Iſle of White, the Needles,	8	15
Iſle of Man, Orkney, Pool, South-Foreland,	9	10
Dover, Harwich, Orfordneſs, Bullein,	10	10
Rye, Solebay, Margate-Road,	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 fifth 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 5th 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 1760.

Full Moon the 2d day, at 5 in the afternoon.
Laſt Quarter the 10ſt day, at 6 in th emorn.
New Moon the 18th day, at 7 in the morn.
Firſt Quarter the 25th day, at 8 in the morn.

Days	Jupiter ſets.	Venus riſes
1	5 A 28	4M 0
6	5 13	4 4
11	4 58	4 9
16	4 43	4 15
21	riſes.	4 21
26	7M 38	4 29

M D	W D	Holy-Days, Riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	T	Circumciſion	6M 4c	24 ♓ 29	23N 5	
2	W		☽ riſes.	8 ♉ 52	24 14	☌ ☉ ♄ Mild
3	T	Sun riſes 8 8	4A 47	23 0	23 46	for the Seaſon.
4	F	Sun ſets 3 53	5 59	6 ♌ 49	21 50	☍ ☉ ♀
5	S	Old Chriſt. Day	7 15	20 17	18 43	✶ ♄ ☿
6	S	2 Sun. aft. Chri.	8 32	3 ♍ 22	14 46	Epiphany.
7	M		9 41	16 6	10 14	
8	T	Lucian	10 50	28 30	5 25	✶ ♅ ♀
9	W	Day break 5 55	11 59	10 ♎ 39	0 28	
10	T		Morn.	22 38	4 S 24	
11	F	Twilight 2 8	1 6	4 ♏ 30	9 7	Wind and
12	S	Old N. Year. da.	2 12	16 20	13 28	ſharp froſty Air
13	S	1 Sun. af. Epiph.	3 19	28 14	17 20	Hilary.
14	M	O. & C. Term b.	4 27	10 ♐ 15	20 31	but not much
15	T	Sun riſes 7 56	5 35	22 27	22 50	Downfall.
16	W	Sun ſets 4 5	6 38	4 ♑ 54	24 6	
17	T	Old Twelft. day	7 33	17 37	24 7	△ ☉ ☌
18	F	Priſca Virgin	☽ ſets	0 ♒ 37	22 52	Dull, cloudy
19	S	Cloc. faſt 11 m	5 A 27	13 54	20 19	□ ♄ ♀ Wea-
20	S	2 S. aft. Epiph.	6 47	27 27	16 36	ther with Snow
21	M	Agnes Virg.	8 6	11 ♓ 11	12 0	or Rain.
22	T	Vincent	9 25	25 6	6 47	
23	W	Term begins	10 46	9 ♈ 7	1 2	
24	T		Morn.	23 12	4N 44	
25	F	Conve. St. Paul	0 7	7 ♉ 20	10 17	☌ ☉ ♆
26	S	Daybreak 5 38	1 29	21 28	15 16	Frothy, fair and
27	S	3 S. aft. Epiph.	2 51	5 ♊ 36	19 27	pleaſant Wea-
28	M	Sun riſes 7 37	4 12	19 42	22 27	ther at the
29	T	Sun ſets 4 25	5 27	3 ♋ 44	24 4	✶ ♄ ☿ End.
30	W	K. Char. I. M.	6 30	17 39	24 9	
31	T		7 19	1 ♌ 24	22 45	

Wing.	Days	Saturn. ♄	Declin.	Jupiter. ♃	Declin.	Mars. ♂	Declin.	Venus. ♀	Declin.
	1	11 14	9 S 11	29 12	20 S 48	23 22	5N 15	24 0	18 S 21
	6	11 38	9 1	0♒21	20 34	24 38	4 52	28 54	16 29
Jan.	11	12 5	8 50	1 32	20 18	25 42	4 34	4♌ 0	17 34
1760.	16	12 23	8 39	2 43	20 3	26 31	4 21	9 14	18 34
	21	13 4	8 27	3 45	19 47	27 5	4 15	14 36	19 28
	26	13 36	8 13	5 5	19 31	27 23	4 16	20 5	20 12

M D	Sun's Place.	Sun's Declin.	Observations.
1	10♑39	23 S 3	
2	11 40	22 58	Day increaſed 8 minutes.
3	12 41	22 53	Seven Stars ſouth 37 min. paſt 8 at night.
4	13 42	22 47	
5	14 43	22 40	Now Skins of Beaſts the rude Barbarians wear,
F	15 45	22 33	The Spoils of Foxes, and the furry Bear.
7	16 46	22 26	
8	17 47	22 18	Venus's greateſt Matutine Elong. from the
9	18 48	22 10	Sun 46° 52′, riſes 3 h. 53 m. beſ. him.
10	19 49	22 1	Day increaſed 22 minutes.
11	20 50	21 52	
12	21 51	21 42	☽ in Apogeo, fartheſt from the earth.
F	22 53	21 32	Day 8 hours 2 minutes long.
14	23 54	21 22	Oxford and Cambridge Term begin.
15	24 55	21 11	
16	25 56	21 0	
17	26 57	20 48	Mars riſes 29 min. after 8 at night.
18	27 58	20 36	Saturn ſets 19 min. after 8 at night.
19	28 59	20 24	
F	♒ 0	20 11	Sun enters ♒ 44 min. paſt 11 in the morn
21	1 1	19 58	Apparent Time.
22	2 2	19 45	Mercury riſes 10 min. paſt 6 in the morn.
23	3 3	19 31	
24	4 4	19 16	
25	5 5	19 2	☽ in Perigeo, neareſt to the earth.
26	6 6	18 47	Mercury's greateſt Veſpertine Elong. from
F	7 7	18 32	the Sun 25° 0′, riſes 1 h. 24 m. beſ. him.
28	8 8	18 16	Sirius ſouth 51 min. after 9 at night.
29	9 9	18 0	
30	10 10	17 44	Mercury riſes 14 min. after 6 in the morn.
31	11 11	17 27	

February 1760.

Full Moon the 1st day at 7 in the morn.
Last Quarter the 9th day at 3 in the morn.
New Moon the 16th day at 9 at night
First Quarter the 23d day at 3 in the aftern

Day	Jupiter rises.		Venus rises.	
1	7	M 17	4	A 37
6	7	0	4	43
11	6	43	4	47
16	6	27	4	53
21	6	10	4	57
26	5	53	4	59

M D	W D	Holy-days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	Circ. fast 14 m.	4 A 42	☊ 4 ♌ 56	20 N 3	
2	S	Purif. V. Mary	6 0	28 13	16 21	Cold Winds,
3	S	Septuagesima	7 13	11 ♍ 11	11 56	Blaze. with
4	M	Daybreak 5 25	8 25	23 52	7 7	Snow or Rain.
5	T	Agatha	9 34	6 ♎ 17	2 7	
6	W		10 43	18 26	2 S 52	
7	T	Sun rise 7 20	11 50	0 ♏ 25	7 42	
8	F	Sun set 4 42	Morn.	12 17	12 12	Sharp frosty
9	S	Twilight 1 59	0 58	24 6	16 13	Weather for se-
10	S	Sexagesima	2 5	5 ♐ 59	19 39	veral Days.
11	M	Circ. fast 15 m.	3 13	18 1	22 16	
12	T	Term ends	4 20	0 ♑ 16	23 52	
13	W	Old Candl. Day	5 18	12 49	24 21	
14	T	Valentine	6 9	25 43	23 32	
15	F	Sun rises 7 5	6 56	8 ♒ 59	21 25	
16	S	Sun sets 4 57	☽ sets.	22 38	18 0	Cold Winds,
17	S	Shrove Sunday	5 A 44	6 ♓ 37	13 33	☌ ♃ ☿ wet
18	M	Daybreak 5 2	7 6	20 51	8 15	✶ ♄ ☿ and
19	T	Shrove Tuesday	8 29	5 ♈ 14	2 28	stormy Wea-
20	W	Ash-Wednesda.	9 53	19 40	3 N 27	ther.
21	T		11 17	☊ 4 ♉ 3	9 14	
22	F	Sun rise 6 52	Morn.	18 20	14 26	
23	S	Sun sets 5 10	0 39	2 ♊ 26	18 48	
24	S	1 Sun. in Lent	2 0	16 24	22 4	St. Matthias. ♃
25	M	Twilight 1 56	3 18	0 ♋ 12	23 58	Pleasant (☌ ☿
26	T		4 24	13 51	24 25	Weather, the
27	W	Ember Week	5 17	27 20	23 25	Season consi-
28	T	Daybreak 4 45	5 57	0 ♌ 40	21 5	dered.
29	F	Clock fast 13 m.	6 20	3 49	17 40	

Wing.	☽	Saturn. ♑	Declin.	Jupiter. ♒	Declin.	Mars. ♏ R.	Declin.	Venus. ♐	Declin.
	1	14 14	7 S 58	6 3	19 S 10	27 20	4N 25	26 46	20 S 51
	6	14 47	7 44	7 41	18 52	26 56	4 40	27 2	21 10
Feb.	11	15 22	7 31	8 52	18 33	26 12	5 4	8 8	21 14
760.	16	15 58	7 17	10 2	18 16	25 9	5 33	13 54	21 6
	21	16 34	7 3	11 11	17 57	23 49	6 9	19 43	20 45
	26	17 10	6 49	12 19	17 39	22 13	6 49	25 34	20 6

D	Sun's Place.		Sun's Declin.	
1	12	♒ 12	17 S	10
2	13	12	16	53
F	14	13	16	36
4	15	14	16	18
5	16	15	16	0
6	17	16	15	41
7	18	16	15	23
8	19	17	15	4
9	20	18	14	45
F	21	18	14	26
11	22	19	14	6
12	23	20	13	46
13	24	20	13	26
14	25	21	13	6
15	26	21	12	45
16	27	22	12	25
F	28	22	12	4
18	29	23	11	43
19	♓	23	11	21
20	1	24	11	0
21	2	24	10	38
22	3	24	10	17
23	4	25	9	55
F	5	25	9	33
27	6	25	9	10
26	7	25	8	48
27	8	25	8	26
28	9	26	8	3
29	10	26	7	40

Observations.

Hope of all Ills that Men endure,
The only cheap and universal Cure:
The Captives Freedom and the sick Man's
Health,
The Loser's Victory & the Beggar's Wealth.

Procyon south 2 min. past 10 at night.
☽ in Apogeo, furthest from the earth.

Day 9 hours 32 minutes.
Saturn sets 55 min. after 6 at night.
Day increased ♊ hours 4 minutes.
Mars rises half an hour past 7 at night.

Capella south 3 min. after 7 at night.
Saturn sets 39 min. past 6 at night.
Day 9 hours 58 minutes.

Sun enters ♓, 35 m. past 2 in the morn.
Mars rises 53 min. after 6 at night.
☽ in Perigeo and nearest to the earth.
Procyon south 4 min. after 9 at night.

Day increased 7 hours 50 minutes.
Sirius south 1 min. past 8 at night.
Saturn sets 8 min. after 6 at night.
Mars rises 14 min. past 6 at night.
Castor south 34 min. after 8 at night.

March 1760.

