Wing 1759

Ὀλύμπια Δώματα.

OR, AN

ALMANACK

For the YEAR of

Our LORD GOD, 1759.

Being the third after BISSEXTILE, or LEAP-YEAR.

And from the World's Creation, 5763.

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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STATIONERS.

Common Notes for the YEAR 1759.

Golden Number	12
Epact	1
Cycle of the Sun	4
Dominical Letter	G
Roman Indiction	7
Number of Direction	25

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	Tueſd.
From the day of St. Hilary, in 15 days	27	28	29	30	Tueſd.
On the Morrow of the Purif. Bleſſ. Ma.	Feb. 3	4	5	6	Tueſd
In eight days of the Purif. of Bleſſ. Mary,	9	10	11	12	Mond.

Eaſter Term begins May 2, ends May 28.

From the day of Eaſter in 15 Days,	April 29	30	mi	2	Wedn.
From the day of Eaſter in 3 Weeks,	May 6	7	8	9	Wedn.
From the day of Eaſter in 1 Month,	13	14	15	16	Wedn.
From the day of Eaſter in 5 Weeks,	2[illegible]	21	22	23	Wedn.
On the Morrow of the Aſcenſion,	25	26	27	28	Mond.

Trinity Term begins June 15, ends July 4.

On the Morrow of the Holy Trinity,	June 11	12	13	15	Frida.
In eight days of the Holy Trinity,	17	18	19	20	Wedn.
From the da. of the Holy Trin. in 15 Days	24	25	26	27	Wedn.
From the day of the Holy Trin. in 3 Weeks	1	2	3	4	Wedn.

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

On the Morrow of all Souls,	Nov. 3	4	5	6	Tueſd
On the Morrow of St. Martin,	12	13	14	15	Thurſ.
In eight days of St Martin,	18	19	20	21	Wedn.
In 15 days of St. Martin,	25	26	27	28	Wedn.

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

The *Exch quer* 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.
Villiam I.	1066 Oct. 14	20	11	22	693	William 1
Villiam II.	1087 Sept. 9	12	11	18	672	William 2
Henry I.	1100 Aug. 1	35	4	12	659	Henry 1
tephen	1135 Dec. 2	18	11	19	624	Stephen
Henry II.	1154 Oct. 25	34	9	2	605	Henry 2
Richard I.	1189 July 6	9	9	22	570	Richard 1
ohn	1199 April 6	17	7	1	560	John
Henry III.	1216 Oct. 19	56	1	1	543	Henry 3
Edward I.	1272 Nov. 16	34	8	9	487	Edward 1
Edward II.	1307 July 7	19	7	6	452	Edward 2
Edward III.	1327 Jan. 25	50	5	7	432	Edward 3
Richard II.	1377 June 21	22	3	16	382	Richard 2
Henry IV.	1399 Sept. 29	13	6	4	360	Henry 4
Henry V.	1413 Mar. 20	9	5	24	346	Henry 5
Henry VI.	1422 Aug. 31	38	6	17	337	Henry 6
Edward IV.	1461 Mar. 4	22	1	8	298	Edward 4
Edward V.	1483 April 9	0	2	18	276	Edward 5
Richard III.	1483 June 22	2	2	5	276	Richard 3
Henry VII.	1485 Aug. 22	23	8	19	274	Henry 7
Henry VIII.	1509 Apr. 22	37	10	1	250	Henry 8
Edward VI.	1547 Jan. 28	6	5	19	212	Edward 6
Q. Mary I.	1553 July 6	5	4	22	206	Q. Mary 1
Q. Elizabeth	1558 Nov. 17	44	4	15	201	Q. Elizabeth
James I.	1603 Mar. 24	22	0	3	156	James 1
Charles I.	1625 Mar. 27	23	11	1	134	Charles 1
Charles II.	1649 Jan. 30	36	0	7	110	Charles 2
James II.	1685 Feb. 6	4	0	17	74	James 2
Will. 3. & M.	1689 Feb. 13	13	0	14	70	William 3
Q. Anne	1702 Mar. 8	12	5	6	57	Q. Anne
George I.	1714 Aug. 1	12	11	6	45	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 1759.

Days	Jan. h. m.	Feb. h. m.	March h. m.	April h. m.	May h. m.	June h. m.
1	2A 7	3A 25	2A 8	3A 40	4A 22	5A 3[illegible]
2	3 4	4 15	3 0	4 36	5 18	6 2[illegible]
3	3 59	5 6	3 54	5 32	6 10	7 [illegible]
4	4 50	5 58	4 48	6 26	6 59	7 4[illegible]
5	5 39	6 50	5 41	7 18	7 44	8 2[illegible]
6	6 29	7 43	6 36	8 8	8 26	9 [illegible]
7	7 18	8 36	7 31	8 56	9 8	9 45
8	8 9	9 29	8 23	9 41	9 49	10 35
9	9 1	10 22	9 14	10 22	10 30	11 23
10	9 54	11 12	10 4	11 4	11 11	Morn.
11	10 48	Morn.	10 50	11 45	11 55	0 14
12	11 42	0 2	11 33	Morn.	Morn.	1 6
13	Morn.	0 47	Morn.	0 26	0 41	2 1
14	0 34	1 30	0 1[illegible]	1 8	1 30	2 58
15	1 24	2 11	0 56	1 53	2 20	3 53
16	2 11	2 52	1 37	2 40	3 15	4 44
17	2 56	3 33	2 18	3 30	4 9	5 36
18	3 38	4 15	3 2	4 21	5 4	6 25
19	4 18	5 0	3 47	5 15	5 58	7 15
20	4 59	5 46	4 35	6 11	6 51	8 6
21	5 40	6 34	5 25	7 6	7 43	8 57
22	6 23	7 26	6 19	8 2	8 33	9 52
23	7 9	8 22	7 15	8 57	9 25	10 49
24	7 57	9 22	8 14	9 50	10 17	11 47
25	8 49	10 22	9 11	10 43	11 13	0A 44
26	9 44	11 22	10 6	11 36	0A 12	1 41
27	10 42	0A 19	11 3	0 32	1 9	2 34
28	11 42	1 14	11 58	1 A30	2 7	3 24
29	0A 41		0A 54	2 28	3 5	4 10
30	1 38		1 48	3 26	4 0	4 54
31	2 33		2 44		4 52	

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

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 the present Year 1759.

July		August		Sept.		Octob.		Nov.		Dec.	
h.	m.	h.	m.	h.	m.	h.	m.	h.	m.	h.	m.
5A	35	6A	14	7A	25	8A	9	9A	37	9A	55
6	16	6	59	8	20	9	5	10	30	10	50
6	57	7	47	9	17	9	59	11	22	11	48
7	38	8	38	10	14	10	54	Morn.		Morn.	
8	24	9	33	11	10	11	49	0	18	0	49
9	10	10	29	Morn.		Morn.		1	16	1	50
9	59	11	27	0	6	0	42	2	17	2	51
10	52	Morn.		1	0	1	36	3	17	3	48
11	47	0	24	1	54	2	33	4	17	4	40
Morn.		1	18	2	47	3	30	5	13	5	27
0	43	2	12	3	41	4	29	6	7	6	9
1	40	3	4	4	35	5	27	6	55	6	52
2	35	3	55	5	32	6	25	7	40	7	33
3	27	4	46	6	30	7	19	8	23	8	13
4	18	5	39	7	25	8	9	9	4	8	55
5	8	6	32	8	22	8	55	9	45	9	36
5	58	7	28	9	14	9	39	10	25	10	20
6	48	8	25	10	3	10	23	11	6	11	7
7	41	9	21	10	49	11	5	11	A50	11	56
8	36	10	15	11	34	11	46	0	34	0	A48
9	32	11	8	0	A17	0	A26	1	22	1.	42
10	29	11	57	0	58	1	8	2	13	2	35
11	26	0	A43	1	38	1	53	3	5	3	27
0	A20	1	28	2	19	2	39	3	58	4	17
1	11	2	9	3	2	3	27	4	50	5	6
2	0	2	50	3	47	4	19	5	42	5	54
2	45	3	31	4	35	5	11	6	32	6	43
3	27	4	13	5	25	6	5	7	22	7	31
4	9	4	58	6	18	6	59	8	12	8	23
4	50	5	44	7	13	7	51	9	2	9	18
5	31	6	32			8	44			10	17

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

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

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

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

A TABLE of the Sea-Coaſts.	H.	M
Portſmouth, Queenborough, Southampton,	0	0
Rocheſter, Winchelſea, Flushing,	0	4
Downs, Graveſend, Ramkins, Guernſey,	1	3
Denbigh, Bell-Iſle, Holy-Iſle, Downs-Road,	2	1
London, Tinmouth, Whitby, Hartlepool,	3	0
Scarborough, Berwick, Flushings, Staples,	3	4
Flamborough, Humber, Bridlington-Bay,	4	3
Plymouth, Ramſey, Newcaſtle, Severn,	5	1
Lynn, Feſtlyke, Hull, Weymouth, Dartmouth, Croſs keys,	6	0
Boſton, Start-Point, Foulneſs, Briſtol-Key,	6	4
Bridgwater, Milford-Haven, Lizard, Wintertown,	7	3
Yarmouth, Iſle of White, the Needles,	8	1
Iſle of Man, Orkney, Pool, South-Foreland,	9	1
Dover, Harwich, Orfordneſs, Bullein,	10	1
Rye, Solebay, Margate-Road,	11	1

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

1. When the Shadow falls preciſely on the Hour 12, the he Time of the Moon's Southing, found in the precedin Table, is the exact Time of Night. But in other Caſes,

2. If the Shadow wants of 12, ſee how much it wants o ; which Time, ſubtracted from that of the Moon's Southing eaves the Time of Night. *Note*, You muſt add 12 Hours t he Moon's Southing, if need be.

3. If the Shadow has paſt 12, add the Time that it ha ſtill it to the Time of the Moon's Southing; the Sum will b he Time of Night required; abating 12 Hours from tha um, 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 *Mercury*, in the Page after *December*.

January 1759.

First Quarter the 6th day, at 10 in morn.
Full Moon the 13th day, at 8 in the morn.
Last Quarter the 21st day, at 11 in morn.
New Moon the 28th day, at 8 at night.

Days	Jupiter rises.	Venus rises.
1	7M35	7M58
6	7 18	8 2
11	7 0	sets
16	6 43	4A 9
21	6 27	4 22
26	6 10	4 37

M D	W D	Holy Days. ☉ rises and sets.	Moon sets.	Moon's Place.	Moon's Declin	Aspects and Weather.
1	M	Circumcision.	6A 31	9♒30	19 S 58	Sharp frosty
2	T	Sun rise 8 9	7 51	23 47	16 41	Air at the Be-
3	W	Sun set 3 52	9 13	8♓ 7	12 24	ginning.
4	T		10 33	22 27	7 27	
5	F	Old Christ. Day	11 51	6♈42	2 7	
6	S	Epiphany.	Morn.	20 51	3N 16	
7	G	1S. aft. Epip.	1 10	4♉50	8 26	Snow or cold
8	M	Lucian	2 28	18 40	13 9	Rain for seve-
9	T	Daybreak 5 55	3 44	2♊21	17 5	ral Days
10	W	Pss. Eliz. born	4 59	15 49	20 6	
11	T	Twilight 2 8	6 9	29 5	21 57	
12	F	Old N. Year. da.	7 10	12♋ 7	22 35	☌☉♀
13	S	Hilary.	☽ rises.	24 55	21 59	
14	G	2 S. aft. Epiph	5A 23	7♌30	20 19	
15	M	Cloc. fast 10m	6 29	19 51	17 42	
16	T		7 37	2♍ 2	14 19	☌☌☿
17	W	Old Twelft. day	8 44	14 3	10 25	Windy and
18	T	Prisca Virgin	9 49	25 59	6 9	rainy Weather
19	F	Daybreak 5 46	10 54	7♎51	1 40	☌♀☿☌☉☿
20	S	Fabian	11 59	19 45	2 S 52	may now [By
21	G	3 S. aft. Epiph	Morn.	1♏44	7 20	Agnes Virg.
22	M	Vincent.	1 7	13 53	11 36	be expected.
23	T	Term begins	2 16	26 17	15 28	
24	W	Twilight 2 4	3 25	8♐59	18 43	
25	T	Conv. St. Paul	4 35	22 5	21 8	Sharp Frosts
26	F	Sun rise 7 40	5 42	5♑34	22 26	and perhaps
27	S	Sun set 4 21	6 43	19 29	22 25	some Snow
28	G	4 S. aft. Epiph	☽ sets.	3♒47	20 55	towards the
29	M		5A 18	18 22	18 2	End
30	T	K. Char. I. M	6 41	3♓ 9	13 56	☌☌♀
31	W		8 6	17 59	9 2	

