

The  
**British Telescope;**  
Being an  
**Ephemeris**  
of the Coelestial Motions. With an  
**Almanack**  
for the Year of our Lord, 1748.



THE  
BRITISH Telescope:  
BEING AN  
EPHEMERIS

Of the Cœlestial Motions. With An  
ALMANACK  
For the Year of our Lord 1748.  
And of the JULIAN Period 6461.  
It being Bissextile or Leap-Year.

Containing both the *Heliocentric* and *Geocentric* Motions  
of the Planets, together with their Latitudes and As-  
pects, both Mutual and Lunar.

Amplify'd with *Astrological Observations.*

Upon the four Quarters of the Year, the Eclipses, and  
other material Configurations of the Planets; being  
furnished with divers useful Tables, too numerous to  
be here specified, and all other Necessaries fit and com-  
modious for such a Work.

Calculated according to Art, and referred to the Me-  
ridian of LONDON, Metropolis of *Great-Britain*, but to the  
Latitude of 53 Degrees North, from New Tables never yet pub-  
lished; which are so correct and fit for Navigation, that the *Longi-  
tude* by Help thereof may be discovered to one Degree.

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The Twenty-fifth Impression.

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By EDMUND WEAVER, Licensed  
Physician, and Student in the Cœlestial Science.

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L O N D O N:

Printed by T. PARKER, for the Company of  
STATIONERS.



# A Table of Simple Interest at 5 per Cent.

| Princi-<br>pal.    | A<br>Week. | One<br>Month. | Two<br>Months. | Three<br>Months. | Six<br>Months. | Nine<br>Months. | A<br>Year. |
|--------------------|------------|---------------|----------------|------------------|----------------|-----------------|------------|
| Shillings          | s. d. q.   | s. d. q.      | s. d. q.       | s. d. q.         | s. d. q.       | s. d. q.        | s. d. q.   |
| 5                  | 0 0 0      | 0 0 1         | 0 0 2          | 0 0 3            | 0 1 2          | 0 2 1           | 0 3 0      |
| 10                 | 0 0 0      | 0 0 2         | 0 1 0          | 0 1 2            | 0 3 0          | 0 4 2           | 0 6 0      |
| 15                 | 0 0 0      | 0 0 3         | 0 1 2          | 0 2 1            | 0 4 2          | 0 6 3           | 0 9 0      |
| Pounds             | s. d. q.   | s. d. q.      | s. d. q.       | s. d. q.         | s. d. q.       | s. d. q.        | s. d. q.   |
| 1                  | 0 0 1      | 1 0 0         | 0 2 0          | 0 3 0            | 0 6 0          | 0 9 0           | 1 0 0      |
| 2                  | 0 0 2      | 2 0 0         | 0 4 0          | 0 6 0            | 1 0 0          | 1 6 0           | 2 0 0      |
| 3                  | 0 0 3      | 3 0 0         | 0 6 0          | 0 9 0            | 1 6 0          | 2 3 0           | 3 0 0      |
| 4                  | 0 1 0      | 4 0 0         | 0 8 0          | 1 0 0            | 2 0 0          | 3 0 0           | 4 0 0      |
| 5                  | 0 1 1      | 5 0 0         | 1 0 0          | 1 3 0            | 2 6 0          | 3 9 0           | 5 0 0      |
| 6                  | 0 1 2      | 6 0 0         | 1 0 0          | 1 6 0            | 3 0 0          | 4 6 0           | 6 0 0      |
| 7                  | 0 1 3      | 7 0 0         | 1 2 0          | 1 9 0            | 3 6 0          | 5 3 0           | 7 0 0      |
| 8                  | 0 2 0      | 8 0 0         | 1 4 0          | 2 0 0            | 4 0 0          | 6 0 0           | 8 0 0      |
| 9                  | 0 2 1      | 9 0 0         | 1 6 0          | 2 3 0            | 4 6 0          | 6 9 0           | 9 0 0      |
| Tens of Pounds     | l. s. d.   | l. s. d.      | l. s. d.       | l. s. d.         | l. s. d.       | l. s. d.        | l. s. d.   |
| 10                 | 0 2 2      | 0 10 0        | 0 1 8          | 0 2 6            | 0 5 0          | 0 7 6           | 0 10 0     |
| 20                 | 0 5 0      | 1 8 0         | 0 3 4          | 0 5 0            | 0 10 0         | 0 15 0          | 1 0 0      |
| 30                 | 0 7 2      | 2 6 0         | 0 5 0          | 0 7 6            | 0 15 0         | 1 2 6           | 1 10 0     |
| 40                 | 0 10 0     | 3 4 0         | 0 6 8          | 0 10 0           | 1 0 0          | 1 10 0          | 2 0 0      |
| 50                 | 1 0 2      | 4 2 0         | 0 8 4          | 0 12 6           | 1 5 0          | 1 17 6          | 2 10 0     |
| 60                 | 1 3 0      | 5 0 0         | 0 10 0         | 0 15 0           | 1 10 0         | 2 3 0           | 3 0 0      |
| 70                 | 1 5 2      | 5 10 0        | 0 11 8         | 0 17 6           | 1 15 0         | 2 12 6          | 3 10 0     |
| 80                 | 1 7 0      | 6 8 0         | 0 13 4         | 1 0 0            | 2 0 0          | 3 0 0           | 4 0 0      |
| 90                 | 1 9 2      | 7 6 0         | 0 15 0         | 1 2 6            | 2 5 0          | 3 7 6           | 4 10 0     |
| Hundreds of Pounds | l. s. d.   | l. s. d.      | l. s. d.       | l. s. d.         | l. s. d.       | l. s. d.        | l. s. d.   |
| 100                | 2 1 0      | 8 4 0         | 0 16 8         | 1 5 0            | 2 10 0         | 3 15 0          | 5 0 0      |
| 200                | 4 2 0      | 16 8 0        | 1 13 4         | 2 10 0           | 5 0 0          | 7 10 0          | 10 0 0     |
| 300                | 6 3 0      | 1 5 0         | 2 10 0         | 3 15 0           | 7 10 0         | 11 5 0          | 15 0 0     |
| 400                | 8 4 0      | 1 13 4        | 3 6 8          | 5 0 0            | 10 0 0         | 15 0 0          | 20 0 0     |
| 500                | 10 5 0     | 2 1 8         | 4 3 4          | 6 5 0            | 12 10 0        | 18 15 0         | 25 0 0     |
| 600                | 12 6 0     | 2 10 0        | 5 0 0          | 7 10 0           | 15 0 0         | 22 10 0         | 30 0 0     |
| 700                | 14 7 0     | 2 18 4        | 5 16 8         | 8 15 0           | 17 10 0        | 26 5 0          | 35 0 0     |
| 800                | 16 8 0     | 3 6 8         | 6 13 4         | 10 0 0           | 20 0 0         | 30 0 0          | 40 0 0     |
| 900                | 18 9 0     | 3 15 0        | 7 10 0         | 11 5 0           | 22 10 0        | 33 15 0         | 45 0 0     |
| 1000               | 20 10 0    | 4 3 4         | 8 6 8          | 12 10 0          | 25 0 0         | 37 10 0         | 50 0 0     |

To find the Interest of 596 Pounds 10 Shillings for a Year, Nine Months, and a Week. Placing the Sums in Order as below, take the Interest of each Sum for each Time proposed, and add all together.

|        | A Year   | 9 Months.   | A Week   | By adding these              |
|--------|----------|-------------|----------|------------------------------|
| Pounds | l. s. d. | l. s. d. q. | s. d. q. | three Sums toge- l. s. d. q. |
| 500    | 25 0 0   | 18 15 0 0   | 10 5 0   | other, you have 29 16 6 0    |
| 90     | 4 10 0   | 3 7 6 0     | 1 9 2    | the Interest of 22 7 4 2     |
| 6      | 0 6 0    | 0 4 6 0     | 0 1 2    | the Sum for the 0 12 4 0     |
| Shill. | 10 0 0   | 0 4 2 0     | 0 0 0    | time proposed,               |
|        | 29 16 6  | 22 7 4 2    | 12 4 0   | Viz. 52 16 2 2               |



# A TABLE of all the **KINGS and QUEENS** of England since the Conquest.

| The Year of Birth of each King and Queen,<br>with the Year, Month, and Day whereon<br>they began to reign, accounting the Year to<br>begin upon the First of January. |      |                 |      | The Number of<br>The length Years expired<br>of each Re. since each Reign<br>began & ended. |       |       |  |
|---|------|-----------------|------|---|-------|-------|--|
| Names.  | Born | Began to reign. |      | Y. M. D.  | Began | Ended |  |
| William Conq.   | 1027 | 1066 October    | 14   | 20 10 26  | 682   | 661   |  |
| William Rufus   | 1057 | 1087 September  | 9    | 12 10 24  | 661   | 648   |  |
| Henry I.  | 1058 | 1100 August     | 2    | 35 4 0  | 648   | 613   |  |
| Stephen   | 1105 | 1135 December   | 1    | 18 10 24  | 613   | 594   |  |
| Henry II.   | 1134 | 1154 October    | 25   | 34 8 11   | 594   | 559   |  |
| Richard I.  | 1156 | 1189 July       | 6    | 9 9 0   | 559   | 549   |  |
| John  | 1166 | 1199 April      | 6    | 17 6 13   | 549   | 532   |  |
| Henry III.  | 1207 | 1216 October    | 19   | 56 1 0  | 532   | 476   |  |
| Edward I.   | 1239 | 1272 November   | 16   | 34 7 21   | 476   | 441   |  |
| Edward II.  | 1284 | 1307 July       | 7    | 19 6 13   | 441   | 421   |  |
| Edward III.   | 1312 | 1327 January    | 20   | 50 5 1  | 421   | 371   |  |
| Richard II.   | 1366 | 1377 June       | 21   | 22 3 8  | 371   | 349   |  |
| Henry IV.   | 1367 | 1399 September  | 29   | 13 5 21   | 349   | 335   |  |
| Henry V.  | 1389 | 1413 March      | 20   | 9 5 11  | 335   | 326   |  |
| Henry VI.   | 1421 | 1422 August     | 31   | 38 6 4  | 326   | 287   |  |
| Edward IV.  | 1442 | 1461 March      | 4    | 22 1 5  | 287   | 265   |  |
| Edward V.   | 1471 | 1483 April      | 9    | 0 2 13  | 265   | 265   |  |
| Richard III.  | 1443 | 1483 June       | 22   | 2 2 0   | 265   | 263   |  |
| Henry VII.  | 1457 | 1485 August     | 22   | 23 8 0  | 263   | 239   |  |
| Henry VIII.   | 1492 | 1509 April      | 22   | 37 9 6  | 239   | 201   |  |
| Edward VI.  | 1537 | 1547 January    | 28   | 6 5 8   | 201   | 195   |  |
| Mary I.   | 1516 | 1553 July       | 6    | 5 4 11  | 195   | 190   |  |
| Elizabeth   | 1533 | 1558 November   | 17   | 44 4 7  | 190   | 145   |  |
| James I.  | 1566 | 1603 March      | 24   | 22 0 3  | 145   | 123   |  |
| Charles I.  | 1600 | 1625 March      | 27   | 23 10 3   | 123   | 99    |  |
| Charles II.   | 1630 | 1649 January    | 30   | 36 0 7  | 99    | 63    |  |
| James II.   | 1633 | 1685 February   | 6    | 4 0 7   | 63    | 59    |  |
| { Mary II.  | 1662 | 1689 February   | { 13 | 5 10 15   | 59    | 54    |  |
| { William III.  | 1650 |                 |      | 13 0 23   | 59    | 46    |  |
| Anne  | 1665 | 1702 March      | 8    | 12 4 24   | 46    | 34    |  |
| George I.   | 1660 | 1714 August     | 1    | 12 10 10  | 34    | 21    |  |
| GEORGE II.  | 1683 | 1727 June       | 11   | Whom God preserves.   |       |       |  |

'Twixt King and Peasant if no Odds there were,  
Why should each Monarch Crown and Scepter bear?  
But, if Superiors can Obedience claim,  
Sure Kings and Queens may first command the same;  
Then let each Subject due Allegiance tender  
To GEORGE our rightful King and Faith's Defender.



**A TABLE of the Reverend Bishops and Deans exercising Ecclesiastical Jurisdiction in England, 1748.**

| Bishops            | Sees                    | Date Succeeded         | Deans              |
|--------------------|-------------------------|------------------------|--------------------|
| Dr. John Potter    | <i>Oxford</i>           | 1715 Talbot translated |                    |
|                    | Canterbury, A.B.        | 1737 Wake deceased     | Dr. John Lynch     |
| Dr. Tho. Herring   | <i>Bangor</i>           | 1737 Cecil deceased    |                    |
|                    | York, A. B.             | 1743 Blackburn dec.    | Dr. R. Osbaldeston |
| Dr. Edm. Gibson    | <i>Lincoln</i>          | 1716 Wake translated   |                    |
|                    | London                  | 1723 Robinson dec.     | Dr. Jos. Butler    |
| Dr. Ed. Chandler   | <i>Litchf. and Cov.</i> | 1717 Hough translated  |                    |
|                    | Durham                  | 1730 Talbot deceased   | Spen. Cowper Cl.   |
|                    | <i>Bangor</i>           | 1716 Evans translated  |                    |
| Dr. Ben. Hoadley   | <i>Hereford</i>         | 1721 Bifs deceased     |                    |
|                    | Salisbury               | 1723 Willis translated |                    |
|                    | Winchester              | 1734 Willis deceased   | Dr. Zach. Pearse   |
| Dr. Jos. Wilcox    | <i>Gloucester</i>       | 1721 Willis translated |                    |
|                    | Rochester               | 1731 Bradford deceas.  | Dr. J. Newcome     |
| Dr. R. Smallbrook  | <i>St. David's</i>      | 1724 Otley deceased    |                    |
|                    | Litchf. and Cov.        | 1730 Chandler transl.  | Dr. J. Addenbrooke |
| Dr. Sam. Peploe    | Chester                 | 1726 Castrel deceased  | Dr. T. Brooke      |
| Dr. Th. Sherlock   | <i>Bangor</i>           | 1728 Baker translated  |                    |
|                    | Salisbury               | 1734 Hoadley transl.   | Dr. John Clark     |
| Dr. Rob. Butts     | <i>Norwich</i>          | 1732 Baker deceased    |                    |
|                    | Ely                     | 1738 Green deceased    | Dr. Peter Allix    |
| Dr. Mart. Benson   | Gloucester              | 1734 Syddal dec. 1733  | Dr. D. Newcomb     |
| Dr. Tho. Secker    | <i>Bristol</i>          | 1734 Cecil translated  |                    |
|                    | Oxford                  | 1737 Potter translated | Dr. J. Conybeare   |
| Dr. Isaac Maddox   | <i>St. Asaph</i>        | 1736 Tanner deceased   |                    |
|                    | Worcester               | 1743 Hough deceased    | Dr. Ed. Martin     |
| Dr. Tho. Gooch     | <i>Bristol</i>          | 1737 Secker translated |                    |
|                    | Norwich                 | 1738 Butts translated  | Dr. Th. Bullock    |
| Dr. Jos. Butler    | Bristol                 | 1738 Gooch translated  | Dr. Chamberlayne   |
| Dr. Mat. Mawson    | <i>Landaff</i>          | 1738 Harris deceased   |                    |
|                    | Chichester              | 1740 Hare deceased     | D. W. Ashburnham   |
| Dr. John Gilbert   | Landaff                 | 1738 Mawson transl.    | Dr. John Evans     |
| Dr. Ed. Willes     | <i>St. David's</i>      | 1742 Clagget transl.   |                    |
|                    | Bath and Wells          | 1743 Wynn deceased     | Dr. S. Creswick    |
| Dr. Matt. Hutton   | <i>Bangor</i>           | 1743 Herring transl.   | Dr. Pet. Maurice   |
| Dr. J. Thomas      | <i>St. Asaph Elect.</i> | 1743 Maddox transl.    |                    |
|                    | Lincoln                 | 1744 Reynolds deceas.  | Dr. Th. Cheney     |
| Dr. Sam. Lisle     | St. Asaph               | 1744 Thomas transl.    | Dr. Wil. Powel     |
| Dr. R. Trevor      | St. David's             | 1744 Willes translated | Dr. Joseph Hill    |
| Dr. Ja. Beauclerk  | Hereford                | 1746 Egerton deceased  | Dr. Edw. Cressler  |
| Dr. Ge. Levington  | Exeter                  | 1746 Clagget deceas.   | Dr. Wil. Holmes    |
| Dr. R. Osbaldeston | Carlisle                | 1747 Fleming deceas.   | Dr. Rob. Bolton    |
| Dr. J. Thomas      | Peterborough            | 1747 Clavering deceas. | Dr. Robt. Lamb     |
| Dr. Tho. Wilfon    | Westminster             |                        | Dr. J. Wilcox      |
|                    | Sodor & Man             | 1696 Levenz deceased   |                    |



## The Names of the Learned Judges in the Law.

Right Honourable *Philip Lord Hardwicke*, High Chancellor  
of Great Britain.

The Honourable *William Fortescue*, Esq; Master of the Rolls,  
In the King's Bench | The Common Pleas | The Exchequer

Sir *W. Lee*, L. C. J. | Sir *J. Willes*, L. C. J. | Sir *T. Parker*, L. C. B.

Sir *Martin Wright*, | Sir *Thomas Burnet*, | *Charles Clark*, Esq;

Sir *Tho. Dennison*, | Sir *Thomas Abney*, Kt. | *Edward Clive* Esq;

Sir *Mic. Foster*, Kt. | ——— *Birch*, Esq; | ——— *Legge*, Esq;

Sir *Dudley Rider*, Knight; Attorney-General.

The Honourable *William Murray* Esq; Solicitor-General.

## A Table of Terms and their Returns. 1748.

Hilary-Term begins *Jan. 23*, ends *Feb. 12*; hath 4 Returns.

| Returns or Essoign-days.                                 |                | Exc. | Ret. | Ap. | W. D.   |
|--|----------------|------|------|-----|---------|
| In eight days of <i>St. Hilary</i> ,                     | <i>Jan. 20</i> | 21   | 22   | 23  | Saturd. |
| From the day of <i>St. Hilary</i> in 15 days,            | 27             | 28   | 29   | 30  | Saturd. |
| On the morrow of Purif. of the <i>Bl. Mary</i> ,         | <i>Feb. 3</i>  | 4    | 5    | 6   | Saturd. |
| In eight days of the Purif. of the Blessed <i>Mary</i> , | 9              | 10   | 11   | 12  | Friday. |

Easter-Term begins *April 27*, ends *May 23*; hath 5 Returns.

|                                    |                 |    |    |    |       |
|------------------------------------|-----------------|----|----|----|-------|
| From the day of Easter in 15 days, | <i>April 24</i> | 25 | 26 | 27 | Wedn. |
| From the day of Easter in 3 weeks, | <i>May 1</i>    | 2  | 3  | 4  | Wedn. |
| From the day of Easter in 1 month, | 8               | 9  | 10 | 11 | Wedn. |
| From the day of Easter in 5 weeks, | 15              | 16 | 17 | 18 | Wedn. |
| On the morrow of the Ascension,    | 20              | 21 | 22 | 23 | Mond. |

Trinity-Term begins *June 10*, ends *June 29*; hath 4 Returns.

|  |               |    |    |    |        |
|--|---------------|----|----|----|--------|
| On the morrow of the holy Trinity,           | <i>June 6</i> | 7  | 8  | 10 | Friday |
| In 8 days of the holy Trinity,               | 12            | 13 | 14 | 15 | Wedn.  |
| From the day of the holy Trinity in 15 Days, | 19            | 20 | 21 | 22 | Wedn.  |
| From the day of the holy Trin. in 3 Weeks    | 26            | 27 | 28 | 29 | Wedn.  |

Michaelmas-Term begins *Oct. 24*, ends *Nov. 28*; hath 6 Returns.

|   |                |    |    |    |        |
|---|----------------|----|----|----|--------|
| From the day of <i>St. Mich.</i> in 3 weeks,  | <i>Oct. 20</i> | 21 | 22 | 24 | Mond.  |
| From the day of <i>St. Mich.</i> in 1 Month,  | 27             | 28 | 29 | 31 | Mond.  |
| On the morrow of <i>All Souls</i> ,           | <i>Nov. 3</i>  | 4  | 5  | 7  | Mond.  |
| On the morrow of <i>St. Martin</i> ,          | 12             | 13 | 14 | 15 | Tuesd. |
| In 8 days of <i>St. Martin</i> ,              | 19             | 20 | 21 | 22 | Tuesd. |
| From the day of <i>St. Martin</i> in 15 days, | 25             | 26 | 27 | 28 | Mond.  |

*N. B.* No Sittings in *Westminster-Hall* on Ascension-day, Midsummer-day, the 1st and 2d of *November*, 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.



## Common Notes and Moveable Feasts for this Year 1748.

| Jul. Account, Gregorian |                          | Julian Account, |         | Gregorian            |
|-------------------------|--------------------------|-----------------|---------|----------------------|
| 1                       | <b>Golden Number</b>     | 1               | Feb. 21 | Shrove Sunday        |
| 11                      | <b>Epaet</b>             | 29              | Apr. 10 | <b>Easter-Day</b>    |
| 11                      | <b>Roman Indiction</b>   | 11              | May 15  | Rogation Sun.        |
| 21                      | <b>Cycle of the Sun</b>  | 21              | May 19  | <b>Ascension-Day</b> |
| C B                     | <b>Dominical Letters</b> | C F             | May 29  | Whit-Sunday          |
| 41                      | <b>Numb. of Direct.</b>  | 52              | Nov. 27 | <b>Advent Sunday</b> |
|                         |                          |                 |         | Dec. 1               |

### The Names and Characters of the Twelve SIGNS

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

### The Names and Characters of the Seven Planets, Dragon's Head and Tail, Tellus, or the Earth, and Part of Fortune.

|           |                 |                   |                         |
|-----------|-----------------|-------------------|-------------------------|
| ♄ Saturn  | ☉ Sol (the Sun) | ♁ Luna (the Moon) | ♀ Part of For.          |
| ♃ Jupiter | ♀ Venus         | ♏ Dragon's Head   | ♁ Tellus (or the Earth) |
| ♂ Mars    | ☿ Mercury       | ♏ Dragon's Tail   |                         |

### The Names, Characters, and Significations of the Aspects.

|   |   |
|---|---|
| ♄ | Conjunction when Planets are in one Sign and Degree.      |
| * | Sextile when 2 Signs dist.   Δ Trine when 4 Signs dist.   |
| □ | Quartile is 3 Signs dist.   ♂ Opposition is 6 Signs dist. |

### Upon the Twelve SIGNS.

- ♈ The Head and Face the *Ram* doth rule,
- ♉ The *Bull* claims Neck and Throat,
- ♊ The Arms and Shoulders fall to th' *Twins*,
- ♋ The *Crab* for the Breast doth vote :
- ♌ The *Lion* governs Heart and Back,
- ♍ The *Maid* for the Bowels calls,
- ♎ The *Ballance* tries both Reins and Loins,
- ♏ Secrets to the *Scorpion* falls ;
- ♐ The *Shooting Horse* sways both the Thighs,
- ♑ The Knees the *Goat* doth greet ;
- ♒ The *Water-Bearer* owns the Legs,
- ♓ And the *Fishes* guide the Feet.

*Note,* The glorious Planet **Venus** is an Evening Star until the Eighth Day of *August* ; and a Morning Star from that Time to the End of the Year. **Jupiter** is a Morning Star from the 8th of *January* to the 29th of *July*. and an Evening Star from that Time to the Year's End.



The following E P H E M E R I S explain'd.

**J**anuary 6th I find (by the first Column of the Left-hand Page) to be *Wednesday*; by the second Column it appears that this Day is the *Epi-  
pbany*; and, guiding my Eye still forward, I find that the Moon rises that Night at 7 min. past 6, and was South at 1 min past 1 in the Morning: By the last Column it appears that what we call the 6th Day, is by all such, as make use of the *Roman* (or *Gregorian*) Stile, accounted the 17th.

Also against the same Day, towards the Bottom of this Page, I find that the Sun rises 1 min. past 8, and sets 59 min. past 3: By the following Columns, I find Saturn rises that Morning at 37 min. past 1; Jupiter also rises the same Morning 12 min. past 8: Mars sets 29 min. past 8 at Night, and Venus 40 min. past 5: Mercury rises 43 min. past 6 in the Morning; and the (Vernal Equinox or) first Point of Aries comes to the South at 3 min. 36 sec. past 4 in the Evening.

Against this same 6th of *January*, in the Top of the other Page, I find that Day breaks 51 min. past 5; the Length of that Day is 7 hours 57 min. and that Days are increased 40 min. The other five Columns shew that the Latitude of  $\odot$  is 2 deg. 26 min. North; of  $\uparrow$  0 deg. 25 min. of  $\delta$  0 deg. 46 min. of  $\circ$  1 deg. 33 min. these three South: And that of  $\circ$  0 deg. 27 min. North.

Again, looking this same Day somewhat lower down, I find the Moon's Place to be 15 deg. 15 min. of  $\Omega$ , which the foregoing Distich upon the twelve Signs shews to have Dominion over the Heart and Back; her Latitude this Day (as appears by the next Column) is 0 deg. 4 min. North: The Sun's Place is  $\varphi$  26 deg. 52 min. The Place of  $\odot$  is  $\uparrow$  7 deg. 51 min. that of  $\uparrow$ ,  $\varphi$  29 deg. 6 min. of  $\delta$ ,  $\times$  14 deg. 4 min. of  $\circ$ ,  $\sim$  15 deg. 48 min. and that of  $\circ$ ,  $\varphi$  5 deg. 49 min. and the Sun's Declination appears by the last Column to be 20 deg. 50 min. South. It appears also by the Columns of Saturn and Venus, that the Moon came to a Square Aspect of the first of them at 7 o' Clock at Night the 5th Day, and to the other at 23 hours, viz. at 11 this 6th Day in the Morning.

Lastly, at the Bottom of this Page, I find that this 6th Day Clocks and Watches are 10 min. 37 sec. too fast for a good Sun-dial; and that the true Place of  $\odot$  is  $\sim$  17 deg. The Heliocentric Place of the Earth is  $\odot$  26 deg. 52 min. that of  $\odot$  is  $\uparrow$  2 deg. 13 min.  $\uparrow$  is  $\varphi$  29 deg. 32 min. that of  $\delta$  is  $\vee$  14 deg. 45 min. that of  $\circ$  is  $\times$  11 deg. 52 min. and that of  $\circ$ ,  $\uparrow$  14 deg. 24 min.



# January hath XXXI Days.

English Account.

Roman Account.