Full Moon the 1st day, at 9 at night.
Last Quarter the 9th day, at midnight.
New Moon the 17th day, at 8 in the morn.
First Quarter the 23d day, at midnight.
Full Moon the 31st Day at 1 in the afternoon

Days	Jupiter rises.	Venus rises.
1	5M40	4M5
6	5 25	4 5
11	5 9	4 5
16	4 53	4 5
21	4 37	4 4
26	4 22	4 4

M D	W D	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S	David	6M52	6♍46	13 N30	
2	E	2 Sun. in Lent	☽ rises.	19 30	8 45	Chad
3	M	Sun rises 6 34	7 A20	2♎ 0	3 44	Moderate for
4	T	Sun sets 5 28	8 30	14 17	1 S20	some Days.
5	W	Prs. Heſſe born	9 39	26 24	6 17	
6	T	Day break 4 32	10 48	8♏20	10 57	
7	F	Perpetua	11 55	20 10	15 10	☌ ♄ ☌ Now
8	S		Morn.	1♐59	18 49	☌ ☉ ♄ ☌ ☍ ☾
9	E	3 Sun. in Lent	1 3	13 51	21 42	tormy and
10	M	Twilight 1 57	2 10	25 50	23 39	☌ ♄ ☿ ☌ ☌ ☽
11	T	Cl. faſt 10 min.	3 11	8♑ 4	24 32	tempeſtuous
12	W	Gregory	4 5	20 37	24 12	Weather may
13	T		4 50	3♒33	22 34	☌ ☉ ☿ be ex
14	F	Sun rise 6 12	5 25	16 56	19 38	☌ ☿ ♀ pected
15	S	Sun sets 5 50	5 53	0♓46	15 33	
16	E	Midlent Sunda.	6 17	15 2	10 27	
17	M	St. Patrick	☽ ſets	29 38	4 41	
18	T	Edw. K. W.S.	7 A36	14♈27	1 N26	Windy and dr
19	W	Prs. Louiſa bo	9 3	29 20	7 32	Weather for
20	T		10 30	14♉ 7	13 9	ſome Time.
21	F	Benedict	11 56	28 44	18 0	
22	S	Day break 3 57	Morn.	13♊ 3	21 39	
23	E	Paſſion Sunday	1 17	27 5	23 55	
24	M	Twilight 1 59	2 27	10♋49	24 41	
25	T	Lady-Day	3 24	24 17	23 58	Pr. Edward bo
26	W		4 8	7♌31	21 56	✶ ☿ ☿ 25th
27	T	Sun riſe 5 46	4 40	20 32	18 45	Briſk Winds
28	F	Sun ſet 6 16	5 7	3♍20	14 46	Cam. Ter. ends
29	S	Cloc. faſt 5 m.	5 26	15 58	10 9	Ox. Term ends
30	E	Palm Sunday	5 43	28 24	5 12	but moſtly fair
31	M	Day break 3 35	☽ riſes.	10♎40	0 N 7	

Wing.	Days	Saturn. ♑	Declin.	Jupiter. ♒	Declin.	Mars. ♍℞	Declin.	Venus. ♒	Declin.
	1	17 40	6 S 37	13 13	17 S 24	20 47	7 N 23	0 16	19 S 25
	6	18 16	6 23	14 27	17 6	18 52	8 7	6 10	18 22
Mar.	11	18 53	6 8	15 25	16 48	16 54	8 48	12 6	17 6
1760.	16	19 30	5 55	16 28	16 30	14 59	9 27	18 3	15 38
	21	20 7	5 40	17 30	16 11	13 11	10 0	24 1	13 58
	26	20 43	5 26	18 30	15 54	11 35	10 27	0♓ 0	12 10

M D	Sun's Place.	Sun's Declin.	Observations.
1	11 ♓ 26	7 S 17	
E	12 26	6 54	
3	13 26	6 31	Pollux south 31 minutes past 8 at night.
4	14 26	6 8	Day 10 hours 56 minutes.
5	15 26	5 45	Day increased 3 hours 26 minutes.
6	16 26	5 22	☽ in Apogeo, furthest from the earth.
7	17 26	4 59	
8	18 26	4 35	Deneb south 17 min. after midnight.
E	19 26	4 12	Procyon south 5 min. past 8 at night.
10	20 25	3 48	Regulus south 30 m. past 10 at night.
11	21 25	3 25	
12	22 25	3 1	Day 11 hours 28 minutes.
13	23 25	2 37	Day increased 3 hours 58 min.
14	24 24	2 14	Hydra's heart south 35 m. after 9 at night.
15	25 24	1 50	
E	26 23	1 26	Saturn rises 4 min. past 6 in the morn.
17	27 23	1 3	Mars sets 13 min. after 6 in the morn.
18	28 23	0 39	
19	29 22	0 15	☽ in Perigeo, nearest to the earth.
20	♈ 22	0 N 9	Sun enters ♈ 11 min. after 3 in the mor.
21	1 21	0 32	
22	2 20	0 56	Day increased 4 hours 34 minutes.
E	3 20	1 20	Day 12 Hours 12 minutes.
24	4 19	1 43	Saturn rises 37 min. past 5 in the morn.
25	5 18	2 7	Hydra's heart south 55 m. after 8 at night.
26	6 18	2 30	Deneb south 12 min. past 1 at night.
27	7 17	2 54	
E	8 16	3 17	Cambridge Term ends.
29	9 15	3 40	Oxford Term ends.
E	10 14	4 4	Mars sets 17 min. after 5 in the morn.
31	11 13	4 27	

April 1760.

Last Quarter the 8th day, at 6 in the aftern.
New Moon the 15th day, at 5 in the aftern.
First Quarter the 22d day, at 9 in the morn.
Full Moon the 30th day, at 5 in the morn.

Days	Jupiter rises.	Venus rises.
1	4M 3	4A 3[illegible]
6	3 4[illegible]	4 3[illegible]
11	3 29	4 2[illegible]
16	3 14	4 1[illegible]
21	[illegible] 57	4 1[illegible]
26	2 40	4

M D	W D	Holy-Days, ☉ rises and sets.	Moon rises	Moon's Place.	Moon's Declin	Aspects and Weather.
1	T	Twilight 2 3	7A 34	22 ♎ 47	4S. 55	Some gentle
2	W	Cl. fast 4 min.	8 43	4 ♏ 45	9 43	Showers at the
3	T	Maundy Thur.	9 51	16 37	14 8	☍ ♂ ♀ Begin.
4	F	Good Friday	11 0	28 26	18 1	St. Ambrose
5	S	Old Lady day	Morn.	10 ♐ 13	21 8	
6	E	Easter-Day	0 8	22 4	23 24	
7	M	Easter Monday	1 11	4 ♑ 3	24 37	
8	T	Easter Tuesday	2 6	16 16	24 42	
9	W		2 53	28 46	23 33	△ ♂ ☿ Fair
10	T	Su. rises 5 19	3 31	11 ♒ 39	21 7	✱ ☉ ♃ and
11	F	Sun sets 6 43	4 2	24 59	17 32	pleasant.
12	S	Day break 3 4	4 26	8 ♓ 49	12 54	
13	E	Low Sunday	4 48	23 7	7 23	
14	M	Twilight 2 12	5 7	7 ♈ 53	1 18	☌ ♄ ♀ Cold
15	T	Clock with the	☽ sets	22 53	4N 57	Rain about the
16	W	Sun	8A. 9	8 ♉ 3	11 1	Oxf. & Ca. T. b.
17	T	Sun rises 5 5	9 40	23 12	16 25	New Moon.
18	F	Sun set 6 57	11 8	8 ♊ 9	20 43	
19	S	Alphege	Morn.	22 48	23 35	
20	E	2 Sun. aft. East.	0 25	7 ♋ 4	24 52	Mild and very
21	M		1 29	20 56	24 31	agreeable Wea-
22	T	Day break 2 37	2 18	4 ♌ 25	22 45	ther.
23	W	Term begins	2 54	17 34	19 45	
24	T	Twilight 2 23	3 21	0 ♍ 25	15 54	St. George.
25	F	St. Mark	3 41	13 2	11 25	
26	S	D. Cumberl. b.	3 59	25 25	6 31	
27	E	3 S. after Easter	4 14	7 ♎ 38	1 26	Wind and some
28	M		4 28	19 42	3 S. 37	☌ ☉ ☿ Show-
29	T	Sun rises 4 44	4 44	1 ♏ 39	8 30	△ ☉ ♂ ers.
30	W	Sun set 7 18	☽ rises	13 30	13 4	

Ask

Ex

Red [struck] bull'd y^e [struck] at M^r Cpestake's

Wing	Days	Saturn. ♄	Declin.	Jupiter. ♃	Declin.	Mars. ♂ R.	Declin.	Venus. ♀	Declin.
	1	21 26	5 S 10	19 39	25 S 33	10 3	10 N 48	7 12	9 S 49
	6	22 2	4 56	20 34	15 17	9 6	10 57	13 13	7 42
April	11	22 36	4 43	21 27	15 1	8 29	10 59	19 14	5 30
1760	16	23 9	4 31	22 17	14 45	8 11	10 54	25 16	3 15
	21	23 41	4 20	23 4	14 30	8D. 22	10 42	1 ♈ 18	0 56
	26	24 12	4 8	23 48	14 17	8 32	10 28	7 20	1 24

M D	Sun's Places.		Sun's Declin.	Observations.
1	12	♈ 12	4 N 50	Regulus south 10 min. past 9 at night.
2	13	12	5 13	☽ in Apogeo, furtheſt from the earth.
3	14	11	5 36	
4	15	9	5 59	Mercury ſets 32 min. paſt 8 at night.
5	16	8	6 22	Day increaſed 5 hours 30 minutes.
E	17	7	6 44	
7	18	6	7 7	Mercury's greateſt Veſpertine Elongation
8	19	5	7 29	from the Sun 20° 17′, ſets 2 ho. after him.
9	20	4	7 51	Day 13 hours 18 minutes.
10	21	2	8 14	Deneb ſouth 17 min. after 10 at night.
11	22	1	8 36	
12	23	0	8 57	Mercury ſets 45 min. after 8 at night.
E	23	59	9 19	Day increaſed 6 hours.
14	24	57	9 41	
15	25	56	10 2	☽ in Perigeo, neareſt to the earth.
16	26	54	10 23	Oxford and Cambridge Term begins
17	27	53	10 44	Vindemiatrix ſouth 5 min. pa 11 at nigh.
18	28	51	11 5	Saturn riſes 11 min. aft. 4 in the morning.
19	29	50	11 26	Sun enters ♉ 13 min. paſt 4 in the aftern.
E	♉	48	11 46	
21	1	47	12 7	With kindly Moiſture now the Plants abound,
22	2	45	12 27	The Graſs ſecurely ſprings above the Ground;
23	3	43	12 47	The tender Twig ſhoots upward to the Skies,
24	4	42	13 7	And on the Faith of the new Sun relies.
25	5	40	13 26	
26	6	38	13 45	Mars ſets 26 min. paſt 3 in the morning.
F.	7	36	14 4	Day increaſed 6 hour 52 minutes.
28	8	35	14 23	Day 14 hours 30 minutes.
29	9	33	14 42	Arcturus ſouth 35 min. after 11 at night.
30	10	31	15 0	☽ in Apogeo. furtheſt from the earth.

May 1760.

Last Quarter the 8th day, at 8 in the morning.
New Moon the 15th day, at 1 in the morning.
First Quarter the 21st day, at 8 in the afterno.
Full Moon the 29th day, at 9 in the afternoon.