Wing.	Day	Saturn. ♓	Declin.	Jupiter. ♍	Declin	Mars. ♍	Declin.	Venus. ♍	Declin.
	1	0 7	12 S 58	3 22	23 S 19	22 1	22 S 42	8 15	23 S 44
Janu:	6	0 36	12 48	4 31	23 17	25 55	22 1	14 30	23 21
1759.	11	1 6	12 35	5 39	23 15	29 51	21 15	20 50	22 42
	16	1 37	12 25	6 46	23 13	3♒46	20 23	27 7	21 44
	21	2 9	12 14	7 53	23 9	7 43	19 24	3♒24	20 32
	26	2 43	12 2	8 59	23 6	11 39	18 21	9 41	19 4

M D	Sun's Place.	Sun's Declin.	Observations.
1	10♑54	23 S 2	Day increased 8 minutes
2	11 55	22 57	Seven Stars south 40 m. past 8 at night.
3	12 56	22 51	Mercury's greatest Vespertine Elongation
4	13 57	22 45	from the Sun 19° 10′, sets 1 ho. 37. min.
5	14 58	22 38	after him.
6	15 59	22 31	
G	17 1	22 24	Now winter's bleak uncomfortable rain,
8	18 2	22 16	And snowy inundation hides the plain:
9	19 3	22 8	And first the mountain tops are cover'd o'er,
10	20 4	21 59	Then the green fields, and then the sandy shore:
11	21 5	21 50	The circling seas alone absorbing all,
12	22 6	21 40	Drink the dissolving fleeces as they fall.
13	23 7	21 30	Cambridge Term begins.
G	24 9	21 19	Mars sets 46 min. past 4 in the aftern.
15	25 10	21 8	Oxford Term begins.
16	26 11	20 57	Saturn sets 23 min. after 7 at night.
17	27 12	20 45	☽ in Apogeo. and furthest from the Earth.
18	28 13	20 33	
19	29 14	20 21	Day 8 hours 18 minutes long.
20	♒ 15	20 8	Sun enters ♒ 55 min. past 5 in the morn.
G	1 16	19 55	Apparent Time.
22	2 17	19 41	Mars sets 47 min. past 7 at night.
23	3 18	19 27	Day increased 56 minutes.
24	4 19	19 13	
25	5 20	18 58	Saturn sets 51 min. after 6 at night.
26	6 21	18 43	Seven Stars south 56 min. past 6 at night.
27	7 22	18 28	Sirius south 54 min. after 9 at night.
G	8 23	18 12	
29	9 24	17 56	Day 8 Hours 50 minutes long.
30	10 25	17 40	Rigel south 10 min. past 8 at night.
31	11 26	17 23	☽ in Perigeo, and nearest to the earth.

February 1759.

First Quarter the 4th day at noon.
Full Moon the 12th day at 2 in the morn
Laſt Quarter the 20th day at 6 in the morn.
New Moon the 27th day at 7 in the morn

Days	Jupiter rises.	Venus sets.
1	5 A 51	4 A 55
6	5 35	5 11
11	5 18	5 27
16	5 3	5 44
21	4 48	6 1
26	4 32	6 17

M D	W D	Holy Days ☉ rises and sets.	Moon sets.	Moon's Place.	Moon's Declin.	Signs and Weather.
1	T		9 A 28	2 ♈ 44	3 S 36	
2	F	Purifi. B. V. Ma.	10 49	17 18	1 N 59	Mild, the Sea-
3	S	Blaze.	Morn.	1 ♉ 36	7 21	ſon conſidered.
4	C	5 S. afr. Epiph.	0 10	15 36	12 14	
5	M	Agatha.	1 28	29 16	16 22	
6	T	Sun riſe 7 22	2 43	12 ♊ 39	19 34	
7	W	Sun ſet 4 40	3 54	25 46	21 40	
8	T	Daybreak 5 19	4 57	8 ♋ 39	22 35	
9	F	Twilight 1 59	5 50	21 19	22 18	Cold Winds,
10	S	-	6 34	3 ♌ 48	20 56	producin
11	C	Septuageſim.	7 10	16 7	18 35	Snow or Sleet.
12	M	Term ends.	☽ riſes	28 18	15 24	
13	T	Old Candl. day.	6 A 28	10 ♍ 21	11 37	
14	W	Valentine.	7 33	2 19	7 24	
15	T	Clo. faſt 15 m	8 39	4 ♎ 12	2 59	☌ ♄ ☿
16	F	Daybreak 5 6	9 44	16 4	1 S 36	
17	S		10 50	27 58	6 5	
18	C	Sexageſima.	11 58	9 ♏ 56	10 25	
19	M	Sun riſe 6 57	Morn.	22 2	14 23	☌ ☉ ☌ Tem-
20	T	Sun ſet 5 5	1 -	4 ♐ 22	17 47	perate Weather
21	W	Twilight 1 56	2 16	16 59	20 29	but ſomewhat
22	T	Clo. faſt 14 m.	3 22	29 58	22 11	ſhowry.
23	F		4 25	13 ♑ 24	22 41	✶ ♅ ☿
24	S	St. Matthias.	5 20	27 18	22 50	
25	C	Shrove Sunday.	6 5	11 ♒ 41	19 33	☌ ☉ ♄
26	M	Sun riſe 6 44	6 42	26 29	15 55	☌ ♄ ☌ Froſty
27	T	Shrove Tueſday	☽ ſets.	11 ♓ 34	11 12	at the End.
28	W	Aſh Wedneſday	7 A 2	26 47	5 44	

Wing.	Days	Saturn. ♑	Declin.	Jupiter. ♍	Declin.	Mars. ♒	Declin.	Venus. ♒	Declin.
	1	3 25	11 S 46	10 16	23 S 0	16 24	16 S 59	17 12	17 S 0
Feb.	6	4 0	11 34	11 19	22 56	20 21	15 46	23 28	15 3
	11	4 36	11 21	12 21	22 51	24 18	14 27	29 44	12 56
1759.	16	5 13	11 7	13 21	22 46	28 15	13 6	6♓ 0	10 41
	21	5 50	10 53	14 19	22 40	2♓ 12	11 42	12 15	8 18
	26	6 27	10 41	15 15	22 35	6 9	10 14	18 29	5 50

M D	Sun's Place.	Sun's Declin	Observations.
1	12 ♒ 26	17 S 6	
2	13 27	16 49	Day increased 1 hour 28 minutes.
3	14 28	16 31	Saturn sets 20 min. after 6 at night.
G	15 29	16 13	Mars sets 53 min. past 4 in the afternoon.
5	16 30	15 55	
6	17 30	15 37	Procyon south 5 min. past 10 at night.
7	18 31	15 18	Day 9 hours 20 minutes long.
8	19 32	14 59	Day increased 1 hour 50 minutes.
9	20 32	14 40	Sirius south 1 minute after 9 at night.
10	21 33	14 21	
G	22 34	14 1	Mercury rises at 6 in the morning.
12	23 34	13 41	Procyon south 42 min. past 9 at night.
13	24 35	13 21	Mercury's greatest Matutine Elong. from the Sun 26° 20', rises 1 h. 5 m. bef. him.
14	25 35	12 1	
15	26 36	12 40	Capella south 2 min. after 7 at night.
16	27 36	12 20	
17	28 37	11 59	
G	29 37	11 38	Sun enters ♓, 46 m. past 8 at night.
19	♓ 38	11 16	Sirius south 23 min. after 8 at night.
20	1 38	10 55	Day 10 hours 10 minutes long.
21	2 39	10 33	Day increased 2 hours 40 minutes.
22	3 39	10 11	Procyon south 3 min. past 9 at night.
23	4 39	9 49	
24	5 39	9 27	Hydra's Heart south 45 min. past 10 night.
G	6 40	9 5	Lion's Heart south 20 min. aft. 11 night.
26	7 40	8 43	Day 10 hours 32 minutes long.
27	8 40	8 20	Day increased 3 hours 2 minutes.
28	9 40	7 57	☽ in Perigeo and nearest to the earth.

March 1759.

First Quarter the 5th day, at 10 at night.
Full Moon the 13th day, at 8 at night.
Last Quarter the 21st day, at 10 at night.
New Moon the 28th day, at 4 in the aft.

Days	Jupiter rises	Venus sets.
1	4 M 25	6 A 28
6	4 7	6 45
11	3 51	7 3
16	3 35	7 20
21	3 20	7 37
26	3 4	7 55

M D	W D	Holy Days. ☉ rises and sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	David	8 A 29	11 ♈ 58	0 N 4	
2	F	Chad	9 54	26 54	5 46	High Winds
3	S	Sun sets 5 26	11 16	11 ♉ 30	11 2	and plenty of
4	☿	1 Sund. in Lent	Morn.	25 40	15 33	cold Rain or
5	M	Prs. Hesse born	0 35	9 ♊ 24	19 4	Snow.
6	Γ		1 49	22 44	21 28	
7	W	Ember Week	2 57	5 ♋ 44	22 39	☀ ☉ ☿
8	T	Daybreak 4 28	3 54	18 22	22 38	
9	F	Twilight 1 57	4 41	0 ♌ 48	21 29	More tempe-
10	S	Cl. fast 11 min.	5 16	13 4	19 19	rate Weather a-
11	G	2 Sund. in Lent	5 46	25 10	16 20	bout this Time.
12	M	Gregory	6 10	7 ♍ 11	12 40	
13	T		☽ rises.	19 7	8 33	♂ ♄ ☿ ☀ ☿ ♂
14	W	Sun rise 6 12	6 A 34	1 ♎ 0	4 6	
15	T	Sun set 5 50	7 40	12 52	0 S 28	
16	F		8 46	24 45	5 2	
17	S	St. Patrick	9 54	6 ♏ 40	9 27	
18	G	3 Sund. in Lent	11	18 40	13 31	
19	M	Prs. Louisa bo.	Morn.	0 ♐ 47	17 6	☀ ☿ ☿
20	T	Eq. Day & Nig.	0	13 6	19 58	Changeable
21	W	Benedict	1 17	25 39	21 58	Weather for
22	T	Daybreak 3 57	2 20	8 ♑ 33	22 53	some Days.
23	F	Clock fast 7 m.	3 17	21 50	22 33	♂ ♂ ☿ □ ☿ ☿
24	S		4 5	5 ♒ 36	20 50	
25	G	Midlent Sunda	4 44	Lady-	Day.	Pr. Edw. born.
26	M	Sun rise 5 48	5 17	4 ♓ 33	13 34	
27	T	Sun set 6 14	5 44	19 39	8 21	Rain and Wind
28	W	Daybreak 3 43	☽ sets.	4 ♈ 59	2 34	towards the
29	Γ	Twilight 2 2	7 A 32	20 20	3 N 24	End.
30	F	Clocks fast 5 m.	8 58	5 ♉ 32	9 5	♂ ☉ ☿ D.
31	S		10 23	20 23	14 9	

Red Baker built the 10th at Bowley's
Blackfinch Baker built y. 12th at Do
Red Baker built again y. 19th of May at
again July the 1st at Geo: Reads

Wing.	Days.	Saturn. ♄	Declin.	Jupiter. ♃	Declin.	Mars. ♂	Declin.	Venus. ♀	Declin.
	☽	6 48	10 S 32	15 47	22 S 31	8 31	9 S 20	22 13	4 S 20
	☾	7 25	10 19	16 39	22 26	12 27	7 49	28 27	1 47
Mar.	11	8 1	10 5	17 28	22 19	16 23	6 17	4 ♈ 40	0 N 48
	16	8 37	9 52	18 14	22 14	20 18	4 43	10 53	3 23
1759	21	9 11	9 40	18 58	22 8	24 12	3 8	17 4	5 57
	26	9 45	9 28	19 39	22 3	28 6	1 33	23 15	8 26

M D	Sun Place.	Sun's Declin.
1	10 ♓ 40	7 S 35
2	11 40	7 12
3	12 40	6 49
G	13 41	6 26
5	14 41	6 3
6	15 40	5 40
7	16 40	5 16
8	17 40	4 53
9	18 40	4 29
10	19 40	4 6
G	20 40	3 42
12	21 40	3 19
13	22 39	2 55
14	23 39	2 32
15	24 39	2 8
16	25 38	1 44
17	26 38	1 21
G	27 37	0 57
19	28 37	0 33
20	29 36	0 9
21	♈ 36	0 N 14
22	1 35	0 38
23	2 35	1 2
24	3 34	1 35
G	4 33	1 49
26	5 33	2 12
27	6 32	2 36
28	7 31	2 59
29	8 30	3 23
30	9 30	3 46
31	10 29	4 9

Observations.