**Full Moon** 4 Day, 29 minutes past 5 at Night.  
**Last Quarter** 12 Day, 7 minutes past Noon.  
**New Moon** 19 Day, 16 minutes past 3 Morning.  
**First Quarter** 26 Day, 18 minutes past 7 Morning.

|    | Saints Days<br>and Terms. | Moon<br>sets. | The Southing of<br>Fixed Stars. | Moon<br>South.   | Aspects and<br>Weather. |               |                  |                |    |
|----|---------------------------|---------------|---------------------------------|------------------|-------------------------|---------------|------------------|----------------|----|
| 1  | Circumcision              | 6 M 6         |                                 | 9 N 46           |                         | 12            |                  |                |    |
| 2  | Abelis                    | 6 59          | Seven Stars,                    | 10 37            | Frosty with             | 13            |                  |                |    |
| 3  | 2 S. aft. Christ.         | 7 41          | 7 52 at Night.                  | 11 25            | Apogee.                 | G             |                  |                |    |
| 4  | Seth                      | rises         |                                 | Morn.            | cold Winds              | 15            |                  |                |    |
| 5  | Simeon                    | 4 N 50        |                                 | 0 14             | driving                 | 16            |                  |                |    |
| 6  | Epiphany                  | 6 7           | Orion's Shoulder,               | 1 1              | Sleer,                  | 17            |                  |                |    |
| 7  | Ernardus                  | 7 23          | 9 40 at Night.                  | 1 46             |                         | 18            |                  |                |    |
| 8  | Lucianus                  | 8 35          |                                 | 2 25             |                         | 19            |                  |                |    |
| 9  | Basilissa                 | 9 55          |                                 | 3 5              | but not                 | 20            |                  |                |    |
| 10 | 1 S. aft. Epiph.          | 11 12         | Lesser Dog                      | 2 50             | without                 | G             |                  |                |    |
| 11 | Hugianus                  | Morn.         | 11 7 at Night.                  | 4 35             | some                    | 22            |                  |                |    |
| 12 | Benedict                  | 0 31          |                                 | 5 20             | Intervals               | 23            |                  |                |    |
| 13 | Hilary                    | 1 59          | Cambridge Term B.               | 6 3              | of fair                 | 24            |                  |                |    |
| 14 | Or. T. begins             | 3 25          |                                 | 7 7              | pleasant                | 25            |                  |                |    |
| 15 | Mauritania                | 4 55          | The Quartile of the             | 8 10             | Weather.                | 26            |                  |                |    |
| 16 | Marcellus                 | 6 1           | Sun and Saturn                  | 9 14             |                         | 27            |                  |                |    |
| 17 | 2 S. aft. Epiph.          | 6 55          | brings Death, or Dis-           | 10 23            | Pc. r.                  | G             |                  |                |    |
| 18 | Prisca                    | 7 30          | grace, to some Per-             | 11 23            | *  Still                | 29            |                  |                |    |
| 19 | Fab. and Seb.             | sets          | son in great Trust;             | 0 A 20           | Eclipse Inv.            | 30            |                  |                |    |
| 20 | Pr Wales born             | 6 N 35        | and that perhaps                | 1 14             | cold with               | 31            |                  |                |    |
| 21 | Agnes                     | 8 4           | justly: For, as here            | 2 2              | Frost and               | Feb.          |                  |                |    |
| 22 | Vincent                   | 9 29          | posited, the Secrets            | 2 49             | Snow.                   | 3             |                  |                |    |
| 23 | Term begins               | 10 47         | of some great Pote-             | 3 35             | Somewhat                | Feb.          |                  |                |    |
| 24 | 3 S. aft. Epiph.          | Morn.         | tate seem to be be-             | 4 19             |                         | G             |                  |                |    |
| 25 | Conv. St. Paul            | 0 8           | trayed.                         | 5 7              | more fair,              | 5             |                  |                |    |
| 26 | Polycarp                  | 1 24          |                                 | 5 53             | but frosty still        | 6             |                  |                |    |
| 27 | Chrysoftom                | 2 41          | Vindemiatrix                    | 6 43             | with                    | 7             |                  |                |    |
| 28 | Flavianus                 | 3 51          | 3 25 Morning.                   | 7 33             | cold Wind,              | 8             |                  |                |    |
| 29 | Gildas                    | 4 46          |                                 | 8 23             | Sleer or                | 9             |                  |                |    |
| 30 | K. C. I. Mar.             | 5 33          | Lion's Heart                    | 9 15             | Showers.                | 10            |                  |                |    |
| 31 | 4 S. aft. Epiph.          | 0 0           | 12 10 at Night.                 | 10 5             | Apogee.                 | G             |                  |                |    |
| M  | Sun<br>rises              | Sun<br>sets   | Saturn<br>rises                 | Jupiter<br>rises | Mars<br>sets            | Venus<br>sets | Mercur.<br>rises | Aries<br>South | D  |
| 1  | 8 2                       | 3 59          | 1 M 37                          | 8 M 12           | 8 N 29                  | 5 N 40        | 6 M 43           | 4 3 30         | 17 |
| 12 | 7 53                      | 4 7           | 1 10                            | 7 52             | 8 30                    | 5 59          | 1 1              | 3 38 19        | 23 |
| 18 | 7 43                      | 4 17          | 0 48                            | 7 31             | 8 32                    | 6 19          | 7 10             | 3 13 28        | 29 |
| 24 | 7 32                      | 4 28          | 0 25                            | 7 10             | 8 34                    | 6 39          | 7 17             | 2 49 34        | 4  |
| 31 | 7 19                      | 4 42          | 11 N 54                         | 6 46             | 8 36                    | 7 1           | 7 14             | 2 21 14        | 11 |



| M D             | Day break.    | Length of Days | Days increaf. | January 1748. |          |          |          |          |       |   |   |   |   |   |         | Weaver.                |            |
|-----------------|---------------|----------------|---------------|---------------|----------|----------|----------|----------|-------|---|---|---|---|---|---------|------------------------|------------|
|                 |               |                |               |               |          |          |          |          |       |   |   |   |   |   |         | Planets                | Latitudes. |
| 6               | 5 51          | 7 57           | 0 40          | 2N 26         | 0 S 25   | 1 S 46   | 1 S 33   | 0 N 27   |       |   |   |   |   |   |         |                        |            |
| 12              | 5 44          | 8 15           | 0 58          | 2 27          | 0 26     | 0 40     | 1 34     | 0 S 43   |       |   |   |   |   |   |         |                        |            |
| 18              | 5 36          | 8 34           | 1 17          | 2 28          | 0 27     | 0 35     | 1 32     | 1 20     |       |   |   |   |   |   |         |                        |            |
| 24              | 5 27          | 8 56           | 1 39          | 2 30          | 0 27     | 0 30     | 1 27     | 1 47     |       |   |   |   |   |   |         |                        |            |
| 31              | 5 16          | 8 23           | 2 6           | 2 31          | 0 28     | 0 25     | 1 18     | 2 4      |       |   |   |   |   |   |         |                        |            |
| M D             | Moon's Place. | Moon's Lat.    | ☉             | ☿             | ♈        | ♉        | ♊        | ♋        | ♌     | ♍ | ♎ | ♏ | ♐ | ♑ | Declin. |                        |            |
| 1               | 16 II 42      | 4 N 31         | 21 46         | 7 36          | 27 50    | 10 15    | 9 32     | 29 16    | 21 43 |   |   |   |   |   |         |                        |            |
| 2               | 28 32         | 3 56           | 22 47         | 7 Δ 39        | 28 10    | 11 1     | 10 47    | ☿ 8 32   | 21 33 |   |   |   |   |   |         |                        |            |
| C 10            | ☿ 21          | 3 8            | 20 48         | 7 18 42       | 28 24    | 11 Δ 47  | 12 3     | 1 54     | 21 23 |   |   |   |   |   |         |                        |            |
| 4               | 22 15         | 2 12           | 24 8 49       | 7 45          | 28 8 38  | 12 3 33  | 13 18    | 3 8      | 21 12 |   |   |   |   |   |         |                        |            |
| 5               | 4 Ω 11        | 1 10           | 25 6 50       | 7 □ 48        | 28 13 52 | 13 18    | 14 8 33  | 4 28     | 21 1  |   |   |   |   |   |         |                        |            |
| 6               | 16 15         | 0 4            | 26 52         | 7 7 51        | 29 6     | 14 4     | 5 23 48  | 5 49     | 20 50 |   |   |   |   |   |         |                        |            |
| 7               | 8 26          | 1 S 2          | 27 53         | 7 * 54        | 29 20    | 14 49    | 17 3     | 7 Δ 11   | 20 38 |   |   |   |   |   |         |                        |            |
| 8               | 10 II 49      | 2 8            | 28 54         | 7 18 57       | 29 35    | 15 8 35  | 18 18    | 8 19 34  | 20 25 |   |   |   |   |   |         |                        |            |
| 9               | 23 23         | 3 8            | 29 Δ 55       | 8 0           | 29 Δ 49  | 16 10 20 | 19 32    | 9 58     | 20 12 |   |   |   |   |   |         |                        |            |
| C 6             | ☿ 13          | 2 59           | ☿ 13 56       | 8 3           | 12 ☿ 3   | 17 6     | 20 47    | 11 □ 23  | 19 59 |   |   |   |   |   |         |                        |            |
| 11              | 19 21         | 4 40           | 1 57          | 8 5           | 0 □ 17   | 17 51    | 22 Δ 2   | 12 20 48 | 19 45 |   |   |   |   |   |         |                        |            |
| 12              | 2 III 48      | 5 7            | 2 □ 58        | 8 6 9         | 0 20 31  | 18 37    | 23 5 17  | 14 * 19  | 19 32 |   |   |   |   |   |         |                        |            |
| 13              | 16 36         | 5 16           | 3 0 59        | 9 11          | 0 45     | 19 Δ 23  | 24 □ 32  | 15 23 47 | 19 18 |   |   |   |   |   |         |                        |            |
| 14              | 0 ♀ 47        | 5 8            | 5 * 0         | 8 14          | 0 * 9    | 20 5 9   | 25 15 46 | 17 15    | 19 3  |   |   |   |   |   |         |                        |            |
| 15              | 15 18         | 4 39           | 6 8 1         | 8 16          | 1 0 14   | 20 □ 55  | 27 * 1   | 18 43    | 18 48 |   |   |   |   |   |         |                        |            |
| 16              | ☿ 6           | 3 52           | 7 2           | 8 * 18        | 1 28     | 21 10 40 | 28 21 16 | 20 11    | 18 33 |   |   |   |   |   |         |                        |            |
| C 15            | 5             | 2 47           | 8 3           | 8 13 20       | 1 42     | 22 * 26  | 29 31    | 21 6 41  | 18 17 |   |   |   |   |   |         |                        |            |
| 17              | 0 ☿ 6         | 1 31           | 9 6 4         | 8 □ 22        | 1 6 56   | 23 14 12 | 0 * 46   | 23 12 12 | 18 2  |   |   |   |   |   |         |                        |            |
| 19              | 14 59         | 0 N 10         | 10 15 4       | 8 13 24       | 2 3 10   | 23 58    | 2 0 24   | 24 44    | 17 45 |   |   |   |   |   |         |                        |            |
| 20              | 9 39          | 1 10           | 11 5          | 8 Δ 25        | 2 24     | 24 44    | 3 6 15   | 26 16    | 17 29 |   |   |   |   |   |         |                        |            |
| 21              | 13 57         | 2 24           | 12 6          | 8 15 27       | 2 38     | 25 6 30  | 4 7 29   | 27 49    | 17 12 |   |   |   |   |   |         |                        |            |
| 22              | 17 53         | 3 29           | 13 7          | 8 29          | 2 * 52   | 26 21 15 | 5 44     | 29 * 24  | 16 55 |   |   |   |   |   |         |                        |            |
| 23              | 1 16          | 4 20           | 4 * 8         | 8 30          | 3 9 7    | 27 1     | 6 58     | ☿ 0      | 16 37 |   |   |   |   |   |         |                        |            |
| C 24            | 17            | 4 52           | 15 9 9        | 8 31          | 3 □ 21   | 27 47    | 8 13     | 2 □ 36   | 16 19 |   |   |   |   |   |         |                        |            |
| 2               | 6 56          | 5 12           | 16 □ 9        | 8 32          | 3 18 35  | 28 32    | 9 * 27   | 4 18 13  | 16 2  |   |   |   |   |   |         |                        |            |
| 26              | 19 16         | 5 17           | 17 20 10      | 8 33 34       | 3 49     | 29 * 17  | 10 54 0  | 5 50     | 15 45 |   |   |   |   |   |         |                        |            |
| 27              | 1 22          | 5 7            | 18 11         | 8 35          | 4 Δ 3    | 0 21 2   | 11 □ 53  | 7 Δ 28   | 15 24 |   |   |   |   |   |         |                        |            |
| 28              | 13 18         | 4 45           | 19 Δ 12       | 8 37          | 4 6 17   | 0 14 6   | 13 24 6  | 9 14 7   | 15 5  |   |   |   |   |   |         |                        |            |
| 29              | 15 9          | 4 9            | 20 13 12      | 8 38          | 4 31     | 1 □ 31   | 14 19    | 10 47    | 14 46 |   |   |   |   |   |         |                        |            |
| 3               | ☿ 57          | 3 24           | 21 13         | 8 Δ 39        | 4 45     | 2 14 16  | 15 Δ 32  | 12 28    | 14 27 |   |   |   |   |   |         |                        |            |
| C 8             | 51            | 2 30           | 22 14         | 8 3 40        | 4 59     | 3 1      | 16 19 45 | 14 10    | 14 7  |   |   |   |   |   |         |                        |            |
| Watch too fast. |               |                |               | ☉             | ☿        | ♈        | ♉        | ♊        | ♋     | ♌ | ♍ | ♎ | ♏ | ♐ | ♑       | Helio centric Motions. |            |
| 6               | 10 37         | 17 0           | 26 52         | 2 13          | 29 32    | 14 45    | 11 52    | 14 24    |       |   |   |   |   |   |         |                        |            |
| 12              | 12 23         | 16 56          | 2 Ω 58        | 2 24          | 0 ☿ 3    | 18 22    | 21 24    | 1 ♀ 36   |       |   |   |   |   |   |         |                        |            |
| 18              | 13 41         | 16 54          | 9 4           | 2 35          | 0 34     | 21 58    | 0 15 55  | 17 52    |       |   |   |   |   |   |         |                        |            |
| 24              | 14 29         | 16 53          | 15 9          | 2 47          | 1 5      | 25 31    | 10 30    | 4 15 37  |       |   |   |   |   |   |         |                        |            |
| 31              | 14 48         | 16 53          | 22 14         | 3 0           | 1 42     | 29 38    | 21 41    | 25 32    |       |   |   |   |   |   |         |                        |            |



# February hath XXIX Days.

Full Moon 3 Day, 1 minute past Noon.  
 Last Quarter 10 Day, 28 minutes past 9 at Night.  
 New Moon 17 Day, 49 minutes past 2 Afternoon.  
 First Quarter 25 Day, 14 minutes past 3 Morning.

English Account

Roman Account

| Saints Days, and Terms. | The Moon sets. | The Southing of Fixed Stars, with Astral Observations | The Moon South. | Mutual Aspects & Weather. |    |
|-------------------------|----------------|---|-----------------|---------------------------|----|
| 1 Ignatius              | 6M 32          | The Sextile of Jupiter and Mars promises Harmony      | 10 N 52         | Frosty                    | 12 |
| 2 Purific. B. Vir       | 6 45           |   | 11 38           | Cold                      | 13 |
| 3 Blasius               | rises          |   | Morn.           | Eclips. Inv               | 14 |
| 4 Veronica              | 6 N 21         | and Agreement between Ecclesiasticks                  | 0 20            | * V 8                     | 15 |
| 5 Agatha                | 7 42           | and Martial Officers; perhaps some                    | 1 1             | Winterly                  | 16 |
| 6 Dorothy               | 8 57           | Overtures of Peace may be heard of, but               | 1 46            | Weather.                  | 17 |
| 7 Septuages. Sun        | 10 18          | I fear to little Effect.                              | 2 30            |                           | 18 |
| 8 Lucius                | 11 48          |   | 3 17            | Clofe and                 | 19 |
| 9 Apollonia             | Morn.          |   | 4 6             | 6 0 0                     | 20 |
| 10 Scholaria            | 1 8            |   | 5 1             | Foggy perhaps             | 21 |
| 11 Euphrastus           | 2 32           |   | 5 58            | Sleet.                    | 22 |
| 12 Term ends            | 3 49           |   | 7 1             |                           | 23 |
| 13 Ermenilus            | 4 47           |   | 8 7             | Δ h 0                     | 24 |
| 14 Sexages. Sund        | 5 27           | North Ballance  | 9 6             | Perigee.                  | 25 |
| 15 Crato                | 5 50           | 4 28 Morning.   | 10 6            | □ h V about               | 26 |
| 16 Juliana              | 6 10           |   | 11 1            | Δ 0 V this                | 27 |
| 17 Concordia X          | sets           | Hydra's Heart   | 11 51           | * V Y time                | 28 |
| 18 Simeon               | 6 N 57         | 25 at Night.  | 0 A 37          | expect                    | 29 |
| 19 Sabianus             | 8 20           |   | 1 26            | store of                  | 30 |
| 20 Mildreda             | 9 42           | Scorpion's Heart,                                     | 2 12            | Downfal,                  | 1  |
| 21 Quinquages. Sun      | 11 4           | 17 Morning.   | 2 59            | but,                      | 2  |
| 22 P's. Heile Bo        | Morn.          |   | 3 48            | towards the               | 3  |
| 23 Shrove Tued          | 0 24           |   | 4 38            | End,                      | 4  |
| 24 St. Matthias         | 1 42           | Ash-Wednesday.  | 5 28            |                           | 5  |
| 25 Victoria             | 2 43           | A Female of Note                                      | 6 19            | Somewhat                  | 6  |
| 26 Milgitha             | 3 33           | about this Time is                                    | 7 11            | more                      | 7  |
| 27 Leander              | 4 11           | very much carested                                    | 8 1             | Apogee.                   | 8  |
| 28 S. in Lent.          | 4 39           | and had in great                                      | 8 51            | favo urable.              | 9  |
| 29 Fortunatus           | 4 59           | Esteem.   | 9 30            |                           | 10 |

| M  | Sun rises | Sun sets | Saturn rises | Jupiter rises | Mars sets | Venus sets | Mercu. sets | Aries South. | R  |
|----|-----------|----------|--------------|---------------|-----------|------------|-------------|--------------|----|
| 6  | 7 7       | 4 54     | 11 N 29      | 6 M 25        | 8 N 39    | 7 N 21     | 4 N 24      | 1 57 48      | 17 |
| 12 | 6 55      | 5 11     | 11 5         | 5 58          | 8 42      | 7 41       | 5 6         | 1 34 55      | 23 |
| 18 | 6 42      | 5 19     | 10 42        | 5 37          | 8 45      | 8 2        | 5 54        | 1 12 23      | 29 |
| 24 | 6 29      | 5 31     | 10 19        | 5 17          | 8 49      | 8 23       | 6 42        | 0 50 8       | 4  |
| 29 | 6 19      | 5 42     | 10 0         | 5 1           | 8 52      | 8 42       | 7 19        | 0 31 45      | 11 |

24<sup>th</sup> His Royal Highness the Duke of Cumberland set out



| M  | Day    | Length  | Days     | February 1748. Weaver. |    |       |        |        |       |        |  |  |  | Planets<br>Latitudes. |  |
|----|--------|---------|----------|------------------------|----|-------|--------|--------|-------|--------|--|--|--|-----------------------|--|
| D  | break. | of Days | increaf. |                        |    |       |        |        |       |        |  |  |  |                       |  |
| 6  | 5      | 3       | 9 47     | 2                      | 30 | 2N 33 | 0 S 28 | 0 S 20 | 1 S 9 | 2 S 4  |  |  |  |                       |  |
| 12 | 4      | 53      | 10 11    | 2                      | 55 | 2 34  | 0 29   | 0 15   | 0 57  | 1 46   |  |  |  |                       |  |
| 18 | 4      | 41      | 10 37    | 3                      | 20 | 2 36  | 0 30   | 0 10   | 0 42  | 1 8    |  |  |  |                       |  |
| 24 | 4      | 28      | 11 2     | 3                      | 45 | 2 37  | 0 31   | 0 6    | 0 26  | 0 10   |  |  |  |                       |  |
| 29 | 4      | 18      | 11 23    | 4                      | 6  | 2 38  | 0 32   | 0 2    | 0 12  | 0 N 52 |  |  |  |                       |  |

The Planets Geocentric Motions and Lunar Aspects.

| M               | Moon's | Moon's |         |         |               |             |             |          |       |    |    |    | Declin.               |    |
|-----------------|--------|--------|---------|---------|---------------|-------------|-------------|----------|-------|----|----|----|-----------------------|----|
| D               | Place. | Lat.   | ☉       | ☿       | ♈             | ♉           | ♊           | ♋        | ♌     | ♍  | ♎  | ♏  | ☽                     | S. |
| 1               | 08 43  | 1N 27  | 23 14   | 8 38    | 58 13         | 3 46        | 18 0        | 15 52    | 13 48 |    |    |    |                       |    |
| 2               | 12 58  | 0 22   | 24 15   | 8 16 39 | 59 27         | 4 6 31      | 19 15       | 17 8 35  | 13 28 |    |    |    |                       |    |
| 3               | 25 8   | 0 S 47 | 25 2 15 | 8 39    | 5 41          | 5 10        | 20 30       | 19 10 19 | 13 8  |    |    |    |                       |    |
| 4               | 27 35  | 1 52   | 26 0 16 | 8 39    | 5 54          | 6 12        | 21 45       | 21 4     | 12 47 |    |    |    |                       |    |
| 5               | 20 16  | 2 5    | 27 16   | 8 2 59  | 6 8           | 6 46        | 23 8        | 22 50    | 12 27 |    |    |    |                       |    |
| 6               | 3 9    | 3 49   | 28 17   | 8 39    | 6 22          | 7 31        | 24 6 15     | 24 37    | 12 6  |    |    |    |                       |    |
| C 16            | 17     | 4 32   | 29 1    | 8 39    | 6 6 36        | 8 8 15      | 25 30       | 26 25    | 11 45 |    |    |    |                       |    |
| 8               | 29 37  | 5 2    | 30 18   | 8 38    | 6 50          | 9 0         | 26 44       | 28 21 14 | 11 24 |    |    |    |                       |    |
| 9               | 13 14  | 5 16   | 1 13    | 8 16 38 | 7 13 3        | 9 45        | 27 59       | 0 4      | 11 2  |    |    |    |                       |    |
| 10              | 27 2   | 5 1    | 2 9     | 8 37    | 7 17          | 10 30       | 29 16       | 1 55     | 10 40 |    |    |    |                       |    |
| 11              | 11 4   | 4 48   | 3 10 19 | 8 37    | 7 18 30       | 11 14       | 30 4 29     | 3 10 46  | 10 18 |    |    |    |                       |    |
| 12              | 25 16  | 4 8    | 4 19    | 8 36    | 7 43          | 11 59       | 1 14        | 5 38     | 9 56  |    |    |    |                       |    |
| 13              | 9 41   | 3 13   | 5 16 19 | 8 22 36 | 7 56          | 12 14       | 2 12 58     | 7 20 30  | 9 34  |    |    |    |                       |    |
| C 24            | 13     | 2 2    | 6 20    | 8 35    | 8 10          | 13 6 29     | 4 12        | 9 23     | 12    |    |    |    |                       |    |
| 15              | 8 47   | 0 4    | 7 20    | 8 24 34 | 8 23 22       | 14 13       | 5 18 26     | 11 19    | 8 50  |    |    |    |                       |    |
| 16              | 23 19  | 0 N 30 | 8 20    | 8 33    | 8 37          | 14 9 58     | 6 39        | 13 15    | 8 27  |    |    |    |                       |    |
| 17              | 7 41   | 1 52   | 9 2     | 8 31    | 8 50          | 15 42       | 7 53        | 15 6 11  | 8 5   |    |    |    |                       |    |
| 18              | 21 49  | 3 4    | 10 3 20 | 8 23 0  | 9 3           | 16 26       | 9 7         | 17 15 7  | 7 43  |    |    |    |                       |    |
| 19              | 5 30   | 3 5    | 11 21   | 8 28    | 9 16          | 17 6 11     | 10 6 20     | 19 2     | 7 20  |    |    |    |                       |    |
| 20              | 19 7   | 4 38   | 12 21   | 8 27    | 9 7 29        | 17 22 56    | 11 9 33     | 20 58    | 6 57  |    |    |    |                       |    |
| C 28            | 10     | 5 4    | 13 21   | 8 25    | 9 42          | 18 40       | 12 46       | 22 54    | 6 34  |    |    |    |                       |    |
| 22              | 14 53  | 5 13   | 14 21   | 8 122   | 9 14 55       | 19 25       | 14 0        | 24 49    | 6 11  |    |    |    |                       |    |
| 23              | 27 16  | 5 8    | 15 21   | 8 22    | 10 8 20       | 9 15        | 14 26 23 44 | 5 47     |       |    |    |    |                       |    |
| 24              | 9 2    | 4 48   | 16 20   | 8 20    | 10 21 20      | 54 16       | 27 28 37    | 5 24     |       |    |    |    |                       |    |
| 25              | 21 12  | 4 17   | 17 20   | 8 18    | 10 23 3       | 21 17 16 40 | 28          | 5 0      |       |    |    |    |                       |    |
| 26              | 3 13   | 3 34   | 18 20   | 8 10    | 10 45 22 12   | 18 53       | 22 16       | 4 37     |       |    |    |    |                       |    |
| 27              | 15 3   | 2 43   | 19 20   | 8 10 14 | 10 59 23      | 10 6        | 4 14        | 4 14     |       |    |    |    |                       |    |
| C 26            | 56     | 1 4    | 20 20   | 8 12    | 11 11 23 17 4 | 21 11 19    | 5 14        | 3 50     |       |    |    |    |                       |    |
| 29              | 8 57   | 0 4    | 21 20   | 8 22 10 | 11 8 24 3     | 22 32       | 7 21 24     | 3 26     |       |    |    |    |                       |    |
| Clock too fast. |        |        | ☉       | ☿       | ♈             | ♉           | ♊           | ♋        | ♌     | ♍  | ♎  | ♏  | Heliocentric Motions. |    |
| 6               | 14     | 3      | 16      | 52      | 28            | 17          | 3           | 12       | 2     | 13 | 3  | 7  | 1                     | 17 |
| 12              | 13     | 55     | 16      | 49      | 4             | 19          | 3           | 23       | 2     | 44 | 6  | 34 | 10                    | 54 |
| 18              | 12     | 53     | 16      | 44      | 10            | 20          | 3           | 35       | 3     | 15 | 10 | 0  | 20                    | 31 |
| 24              | 11     | 32     | 16      | 35      | 16            | 20          | 3           | 46       | 3     | 46 | 13 | 23 | 0                     | 10 |
| 29              | 10     | 14     | 16      | 26      | 21            | 20          | 3           | 55       | 4     | 12 | 16 | 11 | 8                     | 14 |



# March hath XXXI Days.

English Account

Roman Account

Full Moon 4 Day, 40 minutes past 3 Morning.  
 Last Quarter 11 Day, 51 minutes past 4 Morning.  
 New Moon 18 Day, 59 minutes past 2 Morning.  
 First Quarter 25 Day, 3 minutes past 11 at Night.