May	Jupiter rises.	Venus rises.
1	2M23	3M52
6	2 4	3 44
11	1 46	3 35
16	1 28	3 26
21	1 10	3 18
26	0 51	3 10

M D	W D	Holy-Days, Offices and Sets.	Moon rises	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	St. Phil. & James	8A 57	25 ♏ 18	17 S 7	
2	F	Day break 2 2	10 4	7 ♐ 5	20 31	
3	S	Invent. Cross	11 9	18 54	23 2	
4	E	4 Sun. aft. Easter	Morn.	0 ♑ 48	24 35	Windy and dry
30 — 5	M	Cl. slow 4 min.	0 6	12 50	24 59	Weather.
6	T	St. John A. P. L.	0 36	25 4	24 13	
7	W		1 57	7 ♒ 34	22 12	
8	T	Sun rise 4 28	2 9	20 25	19 4	
9	F	Sun sets 7 34	2 56	3 ♓ 40	14 53	
10	S	Twilight 2 55	2 37	17 22	9 48	Moist Air and
11	E	Rogation Sund.	3 16	1 ♈ 32	4 3	△ ☿ ♀ some
12	M	Old May-day	3 34	16 9	2N 6	small Showers.
13	T	Day break 1 19	3 53	1 ♉ 7	8 17	
14	W		4 14	16 19	14 6	
15	T	Holy-Thursda.	☽ sets.	1 ♊ 34	19 2	
16	F	Sun rise 4 16	10 A 5	16 43	22 40	□ ☉ ☿ ✱ ☉ ♄
17	S	Sun set 7 45	11 17	1 ♋ 36	24 40	
18	E	6 Sun. aft. Easter	Morn.	16 6	24 57	
19	M	Term ends.	0 16	0 ♌ 11	23 35	Dunsta. ☌ ♀ ♉
20	T		0 58	13 49	20 51	Warm and
21	W	Clo. slow 4 m.	1 28	27 2	17 7	pleasant for
22	T	Sun rise 4 8	2 50	9 ♍ 53	12 42	Oxford T. ends
23	F	Sun sets 7 53	2 9	22 26	7 49	some Days.
24	S	Pr. Fr. Whit. b	2 24	4 ♎ 42	2 46	
25	E	Whit-Sunday,	2 38	16 48	2 S 20	
26	M	Whit-Monday	2 52	28 44	7 13	Ven. Bede.
27	T	Whit-Tuesday	3 7	10 ♏ 35	11 57	△ ☌ ♀ Now
28	W	Ember-Week	3 24	22 22	16 10	expect some
29	T	K. Cha. II. reste	☽ rises	4 ♐ 10	19 45	fruitful Show-
30	F		9 A 1	15 59	22 32	ers.
31	S	Cl. slow 3 m.	10 1	27 53	24 21	

Wing.	Day	Saturn ♑	Dec.	Jupiter ♒	Decl.	Mars ♍	Dec.	Venus ♈	Decl.
	1	24 42	3 S 57	24 28	14 S 4	9 7	9 N 59	13 23	3 N 46
	6	25 11	3 46	25 6	13 53	9 58	9 30	19 26	6 5
May	11	25 38	3 36	25 39	13 43	11 4	8 55	25 30	8 21
1760.	16	26 3	3 27	26 8	13 35	12 23	8 15	1 ♉ 34	10 33
	21	26 26	3 19	26 33	13 27	13 52	7 31	7 33	12 40
	26	26 48	3 11	26 55	13 21	15 32	6 44	13 42	14 40

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	11 ♉ 29	15 N 18	
2	12 27	15 36	
3	13 25	15 54	Arcturus south 19 m. past 11 at night.
E	14 23	16 11	Day increased 7 h 18 m.
5	15 21	16 28	Saturn rises 8 m. past 3 in the morning.
6	16 19	16 45	Mars sets 49 m. after 2 in the morning.
7	17 17	17 1	
8	18 15	17 18	Virgin's Spike south 8 m. past 10 at night.
9	19 13	17 34	Day 15 h. 8 m.
10	20 11	17 49	Day increased 7 h. 38 m.
E	21 8	18 5	
12	22 6	18 20	
13	23 4	18 34	Arcturus south 41 m. after 10 at night.
14	24 2	18 49	☽ in Perigeo, nearest to the Earth.
15	24 59	19 3	Saturn rises 32 m. past 2 in the morning.
16	25 57	19 17	Mars sets 11 m. after 2 in the morning.
17	26 55	19 30	
E	27 53	19 43	Day 15 h. 34 m.
19	28 50	19 56	Day increased 8 h. 2 m.
20	29 48	20 9	Sun enters ♊ 8 m. after 5 in the afternoon
21	♊ 45	20 21	Scorpion's Heart south 19 m after midnight
22	1 43	20 33	Oxford Term ends.
23	2 41	20 44	
24	3 38	20 55	Mercury's greatest Matutine Elong. from
E	4 36	21 6	the Sun 24° 37'; rises 37 m. before him.
26	5 33	21 16	Saturn rises 50 m. past 1 in the morning.
27	6 31	21 26	Mars sets 32 m. after 1 in the morning.
28	7 28	21 36	
29	8 26	21 45	☽ in Apogeo, farthest from the Earth.
30	9 23	21 54	Arcturus south 33 m. after 9 at night.
31	10 20	22 2	

June 1760.

Last Quarter the 6th day, at 6 in the aftern.
New Moon the 13th day, at 8 in the morn.
First Quarter the 20th day, at 8 in the morn
Full Moon the 28th day, at noon.

Days	Jupiter rises.	Venus rises.
1	oM27	3M 1
6	0 7	2 56
11	11A42	2 51
16	11 21	2 47
21	11 1	2 46
26	10 41	2 46

M.	D.	W.	Holy-Days, ☉ rises & sets	Moon rises	Moon's Place.	Moon's Declin.		Aspects and Weather.
1	♃		Trinity-Sund.	10A 54	9♑54	25 S	4	△ ♂ ♅ Wind,
2	M		Sun rises 3 56	11 37	22 4	24	35	and dry
3	T		Sun sets 8 5	Morn.	4♒26	22	53	weather.
4	W		Pr. of Wales b.	0 12	17 3	20	2	Oxford Term beg.
5	♄		Corpus Christ.	0 38	29 57	16	13	
6	F		Term begins.	1 0	13♓11	11	29	✶ ♄ ♀
7	S			1 20	26 46	6	5	✶ ♄ ♅ Wind,
8	♃		1 S. aft. Trin.	1 36	10♈45	0	14	and some
9	M		Cl. flo. 1 m.	1 53	25 7	5N	48	♂ ♀ ♅
10	T		Prs. Ameliab.	2 12	9♉49	11	39	showers.
11	W		St. Barnabas.	2 35	24 47	16	57	
12	♄			3 2	9♊52	21	12	
13	F		Sun rises 3 50	D sets	24 56	24	0	□ ☉ ♂ Hot,
14	S		Sun sets 8 11	9A 57	9♋51	25	4	and sultry
15	♃		2 S. aft. Trin.	10 47	24 27	24	20	weather.
16	M		Clock with ☉	11 23	8♌40	22	3	
17	T		St. Alban.	11 50	22 27	18	33	
18	W		Sun rises 3 48	Morn.	5♍47	14	11	△ ☉ ♃. □ ♂ ♄
19	♄		Sun sets 8 12	0 10	18 43	9	19	Cloudy,
20	F		Edward.	0 26	1♎10	4	13	and overcast
21	S		Longest-Day.	0 41	13 32	0 S	58	for
22	♃		3 S. aft. Trin.	0 55	25 34	6	0	K. Geo. II. Inau.
23	M			1 9	7♍28	10	47	△ ♃ ♅ rain.
24	T		St John Bapt.	1 26	19 17	15	7	Thunder
25	W		Term ends.	1 45	1♐4	18	54	♂ ♄ ♀ and
26	♄		K. Geo. II. Pr.	2 7	12 54	21	54	♂ ☉ ♅ heavy
27	F		Cl. fast. 2 m.	2 38	24 49	23	59	showers of
28	S		Sun rises 3 49	D rises	6♑52	24	59	rain.
29	♃		4 S. aft. Trin.	9A 31	19 5	24	47	St. Peter and Pa.
30	M			10 8	1♒29	23	23	

Send out for I—

at Derby & for Lists of—

Mr. Ing—

Black finch'd Stork Bull'd y. 9th at Mr. Copestake.

Wing.	Days	Saturn ♄		Dec.		Jupiter ♃		Decl.		Mars ♂		Decl.		Venus ♀		Decl	
June 1760.	1	27	11	3	S 3	27	14	13	S 16	17	45	5	N 43	20	59	16	N 51
	6	27	29	2	57	27	25	13	13	19	45	4	49	27	4	18	26
	11	27	43	2	54	27	32	13	11	21	52	3	52	3	♍ 9	19	51
	16	27	55	2	50	27	℞ 33	13	13	24	6	2	52	9	15	21	11
	21	28	5	2	47	27	30	13	15	26	27	1	50	15	21	22	11
	26	28	13	2	46	27	22	13	20	28	54	0	45	21	27	22	53

Days	Sun's Place.		Sun's Declin.		Observations.
E	♊	18	22	N 11	
2	12	15	22	18	Lyra south 48 m. after 1 in the morning.
3	13	13	22	26	Day increased 8 h. 36 m.
4	14	10	22	33	Oxford Term begins.
5	15	7	22	39	Day 16 h. 12 m.
6	16	5	22	45	
7	17	2	22	51	Scorpion's Heart south 9 m. past 11 at night
E	17	59	22	56	Saturn rises 2 m. before 1 in the morning.
9	18	57	23	1	Mars sets 15 m. before 1 in the morning.
10	19	54	23	6	
11	20	51	23	10	Altair south 20 m. after 2 in the morning.
12	21	48	23	14	☽ in Perigeo, nearest to the Earth.
13	22	46	23	17	Saturn rises 22 m. before 1 in the morning
14	23	43	23	20	Mars sets 23 m. after midnight.
F	24	40	23	23	
16	25	37	23	25	Day 16 h. 24 m.
17	26	35	23	26	Day increased 8 h. 50 m.
18	27	32	23	28	Scorpion's Heart sou. 24 m. past 10 at night.
19	28	29	23	28	Saturn rises 9 m. after midnight.
20	29	26	23	29	
21	♋	23	23	29	Sun enters ♋ 8 m. past 2 in the morning.
M	1	21	23	29	Mars sets 55 m. after 11 at night.
23	2	18	23	28	
24	3	15	23	27	Day decreased 2 minutes.
25	4	12	23	25	Saturn rises 45 m. past 11 at night.
26	5	9	23	23	☽ in Apogeo, farthest from the Earth.
27	6	7	23	21	Lyra south at midnight.
28	7	4	23	18	Mars sets 34 m. after 11 at night.
E	8	1	23	14	
30	8	58	23	11	

July 1760.

Last Quarter the 5th day, at midnight.
New Moon the 12th day, at 4 in the aftern.
Firſt Quarter the 19th day, at 11 at night.
Full Moon the 28th day, at 2 in the morn.