Behold! The rival winds their quarrel try,
Contending for the kingdom of the sky,
South, East, and West, on airy courses born,
The whirlwind gathers, and the woods are torn.

Day 11 hours 8 minutes long.
Pollux south 15 minutes after 8 at night.
Day increased 3 hours 42 minutes.

Saturn rises 3 min. past 6 in the morning.
Mars rises 11 min. after 6 in the morn.

☽ in Apogeo, and furthest from the earth.
Lion's heart south 14 m. after 10 at night.
Day 11 hours 44 minutes long.
Day increased 4 h. 14 minutes.

Mars rises 54 min. past 5 in the morning.
Sun enters ♈ 22 minutes past 9 at night.
Saturn rises 29 min. after 5 in the morn.
Hydra's heart south 9 m. past 9 at night.

Day 12 hours 16 minutes long.
Day increased 4 hours 46 minutes.
Deneb south 15 min. after 11 at night.

☽ in Perigeo and neareſt the earth.
Hydra's heart south 44 m. past 8 at night.
Lion's heart south 19 m. past 9 at night.

April 1759

First Quarter the 4th day, at 11 in the m.
Full Moon the 12th day, at 1 in the after.
Last Quarter 20th day, at 10 in the morn.
New Moon the 26th day, at midnight.

Days	Jupiter rises.	Venus sets.
1	2M45	8A17
6	2 28	8 34
11	2 1	8 52
16	1 5	9 9
21	1 31	9 27
26	1 10	9 44

M D	W D	Holy Days. ☉ rises & sets.	Moon sets.	Moon's Place	Moon's Declin	Aspects and Weather.
1	G	Passion Sunday	11A 42	4♊47	18N 13	
2	M	Day break 3 31	Morn	18 42	21 7	Windy, but fair
3	T	Richard.	0 55	2♋ 7	22 42	for the most
4	W	St. Ambrose	1 57	15 7	22 59	□ ☿ ♀ part
5	T	Old Lady day	2 48	27 45	22 5	
6	F	Su. rises 5 26	3 28	10♌ 7	20 8	
7	S	Sun set 6 35	3 59	22 15	17 17	
8	G	Palm Sunday	4 25	4♍16	13 43	
9	M		4 46	16 11	9 40	
10	T	Twilight 2 11	5 4	28 3	5 16	✶ ♄ ♀ mild &
11	W	Cl. fast 1 min.	5 21	9♎54	0 39	□ ☉ ☿ some
12	T	Maundy Thur.	☽ rises	21 47	3S. 58	fruitful
13	F	Good Friday	7A.53	3♏43	8 29	showers.
14	S	Sun rises 5 11	9 1	15 43	12 42	
15	G	Easter Day	10 10	27 49	16 28	✶ ☿ ♀
16	M	Monday	11 18	10♐ 3	19 33	
17	T	Tuesday	Morn	22 27	21 48	
18	W		0 23	5♑ 4	23 0	△ ☿ ♀ Warm
19	T	Alphege	1 20	17 58	23 1	and pleasant
20	F	Cl. slow 1 min.	2 9	1♒12	21 46	weather.
21	S	Sun set 4 58	2 51	14 49	19 13	△ ☿ ♀
22	G	Low Sunday	3 25	28 52	15 29	
23	M	St. George	3 53	13♓21	10 45	
24	T	Day break 2 30	4 17	28 1	5 15	
25	W	St. Mark	4 38	13♈27	0N 39	
26	T	D. Cumb. bor.	☽ sets	28 33	6 32	□ ☿ ♂ brisk
27	F	Sun rises 4 47	7A 58	13♉42	12 2	winds and
28	S	Sun set 7 15	9 23	28 36	16 43	some showers.
29	G	2 S. aft. Easter	10 43	13♊ 7	20 16	
30	M		11 53	27 9	22 28	

Again July the 1st at Geo: Rachis ♉ ☿

Wing.	Days	Saturn. ♑	Declin.	Jupiter. ♍	Declin.	Mars. ♈	Declin.	Venus. ♉	Declin.
	1	10 26	9 S 12	20 22	21 S 57	2 45	0 N 19	0 38	11 N 18
April,	6	10 59	9 0	20 54	21 53	6 37	1 53	6 47	13 35
1759.	11	11 30	8 49	21 22	21 50	10 28	3 27	12 55	15 44
	16	12 0	8 37	21 46	21 46	14 18	4 59	19 3	17 43
	21	12 29	8 27	22 6	21 44	18 6	6 29	25 9	19 30
	26	12 57	8 18	22 22	21 42	21 54	7 57	1 ♊ 14	21 6

M D	Sun's Place.	Sun's Declin.	Observations.
G	11 ♈ 28	4 N 33	
2	12 27	4 56	Saturn rises 49 min. past 4 in the morn.
3	13 26	5 19	Mars rises 19 min. after 5 in the morn.
4	14 25	5 42	Day 13 hours long.
5	15 24	6 4	
6	16 23	6 27	Cambridge Term ends:
7	17 22	6 50	Oxford Term ends.
G	18 20	7 12	Day increased 5 hours 40 min.
9	19 19	7 35	Saturn rises 24 min. after 4 in the morn.
10	20 18	7 57	Deneb south 20 min past 10 at night.
11	21 17	8 19	☽ in Apogeo, furthest from the earth.
12	22 15	8 41	
13	23 14	9 3	In this soft season, warm descending showers,
14	24 13	9 24	Call forth the greens, and wake the rising flow'rs,
G	25 11	9 46	Now the pale primrose, and blue vi'let spring,
16	26 10	10 7	And birds essay their throats, diffus'd to sing.
17	27 8	0 28	
18	28 7	10 49	Mars rises 42 min. after 5 in the morn.
19	29 5	11 10	Saturn rises 49 min. past 3 in the morn.
20	♉ 4	11 31	Sun enters ♉ 25 min. after 10 in the mo.
21	1 2	11 51	Vindemiatrix south 53 m. past 10 at night
G	2 1	12 12	
23	2 59	12 32	Day 14 hours 12 minutes long.
24	3 57	12 52	Day increased 6 hours 40 min.
25	4 56	13 11	Oxford and Cambridge Term begin.
26	5 54	13 31	Mercury's greatest Vespertine Elong. from
27	6 52	13 50	the Sun 20° 28', sets 2 h. 11 m. aft. him.
28	7 50	14 9	
G	8 49	14 28	Arctu rus south 37 min. past 11 at night.
30	9 47	14 46	Virgin's Spike south 42 m. aft. 10 at nig

May 1759.

First Quarter the 4th day, at 1 in the morn.
Full Moon the 12th day, at 5 at night.
Last Quarter the 19th day, at 6 at night.
New Moon the 26th day, at 9 in the morn.

Days	Jupiter rises.	Venus rises.
1	1M 1	9M59
6	0 43	10 14
11	0 23	10 27
16	0 4	10 37
21	11A40	10 45
26	11 19	10 50

M D	W D	Holy Days. ☉rises and sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	T	St. Phil. & Jacob	Morn.	10♑43	23 N 16	Fair and plea-
2	W	Term begins	0 50	23 49	22 43	sant.
3	T	Invent. Cross	1 35	6♌31	21 1	
4	F	Daybreak 1 55	2 10	18 54	18 21	✱ ☉ ♄
5	S	Twilight 2 44	2 36	1♍ 3	14 55	
6	G	3 S. aft. Easter	2 58	13 3	10 57	St. John a. P. L
7	M		3 18	24 56	6 34	□ ♄ ♀ Cold
8	T	Sun rise 4 28	3 33	6♎48	1 59	Winds, but
9	W	Sun sets 7 34	3 50	18 41	2 S 42	fair for the
10	T	Daybreak 1 32	4 7	0♏37	7 18	most Part.
11	F	Twilight 2 58	4 24	12 38	11 40	
12	S	Old May-day	☽ rises.	24 47	15 38	
13	G	4 S. aft. Easter	9 A14	7♐ 4	18 59	△ ☉ ♅
14	M	Sun rise 4 19	10 21	19 30	21 30	
15	T	Cl. slow 4 min.	11 21	2♑ 7	22 59	
16	W		Morn.	14 58	23 18	Windy about
17	T	Twilight 3 20	0 14	28 2	22 24	his Time, and
18	F	Daybreak 0 54	0 56	11♒22	20 11	♂ ☉ ☿ ℞
19	S	Dunstan.	1 30	24 59	16 50	some Showers.
20	G	Rogation Sun.	1 59	8♓56	12 27	
21	M		2 23	23 10	7 19	
22	T	All Twilight	2 45	7♈43	1 41	
23	W	Sun rise 4 7	3 6	22 20	4N 8	
24	T	Holy Thursda.	3 27	7♉20	9 45	Pr. Fre. Wil. b.
25	F	Sun set 7 56	3 51	22 10	14 49	
26	S	Augu. A.B.C.	☽ sets.	6♊50	18 55	
27	G	6 S. aft. Easter	9 A32	21 12	21 46	Ve. Be. ✱ ♄ ♂
28	M	Term ends	10 37	5♑11	23 13	Warm plea-
29	T	K. Cha. II. Rest	11 28	18 46	23 13	sant Weather
30	W	Cl. slow 3 m.	Morn.	1♌56	21 55	△ ♅ ☿ fere.
31	T		0 8	14 43	19 31	at the End.

Excise

A fair

again July the 1st at Geo: Hatchis

Wing.	Day	Saturn ♄			Jupiter ♃			Mars ♂			Venus ♀		
				Dec.			Decl.			Decl.			Decl
	1	13	23	8 S 9	22	33	21 S 41	25	40	9 N 22	7	18	22 N 25
	6	13	48	8 0	22	39	21 41	29	26	10 46	13	21	23 31
May	11	14	10	7 53	22 R	40	21 41	3 ♉	9	12 6	19	23	24 19
1759.	16	14	30	7 46	22	37	21 42	6	51	13 24	25	24	24 52
	21	14	48	7 40	22	30	21 44	10	32	14 38	1 ♊	23	25 6
	26	15	4	7 35	22	17	21 47	14	12	15 48	7	21	25 2

Day of the Month	Sun's Place.		Sun's Declin.		Observations.
1	10 ♉	45	15 N	5	
2	11	43	15	23	Saturn rises 2 m. past 3 in the morning.
3	12	41	15	40	Mars rises 6 m. after 4 in the morning.
4	13	39	15	58	Day 14 h. 52 m. long.
5	14	37	16	15	Day increased 7 h. 20 m.
G 6	15	35	16	32	Scorpion's Heart south 24 m. past 1 in the
7	16	33	16	49	morning.
8	17	31	17	5	Arcturus south 3 m. past 11 at night.
9	18	29	17	22	☽ in Apogeo, farthest from the Earth.
10	19	27	17	37	Saturn rises 34 m. after 2 in the morning.
11	20	25	17	53	Mars rises 46 m. past 3 in the morning.
12	21	22	18	8	Scorpion's Heart south at 1 in the morning.
G 13	22	20	18	23	
14	23	18	18	38	Virgin's Spike south 48 m. after 9 at night.
15	24	16	18	52	Day increased 7 h. 52 m.
16	25	13	19	6	Day 15 h. 28 m. long.
17	26	11	19	20	Arcturus south 28 m. past 10 at night.
18	27	9	19	33	
19	28	6	19	47	Mars rises 25 m. after 3 in the morning.
G 20	29	4	19	59	Saturn rises 56 m. past 1 in the morning.
21	♊	2	20	12	Sun enters ♊ 2 m. after 11 in the morning.
22	0	59	20	24	
23	1	57	20	35	☽ in Perigeo, nearest to the Earth.
24	2	54	20	47	Day 15 h. 50 m. long.
25	3	52	20	57	Day increased 8 h. 18 m.
26	4	50	21	8	
G 27	5	47	21	19	Scorpion's Heart south 58 m. past 11 at night.
28	6	45	21	29	Saturn rises 23 m. after 1 in the morning.
29	7	4	21	38	Mars rises at 3 in the morning.
30	8	39	21	47	
31	9	37	21	56	Oxford Term ends.

June 1759.

Days	Jupiter rises.	Venus sets.
1	10 A 54	10 A5
6	10 32	10 5
11	10 10	10 5
16	9 49	10 4
21	9 26	10 4
26	9 3	10 [illegible]

First Quarter the 2d day, at 5 in the aftern.
Full Moon the 10th day, at 6 in the aftern.
Last Quarter the 1[illegible]th day, at 11 at night.
New Moon the 24th day, at 5 in the aftern.