| Saints Days              | Moon sets. | The Southing of Fixed Stars. | Moon South. | Aspects and Weather. |
|--------------------------|------------|------------------------------|-------------|----------------------|
| 1 David                  | 5 M 15     |                              | 10 N 18     | The Fore-part        |
| 2 <b>Ember Week</b>      | 5 45       | Algoreb                      | 11 3        | of this              |
| 3 Mauritius              | 6 11       | 12 23 at Night.              | 11 48       | * ♀ ♀                |
| 4 Lucius                 | rises      | ♂ ♂ and ♀ this Day           | Morn.       | ♂ ♂ ♀                |
| 5 Eusebius               | 8 N 4      | at 1h. 45 m. past M.         | 0 32        | Month                |
| 6 <b>2 Su. in Lent.</b>  | 9 34       |                              | 1 19        | will in all          |
| 7 Perpetua               | 11 0       |                              | 2 7         | Probability          |
| 8 Felix                  | Morn.      | Arcturus                     | 3 1         | be attended          |
| 9 Prudentia              | 0 28       | 2 2 Morning.                 | 4 0         | with Store           |
| 10 Agapetus              | 1 45       |                              | 5 1         | of Downfal,          |
| 11 Forty Martyrs         | 2 46       | The Quartile of              | 6 3         | ♂ Perigee.           |
| 12 Greg. Mag.            | 3 29       | Saturn to Jupiter            | 7 6         | ♂ ♀ ♀                |
| 13 <b>3 Su. in Lent.</b> | 3 59       | last Month, and              | 8 5         | and brisk            |
| 14 <b>Pl. Low. Born.</b> | 4 22       | his Opposition to            | 8 59        | Gales of             |
| 15 Aristobulus           | 4 37       | Mars in this, will           | 9 49        | Wind.                |
| 16 Cyriacus              | 4 51       | in all Probability           | 10 38       |                      |
| 17 Patrick               | 5 4        | create great Con-            | 11 23       | ♂ ♀ ♂                |
| 18 Edwardus              | fets       | fusion amongst               | 0 A 12      | ♂ ♀ ♀                |
| 19 Joseph                | 8 N 47     | Princes, and foment          | 0 58        | From this            |
| 20 <b>4 Su. in Lent.</b> | 10 8       | Uproars, Wars, and           | 1 47        | Time to the          |
| 21 Benedictus            | 11 26      | Devastations.                | 2 36        | End of the           |
| 22 Paulus                | Morn.      |                              | 3 29        | Month ex-            |
| 23 Victorin.             | 0 31       | Lion's Tail                  | 4 20        | pect                 |
| 24 Marcus                | 1 31       | 10 35 at Night.              | 5 11        | ♂ ♂ ♀ * ♀ ♀          |
| 25 <b>Annun. B. V.</b>   | 2 14       |                              | 6 2         | ♂ Apogee.            |
| 26 Castorius             | 2 47       | Serpent's Neck               | 6 52        | * ♂ ♀                |
| 27 <b>5 Su. in Lent.</b> | 3 10       | 2 23 Morning.                | 7 38        | pleasant             |
| 28 Rupert                | 3 48       |                              | 8 21        | fair, but            |
| 29 Cyrillus              | 3 42       |                              | 9 4         | frosty               |
| 30 Guido                 | 3 55       | North Ballance               | 9 52        | Weather.             |
| 31 Aldelinus             | 4 5        | 1 40 Morning.                | 10 34       | ♂ ♀ ♂                |

| M D. | Sun rises | Sun sets | Saturn rises | Jupiter rises | Mars sets | Venus sets | Mercu. sets | Aries South | R A |
|------|-----------|----------|--------------|---------------|-----------|------------|-------------|-------------|-----|
| 6    | 6 6       | 5 55     | 9 N 37       | 4 M 51        | 8 N 57    | 9 N 3      | 7 N 48      | 0 9 55      | 17  |
| 12   | 5 54      | 6 7      | 9 13         | 4 32          | 9 2       | 9 26       | 7 55        | 23 44 30    | 23  |
| 18   | 5 41      | 6 20     | 8 10         | 4 14          | 9 5       | 9 48       | 7 34        | 23 22 48    | 29  |
| 24   | 5 29      | 6 32     | 8 26         | 4 54          | 9 8       | 10 9       | rises       | 23 0 41     | 6   |
| 31   | 5 14      | 6 47     | 7 59         | 3 31          | 9 13      | 10 35      | 4 M 53      | 22 35 30    | 11  |



| March 1748. |        |         |          | Weaver. |        |        |        |        |         |         |                       |   |        |                          |  |  |
|-------------|--------|---------|----------|---------|--------|--------|--------|--------|---------|---------|-----------------------|---|--------|--------------------------|--|--|
| M           | Day    | Length  | Days     |         |        |        |        |        |         |         |                       |   |        |                          |  |  |
| D           | break. | of Days | increaf. |         |        |        |        |        |         |         |                       |   |        |                          |  |  |
| 6           | 4      | 3       | 11 48    | 4       | 31     | 2N 39  | 0 S 33 | 0 N 2  | 0 N 7   | 2 N 8   | Planets<br>Latitudes. |   |        |                          |  |  |
| 12          | 3      | 50      | 12 14    | 4       | 57     | 2 40   | 0 34   | 0 6    | 0 26    | 3 5     |                       |   |        |                          |  |  |
| 18          | 3      | 35      | 12 39    | 5       | 22     | 2 41   | 0 35   | 0 10   | 0 46    | 3 20    |                       |   |        |                          |  |  |
| 24          | 3      | 17      | 13 4     | 5       | 47     | 2 42   | 0 36   | 0 14   | 1 5     | 2 39    |                       |   |        |                          |  |  |
| 31          | 3      | 7       | 13 32    | 6       | 13     | 2 42   | 0 37   | 0 18   | 1 27    | 0 55    |                       |   |        |                          |  |  |
| M           | Moon's | Moon's  |          |         |        |        |        |        |         |         |                       |   | Declin |                          |  |  |
| D           | Place. | Lat.    | ☉        | ☿       | ♈      | ♉      | ♊      | ♋      | ♌       | ♍       | ♎                     | ♏ |        |                          |  |  |
| 1           | 21 10  | 0 S 27  | 22 19    | 8 7     | 11 53  | 25 15  | 23 44  | 9 1    | 3 3     | North 6 |                       |   |        |                          |  |  |
| 2           | 3 37   | 1 31    | 23 19    | 8 5     | 11 49  | 25 8   | 24 6   | 57 10  | 33 2    |         |                       |   |        |                          |  |  |
| 3           | 16 30  | 2 36    | 24 19    | 8 8     | 12 22  | 26 42  | 26 10  | 11 59  | 2 15    |         |                       |   |        |                          |  |  |
| 4           | 29 22  | 3 32    | 25 10    | 8 0     | 12 14  | 27 26  | 27 23  | 13 20  | 1 52    |         |                       |   |        |                          |  |  |
| 5           | 12 40  | 4 18    | 26 18    | 7 57    | 12 24  | 26 28  | 10 28  | 36 14  | 8 35    | 1 28    |                       |   |        |                          |  |  |
| B           | 26 11  | 4 51    | 27 18    | 7 54    | 12 38  | 28 53  | 29 8   | 49 15  | 4 44    | 1 5     |                       |   |        |                          |  |  |
| 7           | 9 58   | 5 7     | 28 17    | 7 20    | 12 50  | 29 53  | 1 7    | 116 46 | 0 41    |         |                       |   |        |                          |  |  |
| 8           | 23 53  | 5 6     | 29 17    | 7 48    | 13 5 2 | 0 8    | 21 28  | 14 17  | 41 0    | 18      |                       |   |        |                          |  |  |
| 9           | 7 57   | 4 46    | Y 10     | 7 45    | 13 13  | 1 4    | 3 27   | 18 29  | North 6 |         |                       |   |        |                          |  |  |
| 10          | 21 56  | 4 9     | 1 16     | 7 41    | 13 9   | 25 1   | 48 4   | 39 19  | 10 0    | 30      |                       |   |        |                          |  |  |
| 11          | 6 7    | 3 18    | 2 15     | 7 38    | 13 37  | 218 31 | 52 45  | 19 45  | 0 54    |         |                       |   |        |                          |  |  |
| 12          | 20 16  | 2 12    | 3 14     | 7 35    | 13 49  | 3 14   | 7 3    | 20 24  | 11 1    | 18      |                       |   |        |                          |  |  |
| B           | 4 25   | 1 0     | 4 14     | 7 32    | 14 0   | 3 23   | 57 8   | 15 20  | 28 1    | 41      |                       |   |        |                          |  |  |
| 14          | 18 32  | 0 N 15  | 5 13     | 7 5 29  | 14 17  | 11 4   | 41 9   | 7 27   | 20 40   | 2 5     |                       |   |        |                          |  |  |
| 15          | 2 35   | 1 29    | 6 12     | 7 25    | 14 23  | 5 24   | 10 38  | 20 44  | 3 2     | 28      |                       |   |        |                          |  |  |
| 16          | 16 32  | 2 37    | 7 11     | 7 8 22  | 14 35  | 6 5 7  | 11 55  | 20 40  | 2 52    |         |                       |   |        |                          |  |  |
| 17          | 0 18   | 3 35    | 8 11     | 7 18    | 14 46  | 6 50   | 13 20  | 20 28  | 3 15    |         |                       |   |        |                          |  |  |
| 18          | 13 50  | 4 20    | 9 15     | 7 14    | 14 57  | 7 33   | 14 13  | 20 10  | 3 38    |         |                       |   |        |                          |  |  |
| 19          | 27 7   | 4 50    | 10 9     | 7 8 10  | 15 2 8 | 8 16   | 15 25  | 19 14  | 4 1     |         |                       |   |        |                          |  |  |
| B           | 10 4   | 5 3     | 11 8     | 7 19 7  | 15 19  | 8 22   | 59 16  | 37 19  | 4 25    |         |                       |   |        |                          |  |  |
| 21          | 22 45  | 5 2     | 12 7     | 7 3     | 15 10  | 29 9   | 42 17  | 14 48  | 4 48    |         |                       |   |        |                          |  |  |
| 22          | 5 7    | 4 46    | 13 6     | 6 59    | 15 40  | 10 25  | 19 0   | 18 7   | 5 11    |         |                       |   |        |                          |  |  |
| 23          | 17 11  | 4 18    | 14 17    | 6 55    | 15 21  | 50 11  | 8 20   | 11 17  | 5 34    |         |                       |   |        |                          |  |  |
| 24          | 29 12  | 3 38    | 15 4     | 6 51    | 16 1   | 11 51  | 21 23  | 16 0   | 5 57    |         |                       |   |        |                          |  |  |
| 25          | 11 3   | 2 50    | 16 3     | 6 15    | 16 11  | 12 33  | 23 34  | 15 55  | 6 19    |         |                       |   |        |                          |  |  |
| 26          | 12 53  | 1 54    | 17 11    | 6 43    | 16 21  | 13 16  | 23 45  | 15 9   | 6 42    |         |                       |   |        |                          |  |  |
| B           | 4 46   | 0 52    | 18 1     | 6 38    | 16 32  | 13 39  | 24 2   | 56 14  | 7 5     |         |                       |   |        |                          |  |  |
| 28          | 16 49  | 0 S 11  | 18 59    | 6 43    | 16 42  | 14 20  | 41 26  | 6 13   | 7 27    |         |                       |   |        |                          |  |  |
| 29          | 29 0   | 1 18    | 19 58    | 6 30    | 16 52  | 15 24  | 27 20  | 17 12  | 7 50    |         |                       |   |        |                          |  |  |
| 30          | 11 41  | 2 18    | 20 57    | 6 14    | 17 2   | 16 6   | 28 27  | 12 16  | 8 12    |         |                       |   |        |                          |  |  |
| 31          | 24 37  | 3 15    | 21 56    | 6 21    | 17 12  | 16 8   | 48 29  | 38 11  | 8 34    |         |                       |   |        |                          |  |  |
| Watch too   |        |         |          |         |        |        |        |        |         |         |                       |   |        | Heliocentric<br>Motions. |  |  |
| fast.       |        |         |          | ☉       | ☿      | ♈      | ♉      | ♊      | ♋       | ♌       | ♍                     | ♎ | ♏      |                          |  |  |
| 6           | 8 30   | 16 11   | 27 18    | 4 7     | 4 44   | 19 32  | 17 55  | 18 39  |         |         |                       |   |        |                          |  |  |
| 12          | 6 39   | 15 51   | 3 14     | 4 18    | 5 15   | 22 48  | 27 37  | 21 59  |         |         |                       |   |        |                          |  |  |
| 18          | 4 47   | 15 28   | 9 10     | 4 29    | 5 46   | 26 3   | 7 20   | 19 43  |         |         |                       |   |        |                          |  |  |
| 24          | 2 57   | 15 1    | 15 4     | 4 41    | 6 17   | 29 17  | 0 12   | 12 44  |         |         |                       |   |        |                          |  |  |
| 31          | 0 55   | 14 25   | 21 56    | 4 54    | 6 54   | 3 0    | 28 26  | 11 34  |         |         |                       |   |        |                          |  |  |



# April hath XXX Days.

English Account.

Full Moon 2 Day, 15 minutes past 4 Afternoon.  
 Last Quarter 9 Day, 1 minute past 11 Morning.  
 New Moon 16 Day, 44 minutes past 3 Afternoon.  
 First Quarter 24 Day, 42 minutes past 5 Afternoon.

Roman Account.

| Saints Days and Terms. | Moon sets | The Southing of Fixed Stars. | Moon South. | Aspects and Weather. |    |
|------------------------|-----------|------------------------------|-------------|----------------------|----|
| 1 Cam. Ter. ends       | 4M16      | The Soldiers about           | 11N21       | This Month           | 12 |
| 2 Ox. Ter. ends        | rises     | this Time seem               | Morn.       | begins with          | 13 |
| 3 Palm Sunday.         | 8N45      | very active, great           | 0 9         | brisk Winds,         | 14 |
| 4 Ambrose              | 10 14     | Preparations seem            | 1 3         | and frequent         | 15 |
| 5 Marrianus            | 11 40     | to be making for             | 2 1         | Showers              | 16 |
| 6 Irene                | Morn.     | an important Siege,          | 3 2         |                      | 17 |
| 7 Barnacus.            | 0 52      | or bloody Battle.            | 4 6         | Perigee.             | 18 |
| 8 Dionysius            | 1 46      |                              | 5 8         | of Rain.             | 19 |
| 9 Vincent              | 2 13      |                              | 6 7         | * ♀ ♀                | 20 |
| 10 Easter Sunday       | 2 34      |                              | 7 3         |                      | 21 |
| 11 Monday              | 2 50      | South Ballance 12            | 7 54        | Still wet            | 22 |
| 12 Tuesday             | 3 5       | 30 at Night.                 | 8 42        | and                  | 23 |
| 13 Heremenegit         | 3 19      |                              | 9 25        | ☉ ☿                  | 24 |
| 14 Tibartus            | 3 30      | The Crown of a               | 10 12       | somewhat             | 25 |
| 15 Duke Cam. bo.       | 3 43      | great Potentate              | 10 57       | windy.               | 26 |
| 16 Calistus            | fets      | seems to sit very            | 11 45       |                      | 27 |
| 17 Low Sunday          | 9N11      | uneasy upon his              | 0 A34       | Δ ♀ ♀                | 28 |
| 18 Valerian            | 10 24     | Head. And on the             | 1 26        | Now more             | 29 |
| 19 Alphege             | 11 27     | other Hand we may            | 2 18        | fair and             | 30 |
| 20 Ox. & Ca. T. be.    | Morn.     | expect to hear of            | 3 9         | very                 | 1  |
| 21 Anselmus            | 0 15      | some very harmo-             | 4 0         | Apogee.              | 2  |
| 22 Salerius            | 0 50      | nious Transaction,           | 4 49        | pleasant             | 3  |
| 23 St. George          | 1 19      | perhaps an emi-              | 5 34        | Spring               | 4  |
| 24 2 Sun. aft. Easter  | 1 39      | nent Marriage.               | 6 20        | Weather.             | 5  |
| 25 St. Mark            | 1 52      | Thus Cares and Blis          | 7 3         | * ♀ ♀                | 6  |
| 26 Clerus.             | 2 6       | promiscuously are            | 7 45        | Fruitful             | 7  |
| 27 Term begins         | 2 17      | bur'd,                       | 8 28        | Showers              | 8  |
| 28 Vitalis             | 2 19      | Now here now there,          | 9 12        | at the               | 9  |
| 29 Tychicus            | 2 41      | throughout this fickle       | 10 2        | End.                 | 10 |
| 30 Jacobus             | 2 54      | World.                       | 10 54       | ☉ ☿ Δ ♀ ♀            | 11 |

| M D | Sun rises | Sun sets | Saturn South | Jupiter rises | Mars sets | Venus sets | Mercu. rises | Aries South | R A   |
|-----|-----------|----------|--------------|---------------|-----------|------------|--------------|-------------|-------|
| 6   | 5 2       | 6 59     | 12 N34       | 3M12          | 9N15      | 10N54      | 4M37         | 22 13       | 24 17 |
| 12  | 4 50      | 7 11     | 12 10        | 2 52          | 9 18      | 11 13      | 4 25         | 21 51       | 3 23  |
| 18  | 4 39      | 7 22     | 11 46        | 2 31          | 9 20      | 11 27      | 4 13         | 21 28       | 26 29 |
| 24  | 4 28      | 7 33     | 11 21        | 2 9           | 9 21      | 11 37      | 4 1          | 21 5        | 32 5  |
| 30  | 4 17      | 7 44     | 10 55        | 1 47          | 9 21      | 11 44      | 5 50         | 20 42       | 14 11 |



| M. Day    |        |         |          | Length Days |         | April 1748. |          |             |          |       |            |   |   |              |    | Weaver. |  |
|-----------|--------|---------|----------|-------------|---------|-------------|----------|-------------|----------|-------|------------|---|---|--------------|----|---------|--|
| D         | break. | of Days | increaf. |             |         |             |          |             |          |       |            |   |   |              |    |         |  |
| 6         | 2 38   | 13 57   | 6 40     | 2 N 42      | 0 S 38  | 0 N 22      | 1 N 5    | 0 S 42      | Planets  |       | Latitudes. |   |   |              |    |         |  |
| 12        | 2 16   | 14 20   | 7 3      | 2 42        | 0 40    | 0 26        | 2 1      | 1 54        |          |       |            |   |   |              |    |         |  |
| 18        | 1 55   | 14 43   | 7 26     | 2 42        | 0 41    | 0 29        | 2 15     | 2 46        |          |       |            |   |   |              |    |         |  |
| 24        | 1 29   | 15 5    | 7 48     | 2 41        | 0 42    | 0 32        | 2 26     | 3 6         |          |       |            |   |   |              |    |         |  |
| 20        | 0 48   | 15 26   | 8 9      | 2 41        | 0 44    | 0 35        | 2 34     | 3 2         |          |       |            |   |   |              |    |         |  |
| M Moon's  |        | Moon's  |          |             |         |             |          |             |          |       |            |   |   | Declin.      |    |         |  |
| D         | Place. | Lat.    |          | ☉           | ☽       | ♂           | ♀        | ♂           | ♀        | ♂     | ♀          | ♂ | ♀ | ☉            | N. |         |  |
| 1         | 7 55   | 4 S     | 3        | 22 55       | 6 17 17 | Δ 21        | 17 30    | 0 10 48     | 11 8 4   | 8 56  |            |   |   |              |    |         |  |
| 2         | 21 35  | 4       | 38       | 23 8 53     | 6 12 17 | 17 31       | 18 13    | 1 59        | 10 5 31  | 9 17  |            |   |   |              |    |         |  |
| B         | 5 34   | 4       | 58       | 24 4 52     | 6 8 17  | □ 40        | 18 8 55  | 3 9         | 10 3     | 9 38  |            |   |   |              |    |         |  |
| 4         | 19 47  | 4       | 59       | 25 50       | 6 1 4   | 17 20 50    | 19 2 43  | 4 19        | 9 48     | 10 0  |            |   |   |              |    |         |  |
| 5         | 4 9    | 4       | 44       | 26 49       | 5 59 17 | * 59        | 20 20    | 5 28        | 9 Δ 34   | 10 21 |            |   |   |              |    |         |  |
| 6         | 18 33  | 4       | 10       | 27 Δ 47     | 5 55 18 | 23 8        | 21 2     | 6 2 38      | 9 9 23   | 10 43 |            |   |   |              |    |         |  |
| 7         | 2 53   | 3       | 17       | 28 17 46    | 5 * 50  | 18 16       | 21 44    | 7 48        | 9 □ 18   | 11 3  |            |   |   |              |    |         |  |
| 8         | 17 7   | 2       | 15       | 29 □ 44     | 5 5 46  | 18 25       | 22 Δ 26  | 8 58        | D 11 19  | 11 24 |            |   |   |              |    |         |  |
| 9         | 1 15   | 1       | 4        | 30 23 43    | 5 □ 41  | 18 34       | 23 9 8   | 10 Δ 7      | 9 * 23   | 11 45 |            |   |   |              |    |         |  |
| B         | 15 13  | 0 N     | 10       | 1 41        | 5 7 37  | 18 42       | 23 □ 50  | 11 51       | 9 13 32  | 12 6  |            |   |   |              |    |         |  |
| 11        | 29 2   | 1       | 22       | 2 * 40      | 5 Δ 32  | 18 6 51     | 24 16 32 | 12 26       | 9 47     | 12 25 |            |   |   |              |    |         |  |
| 12        | 12 43  | 2       | 28       | 3 7 38      | 5 11 28 | 18 59       | 25 * 14  | 13 □ 35     | 10 7     | 12 45 |            |   |   |              |    |         |  |
| 13        | 26 15  | 3       | 25       | 4 36        | 5 23 19 | 7           | 25 23 56 | 14 2 44     | 10 28    | 13 5  |            |   |   |              |    |         |  |
| 14        | 9 36   | 4       | 10       | 5 35        | 5 19 19 | * 15        | 26 37 15 | * 53        | 10 6 5   | 13 25 |            |   |   |              |    |         |  |
| 15        | 22 46  | 4       | 42       | 6 33        | 5 8 14  | 19 18 22    | 27 19 17 | 12 1        | 11 3 28  | 13 44 |            |   |   |              |    |         |  |
| 16        | 5 43   | 4       | 57       | 7 31        | 5 23 9  | 19 30       | 28 1 18  | 10 12       | 6 14     | 3     |            |   |   |              |    |         |  |
| B         | 18 24  | 4       | 59       | 8 4 29      | 5 5 19  | □ 38        | 28 6 43  | 19 19 12    | 46 14    | 22    |            |   |   |              |    |         |  |
| 18        | 0 55   | 4       | 45       | 9 27        | 5 0 19  | 6 45        | 29 21 25 | 20 27 13    | 29 14    | 41    |            |   |   |              |    |         |  |
| 19        | 13 11  | 4       | 18       | 10 25       | 4 56 19 | Δ 52        | 0 6 21   | 6 35        | 14 * 15  | 14 58 |            |   |   |              |    |         |  |
| 20        | 25 15  | 3       | 39       | 11 24       | 4 Δ 51  | 19 13 59    | 0 48 22  | 18 43       | 15 2 6   | 15 16 |            |   |   |              |    |         |  |
| 21        | 7 9    | 2       | 52       | 12 * 22     | 4 19 47 | 20 6        | 1 30 23  | 51 16 □ 1   | 15 34    |       |            |   |   |              |    |         |  |
| 22        | 18 59  | 1       | 58       | 13 12 20    | 4 42 20 | 12          | 2 11 24  | 58 16 20 59 | 15 52    |       |            |   |   |              |    |         |  |
| 23        | 0 47   | 0       | 58       | 14 18       | 4 □ 38  | 20 19       | 2 * 53   | 26 6 18     | 0 16 9   |       |            |   |   |              |    |         |  |
| B         | 12 40  | 0 S     | 4        | 15 □ 16     | 4 8 33  | 20 8 26     | 3 4 34   | 27 14 19 Δ  | 3 16 26  |       |            |   |   |              |    |         |  |
| 25        | 24 42  | 1       | 2        | 16 6 14     | 4 * 29  | 20 16 32    | 4 □ 16   | 28 * 21     | 20 14 8  | 16 44 |            |   |   |              |    |         |  |
| 27        | 6 59   | 2       | 8        | 17 Δ 12     | 4 19 24 | 20 38       | 4 20 57  | 29 8 28     | 21 16    | 17 0  |            |   |   |              |    |         |  |
| 27        | 19 35  | 3       | 4        | 18 21 9     | 4 20 20 | 44          | 5 39 26  | □ 35        | 22 26    | 17 16 |            |   |   |              |    |         |  |
| 28        | 2 36   | 3       | 53       | 19 7        | 4 16 20 | 50          | 6 Δ 20   | 12 24 1     | 23 40    | 17 32 |            |   |   |              |    |         |  |
| 29        | 16 4   | 4       | 31       | 20 5        | 4 11 20 | Δ 56        | 7 7 1    | 2 48        | 24 8 5   | 17 48 |            |   |   |              |    |         |  |
| 30        | 29 57  | 4       | 54       | 21 5        | 4 6 7   | 21 8 3      | 7 42     | 3 Δ 54      | 26 17 17 | 18 3  |            |   |   |              |    |         |  |
| Clock too |        |         |          |             |         |             |          |             |          |       |            |   |   | Heliocentric |    |         |  |
| flow.     |        |         |          | ☉           | ☽       | ♂           | ♀        | ♂           | ♀        | ♂     | ♀          | ♂ | ♀ | Motions.     |    |         |  |
| 6         | 0 37   | 13 50   | 27 47    | 5 5         | 7 25    | 6 9         | 8 1      | 23 5        |          |       |            |   |   |              |    |         |  |
| 12        | 1 55   | 13 13   | 3 38     | 5 17        | 7 57    | 9 16        | 17 26    | 9 43        |          |       |            |   |   |              |    |         |  |
| 18        | 2 56   | 12 36   | 9 27     | 5 25        | 8 28    | 12 21       | 27 41    | 16 15       |          |       |            |   |   |              |    |         |  |
| 24        | 3 38   | 11 58   | 15 16    | 5 39        | 9 0     | 15 24       | 7 27     | 13 28       |          |       |            |   |   |              |    |         |  |
| 30        | 4 0    | 11 21   | 21 3     | 5 50        | 9 31    | 18 26       | 17 16    | 2 5         |          |       |            |   |   |              |    |         |  |



# May hath XXXI Days.

Full Moon 2 Day, 46 minutes past 1 Morning.  
 Last Quarter 8 Day, 16 minutes past 5 Afternoon.  
 New Moon 16 Day, 17 minutes past 5 Morning.  
 First Quarter 24 Day, 40 minutes past 9 Morning.  
 Full Moon 31 Days, 28 Minutes past 9 Morning.