Days	Jupiter riſes.	Venus riſes.
1	10 A 19	2 M 4
6	9 59	2 5
11	9 37	3
16	9 16	3 1
21	8 56	3 2
26	8 36	3 3

M.	W.	Holy Days, ☽ riſes & ſets.	Moon riſes	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	T	Dies Comit.	10 A 38	15 ♎ 7	20 S 46	Serene,
2	W	Viſit. B. V. M	11 1	26 5♏	17 8	hot and dry
3	T	Cl. faſt 4 m.	11 21	10 ♐ 4	12 36	weather.
4	F	Cam. Term ends.	11 37	23 25	7 24	
5	S	☌ Midſum.-day.	11 55	7 ♑ 1	1 45	
6	E	☽ S. aft. Trin.	Morn.	20 54	4 N 6	
7	M	Tho. à Becket.	0 11	5 ♉ 2	9 51	□ ♂ ♀ Some
8	T		0 31	19 25	15 13	cooling ſhowers
9	W	Sun riſes 3 5	0 55	4 ♊ 1	19 45	of rain are
10	T	Sun ſets 8 4	1 27	18 44	23 4	expected.
11	F	Cl. faſt 5 m.	2 11	3 ♋ 30	24 50	
12	S		☽ ſets	18 10	24 50	✱ ♂ ♅
13	E	☽ S. aft. Trin.	9 A 12	2 ♌ 37	23 10	
14	M	Sun riſes at 4	9 44	16 49	20 3	
15	T	Within.	10 8	c ♍ 37	15 54	Wind, and
16	W		10 26	13 59	11 4	very dry
17	T	Sun ſets 7 57	10 42	26 57	5 54	weather.
18	F	Cl. faſt 6 m.	10 56	9 ♎ 33	0 37	
19	S	Sun riſes 4 5	11 12	21 50	4 S 33	Oxf. Term end
20	E	☽ S. aft. Trin.	11 27	3 ♍ 53	9 29	△ ☉ ♄
21	M		11 45	15 4	13 59	
22	T	Pris Ca. Mat. b.	Morn.	27 30	17 57	St Mary M
23	W	Cl. faſt 6 m.	0 6	9 ♐ 23	21 11	☌ ♃ ♀ Thun
24	T		0 33	21 1	23 33	in ſome places
25	F	St. James.	1 9	3 ♑ 18	24 51	but not much
26	S	St. Anne.	1 55	15 33	25 c	△ ♄ ♀ rain.
27	E	☽ S. aft. Trin.	2 52	28 1	23 53	
28	M	Sun riſes 4 18	☽ riſes	10 ♒ 44	21 32	Some gentle
29	T	Sun ſets 7 41	9 A 3	23 42	18 4	ſhowers at the
30	W	Dog days begin.	9 24	6 ♓ 55	13 40	end.
31	T		0 42	20 21	8 31	

Aſborn fair
Excise
meeting
Seſſions
Aſſizes 28.

Red finch bulld 3. at Mr. Copestakes
Young Stirk bulld 10th at Do.

Wing.	Days	Saturn ♄	Saturn ℞	Saturn Decl.	Jupiter ♃	Jupiter ℞	Jupiter Decl.	Mars ♂	Mars Decl.	Venus ♀	Venus Decl.
July 1760.	1	28	18	2 S 45	27	9	13 S 25	1	26	0 S 20	27 34	23 N 21
	6	28	21	2 46	26	52	13 33	4	3	1 29	3 ♋ 41	23 31
	11	28	21	2 46	26	30	13 41	6	44	2 38	9 49	23 24
	16	28	19	2 48	26	4	13 51	9	30	3 48	15 57	23 1
	21	28	14	2 50	25	38	14 2	12	20	4 59	22 6	22 19
	26	28	6	2 54	25	2	14 14	15	14	6 12	28 15	21 21

D.	Sun's Place.		Sun's Declin.		Observations.
1	9 ♋	55	22 N	7	Cambridge Commencement.
2	10	53	23	2	Day 16 h. 18 m.
3	11	50	22	57	Day decreased 8 m.
4	12	47	22	52	Cambridge Term ends.
5	13	44	22	46	Saturn rises 4 m. after 11 at night.
6	14	41	22	40	Mars sets 7 m. past 11 at night.
7	15	38	22	34	
8	16	36	22	27	Lyra south 15 m. past 11 at night.
9	17	33	22	20	☽ in Perigeo, nearest to the Earth.
10	18	30	22	12	
11	19	27	22	4	Day 16 h. 6 m.
12	20	24	21	56	Day decreased 22 m.
13	21	22	21	47	Saturn rises 32 m. after 10 at night.
14	22	19	21	38	Oxford Act begins.
15	23	16	21	28	Mars sets 38 m. past 10 at night.
16	24	13	21	19	Altair south 52 m. after 11 at night.
17	25	11	21	8	Day 15 h. 54 m.
18	26	8	20	58	Day decreased 34 m.
19	27	5	20	47	Oxford Term ends.
20	28	2	20	35	Saturn rises 4 m. past 10 at night.
21	29	0	20	24	
22	29	57	20	12	Sun enters ♌ 7 m. after 1 in the afternoon
23	♌	54	20	0	☽ in Apogeo, farthest from the Earth.
24	1	52	19	47	Lyra south 11 m. past 10 at night.
25	2	49	19	34	
26	3	46	19	21	Mars sets 4 m. after 10 at night.
27	4	44	19	7	Day 15 h. 28 m.
28	5	41	18	53	Altair south 5 m. after 11 at night.
29	6	39	18	39	Day decreased 1 h. 4 m.
30	7	36	18	24	
31	8	33	18	9	

August 1760.

Last Quarter the 4th day, at 6 in the morn.
New Moon the 11th day, at 1 in the morn.
First Quarter the 18th day, at 5 in the aftern.
Full Moon the 26th day, at 1 in the aftern.

Aug.	Jupiter rises.	Venus rises.
1	8 A 11	3 M 56
6	7 50	4 [illegible]
11	7 29	4 2[illegible]
16	sets	sets
21	4 M 19	7 A 1[illegible]
26	3 57	7 1[illegible]

M.	D.	W.	Holy-Days, ☉ rises & sets	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	1	F	Lammas-day.	9 A 59	3 ♈ 59	2 S 53	
2	2	S	Day br. 1 27.	10 14	17 46	2 N 57	Hot, and
3	E	9	S. aft. Trin.	10 35	1 ♉ 42	8 41	very dry
4	4	M	Sun rises 4 28	10 57	15 45	14 4	weather.
5	5	T	Sun sets 7 30	11 24	29 54	18 44	
6	6	W	Transfigurat.	Morn.	14 ♊ 10	22 20	Good harvest
7	7	T	Name of *Jesus*	0 2	28 29	24 31	weather
8	8	F		0 53	12 ♋ 49	25 6	mostly.
9	9	S	Cl. fast 5 m.	1 57	27 7	24 0	△ ♃ ♂
10	E	10	S. aft. Trin.	3 14	11 ♌ 14	21 24	St. Laurence.
11	11	M	Prs. Augusta b.	☽ sets	25 9	17 37	
12	12	T	O. Lammas-day.	8 A 29	8 ♍ 46	12 56	
13	13	W	Twilight 2 34.	8 47	22 2	7 46	
14	14	T		9 3	4 ♎ 57	2 24	Turbulent
15	15	F	Assump. B V.M.	9 17	17 32	2 S 56	☌ ☉ ☿. ☍ ☉ ♃
16	16	S	Day br. 2 19.	9 33	29 48	8 1	air, (☍ ♃ ☿
17	E	11	S. aft. Trin.	9 50	11 ♍ 50	12 44	with storms
18	18	M		10 10	23 43	16 55	of rain, hail, and
19	19	T	Sun rises 4 54	10 35	5 ♐ 32	20 25	thunder.
20	20	W	Sun sets 7 4	11 8	17 22	23 3	
21	21	T	Cl. fast 3 m	11 49	29 18	24 42	
22	22	F	Twilight 2 21.	Morn.	11 ♑ 25	25 12	✶ ♂ ♀
23	23	S		0 44	23 48	24 28	
24	E	12	S. aft. Trin.	1 49	6 ♒ 28	22 28	St. Bartholomew.
25	25	M	Sun rises 5 5	3 c	19 29	19 17	Hot, and
26	26	T	Sun sets 6 53	☽ rises	2 ♓ 48	15 4	very dry
27	27	W	Day br. 2 53.	7 A 53	16 26	9 58	weather
28	28	T	S. Aug. B. H	8 10	0 ♈ 17	4 18	✶ ☉ ♂
29	29	F	Decol. St. J. B	8 27	14 1[illegible]	1 N 4[illegible]	towards the
30	30	S		8 45	28 27	7 36	end.
[illegible]	[illegible]	E	13 S. aft. Trin.	9 7	12 ♉ 37	13 9	

Hamstow in

Excise -

Little brinded Cow bull'd the 19th at Mr Copestake's

Wing.	Day	Saturn ♄ R.	Dec.	Jupiter ♃ R.	Decl.	Mars ♂	Decl.	Venus ♀	Decl.
	1	27 54	3 S 1	24 20	14 S 29	18 47	7 S 38	5 39	19 N 52
Aug.	6	27 42	3 7	23 43	14 42	21 49	8 51	11 49	18 22
1760.	11	27 28	3 14	23 4	14 55	24 53	10 3	18 0	16 39
	16	27 11	3 21	22 24	15 10	28 1	11 15	24 11	14 44
	21	26 53	3 39	21 45	15 24	1 ♍ 11	12 26	0 ♍ 22	12 39
	26	26 33	3 38	21 7	15 36	4 25	13 36	6 34	10 25

M.D.	Sun's Place.		Sun's Declin.	Observations.
1	9 ♌	31	17 N 54	
2	10	28	17 35	Saturn rises 37 m. past 9 at night.
E	11	26	17 23	Lyra south 32 m. past 9 at night.
4	12	23	17 7	
5	13	21	16 51	Mercury's greatest Vespertine Elong. from
6	14	18	16 34	the Sun 27° 21′, sets 43 m. after him.
7	15	16	16 17	☽ in Perigeo, nearest to the Earth, the 6th
8	16	14	16 0	Day.
9	17	11	15 43	
E	18	9	15 25	*The wond'ring Babes from Mothers Breasts are rent,*
11	19	6	15 7	*And suffer Ills they neither fear'd nor meant:*
12	20	4	14 49	*Nothing but Fire and Slaughter meets the Eyes;*
13	21	2	14 31	*Nothing the Ear, but Groans and dismal Cries.*
14	21	59	14 12	Day decreased 1 h. 56 m.
15	22	57	13 53	Altair south 55 m. after 9 at night.
16	23	55	13 34	Saturn rises 19 m. past 8 at night.
E	24	52	13 15	Mars sets 1 m. past 9 at night.
18	25	51	12 56	Fomalhaut south 50 m past midnight.
19	26	48	12 36	☽ in Apogeo, furthest from the Earth.
20	27	46	12 16	
21	28	44	11 46	Markab south 47 m. after midnight.
22	29	42	11 36	Sun enters ♍ 27 m. past 7 in the afternoon.
23	♍	40	11 15	Day 13 h. 58 m.
E	1	38	10 55	Day decreased 2 h. 32 m.
25	2	36	10 34	Altair south 19 m. after 9 at night.
26	3	34	10 13	
27	4	32	9 52	Saturn rises 33 m. past 7 at night.
28	5	30	9 31	Mars sets 33 m. after 8 at night.
29	6	28	9 9	Day 13 h. 36 m.
30	7	26	8 48	Day decreased 2 h. 54 m.
E	8	24	8 26	

September 1760.

Last Quarter the 2d day, at 11 in the morn.
New Moon the 9th day, at noon.
First Quarter the 17th day, at noon.
Full Moon the 24th day, at midnight.