D M	D W	Holy-Days, ☉ rises & sets.	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	F	Nicomede.	0 M 39	27 ♌ 10	6 N 16	
2	S	Sun rises 3 56	1 3	9 ♍ 2[illegible]	12 22	△ ♄ ♀
3	G	Whit-Sunday	1 23	21 23	8 3	
4	M	Monday.	1 40	3 ♎ 18	3 29	Pr. of Wales born
5	T	Tuesday.	1 55	15 11	1 S 13	△ ♃ ♂ Fair and
6	W	Ember-Week	2 11	27 6	5 53	□ ☉ ♄ pleasant
7	Th		2 29	9 ♏ 6	10 21	☍ ♃ ♀ about
8	F	Cl flow 2 m.	2 48	21 14	14 29	this time.
9	S	Sun sets 8 9	3 10	3 ♐ 33	18 4	☌ ♃ ☿ *ferè.*
10	G	Trinity-Sund	☽ rises	16 3	20 54	Prs. Amelia born
11	M	St. Barnabas.	9 A 11	28 47	22 45	(✱ ♂
12	T	Sun rises 3 50	10 8	11 ♑ 44	23 26	
13	W	Cl. flo. 1 m.	10 54	24 54	22 48	
14	Th	Corpus Christ.	11 31	8 ♒ 18	20 53	
15	F	Term begins.	Morn.	21 55	17 47	
16	S		0 0	5 ♓ 44	13 39	✱ ♀ ☿ Windy
17	G	1 S. aft. Trin.	0 25	19 44	8 42	St. Alban. and
18	M	Sun rises 3 48	0 46	3 ♈ 54	3 17	frequent showers
19	T	Sun sets 8 12	1 7	18 12	2 N 23	for several
20	W	Edw K WS	1 27	2 ♉ 35	7 56	days.
21	Th	Longest-Day.	1 49	17 0	13 5	
22	F	K. Geo. II. In.	2 14	1 ♊ 23	17 29	
23	S	Cl. fast 2 m.	2 46	15 37	20 49	
24	G	2 S. aft. Trin.	☽ sets	29 38	22 50	St. John Baptist
25	M		9 A 13	13 ♋ 23	23 24	Hot gleams
26	T	K. Geo. II. Pr.	9 58	26 48	22 38	and frequent
27	W	Sun rises 3 48	10 33	9 ♌ 53	20 36	showers.
28	Th	Sun sets 8 11	11 0	22 39	17 34	
29	F	St. Pet. & Paul.	11 21	5 ♍ 7	13 51	
30	S		11 40	17 21	9 36	

Send out

Continue up

Mowing

Milking Stirk Bulls 2: at G. Peachs

... at Geo: Peachs

ving.	Day	Saturn ♄	Dec.	Jupiter ♃	℞	Decl	Mars ♂	Decl.	Venus ♀	Decl.
	1	15 21	7 S30	21 56		21S52	18 34	17N 7	14 29	24N34
	6	15 33	7 26	21 34		21 56	22 11	18 8	20 24	23 51
June	11	15 41	7 24	21 8		22 1	25 46	19 3	26 17	22 53
1759.	16	15 47	7 21	20 30		22 6	29 20	19 55	2♌ 8	21 37
	21	15 52	7 21	20 6		22 12	2♊53	20 42	7 57	20 10
	26	15 53	7 23	19 32		22 18	6 24	21 25	13 44	18 30

	Sun's Place.		Sun's Declin		Observations.
1	10	♊ 34	22N	4	
2	11	32	22	12	*An Iron Harveſt on the Field appears,*
3	12	29	22	20	*Of Lances, burniſh'd Shields, and briſtling Spears.*
4	13	26	22	27	*The King leads on, all fix on him their Eye,*
5	14	24	22	34	*And learn from him to conquer or to die.*
6	15	21	22	41	☽ in Apogeo, fartheſt from the Earth.
7	16	19	22	47	Lyra ſouth 31 m. paſt 1 in the morning.
8	17	16	22	52	Day increaſed 8 h. 42 m.
9	18	13	22	58	Day 16 h. 18 m. long.
10	19	10	23	3	
11	20	8	23	7	Saturn riſes 33 m. before 1 in the morning
12	21	5	23	11	Mars riſes 28 m. after 2 in the morning
13	22	2	23	15	Oxford Term begins.
14	23	0	23	18	Mercury's greateſt Matutine Elongation
15	23	57	23	21	from the ☉ 22° 53′, riſes 53 m. before
16	24	54	23	23	him.
17	25	51	23	25	Day increaſed 8 h. 50 m.
18	26	48	23	27	Scorpion's Heart ſo. 27 m. after 10 at night
19	27	46	23	28	☽ in Perigeo, neareſt to the Earth.
20	28	43	23	29	Day 16 h. 26 m. long.
21	29	40	23	29	Sun enters ♋ 20 m. paſt 8 at night.
22	♋	37	23	29	
23	1	34	23	28	Saturn riſes 35 m. paſt 11 at night.
24	2	32	23	28	Scorpion's Heart ſou. 2 m. paſt 10 at night.
25	3	29	23	26	Mars riſes 58 m. after 1 in the morning
26	4	26	23	25	
27	5	23	23	22	Altair ſouth 17 m. after 1 in the morning
28	6	20	23	20	Lyra ſouth 59 m. paſt 11 at night.
29	7	18	23	17	Day decreaſed 4 minutes.
30	8	15	23	14	

Laun red Stirk bulld y^e 26^th at Reachs

July 1759.

Firſt Quarter the 2d day, at 9 in the morn
Full Moon the 10th day, at 6 in the morn.
Laſt Quarter the 17th day, at 3 in the morn
New Moon the 24th day, at 4 in the morn

Day	Jupiter riſes.	Ver ſets
1	8 A41	10 A
6	8 19	10
11	ſets	10
16	3 M31	9
21	3 8	9
26	2 45	9

D.	W.	Holy-Days, ☉ riſes & ſets.	Moon ſets	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	G	3 S. aft. Trin.	11 A57	29 ♍ 24	5 N 3	Fair and hot,
2	M	Viſit. V. M	Morn.	11 ♎ 20	0 22	at the
3	T	Camb. Com.	0 12	23 13	4 S 19	beginning.
4	W	Term ends.	0 29	5 ♏ 5	8 53	
5	T	☽ Midſum.-day.	0 47	17 12	13 9	
6	F		1 8	29 25	16 56	
7	S	Tho. à Becket.	1 32	11 ♐ 51	20 3	
8	G	4 S. aft. Trin.	2 5	24 34	22 15	△ ☉ ♄
9	M	Oxf.-Act beg.	2 47	7 ♑ 34	23 21	□ ♄ ♂ Rain, a
10	T		D riſes	20 53	23 8	☌ ☉ ♅ perhaps
11	W	Sun riſes 3 57	9 A 26	4 ♒ 28	21 35	△ ♄ ☿ ſome
12	T	Sun ſets 8 2	9 58	18 18	18 42	thunder ſhowers
13	F	Cl. faſt 5 m.	10 26	2 ♓ 21	14 42	♂ ☉ ☿ D.
14	S		10 48	16 31	9 53	
15	G	5 S. aft. Trin.	11 8	0 ♈ 45	4 30	Gwithun.
16	M	Sun riſes 4 2	11 28	15 9	1 N 8	
17	T	Sun ſets 7 57	11 48	29 14	6 41	
18	W	Cl. faſt 6 m.	Morn.	13 ♉ 22	11 53	Tolerable good
19	T		0 13	27 26	16 24	nay-harveſt
20	F	Margaret.	0 41	11 ♊ 22	19 56	weather
21	S	Sun riſes 4 8	1 18	25 9	22 22	about this
22	G	6 S. aft. Trin.	2 3	8 ♋ 44	23 25	Prs. Car. Mat. b
23	M	Sun ſets 7 50	2 58	22 6	23 4	time.
24	T	Day br. 0 36	D ſets	5 ♌ 14	21 26	☌ ♄ ☿
25	W	St. James.	8 A 57	18 6	18 45	
26	T	St. Anne.	9 21	0 ♍ 44	15 12	
27	F	Sun riſes 4 16	9 42	13 8	11 4	Hot and dry
28	S	Sun ſets 7 42	10 0	25 19	6 33	weather, at the
29	G	7 S. aft Trin.	10 15	7 ♎ 21	1 52	end.
30	M	Dog-days begin.	10 30	19 17	2 S 52	
31	T		10 48	1 ♍ 9	7 29	

Sess. Ex.

Lord out

Goo: Peach Bull 7th Laund the 13th
Wt. Shirks

ng.		Saturn			Jupiter			Mars			Venus		
		♑	R	Decl.	♍	R	Decl	♊	Decl.		♌	Decl	
	1	15	52	7 S 24	18	55	22 S 24	9	53	22 N	1 19	28	16 N 40
	6	15	49	7 26	18	17	22 29	13	21	22	34 25	9	14 38
July	11	15	43	7 29	17	37	22 35	16	48	23	0 ♋	47	12 29
59	16	15	35	7 34	16	59	22 41	20	13	23	20 6	22	10 14
	21	15	24	7 40	16	22	22 47	23	36	23	36 11	53	7 5
	26	15	11	7 46	15	45	22 51	26	58	23	47 17	20	5 26

Sun's Place.	Sun's Declin.	Observations.
9 ♌ 12	23 N 10	
10 9	23 6	Saturn rises 58 m. past 10 at night.
11 6	23 1	☽ in Apogeo, farthest from the Earth.
12 4	22 56	Mars rises 41 m. after 1 in the morning.
13 1	22 51	Day decreased 10 m.
13 58	22 45	Cambridge-Term ends.
14 55	22 39	Day 16 h. 14 m. long.
15 52	22 32	Saturn rises 34 m. after 10 at night.
16 49	22 25	Oxford Act begins.
17 47	22 18	Lyra south 10 m. after 11 at night.
18 44	22 10	Mars rises 28 m. after 1 in the morning.
19 41	22 2	Altair south 11 m. after midnight.
20 38	21 54	Day decreased 24 m.
21 36	21 45	Day 16 h. long. Oxford Term ends.
22 33	21 36	
23 30	21 26	☽ in Perigeo, nearest to the Earth.
24 27	21 16	Lyra south 42 m. past 10 at night.
25 25	21 6	Saturn rises 52 m. after 9 at night.
26 22	20 55	Mars rises 16 m. after 1 in the morning.
27 19	20 44	Altair south 40 m. after 11 at night.
28 16	20 33	
29 14	20 21	
♎ 11	20 9	Sun enters ♎ 19 m. after 7 in the morning
1 8	19 57	Altair south 24 m. past 11 at night.
2 6	19 44	Saturn rises 24 m. past 9 at night.
3 3	19 31	Day 15 h. 30 m. long.
4 0	19 17	Day decreased 58 m.
4 58	19 4	
5 55	18 50	☽ in Apogeo, furthest from the Earth.
6 52	18 35	Lyra south 50 m. after 9 at night.
7 50	18 21	

August 1759.