English Account

Roman Account

| Month | Saints Days and Terms. | Moon sets | The Southing of Fixed Stars. | Moon South | Aspects and Weather. |         |         |       |       |
|-------|------------------------|-----------|------------------------------|------------|----------------------|---------|---------|-------|-------|
| B     | 2 S. aft. Easter       | 3 M 11    | St. Phil. and Jacob.         | 11 N 48    | Somewhat             | F       |         |       |       |
| 2     | Athanasius             | rises     | Religious Broils are         | Mern.      | Windy with           | 13      |         |       |       |
| 3     | Diodorus               | 10 N 33   | about this Time to           | 0 50       | frequent             | 14      |         |       |       |
| 4     | Florianus              | 11 35     | be expected, and a           | 1 56       | Perigee.             | 15      |         |       |       |
| 5     | Gothardus              | Morn.     | Person in holy Or-           | 3 1        | 8 15 ♀               | 16      |         |       |       |
| 6     | John Por. Lat.         | 0 16      | ders meets Dis-              | 4 4        | Showers of           | 17      |         |       |       |
| 7     | Flavia                 | 0 43      | grace.                       | 5 1        | Rain promi-          | 18      |         |       |       |
| B     | 4 S. aft. Easter       | 1 0       | North Ballance               | 5 53       | ing a very           | P       |         |       |       |
| 9     | Greg. Naz.             | 1 16      | 11 12 at Night               | 6 43       | fruitful Spring.     | 20      |         |       |       |
| 10    | Gordianus              | 1 28      |                              | 7 28       |                      | 21      |         |       |       |
| 11    | Christian              | 1 39      | Br. * i'th' Harp             | 8 14       |                      | 22      |         |       |       |
| 12    | Pancratia              | 1 51      | 2 28 Morning.                | 8 57       |                      | 23      |         |       |       |
| 13    | Gliceria               | 2 5       | Scurrilous Aspersions        | 9 42       |                      | 24      |         |       |       |
| 14    | Boniface               | 2 21      | against Men in Au-           | 10 32      | * ♀ ♀                | 25      |         |       |       |
| B     | Rogat. Sunday.         | 2 42      | thority, with lying          | 11 20      | ☐ ♀ ♀                | F       |         |       |       |
| 16    | Ubaldu                 | fets      | Pamphlets and In-            | 0 A 11     | Showery still        | 27      |         |       |       |
| 17    | Bernardus              | 10 N 11   | vectives, are now as         | 1 1        | with                 | 28      |         |       |       |
| 18    | Diascorus              | 10 50     | much in Vogue as             | 1 52       | Apogee.              | 29      |         |       |       |
| 19    | Ascension Day          | 11 20     | ever.                        | 2 43       | brisk Wind           | 30      |         |       |       |
| 20    | Dr. Oats               | 11 42     | Merchants and Ac-            | 3 30       | and                  | 31      |         |       |       |
| 21    | Timotheus              | 11 59     | countants suffer Loss.       | 4 15       | ☐ ♀ ♀                | June    |         |       |       |
| P     | Su. aft. Ascensio      | Morn.     | A great Prelate and a        | 4 59       | frequent Claps       |         |         |       |       |
| 23    | Term ends.             | 0 12      | notable General a-           | 5 41       | of Thunder.          | 3       |         |       |       |
| 24    | Pr. George bo.         | 0 21      | bout this Time lay           | 6 20       |                      | 4       |         |       |       |
| 25    | Urbanus                | 0 31      | their Heads toge-            | 7 2        |                      | 5       |         |       |       |
| 26    | Ox. Term ends          | 0 44      | ther with a View             | 7 49       | Flying               | 6       |         |       |       |
| 27    | Bede                   | 0 54      | of Reconciling past          | 8 37       | ☐ ♀ ♀                | 7       |         |       |       |
| 28    | Germanus               | 1 10      | Differences.                 | 9 30       | ☐ ♀ ♀                | 8       |         |       |       |
| B     | Whit. Sunday.          | 1 31      | K. Ch. II. Reñor.            | 10 28      | Showers at           | F       |         |       |       |
| 30    | Pl. Am. Cat. b.        | 2 1       | Serpent's Head               | 11 32      | ☐ ♀ ♀                | 10      |         |       |       |
| 31    | Petronella             | 2 52      | 12 1 at Night.               | 12 38      | the End.             | 11      |         |       |       |
| M     | Sun                    | Sun       | Saturn                       | Jupiter    | Mars                 | Venus   | Mercur. | Aries | R     |
| D     | rises                  | fets      | South                        | rises      | fets                 | fets    | rises   | South | A     |
| 6     | 4 8                    | 7 53      | 10 N 30                      | 1 M 23     | 9 N 18               | 11 N 48 | 3 M 36  | 20 18 | 37 17 |
| 12    | 4 0                    | 8 1       | 10 4                         | 1 0        | 9 16                 | 11 46   | 3 28    | 19 54 | 37 23 |
| 18    | 3 52                   | 8 8       | 9 39                         | 0 37       | 9 12                 | 11 41   | 3 24    | 19 30 | 26 29 |
| 24    | 3 46                   | 8 14      | 9 13                         | 0 13       | 9 7                  | 11 31   | 3 28    | 19 5  | 54 4  |
| 31    | 3 41                   | 8 19      | 8 43                         | 11 N 38    | 8 53                 | 11 17   | 3 46    | 18 37 | 4 11  |

The 13<sup>th</sup> His Majesty set out for Holland and arrived there the 21



| M. D.              | Length of Days              | Days increas.               | May 1748.  |           |          |          |          |       |  |  |  |                       | Weaver. |  |
|--------------------|-----------------------------|-----------------------------|------------|-----------|----------|----------|----------|-------|--|--|--|-----------------------|---------|--|
| 6                  | 15 45                       | 8 28                        | 2N 40      | 0 S 45    | 0 N 37   | 2 N 39   | 2 S 36   |       |  |  |  | Planets<br>Latitudes. |         |  |
| 12                 | No real 16 1                | 8 44                        | 2 39       | 0 46      | 0 41     | 2 39     | 1 50     |       |  |  |  |                       |         |  |
| 18                 | Night 16 16                 | 8 59                        | 2 38       | 0 48      | 0 44     | 2 35     | 0 52     |       |  |  |  |                       |         |  |
| 24                 | 16 28                       | 9 11                        | 2 37       | 0 50      | 0 47     | 2 25     | 0 N 13   |       |  |  |  |                       |         |  |
| 26                 | 16 38                       | 9 21                        | 2 36       | 0 52      | 0 49     | 2 7      | 1 2      |       |  |  |  |                       |         |  |
| M. Moon's D Place. | Moon's Lat.                 | ☉ ☿ ♈ ♉ ♊ ♋ ♌ ♍ ♎ ♏ ♐ ♑ ♒ ♓ | Declin. N. |           |          |          |          |       |  |  |  |                       |         |  |
| B 14               | 14 S 59                     | 22 8 1                      | 47 3       | 21 7      | 8 2      | 57 0     | 27 47    | 18 18 |  |  |  |                       |         |  |
| 2 28               | 50 4 46                     | 22 14 59                    | 3 59       | 21 11 12  | 9 8 4    | 6 6      | 29 10    | 18 33 |  |  |  |                       |         |  |
| 3 13               | 37 4 13                     | 23 56                       | 3 55       | 21 * 17   | 9 17 45  | 7 11     | 0 35     | 18 47 |  |  |  |                       |         |  |
| 4 28               | 26 3 23                     | 24 54                       | 3 * 51     | 21 13 21  | 10 25    | 8 8 17   | 2 Δ 1    | 19 2  |  |  |  |                       |         |  |
| 5 13               | 11 2 20                     | 25 Δ 52                     | 3 9 47     | 21 26     | 11 6     | 9 17 23  | 3 7 29   | 19 15 |  |  |  |                       |         |  |
| 6 27               | 42 1 8                      | 26 22 49                    | 3 43       | 21 31     | 11 47    | 10 28    | 4 59     | 19 29 |  |  |  |                       |         |  |
| 7 11               | 59 0 N 7                    | 27 47                       | 3 10 39    | 21 6 45   | 12 Δ 28  | 11 33    | 6 14 33  | 19 42 |  |  |  |                       |         |  |
| B 25               | 59 1 20                     | 28 45                       | 3 Δ 35     | 21 17 39  | 13 1 9   | 12 38    | 8 10     | 19 55 |  |  |  |                       |         |  |
| 9 9                | 43 2 27                     | 29 54 2                     | 3 13 32    | 21 43     | 13 49    | 13 Δ 42  | 9 * 50   | 20 7  |  |  |  |                       |         |  |
| 10 23              | 11 3 25                     | Π * 40                      | 3 28 21    | 47        | 14 8 30  | 14 8 47  | 11 0 33  | 10 20 |  |  |  |                       |         |  |
| 11 6               | 26 4 11                     | 11 53 8                     | 3 24 21    | 51        | 15 * 11  | 15 51    | 13 19    | 20 32 |  |  |  |                       |         |  |
| 12 19              | 30 4 42                     | 2 35                        | 3 20 21    | * 55      | 15 17 52 | 16 19 55 | 15 6     | 20 43 |  |  |  |                       |         |  |
| 13 2               | 17 4 59                     | 3 33                        | 3 8 17     | 21 5 8    | 16 32    | 17 58 16 | 55       | 20 54 |  |  |  |                       |         |  |
| 14 14              | 55 5 1                      | 4 30                        | 3 2 13     | 22 1      | 17 13    | 19 * 1   | 18 6 46  | 21 5  |  |  |  |                       |         |  |
| B 27               | 21 4 49                     | 5 6 28                      | 3 9 22     | 14 3      | 17 54    | 20 9 3   | 20 9 39  | 21 15 |  |  |  |                       |         |  |
| 16 9               | 26 4 23                     | 6 17 25                     | 3 6 22     | 6 18 6 34 | 21 6 22  | 34 21    | 25       |       |  |  |  |                       |         |  |
| 17 21              | 41 3 46                     | 7 23                        | 3 Δ 2      | 22 Δ 9    | 19 19 15 | 22 9 24  | 32 21    | 35    |  |  |  |                       |         |  |
| 18 3               | 37 2 58                     | 8 20                        | 22 250     | 22 1 11   | 19 5     | 23 11 26 | 32 21    | 44    |  |  |  |                       |         |  |
| 19 15              | 27 2 5                      | 9 18                        | 2 56       | 22 13     | 20 35    | 24 6 12  | 28 34 21 | 53    |  |  |  |                       |         |  |
| 20 27              | 15 1 4                      | 10 15                       | 2 3        | 22 1      | 21 16    | 25 20 13 | Π * 36   | 22 2  |  |  |  |                       |         |  |
| 21 9               | 3 0 2                       | 11 * 12                     | 21 150     | 22 17     | 21 56    | 26 14    | 2 8 42   | 22 10 |  |  |  |                       |         |  |
| B 21               | 4 1 S 2                     | 12 5 10                     | 2 * 47     | 22 8 18   | 22 * 30  | 27 14    | 4 49     | 22 18 |  |  |  |                       |         |  |
| 23 2               | 56 2 3                      | 13 7                        | 22 444     | 22 3 20   | 23 3 17  | 28 15    | 6 57     | 22 25 |  |  |  |                       |         |  |
| 24 15              | 11 2 59                     | 14 22 5                     | 2 41       | 22 22     | 23 57    | 29 16    | 9 10 7   | 22 32 |  |  |  |                       |         |  |
| 25 27              | 46 3 49                     | 15 2                        | 2 39       | 22 23     | 24 18 37 | Ω * 15   | 11 18    | 22 38 |  |  |  |                       |         |  |
| 26 10              | 45 4 29                     | 15 Δ 19                     | 2 36       | 22 Δ 24   | 25 17    | 1 51 4   | 13 Δ 29  | 22 45 |  |  |  |                       |         |  |
| 27 24              | 11 4 56                     | 16 10 57                    | 2 6 33     | 22 12     | 25 Δ 56  | 2 12     | 15 6 41  | 22 51 |  |  |  |                       |         |  |
| 28 8               | 6 5 5                       | 17 54                       | 21 53 1    | 22 25     | 26 3 36  | 3 15 11  | 17 54    | 22 56 |  |  |  |                       |         |  |
| B 12               | 25 4 58                     | 18 51                       | 2 28       | 22 25     | 27 15    | 4 Δ 10   | 20 7 23  | 1     |  |  |  |                       |         |  |
| 30 7               | 15 4 30                     | 19 8 48                     | 2 25       | 22 25     | 27 55    | 5 20 9   | 22 18 23 | 5     |  |  |  |                       |         |  |
| 31 22              | 15 3 44                     | 20 21 46                    | 2 * 23     | 22 * 25   | 28 8 34  | 6 7 24 8 | 28 23    | 10    |  |  |  |                       |         |  |
| Watch to flow.     | ☉ ☿ ♈ ♉ ♊ ♋ ♌ ♍ ♎ ♏ ♐ ♑ ♒ ♓ | Heliocentric Motions.       |            |           |          |          |          |       |  |  |  |                       |         |  |
| 6 4                | 1 10 44                     | 26 49                       | 6 2        | 10 2      | 21 26    | 26 54    | 23 5     |       |  |  |  |                       |         |  |
| 12 3               | 42 10 10                    | 27 34                       | 6 13       | 10 34     | 24 24    | 6 36     | 18 *     | 2     |  |  |  |                       |         |  |
| 18 3               | 5 9 40                      | 8 20                        | 6 24       | 11 36     | 27 21    | 16 17    | 17 48    |       |  |  |  |                       |         |  |
| 24 2               | 11 9 13                     | 14 5                        | 6 36       | 11 38     | 0 16     | 25 56    | 22 45    |       |  |  |  |                       |         |  |
| 31 0               | 53 8 46                     | 20 46                       | 6 49       | 12 14     | 3 33     | 7 10     | 6 40     |       |  |  |  |                       |         |  |



# June hath XXX Days,

Last Quarter 7 Day, 27 minutes before 1 Morning.  
**New Moon** 14 Day, 50 minutes past 7 Afternoon.  
 First Quarter 22 Day, 23 minutes past 10 at Night.  
**Full Moon** 29 Day, 17 minutes past 4 Afternoon.

English Account

Roman Account.

| Saints Days, and Terms.      | Moon rises | The Southing of Fixed Stars.      | Moon South | Aspects and Weather.           |    |
|------------------------------|------------|-----------------------------------|------------|--------------------------------|----|
| 1 <b>Ember Week</b>          | 10N 8      | This Month is ushered in with the | 0M 38      | Per. $\Delta \odot \text{V}$   | 12 |
| 2 Erasmus                    | 10 42      | Preferment of some                | 1 44       | $\delta \delta \text{V}$ Fair  | 13 |
| 3 Pauli                      | 11 2       | worthy Prelate or                 | 2 46       | $\Delta \text{h} \text{V}$ and | 14 |
| 4 Quirinus                   | 11 18      | Divine, and Propo-                | 3 42       | hot, but not                   | 15 |
| 5 <b>Trinity Sund.</b>       | 11 31      | sitions of Peace are              | 4 32       | $\Delta \text{h} \delta$       | 16 |
| 6 Norbertus                  | 11 44      | again upon the Ta-                | 5 21       | without some                   | 17 |
| 7 Flavia                     | 11 55      | pis. Some notable                 | 6 6        | cooling Gales.                 | 18 |
| 8 <b>Or. Ter. ends</b>       | Morn.      | Project of an ami-                | 6 50       |                                | 19 |
| 9 Omphiriu s                 | 0 7        | cable Nature is now               | 7 28       |                                | 20 |
| 10 <b>Term begins</b>        | 0 25       | K. Geo. II. Inau.                 | 8 38       | $\Delta \odot \text{h}$        | 21 |
| 11 <b>St. Barnabas</b>       | 0 43       | in Agitation.                     | 9 12       | Wet and                        | 22 |
| 12 <b>1 S. aft. Trin.</b>    | 1 8        | Br. * i'th' Vulture               | 10 1       | windy now                      | 23 |
| 13 Cyrillus                  | 1 44       | 1 10 Morning.                     | 10 53      | about.                         | 24 |
| 14 Tiburtius                 | fets       | Mouth of Pegasus 2                | 11 45      | $\text{V}$ Apogee.             | 25 |
| 15 <b>K. Geo. II. pro.</b>   | 9N 19      | 59 Morning.                       | 0 A 33     |                                | 26 |
| 16 Rulandus                  | 9 43       | A Lady of Note meets              | 1 22       |                                | 27 |
| 17 Alban                     | 9 58       | Disappointment, A-                | 2 7        | $\delta \text{V} \text{V}$     | 28 |
| 18 Marcus                    | 10 11      | nimosities and Di-                | 2 48       | $\square \text{h} \text{V}$    | 29 |
| 19 <b>2 S. aft. Trin.</b>    | 10 24      | visions get fresh                 | 3 31       | Fair and hot                   | 30 |
| 20 Edward                    | 10 35      | Footing, and Hof-                 | 4 11       | with Claps of                  | 1  |
| 21 Demetrius                 | 10 45      | tilities, Slaughter,              | 4 53       | Thunder.                       | 2  |
| 22 Paulinus                  | 10 55      | and Bloodshed, may                | 5 35       |                                | 3  |
| 23 Agrippina                 | 11 8       | about this Time be                | 6 19       |                                | 4  |
| 24 <b>St. John Bapt.</b>     | 11 26      | expected.                         | 7 10       |                                | 5  |
| 25 Amphianus                 | 11 52      | Term ends.                        | 8 4        | $\delta \odot \delta$          | 6  |
| 26 <b>3 S. aft. Trin.</b>    | Morn       |                                   | 9 4        |                                | 7  |
| 27 Levinus                   | 0 27       |                                   | 10 11      |                                | 8  |
| 28 Leo                       | 1 30       |                                   | 11 13      |                                | 9  |
| 29 <b>St. Pet. &amp; Pau</b> | rises      |                                   | Morn.      | $\text{V}$ Perigee.            | 10 |
| 30 Conv. Pauli.              | 9N 0       |                                   | 0 19       |                                | 11 |

| M  | Sun rises | Sun sets | Saturn rises | Jupiter rises | Mars rises | Venus rises | Mercur. rises | Ar'ies South | R     |
|----|-----------|----------|--------------|---------------|------------|-------------|---------------|--------------|-------|
| 6  | 3 39      | 8 23     | 1M 27        | 11 N 18       | 8N 52      | 11 N 1      | 9N 27         | 18 12        | 11 17 |
| 12 | 3 39      | 8 27     | 1 3          | 10 51         | 8 45       | 10 44       | 9 40          | 17 47        | 10 23 |
| 18 | 3 40      | 8 19     | 0 36         | 10 27         | 8 35       | 10 25       | 9 44          | 17 22        | 20 29 |
| 24 | 3 44      | 8 15     | 0 11         | 10 2          | 8 26       | 10 4        | 9 36          | 16 57        | 47 5  |
| 30 | 3 49      | 8 10     | 11 N 4       | 9 57          | 8 16       | 9 40        | 9 21          | 16 33        | 19 11 |



|           |                   |            |            | June 1748. |               |          |          |          |            |   |   |   |         | Weaver |  |
|-----------|-------------------|------------|------------|------------|---------------|----------|----------|----------|------------|---|---|---|---------|--------|--|
| M         | D.                | Length     | Days       |            |               |          |          |          |            |   |   |   |         |        |  |
|           |                   | of Days    | increas.   |            |               |          |          |          |            |   |   |   |         |        |  |
| 6         |                   | 16 42      | 9 2        |            |               |          |          |          |            |   |   |   |         |        |  |
| 12        | All               | 16 42      | Decr.      | 2 33       | 0 55          | 0 53     | 1 16     | 1 56     | Planets    |   |   |   |         |        |  |
| 18        | Twilight.         | 16 39      | 0 4        | 2 31       | 0 57          | 0 55     | 0 40     | 1 38     | Latitudes. |   |   |   |         |        |  |
| 24        |                   | 15 31      | 0 12       | 2 3        | 0 59          | 0 58     | 0 5      | 0 59     |            |   |   |   |         |        |  |
| 30        |                   | 16 22      | 0 21       | 2 28       | 1 0           | 1 0      | 0 58     | 0 3      |            |   |   |   |         |        |  |
| M         | Moon's            | Moon's     | ☉          | ☿          | ♂             | ♀        | ♂        | ♀        | ♂          | ♀ | ♂ | ♀ | Declin. |        |  |
| D         | Place             | Lat.       | ☉          | ☿          | ♂             | ♀        | ♂        | ♀        | ♂          | ♀ | ♂ | ♀ | N.      |        |  |
| 1         | 7 <sup>W</sup> 26 | 2 S 39     | 21 43      | 21 6 21    | 22 0 24       | 29 10 15 | 7 4      | 26 43 8  | 23 13      |   |   |   |         |        |  |
| 2         | 22 31             | 1 26       | 22 40      | 2 19       | 22 24         | 29 55    | 8 0      | 28 48    | 23 17      |   |   |   |         |        |  |
| 3         | 7 <sup>W</sup> 22 | 0 6        | 23 37      | 21 6 17    | 22 29         | 0 35     | 8 8 56   | 0 56     | 23 20      |   |   |   |         |        |  |
| 4         | 21 56             | 1 N 11     | 24 35      | 2 15       | 22 6 22       | 1 16     | 9 3 51   | 3 2      | 23 22      |   |   |   |         |        |  |
| B         | 6 <sup>X</sup> 8  | 2 21       | 25 32      | 21 7 13    | 22 12         | 11 7 56  | 10 4     | 5 22 6   | 23 24      |   |   |   |         |        |  |
| 6         | 19 57             | 3 24       | 26 29      | 2 11       | 22 20         | 2 36     | 11 41    | 7 9      | 23 26      |   |   |   |         |        |  |
| 7         | 3 <sup>V</sup> 24 | 4 14       | 27 13 29   | 2 10       | 22 18         | 3 24 16  | 12 35    | 9 10     | 23 27      |   |   |   |         |        |  |
| 8         | 16 32             | 4 47       | 28 * 24    | 2 8        | 22 * 17       | 3 56     | 13 18 28 | 11 12 8  | 23 28      |   |   |   |         |        |  |
| 9         | 29 24             | 5 6        | 29 24 21   | 2 8        | 22 11 15      | 4 * 35   | 14 20    | 13 3     | 23 29      |   |   |   |         |        |  |
| 10        | 12 8              | 5 9        | 0 18       | 2 5        | 22 13         | 5 10 15  | 15 12    | 14 * 55  | 23 29      |   |   |   |         |        |  |
| 11        | 24 22             | 4 59       | 1 15       | 2 4        | 22 20 11      | 5 55     | 16 6 4   | 16 6 45  | 23 29      |   |   |   |         |        |  |
| B         | 6 34              | 4 33       | 2 12       | 2 3        | 22 8          | 6 34     | 16 * 50  | 18 45    | 23 28      |   |   |   |         |        |  |
| 13        | 18 3              | 3 56       | 3 10       | 2 2        | 22 6          | 7 14     | 17 22 46 | 20 33    | 23 27      |   |   |   |         |        |  |
| 14        | 0 33              | 3 9        | 4 7        | 2 1        | 22 7 3        | 7 54     | 18 35    | 22 19    | 23 25      |   |   |   |         |        |  |
| 15        | 12 20             | 2 15       | 5 4        | 2 3        | 22 0          | 8 16 33  | 19 22    | 24 3     | 23 23      |   |   |   |         |        |  |
| 16        | 24 9              | 1 10       | 6 1        | 1 59       | 21 57         | 9 13     | 20 11    | 25 46    | 23 21      |   |   |   |         |        |  |
| 17        | 5 56              | 0 11       | 6 58       | 1 58       | 21 53         | 9 52     | 20 58    | 27 4 27  | 23 18      |   |   |   |         |        |  |
| 18        | 17 40             | 0 S 52     | 7 55       | 1 58       | 21 50         | 10 31    | 21 6 41  | 29 5     | 23 15      |   |   |   |         |        |  |
| B         | 29 38             | 1 56       | 8 * 53     | 1 * 57     | 21 46         | 11 11    | 22 9 29  | 0 41     | 23 11      |   |   |   |         |        |  |
| 20        | 11 41             | 2 54       | 9 20 50    | 1 57       | 21 43         | 11 * 50  | 23 13    | 2 15     | 23 7       |   |   |   |         |        |  |
| 21        | 23 58             | 3 40       | 10 47      | 1 57       | 21 39         | 12 0 29  | 23 56    | 3 * 47   | 23 3       |   |   |   |         |        |  |
| 22        | 6 31              | 4 28       | 11 44      | 1 50       | 21 35         | 13 9     | 24 39    | 5 1 17   | 22 58      |   |   |   |         |        |  |
| 23        | 19 27             | 4 58       | 12 10 41   | 1 56       | 21 30         | 13 34    | 25 * 21  | 6 44     | 22 52      |   |   |   |         |        |  |
| 24        | 2 14 8            | 5 12       | 13 19      | 1 56       | 21 26         | 14 27    | 26 11 3  | 8 8      | 22 47      |   |   |   |         |        |  |
| 25        | 16 36             | 5 11       | 14 10 36   | 1 56       | 21 21         | 15 21 6  | 26 44    | 9 10 30  | 22 41      |   |   |   |         |        |  |
| B         | 0 4 52            | 4 50       | 15 33      | 1 57       | 21 16 15      | 40       | 27 18 24 | 10 50    | 22 35      |   |   |   |         |        |  |
| 27        | 15 33             | 4 10       | 16 30      | 1 57       | 21 * 11 16    | 25       | 28 2     | 12 18 8  | 22 28      |   |   |   |         |        |  |
| 28        | 0 33              | 3 11       | 17 27      | 1 * 57     | 21 9 5 17     | 4        | 28 13 8  | 13 23 22 | 20         |   |   |   |         |        |  |
| 29        | 15 49             | 1 58       | 18 25      | 1 2 8      | 21 0 17 8 43  | 29 12    | 14 30 22 | 13       |            |   |   |   |         |        |  |
| 30        | 1 3               | 0 33       | 19 4 22    | 1 59       | 20 55 18 3 22 | 29 44    | 15 46 22 | 5        |            |   |   |   |         |        |  |
| Clock too |                   |            |            |            |               |          |          |          |            |   |   |   |         |        |  |
| fast.     |                   |            |            |            |               |          |          |          |            |   |   |   |         |        |  |
| 6         | 0 21              | 8 24 26    | 25         | 7 0 12     | 41            | 6 30     | 10 45    | 11 39    |            |   |   |   |         |        |  |
| 12        | 1 39              | 8 13 25    | 12         | 7 11 13    | 17            | 9 20     | 26 39    | 11 13    |            |   |   |   |         |        |  |
| 18        | 2 54              | 8 1 7 55   | 7 23       | 13 45      | 12            | 9 57 51  |          | 37       |            |   |   |   |         |        |  |
| 24        | 4 0               | 7 51 13 39 | 7 34 14    | 21         | 14 57 15 22   | 15 17    |          |          |            |   |   |   |         |        |  |
| 30        | 4 54              | 7 49 19 22 | 7 45 14 52 | 17         | 44 24 52      | 14 135   |          |          |            |   |   |   |         |        |  |



# July hath XXXI Days.

Last Quarter 6 Day, 50 minutes past 9 Morning.  
 New Moon 14 Day, 13 minutes past 11 Morning.  
 First Quarter 22 Day, 21 minutes past 8 Morning.  
 Full Moon 28 Day, 33 minutes past 11 at Night.

English Account

Roman Account

| Saints Days, and Terms. | Moon rises | The Southing of Fixed Stars. | Moon South. | Aspects and Weather. |       |
|-------------------------|------------|------------------------------|-------------|----------------------|-------|
| 1 Rumoldus              | 9 N 18     |                              | 1 M 20      | Brisk Gales,         | 12    |
| 2 Visit. B. Mary        | 9 34       | Lofty Consultations          | 2 14        | with flying          | 13    |
| B 4 S. aft. Trin.       | 9 47       | are now upon the             | 3 7         | Showers.             | F 14  |
| 4 Theodorus             | 9 57       | Tapis, but lying             | 3 57        | * ♀ 8 ♀ 9            | 15    |
| 5 Cam. Comm.            | 10 9       | Reports in a great           | 4 44        |                      | 16    |
| 6 Sixtus                | 10 25      | Measure frustrate            | 5 39        |                      | 17    |
| 7 Tho. Becket.          | 10 44      | their good Intenti-          | 6 17        |                      | 18    |
| 8 Cam. T. ends          | 11 8       | ons.                         | 7 5         |                      | 19    |
| 9 Cyrillus              | 11 38      | Serpent's Head 9 21          | 7 55        | Now Wind             | 20    |
| B 5 S. aft. Trin.       | Morn.      | at Night.                    | 8 46        | and Rain             | F 21  |
| 11 Ox. Act begins       | 0 17       | Up. br. * in Pegas.          | 9 38        |                      | 22    |
| 12 Nabor                | 1 24       | W. 2 42 Morning.             | 10 27       | ☐ ☉ ♀                | 23    |
| 13 Mildreda             | 2 3        |                              | 11 16       | Apogee               | 24    |
| 14 Bonaventure          | sets       | The Brains of Men,           | 0 A 2       | Eclip. Visib.        | 25    |
| 15 Swithin              | 8 N 17     | like the Season, are         | 0 46        |                      | 26    |
| 16 Faustus              | 8 29       | now very hot. Vi-            | 1 28        | pected.              | 27    |
| B 6 S. aft. Trin.       | 8 40       | olent Proceedings            | 2 9         |                      | F 28  |
| 18 Symphorus            | 8 50       | amongst the Soldi-           | 2 50        |                      | 29    |
| 19 Rufinus              | 9 1        | ery, and hot De-             | 3 31        |                      | 30    |
| 20 Margaret             | 9 14       | bates in the Cabi-           | 4 11        |                      | 31    |
| 21 Dog Days beg.        | 9 29       | nets and Councils of         | 5 2         | Thunder              | Aug 1 |
| 22 Mary Magd.           | 9 50       | Princes, may about           | 5 54        | ☐ ♀ ♂                | 2     |
| 23 Apollinarius         | 10 24      | this Time be ex-             | 6 48        | Claps with           | F 3   |
| B 7 S. aft. Trin.       | 11 10      | pected.                      | 7 52        | Storms of            | 4     |
| 25 St. James            | Morn.      | Mouth of Pegasus 12          | 8 52        | Hail.                | 5     |
| 26 Anna                 | 0 15       | 19 at Night.                 | 10 0        | Very hot             | 6     |
| 27 Martha               | 1 35       | A Lawyer or Clergy-          | 11 1        | Perigee.             | 7     |
| 28 Celsus               | 3 12       | man meets Frowns             | 12 0        | Eclip. Visib.        | 8     |
| 29 Beatrix              | rises      | or Disappointment.           | Morn.       | ☉ ☌ * ♀              | 9     |
| 30 Abdon                | 7 N 53     |                              | 0 55        | with Claps of        | 10    |
| B 8 S. aft. Trin.       | 8 10       | Pris. Augusta born.          | 1 45        | Thunder.             | F 11  |

| M. D. | Sun rises | Sun sets | Saturn sets | Jupiter rises | Mars rises | Venus sets | Mercu. sets | Aries South. | R A |
|-------|-----------|----------|-------------|---------------|------------|------------|-------------|--------------|-----|
| 6     | 3 56      | 8 3      | 11 N 21     | 9 N 11        | 3 M 32     | 9 N 14     | 9 N 0       | 16 9 10      | 17  |
| 12    | 4 4       | 7 55     | 10 56       | 8 46          | 3 30       | 8 45       | 8 34        | 15 45 12     | 23  |
| 18    | 4 12      | 7 47     | 10 32       | 8 20          | 3 28       | 8 14       | 8 5         | 15 21 40     | 29  |
| 24    | 4 22      | 7 37     | 10 9        | 7 56          | 3 26       | 7 41       | 7 33        | 14 58 28     | 4   |
| 31    | 4 35      | 7 24     | 9 42        | 7 27          | 3 25       | 7 6        | 6 55        | 14 31 55     | 11  |