D's	Jupiter sets.		Venus sets.	
1	3	M 32	7	A 3
6	3	10	6	55
11	2	49	6	47
16	2	30	6	38
21	2	9	6	30
26	1	49	6	22

M.	D.	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin	Aspects and Weather.
1	M	Giles.	9 A 32	26 ♉ 46	18 N 1	
2	T	Sun rises 5 20	10 6	10 ♊ 54	21 50	London b. 1666.
3	W	Sun sets 6 38	10 52	24 58	24 20	☌ ☉ ♀ 2d.
4	T	Day br. 3 16.	11 52	8 ♋ 59	25 18	Wind, and
5	F	Twilight 2. 7.	Morn.	22 56	24 38	ſome rain.
6	S		1 4	6 ♌ 48	22 28	
7	E	14 S. aft. Trin.	2 21	20 30	19 2	Dog-days end.
8	M	Nat. B. V. M.	3 42	4 ♍ 2	14 35	Fair and
9	T	Cl. ſlow 3 m.	☽ ſets	17 20	9 36	pleaſant
10	W	Sun riſes 5 36	7 A 15	0 ♎ 21	4 15	for ſome
11	T	Twilight 2. 4.	7 31	13 4	1 S 11	days.
12	F	Day br. 3 35.	7 46	25 32	6 28	
13	S		8 1	7 ♏ 45	11 23	
14	E	15 S. aft. Trin.	8 20	19 44	15 49	Holy-Croſs-Day.
15	M	Cl. ſlow 5 m.	8 44	1 ♐ 36	19 35	
16	T		9 13	13 24	22 31	
17	W	Ember-Week.	9 50	25 12	24 30	□ ♃ ♂. ☽ ☉ ♄
18	T	Sun riſes 5 51	10 39	7 ♑ 9	25 23	Windy, and
19	F	Sun ſets 6 7	11 39	19 17	25 5	turbulent
20	S	Twilight 2. 1.	Morn.	1 ♒ 42	23 31	weather.
21	E	16 S. aft. Trin.	0 48	14 29	20 46	St. Matthew.
22	M		2 2	27 39	16 53	
23	T	Day br. 4 1.	3 23	11 ♓ 14	12 0	Pleaſant and
24	W	Cl. ſlow 8 m.	4 44	25 11	6 24	ſeaſonable wea-
25	T		☽ riſes	9 ♈ 27	0 20	△ ♄ ♂ ther.
26	F	☉. Cyprian.	6 A 58	23 56	5 N 50	
27	S		7 20	8 ♉ 30	11 45	Windy,
28	E	17 S. aft. Trin.	7 44	23 3	17 1	△ ♃ ☿ and
29	M	St. Michael.	8 15	7 ♊ 30	21 15	☌ ♄ ☿ ſome
30	T	St. Jerome.	8 58	21 47	24 9	wet.

Wing	Day	Saturn ♄ R	Dec.	Jupiter ♃ R	Dec.	Mars ♂	Dec.	Venus ♀	Dec.
Sept. 1760.	1	26 8	3 S 49	20 24	15 S 50	8 21	14 S 59	14 1	7 N 37
	6	25 46	3 58	19 50	16 1	11 40	16 5	20 13	5 9
	11	25 23	4 7	19 19	16 10	15 2	17 9	26 26	2 38
	16	25 0	4 17	18 52	16 19	18 27	18 9	2♎39	0 6
	21	24 37	4 27	18 29	16 26	21 54	19 7	8 53	2 S 30
	26	24 14	4 36	18 10	16 31	25 23	20 4	15 6	5 3

M. D.	Sun's Place.		Sun's Declin.		Observations.
1	9♍	22	8 N	4	☽ in Perigeo, neareſt to the Earth.
2	10	21	7	42	Fomalhaut ſouth 55 m. paſt 11 at night.
3	11	19	7	20	Saturn riſes 11 m. after 7 at night.
4	12	17	6	58	
5	13	15	6	35	*The frighted Soldiers, when their Captains fly,*
6	14	14	6	13	*More on their Speed, than on their Strength rely;*
E	15	12	5	50	*Confus'd in Fight they bear each other down,*
8	16	10	5	28	*And ſpur their Horſes headlong to the Town:*
9	17	9	5	5	*Driv'n by their Foes, and to their Fears reſign'd,*
10	18	7	4	42	*Not once they turn, but take their Wounds behind.*
11	19	6	4	19	
12	20	4	3	56	Pole Star ſouth 22 m. after 1 in the morning
13	21	3	3	33	Mars ſets 58 m. after 7 at night.
F	22	1	3	10	Saturn riſes 5 m. after 4 in the morning.
15	23	0	2	47	☽ in Apogeo, furtheſt from the Earth.
16	23	59	2	24	
17	24	57	2	0	Mercury's greateſt Matut. Elong. from the
18	25	56	1	37	Sun 17° 49', riſes 1 h. 43 m. before him.
19	26	55	1	14	Day decreaſed 4 h. 12 m.
20	27	54	0	50	Mercury riſes 7 m. after 4 in the morning
E	28	52	0	27	
22	29	51	0	3	Sun enters ♎ 42 m. after 3 in the afternoon
23	♎	50	0 S	20	Fomalhaut ſouth 39 m. paſt 10 at night.
24	1	49	0	43	Day 11 h. 54 m.
25	2	48	1	7	
26	3	47	1	30	Saturn ſets 12 m. after 5 in the morning.
27	4	46	1	54	Mars ſets 30 m. after 7 at night.
F	5	45	2	17	☽ in Perigeo, neareſt to the Earth.
29	6	44	2	41	Day 11 h. 34 m.
30	7	43	3	4	

October 1760.

Day	Jupiter sets.	Venus sets.
1	1 M 30	6 A 14
6	1 10	6 6
11	0 51	5 59
16	0 33	5 51
21	0 15	5 45
26	11 A 53	5 40

Last Quarter the 1st day, at 5 in the aftern.
New Moon the 5th day, at 2 in the morn
First Quarter the 17th day, at 6 in the morn.
Full Moon the 24th day, at 11 in the morn
Last Quarter the 31st day, at 2 in the morn.

M.	D.	W.	Holy-Days, ☽ rises & sets.	Moon rises	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	W		Remigius.	9 A 53	5 ♎ 53	25 N 28	
2	T		Sun rises 6 19	11 1	19 47	25 9	✱ ♂ ♃ Brisk
3	F		Sun sets 3 39	Morn.	3 ♏ 30	23 18	winds and
4	S		Twilight 1. 58.	0 18	17 2	20 10	some hasty
5	E	18	S. aft. Trin.	1 37	0 ♐ 22	16 2	showers.
6	M		Faith, Virg.	2 55	13 30	11 10	
7	T			4 10	26 26	5 54	
8	W		Day br. 4 33	5 25	9 ♑ 8	0 28	
9	T		St. Dennis.	☽ sets	21 36	4 S 52	△ ☉ ♅
10	F		O. Mich.-day.	6 A 16	3 ♐ 51	9 57	Qu. a Cim. Term b.
11	S		Cl. flo. 13 m.	6 33	15 56	14 37	Windy
12	E	19	S. aft. Trin.	6 54	27 51	18 38	△ ♅ ♆ and
13	M		Tr. K. Edw. Conf.	7 20	9 ♑ 41	21 53	stormy weather.
14	T			7 52	21 26	24 12	
15	W		Sun rises 6 44	8 35	3 ♑ 14	25 27	☌ ☉ ☿ Cold
16	T		Sun sets 5 14	9 31	15 9	25 33	foggy air,
17	F		Etheld. Virg.	10 35	27 15	24 26	and drifling
18	S		St. Luke.	11 47	9 ♒ 39	22 8	rain.
19	E	20	S. aft. Trin.	Morn.	22 24	18 42	
20	M			1 5	5 ♓ 34	14 15	
21	T		Ursula.	2 23	19 12	8 58	
22	W		K. Geo. II. cr.	3 44	3 ♈ 16	3 2	□ ♅ ♀ Mild
23	T		Twilight 1. 58.	5 8	17 45	3 N 13	and temperate
24	F		Day br. 5 4.	☽ rises	2 ♉ 32	9 26	for the
25	S		Crispin.	5 A 50	17 29	15 12	season.
26	E	21	S. aft. Trin.	6 18	2 ♊ 28	20 4	△ ♄ ♀
27	M			6 57	17 19	23 34	
28	T		S. Sim. & Jude	7 49	1 ♋ 57	25 27	Sharp winds,
29	W		Sun rises 7 11	8 54	16 16	25 35	with rain
30	T		Sun sets 4 47	10 9	0 ♌ 17	24 4	or sleet
31	F		Cl. flo. 16 m.	11 29	13 58	21 9	□ ♅ ♆

Wing.	Days	Saturn ♑	Saturn R	Saturn Dec.	Jupiter ♒	Jupiter Decl.	Mars ♏	Mars Decl.	Venus ♎	Venus Decl.
	1	23	51	4S45	17 55	16S35	28 54	20S54	21 19	7 S32
Oct.	6	23	29	4 54	17 46	16 37	2♐28	21 41	27 32	9 59
1760.	11	23	9	5 1	17 42	16 38	6 3	22 22	3♏46	12 20
	16	22	50	5 8	17D.42	16 37	9 41	23 1	10 0	14 33
	21	22	33	5 15	17 48	16 35	13 20	23 31	16 13	16 37
	26	22	17	5 20	17 59	16 31	17 1	23 58	22 26	18 32

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	8♎42	3 S 27	Day decreased 5 hours.
2	9 42	3 51	Markab south 16 m. past 10 at night.
3	10 41	4 14	
4	11 40	4 37	*In wishing Nothing, we enjoy the most;*
E	12 39	5 1	*For ev'n our Wish is in Possession lost:*
6	13 39	5 24	*Restless we wander to a new Desire,*
7	14 38	5 47	*And burn ourselves by blowing up the Fire.*
8	15 37	6 10	
9	16 37	6 33	Saturn sets 19 m. past 4 in the morning.
10	17 36	6 55	Oxford and Cambridge Terms begin.
11	18 36	7 18	Mars sets 7 m. after 7 at night.
E	19 35	7 41	☽ in Apogeo, furthest from the Earth.
13	20 35	8 3	Day 10 h. 40 m.
14	21 34	8 26	Fomalhaut south 21 m. past 9 at night.
15	22 34	8 48	
16	23 34	9 10	*Fond Men, by Passions wilfully betray'd,*
17	24 33	9 32	*Adore those Idols which their Fancy made;*
18	25 33	9 54	*Purchasing Riches with our Time and Care,*
E	26 33	10 16	*We lose our Freedom in a gilded Snare.*
20	27 33	♈0 37	
21	28 33	10 59	Saturn sets half an hour after 3 in the morn
22	29 32	11 20	Sun enters ♏ 18 m. past 11 at night.
23	♏ 32	11 41	Pole Star south 49 m. after 10 at night.
24	1 32	12 2	
25	2 32	12 23	Mars sets 47 m. past 6 at night.
E	3 32	12 43	☽ in Perigeo, neareſt to the Earth.
27	4 32	13 3	
28	5 32	13 24	Day 9 h. 42 m.
29	6 32	13 43	Fomalhaut south 26 m. past 8 at night.
30	7 33	14 3	Day decreased 6 h. 52 m.
31	8 33	14 23	

November 1760.

Days	Jupiter sets.	Venus sets.
1	11 A 32	5 A 34
6	11 15	5 31
11	10 58	5 30
16	10 40	5 29
21	10 22	5 31
26	10 4	5 36

New Moon the 7th day, at 7 at night.
First Quarter the 15th day, at midnight.
Full Moon the 22d day, at 9 at night.
Last Quarter the 29th day, at 2 in the afternoon.