	Jupiter sets.	Ve sets
First Quarter the 1st day, at 3 in the morn.	1 2 18	9
Full Moon the 8th day, at 4 in the aftern.	6 1 56	8
Last Quarter the 15th day, at 8 in the morn.	11 1 35	8
New Moon the 22d day, at 4 in the aftern.	16 1 15	8
First Quarter the 30th day, at 8 at night.	21 0 54	8
	26 0 35	8

M.	D.	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin	Aspects and Weather.
1	W	Lammas-day.	11 A 8	☽ 3♍ 4	11 S 49	
2	T	Day br. 1 27.	11 30	25 6	15 46	Windy and
3	F	Twilight 2 53.	11 50	7♎ 10	9 5	not much
4	S		Morn.	19 45	21 38	wet.
5	G	9 S. aft. Trin.	0 3	2♏ 38	23 8	✶ ♄ ♅
6	M	Transfigurat.	1 2	15 45	23 24	
7	T	Sun rises 4 33	2 25	29 25	22 19	
8	W	Sun sets 7 25	☽ rises	13♐ 22	19 51	
9	T	Cl. fast 5 m.	8 A 28	27 39	16 7	
10	F	Laurence.	8 53	12♑ 9	11 23	Good harvest
11	S	Prs. Augusta b.	9 13	26 47	5 57	weather
12	G	10 S. aft. Trin.	9 34	11♒ 24	0 12	O Lam-d ☌ ♄
13	M		9 55	25 54	5 N 30	for the (△ ♅
14	T	Day br. 2 12.	10 18	10♓ 13	10 55	most part.
15	W	Assump. B V.M.	10 45	24 19	15 37	
16	T	Sun rises 4 49	11 19	8♉ 11	19 23	
17	F	Sun sets 7 10	12 0	21 48	22 1	
18	S	Cl. fast 3 m	Morn.	5♊ 13	23 21	
19	G	11 S. aft. Trin.	0 51	18 25	23 21	Now (□ ♅
20	M	Twilight 2 24.	1 52	1♋ 25	22 4	△ ♄ ☌, ☌ ♅
21	T	Day br. 2 35	3 1	14 13	19 39	□ ☌ ☿ wind &
22	W		☽ sets	26 49	16 20	rain may be ex-
23	T	Sun rises 5 1	7 A 51	9♌ 14	12 21	pected.
24	F	S. Bartholom.	8 8	21 29	7 54	
25	S	Sun sets 6 55	8 24	3♍ 35	3 13	
26	G	12 S. aft. Trin.	8 41	15 33	1 S 38	
27	M	Cl. fast 1 m.	8 57	27 26	6 13	Fair and
28	T	St. Austin.	9 16	9♎ 16	10 39	pleasant
29	W	Decol. St J. B.	9 37	21 9	14 42	✶ ♄ ♅ about
30	T	Twilight 2 12.	10 4	3♏ 8	18 13	this time.
31	F		10 35	15 19	21 1	

ying.	☽ age	Saturn ♑ ℞	Decl	Jupiter ♍ ℞	Decl	Mars ♋	Decl.	Venus ♏	Decl.
	1	14 53	7 S 54	15 5	22 S 57	0 59	23 N 54	23 46	2 N 2
	6	14 36	8 1	14 34	23 0	4 18	23 53	29 1	0 0
ug.	11	14 17	8 9	14 7	23 4	7 35	23 48	4♎ 9	2 S 28
759.	16	13 57	8 17	13 43	23 7	10 51	23 37	9 9	4 55
	21	13 36	8 26	13 23	23 10	14 4	23 23	14 c	7 18
	26	13 14	8 35	13 7	23 11	17 16	23 5	18 39	9 38

	Sun's Place.	Sun's Declin.	Observations.
	♌ 8	14 N	
	9 4	17 50	*The* Sun *is in the* Lion *mounted high,*
	10 4	17 35	*The* Syrian *Star*
	11 4	7 19	*Barks from afar*
	12 37	7 3	*And with his sultry Breath infects the Sky.*
	13 3	6 47	Saturn rises 37 m. after 8 at night.
	14 32	6 30	Day decreased 1 h. 32 m.
	15 30	6 13	Altair south 25 m. past 10 at night.
	16 27	5 56	Mars rises 52 m. after midnight.
	17 25	5 39	
	18 23	5 21	Day 14 h. 40 m. long
	19 20	5 3	☽ in Perigeo, nearest to the Earth.
	20 18	4 45	Saturn rises 10 m. past 8 at night.
	21 15	4 26	Day decreased 1 h. 56 m.
	22 13	4 8	
	23 11	3 49	Markab south 13 m. after 1 in the morning
	24 9	3 30	Mars rises 46 m. after midnight.
	25 7	3 10	Venus's greatest Vesperine Elongatio
	26 5	2 51	from the Sun, 46° 20', sets 1 h 10 m
	27 2	2 31	after him.
	28 0	2 11	Day 14 h. 4 m. long.
	28 58	1 51	Saturn rises 35 m past 7 at night
	29 56	1 31	Mercury's greatest Vesperine Elong. from
	♍ 54	1 10	the Sun 27° 13', sets 35 m after him.
	1 52	0 50	Sun enters ♍ 23d Day, 39 m. past 1 aftern.
	2 50	0 29	☽ in Apogeo, furthest from the Earth.
	3 48	0 8	
	4 46	9 47	Day 13 h. 40 m. long.
	5 44	9 26	Day decreased 2 h 10 m.
	6 42	9 4	Altair south 4 m. after 9 at night.
	7 40	8 42	

September 1759.

Full Moon the 7th day, at 1 in the morn.
Last Quarter the 13th day, at 3 in the aftern.
New Moon the 21st day, at 8 in the morn.
First Quarter the 29th day, at noon.

Day	Jupiter sets.	Venus sets.
1	0 M 12	7 A 4
6	11 A 49	7 2
11	11 30	7 1
16	11 13	6 5
21	10 55	6 4
26	10 38	6 2

M.	D.	W.	Holy-Days, ☉ rises & sets.	Moon sets.	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	S		Giles.	11 A 19	27 ♐ 45	22 S 52	
2	G		12 S. aft. Trin.	Morn.	10 ♑ 34	23 35	London burnt
3	M		Sun rises 5 22	0 13	23 47	23 2	1666.
4	T		Sun sets 6 36	1 20	7 ♒ 29	21 6	
5	W		Day br. 3 19.	2 37	21 39	17 50	☽ ☉ ♄. △ ☉ ♃
6	T			☽ rises	6 ♓ 14	13 22	Rain about
7	F		Dog-days end	7 A 22	21 7	8 1	the time that
8	S		Nat. B.V.M	7 45	6 ♈ 9	2 9	*Venus* enter ♍.
9	G		13 S. aft. Trin.	8 6	21 11	3 N 51	
10	M		Cl. flow 3 m.	8 29	6 ♉ 3	9 35	
11	T		Twilight 2. 4.	8 54	20 37	14 38	
12	W		Sun rises 5 40	9 27	4 ♊ 50	18 40	
13	T		Sun sets 6 19	10 6	18 42	21 45	Fair and
14	F		Holy Rood.	10 55	2 ♋ 13	23 22	pleasant
15	S			11 53	15 24	23 39	weather.
16	G		14 S. aft. Trin.	Morn.	28 21	22 38	
17	M		Lambert.	0 59	11 ♌ 3	20 27	
18	T		Day br. 3 50.	2 9	23 35	17 20	
19	W		Ember-Week.	3 20	5 ♍ 56	13 30	☌ ☉ ☿ ℞. Wind,
20	T		Twilight 2 1.	4 30	18 9	9 9	and frequent
21	F		St. Matthew.	☽ sets	0 ♎ 14	4 28	showers.
22	S		Cl. flow 7 m.	6 A 55	12 13	0 S 19	
23	G		15 S. aft. Trin.	7 11	24 6	5 4	Equal Day and Night.
24	M			7 30	5 ♏ 57	9 37	
25	T		Sun rises 6 5	7 49	17 46	13 48	
26	W		S. Cyprian.	8 12	29 38	17 30	△ ♄ ♀ Dark
27	T		Sun sets 5 51	8 42	11 ♐ 36	20 30	and cloudy,
28	F		Day br. 4 12.	9 21	23 44	22 38	perhaps some
29	S		St. Michael.	10 8	6 ♑ 7	23 44	showers.
30	G		16 S. aft. Trin.	11 8	18 50	23 37	St. Jerome.

Little breended Cow bulld y^e 5^th at Bowley

Wing	Day	Saturn ♄ ℞	Saturn Decl.	Jupiter ♃ ℞	Jupiter Decl.	Mars ♂	Mars Decl	Venus ♎	Venus Decl.
	1	12 47	8 S 46	12 56	23 13 21	5	22 N 37	24 0	12 S 17
	6	12 24	8 55	12 51	23 14 24	14	22 8	28 10	14 21
Sept.	11	12 1	9 5	12 D 51	23 14 27	21	21 38	2 ♍ 0	16 17
1759.	16	11 39	9 13	12 55	23 14 0 ♌	26	21 4	5 26	18 2
	21	11 18	9 21	13 5	23 13 3	29	20 26	8 25	19 35
	26	10 57	9 28	13 20	23 12 6	30	19 46	10 49	20 53

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	8 ♍ 38	8 N 21	
G	9 37	7 59	Day decreased 3 h. 6 m.
3	10 35	7 37	Mars rises 38 m after midnight.
4	11 33	7 15	Fomalhaut south 50 m. past 11 at night.
5	12 31	6 52	Day 13 h. 8 m. long.
6	13 30	6 30	Mirach south 59 m. after 2 in the morning.
7	14 28	6 8	Altair south 35 m. past 8 at night.
8	15 26	5 45	
G	16 25	5 22	☽ in Perigeo, nearest to the Earth.
10	17 23	5 0	Pole Star south 32 m. after 1 in the morning
11	18 22	4 37	Saturn sets 59 m. past 4 in the morning.
12	19 20	4 14	Markab south 31 m. past 11 at night.
13	20 19	3 51	
14	21 17	3 28	Fomalhaut south 14 m. after 11 at night.
15	22 16	3 5	Mars rises 36 m. past midnight.
G	23 14	2 41	Mirach south 23 m. after 1 in the morning.
17	24 13	2 18	Saturn sets 36 m. past 4 in the morning.
18	25 12	1 55	
19	26 10	1 31	Markab south 5 m. after 11 at night.
20	27 9	1 8	Day decreased 4 h. 16 m.
21	28 8	0 45	Day 12 h. 6 m. long.
22	29 7	0 21	☽ in Apog
G	♎ 0	0 S 2	Sun enters ♎ 52 m. past 9 in the morning
24	1 4	0 26	Pole Star south 38 m. after midnight.
25	2 3	0 49	Mars rises 33 m. past midnight.
26	3 2	1 13	
27	4 1	1 36	Fomalhaut south 28 m. past 10 at night
28	5 0	2 0	Saturn sets 52 m. after 3 in the morning.
29	5 59	2 23	Mirach south 24 m. before 1 in the morning
G	6 58	2 46	

October 1759.

Full Moon	the 6th day, at 9 in the morn.
Last Quarter	the 13th day, at 2 in the morn
New Moon	the 21st day, at 1 in the morn.
First Quarter	the 29th day, at 2 in the morn.

Dd	Jupiter sets.	Venus sets.
1	10 A 22	6 A 5
6	10 6	5 46
11	9 50	5 27
16	9 33	5 5
21	9 18	4 44
26	9 3	4 26

M.	D.	W.	Holy-Days, ☉ rises & sets.	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	M		Remigius.	Morn.	1 ♎ 59	22 S 12	Mild and
2	T		Cl. flo 11 m.	0 20	15 30	19 31	temperate
3	W		Twilight 1. 58.	1 38	29 44	15 34	weather.
4	T		Day br. 4 25	3 2	14 ♑ 21	10 34	
5	F			4 27	29 22	4 50	☌ ☉ ♂
6	S		Faith. Virg.	☽ rises	14 ♈ 38	1 N 18	✶ ♅ ♀ *fere.*
7	G	17	S. aft. Trin.	6 A 38	29 56	7 22	□ ☉ ♅
8	M		Sun rises 6 31	7 3	15 ♉ 6	12 59	
9	T		St. Dennis.	7 32	29 59	17 41	High
10	W		Sun sets 5 26	8 10	14 ♊ 27	21 12	O. Michael.-day.
11	T		Cl. flo. 13 m	8 56	28 28	23 17	winds and
12	F			9 53	12 ♋ 3	23 56	frequent showers.
13	S		Tr. K. Edw. Conf.	10 55	25 13	23 14	about this
14	G	18	S. aft. Trin.	Morn.	8 ♌ 4	21 17	time.
15	M		Day br. 4 47	0 7	20 38	18 19	
16	T		Twilight 1. 57.	1 18	2 ♍ 59	14 36	
17	W		Etheldred.	2 27	15 10	10 20	
18	T		St. Luke.	3 37	27 14	5 43	
19	F		Cl. flo. 15 m.	4 46	9 ♎ 11	0 55	□ ♅ ♆
20	S			☽ sets	21 5	3 S 53	
21	G	19	S. aft. Trin.	5 A 43	21 ♍ 56	8 34	Still wet
22	M		K. Geo. II. cr.	6 0	4 46	12 54	and
23	T		Sun rises 7 0	6 23	26 37	16 46	△ ♄ ♀ windy.
24	W		Sun sets 4 58	6 50	8 ♐ 32	20 0	✶ ♂ ♆
25	T		Crispin.	7 24	20 33	22 23	
26	F		Day br. 5. 8.	8 8	2 ♑ 44	23 4	
27	S		Cl. flo. 16 m.	9 3	15 8	24 1	Moderate
28	G	20	S. aft. Trin.	10 7	27 49	23 3	S. Simon and Jude.
29	M		Twilight 1. 59	11 19	10 ♒ 52	20 49	☌ ☉ ♀ weather
30	T		Sun rises 7 13	Morn.	24 21	17 2	and some
31	W		Sun sets 4 46	0 39	8 ♓ 18	12 54	showers