|                 |         |         |          | July 1748. |          |          |         |          |       |   |   |   |   | Weaver.               |                       |  |
|-----------------|---------|---------|----------|------------|----------|----------|---------|----------|-------|---|---|---|---|-----------------------|-----------------------|--|
| M               | Day     | Length  | Days     |            |          |          |         |          |       |   |   |   |   |                       |                       |  |
| D               | break   | of Days | increaf. |            |          |          |         |          |       |   |   |   |   |                       |                       |  |
| 6               | No real | 16 8    | 0 35     | 2N 27      | 1 S 1    | 1 N 1    | 1 S 59  | 1 S 6    |       |   |   |   |   |                       | Planets<br>Latitudes. |  |
| 12              | Night.  | 15 52   | 0 51     | 2 25       | 1 2      | 1 3      | 3 10    | 2 23     |       |   |   |   |   |                       |                       |  |
| 18              | 0 21    | 15 34   | 1 9      | 2 23       | 1 3      | 1 4      | 4 26    | 3 38     |       |   |   |   |   |                       |                       |  |
| 24              | 1 15    | 15 14   | 1 29     | 2 22       | 1 4      | 1 6      | 5 46    | 4 34     |       |   |   |   |   |                       |                       |  |
| 31              | 1 57    | 14 49   | 1 54     | 2 20       | 1 5      | 1 7      | 7 10    | 4 43     |       |   |   |   |   |                       |                       |  |
| M               | Moon's  | Moon's  |          | ☉          | ☽        | ♂        | ♀       | ♂        | ♀     | ♂ | ♀ | ♂ | ♀ | Declin.               |                       |  |
| D               | Place.  | Lat.    |          |            |          |          |         |          |       |   |   |   |   | ☉ N.                  |                       |  |
| 1               | 16 8    | 0N 45   | 20 19    | 2 1 0      | 20 8 49  | 19 1     | 0 8 15  | 16 8 54  | 21 56 |   |   |   |   |                       |                       |  |
| 2               | 0 58    | 2 4     | 21 16    | 2 1 1      | 20 7 44  | 19 40    | 0 24 45 | 18 1 0   | 21 48 |   |   |   |   |                       |                       |  |
| B               | 15 29   | 3 14    | 22 14    | 2 2 1      | 20 38    | 20 19    | 1 14    | 19 2     | 21 39 |   |   |   |   |                       |                       |  |
| 4               | 9 23    | 4 9     | 23 11    | 2 2 2      | 20 32    | 20 9 58  | 1 42    | 20 1     | 21 29 |   |   |   |   |                       |                       |  |
| 5               | 12 58   | 4 46    | 24 8     | 2 3        | 20 26    | 21 37    | 2 9     | 20 57    | 21 20 |   |   |   |   |                       |                       |  |
| 6               | 16 8    | 5 10    | 25 22    | 2 4        | 20 14 20 | 22 17 16 | 2 35    | 21 16 49 | 21 10 |   |   |   |   |                       |                       |  |
| 7               | 8 56    | 5 16    | 26 2     | 2 11 5     | 20 13    | 22 55    | 2 12 58 | 22 39    | 20 59 |   |   |   |   |                       |                       |  |
| 8               | 21 26   | 5 8     | 27 *     | 2 6        | 20 21 7  | 23 33    | 3 10    | 23 27    | 20 43 |   |   |   |   |                       |                       |  |
| 9               | 3 41    | 4 4     | 27 12 57 | 2 8        | 20 0     | 24 4 12  | 3 24 38 | 24 4 9   | 20 36 |   |   |   |   |                       |                       |  |
| B               | 15 4    | 4 10    | 28 54    | 2 9        | 19 53    | 24 51    | 3 56    | 24 48    | 20 25 |   |   |   |   |                       |                       |  |
| 11              | 27 40   | 3 2     | 29 52    | 2 11       | 19 8 46  | 25 30    | 4 12    | 25 19 24 | 20 13 |   |   |   |   |                       |                       |  |
| 12              | 9 29    | 2 31    | 30 49    | 2 9 13     | 19 39    | 26 9     | 4 14 27 | 25 56    | 20 1  |   |   |   |   |                       |                       |  |
| 13              | 21 16   | 1 30    | 31 46    | 2 15       | 19 32    | 26 47    | 4 39    | 26 23    | 19 48 |   |   |   |   |                       |                       |  |
| 14              | 3 4     | 0 2     | 22 344   | 2 22 17    | 19 25    | 27 12 26 | 4 49    | 26 44    | 19 35 |   |   |   |   |                       |                       |  |
| 15              | 14 52   | 0 S 39  | 3 41     | 2 19       | 19 8 17  | 28 5     | 4 57    | 27 5     | 19 22 |   |   |   |   |                       |                       |  |
| 16              | 26 45   | 1 44    | 4 38     | 2 21       | 19 9 10  | 28 43    | 5 3     | 27 21    | 19 8  |   |   |   |   |                       |                       |  |
| B               | 8 40    | 2 40    | 5 36     | 2 11 23    | 19 3     | 29 22    | 5 17 6  | 27 1 27  | 18 54 |   |   |   |   |                       |                       |  |
| 18              | 20 57   | 3 37    | 6 33     | 2 25       | 18 56    | 30 1     | 5 18 7  | 27 31    | 18 40 |   |   |   |   |                       |                       |  |
| 19              | 3 20    | 4 21    | 7 31     | 2 28       | 18 48    | 31 19    | 5 5     | 27 30    | 18 26 |   |   |   |   |                       |                       |  |
| 20              | 15 58   | 4 56    | 8 28     | 2 30       | 18 41    | 31 18    | 5 2     | 27 24    | 18 11 |   |   |   |   |                       |                       |  |
| 21              | 28 5    | 5 14    | 9 25     | 2 33       | 18 53    | 31 57    | 4 5     | 27 21 12 | 17 5  |   |   |   |   |                       |                       |  |
| 22              | 12 11   | 5 1     | 10 20 23 | 2 7 36     | 18 26    | 2 6 35   | 4 11 4  | 6 5      | 17 40 |   |   |   |   |                       |                       |  |
| 23              | 25 51   | 5 2     | 11 20    | 2 38       | 8 11 18  | 3 14     | 4 36    | 2 32     | 17 25 |   |   |   |   |                       |                       |  |
| B               | 9 5     | 4 29    | 12 18    | 2 41       | 18 10    | 3 13 53  | 4 14 24 | 26 1 4   | 17 9  |   |   |   |   |                       |                       |  |
| 25              | 24 21   | 3 38    | 13 4 15  | 2 44       | 18 14 3  | 4 32     | 4 15    | 25 52    | 16 54 |   |   |   |   |                       |                       |  |
| 26              | 9 8     | 2 32    | 14 13    | 2 14 47    | 17 53    | 5 10     | 3 16 51 | 14 2 56  | 16 36 |   |   |   |   |                       |                       |  |
| 27              | 24 9    | 1 1     | 15 10    | 2 15 50    | 17 47    | 5 49     | 3 3     | 14 17    | 16 19 |   |   |   |   |                       |                       |  |
| 28              | 9 17    | 0 N 8   | 16 8 8   | 2 14 53    | 17 39    | 6 19 28  | 3 7     | 13 8 31  | 16 2  |   |   |   |   |                       |                       |  |
| 29              | 24 23   | 1 30    | 17 12 5  | 2 15 7     | 17 14 3  | 7 6      | 2 8 12  | 12 144   | 15 45 |   |   |   |   |                       |                       |  |
| 30              | 9 16    | 2 46    | 18 3     | 3 14 0     | 17 2     | 7 44     | 2 13 10 | 11 55    | 15 27 |   |   |   |   |                       |                       |  |
| B               | 23 51   | 3 49    | 19 1     | 3 3        | 17 1     | 8 22     | 1 48    | 21 4 15  | 9     |   |   |   |   |                       |                       |  |
| Watch too fast. |         |         |          | ☉          | ☽        | ♂        | ♀       | ♂        | ♀     | ♂ | ♀ | ♂ | ♀ | Heliocentric Motions. |                       |  |
| 6               | 5 34    | 7 47    | 25 5     | 7 56       | 15 24    | 20 30    | 4 21    | 1 33     |       |   |   |   |   |                       |                       |  |
| 12              | 5 54    | 7 46    | 0 49     | 8 8        | 15 56    | 23 15    | 13 50   | 18 2     |       |   |   |   |   |                       |                       |  |
| 18              | 5 53    | 7 46    | 6 33     | 8 19       | 16 28    | 25 58    | 23 18   | 4 48     |       |   |   |   |   |                       |                       |  |
| 24              | 5 31    | 7 46    | 12 18    | 8 30       | 16 50    | 28 41    | 2 47    | 22 38    |       |   |   |   |   |                       |                       |  |
| 31              | 4 39    | 7 45    | 19 1     | 8 43       | 17 36    | 1 50     | 1 51    | 15 56    |       |   |   |   |   |                       |                       |  |



# August hath XXXI Days.

Last Quarter 4 Day, 22 minutes past 10 at Night.  
**New Moon** 13 Day, at 46 minutes past 2 Morning.  
 First Quarter 20 Day, 24 minutes past 4 Afternoon.  
**Full Moon** 27 Day, 54 minutes past 7 Morning.

English Account.

Roman Account.

| Month. | Saints Days.     | Moon rises | The Southing of Fixed Stars.                           | Moon South.  | Affects and Weather. |             |              |             |       |
|--------|------------------|------------|--|--------------|----------------------|-------------|--------------|-------------|-------|
| 1      | Lammas Day       | 8N19       | A fly Piece of Villany about this Time comes to Light. | 2M33         | ☉ ☿ ☿                | 12          |              |             |       |
| 2      | Stephanus        | 8 36       |  | 3 21         | Foggy Mists          | 13          |              |             |       |
| 3      | Inv. Stephen     | 8 52       |  | 4 12         | or drizzling         | 14          |              |             |       |
| 4      | Aristarchus      | 9 16       | amongst 7 Stars at 4 in the Morning.                   | 5 2          | Rain.                | 15          |              |             |       |
| 5      | Oswald           | 9 43       |  | 5 52         |                      | 16          |              |             |       |
| 6      | Transf. Christ.  | 10 27      |  | 6 44         | ☿ ☿ ☿                | 17          |              |             |       |
| 7      | 9 S. afr. Trin.  | 11 21      |  | 7 33         | Rough Winds          | 18          |              |             |       |
| 8      | Cyriacus         | Morn. Low. | * in Peg. W.   | 8 24         | ☉ ☿ ☿ with           | 19          |              |             |       |
| 9      | Romanus          | 0 23       | 1 54 Morning.  | 9 14         | frequent             | 20          |              |             |       |
| 10     | Lawrence         | 1 35       |  | 10 1         | Apog                 | 21          |              |             |       |
| 11     | Tiburtus         | 2 45       | Br. * i'th' Vulture                                    | 10 47        | ☉ ☿ ☿ ☿ ☿ ☿          | 22          |              |             |       |
| 12     | Clara            | 3 52       | 9 26 at Night.   | 11 30        | Storms               | 23          |              |             |       |
| 13     | Cassian          | sets       | The Sword is still very rampant, great                 | 0A 11        | ☉ ☿ ☿                | 24          |              |             |       |
| 14     | 10 S. afr. Trin. | 7N 2       | Arms appear in the Fields, with                        | 0 51         | of Hail              | 25          |              |             |       |
| 15     | Assump. Mar.     | 7 13       | bloody Actions,  | 1 33         | * ☉ ☿                | 26          |              |             |       |
| 16     | Ambrosius        | 7 27       | strong Sieges, much                                    | 2 16         | and Rain.            | 27          |              |             |       |
| 17     | Bonifacius       | 7 43       | Ruin and Devastation.                                  | 3 4          | More                 | 28          |              |             |       |
| 18     | Helena           | 8 0        | Br. * of Aries 3 2                                     | 3 54         | ☉ ☿ ☿                | 29          |              |             |       |
| 19     | Julius           | 8 27       | Morning.   | 4 45         | ☉ ☿ ☿                | 30          |              |             |       |
| 20     | Bernard          | 9 7        | tion.  | 5 45         | ☉ ☿ ☿                | 31          |              |             |       |
| 21     | 11 S. afr. Trin. | 10 8       | Morn. Andromeda's Girdle                               | 6 48         | ☉ ☿ ☿                | 1 Sept.     |              |             |       |
| 22     | Timotheus        | 11 23      | 2 3 Morning.   | 7 51         | calm but             | 2           |              |             |       |
| 23     | Quiriacus        | 0 49       | Weighty Deliberations are now upon the Carpet.         | 8 50         | still showery        | 3           |              |             |       |
| 24     | St. Bartholo.    | 2 21       |  | 9 50         | Perigee              | 4           |              |             |       |
| 25     | Ludovicus        | 3 56       |  | 10 47        | even to the          | 5           |              |             |       |
| 26     | Zephirinus       | 5 11       |  | 11 38        | End of the           | 6           |              |             |       |
| 27     | Gobhardus        | rises      |  | Morn.        | Month.               | 7           |              |             |       |
| 28     | 12 S. afr. Trin. | 6N30       | Dog Days end.  | 0 23         |                      | 8           |              |             |       |
| 29     | Decol. John B.   | 6 44       |  | 1 17         | * ☿ ☿                | 9           |              |             |       |
| 30     | Gaudentia        | 7 8        | Mouth of Pegasus                                       | 2 58         |                      | 10          |              |             |       |
| 31     | Adriarius        | 7 23       | 10. 11 at Night.                                       |              |                      | 11          |              |             |       |
| M D    | Sun rises        | Sun sets   | Saturn sets  | Jupiter sets | Mars rises           | Venus rises | Mercu. rises | Aries south | R A   |
| 6      | 4 4              | 7 13       | 9N21   | 3M33         | 3M26                 | 5M39        | 4M17         | 14 9        | 27 17 |
| 12     | 4 58             | 7 1        | 9 0  | 3 26         | 3 28                 | 4 59        | 3 37         | 13 47       | 17 23 |
| 18     | 5 10             | 6 40       | 8 39   | 3 0          | 3 29                 | 4 18        | 3 2          | 13 25       | 22 29 |
| 24     | 5 22             | 6 37       | 8 19   | 2 35         | 3 29                 | 3 43        | 3 42         | 13 3        | 41 4  |
| 31     | 5 36             | 6 23       | 7 53   | 2 6          | 3 29                 | 3 10        | 4 23         | 12 38       | 52 11 |

royal Highness the Duke of  
 ...



| August 1748.    |               |             |          |         |          |          |          |          |                       |    |    | Weaver.               |  |
|-----------------|---------------|-------------|----------|---------|----------|----------|----------|----------|-----------------------|----|----|-----------------------|--|
| M               | Day           | Length      | Days     |         |          |          |          |          |                       |    |    |                       |  |
| D.              | break         | of Days     | decreas. |         |          |          |          |          |                       |    |    |                       |  |
| 6               | 2 9           | 14 26       | 2 17     | 2 N 19  | 1 S 6    | 1 N 8    | 7 S 49   | 3 S 39   | Planets<br>Latitudes. |    |    |                       |  |
| 12              | 2 29          | 14 4        | 2 39     | 2 17    | 1 6      | 1 9      | 8 25     | 1 56     |                       |    |    |                       |  |
| 18              | 2 50          | 13 40       | 3 3      | 2 16    | 1 7      | 1 10     | 8 16     | 0 12     |                       |    |    |                       |  |
| 24              | 3 8           | 13 15       | 3 28     | 2 15    | 1 7      | 1 11     | 7 38     | 1 N      |                       |    |    |                       |  |
| 31              | 3 26          | 12 47       | 3 56     | 2 13    | 1 7      | 1 12     | 6 39     | 1 46     |                       |    |    |                       |  |
| M               | Moon's Place. | Moon's Lat. | ☉        | ♌       | ♍        | ♎        | ♏        | ♐        | ♑                     | ♒  | ♓  | Declin. N.            |  |
| 1               | 8 2           | 4 N 34      | 19 Δ 58  | 3 7     | 17 *     | 7        | 9 Δ 1    | 1 18     | 20 Δ 14               | 14 | 51 |                       |  |
| 2               | 21 44         | 5 4         | 20 22 56 | 3 8     | 10       | 16 16 59 | 9 2 40   | 0 Δ 46   | 19 20 24              | 14 | 33 |                       |  |
| 3               | 5 8           | 5 16        | 21 54    | 3 21    | 13       | 16 □ 52  | 10 □ 18  | 0 16 12  | 18 □ 36               | 14 | 14 |                       |  |
| 4               | 17 51         | 5 16        | 22 □ 51  | 3 17    | 16 22 44 | 10 10 57 | 29 □ 37  | 17 24 50 | 13                    | 55 |    |                       |  |
|                 | 0 □ 20        | 4 48        | 23 10 49 | 3 21    | 16 36    | 11 * 35  | 29 22 0  | 17 7     | 13                    | 37 |    |                       |  |
| 6               | 12 33         | 4 19        | 24 47    | 3 25    | 16 Δ 28  | 12 23 13 | 28 23    | 16 * 31  | 13                    | 17 |    |                       |  |
| B               | 24 33         | 3 36        | 25 * 45  | 3 Δ 29  | 16 8 21  | 12 51    | 27 * 45  | 16 8 0   | 12                    | 57 |    |                       |  |
|                 | 6 25          | 2 44        | 26 3 43  | 3 18 33 | 16 13    | 13 30    | 27 6 8   | 15 34    | 12                    | 38 |    |                       |  |
|                 | 18 12         | 1 45        | 27 41    | 3 38    | 16 5     | 14 8     | 26 32    | 15 14    | 12                    | 18 |    |                       |  |
| 10              | 0 □ 0         | 0 S 42      | 28 39    | 3 □ 42  | 15 58    | 14 46    | 25 56    | 15 3     | 11                    | 58 |    |                       |  |
| 11              | 11 49         | 0 23        | 29 36    | 3 8 47  | 15 8 50  | 15 24 25 | 21 14 6  | 9        | 11                    | 38 |    |                       |  |
| 12              | 23 45         | 1 27        | 30 34    | 3 * 51  | 15 8 43  | 16 8 2   | 24 6 47  | 15 3     | 11                    | 17 |    |                       |  |
| 13              | 5 48          | 2 29        | 1 53 2   | 3 20 56 | 15 36    | 16 40    | 24 2 13  | 15 6 13  | 10                    | 57 |    |                       |  |
| B               | 18 1          | 3 26        | 2 30     | 4 0     | 15 29    | 17 19 23 | 39 15    | 35       | 10                    | 46 |    |                       |  |
| 15              | 27            | 4 10        | 3 28     | 4 5     | 15 22    | 17 57 23 | 0 16     | 3        | 10                    | 15 |    |                       |  |
| 16              | 13 4          | 4 45        | 4 20     | 4 9     | 15 Δ 15  | 18 * 35  | 22 * 33  | 10 * 40  | 9                     | 53 |    |                       |  |
| 17              | 25 55         | 5 6         | 5 * 24   | 4 6 14  | 15 4 8   | 19 11 13 | 22 17 4  | 17 7 25  | 9                     | 32 |    |                       |  |
| 18              | 9 1           | 5 13        | 6 19 22  | 4 15 19 | 15 □ 1   | 19 □ 1   | 21 □ 34  | 18 □ 17  | 9                     | 12 |    |                       |  |
| 19              | 22 21         | 5 2         | 7 21     | 4 24    | 14 11 55 | 20 20 29 | 21 22 7  | 19 18 16 | 8                     | 50 |    |                       |  |
| 20              | 5 57          | 4 37        | 8 □ 14   | 4 29    | 14 * 48  | 21 7 20  | 43 20    | 24       | 8                     | 28 |    |                       |  |
| B               | 19 51         | 3 50        | 9 17     | 4 34    | 14 15 41 | 21 Δ 46  | 20 Δ 21  | 21 Δ 36  | 8                     | 7  |    |                       |  |
| 22              | 4 1           | 2 52        | 10 Δ 15  | 4 * 39  | 14 35    | 22 3 24  | 20 1 22  | 23 5     | 7                     | 44 |    |                       |  |
| 23              | 18 28         | 1 41        | 11 11    | 4 1 44  | 14 29    | 23 2 19  | 45 24    | 19       | 7                     | 22 |    |                       |  |
| 24              | 3 0           | 0 23        | 12 11    | 4 □ 49  | 14 6 23  | 23 40 19 | 30 25 45 |          | 7                     | 0  |    |                       |  |
| 25              | 17 53         | CN 59       | 13 10    | 4 3 5   | 14 18 17 | 24 8 18  | 19 8 17  | 27 8 22  | 6                     | 30 |    |                       |  |
| 26              | 2 15          | 2 14        | 14 8     | 5 Δ 0   | 14 11    | 24 11 56 | 19 2 6   | 29 17 0  | 6                     | 15 |    |                       |  |
| 27              | 17 28         | 3 21        | 15 20    | 5 4 5   | 14 6     | 25 34 18 | 58       | 0 14 1   | 5                     | 53 |    |                       |  |
| B               | 1 38          | 4 13        | 16       | 5 11    | 14 * 0   | 26 12 18 | 52       | 2 2      | 5                     | 30 |    |                       |  |
| 29              | 16 7          | 4 50        | 17       | 5 16    | 13 20    | 26 Δ 50  | 18 Δ 50  | 4 11     | 5                     | 7  |    |                       |  |
| 30              | 29 5          | 5 7         | 18       | 5 8 22  | 13 49    | 27 20 28 | 5 49     | 5 Δ 9    | 4                     | 45 |    |                       |  |
| 31              | 13 13         | 5 7         | 19       | 5 10 27 | 13 □ 44  | 28 6 18  | 51       | 7 13 45  | 4                     | 22 |    |                       |  |
| Clock too fast. |               |             | ☉        | ♌       | ♍        | ♎        | ♏        | ♐        | ♑                     | ♒  | ♓  | Heliocentric Motions. |  |
| 0               | 3 31          | 7 43        | 24 47    | 8 55    | 18 8     | 4 31     | 23 20    | 9 24     |                       |    |    |                       |  |
| 12              | 2             | 7 39        | 25 34    | 9 6     | 18 40    | 7 14     | 23 20    | 7 26     |                       |    |    |                       |  |
| 18              | 0 27          | 7 32        | 26 22    | 9 1     | 19 13    | 9 52     | 12 21    | 0 57     |                       |    |    |                       |  |
| 24              | 11 26         | 7 21        | 27 11    | 9 26    | 19 45    | 12 3     | 21 5     | 18 1     |                       |    |    |                       |  |
| 31              | 3 47          | 7 4         | 28 0     | 9 41    | 20 21    | 15 26    | 21 5     | 18 1     |                       |    |    |                       |  |

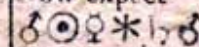

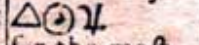


# September hath XXX Days.

Last Quarter 3 Day, 30 minutes past 2 Afternoon.  
**New Moon** 11 Day, 44 minutes past 5 Afternoon.  
 First Quarter 18 Day, 22 minutes past 11 at Night.  
**Full Moon** 25 Day, 10 minutes past 6 Evening.

English Account

Roman Account

| Saints Days.               | Moon rises. | The Southing of Fixed Stars. | Moon South. | Aspects and Weather.  |    |
|----------------------------|-------------|------------------------------|-------------|---|----|
| 1 Giles                    | 7 N 48      | A subtle Stratagem           | 5 M 45      |   | 12 |
| 2 <b>London Burnt</b>      | 8 30        | now shews itself of          | 4 42        | Good Wea-   | 13 |
| 3 <b>Anno 1666.</b>        | 9 23        | a very mischievous           | 5 30        | ther about this   | 14 |
| 4 <b>13 S. aft. Trin.</b>  | 10 21       | Nature :                     | 6 28        | Time for a  | 15 |
| 5 Berlinus                 | 11 38       | If we see right, we see      | 7 17        | late Harvest.   | 16 |
| 6 Magnus                   | Morn.       | our Woes :                   | 8 15        |   | 17 |
| 7 Eunuchus                 | 0 43        | Then what awaits it          | 8 52        | <b>Apogee.</b>  | 18 |
| 8 Nat. Mariae              | 1 56        | to have Eyes ?               | 9 36        |   | 19 |
| 9 Gorgonius                | 3 9         | From Ignorance our           | 10 19       |   | 20 |
| 10 Solthenes               | 4 21        | Comfort flows ;              | 11 10       |   | 21 |
| 11 <b>14 S. aft. Trin.</b> | sets        | The only Wretched are        | 11 4        | Now expect  | 22 |
| 12 Emswida.                | 5 N 45      | the Wise.                    | 0 A         |  | 23 |
| 13 Amantius                | 5 59        | The Soldiers seem still      | 1 10        | some gentle   | 24 |
| 14 Holy Rood.              | 6 19        | to make a great              | 2 1         | Showers.  | 25 |
| 15 Valerianus              | 6 42        | Bustle in the World;         | 2 52        |   | 26 |
| 16 Euphemia                | 7 20        | the Sextile of Sa-           | 3 49        |   | 27 |
| 17 Lambert                 | 8 14        | turn and Mars stirs          | 4 51        |   | 28 |
| 18 <b>13 S. aft. Trin.</b> | 9 19        | them up to Action.           | 5 52        |   | 29 |
| 19 Januarius               | 10 41       | But the Trine of the         | 6 50        |  | 30 |
| 20 Faust. Virgin           | Morn.       | Sun and Jupiter is           | 7 49        | Brisk Gales of  | 1  |
| 21 <b>St. Matthew</b>      | 0 12        | <b>Ember Week.</b>           | 8 43        | <b>Perigee.</b>   | 2  |
| 22 Mauritius               | 1 39        | a very salubrious            | 9 36        | Wind, but   | 3  |
| 23 Linus                   | 3 6         | Aspect, and will,            | 10 25       | fair and dry  | 4  |
| 24 Winibald                | 4 37        | it is to be hoped,           | 11 15       |  | 5  |
| 25 <b>16 S. aft. Trin.</b> | rises       | set some amicable            | Morn.       | for the most  | 6  |
| 26 Cyprianus               | 5 N 16      | Propositions on foot         | 0 6         | Part.   | 7  |
| 27 Cos. and Dan.           | 5 35        |                              | 0 55        |   | 8  |
| 28 Privatus                | 5 59        | <b>with 7 Stars at 9</b>     | 1 47        |   | 9  |
| 29 <b>St. Michael</b>      | 6 35        | <b>at Night.</b>             | 2 39        |   | 10 |
| 30 Leopardus               | 7 2         |                              | 3 33        |   | 11 |

| M D. | Sun rises | Sun sets | Saturn sets | Jupiter sets | Mars rises | Venus rises | Merc. sets | Aries South | R A |
|------|-----------|----------|-------------|--------------|------------|-------------|------------|-------------|-----|
| 6    | 5 49      | 6 10     | 7 N 33      | 1 M 44       | 3 M 32     | 2 M 49      | 6 N 1      | 12 17 0     | 17  |
| 12   | 6 1       | 5 58     | 7 13        | 1 20         | 3 32       | 2 31        | 6 8        | 11 55 29    | 23  |
| 18   | 6 13      | 5 45     | 6 53        | 0 57         | 3 32       | 2 29        | 6 0        | 11 33 53    | 29  |
| 24   | 6 26      | 5 33     | 6 33        | 0 34         | 3 33       | 2 26        | 5 49       | 11 12 7     | 5   |
| 30   | 6 38      | 5 20     | 6 12        | 0 13         | 3 34       | 2 21        | 5 40       | 10 50 4     | 11  |