M. D.	W. C.	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin	Aspects and Weather.
1	S	All Saints.	Morn.	27 ♌ 20	1 N 13	
2	E	22 S. aft. Trin.	0 49	10 ♍ 26	12 30	All Souls □ ♄ ♂
3	M	Sun rises 7 20	2 4	23 16	7 20	Stormy,
4	T	Sun sets 4 39	3 16	5 ♎ 53	1 58	and
5	W	Papists Conf.	4 28	18 17	3 S 2	intemperate
6	T	Term begins.	5 39	0 ♏ 30	8 36	weather.
7	F	Pr. H.-Fred. b	D sets	12 33	13 23	
8	S		5 A 1	24 29	17 38	
9	E	23 [illegible] Trin.	5 23	6 ♐ 19	21 [illegible]	Dull, cloudy
10	M	K. Geo. II. b	5 54	18 5	23 44	□ ☉ ♃ air,
11	T	Martinmas.	6 33	9 51	25 20	with cold rain
12	W	Twilight 2. 3.	7 22	11 ♑ 40	25 47	△ ☉ ♄ or sleet.
13	T	Leitius, Bp	8 22	23 36	25 2	
14	F	Day br. 5 5.	9 30	5 ♒ 42	23 7	
15	S	Machutus, Bp.	10 43	18 3	20 7	
16	E	24 S. aft. Trin.	11 59	0 ♓ 43	16 7	Pleasant
17	M	Hugh, Bp.	Morn.	13 47	11 13	✶ ♃ ♀ and
18	T	Sun rises 7 45	1 16	27 17	5 41	□ ♄ ♀ season-
19	W	Sun sets 4 14	2 35	11 ♈ 15	0 N 21	weather.
20	T	Com. K. & M.	3 58	25 40	6 34	
21	F		5 25	10 ♉ 29	12 36	
22	S	O. Mart.-day.	D rises	25 35	17 59	✶ ♃ ♀ (□ ♄ ♀
23	E	25 S. aft. Trin.	4 A 43	10 ♊ 48	22 15	St. Clement.
24	M	Cl. flo. 13 m.	5 30	25 59	24 57	Cold, stormy
25	T	Pr. W.-Hen. b	6 32	10 ♋ 58	25 4	and unsettled
26	W	Sun rises 7 56	7 47	25 38	24 48	weather.
27	T	Sun sets 4 3	9 7	9 ♌ 54	22 14	
28	F	Term ends.	10 27	23 44	18 27	
29	S	Day br. 5 53.	11 46	7 ♍ 9	13 49	(Wales b.
30	E	Advent-Sund.	Morn.	20 1	8 40	S. Andr. Prs. Dow.

Wing.	Days	Saturn ♑	R	Dec.	Jupiter ♒	Decl.	Mars ♐	Decl.	Venus ♏	Decl
	1	22 2	5	S 25	18 18	16 S 24	21 28	24 S 21	29 54	20 S 31
	6	21 51	5	28	18 39	16 18	25 13	24 34	6 ♐ 7	21 56
Nov.	11	21 43	5	30	19 5	16 9	29 0	24 40	12 20	23 6
1760.	16	21 38	5	31	19 35	15 58	2♑48	24 39	18 33	23 58
	21	21 35	5	32	20 10	15 46	6 37	24 31	24 46	24 34
	26	21 D 35	5	31	20 48	15 33	10 27	24 17	♑59	24 50

M. D.	Sun's Place.		Sun's Declin.		Observations.
1	9 ♏	33	14 S	42	Mars sets 40 m. after 6 at night.
E	10	32	15	1	
3	11	32	15	20	Pole Star south 6 m. past 10 at night.
4	12	32	15	38	Fomalhaut south 2 m. after 8 at night.
5	13	34	15	56	Day 9 h. 14 m.
6	14	34	16	14	Saturn sets 24 m. past 2 in the morning.
7	15	35	16	32	Mars sets 34 m. after 6 at night.
8	16	35	16	49	Day decreased 7 h. 24 m.
E	17	35	17	7	☽ in Apogeo, furthest from the Earth.
10	18	36	17	23	Day 8 h. 56 m.
11	19	36	17	40	
12	20	37	17	56	*Reason was given to curb our headstrong Will,*
13	21	37	18	12	*And yet but shews a weak Physician's Skill;*
14	22	38	18	28	*Gives nothing while the raging Fit does last,*
15	23	38	18	43	*But stays to cure it when the worst is past.*
E	24	39	18	58	
17	25	40	19	13	Saturn sets 39 m. past 1 in the morning.
18	26	40	19	27	Fomalhaut south 5 m. after 7 at night.
19	27	41	19	41	Mars sets 25 m. after 6 at night.
20	28	42	19	54	Day decreased 8 h. 2 m.
21	29	42	20	7	Sun enters ♐ 12 m. past 7 at night.
22	♐	43	20	20	
E	1	44	20	33	☽ in Perigeo, neareſt to the Earth.
24	2	45	20	45	Day 8 h. 14 m.
25	3	45	20	56	Saturn sets 5 m. after 1 in the morning.
26	4	46	21	8	Pole Star south 32 m. past 8 at night.
27	5	47	21	19	Mars sets 21 m. after 6 at night
28	6	48	21	29	Mercury's greateſt Veſpertine Elong. from
29	7	49	21	39	the Sun 21° 2′, sets an hour after him.
E	8	50	21	49	

December 1760.

Day	Jupiter sets.	Venus sets.
1	9 A 47	5 A 43
6	9 30	5 51
11	9 13	6 1
16	8 56	6 12
21	8 39	6 24
26	8 22	6 36

New Moon the 7th day, at 2 in the aftern.
First Quarter the 15th day, at 3 in the aftern.
Full Moon the 22d day, at 7 in the morn.
Last Quarter the 29th day, at 5 in the morn.

M. D.	W. D.	Holy-Days, ☉ rises & sets.	Moon rises.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M		1 M 1	2 ♎ 53	3 N 18	
2	T	Sun rises 8 3	2 12	15 18	2 S 5	Moderate
3	W	Sun sets 3 56	3 22	27 30	7 20	weather
4	T	Cl. slow 9 m.	4 32	9 ♏ 32	12 13	for the
5	F	Twilight 2 9.	5 41	21 25	16 36	season.
6	S	Nicolas.	6 50	3 ♐ 15	20 19	
7	S	2 S. in Advent.	☽ sets	15 1	23 10	
8	M	Conc. B. V. M.	4 A 22	26 48	25 3	Sharp air,
9	T		5 7	8 ♑ 37	25 48	and frosty
10	W	Sun rises 8 10	6 4	20 32	25 22	weather.
11	T	Sun sets 3 50	7 9	2 ♒ 33	23 45	✱ ♄ ♂
12	F	Day br. 5 59.	8 18	14 45	21 1	
13	S	Lucy. Virg.	9 32	27 8	17 20	✱ ♄ ♀ . □ ☉ ♄
14	S	3 S. in Advent.	10 47	9 ♓ 47	12 48	Dark, and
15	M	Cl. slow 4 m.	Morn.	22 46	7 34	✱ ☉ ♃ cloudy
16	T	Cam. Termends.	0 2	6 ♈ 7	1 53	weather for some
17	W	Ember Week.	1 20	19 51	4 N 6	Oxford Termends.
18	T	Sun rises 8 12.	2 43	4 ♉ 1	10 2	☌ ☉ ☿ time.
19	F	Sun sets 3 48.	4 8	18 35	15 37	
20	S	Twilight 2 12.	5 36	3 ♊ 30	20 24	✱ ♃ ☿
21	S	4 S. in Advent.	7 5	18 40	23 52	St. Thomas.
22	M		☽ rises	3 ♋ 54	25 39	(Shortest-Day.
23	T	Sun rises 8 13	5 A 5	19 3	25 29	Sharp winds,
24	W	Sun sets 3 48	6 28	3 ♌ 57	23 27	with snow or
25	T	Christm. Day.	7 52	18 28	19 58	sleet.
26	F	St. Stephen.	9 14	2 ♍ 32	15 26	
27	S	St. John.	10 31	16 6	10 16	
28	S	1 S. aft. Christ.	11 46	29 13	4 48	Holy Innocents.
29	M	Day br. 5 59.	Morn.	11 ♎ 56	0 S 43	Fair, and
30	T	Cl. fast 3 m.	0 57	24 18	6 3	frosty.
31	W	Silvester.	2 7	6 ♍ 25	11 1	

Ving.	Days	Saturn ♑	Decl.	Jupiter ♒	Decl.	Mars ♍	Dec.	Venus ♍	Decl.
	1	21 37	5 S 29	21 30	15 S 20	14 19	23 S 55	7 11	24 S 47
	6	21 42	5 26	22 15	15 4	18 11	23 27	13 23	24 25
Dec.	11	21 50	5 22	23 14	14 47	22 5	22 51	19 34	23 44
1760	16	22 1	5 16	23 56	14 30	25 59	22 9	25 45	22 47
	21	22 14	5 11	24 50	14 11	29 54	21 22	1 ♒ 55	21 32
	26	22 29	5 4	25 47	13 52	3 ♒ 50	20 28	8 5	20 1

Mon.	Sun's Place		Sun's Declin.		Observations.
1	9 ♐	51	21 S	58	
2	10	52	22	7	Seven Stars south 54 m. past 10 at midnight.
3	11	53	22	15	Day 7 h. 32 m.
4	12	54	22	23	Day decreased 8 h. 36 m.
5	13	55	22	31	Capella south 6 m. after midnight.
6	14	56	22	38	
7	15	57	22	44	☽ in Apogeo, furthest from the Earth.
8	16	58	22	51	Saturn sets 6 m. past midnight.
9	17	59	22	56	Mars sets 17 m. after 6 at night
10	19	0	23	2	Pole Star south 31 m. after 7 at night.
11	20	1	23	6	
12	21	2	23	11	Day 7 h. 38 m.
13	22	3	23	15	Day decreased 8 h. 48 m.
14	23	4	23	18	Saturn sets 40 m. past 11 at night.
15	24	5	23	21	Capella south 23 m. after 11 at night.
16	25	6	23	24	Cambridge Term end.
17	26	7	23	26	Oxford Term ends.
18	27	9	23	27	Seven Stars south 44 m past 9 at night.
19	28	10	23	28	Mars sets 16 m. after 6 at night.
20	29	11	23	29	
21	♍	12	23	29	Sun enters ♍ 17 m. after 7 in the morning
22	1	13	23	29	☽ in Perigeo, 21st Day, and nearest the Earth.
23	2	14	23	28	Aldebaran south 11 m. after 10 at night.
24	3	16	23	27	
25	4	17	23	25	*A Shower of soft and fleecy Rain*
26	5	18	23	23	*Falls to new-cloath the Earth again:*
27	6	19	23	20	*Behold the Mountains Tops around,*
28	7	20	23	17	*As with Fur of Ermine crown'd.*
29	8	21	23	13	Seven Stars south 55 m. after 8 at night.
30	9	21	23	9	
31	10	22	23	5	

The Longitude of Mercury and Declination for the Year 1760.

Days	Janua.	Febru.	March	April	May	June
1	16 ♑ 35	17 ♑ 49	1 ♐ 28	29 ♈ 57	5 ♉ 16	8 ♉ 12
4	12 ♑ 42	21 37	6 49	4 ♉ 0	3 ♑ 44	22 27
7	8 53	25 34	12 21	7 24	2 39	27 9
10	6 3	29 44	18 2	9 51	2 16	2 ♊ 14
13	4 38	4 ♒ 5	23 52	11 24	2 D 34	7 41
16	4 D 35	8 34	29 50	11 59	3 31	13 34
19	5 39	13 11	5 ♈ 54	11 ♑ 43	5 7	19 44
22	7 35	17 59	11 56	10 39	7 16	26 10
25	10 8	22 54	17 48	9 1	9 59	2 ♋ 42
28	13 11	27 59	23 23	7 9	13 14	9 12
Days	July	Auguſt	Sept.	Octob.	Nov.	Dec.
1	15 ♋ 38	6 ♍ 32	10 ♍ 25	27 ♍ 55	19 ♍ 39	0 ♑ 55
4	21 52	9 44	7 ♑ 38	3 ♎ 13	24 14	3 18
7	27 47	12 31	5 25	8 33	28 4	4 38
10	3 ♌ 28	14 50	4 20	13 47	3 ♐ 15	4 ♑ 31
13	8 55	16 36	4 D 37	18 57	7 41	2 46
16	14 1	17 45	6 18	24 1	12 1	29 ♐ 24
19	18 52	18 8	9 11	29 0	16 16	25 22
22	23 28	17 ♑ 42	13 6	3 ♍ 53	20 20	21 39
25	27 44	16 20	17 42	8 41	24 12	19 19
28	1 ♍ 43	14 11	22 44	13 25	27 50	18 29

The Declination of Mercury to every Fifth Day.