Wing.	Day	Saturn ♑	R	Dec	Jupiter ♍	Decl.		Mars ♌	Decl.		Venus ♏	Decl.	
	1	10	36	9 S 36	13 38	23 S 10		9 29	19 N	4	12 31	21 S	59
Oct.	6	10	18	9 43	14 1	23 8		12 26	18	18	13 25	22	21
	11	10	1	9 49	14 28	23 6		15 20	17	32	13 R 22	22	41
1759.	16	9	46	9 54	15 0	23 2		18 12	16	45	12 19	22	21
	21	9	34	9 58	15 35	22 58		21 1	15	56	10 20	21	24
	26	9	24	10 2.16	14	22 54		23 47	15	5	7 38	19	56

Day of Oct.	Sun's Place.		Sun's Declin.		Observations.
1	7 ♎	58	3 S	10	
2	8	57	3	33	*About this Season Yellow Autumn weighs*
3	9	56	3	56	*The Year, and adds to Nights, and shortens Days;*
4	10	55	4	20	*The Sun declining shines with feebler Rays.*
5	11	54	4	43	Mercury's greatest Matut. Elong. from the
6	12	54	5	6	Sun 17° 55′, rises 1 h. 46 m. before him
G 7	13	53	5	29	☽ in Perigeo, nearest to the Earth.
8	14	52	5	52	Mars rises 29 m. past midnight.
9	15	52	6	15	Saturn sets 8 m. after 3 in the morning.
10	16	51	6	38	Oxford and Cambridge Terms begin.
11	17	51	7	1	Pole Star south 37 m. past 11 at night.
12	18	50	7	24	
13	19	50	7	46	Day 10 h. 40 m. long.
G 14	20	49	8	9	Day decreased 5 h. 50 m.
15	21	49	8	31	Fomalhaut south 21 m. after 9 at night.
16	22	49	8	53	
17	23	48	9	15	Mars rises 25 m past midnight.
18	24	48	9	37	Markab south 19 m. past 9 at night.
19	25	48	9	55	Saturn sets 28 m. past 2 in the morning.
20	26	47	10	21	
G 21	27	47	10	42	☽ in Apogeo, furthest from the Earth.
22	28	47	11	4	Day 10 h. 4 m. long.
23	29	47	11	25	Sun enters ♏ 30 m past 5 in the afternoon
24	♏	47	11	46	Day decreased 6 h. 30 m.
25	1	47	12	7	
26	2	47	12	28	Fomalhaut south 40 m. after 8 at night.
27	3	47	12	48	Mars rises 18 m. past midnight
G 28	4	47	13	8	Saturn sets 52 m. after 1 in the morning.
29	5	47	13	28	Pole Star south 28 m. past 10 at night.
30	6	47	13	48	Day 9 h 34 m. long.
31	7	47	14	8	

November 1759.

	Jupiter sets	Venus rises.
1	8 A 45	7 M 5
6	8 29	6 24
11	8 13	5 47
16	7 57	5 16
21	7 41	4 50
26	7 25	4 31

Full Moon the 4th day, at 7 at night.
Last Quarter the 11th day, at 4 in the afternoon.
New Moon the 19th day, at 7 at night
First Quarter the 27th day, at 2 in the afternoon.

M.	W.	Holy-Days, ☉ rises & sets.	Moon sets	Moon's Place.	Moon's Declin.	Aspects and Weather.
1	Th	All Saints.	2 M 1	22 ♓ 4	7 S 38	△ ☉ ☽
2	F	Prs. Orange b.	3 27	7 ♈ 3	1 38	All Souls.
3	S	Cl flo. 16m.	4 40	22 43	4 N 3	△ ♄ ☿ Windy,
4	G	21 S. aft. Trin.	☽ rises	8 ♉ 1	10 28	but
5	M	Papists Conf.	5 A 30	23 17	15 46	☌ ☉ ☿ D.
6	T	Term begins.	6 4	8 ♊ 19	20 0	mostly fair.
7	W	Pr. H.-Fred. b	6 48	23 0	22 49	
8	Th		7 42	7 ♋ 14	24 5	✶ ♅ ☿, ✶ ♂ ♀
9	F	Sun rises 7 30	8 45	20 59	23 49	
10	S	K. Geo. II. b.	9 55	4 ♌ 18	22 11	
11	G	22 S. aft. Trin.	11 7	17 11	19 2	Martinmas-day.
12	M	Twilight 2. 3.	Morn.	29 45	15 50	(✶ ☉ ♅.
13	T	Lucius.	0 19	12 ♍ 3	11 39	Dark and
14	W	Day br. 5 35.	1 29	24 10	7 3	cloudy weather,
15	Th	Machutus.	2 36	6 ♎ 8	2 16	but not much
16	F	Sun sets 4 18	3 43	18 1	2 S 35	wet.
17	S	Hugh.	4 49	29 53	7 19	
18	G	23 S. aft. Trin.	5 55	11 ♏ 44	11 49	
19	M		☽ sets	23 37	15 52	
20	T	Edm. K&M	4 A 51	5 ♐ 34	19 19	□ ♂ ☿
21	W	Sun rises 7 49	5 22	17 37	22 0	High winds
22	Th	O. Mart.-day.	6 2	29 49	23 40	□ ♄ ☿ and
23	F	St. Clement	6 53	12 ♑ 10	24 13	frequent showers.
24	S	Day br. 5 46.	7 53	24 43	23 34	☽ ☌ ♄ ♂
25	G	24 S. aft. Trin.	9 3	7 ♒ 31	21 41	Pr. Will.-Hen. b.
26	M	Cl. flo. 12 m.	10 18	20 37	18 30	Sharp air,
27	T		11 36	4 ♓ 2	14 32	inclinable
28	W	Term ends.	Morn.	17 49	9 34	to frost.
29	Th	Twilight 2. 7.	0 58	1 ♈ 58	4 1	
30	F	St. Andrew.	2 19	16 28	1 N 50	Prs Dow. Wales b.

Wing.	Day	Saturn ♄ R.	Dec	Jupiter ♃	Decl.	Mars ♂	Decl.	Venus ♀ R.	Decl.
	1	9 15	10 S 5	17 6	22 S 47	27 3	14 N 3	4 11	2 S 38
	6	9 11	10 5	17 52	22 42	29 43	13 13	1 16	15 32
Nov.	11	9 9	10 5	18 42	22 36	2 ♍ 18	12 22	29 ♎ 14	13 38
1759.	16	9 D 9	10 5	19 35	22 28	4 49	11 32	28 9	12 6
	21	9 12	10 3	20 30	22 20	7 16	10 42	28 D. 5	11 2
	26	9 19	9 59	21 27	22 11	9 38	9 53	29 0	10 27

D.	Sun's Place.		Sun's Declin.		Observations.
1	8 ♍	47	14 S	27	
2	9	47	14	46	Mirach south 25 m. after 10 at night.
3	10	48	15	5	Mars rises 13 m. past midnight.
G	11	48	15	24	☽ in Perigeo, neareſt to the Earth.
5	12	48	15	43	Day decreaſed 7 h. 12 m.
6	13	49	16	1	Day 9 h. 10 m. long.
7	14	49	16	19	
8	15	49	16	36	Fomalhaut south 49 m. paſt 7 at night.
9	16	50	16	54	Pole Star south 45 m. after 9 at night.
10	17	50	17	11	Saturn ſets 1 m. after 1 in the morning.
G	18	50	17	28	
12	19	51	7	44	Mirach south 45 m. after 9 at night.
13	20	51	18	0	Mars riſes 2 m. after midnight.
14	21	52	18	16	Day 8 h. 42 m. long.
15	22	53	18	32	Bright ✱ of ♈ ſouth 31 m. paſt 10 at night.
16	23	53	18	47	
17	24	54	19	2	Day decreaſed 7 h. 54 m.
G	25	54	19	17	☽ in Apogeo, furtheſt from the Earth.
19	26	55	19	30	Saturn ſets 19 m. after midnight.
20	27	56	19	44	Day 8 h. 24 m. long.
21	28	56	19	58	
22	29	57	20	11	Sun enters ♐ 22 m. after 1 in the afternoon.
23	♐	58	20	23	Mars riſes 48 m. paſt 11 at night.
24	1	59	20	36	Day decreaſed 8 h. 12 m.
G	2	59	20	48	
26	4	0	20	59	Pole Star ſouth 35 m. paſt 8 at night.
27	5	1	21	10	Saturn ſets 47 m. after 11 at night.
28	6	2	21	2	Day 8 h. 2 m. long
29	7	3	21	32	Bright Star ♈ ſouth 31 m. after 9 at night.
30	8	4	21	42	

December 1759.

Day	Jupiter sets.	Venus rises.
1	7 A 9	4 M 16
6	6 52	4 6
11	6 36	3 59
16	6 20	3 56
21	6 4	3 56
26	5 47	3 56

Full Moon the 4th day, at 5 in the morn.
Laſt Quarter the 11th day, at 9 in the morn.
New Moon the 19th day, at 2 in the aftern.
Firſt Quarter the 26th day, at midnight.

D.	W. D.	Holy-Days, ☉ riſes & ſets.	Moon ſets.	Moon's Place.	Moon's Declin.	Aſpects and Weather.
1	S		3 M 42	18 16	7 N 50	□ ☉ ♄ Windy,
2	G	Advent-Sund.	5 9	16 15	13 24	and ſome
3	M	Sun riſes 8 4	6 36	1 ♓ 17	18 10	ſhowers.
4	T	Sun ſets 3 55	☽ riſes	16 12	21 45	
5	W	Day br. 5 56.	5 A 16	0 ♒ 52	23 47	Mild weather
6	T	Nicolas.	6 16	15 11	24 12	□ ☉ ♂ the
7	F		7 2	29 4	23 5	ſeaſon
8	S	Conc. B. V. M.	8 40	12 ♑ 31	20 40	conſidered.
9	G	2 S. in Advent.	9 52	25 33	17 16	✱ ♀ ♅
10	M	Sun riſes 8 10	11 3	8 ♍ 12	13 8	
11	T	Sun ſets 3 50	Morn.	20 33	8 34	
12	W	Cl. ſlow 6 m.	0 13	2 ♎ 39	3 47	
13	T	Lucy.	1 20	14 37	1 S 7	✱ ♄ ♅
14	F	Twilight 2 12.	2 27	26 29	5 55	Dark, gloomy,
15	S	Day br. 5 59	3 33	8 ♏ 19	10 31	and foggy
16	G	3 S. in Advent.	4 39	20 12	14 44	△ ♄ ♀ weather
17	M		5 48	2 ♐ 10	18 24	for ſome
18	T	Sun riſes 8 12.	6 56	14 15	21 21	days.
19	W	Ember Week.	☽ ſets	26 31	23 20	
20	T	Sun ſets 3 47.	4 A 35	8 ♑ 57	24 14	
21	F	St. Thomas.	5 33	21 37	23 53	Shorteſt-Day.
22	S	Cl. ſlow 1 m.	6 41	4 ♒ 29	22 17	
23	G	4 S. in Advent.	7 54	17 35	19 28	△ ♂ ♅ *ferè*
24	M		9 12	0 ♓ 55	15 36	
25	T	Chriſtm. Day.	10 29	14 29	10 51	
26	W	St. Stephen.	11 48	28 16	5 32	Froſt, and
27	T	St. John.	Morn.	12 ♈ 16	0 N 9	perhaps ſome
28	F	H. Innocents.	1 9	26 29	5 56	ſnow at the
29	S		2 31	10 ♉ 52	11 28	year's end.
30	G	1 S. aft. Chriſt.	3 54	25 23	16 26	
31	M	Silveſter.	5 20	9 ♊ 58	20 26	✱ ♂ ♀

Wing.	Day	Saturn ♄	Saturn Decl.	Jupiter ♃	Jupiter Decl.	Mars ♂	Mars Decl.	Venus ♀	Venus Decl
	1	9 27	9 S 55	22 26	22 S 2	11 55	9 N 6	0 47	10 S 19
	6	9 38	9 50	23 28	21 51	14 6	8 21	3 17	10 36
Dec.	11	9 52	9 44	24 31	21 40	16 10	7 39	6 24	11 8
1759.	16	10 8	9 38	25 36	21 29	18 7	6 58	10 1	11 56
	21	10 26	9 30	26 42	21 17	19 56	6 22	14 3	12 54
	26	10 46	9 22	27 50	21 4	21 36	5 49	18 24	13 58

M. D.	Sun's Place.	Sun's Declin.	Observations.
1	9 ♐ 5	21 S 51	
G 2	10 6	22 0	☽ in Perigeo, neareſt to the Earth.
3	11 7	22 9	Seven Stars ſouth 53 m. paſt 10 at night.
4	12 7	22 17	Mars riſes 29 m. after 11 at night.
5	13 8	22 25	
6	14 9	22 32	Saturn ſets 10 m. paſt 11 at night.
7	15 10	22 39	Bright Star ♈ ſouth 57 m. paſt 8 at night.
8	16 11	22 46	Day decreaſed 8 h. 42 m.
G 9	17 12	22 52	
10	18 14	22 58	Pole Star ſouth 34 m. after 7 at night.
11	19 15	23 3	Day 7 h. 40 m. long.
12	20 16	23 8	Mars riſes 13 m. paſt 11 at night.
13	21 17	23 12	Saturn ſets 41 m. after 10 at night.
14	22 18	23 16	Seven Star's ſouth 5 m. paſt 10 at night.
15	23 19	23 19	
G 16	24 20	23 22	☽ in Apogeo, furtheſt from the Earth.
17	25 21	23 24	Oxford and Cambridge Terms end.
18	26 22	23 26	Mercury's greateſt Veſpertine Elong from
19	27 23	23 27	the Sun 20° 2′, ſets 1 h. 23 m. after him.
20	28 25	23 28	Pole Star ſouth 50 m. after 6 at night.
21	29 26	23 29	
22	♑ 27	23 29	Sun enters ♑ 27 m. after 1 in the morning
G 23	1 28	23 29	Saturn ſets at 10 at night.
24	2 29	23 28	
25	3 30	23 26	*Our Time flies ſwiftly on, and haſtes away*
26	4 32	23 24	*Nor is it in our Pow'r to bribe its Stay:*
27	5 33	23 22	*The rolling Years with conſtant Motion run;*
28	6 34	23 19	*Lo! while I ſpeak the preſent Minute's gone;*
29	7 35	23 16	*And following Hours urge the foregoing on.*
G 30	8 36	23 12	☽ in Perigeo, neareſt to the Earth.
31	9 38	23 8	Day increaſed 8 m.