| M         | Day    | Length  | Days     | September 1748. |    |    |    |    |    |    |    |    |     |    |    |     |         |          |    | Weaver.               |    |    |    |    |
|-----------|--------|---------|----------|-----------------|----|----|----|----|----|----|----|----|-----|----|----|-----|---------|----------|----|-----------------------|----|----|----|----|
| D         | break. | of Days | increaf. |                 |    |    |    |    |    |    |    |    |     |    |    |     |         |          |    |                       |    |    |    |    |
| 6         | 3      | 43      | 12       | 22              | 4  | 21 | 2N | 12 | 1  | S  | 6  | 1N | 13  | 5  | S  | 13  | 1       | N        | 47 | Planets<br>Latitudes. |    |    |    |    |
| 12        | 3      | 57      | 11       | 57              | 4  | 46 | 2  | 11 | 1  | 6  | 1  | 13 | 4   | 36 | 1  | 27  |         |          |    |                       |    |    |    |    |
| 18        | 4      | 11      | 11       | 31              | 5  | 12 | 2  | 11 | 1  | 5  | 1  | 14 | 3   | 36 | 0  | 54  |         |          |    |                       |    |    |    |    |
| 24        | 4      | 25      | 11       | 7               | 5  | 36 | 2  | 10 | 1  | 5  | 1  | 15 | 2   | 39 | 0  | 15  |         |          |    |                       |    |    |    |    |
| 30        | 4      | 39      | 10       | 42              | 6  | 1  | 2  | 9  | 1  | 4  | 1  | 15 | 1   | 47 | 0  | S   | 26      |          |    |                       |    |    |    |    |
| M         | Moon's | Moon's  | ☉        | ☿               | ♈  | ♉  | ♊  | ♋  | ♌  | ♍  | ♎  | ♏  | ♐   | ♑  | ♒  | ♓   | Declin. |          |    |                       |    |    |    |    |
| D         | Place. | Lat.    |          |                 |    |    |    |    |    |    |    |    |     |    |    |     | ☉       | N        |    |                       |    |    |    |    |
| 1         | 26     | 0       | 5        | N               | 3  | 19 | 12 | 59 | 5  | 33 | 13 | 1  | 39  | 28 | □  | 44  | 18      | 55       | 9  | 40                    | 3  | 58 |    |    |
| 2         | 8      | □       | 39       | 4               | 22 | 20 | 57 | 5  | 38 | 13 | △  | 34 | 29  | 5  | 22 | 19  | *       | 1        | 11 | □                     | 31 | 3  | 35 |    |
| 3         | 20     | 43      | 3        | 42              | 21 | □  | 6  | 5  | 44 | 13 | 10 | 29 | 19  | *  | 0  | 19  | 21      | 9        | 13 | 7                     | 23 | 3  | 12 |    |
| B         | 29     | 53      | 2        | 52              | 22 | 2  | 54 | 5  | △  | 50 | 13 | 25 | 0   | 19 | 38 | 19  | 19      | 15       | 15 |                       |    | 2  | 49 |    |
| 5         | 14     | 43      | 1        | 56              | 23 | *  | 53 | 5  | 6  | 56 | 13 | 26 | 1   | 15 |    | 19  | 31      | 17       | *  | 8                     |    | 2  | 26 |    |
| 6         | 26     | 31      | 0        | 55              | 24 | 20 | 52 | 6  | □  | 2  | 13 | 16 | 1   | 59 |    | 19  | 46      |          | 19 | 6                     | 0  | 2  | 3  |    |
| 7         | 8      | □       | 20       | 0               | S  | 9  | 25 | 50 | 6  | 19 | 8  | 13 | 8   | 12 | 2  | 31  | 20      | 3        | 20 | 51                    |    | 1  | 39 |    |
| 8         | 20     | 14      | 1        | 11              | 26 | 49 |    | 6  | 14 |    | 13 | 10 | 8   | 3  | 9  | 20  | 6       | 22       | 22 | 42                    |    | 1  | 16 |    |
| 9         | 2      | 18      | 2        | 13              | 27 | 48 |    | 6  | *  | 21 | 13 | 5  | 3   | 6  | 46 | 20  | 0       | 43       | 24 | 32                    |    | 0  | 53 |    |
| 10        | 14     | 3       | 3        | 9               | 28 | 47 |    | 6  | 8  | 27 | 13 | 1  | 4   | 3  | 24 | 21  | 5       | 26       | 22 |                       | 0  | 29 |    |    |
| B         | 27     | 2       | 3        | 56              | 29 | 6  | 46 | 6  | 3  |    | 12 | 58 | 5   | 2  | 21 | 29  | 28      | 6        | 12 |                       | 0  | 6  |    |    |
| 12        | 9      | □       | 14       | 4               | 33 | □  | 6  | 4  | 6  | 39 | 12 | △  | 55  | 5  | 40 | 21  | *       | 5        | □  | 2                     | 0  | S  | 18 |    |
| 13        | 22     | 45      | 4        | 54              | 1  | 43 |    | 6  | 46 |    | 12 | 6  | 53  | 6  | 18 | 22  | 23      | 21       | 1  | 47                    |    | 0  | 42 |    |
| 14        | 5      | 16      | 5        | 5               | 2  | 42 |    | 6  | 6  | 52 | 12 | □  | 50  | 6  | *  | 56  | 22      | 49       | 3  | 33                    |    |    | 6  |    |
| 15        | 19     | 19      | 4        | 56              | 3  | 41 |    | 6  | 2  | 58 | 12 | 1  | 48  | 7  | 2  | 33  | 2       | □        | 19 | 5                     | 19 | 1  | 28 |    |
| 16        | 2      | 56      | 4        | 29              | 4  | *  | 40 | 7  | 5  |    | 12 | *  | 46  | 8  | □  | 11  | 23      | 7        | 51 | 7                     | *  | 4  | 1  | 51 |
| 17        | 16     | 39      | 3        | 51              | 5  | 3  | 39 | 7  | 12 |    | 12 | 1  | 744 | 8  | 10 | 49  | 24      | △        | 25 | 8                     | 8  | 48 | 2  | 15 |
| B         | 0      | 3       | 2        | 56              | 6  | □  | 38 | 7  | *  | 18 | 12 | 42 |     | 9  | △  | 27  | 25      | 14       | 1  | 10                    | □  | 32 | 2  | 39 |
| 19        | 1      | 34      | 1        | 5               | 7  | 1  | 38 | 7  | 12 | 25 | 12 | 40 |     | 10 | 16 | 5   | 25      | 38       | 12 | 20                    | 15 | 3  | 1  |    |
| 20        | 28     | 46      | 0        | 37              | 8  | △  | 37 | 7  | □  | 31 | 12 | 6  | 38  | 10 | 43 | 26  | 17      | 13       | 57 |                       | 3  | 25 |    |    |
| 21        | 13     | □       | 0        | ON              | 39 | 9  | 18 | 36 | 7  | 15 | 38 | 12 | 23  | 37 | 11 | 20  | 26      | 57       | 15 | △                     | 37 | 3  | 49 |    |
| 22        | 27     | 24      | 1        | 53              | 10 | 35 |    | 7  | △  | 44 | 12 | 36 | 11  | 58 | 27 | 8   | 37      | 17       | 5  | 17                    |    | 4  | 13 |    |
| 23        | 11     | 46      | 3        | 0               | 11 | 34 |    | 7  | 17 | 51 | 12 | 35 | 12  | 8  | 36 | 28  | 0       | 18       | 18 | 56                    |    | 4  | 36 |    |
| 24        | 26     | 8       | 3        | 55              | 12 | 34 |    | 7  | 58 |    | 12 | 34 | 13  | 2  | 13 | 28  | 59      | 20       | 35 |                       | 4  | 58 |    |    |
| B         | 10     | 20      | 4        | 34              | 13 | 33 |    | 8  | 4  |    | 12 | *  | 34  | 13 | 51 | 29  | 42      | 22       | 8  | 13                    |    | 5  | 21 |    |
| 26        | 24     | 10      | 4        | 56              | 14 | 6  | 31 | 8  | 11 |    | 12 | 4  | 34  | 14 | 29 | 19  | △       | 26       | 23 | 23                    | 49 | 5  | 43 |    |
| 27        | 7      | 53      | 5        | 1               | 15 | 32 |    | 8  | 8  | 18 | 12 | □  | 34  | 15 | △  | 7   | 1       | 12       | 1  | 25                    | 26 | 6  | 7  |    |
| 28        | 21     | 6       | 4        | 52              | 16 | 31 |    | 8  | 1  | 24 | D  | 8  | 34  | 15 | 1  | 444 | 1       | □        | 57 | 27                    | 2  | 6  | 30 |    |
| 29        | 4      | □       | 4        | 23              | 17 | 31 |    | 8  | 31 |    | 12 | △  | 34  | 16 | 22 | 22  | 144     | 28       | 37 |                       | 6  | 53 |    |    |
| 3         | 16     | 33      | 3        | 44              | 18 | △  | 30 | 8  | 38 |    | 12 | 16 | 35  | 16 | □  | 9   | 3       | 32       | 0  | 110                   |    | 7  | 16 |    |
| Watch too |        |         |          |                 |    |    |    |    |    |    |    |    |     |    |    |     |         |          |    | Helio-centric         |    |    |    |    |
| fl.w.     |        |         |          | ☉               | ☿  | ♈  | ♉  | ♊  | ♋  | ♌  | ♍  | ♎  | ♏   | ♐  | ♑  | ♒   | ♓       | Motions. |    |                       |    |    |    |    |
| 6         | 5      | 53      | 6        | 44              | 24 | 52 | 9  | 53 | 20 | 53 | 18 | 14 | 12  | 35 | 2  | 8   |         |          |    |                       |    |    |    |    |
| 12        | 7      | 59      | 6        | 20              | 0  | 45 | 10 | 4  | 21 | 25 | 20 | 52 | 22  | 10 | 28 | 6   |         |          |    |                       |    |    |    |    |
| 18        | 9      | 57      | 5        | 53              | 6  | 38 | 10 | 15 | 21 | 57 | 23 | 30 | 1   | 8  | 46 | 19  | 25      | 50       |    |                       |    |    |    |    |
| 24        | 11     | 47      | 5        | 22              | 12 | 34 | 10 | 26 | 22 | 29 | 26 | 8  | 11  | 23 | 8  | 11  | 46      |          |    |                       |    |    |    |    |
| 30        | 13     | 23      | 4        | 46              | 18 | 30 | 10 | 38 | 23 | 1  | 28 | 45 | 21  | 1  | 26 | 4   |         |          |    |                       |    |    |    |    |



# October hath XXXI Days.

Last Quarter 3 Day, 41 minutes past 9 Morning.  
**New Moon** 11 Day, 36 minutes past 7 Morning.  
 First Quarter 18 Day, 24 minutes past 6 Morning.  
**Full Moon** 25 Day, 53 minutes past 6 Morning.

English Account.

Roman Account.

| Saints Days and Terms. |                   | Moon rises | The Southing of Fixed Stars. | Moon South.  | Aspects and Weather. |             |              |             |       |
|------------------------|-------------------|------------|------------------------------|--------------|----------------------|-------------|--------------|-------------|-------|
| 1                      | Remigius          | 8N 18      | An old Curmudgeon            | 4M 24        | Frequent             | 12          |              |             |       |
| B                      | 17 S. aft. Trin.  | 9 21       | about this Time              | 5 18         | Showers now          | 14          |              |             |       |
| 3                      | Candidus          | 10 33      | goes off the Stage           | 6 6          | about.               | 15          |              |             |       |
| 4                      | Franciscus        | 11 48      | with no small To-            | 6 55         | Apo. * ♀ ♀           | 16          |              |             |       |
| 5                      | Thracia           | Morn.      | kens of Reluctancy.          | 7 39         | ♂ ♀                  | 17          |              |             |       |
| 6                      | Faith             | 1 0        | The boary Fool, who          | 8 21         | * ♀                  | 18          |              |             |       |
| 7                      | Julia             | 2 13       | many Days                    | 9 4          |                      | 19          |              |             |       |
| 8                      | Demetrius         | 3 25       | Has struggled with           | 9 45         | ☐ ♀                  | 20          |              |             |       |
| F                      | 18 S. aft. Trin.  | 4 38       | continu'd Sorrow,            | 10 28        | Now more             | 21          |              |             |       |
| 10                     | Ox. & C.T. be.    | 5 58       | Renews his Hopes, and        | 11 13        | Fair,                | 22          |              |             |       |
| 11                     | K. Geo. II. cro.  | fets       | blindly lays                 | 0 A 1        | with                 | 23          |              |             |       |
| 12                     | Walfridus         | 4N 54      | The desperate Bett up-       | 0 54         | brisk                | 24          |              |             |       |
| 13                     | Tran. Edward      | 5 31       | on To-morrow.                | 1 48         | Gales of             | 25          |              |             |       |
| 14                     | Calistus          | 6 16       | To-morrow comes, 'tis        | 2 49         | Wind.                | 26          |              |             |       |
| 15                     | Wullfran          | 7 17       | Noon, 'tis Night;            | 3 51         |                      | 27          |              |             |       |
| B                      | 19 S. aft. Trin.  | 8 37       | This Day like all the        | 4 54         |                      | 28          |              |             |       |
| 17                     | Etheldred         | 10 6       | former flies:                | 5 52         | Perse                | 29          |              |             |       |
| 18                     | St. Luke          | 11 32      | Yet on he runs to seek       | 6 47         |                      | 30          |              |             |       |
| 19                     | Ptolomeus         | Morn.      | Delight,                     | 7 38         | Now Wind             | 31          |              |             |       |
| 20                     | Wendolin          | 0 58       | To-morrow, till To-          | 8 26         | * ♂ ♀                | 1           |              |             |       |
| 21                     | Ursula            | 2 23       | night he dies.               | 9 14         | and Rain             | 2           |              |             |       |
| 22                     | Pis Orange bo.    | 3 49       | The Conjunction of           | 10 1         | ♂ ☉ ♀                | 3           |              |             |       |
| F                      | 20 S. aft. Trin.  | 5 12       | the Sun and Saturn,          | 10 49        | may be               | 4           |              |             |       |
| 24                     | Term begins       | 6 37       | in Quartile to Jupi-         | 11 37        | expected.            | 5           |              |             |       |
| 25                     | Crispianus        | rises      | ter. produces great          | Morn.        | ☐ ☉ ♀                | 6           |              |             |       |
| 26                     | Evaristus         | 4N 33      | Animosities, defeats         | 0 31         | Towards              | 7           |              |             |       |
| 27                     | Pr. Hen. Fre. bu. | 5 16       | some noble Enter-            | 1 25         | the End              | 8           |              |             |       |
| 28                     | St. Sim. & Jude   | 6 10       | terprise, and breaks         | 2 16         | pleasant,            | 9           |              |             |       |
| 29                     | Narcissus         | 7 13       | the Bonds of Friend-         | 3 10         | fair, and            | 10          |              |             |       |
| K                      | 21 S. aft. Trin.  | 8 21       | K. George II. born           | 4 1          | Frost-like.          | 11          |              |             |       |
| 31                     | Wolfgang          | 9 33       | ship.                        | 4 48         | Apo                  | 12          |              |             |       |
| M                      | Sun rises         | Sun sets   | Saturn sets                  | Jupiter sets | Mars rises           | Venus rises | Mercur. sets | Aries South | R     |
| D                      |                   |            |                              |              |                      |             |              |             | A     |
| 6                      | 6 51              | 5 8        | 5N 50                        | 1 N 48       | 3M 32                | 2M 29       | 5N 28        | 10 27       | 41 17 |
| 12                     | 7 3               | 4 56       | 5 29                         | 11 27        | 3 31                 | 2 35        | 5 20         | 10 5        | 6 23  |
| 18                     | 7 15              | 4 44       | 5 8                          | 11 6         | 3 29                 | 2 44        | 5 11         | 9 42        | 1 29  |
| 24                     | 7 27              | 4 32       | 4 45                         | 10 44        | 3 27                 | 2 54        | 5 2          | 9 18        | 27 4  |
| 31                     | 7 40              | 4 19       | 4 18                         | 10 20        | 3 23                 | 2 8         | 5 59         | 8 50        | 21 11 |

14<sup>th</sup> The Hon:ble Levisonson  
 the Articles of Peace



| October 1748.   |          |           |          |          |          |             |            |           |       | Weaver.               |            |         |    |
|-----------------|----------|-----------|----------|----------|----------|-------------|------------|-----------|-------|-----------------------|------------|---------|----|
| M               | Day      | Length    | Days     |          |          |             |            |           |       | Planets               | Latitudes. |         |    |
| D               | break.   | of Days   | decreaf. |          |          |             |            |           |       |                       |            |         |    |
| 6               | 4 50     | 10 17     | 6 26     | 2 N 9    | 1 S 3    | 1 N 15      | 1 S 1      | 1 S 7     |       |                       |            |         |    |
| 12              | 5 1      | 9 52      | 6 51     | 2 9      | 1 3      | 1 15        | 0 16       | 1 44      |       |                       |            |         |    |
| 18              | 5 12     | 9 28      | 7 15     | 2 9      | 1 2      | 1 15        | 0 N 21     | 2 14      |       |                       |            |         |    |
| 24              | 5 23     | 9 5       | 7 38     | 2 8      | 1 1      | 1 15        | 0 53       | 2 36      |       |                       |            |         |    |
| 31              | 5 34     | 8 39      | 8 4      | 2 8      | 1 1      | 1 15        | 1 24       | 2 38      |       |                       |            |         |    |
|                 |          |           |          |          |          |             |            |           |       |                       |            | Declin. | S. |
| M               | Moon's   | Moon's    | ☉        | ☿        | ♈        | ♉           | ♊          | ♋         | ♌     | ♍                     | ♎          |         |    |
| D               | Place.   | Lat.      |          |          |          |             |            |           |       |                       |            |         |    |
| 1               | 28 II 47 | 2 N 56    | 19 4 30  | 8 Δ 45   | 12 35    | 17 137      | 4 * 21     | 1 Δ 44    | 7 39  |                       |            |         |    |
| B               | 10 50    | 2 1       | 20 29    | 8 20 52  | 12 36    | 18 * 15     | 5 12 11    | 3 7 16    | 8 1   |                       |            |         |    |
| 3               | 22 38    | 1 2       | 21 12 29 | 8 58     | 12 37    | 18 16 52    | 6 2 4      | 4 48      | 8 24  |                       |            |         |    |
| 4               | 4 Ω 26   | 0 S 0     | 22 29    | 9 □ 5    | 12 38    | 19 30       | 6 54       | 6 □ 20    | 8 46  |                       |            |         |    |
| 5               | 16 16    | 1 2       | 23 * 28  | 9 9 12   | 12 17 40 | 20 7        | 7 47       | 7 4 51    | 9 8   |                       |            |         |    |
| 6               | 28 13    | 2 2       | 24 16 28 | 9 * 19   | 12 42    | 20 45       | 8 40       | 9 21      | 9 30  |                       |            |         |    |
| 7               | 10 22    | 2 58      | 25 28    | 9 22 26  | 12 44    | 21 23       | 9 22 33    | 10 * 51   | 9 52  |                       |            |         |    |
| 8               | 22 47    | 3 46      | 26 27    | 9 33     | 12 46    | 22 22       | 0 10       | 27 12 120 | 10 14 |                       |            |         |    |
| B               | 5 32     | 4 24      | 27 27    | 9 40     | 12 Δ 48  | 22 38       | 11 21 13   | 48        | 10 35 |                       |            |         |    |
| 10              | 18 32    | 4 49      | 28 27    | 9 46     | 12 13 51 | 23 15       | 12 16      | 15 16     | 10 57 |                       |            |         |    |
| 11              | 11 50    | 4 59      | 29 19 27 | 9 53     | 12 □ 39  | 23 53       | 13 * 11    | 16 44     | 11 18 |                       |            |         |    |
| 12              | 15 29    | 4 53      | 30 27    | 10 14 2  | 12 19 55 | 24 * 31     | 14 21      | 6 18 10   | 11 39 |                       |            |         |    |
| 13              | 29 19    | 4 29      | 1 27     | 10 9     | 12 * 38  | 25 16       | 8 15       | 3 19 536  | 12 0  |                       |            |         |    |
| 14              | 13 18    | 3 46      | 2 27     | 10 16    | 13 24 2  | 25 □ 46     | 16 □ 0     | 21 1      | 12 21 |                       |            |         |    |
| 15              | 27 23    | 2 56      | 3 * 27   | 10 * 24  | 13 6     | 26 20 23    | 16 5 58    | 22 26     | 12 42 |                       |            |         |    |
| B               | 11 28    | 1 51      | 4 11 27  | 10 22 31 | 13 10    | 27 1        | 17 Δ 7     | 23 * 50   | 13 2  |                       |            |         |    |
| 17              | 25 34    | 0 38      | 5 □ 27   | 10 38    | 13 14    | 27 Δ 38     | 18 12 56   | 25 23 12  | 13 32 |                       |            |         |    |
| 18              | 9 39     | 0 N 36    | 6 13 27  | 10 □ 45  | 13 18    | 28 4 15     | 19 56 26   | 34        | 13 42 |                       |            |         |    |
| 19              | 23 42    | 1 47      | 7 27     | 10 52    | 13 6 23  | 28 52 20    | 56 27 □ 5  | 14 1      |       |                       |            |         |    |
| 20              | 7 * 41   | 2 53      | 8 Δ 27   | 11 Δ 0   | 13 27    | 29 29 21    | 57 29 8 15 | 14 21     |       |                       |            |         |    |
| 21              | 21 43    | 3 47      | 9 1 27   | 11 6 7   | 13 32    | 30 8 7 22   | 58 4 Δ 34  | 14 40     |       |                       |            |         |    |
| 22              | 5 V 37   | 4 28      | 10 27    | 11 14    | 13 * 36  | 31 44 23 2  | 59 11 7 52 | 15 0      |       |                       |            |         |    |
| B               | 19 22    | 4 52      | 11 28    | 11 22    | 13 14 41 | 1 21 25     | 0 3 9      | 15 18     |       |                       |            |         |    |
| 24              | 2 55     | 5 0       | 12 8 28  | 11 8 29  | 13 □ 46  | 1 58 26     | 2 4 24     | 5 36      |       |                       |            |         |    |
| 2               | 16 14    | 4 51      | 13 19 28 | 11 10 36 | 13 20 12 | 2 35 27 Δ 4 | 5 36       | 15 55     |       |                       |            |         |    |
| 2               | 29 15    | 4 26      | 14 29    | 11 43    | 13 57    | 3 Δ 14      | 28 22 7    | 6 8 45    | 16 13 |                       |            |         |    |
| 27              | 11 II 53 | 3 50      | 15 29    | 11 51    | 14 Δ 3   | 3 8 51      | 29 10      | 7 16 52   | 16 31 |                       |            |         |    |
| 2               | 24 25    | 3 2       | 16 29    | 11 58    | 14 4 9   | 4 □ 19      | 22 □ 14    | 8 57      | 16 48 |                       |            |         |    |
| 29              | 6 34     | 2 7       | 17 Δ 3   | 12 Δ 5   | 14 15    | 5 21 7      | 11 31 8    | 10 0      | 17 5  |                       |            |         |    |
| B               | 18 35    | 1 7       | 18 24 30 | 12 11 12 | 14 21    | 5 44        | 2 22       | 11 1      | 17 21 |                       |            |         |    |
| 31              | 0 Ω 26   | 0 5       | 19 31    | 12 19    | 14 27    | 6 * 21      | 3 * 27     | 12 0      | 17 38 |                       |            |         |    |
| Clock too flow. |          |           |          |          |          |             |            |           |       | Heliocentric Motions. |            |         |    |
| ☉               | ☿        | ♈         | ♉        | ♊        | ♋        | ♌           | ♍          | ♎         | ♏     | ☽                     | ♐          | ♑       | ♒  |
| 6 14 42         | 4        | 0 24 28   | 10 49    | 13 33    | 1 23     | 0 40        | 12 38      |           |       |                       |            |         |    |
| 12 15 33        | 3        | 50 0 8 27 | 11 0 24  | 4 37     | 6 37     | 20 1        | 16 36      |           |       |                       |            |         |    |
| 18 16 9         | 2        | 50 6 27   | 11 1 14  | 37       | 9 9      | 1 29        | 45 5 37    |           |       |                       |            |         |    |
| 24 16 13        | 2        | 10 12 28  | 11 2 45  | 47       | 12 19    | 11 55       | 4 1 37     |           |       |                       |            |         |    |
| 31 15 39        | 1        | 27 19 31  | 11 3 25  | 47       | 12 19    | 11 55       | 4 1 37     |           |       |                       |            |         |    |



# November hath XXX Days.

Last Quarter 2 Day, 41 minutes past 6 Morning.  
 New Moon 9 Day, 11 minutes past 8 at Night.  
 First Quarter 16 Day, 12 minutes past 2 Afternoon.  
 Full Moon 23 Day, 30 minutes past 10 at Night.

English Account.