Days	1	6	11	16	21	26
January	20 S 22	19 56	20 4	20 39	21 22	21 57
February	22 S 11	21 52	21 4	19 42	17 49	15 21
March	22 S 57	9 30	5 30	1 1	3 N 43	8 23
April	13 N 13	16 6	17 51	18 12	17 18	15 21
May	12 N 58	10 57	9 46	9 36	10 21	11 54
June	14 N 30	17 2	19 39	22 2	23 50	24 36
July	24 N 15	22 50	20 39	17 57	15 0	11 56
Auguſt	8 N 19	5 34	3 15	1 34	0 51	1 30
September	4 N 5	6 56	9 3	9 38	8 28	5 54
October	2 N 34	1 S 11	4 59	8 39	12 6	15 17
November	18 S 39	21 3	23 1	24 31	25 28	25 40
December.	25 S 3	24 46	23 29	21 55	20 29	19 5

WING.

A PROGNOSTICATION,

For the Year of our

LORD GOD, 1760.

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

The Seven Planets and Five Aspects.		The Twelve Signs.	
♄	Saturn	♈	Aries
♃	Jupiter	♉	Taurus
♂	Mars	♊	Gemini
☉	The Sun	♋	Cancer
♀	Venus	♌	Leo
☿	Mercury	♍	Virgo
☾	The Moon	♎	Libra
Aspects. ☌	Conjunction	♏	Scorpio
✶	Sextile	♐	Sagittary
□	Square	♑	Capricorn
△	Trine	♒	Aquarius
☍	Opposition	♓	Pisces

I. 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	5764
1766	2948	*Noah* born	4708
2306	2348	*Noah*'s Flood began	4108
2481	2233	The *Babylonian* Monarchy established	3993
2718	1996	*Abraham* born	3756
2986	1728	*Joseph* sold into *Egypt*	3488
3143	1571	*Moses* born	3331
3223	1491	The *Israelites* Departure out of *Egypt*	3251
3530	1184	*Troy* taken and destroyed by the *Greeks*	2944
3710	1004	*Solomon*'s Temple built and dedicated	2764
4126	588	*Jerusalem* and the Temple destroyed	2348
4176	538	*Daniel* delivered from the Den of Lions	2298
4198	516	The Temple of *Jerusalem* rebuilt	2276
4391	323	The Death of *Alexander the Great*	2083
4710	4	The true Year of *Christ*'s Birth	1764
4714	0	The vulgar Year of *Christ*'s Birth	1760

A.D.		
33	The Passion and Resurrection of *Jesus Christ*	1727
70	*Jerusalem* and the Temple destroyed by *Titus*	1690
100	St. *John*, the last of the Apostles, dies *Dec.* 20.	1660
313	Christianity triumphs under *Constantine*	1447
476	*Augustulus* the last *Roman* Emperor deposed	1284
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church	1154
608	*Mahomet* broaches his Imposture at *Mecca*	1152
872	*Italy* and *Rome* plundered by the *Saracens*	888
1012	*Swain* King of *Denmark* conquers *England*	748
1066	*William* Duke of *Normandy* conquers *England*	694
1110	Arts and Sciences taught in *Cambridge*	650
1119	The first War between the *French* and *English*	641
1300	The Mariners Compass invented	460
1330	The *Canaries* discovered by an *English* Ship	430
1380	Gunpowder and the Use of Guns first found out	380
1453	*Constantinople* taken from the *Christians*	307

A. D

	Years since.
The *Perſians* conquered by *Tamerlane*	297
Rome plundered by the Duke of *Bourbon*	260
Martin Luther firſt diſputed againſt Popery	243
England ſeparated from the Church of *Rome*	224
The *Spaniſh Armado* defeated by the *Engliſh*	172
Q. *Eliz.* dies, *Mar.* 24 and K. *James* I. began	157
Died of the Plague in *Lond.* in 2 Years 68,596	156
Gunpowder Treaſon, *Nov.* 5.	155
The New River Water brought to *London*	147
The excellent Sir *Walter Raleigh* beheaded	142
K. *James* I. died. K. *Charles* I. began, *Mar.* 27.	135
35,417 Perſons died of the Plague in *London*	135
The cruel *Iriſh* Maſſacre began, *October* 23.	119
Burleigh-houſe ſtormed by *Cromwel*, *July* 24.	117
K. *Charles* I. barbarouſly murdered, *Jan.* 30.	111
King *Charles* II. reſtored, *May* 29.	100
68,586 Perſons died of the Plague in *London*	95
London burnt, and a great Sea-Fight with the *Dutch*	94
War declared againſt the *Dutch*, *March* 17.	88
A great Snow for 11 Days together	86
The Town of *Northampton* burnt, *Sept.* 3.	85
A great and ſplendid Comet appeared	80
The great Froſt that held 13 Weeks	76
K. *Cha.* II. died, *Feb.* 6. and K. *James* II. began	75
The Duke of *Monmouth* beheaded, *July* 15.	75
Seven Biſhops ſent to the *Tower*, *June* 8.	72
King *James* II. abdicated, *December* 12.	72
K. *William* and Q. *Mary* crown'd, *April* 11.	71
The *French* Fleet intirely defeated by the *Engliſh*	68
Whitehall Palace intirely deſtroyed by Fire, except the *Banquetting-Houſe*	62
K. *William* died, *March* 8, and Q. *Anne* began	58
Q. *Anne* proclaimed War againſt *France*, *May* 4.	58
A great and terrible Wind, *Nov.* 26, and 27.	57
Gibraltar taken by the *Engliſh*	56
England and *Scotland* united, *May* 1.	53
Sacheverel preached his ſeditious Sermon, *Nov.* 5.	51

A.D.	
1710	Riots and great Diſturbances in *England*
1714	Q. *Anne* died, *Aug.* 1. and K. *George* I. began
1715	A famous Total Eclipſe of the ☉ in *England*, *April* 22. in the Morning
1715	A Rebellion in *Scotl.* and *Lancaſhire* ſuppreſſed
1716	A great Froſt in the Beginning of this Year
1718	The *Spaniſh* Fleet deſtroyed by Admiral *Byng*, near *Syracuſe*, *July* 31.
1719	A ſurprizing Meteor ſeen, *March* 19, at 8 at Night
	Mr. *Flamſtead*, a celebrated Aſtronomer, died *December* 31.
1727	The incomparable Sir *Iſ. Newton* died *Mar.* 20.
1727	K. *George* I. died, *June* 11, and K. *George* II. began
1734	The Prince and Princeſs of *Orange* married, *March* 14.
	The Battle of the *Breeches* in *Italy*, *Sept.* 4.
1736	The Pr. and Princeſs of *Wales* married, *Ap.* 27.
1739	Letters of Marque publiſhed in *London* againſt the *Spaniards*, *July* 16.
1739	War declared by *Great Britain* againſt *Spain*, *October* 23.
1739	*Porto-Bello* taken and deſtroyed by Admiral *Vernon*, *Nov.* 22.
1740	A very ſevere Froſt from *Dec.* 25. to *Feb.* 27.
1742	A Comet appeared from *Feb.* 18. to *Mar.* 14
1742	A Conjunction of ♄ and ♃ *Aug.* 18. in ♌
1743	A ſplendid Comet appeared from *Decemb.* 23. to *February* 18. in ♈.
1744	*March* 4. *France* declared War againſt *England*. and *March* 31. *England* declared War againſt *France*.
1745	*Cape Breton* taken from the *French*, *June* 16.
1746	The *Scotch* Highland Rebels defeated by his Royal Highneſs the Duke of *Cumberland*, at *Cullodon*, near *Inverneſs*, *April* 16.
1748	A General Peace, ſigned *Octob.* 7.

Of the Eclipſes of the Luminaries, and ſome other Cœleſtial Phænomena this Year 1760.

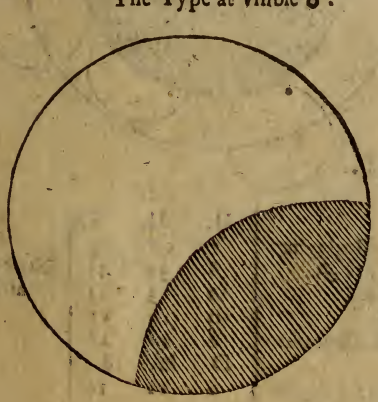
THERE will happen four Eclipſes this Year, two of each Luminary, in the following Order: Computed for the Latitude and Meridian of London, from Dr. *Halley*'s Tables.

The firſt is a ſmall and inconſiderable Eclipſe of the leſſer Luminary, the Moon, on *Thurſday* the 29th Day of May; it will be viſible here as follows.

	H.	M.	S.	
The Beginning,	9	13	35	
Ecliptc ☍	9	28	58	May 29th
Middle,	9	40	23	in the
End,	10	7	11	Evening.
Whole Duration,	0	53	36	
	D.	M.	S.	
Digits Eclipſed,	0	34	6	

The ſecond is a partial and viſible Eclipſe of the greater Luminary, the Sun, and happens on *Friday* the 13th Day of *June*, according to the following Type and Calculation.

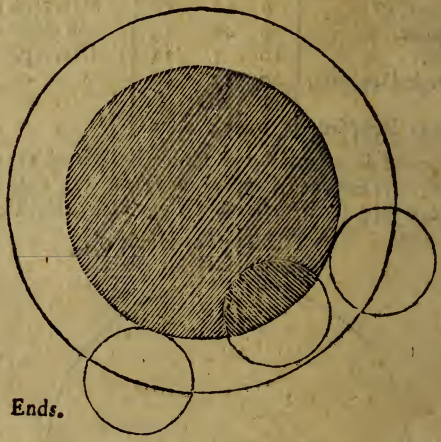
The Type at viſible ☌.



	H.	M.	S.	
The Beginning,	6	42	9	
Visible ☌	7	21	45	June 13th
Middle,	7	29	45	in the
End,	8	21	7	Morning.
Whole Duration,	1	38	58	
	D.	′	″	
Digits Eclipsed,	5	9	59	

The third is another visible Eclipse of the Moon, on *Saturday* the 22d of *November*.

The Type.



	H.	M.	S.	
The Beginning,	7	47	39	
Eclipse ☍	8	54	45	November 22d
Middle,	9	2	3	at Night.
End,	10	16	27	
Whole Duration	2	28	48	
	D.	M.	S.	
Digits Eclipsed.	6	26	10	

T

The fourth and laſt Eclipſe is of the Sun, on *Sunday* the th Day of *December*, near 2 in the Afternoon; but inviſible ere, and in all theſe Parts of the Globe.

The beautiful Planet *Venus* will adorn our Mornings, the Winter Spring, and Part of the Summer Quarter of this Year with her refulgent Rays.

On the 16th Day of *December* will happen a famous Conunction of *Mars* and *Venus*. They will ſet very near together rt about a Quarter paſt 6 o'Clock at Night.

A Table of the Eclipſes of *Jupiter*'s firſt Satellite, reduced to correct or apparent Time 1760.

January. Emerſions.				*March.* Immerſions.				*April* Immerſions.				*May.* Immerſions.			
D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.	D.	H.	M.	S.
♃ near the ☉				5	2	28	56	4	4	42	11	4	6	52	11
all this Month				6	20	57	54	5	23	11	11	6	1	20	45
and Part of the				8	15	26	51	7	17	40	11	7	19	49	18
next.				10	9	55	49	9	12	9	9	9	14	17	51
February. Immerſions.				12	4	24	50	11	6	38	7	11	8	46	19
				13	22	53	51	13	1	7	3	13	3	14	46
14	15	11	56	15	17	22	52	14	19	35	58	14	21	43	14
16	9	40	38	17	11	51	53	16	14	4	46	16	16	11	41
18	4	9	21	19	6	20	56	18	8	33	34	18	10	40	4
19	22	38	4	21	0	49	59	20	3	2	24	20	5	8	27
21	17	6	47	22	19	19	3	21	21	31	13	21	23	36	46
23	11	35	36	24	13	48	7	23	16	0	1	23	18	5	5
25	6	4	25	26	8	17	11	25	10	28	49	25	12	33	18
27	0	33	17	28	2	46	15	27	4	57	32	27	7	1	30
28	19	2	10	29	21	15	14	28	23	26	15	29	1	29	42
March.				31	15	44	12	30	17	54	56	30	19	57	53
1	13	31	4	*April.*				*May.*				*June.*			
3	7	59	59	2	10	13	12	2	12	23	36	1	14	26	5

June.