The Longitude of Mercury and Declination for the Year 1759.

Days	Janua.	Febru.	March	April	May	June
1	29♑46	20♑44	18♒32	13♈35	29♉53	22♉35
4	3♒ 7	21 31	23 1	19 50	0♊57	23 16
7	5 32	23 9	27 40	26 3	1 14	24 35
10	6 37	25 27	2♓31	2♉ 7	0♋47	26 34
13	6♋ 4	28 15	7 31	7 52	29♉45	29 9
16	3 48	1♒29	12 43	13 11	28 13	2♊17
19	0 20	5 1	18 6	17 55	26 30	5 57
22	26♑33	8 49	23 41	22 1	24 54	10 11
25	23 23	12 51	29 27	25 24	23 31	14 53
28	21 25	17 5	5♈24	28 1	22 43	20 1
Days	July	August	Sept.	Octob.	Nov.	Dec.
1	25♊41	27♌22	3♎56	21♏ 1	6♏25	23♐18
4	1♋41	2♍16	4 57	23 2	11 15	27 48
7	7 58	6 53	5♋11	26 13	16 0	2♑12
10	14 23	11 16	4 27	0♎15	20 52	6 28
13	20 51	15 25	2 44	4 48	25 36	10 34
16	27 11	19 18	0 4	9 41	0♐17	14 15
19	3♌20	22 54	26♍53	14 42	4 56	17 22
22	9 19	26 9	23 45	19 44	9 33	19 39
25	15 2	29 2	21 26	24 49	14 10	20 39
28	20 28	1♎31	20 28	29 48	18 45	20♋ 2

The Declination of Mercury to every Fifth Day.

Days	1	6	11	16	21	26
January	21 S 33	9 29	17 40	16 53	17 14	18 12
February	19 S 22	20 2	20 16	20 2	19 17	17 58
March	16 S 56	14 45	12 4	8 50	5 4	0 51
April	4 N 40	9 25	13 52	17 36	20 22	22 9
May	22 N 35	22 17	21 4	19 12	17 13	15 34
June	24 N 42	24 58	16 1	17 38	19 35	21 33
July	23 N 9	23 59	23 46	22 27	20 12	17 20
August	13 N 28	10 4	6 40	3 24	0 22	2 S 18
September	4 S 43	5 43	5 20	3 22	0 7	2 N 55
October	4 N 13	3 27	1 8	2 S 5	5 36	9 8
November	13 S 2	16 14	18 57	21 18	23 12	24 3
December.	25 S 31	25 48	25 29	24 33	23 11	21 42

WING.

A PROGNOSTICATION,

For the Year of our

LORD GOD, 1759.

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	5763
1766	2948 *Noah* born	4707
2366	2348 *Noah*'s Flood began	4107
2481	2233 The *Babylonian* Monarchy established	3992
2718	1996 *Abraham* born	3755
2986	1728 *Joseph* sold into *Egypt*	3487
3143	1571 *Moses* born	3330
3213	1491 The *Israelites* Departure out of *Egypt*	3250
3530	1184 *Troy* taken and destroyed by the *Greeks*	2943
3710	1004 *Solomon*'s Temple built and dedicated	2763
4126	588 *Jerusalem* and the Temple destroyed	2347
4176	538 *Daniel* delivered from the Den of Lions	2297
4198	516 The Temple of *Jerusalem* rebuilt	2275
4391	323 The Death of *Alexander the Great*	2082
4710	4 The true Year of *Christ*'s Birth	1763
4714	0 The vulgar Year of *Christ*'s Birth	1759

A.D.		
33	The Passion and Resurrection of *Jesus Christ*	1726
70	*Jerusalem* and the Temple destroyed by *Titus*	1689
100	St. *John*, the last of the Apostles, dies *Dec.* 20.	1659
313	Christianity triumphs under *Constantine*	1446
476	*Augustulus* the last *Roman* Emperor deposed	1283
606	The wicked *Phocas* makes Pope *Boniface* Head of the Church	1153
608	*Mahomet* broaches his Imposture at *Mecca*	1151
872	*Italy* and *Rome* plundered by the *Saracens*	887
1012	*Swain* King of *Denmark* conquers *England*	747
1066	*William* Duke of *Normandy* conquers *England*	693
1110	Arts and Sciences taught in *Cambridge*	649
1119	The first War between the *French* and *English*	640
1300	The Mariners Compass invented	459
1330	The *Canaries* discovered by an *English* Ship	429
1380	Gunpowder and the Use of Guns first found out	379
1453	*Constantinople* taken from the *Christians*	306

D.		Years since.
63	The *Perſians* conquered by *Tamerlane*	296
00	*Rome* plundered by the Duke of *Bourbon*	259
17	*Martin Luther* firſt diſputed againſt Popery	242
36	*England* ſeparated from the Church of *Rome*	223
88	The *Spaniſh Armado* defeated by the *Engliſh*	171
03	Q. *Eliz.* dies, *Mar.* 24. and K. *James* I. began	156
04	Died of the Plague in *Lond.* in 2 Years 68,596	155
05	Gunpowder Treaſon, *Nov.* 5.	154
13	The New River Water brought to *London*	146
18	The excellent Sir *Walter Raleigh* beheaded	141
25	K. *James* I. died. K. *Charles* I. began, *Mar.* 27.	134
25	35,417 Perſons died of the Plague in *London*	134
41	The cruel *Iriſh* Maſſacre began, *October* 23.	118
43	*Burleigh-houſe* ſtormed by *Cromwel*, *July* 24.	116
49	K. *Charles* I. barbarouſly murdered, *Jan.* 30.	110
60	King *Charles* II. reſtored, *May* 29.	99
65	68,586 Perſons died of the Plague in *London*	94
66	*London* burnt, and a great Sea-Fight with the *Dutch*	93
72	War declared againſt the *Dutch*, *March* 17.	87
74	A great Snow for 11 Days together	85
75	The Town of *Northampton* burnt, *Sept.* 3.	84
80	A great and ſplendid Comet appeared	79
84	The great Froſt that held 13 Weeks	75
85	K. *Cha.* II. died, *Feb.* 6. and K. *James* II. began	74
85	The Duke of *Monmouth* beheaded, *July* 15.	74
88	Seven Biſhops ſent to the *Tower*, *June* 8.	71
88	King *James* II. abdicated, *December* 12.	71
89	K. *William* and Q. *Mary* crown'd, *April* 11.	70
92	The *French* Fleet intirely defeated by the *Engliſh*	67
98	*Whitehall* Palace intirely deſtroyed by Fire, except the *Banquetting-Houſe*	61
02	K. *William* died, *March* 8, and Q. *Anne* began	57
02	Q. *Anne* proclaimed War againſt *France*, *May* 4.	57
03	A great and terrible Wind, *Nov.* 26, and 27.	56
04	*Gibraltar* taken by the *Engliſh*	55
07	*England* and *Scotland* united, *May* 1.	52
09	*Sacheverel* preached his ſeditious Sermon, *Nov.* 5.	50

A.D.		*Years since.*
1710	Riots and great Disturbances in *England*	49
1714	Q. *Anne* died, *Aug.* 1. and K. *George* I. began	45
1715	A famous Total Eclipse of the ☉ in *England*, *April* 22. in the Morning	44
1715	A Rebellion in *Scotl.* and *Lancashire* suppressed	44
1716	A great Frost in the Beginning of this Year	43
1718	The *Spanish* Fleet destroyed by Admiral *Byng*, near *Syracuse*, *July* 31.	41
1719	A surprizing Meteor seen, *March* 19, at 8 at Night	40
	Mr. *Flamstead*, a celebrated Astronomer, died *December* 31.	40
1727	The incomparable Sir *Is. Newton* died *Mar.* 20.	32
1727	K. *George* I. died, *June* 11, and K. *George* II. began	32
1734	The Prince and Princess of *Orange* married, *March* 14.	25
	The Battle of the *Breeches* in *Italy*, *Sept.* 4.	25
1736	The Pr. and Princess of *Wales* married, *Ap.* 27.	23
1739	Letters of Marque published in *London* against the *Spaniards*, *July* 16.	20
1739	War declared by *Great Britain* against *Spain*, *October* 23.	20
1739	*Porto-Bello* taken and destroyed by Admiral *Vernon*, *Nov.* 22.	20
1740	A very severe Frost from *Dec.* 25. to *Feb.* 27.	19
1741	A Comet appeared from *Feb.* 18. to *Mar.* 14	18
1742	A Conjunction of ♄ and ♃ *Aug.* 18. in ♌	17
1743	A splendid Comet appeared from *Decemb.* 23. to *February* 18. in ♈.	16
1744	*March* 4. *France* declared War against *England* and *March* 31. *England* declared War against *France*.	1
1745	*Cape Breton* taken from the *French*, *June* 16.	1
1746	The *Scotch* Highland Rebels defeated by his Royal Highness the Duke of *Cumberland*, at *Cullodon*, near *Inverness*, *April* 16	1
1748	A General Peace, signed *Octob.* 7.	1

Of the Eclipſes of the Luminaries, and ſome other Cœleſtial Phænomena this Year 1759.

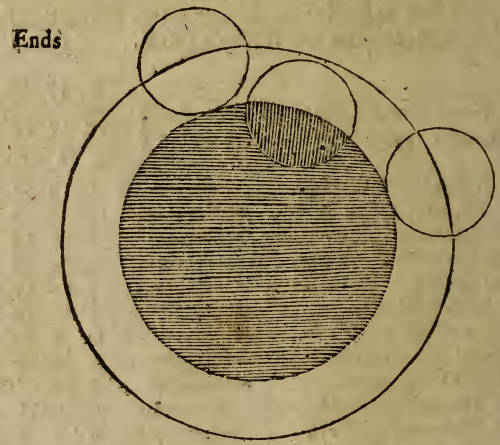
ONLY three Eclipſes are expected to happen this Year, two of the Sun, and one of the Moon.

The firſt is a partial Eclipſe of the Moon, and happens on *Saturday* the 13th of *January*, in the Morning; it may be ſeen from the Beginning to the End in moſt Parts of *America*: But in our Iſland of *Great Britain*, Part of it only will be viſible; for the Moon will ſet a conſiderable Time before the Eclipſe will end: As may be ſeen by the following Computation, deduced from Dr. *Halley*'s Tables.