Roman Account.

| Saints Days and Terms. | Moon rises. | The Southing of Fixed Stars. | Moon South. | Aspects and Weather. |    |
|------------------------|-------------|------------------------------|-------------|----------------------|----|
| 1 All Saints           | 10N 47      | The tedious Quartile         | 5M 34       | The Fore-part        | 12 |
| 2 All Souls            | 11 57       | of Saturn and Ju-            | 6 15        | of this Month        | 13 |
| 3 Winifrid             | Morn.       | piter introduces A-          | 6 57        | * ♀ is at-           | 14 |
| 4 Agricola             | 1 8         | bundance of Mife-            | 7 39        | tended with          | 15 |
| 5 Powder Plot          | 2 24        | ries, and where Ar-          | 8 20        | frequent             | 16 |
| 6 22 S. aft. Trin.     | 3 38        | mies are Slaughter,          | 9 5         | ♂ ♂ ♀ Show-          | 17 |
| 7 Hercolanus           | 4 56        | and Destruction is           | 9 51        | ers of Rain,         | 18 |
| 8 Claudius             | 6 16        | practised by Whole-          | 10 42       | perhaps              | 19 |
| 9 Theodorus            | fets.       | sale.                        | 11 34       | some Sleet,          | 20 |
| 10 Tryphon             | 4N 0        |                              | 12 35       | but (* ♀ ♀           | 21 |
| 11 Martin              | 5 4         | Br. * i'th' Vulture          | 1 36        | Δ ♀ * ♀ ♀            | 22 |
| 12 Ludovicus           | 6 10        | 9 26 at Night.               | 2 39        | not unpleasant       | 23 |
| 13 23 S. aft. Trin.    | 7 45        |                              | 3 42        | Per. * ♂ ♀           | 24 |
| 14 Pr. Will. born      | 9 13        | Br. * of Aries               | 4 37        | for the              | 25 |
| 15 Machutus            | 10 43       | 3 34 Morning.                | 5 30        | Season.              | 26 |
| 16 Ormarus             | Morn.       |                              | 6 18        | Δ ♀ ♂                | 27 |
| 17 Hugh B. Linc.       | 0 15        | Great Consultations          | 7 6         | Brisk Wind,          | 28 |
| 18 Fulcor              | 1 30        | are now upon the             | 7 53        | ♂ ♂ ♀                | 29 |
| 19 P's Wales bor.      | 2 48        | Tapis, and some              | 8 40        | with                 | 30 |
| 20 1st S. aft. Tri.    | 4 11        | notable Steps seem           | 9 27        | Sleet                |    |
| 21 Present. B. V.      | 5 34        | to be taken towards          | 10 17       | or                   |    |
| 22 Cæcilia             | 6 49        | Peace and Tranqui-           | 11 10       | Showers.             |    |
| 23 Clement             | rises       | lity, but such Bless-        | Morn.       |                      |    |
| 24 Christian           | 3N 51       | ings will in all Pro-        | 0 2         |                      |    |
| 25 Catharine           | 4 50        | bability advance but         | 0 54        | Fair and             |    |
| 26 Egbertus            | 5 57        | slowly.                      | 1 46        | Frosty               |    |
| 27 1 S. in Advent      | 7 7         | Androm. Girdle               | 2 35        | Apogee               |    |
| 28 Term ends           | 8 20        | 1 48 Morning.                | 3 20        | * ♂ ♀                |    |
| 29 Saturnus            | 9 32        | Mouth of Pegasus             | 4 3         | at the               |    |
| 30 St. Andrew          | 10 42       | 10 11 at Night.              | 4 45        | End.                 |    |

| Day | Sun rises | Sun sets | Saturn rises | Jupiter sets | Mars rises | Venus rises | Mercur. sets | Aries South | R A |
|-----|-----------|----------|--------------|--------------|------------|-------------|--------------|-------------|-----|
| 6   | 7 50      | 4 9      | 6M 28        | 9N 59        | 3M 22      | 3M 20       | 4N 50        | 8 25 40     | 17  |
| 12  | 7 58      | 4 1      | 6 7          | 9 39         | 3 18       | 3 33        | 4 32         | 8 0 31      | 23  |
| 18  | 8 7       | 3 52     | 5 47         | 9 19         | 3 14       | 3 46        | rises        | 7 34 57     | 29  |
| 24  | 8 13      | 3 41     | 5 24         | 8 59         | 3 11       | 4 0         | 6M 57        | 7 9 0       | 5   |
| 30  | 8 18      | 3 41     | 5 1          | 8 38         | 3 5        | 4 13        | 6 18         | 6 42 41     | 11  |

22<sup>d</sup> His Majesty Landed at



| November 1748. Weaver. |        |         |          |       |       |       |       |       |                          |         |       |        |
|------------------------|--------|---------|----------|-------|-------|-------|-------|-------|--------------------------|---------|-------|--------|
| M                      | Day    | Length  | Days     |       |       |       |       |       |                          |         |       |        |
| D                      | break  | of Days | decreaf. |       |       |       |       |       |                          |         |       |        |
| 6                      | 5 42   | 8 19    | 8 24     | 2N 8  | 1S 0  | 1N 15 | 1N 45 | 2S 9  | Planets<br>Latitudes.    |         |       |        |
| 12                     | 5 49   | 8 1     | 8 42     | 2 9   | 0 59  | 1 15  | 2 1   | 0 52  |                          |         |       |        |
| 18                     | 5 55   | 7 45    | 8 58     | 2 9   | 0 59  | 1 14  | 2 12  | 1N 7  |                          |         |       |        |
| 24                     | 5 59   | 7 33    | 9 10     | 2 9   | 0 58  | 1 13  | 2 19  | 2 33  |                          |         |       |        |
| 30                     | 6 2    | 7 23    | 9 20     | 2 10  | 0 58  | 1 12  | 2 24  | 2 47  |                          |         |       |        |
| M                      | Moon's | Moon's  | ☉        | ♈     | ♉     | ♊     | ♋     | ♌     | ♍                        | ♎       | ♏     | Declin |
| D                      | Place. | Lat.    |          |       |       |       |       |       |                          |         |       | ☉ S.   |
| 1                      | 12 14  | 0 S 57  | 20 31    | 12 26 | 14 34 | 6 13  | 58    | 4 7   | 32                       | 12 44   | 17 54 |        |
| 2                      | 14 2   | 1 58    | 21 18    | 32    | 12 0  | 33    | 14 54 | 7 35  | 5 37                     | 13 134  | 18 11 |        |
| 3                      | 6 0    | 2 53    | 22 32    | 12 *  | 40    | 14 48 | 8 13  | 6 43  | 14 30                    | 18 26   |       |        |
| 4                      | 18 10  | 3 41    | 23 *     | 33    | 12 1  | 347   | 14 55 | 8 50  | 7 48                     | 15 17 3 | 18 42 |        |
| 5                      | 0 37   | 4 21    | 24 11    | 35    | 12 54 | 15 2  | 9 0   | 27    | 8 54                     | 15 35   | 18 57 |        |
| 6                      | 13 26  | 4 48    | 25 34    | 13 1  | 15 9  | 10 17 | 4     | 10 17 | 0                        | 15 *    | 19 11 |        |
| 7                      | 26 39  | 5 2     | 26 35    | 13 8  | 15 3  | 17 10 | 41    | 11 7  | 16 5                     | 15 19   | 19 25 |        |
| 8                      | 10 10  | 4 59    | 27 35    | 13 16 | 15 24 | 11 18 | 12 14 | 16 23 | 19 39                    | 19 39   |       |        |
| 9                      | 24 12  | 4 38    | 28 36    | 13 5  | 23    | 15 9  | 32    | 11 55 | 13 22                    | 16 R 22 | 19 53 |        |
| 10                     | 8 28   | 3 59    | 29 8     | 13 30 | 15 *  | 40    | 12 *  | 32    | 14 *                     | 29      | 20 6  |        |
| 11                     | 23 3   | 3 5     | 0 38     | 13 37 | 15 12 | 48    | 13 8  | 9     | 15 11                    | 36      | 20 19 |        |
| 12                     | 7 25   | 1 59    | 1 38     | 13 *  | 44    | 15 56 | 13 16 | 16 43 | 15 15                    | 20 32   |       |        |
| 13                     | 21 55  | 0 49    | 2 *      | 39    | 13 10 | 51    | 16 5  | 14 11 | 24                       | 17 17   | 20 44 |        |
| 14                     | 6 18   | 0 N 32  | 3 19     | 10    | 13 58 | 16 13 | 15 1  | 18 59 | 13 *                     | 59      | 20 55 |        |
| 15                     | 20 33  | 1 46    | 4 41     | 14 13 | 5     | 16 17 | 21    | 15 15 | 38                       | 20 23   | 21 7  |        |
| 16                     | 4 38   | 2 53    | 5 14     | 2     | 14 11 | 16 30 | 16 15 | 21 16 | 11 25                    | 21 18   |       |        |
| 17                     | 18 30  | 3 49    | 6 24     | 3     | 14 17 | 18    | 16 39 | 16 52 | 22 24                    | 10 11   | 21 29 |        |
| 18                     | 2 13   | 4 32    | 7 43     | 14 25 | 16 48 | 17 29 | 23 32 | 8 41  | 21 39                    | 21 39   |       |        |
| 19                     | 15 45  | 4 56    | 8 11     | 14 31 | 16 *  | 57    | 18 8  | 6     | 24 8                     | 41      | 21 48 |        |
| 20                     | 29 6   | 5 6     | 9 4      | 14 38 | 17 2  | 7     | 18 44 | 25 18 | 50                       | 6       | 21 57 |        |
| 21                     | 12 14  | 4 59    | 10 40    | 14 45 | 17 16 | 19 20 | 27 0  | 4 41  | 22 6                     | 22 6    |       |        |
| 22                     | 25 10  | 4 36    | 11 47    | 14 52 | 17 10 | 25    | 19 56 | 28 9  | 38 31                    | 22 14   |       |        |
| 23                     | 7 52   | 4 2     | 12 48    | 14 58 | 17 35 | 20 33 | 29 19 | 21 53 | 22 22                    | 22 22   |       |        |
| 24                     | 20 20  | 3 16    | 13 10    | 49    | 15 5  | 17 19 | 45    | 21 10 | 11 29                    | 22 30   |       |        |
| 25                     | 2 16   | 2 20    | 14 50    | 15 12 | 17 55 | 21 24 | 27    | 12 23 | 22 37                    | 22 37   |       |        |
| 26                     | 14 40  | 1 18    | 15 51    | 15 18 | 18 6  | 22 23 | 28 49 | 0 31  | 22 44                    | 22 44   |       |        |
| 27                     | 26 33  | 0 15    | 16 52    | 15 25 | 18 16 | 23 16 | 29 0  | 3 59  | 0 13                     | 22 50   |       |        |
| 28                     | 8 23   | 0 S 48  | 17 53    | 15 31 | 18 26 | 23 36 | 30 10 | 0 7   | 7 22                     | 22 56   |       |        |
| 29                     | 20 12  | 1 50    | 18 54    | 15 38 | 18 37 | 24 13 | 31 20 | 6 20  | D 11                     | 23 1    |       |        |
| 30                     | 2 0    | 2 48    | 19 55    | 15 44 | 18 47 | 24 50 | 32 30 | 7 *   | 30                       | 23 6    |       |        |
| Watch too flow.        |        |         |          |       |       |       |       |       |                          |         |       |        |
|                        | ☉      | ♈       | ♉        | ♊     | ♋     | ♌     | ♍     | ♎     | ♏                        | ♐       | ♑     |        |
| 6                      | 14 37  | 0 52    | 25 34    | 11 4  | 26 19 | 14 57 | 20 48 | 27 40 | Heliocentric<br>Motions. |         |       |        |
| 12                     | 13 4   | 0 21    | 1 38     | 11 58 | 16 51 | 17 36 | 0 8 3 | 2 17  |                          |         |       |        |
| 18                     | 11 4   | 49 53   | 7 43     | 12 9  | 17 28 | 20 14 | 10 18 | 5 11  |                          |         |       |        |
| 24                     | 8 47   | 19 30   | 13 49    | 12 20 | 17 56 | 22 54 | 20 3  | 13 11 |                          |         |       |        |
| 30                     | 5 56   | 29 11   | 19 55    | 12 32 | 18 25 | 25 33 | 29 49 | 17 19 |                          |         |       |        |



# December hath XXXI Days:

Last Quarter 2 Day, 18 minutes past 3 Morning.  
**New Moon** 9 Day, 59 minutes past 7 Morning.  
 First Quarter 15 Day, 45 minutes past 11 at Night.  
**Full Moon** 23 Day, 42 minutes past 4 Evening.  
 Last Quarter 31 Day, 30 minutes past 9 at Night.

English Account

Roman Account

|    | Saints Days<br>and Terms. | Moon<br>rises | The Southing of<br>Fixed Stars. | Moon<br>South. | Aspects and<br>Weather. |             |         |       |       |
|----|---------------------------|---------------|---------------------------------|----------------|-------------------------|-------------|---------|-------|-------|
| 1  | Virgilius.                | 11 N 53       | An old Dotard, to en-           | 5 M 26         | This Month              | 12          |         |       |       |
| 2  | Bibiana                   | Morn.         | counter with Time's             | 6 5            | begins with             | 13          |         |       |       |
| 3  | Cassianus                 | 1 3           | keen Scythe, pro-               | 6 48           | frosty pleasant         | 14          |         |       |       |
| 4  | <b>E 2 S. in Advent</b>   | 2 19          | cures himself an Ac-            | 7 31           | Weather.                | <b>F</b>    |         |       |       |
| 5  | Sabbas                    | 3 38          | tæon's Forehead, by             | 8 17           |                         | 16          |         |       |       |
| 6  | Nicholas                  | 5 0           | taking himself a                | 9 9            | Sleet or                | 17          |         |       |       |
| 7  | <b>Qu. Denm. bo.</b>      | 6 23          | young Bedfellow.                | 10 6           | ♂ ♀                     | 18          |         |       |       |
| 8  | Concept. Mary             | 7 39          | Br. * i'th Vulture              | 11 8           | Showers                 | 19          |         |       |       |
| 9  | Leocadia                  | sets          | 9 38 at Night.                  | 0 A 11         | now about.              | 20          |         |       |       |
| 10 | Miltiades                 | 5 N 3         |                                 | 1 14           |                         | 21          |         |       |       |
| 11 | <b>B 3 S. in Advent</b>   | 6 36          | Mouth of Pegasus                | 2 13           | <b>Per.</b> ☐ ♀         | <b>F</b>    |         |       |       |
| 12 | Synesius                  | 8 10          | 11 19 at Night.                 | 3 7            | * ☉ ♂                   | 23          |         |       |       |
| 13 | Luc. V. & Mart            | 9 36          |                                 | 4 1            | Frosty, fair,           | 24          |         |       |       |
| 14 | <b>Ember Week</b>         | 11 3          | A Lady of Note about            | 4 51           | and very                | 25          |         |       |       |
| 15 | Irenæus                   | Morn.         | this Time meets Sor-            | 5 38           | pleasant                | 26          |         |       |       |
| 16 | <b>Carn. Te. ends</b>     | 0 25          | row and Disappoint-             | 6 24           | for the                 | 27          |         |       |       |
| 17 | <b>Ox. Term ends</b>      | 1 47          | ment.                           | 7 10           | Season.                 | 28          |         |       |       |
| 18 | <b>B 4 S. in Advent</b>   | 3 6           |                                 | 8 0            |                         | <b>F</b>    |         |       |       |
| 19 | Nemefius                  | 4 27          | <b>☽ with 7 Stars</b>           | 8 50           |                         | 30          |         |       |       |
| 20 | Julius                    | 5 39          | <b>at 8 at Night.</b>           | 9 42           | * ♀                     | 31          |         |       |       |
| 21 | <b>St. Thomas</b>         | 6 44          | The Sextile of the Sun          | 10 34          | Somewhat                | <b>Jan.</b> |         |       |       |
| 22 | Demetrius                 | 7 37          | and Saturn, produces            | 11 25          | Windy, but              | 3           |         |       |       |
| 23 | Victorius                 | 7 58          | Meetings & Assem-               | Morn.          | a favourable            | 4           |         |       |       |
| 24 | Gregorius                 | rises         | blies, to deliberate            | 0 15           | Winter                  | 5           |         |       |       |
| 25 | <b>B Nativ. Christ</b>    | 5 N 54        | upon Ways & Means               | 1 2            | <b>☽ Apogee</b>         | <b>F</b>    |         |       |       |
| 26 | <b>St. Stephen</b>        | 7 5           | for securing Proper-            | 1 48           | hitherto.               | 6           |         |       |       |
| 27 | <b>St. John</b>           | 8 14          | ties and Dominions.             | 2 30           | * ☉ ♀                   | 7           |         |       |       |
| 28 | <b>Innocents</b>          | 9 26          | <b>God protect his Sa-</b>      | 3 10           | Now more                | 8           |         |       |       |
| 29 | Trophimus                 | 10 38         | <b>cred Majesty King</b>        | 3 48           | Cold, with              | 9           |         |       |       |
| 30 | <b>St. Elis. born</b>     | 11 48         | <b>George, &amp;c. now an</b>   | 4 27           | Snow or                 | 10          |         |       |       |
| 31 | Sylvester                 | 12 51         | <b>ever. Amen, Amen</b>         | 5 11           | Rain.                   | 11          |         |       |       |
| M  | Sun                       | Sun           | Saturn                          | Jupiter        | Mars                    | Venus       | Mercur. | Aries | R     |
| D  | rises                     | sets          | rises                           | sets           | rises                   | rises       | rises   | South | A     |
| 6  | 8 21                      | 3 39          | 4 M 38                          | 8 N 18         | 2 M 57                  | 4 M 24      | 6 M 16  | 6 16  | 12 17 |
| 12 | 8 21                      | 3 39          | 4 15                            | 7 58           | 2 52                    | 4 39        | 6 27    | 5 49  | 33 23 |
| 18 | 8 19                      | 3 41          | 3 52                            | 7 38           | 2 48                    | 4 49        | 6 46    | 5 22  | 59 29 |
| 24 | 8 15                      | 3 45          | 3 27                            | 7 19           | 2 42                    | 5 7         | 7 6     | 4 56  | 38 4  |
| 31 | 8 8                       | 3 52          | 3 0                             | 6 58           | 2 35                    | 5 23        | 7 27    | 4 26  | 27 11 |

28th His Royal Highness the Duke of Cumb. Arrived at St



| December 1748.  |        |         |          |    |          |    |    |    |    |    |    |    |    |    | Weaver. |                       |    |                      |    |    |    |    |    |
|-----------------|--------|---------|----------|----|----------|----|----|----|----|----|----|----|----|----|---------|-----------------------|----|----------------------|----|----|----|----|----|
| M               | Day    | Length  | Days     |    |          |    |    |    |    |    |    |    |    |    |         |                       |    |                      |    |    |    |    |    |
| D               | break  | of Days | decreaf. |    |          |    |    |    |    |    |    |    |    |    |         |                       |    |                      |    |    |    |    |    |
| 6               | 6      | 4       | 7        | 10 | 9        | 25 | 2N | 10 | 0  | S  | 57 | 1N | 11 | 2N | 20      | 2N                    | 17 | Planets<br>Latitudes |    |    |    |    |    |
| 12              | 6      | 3       | 7        | 18 | increaf. |    | 2  | 11 | 0  | 57 | 1  | 10 | 2  | 14 | 1       | 31                    |    |                      |    |    |    |    |    |
| 18              | 6      | 2       | 7        | 21 | 0        | 4  | 2  | 12 | 0  | 57 | 1  | 9  | 2  | 6  | 0       | 41                    |    |                      |    |    |    |    |    |
| 24              | 5      | 59      | 7        | 30 | 0        | 13 | 2  | 13 | 0  | 57 | 1  | 7  | 1  | 56 | 0       | S                     | 6  |                      |    |    |    |    |    |
| 31              | 5      | 55      | 7        | 43 | 0        | 26 | 2  | 14 | 0  | 57 | 1  | 5  | 1  | 39 | 0       | 54                    |    |                      |    |    |    |    |    |
| M               | Moon's | Moon's  | Declin.  |    |          |    |    |    |    |    |    |    |    |    |         |                       |    |                      |    |    |    |    |    |
| D               | Place. | Lat.    | ☉        | ♈  | ♉        | ♊  | ♋  | ♌  | ♍  | ♎  | ♏  | ♐  | ♑  | ♒  | ♓       | ☽                     | S. |                      |    |    |    |    |    |
| 1               | 13     | 56      | 3 S      | 38 | 20       | □  | 56 | 15 | *  | 50 | 18 | 58 | 25 | 27 | 8       | 12                    | 41 | 0                    | 46 | 23 | 10 |    |    |
| 2               | 26     | 0       | 4        | 23 | 2        | 11 | 55 | 15 | 4  | 56 | 19 | 9  | 26 | 3  | 9       | 52                    | 1  | *                    | 15 | 23 | 14 |    |    |
| 3               | 8      | 28      | 4        | 51 | 22       | 59 | 16 | 3  | 19 | △  | 20 | 26 | 40 | 11 | 3       | 11                    | 53 | 2                    | 36 | 23 | 18 |    |    |
| B               | 21     | 23      | 5        | 8  | 24       | *  | 0  | 16 | 9  | 19 | 20 | 31 | 27 | 17 | 12      | 14                    | 2  | 36                   | 23 | 21 |    |    |    |
| 5               | 4      | 27      | 5        | 10 | 25       | 6  | 1  | 16 | 15 | 19 | 42 | 27 | 12 | 53 | 13      | 16                    | 25 | 3                    | 24 | 23 | 23 |    |    |
| 6               | 18     | 6       | 4        | 54 | 26       | 2  | 16 | 2  | 12 | 19 | □  | 53 | 28 | 30 | 14      | 17                    | 36 | 4                    | 18 | 23 | 25 |    |    |
| 7               | 2      | 11      | 4        | 20 | 27       | 3  | 16 | 27 | 3  | 20 | 3  | 5  | 29 | 6  | 15      | 48                    | 5  | 15                   | 23 | 27 |    |    |    |
| 8               | 16     | 40      | 3        | 30 | 28       | 4  | 16 | 33 | 20 | *  | 16 | 29 | *  | 43 | 16      | 59                    | 6  | 5                    | 17 | 23 | 28 |    |    |
| 9               | 1      | 23      | 2        | 25 | 29       | 20 | 5  | 16 | 39 | 20 | 6  | 27 | 22 | 19 | 18      | 10                    | 7  | 22                   | 23 | 29 |    |    |    |
| 10              | 16     | 21      | 1        | 8  | ovp      | 7  | 16 | *  | 45 | 20 | 39 | 0  | 56 | 19 | *       | 22                    | 8  | 30                   | 23 | 29 |    |    |    |
| B               | 1      | 18      | 0 N      | 13 | 1        | 8  | 16 | 1  | 51 | 20 | 50 | 1  | □  | 32 | 20      | 5                     | 34 | 9                    | *  | 40 | 23 | 29 |    |
| 12              | 16     | 8       | 1        | 33 | 2        | 9  | 16 | □  | 57 | 21 | 6  | 2  | 2  | 0  | 8       | 21                    | □  | 46                   | 10 | 15 | 53 | 23 | 28 |
| 13              | 0      | 43      | 2        | 46 | 3        | 10 | 17 | 2  | 3  | 21 | 8  | 14 | 2  | △  | 44      | 22                    | 10 | 58                   | 12 | □  | 7  | 23 | 27 |
| 14              | 15     | 2       | 3        | 48 | 4        | 11 | 17 | △  | 9  | 21 | 26 | 3  | 4  | 21 | 24      | △                     | 10 | 13                   | 21 | 24 | 23 | 25 |    |
| 15              | 29     | 0       | 4        | 32 | 5        | □  | 12 | 17 | 4  | 21 | 38 | 3  | 57 | 25 | 18      | 23                    | 14 | 42                   | 23 | 23 |    |    |    |
| 16              | 12     | 41      | 5        | 12 | 6        | 12 | 14 | 17 | 20 | 21 | *  | 50 | 4  | 33 | 26      | 35                    | 16 | △                    | 2  | 23 | 20 |    |    |
| 17              | 26     | 3       | 5        | 14 | 7        | △  | 15 | 17 | 25 | 22 | 17 | 2  | 5  | 8  | 27      | 47                    | 17 | 7                    | 23 | 23 | 17 |    |    |
| B               | 9      | 7       | 5        | 10 | 8        | 22 | 16 | 17 | 8  | 30 | 22 | 14 | 5  | 18 | 45      | 28                    | 59 | 18                   | 44 | 23 | 14 |    |    |
| 19              | 21     | 56      | 4        | 49 | 9        | 17 | 17 | 16 | 35 | 22 | □  | 26 | 6  | 21 | 7       | 8                     | 11 | 20                   | 7  | 23 | 10 |    |    |
| 20              | 4      | 11      | 4        | 15 | 10       | 18 | 17 | 41 | 22 | 1  | 39 | 6  | 57 | 11 | 7       | 24                    | 21 | 31                   | 23 | 5  |    |    |    |
| 21              | 16     | 53      | 3        | 30 | 11       | 20 | 17 | 43 | 22 | △  | 51 | 7  | 34 | 2  | 36      | 22                    | 8  | 55                   | 23 | 0  |    |    |    |
| 22              | 29     | 8       | 2        | 36 | 12       | 21 | 17 | 51 | 23 | 12 | 4  | 8  | △  | 10 | 3       | 48                    | 24 | 13                   | 20 | 22 | 54 |    |    |
| 23              | 11     | 11      | 1        | 34 | 13       | 8  | 22 | 17 | △  | 56 | 23 | 17 | 8  | 19 | 46      | 5                     | 1  | 25                   | 46 | 22 | 48 |    |    |
| 24              | 23     | 7       | 0        | 32 | 14       | 5  | 23 | 18 | 14 | 1  | 23 | 30 | 9  | 22 | 6       | 14                    | 27 | 14                   | 22 | 42 |    |    |    |
| B               | 4      | 57      | 0 S      | 35 | 15       | 24 | 18 | 6  | 23 | 43 | 9  | □  | 58 | 7  | △       | 27                    | 28 | 42                   | 22 | 35 |    |    |    |
| 26              | 16     | 43      | 1        | 38 | 16       | 25 | 18 | □  | 11 | 23 | 8  | 56 | 10 | 11 | 3       | 8                     | 40 | ovp                  | 10 | 22 | 28 |    |    |
| 27              | 28     | 32      | 2        | 38 | 17       | 27 | 18 | 3  | 1  | 24 | 15 | 9  | 11 | 9  | 9       | 53                    | 1  | △                    | 39 | 22 | 21 |    |    |
| 28              | 10     | 22      | 3        | 32 | 18       | △  | 28 | 18 | 1  | 24 | 22 | 11 | *  | 4  | 1       | □                     | 6  | 3                    | 7  | 8  | 22 | 12 |    |
| 29              | 22     | 10      | 4        | 16 | 19       | 18 | 29 | 18 | 16 | 25 | 24 | 3  | 12 | 3  | 21      | 2                     | 2  | 19                   | 4  | 38 | 22 | 4  |    |
| 30              | 4      | 28      | 4        | 50 | 20       | 30 | 18 | 29 | 24 | 48 | 12 | 5  | 3  | *  | 32      | 6                     | □  | 8                    | 21 | 55 |    |    |    |
| 31              | 16     | 5       | 5        | 10 | 11       | □  | 31 | 18 | 34 | 25 | △  | 13 | 21 | 4  | 20      | 4                     | 7  | 4                    | 30 | 21 | 46 |    |    |
| Clock for flow. |        |         | ☉        | ♈  | ♉        | ♊  | ♋  | ♌  | ♍  | ♎  | ♏  | ♐  | ♑  | ♒  | ♓       | Heliocentric Motions. |    |                      |    |    |    |    |    |
| 1               | 3      |         | 18       | 56 | 25       | 2  | 12 | 43 | 29 | 0  | 28 | 14 | 9  | 34 | 15      | 52                    |    |                      |    |    |    |    |    |
| 12              | 0      | 4       | 28       | 46 | 2        | 23 | 9  | 12 | 54 | 29 | 32 | 0  | 5  | 9  | 18      | 9                     | 31 |                      |    |    |    |    |    |
| 18              | 2      | 54      | 28       | 39 | 8        | 16 | 13 | 5  | 0  | 37 | 5  | 3  | 37 | 9  | 1       | 29                    | 40 |                      |    |    |    |    |    |
| 24              | 5      | 45      | 18       | 35 | 14       | 23 | 13 | 16 | 0  | 37 | 0  | 19 | 8  | 2  | 13      | 17                    | 47 |                      |    |    |    |    |    |
| 31              | 8      | 42      | 23       | 3  | 21       | 31 | 13 | 29 | 1  | 1  | 9  | 30 | 20 | 0  | 7       | 14                    |    |                      |    |    |    |    |    |



A Table shewing the Magnitudes, Rising, Southing, and Setting of 30 of the most remarkable Fixed Stars, together with their Meridian Altitudes, rectified to the last Day of this Year 1748.

| Names of the Stars.        | Rising |           |    | Southing |    |    | Setting |          |    | Altit. |    |    |
|----------------------------|--------|-----------|----|----------|----|----|---------|----------|----|--------|----|----|
|                            | h      | m         | s  | h        | m  | s  | h       | m        | s  | d      | m  |    |
| Andromeda's Girdle —       | 2      | 14        | 34 | 9        | 0  | 55 | 20      | 11       | 12 | 35     | 71 | 16 |
| First Star of Aries —      | 4      | 17        | 54 | 21       | 1  | 39 | 25      | 9        | 20 | 33     | 55 | 3  |
| Bright Star of Aries —     | 2      | 17        | 38 | 31       | 1  | 52 | 39      | 10       | 2  | 51     | 59 | 15 |
| Br. Star i'th' Whale's Jaw | 2      | 20        | 29 | 33       | 2  | 48 | 40      | 9        | 3  | 51     | 40 | 5  |
| Brightest of the 7 Stars   | 3      | 19        | 10 | 0        | 3  | 31 | 59      | 11       | 50 | 2      | 60 | 18 |
| Aldebaron or Bull's Eye    | 1      | 20        | 48 | 38       | 4  | 20 | 44      | 11       | 48 | 54     | 52 | 59 |
| The Foot of Orion —        | 1      | 23        | 44 | 32       | 5  | 1  | 38      | 10       | 14 | 48     | 28 | 29 |
| Middle Star in his Belt    | 2      | 23        | 26 | 59       | 5  | 22 | 32      | 11       | 14 | 9      | 35 | 37 |
| That in his Right Shoul.   | 1      | 22        | 58 | 19       | 5  | 40 | 33      | 12       | 18 | 52     | 44 | 20 |
| The greater Dog's Mouth    | 1      | 2         | 5  | 33       | 6  | 33 | 0       | 11       | 0  | 27     | 20 | 44 |
| The lesser Dog Procion     | 2      | 0         | 54 | 28       | 7  | 24 | 54      | 13       | 55 | 20     | 42 | 52 |
| South Head of Gemini       | 2      | 22        | 20 | 2        | 7  | 28 | 39      | 16       | 33 | 20     | 65 | 37 |
| Hydra's Heart —            | 2      | 3         | 54 | 5        | 9  | 12 | 40      | 14       | 31 | 15     | 29 | 25 |
| The Lion's Heart —         | 1      | 2         | 41 | 42       | 9  | 53 | 19      | 17       | 4  | 56     | 50 | 13 |
| The Lion's Tail —          | 1      | 4         | 5  | 49       | 11 | 34 | 19      | 19       | 2  | 49     | 52 | 58 |
| Algoreb —                  | 3      | 7         | 31 | 54       | 12 | 0  | 56      | 16       | 29 | 58     | 20 | 52 |
| Vindemiatrix —             | 3      | 5         | 41 | 3        | 12 | 47 | 35      | 19       | 54 | 7      | 49 | 19 |
| The Virgin's Spike —       | 1      | 8         | 3  | 42       | 13 | 9  | 47      | 18       | 15 | 52     | 27 | 10 |
| Arcturus —                 | 1      | 6         | 2  | 6        | 14 | 1  | 55      | 22       | 1  | 44     | 57 | 44 |
| The South Ballance —       | 2      | 9         | 53 | 31       | 14 | 34 | 38      | 19       | 10 | 45     | 22 | 1  |
| The North Ballance —       | 2      | 9         | 47 | 10       | 15 | 1  | 0       | 20       | 15 | 0      | 28 | 34 |
| Br. * i'th' Serpent's Neck | 2      | 8         | 51 | 34       | 15 | 29 | 28      | 22       | 7  | 22     | 44 | 14 |
| The Scorpion's Heart —     | 1      | 12        | 52 | 1        | 16 | 11 | 20      | 19       | 30 | 39     | 11 | 10 |
| The Serpent's Head —       | 2      | 10        | 12 | 8        | 17 | 20 | 20      | 0        | 28 | 32     | 39 | 38 |
| Bright Star i'th' Harp —   | 1      | Rises not |    |          | 18 | 25 | 18      | Sets not |    |        | 75 | 34 |
| Bright Star i'th' Vulture  | 1      | 12        | 52 | 8        | 19 | 35 | 10      | 2        | 22 | 8      | 45 | 13 |
| The Mouth of Pegasus       | 2      | 14        | 42 | 27       | 21 | 28 | 13      | 4        | 17 | 55     | 45 | 44 |
| Upper br. * in his Wing    | 2      | 15        | 33 | 22       | 22 | 48 | 25      | 6        | 7  | 24     | 50 | 51 |
| Lowermost in his Wing      | 2      | 16        | 41 | 42       | 23 | 56 | 19      | 7        | 14 | 52     | 50 | 46 |
| Andromeda's Head —         | 2      | 14        | 56 | 11       | 23 | 51 | 25      | 8        | 50 | 3      | 64 | 42 |

To find the Rising, Southing, or Setting of any of these Stars by Help of this Table: Take an Example of Aldebaron, or the Bull's Eye, for January the 6th.