Immersions.			
D.	H.	M.	S.
3	8	54	16
5	3	22	28
6	21	50	3
8	16	18	47
10	10	46	55
12	5	15	2
13	23	43	9
15	18	11	10
17	12	39	10
19	7	7	19
21	1	35	27
22	20	3	34
24	14	31	41
26	8	59	50
28	3	27	58
29	21	56	8

July.

1	16	24	17
3	10	52	26
5	5	20	34
6	23	48	50
8	18	17	6
10	12	45	23
12	7	13	41
14	1	42	3
15	20	10	25
17	14	38	49
19	9	7	12
21	3	35	44
22	22	4	17
24	16	32	46
26	11	1	14
28	5	29	54
29	23	58	33
31	18	27	18

August

Immersions.			
D.	H.	M.	
2	12	56	4
4	7	24	51
6	1	53	39
7	20	22	33
9	14	51	27
11	9	20	20
13	3	49	13
Emersions			
16	19	3	53
18	13	32	59
20	8	2	6
22	2	31	14
23	21	0	23
25	15	29	30
27	9	58	48
29	4	28	3
30	22	57	18

September.

1	17	26	31
3	11	55	45
5	6	25	5
7	0	54	26
8	19	23	50
10	13	53	14
12	8	22	38
14	2	52	2
15	21	21	29
17	15	50	57
19	10	20	18
21	4	49	39
22	23	19	4
24	17	48	30
26	12	17	56
28	6	47	22
30	1	16	47

October.

Emersions.			
D.	H.	M.	
1	19	46	13
3	14	15	37
5	8	45	1
7	3	14	17
8	21	43	33
10	16	12	51
12	10	42	9
14	5	11	25
15	23	40	41
17	18	9	55
19	12	39	8
21	7	8	16
23	1	37	24
24	20	6	29
26	14	35	34
28	9	4	30
30	3	33	25
31	22	2	21

November.

2	16	31	18
4	11	0	9
6	5	29	0
7	23	57	46
9	18	26	31
11	12	55	12
13	7	23	53
15	1	52	25
16	20	20	57
18	14	49	28
20	9	17	58
22	3	46	23
23	22	14	47
25	16	43	6
27	11	11	25
29	5	39	39

December.

Emersions.			
D.	H.	M.	S.
1	0	7	53
2	18	36	5
4	13	4	16
6	7	32	20
8	2	0	23
9	20	28	30
11	14	56	36
13	9	24	38
15	3	52	40
16	22	20	40
18	16	48	40
20	11	16	40
22	5	44	39
24	0	12	35
25	18	40	30
27	13	8	30
29	7	36	30
31	2	4	34

The

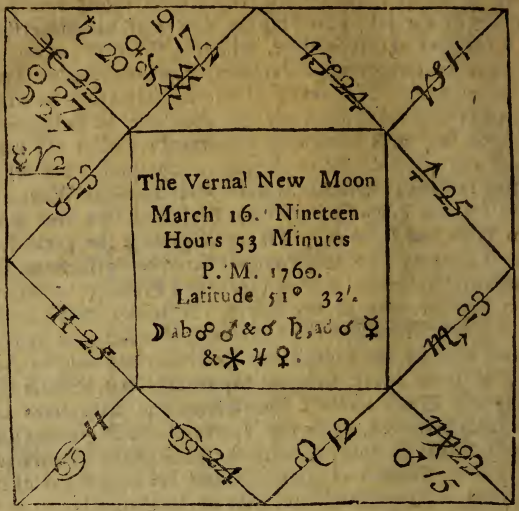
The Times of the Eclipſes contained in this Table, are adapted to the Meridian of the Royal Obſervatory near *London*; and by carefully obſerving the Times of the Immerſions and Emerſions of this Satellite, which is the moſt convenient and proper for Geographical Purpoſes, of any of the other three, 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 which have ſpent much Time and Labour, in Hopes of gaining the great Reward of Twenty Thouſand Pounds offered by Parliament, for a practical Method for 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 Emerſions 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 illuſtrate the Uſe of the Table by an Example.

Suppoſe on the 13th of *December* this preſent Year, the Emerſion of *Jupiter*'s firſt Satellite be obſerved by a Telleſcope, to happen at 44 Minutes and 28 Seconds paſt Eleven at Night, I find by the Table that the Time of this Emerſion will happen at the *Britiſh* Obſervatory, the ſame Night at 24 Minutes 38 Seconds after Nine: The Difference of the Time is two Hours 19 Minutes and fifty Seconds; which being converted into Degrees and Minutes of the Equator, gives thirty-four Degrees fifty-ſeven Minutes and thirty Seconds, the true Difference of Longitude Eaſtward; becauſe at the Place of Obſervation the Time is more from Noon, than at the Obſervatory.

See the Operation.

Emerſion at the Place of Obſervation,	11 44 28	
Emerſion at the Obſervatory,	9 24 38	
The Difference in Time is	2 19 50	
In Degrees of the Equator,	34 57 30	Eaſtward.



For Reaſons given ſome Years ſince in this Almanack, I always have a more ſpecial Regard to the Time of the *Lunation*, next preceding the Sun's Entrance into the Vernal Equinox. By this Figure the judicious Aſtrologer may very eaſily perceive that many extraordinary Events are likely to happen this Year.

Now Legions in the Field their Front diſplay,
To try the Fortune of ſome doubtful Day;
And move to meet their Foes with ſober Pace,
Strict to their Figure, tho' in wider Space,
Before the Battle joins, while from afar:
The Field yet glitters with the Pomp of War;
And equal Mars, *like an impartial Lord,*
Leaves all to Fortune, and the Dint of Sword.

A

A Table of the Equation of natural Days exactly calculated for the Year 1760.

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

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.

A Table of the Equation of natural Days, exactly calculated for the Year 1760.

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

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.

Objections againſt the COPERNICAN SYSTEM, anſwered by the Reverend and Learned Dr. DERHAM.

Continued from our laſt.

HAVING thus anſwered the Objections from Scripture, I ſhall in the laſt Place conſider thoſe brought from Senſe and Philoſophy.

The Objection from Senſe is, that we ſee the Heavenly Bodies actually to move, and therefore ought to believe they do ſo. But there is no Weight at all in this, becauſe whether we ourſelves, or the Object moveth, it amounts to the ſame. As is manifeſt to any one carried in a Boat or Chariot; the progreſſive Motion of which produceth the Appearance of a regreſſive Motion in the unmoved Objects we look upon; according to *Virgil*'s Deſcription of *Æneas* and his Company's leaving their Port.

Provehimur portu, terræque urbeſque recedunt.
i. e. Both Land and Town receded when we left our Port.

As for the Reaſon hereof, I ſhall refer to the Opticians, particularly the famous *Kepler*, who in his *Optices Aſtronom.* hath deſignedly handled this Point.

The Objections from Philoſophy are too numerous to be diſtinctly anſwered, eſpecially ſuch as ſeem very frivolous, particularly thoſe grounded on Suppoſition of the Verity of the *Ariſtotelian* Philoſophy as the Immutability and Incorruptability of the Heavens, *&c.* For Anſwers to which I ſhall refer the Reader to *Galilæo's Syſtem Mund.* But for ſuch Objections as ſeem to have ſome Reaſon in them, they are chiefly theſe. That if the Earth be moved from W. to E. a Bullet ſhot Weſtward would have a farther Range, than one ſhot Eaſtward; or if N. or S. it would miſs the Mark; or if perpendicularly upright, it would drop to the Weſtward

of

of the Gun. That a weight drop'd from the Top of a Tower, would not fall down juſt at the Bottom of the Tower, as we ſee it doth. That Birds flying towards the Eaſt would be hindered in their Flight, but forwarded in flying the contrary Way; with much more to the ſame Purpoſe. But not to enter into a Detail of Anſwers that might be given from the Laws of Motion, and the Rules of Mechanicks and Mathematicks, I ſhall only make uſe of the moſt ingenious *Galilæo*'s plain Experiment, which anſwereth all or moſt of the Objections. Shut, ſaith he, yourſelf up with your Friend in the great Cabin of a Ship, together with a Parcel of Gnats and Flies, and other little winged Creatures Procure alſo a great Tub of Water, and put Fiſhes therein. Hang alſo a Bottle of Water up, to empty itſelf Drop by Drop into another ſuch Bottle placed underneath with a narrow Neck. Whilſt the Ship lies ſtill, diligently obſerve how thoſe little winged Creatures fly with the like Swiftneſs towards every Part of the Cabin; how the Fiſhes ſwim indifferently towards all Sides; and how the deſcending Drops all fall into the Bottle underneath. And if you throw any thing to your Friend, you need uſe no more Force one Way than another, provided the Diſtance be equal. And if you leap you will reach as far one way as the other. Having obſerved theſe Particulars whilſt the Ship lies ſtill, make the Ship to ſail with what Velocity you pleaſe, and ſo long as the Motion is uniform, not fluctuating this way and that way, you ſhall not perceive there is any Alteration in the aforeſaid Effects; neither can you from them conclude whether the Ship moveth or ſtandeth ſtill. But in leaping you ſhall reach as far on the Floor as you did before; nor by reaſon of the Ship's Motion, ſhall you make a longer Leap towards the Poop then the Prow, notwithſtanding that whilſt you were up in the Air, the Floor under your Feet had run the contrary Way to your Leap. And if you caſt any thing to your Companion, you need uſe no more Strength to make it reach him, if he ſhould be towards the Prow, and you towards the Poop, than if you ſtood in a contrary Poſition. The Drops ſhall fall into the lower Bottle, and not one towards the Poop, although the Ship ſhall have run many Feet, whilſt the Drop was in the Air. The

Fiſhes

Fiſhes in the Water ſhall have no more Trouble in ſwimming towards the fore Part of the Tub, than towards the hinder Part, but ſhall make towards the Bait with equal Swiftneſs, on any ſide of the Tub. And laſtly the Gnats and Flies ſhall continue their Flight indifferently towards all Parts, and never be driven together towards the Side of the Cabin next the Prow, as if wearied with following the ſwift Motion of the Ship. And if by burning a few Grains of Incenſe, you make a little Smoak, you ſhall perceive it to aſcend on high, and hang like a Cloud, moving indifferently this Way and that, without any Inclination to one Side more than another. The Cauſe of which Correſpondence of the Effects is, that the Ship's Motion is common to all Things contained in it, and to the Air alſo: I mean when thoſe things are ſhut up in the Cabin: but when they are above Deck in the open Air, and not obliged to follow the Ship's Courſe, Differences more or leſs may ariſe among the forenamed Effects.

Thus *Galilæo* by this one Obſervation hath anſwered the moſt conſiderable Objections deduced from Philoſophy againſt the Motion of the Earth. And thus much ſhall ſuffice for the Explication and Proof of the *Copernican* Syſtem, eſpecially that Part of it relating to the Solar Syſtem. Which things I have more largely than ordinary inſiſted on, for the Satisfaction of many that I am ſenſible doubt of them, and particularly ſome of my Friends (and thoſe not unlearned too) who may be apt to read my Book with Prejudice whereſoever I favour the *Copernican* Notions.

FINIS.

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