	D.	H.	M.	S.
Equal Time of true Ecliptic ☍ at *London*, *January* 1759.	12	20	18	54
	S.	°	′	″
Mean Anomaly of the Sun,	6	13	51	46
Mean Anomaly of the Moon,	10	0	12	52
Place of the Sun,	9	22	58	2
Ecliptic Place of the Moon,	3	22	58	2
Place of the Moon in her Orb,	3	22	59	51
North Node ſubtract,	3	15	49	42
Argument of the Moon's Latitude,	0	7	10	9
Latitude of the Moon North increaſing,	0	0	39	31
The Annual Argument,	3	24	16	26
Horary Motion of the Moon,	0	0	31	45
Horary Motion of the Sun,	0	0	2	33
Horary Motion ☽ *à* ☉,	0	0	29	12
Equation of Time ſubtract,	0	0	9	13
Apparent Time of the Ecliptic ☍,	12	20	9	41
Interval between Ecliptic ☍ and greateſt Obſcuration, ſubtract,	0	0	8	3
Appar. Time of the Middle of the Eclipſe,	12	20	1	38

	S.	°	′	″
Horizontal Parallax ☉ & ☽,	0	0	55	48
Semidiameter of the Sun, ſubtract,	0	0	16	21
Semidiameter of the Earth's Shadow,	0	0	39	27
Incremental Parts Add.	0	0	0	50
Correct Semidiameter of the Earth's Shadow,	0	0	40	17
Semidiameter of the Moon, Add.	0	0	15	18
Sum of the Semidiameters,	0	0	55	35
Leaſt Diſt. of the Centers of ☽ and Shadow, ſub.	0	0	39	19
Parts deficient,	0	0	16	16
Digits Eclipſed,	0	6	22	45
Motion of half Duration,	0	0	39	17
Time of half Duration,	0	1	20	43

The Type.



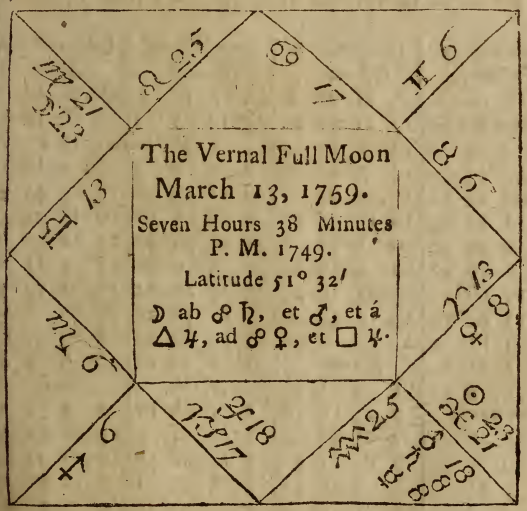
	London. H. M. S.	*York,* H. M. S.	*Edinburg.* H. M. S.	
The Beginning	6 40 55	6 36 55	6 28 55	
Middle	8 1 38	7 57 38	7 49 38	*Jan.* the 13th in the Morning.
Ecliptic ☍	8 9 41	8 5 41	7 57 41	
The End	9 22 21	9 18 21	9 10 21	
	° ′ ″	° ′ ″	° ′ ″	
Digits Eclipſed	6 22 45	6 22 45	6 22 45	

The ſecond Eclipſe is of the Sun, and happens on the 24th of *June*, near Five o'Clock in the Afternoon; but inviſible here, and in all theſe Parts of the World.

The third is another Eclipſe of the Sun, on the 19th of *December*, near Two in the Afternoon; and likewiſe inviſible to all theſe Parts of the Globe.

On the 15th of *February* the Planets *Saturn* and *Venus* will be very near together, at 42 Minutes after Sun ſet; their Difference of Latitude being only nine Minutes.

The beautiful Planet *Venus* will adorn our Evenings, the greateſt Part of this Year, with her refulgent Rays.



For Reaſons given ſome Time 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 Equi-

nox. The Figure is a very remarkable one; let the judicious Aſtrologer conſider it well, and he will plainly ſee that ſome very extraordinary Events are likely to happen this Year.

Now impious Arms from ev'ry Part reſound,
And like a Deluge cover all the Ground;
The peaceful Peaſant to the War is preſs'd;
The Fields lie fallow in inglorious Reſt.
The Plain no Paſture to the Flock affords;
The crooked Scythes are ſtraighten'd into Swords.
Perfidious Mars long-plighted Leagues divides,
And o'er the waſted World in Triumph rides.

A Table of the Eclipſes of *Jupiter*'s firſt Satellite, reduced to correct or apparent Time 1759.

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

Im-

Emersions.			
May.			
D.	H.	M.	S.
2	18	25	22
4	12	53	48
6	7	22	13
8	1	50	38
9	20	18	57
11	14	47	16
13	9	15	32
15	3	43	47
16	22	12	3
18	16	40	18
20	11	8	31
June.			
1	5	36	43
3	0	4	54
4	18	33	4
6	13	1	13
8	7	29	23
10	1	57	29
11	20	25	35
13	14	53	43
15	9	21	51
17	3	49	59
18	22	18	7
20	16	46	16
22	11	14	24
24	5	42	34
26	0	10	43
27	18	38	54
29	13	7	5
July.			
1	7	35	19
3	2	3	33
4	20	31	50
6	15	0	7
8	9	28	26

Emersions.			
July.			
D.	H.	M.	S.
10	3	56	46
12	0	40	41
13	19	9	12
15	13	37	38
17	8	6	7
19	2	34	36
20	21	3	10
22	15	31	45
24	10	0	23
26	4	29	1
27	22	57	43
29	17	26	25
31	11	55	12
August.			
2	6	24	2
4	0	52	53
5	19	21	42
7	13	50	46
9	8	19	38
11	2	48	41
12	21	17	44
14	15	46	49
16	10	15	54
18	4	45	2
19	23	14	11
21	17	43	22
23	12	12	34
25	6	41	50
27	1	11	7
28	19	40	26
30	14	9	46
September.			
1	8	39	8
3	3	8	31
4	21	37	52

Emersions.			
September			
D.	H.	M.	S.
6	16	7	14
8	10	36	39
10	5	6	5
11	23	35	31
13	18	4	58
15	12	34	26
17	7	3	54
19	1	33	21
20	20	2	48
22	14	32	15
24	9	1	41
26	3	31	9
27	22	0	38
29	16	30	3
October.			
1	10	59	27
3	5	28	52
4	23	58	16
6	18	27	38
8	12	56	59
10	7	26	19
12	1	55	39
13	20	24	55
15	14	54	11
17	9	23	23
19	3	52	34
20	22	21	40
22	16	50	45
24	11	19	50
26	5	48	54
28	0	17	52
29	18	46	49
31	13	15	44
November.			
2	7	41	38

Emersions.			
November.			
D.	H.	M.	S.
4	2	13	27
5	20	42	16
7	15	11	0
9	9	39	48
11	4	8	19
12	22	36	55
14	17	5	27
16	11	33	59
18	6	2	26
20	0	30	53
21	18	59	14
23	13	27	34
25	7	55	50
27	2	24	6
28	20	52	15
30	15	20	24
December.			
2	9	48	29
4	4	16	33
5	22	44	36
7	17	12	39
9	11	40	38
11	6	8	37
13	0	36	32
14	19	4	26
16	13	32	16
18	8	0	6
20	2	27	58
21	20	55	50
23	15	23	41
25	9	51	32
27	4	19	24
28	22	47	16
30	17	15	9

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 4th of *February* this preſent Year, the Immerſion of *Jupiter*'s firſt Satellite be obſerved by a Telleſcope, to happen at 35 Minutes and 45 Seconds paſt Eight at Night, I find by the Table that the Time of this Immerſion will happen at the *Britiſh* Obſervatory, the ſame Night at five Minutes 55 Seconds after Ten: The Difference of the Time is one Hour, thirty Minutes and ten Seconds; which being converted into Degrees and Minutes of the Equator, gives twenty-two Degrees thirty-two Minutes and thirty Seconds, the true Difference of Longitude Weſtward; becauſe at the Place of Obſervation the Time is leſs from Noon, than at the Obſervatory.

See the Operation.

Immerſion at the Obſervatory,	10	5	55	
Immerſion at the Place of Obſervation,	8	35	45	
The Difference in Time is	1	30	10	
In Degrees of the Equator,	22	32	30	Weſtward.

A Table of the Equation of natural Days exactly calculated for the Year 1759.

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

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 1759.

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

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.

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

Continued from our laſt.

IN *Pſal.* cxix. 90. the Pſalmiſt celebrates God's Faithfulneſs to all the various and ſucceeding Generations of the World, which he ſhews to be as conſtant and as unalterable as the Earth itſelf, which God hath ſo eſtabliſhed, that it abideth through all the ſeveral Generations of Men, when they at the ſame Time are fleeting and changing.

Thus it appears that all thoſe ſeveral Texts which aſſert the Stability of the World, or Earth, prove nothing againſt the Earth's Motion in a Philoſophical Senſe, only expreſs ſome Moral, Theological Truths.

And ſo the ſame may be ſaid of thoſe other Places of Scripture; which mention the Motion of the Sun and other heavenly Bodies, that ſay they riſe, ſet and perform the Motions which the *Copernicans* aſcribe to the Earth. If we ſhould take theſe Expreſſions in a philoſophical, ſtrict, literal Senſe, and not as vulgar Expreſſions, ariſing from the Appearance of Things, we ſhall find that very odd and unreaſonable Concluſions may as well be collected from thoſe Scriptures, as the Sun's Motion: As that the Sun hath animal Life, Motion, and Deſire, being ſaid to act theſe Things itſelf, to riſe, to ſet, yea to haſte to the Place of his Riſing, or as the *Hebrew* hath it, to pant after, or eagerly to deſire it. So in *Pſal.* xix. the elegant Pſalmiſt giving a poetical Deſcription of this noble and admirable Work of God, the Sun, ſaith God, hath, in the Heavens, made a Tabernacle for him; as if the Sun had an Houſe, a reſting Place provided for him; from which he comes daily forth with Beauty and Luſtre, as reſplendent as that of

a

a Bridegroom, and with the same Ardency, Joy, and Diligence runs his Course, as a Champion doth his Race. And lastly, his going forth is said to be from the End of the Heaven, and his Circuit to reach to the Ends thereof; as tho' the Heavens had two Extremities, or was, as the Antients fancied the Earth to be, a long large Plain bounded by the Ocean, under which they imagined the Sun betook himself, and was thence said *Tingere se Oceano*, to dip himself into the Ocean when he set.

And as in these Places of Scripture the Sun is said to move; so in the other Places he is said to stand still, and to go backward. But we shall find that very absurd Conclusions would follow the taking those Texts in a strict literal Sense. For in *Joshua* the Sun is ordered to stand still upon *Gibeon*, and the Moon in the Valley of *Ajalon*. But it would be very absurd to take this in a literal Sense, and imagine those two great Luminaries were confined to these two Places, otherwise than in Appearance to the victorious *Israelites*. And if so considerable a Part of the Transaction be spoken according to its Appearance, why not the whole? Why might not this Station as well be an Arrest of the Earth's Motion, as that of the Heavens, if the whole Miracle was not (as some not improbably think) effected by Means of some preternatural Refractions, or extraordinary Meteors, *&c.*

And so for the Recess of the Sun, or its Shadow in *Hezekiah*'s Case, that which in Appearance seemed to be the Action of the Sun, is by divers learned Men thought to have been the Effect of such like extraordinary Refractions or Meteors, as I mentioned in the last Case: Or if it was a real Recess, why not of the Earth, rather than the Sun and whole Heavens.

Thus having answered the particular Texts, it doth not appear the Scriptures oppose the *Copernican* System, but that those Passages which seem to do so, are spoken more according as Things appear than as really they are. For as St. *Hierom* saith, *Consuetudinis Scripturarum est*——It is the Custom of the Scriptures, for the Historian so to relate the Opinion

pinion Men had of many Matters, as at that Time thoſe latters were by all People taken to be. And in another lace there are many Things in the holy Scriptures, which e ſpoken according to the Opinion of the Time in which ey were done, and not according to their Reality. And is is no other than what is very reaſonable, and ſuitable to e End and Deſign of the Holy Scriptures, which as I have id, is rather to inſtruct Men in divine and moral Doctrines, an philoſophical Truths. And agreeably hereto St. *Auguſtine* anſwers this very Doubt concerning the Motion f the Heavens. Some of the Brethren (ſaith he) move a Queſtion, whether the Heavens ſtand ſtill or are moved, ecauſe, ſay they, if they are moved, how is it a Firma- ment? And if they ſtand ſtill, how do the Stars, which re believed to be fixed in them, revolve from Eaſt to Weſt, he Northern Stars deſcribing leſſer Circles near the Pole?— To which, ſaith he, I anſwer, that theſe Things do greatly equire ſeveral ſubtle and laborious Reaſons, to diſcover truly whether the Matter be ſo, or not ſo. For the entering upon, and diſcuſſing of which, I have neither Time, neither is it fit it ſhould be done to ſuch as we deſire to inſtruct in the Way of Salvation, for the neceſſary Benefit of the Holy Church.

FINIS.

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