I find at the Bottom of the Left-hand Page of that Month, that the Beginning of Aries is south 4 hours, 3 minutes, 36 seconds past noon; and according to this Table, the above-said Star rises 20 hours, 48 minutes, 38 seconds; is south 4 hours, 20 minutes, 44 seconds; and sets 11 hours, 48 minutes, 54 seconds, after the southing of the vernal Equinox: Now each of these, added to 4 hours, 3 minutes, 36 seconds, shews that this Star rises that Day 56 minutes, 14 seconds, past Noon; is south 24 minutes, 20 seconds, past 8 at Night, and sets 52 minutes, 30 seconds, past 3 next Morning. After the same manner you may find the rising, southing, or setting of all the rest; always observing to reject 24 hours, when your Sum exceeds that Number, and add 4 minutes to the Remainder, as I have here done for this Star's Rising.

A General



# A General Tide TABLE.

| Subtract<br>H M |    | The Names of PORTS.                               |          | Add<br>H M |  |
|-----------------|----|---|----------|------------|--|
| North           |    | Queenborough, Portsmouth, Southampton, Isle of    |          | South      |  |
| 12              | 24 | Wight, Spits, Dunkirk, Canada, and Kentish Knock. | 0        | 0          |  |
| N by E          |    | Rocheſter, Malden, Aberdeen, and at Red-          | S by W   |            |  |
| 11              | 38 | band.   | 0        | 46         |  |
| N N E           |    | Graveſend, Downs, Rumney, Scilly, Thanet, N.      | S S W    |            |  |
| 10              | 51 | Cape, before Coquet, & betwixt Calais & Dover.    | 1        | 33         |  |
| NE by N         |    | London, St. Andrew's, St. Lucas, Dundee, Bell-    | S W by S |            |  |
| 10              | 5  | Isle, Holy-Isle, and Liſbon.                      | 2        | 19         |  |
| N E             |    | Hartlepool, Tinnmouth, White-bay, Amſterdam,      | S W      |            |  |
| 9               | 19 | Galſcoign, and upon the Weſt of Ireland.          | 3        | 6          |  |
| NE by E         |    | Berwick, Bridlington-bay, Flamborough, Bour-      | S W by W |            |  |
| 8               | 32 | deaux, Rochel, and at Uſhant.                     | 3        | 52         |  |
| E N E           |    | Scarborough, Severn, Mounts-bay, and at Kin-      | W S W    |            |  |
| 7               | 45 | ſale, and Humber.                                 | 4        | 39         |  |
| E by N          |    | Newcaſtle, Severn-mouth, Falmouth, Ramſey,        | W by S   |            |  |
| 6               | 59 | Dartmouth, Lizard, and Guernſey.                  | 5        | 25         |  |
| East            |    | Plymouth, Antwerp, Lynn, Hull, St. David's,       | West     |            |  |
| 6               | 12 | Holm, St. Peter's, Foſdike, & Croſs-Keys Waſhes.  | 6        | 12         |  |
| E by S          |    | Weymouth, Briſtol, Lime, Foulneſs at the Start,   | W by N   |            |  |
| 5               | 26 | Bosſon, Lanton, Sedmouth, and at St. Nicholas.    | 6        | 53         |  |
| E S E           |    | Milford, Bridgewater, Land's-end, Portland, Wa-   | W N W    |            |  |
| 4               | 40 | terford, and Limington.                           | 7        | 45         |  |
| SE by E         |    | Hague, Peterport, Dublin, Harſlew, St. Magnus,    | NW by W  |            |  |
| 3               | 53 | Sound, Cambay, and without the Caſkets.           | 8        | 31         |  |
| S E             |    | Pool, St. Helen's, Orkney, Cathneſs, and the Iſle | N W      |            |  |
| 3               | 7  | of Man.   | 9        | 18         |  |
| S E by S        |    | Needles, Layſlow, and both the North and South    | NW by N  |            |  |
| 2               | 20 | Forelands.  | 10       | 4          |  |
| S S E           |    | Yarmouth, Dover, Calais-Road, Harwich, Cowes,     | N N W    |            |  |
| 1               | 33 | Coaſts of Normandy and Picardy.                   | 10       | 51         |  |
| S by E          |    | Rye, Thames, Rhodes, Wincheſſea, Sole-bay,        | N by W   |            |  |
| 0               | 47 | Goore, and Margaret-Road.                         | 11       | 37         |  |

*Note,* From 2 Hours before High-Water to 3 Hours after at *Foſdike*, and from 3 Hours before, to 3 and a half after at *Croſs-Keys*, it is very dangerous riding the *Waſhes*.

In order to underſtand the Uſe of this Tide-Table, obſerve the following Example:

*Oct. 18.* The Moon is South 12 min. paſt 8 at Night; and by the Table it appears, that at *London, St. Andrew's, St. Lucas, Dundee, &c.* the Moon at N E by N, and S W by S, makes High-Water, viz. 10 h. 5 m. before her Southing, and 2 h. 19 m. after: Conſequently, at theſe Places, the firſt High-Water is at 7 m. paſt 10 in the Morning, and the other 31 min. paſt 10 at Night.



**A large Chronology of memorable Accidents,**  
from the Birth of our SAVIOUR to this Year 1748.

*Since the World was made, or since it was drown'd,  
No true Account from Authors can be found;  
'Twixt their Opinions so much Odds appears,  
That some must Err above a thousand Years:  
Therefore such large Accounts I shall not give;  
But such as for Authentick I receive,  
Take at my Hand; none false I think there be,  
But half of them I now I ne'er did see.*

|                                   | Years |                                  | Years |
|-----------------------------------|-------|----------------------------------|-------|
| <b>S</b> ince the Birth of Christ | 1748  | Innovation in Religion, June     |       |
| Jerusalem taken by the            |       | 28, 1638                         | 110   |
| Romans                            | 1675  | A Declaration discharging the    |       |
| Eng. conv. to Christianity        | 1558  | Service - Book in Scotland,      |       |
| Tower of London built             | 1179  | Sep. 22                          | 110   |
| Cambridge made an Univ.           | 1113  | The Long Parliament began,       |       |
| St. Paul's Church built           | 662   | Nov. 3, 1640                     | 108   |
| Westminster-Hall built            | 649   | Rebellion in Ireland began,      |       |
| First Mayor of London             | 558   | Octo. 23, 1641                   | 107   |
| Lon. Bridge built with Stone      | 538   | Edge-Hill Fight Octo. 23         | 106   |
| The Invention of Guns             | 370   | Brentford Battle Nov. 16         | 106   |
| Art of Printing found out         | 308   | Marston-moor Battle July 3       | 104   |
| Coaches first used in Engl.       | 193   | The Archbishop of Canterbury     |       |
| St. Paul's Steeple fired by       |       | beheaded Jan. 10, 1645           | 103   |
| Lightning                         | 188   | The fatal Battle of Naseby,      |       |
| Great Massacre in France          | 176   | June 14, 1646                    | 102   |
| Kalendar cor. by P. Greg.         | 166   | K. Charles I. murder'd           | 100   |
| Spanish Armado burnt              | 160   | Worcester Fight Sep. 3, 1651     | 97    |
| The Powder Plot                   | 143   | Long Parliament pulled out by    |       |
| K. James I. laid the first Stone  |       | Oliver Cromwell                  | 95    |
| of Chelsea-College                | 139   | Dunkirk deliver'd to the Eng.    | 90    |
| The Bible new translated          | 137   | Oliver C. died, Sep. 3, 1658     | 90    |
| New-River brought to Lon.         | 134   | Richard Cromwell turned out,     |       |
| A Comet appear'd Nov. 18          | 130   | April 22, 1659                   | 89    |
| The Plague in London, whereof     |       | General Monk brought in the      |       |
| died above 30,000                 | 123   | secluded Members, Feb. 11        | 88    |
| A great Fire on London-Bridge,    |       | The Healing Parliament began     |       |
| Feb. 11, 1632                     | 116   | April 25, 1660                   | 88    |
| The Liturgy read at Edinburgh     |       | K. Charles II. returned in Peace |       |
| in Scotland, which caused a       |       | to White-Hall, May 29            | 88    |
| Tumult. July 3, 1637              | 111   | Two Comets seen in 4 Months      | 87    |
| The King's Declaration against    |       |                                  |       |



## A large Chronology of remarkable Things.

|   |    |   |    |
|---|----|---|----|
| Great Plague in London, where-<br>of died near 100,000  | 83 | land, Sept. 8, 1692   | 56 |
| The great Sea-fight betwixt the<br>English and Dutch  | 82 | Q. Mary died, Dec. 28 1694  | 54 |
| The dreadful Fire in London,<br>Sep. 2, 3, and 4, which consu-<br>med 13, 200 Houses, 1666  | 82 | The Plot for Assassinating K.<br>William, 1696  | 52 |
| A great Hurricane and terrible<br>Storm of Hail, Rain, and<br>Thunder, which did much<br>Damage at Welbourn, Wel-<br>lingore, &c. in Lincolnshire,<br>October 15  | 82 | Charnock, King, Keys, Sir John<br>Friend, Sir W. Perkins, Rook-<br>wood, Crambourn & Lowick,<br>executed for the same | 52 |
| Peace concluded between the<br>English and Dutch  | 81 | The old clip'd Silver Money<br>called in and new coined   | 52 |
| Charles II. laid the first Stone<br>of the Royal Exchange   | 81 | Whitehall destroyed by Fire,<br>Jan. 4, 1698  | 50 |
| Snowed 11 Days together   | 74 | Peace with France conclud.  | 50 |
| Paul's, London, began to be<br>rebuilt, June 21, 1675   | 73 | War with France proclaimed,<br>May 4, 1702  | 46 |
| ates's Plot began 1678  | 70 | A terrible Wind, Nov. 27  | 45 |
| great Comet appear'd, Oct. 1,<br>1680, and cont. 3 Months   | 68 | Gibraltar taken, July 24  | 44 |
| The Fanatick Rye-house Plot dis-<br>covered June 12, 1683   | 65 | Hockley Fight, Aug. 2   | 44 |
| Weeks Frost began Nov.  | 65 | The great Fight in the Medi-<br>terranean Sea, Aug. 13  | 44 |
| Rebellion in Scotland   | 63 | Ramellies Battle, May 12  | 42 |
| Rebellion in Dorsetshire  | 63 | England and Scotland united,<br>May 1, 1707   | 41 |
| James II. declared for Lib.<br>of Consc. April 4, 1687  | 61 | The Pretender attempted to in-<br>vade Great-Britain  | 40 |
| The 7 Bishops sent to the Tower<br>June 8; the pret. P. of Wales<br>born June 10, 1688  | 60 | Oudenard Battle in Flanders   | 40 |
| Prince of Orange sailed for Eng.<br>Nov. 1. landed 5, marched<br>into Exeter 9, P. George and<br>D. of Ormond went to meet<br>him 24. K. James abdicated<br>Dec. 12. the Lords met to<br>settle the Nation 25 | 60 | Wynndale Bat. Sep. 28   | 40 |
| W. III. reduced Ireland   | 58 | Prince George died, Oct. 28   | 40 |
| great Earthquake in Eng-<br>land, Sept. 8, 1692   | 56 | The bloody Battle of Malplaquet,<br>Aug. 31, 1709   | 39 |
|   |    | Peace with France, Mar. 31  | 35 |
|   |    | A terrible Wind which did great<br>Damage in the Counties of<br>Nottingham, York, Lincoln,<br>&c. Feb. 1, 1715        | 33 |
|   |    | A Rebellion began in Scotland,<br>in August. The Earl of Mar<br>defeated near Dunblain, Nov.<br>13                    | 33 |
|   |    | A Skirmish with another Body<br>of Rebels at Preston in Lan-<br>cashire, Nov. 13, which sur-                          |    |



## *A large Chronology of remarkable Things.*

|                                  |    |                                   |
|----------------------------------|----|-----------------------------------|
| rendered the 14, 1715            | 33 | Their Royal Highnesses the        |
| Three whole Bullocks roasted     |    | Prince and Princess of Wales      |
| on the Ice upon the Thames,      |    | married in the R. Chapel          |
| Jan. 19, 1716                    | 32 | St. James's, April 27, 1736       |
| A surprising Meteor seen here,   |    | Princess Augusta born July 31,    |
| and the City of Ronson in        |    | 1737                              |
| Flanders was burnt, March        |    | Queen Caroline died Nov. 20,      |
| the 19, 1719                     | 29 | 1737                              |
| The Span. beg. the 4 Months      |    | Prince George born May 25,        |
| Siege of Gibraltar Febr. 22      |    | 1738                              |
| turn'd the Siege into a Bloc-    |    | Prince Edward Augustus born       |
| kade June 12, 1727               | 21 | March 14, 1739                    |
| An Earthquake in the West of     |    | War with Spain proclaimed         |
| England, July 19                 | 21 | Oct. 23                           |
| 120 Men, Women, and Chil-        |    | Porto Bello taken Nov. 22,        |
| dren, burnt to death at a        |    | Fort Chagre taken March 21,       |
| Puppet-show at Burrel near       |    | A severe Frost, which started     |
| Cambridge, Sept. 8               | 21 | to death divers Men, &c.          |
| An Hospital, &c. at Sheffield in |    | with much Fowl and Cattle         |
| Yorkshire washed down by a       |    | and so damaged the Earth          |
| Thunder-shower, June 11,         |    | that there was scarce             |
| 1729                             | 19 | Grass to be seen at May-day       |
| Peace with Spain concluded at    |    | Princess Mary of England espoused |
| Seville, Oct. 29                 | 19 | to the Prince of Hesse, Mar.      |
| K. of Spain revoked the Seville  |    | 8. The Marriage solemnized        |
| Alliance, Jan. 17, 1731          | 17 | at Cassel June 21, 1740           |
| Peace between England, Germa-    |    | Princess Elizabeth born Dec. 30,  |
| ny, and Holland, signed at Vi-   |    | 1740                              |
| enna, March 5, 1731              | 17 | All the Forts destroyed pertai-   |
| The King of Spain sign'd the     |    | ing to Carthagena Harbour         |
| Vienna Treaty, at the same       |    | with all the Shipping found       |
| time restoring and confirm-      |    | therein                           |
| ing that of Seville, May 26      | 17 | A Comet appeared from abo-        |
| The Spanish Troops before Gi-    |    | Feb 18 to March 21, among         |
| braltar built a Wall from Sea    |    | the Northern Constellation        |
| to Sea, with Forts against that  |    |                                   |
| Town and Bay, 1732               | 16 | Prince William Henry born Nov.    |
| Broad Pieces of Gold called in   |    | 14, 1743.                         |
| and coined into Guineas          | 15 | A splendid Comet appeared         |
| The illustrious Prince and       |    | the Signs of Aries and Pises      |
| Princess of Orange married,      |    | from Decemb. 23, 1743.            |
| March 14, 1734                   | 14 | Feb. 20 following.                |







*Upon the Eclipses of Jupiter's Planets, 1748.*

The first SATELLITE.

| Emerfions.  | Emerfions.  | Emerfions.  | Emerfions.  |
|-------------|-------------|-------------|-------------|
| August.     | September.  | October.    | November.   |
| 1 7 23 22   | 11 0 36 56  | 19 23 20 47 | 26 3 19 3   |
| 3 1 52 22   | 12 19 6 24  | 21 17 49 42 | 27 21 47 9  |
| 4 20 21 24  | 14 13 35 54 | 23 12 18 35 | 29 16 15 13 |
| 6 14 50 28  | 16 8 5 26   | 25 6 47 25  |             |
| 8 9 19 34   | 18 2 35 0   | 27 1 16 13  | December.   |
| 10 3 48 42  | 19 21 4 32  | 28 19 44 58 | 1 10 43 15  |
| 11 22 17 51 | 21 15 34 0  | 30 14 30 41 | 3 5 11 10   |
| 13 16 47 2  | 23 10 3 25  | November.   | 4 23 39 9   |
| 15 11 16 15 | 25 4 32 40  | 1 8 42 21   | 6 18 7 8    |
| 17 5 45 30  | 26 23 2 4   | 3 3 10 57   | 8 12 35 6   |
| 19 0 14 47  | 28 17 31 19 | 4 21 39 29  | 10 7 3 3    |
| 20 18 44 8  | 30 12 0 32  | 6 16 7 58   | 12 1 30 59  |
| 22 13 13 26 | October.    | 8 10 36 25  | 13 19 58 55 |
| 24 7 42 46  | 2 6 29 42   | 10 5 4 50   | 15 14 26 52 |
| 26 2 12 7   | 4 0 58 50   | 11 23 33 12 | 17 8 54 50  |
| 27 20 41 29 | 5 19 28 3   | 13 18 1 32  | 19 3 22 49  |
| 29 15 10 53 | 7 13 57 15  | 15 12 29 49 | 20 21 50 48 |
| 31 9 40 18  | 9 8 26 26   | 17 6 58 6   | 22 16 18 47 |
| September.  | 11 2 55 35  | 19 1 26 21  | 24 10 46 47 |
| 2 4 9 45    | 12 21 24 43 | 20 19 51 34 | 26 5 14 47  |
| 3 22 39 10  | 14 15 53 49 | 22 14 22 4  | 27 23 42 48 |
| 5 17 8 36   | 16 10 22 51 | 24 8 50 56  | 29 18 10 49 |
| 7 11 38 2   | 18 4 51 50  |             | 31 12 38 51 |
| 9 6 7 29    |             |             |             |

The fecond SATELLITE.

The second SATELLITE.

| Immerfions. | Immerfions. | Immerfions. | Immerfions. |
|-------------|-------------|-------------|-------------|
| January.    | February.   | March.      | April.      |
| D H M S     |             |             |             |
| 24 7 36 42  | 14 15 24 48 | 6 23 16 39  | 4 9 46 47   |
| 27 20 54 24 | 18 4 43 14  | 10 12 35 29 | 7 23 4 56   |
| 31 10 12 13 | 21 18 1 47  | 14 1 54 17  | 11 12 23 20 |
| February.   |             | 17 15 13 3  | 15 1 41 38  |
| 3 23 30 10  | 25 7 20 27  | 21 4 31 45  | 18 14 59 50 |
| 7 12 48 16  | 28 20 39 7  | 24 17 50 34 | 22 4 17 55  |
| 11 2 6 29   | March.      |             | 25 17 35 54 |
|             | 3 9 57 51   | 28 7 9 17   | 29 6 53 46  |
|             |             | 31 20 27 54 |             |



*Upon the Eclipses of Jupiter's Planets, 1748.*

The second SATELLITE.

| Immersions. | Immersions. | Emersions.  | Emersions.  |
|-------------|-------------|-------------|-------------|
| May.        | July.       | September.  | November.   |
| 2 20 11 28  | 5 19 21 58  | 4 8 36 17   | 3 19 1 55   |
| 6 9 29 3    | 9 8 39 45   | 7 21 56 0   | 7 8 19 46   |
| 9 22 46 31  | 12 21 57 40 | 11 11 15 43 | 10 21 37 28 |
| 13 12 3 56  | 16 11 15 45 | 15 0 35 25  | 14 10 54 59 |
| 17 1 21 16  | 20 0 33 58  | 18 13 55 7  | 18 0 12 19  |
| 20 14 38 31 | 23 13 52 18 | 22 3 14 46  | 21 13 29 33 |
| 24 3 55 41  | 27 3 10 46  | 25 16 34 21 | 25 2 46 39  |
| 27 17 12 47 | Emersions.  | 29 5 53 55  | 28 16 3 37  |
| 31 6 29 48  | 30 19 23 6  | October.    | December.   |
| June.       | August.     | 2 19 13 24  | 2 5 20 31   |
| 3 19 46 49  | 3 8 41 53   | 6 8 32 47   | 5 18 37 19  |
| 7 9 3 50    | 6 22 0 52   | 9 21 51 57  | 9 7 54 2    |
| 10 22 20 51 | 10 11 19 57 | 13 11 10 57 | 12 21 10 42 |
| 14 11 37 57 | 14 0 39 8   | 17 0 29 48  | 16 10 27 25 |
| 18 0 55 6   | 17 13 58 30 | 20 13 48 33 | 19 23 44 11 |
| 21 14 12 17 | 21 3 17 56  | 24 3 7 10   | 23 13 1 1   |
| 25 3 29 34  | 24 16 37 26 | 27 16 25 38 | 27 2 17 55  |
| 28 16 46 55 | 28 5 56 59  | 31 5 43 52  |             |
| July.       | 31 19 16 36 |             |             |
| 2 6 4 19    |             |             |             |

The third SATELLITE.

| Immersions. | Im. and Em. | Im. and Em. | Im. and Em. |
|-------------|-------------|-------------|-------------|
| January.    | March.      | April.      | May.        |
| 25 2 5 23   | 8 2 10 12   | 13 1 53 23  | 25 22 14 59 |
| February.   | — 5 45 31   | 20 2 18 20  | 26 1 50 23  |
| 1 6 4 54    | 15 6 11 59  | — 5 54 1    | June.       |
| 8 10 5 8    | — 9 47 23   | 27 6 18 31  | Immersions. |
| 15 14 5 49  | 22 10 13 44 | — 9 54 10   | 2 2 13 25   |
| Im. and Em. | — 13 49 12  | May.        | 9 6 11 47   |
| 22 18 7 1   | 29 14 14 15 | 4 10 18 19  | 15 10 10 20 |
| — 21 42 6   | — 17 49 49  | — 13 53 54  | 23 14 8 58  |
| 29 22 8 15  | April.      | 11 14 17 19 | 30 18 8 4   |
| March.      | 5 18 17 19  | — 17 52 51  | July.       |
| 1 1 43 28   | — 21 52 55  | 18 18 16 25 | 7 22 7 47   |
|             | 12 22 17 42 | — 21 51 53  |             |



*Upon the Eclipses of Jupiter's Planets, 1748.*

**The third SATELLITE.**

| Immersion.  | Im. and Em. | Im. and Em. | Im. and Em. |
|-------------|-------------|-------------|-------------|
| July.       | September.  | October.    | December.   |
| D H M S     | 10 10 30 24 | 23 10 50 17 | 5 10 49 31  |
| 15 2 8 5    | — 14 2 16   | — 14 19 34  | — 14 15 27  |
| 22 6 2 53   | 17 14 34 28 | 30 14 51 47 | 12 14 46 48 |
| Emerfions.  | — 18 16 14  | — 18 20 34  | — 18 12 6   |
| 29 13 44 22 | 24 18 38 25 | November.   | 19 18 46 4  |
| August.     | — 22 9 29   | 6 18 52 32  | — 22 10 45  |
| 5 17 46 15  | October.    | — 22 20 47  | 26 22 44 35 |
| 12 21 48 45 | 1 22 42 5   | 13 22 52 42 | 27 2 8 41   |
| 20 1 51 40  | 2 2 13 2    | 14 2 20 22  |             |
| 27 5 55 5   | 9 2 45 19   | 21 2 52 1   |             |
| September.  | — 6 15 30   | — 6 19 4    |             |
| 3 9 58 35   | 16 6 48 12  | 28 6 50 59  |             |
|             | — 10 10 55  | — 10 17 31  |             |

**The fourth SATELLITE.**

| Im. and Em. | Im. and Em. | Immersion.  | Im. and Em. |
|-------------|-------------|-------------|-------------|
| February    | April.      | July.       | October.    |
| 3 20 5 22   | 27 15 4 10  | 3 1 34 1    | 12 5 19 30  |
| 4 0 48 11   | — 19 50 4   | 20 9 45 9   | — 9 48 46   |
| 20 14 15 47 | May.        | Emerfions.  | 28 23 36 40 |
| — 18 9 47   | 14 8 12 30  | August.     | 29 4 2 28   |
| March.      | — 12 58 5   | 6 7 39 56   | November.   |
| 8 8 30      | 31 4 19 16  | 23 2 55 59  | 14 17 50 11 |
| — 13 15 0   | — 9 4 16    | Im. and Em. | — 22 1 17   |
| 25 2 41 11  | June.       | September.  | December.   |
| — 7 6 43    | 16 21 25 44 | 8 16 38 56  | 1 12 0 22   |
| April.      | 17 2 9 51   | — 21 14 4   | — 16 18 22  |
| 10 20 3 41  |             | 25 10 9 58  | 18 6 0 36   |
| 11 1 39 34  |             |             | — 10 24 8   |

*N.B.* About the Middle of this Year the Semi-duration of the Eclipses of the first Satellite is 1h. 8m. 26 sec. and of those of the second 1h. 20m. 53 sec.

*Upon*



*Upon the Eclipses of the great Luminaries, 1748.*

**I**N this Year there happen Two Eclipses of the *Sun*, and Two of the *Moon*; one of each Luminary Visible in our Hemisphere. They happen in the following Order.

The *First* is a *Solar Defect*, upon *Tuesday* the 19th of *January*, about our Three in the Morning, consequently Invisible, not to us only, but even to all *Europe*; and as at that Time it hath considerable South Latitude, it will not be very conspicuous in any Part of the known World: But in the unknown Southern Parts it will be a very great Eclipse; for in about 61 Degrees and an half of South Latitude, and 135 Degrees of Longitude East from *London*, viz. in the great *South-Sea*, or unknown Continent, about 18 Degrees South by West from *Van Diemen's Land*, the Inhabitants, if any such there be, will behold the *Sun* Totally and Centrally Eclipsed in the *Meridian*: Which Sight will doubtless be very terrible to them, if unskilled in *Astronomy*, especially if they have a serene Sky; for though the Darkness comes gradually on until the first gloomy Moment, yet so piercing is the least Thread of the *Sun's* Light, that the momentary Transition, from clear *Sunshine* to gloomy Darkness, will give a great Shock to Nature even in such Persons as expect it; and much more so when it comes upon them at unawares, or by Surprise.

The *Second* of these Eclipses is a small one of the *Moon*, and Invisible, upon *Wednesday* the 3d of *February*. The Middle of this Eclipse, with respect to *London* our Metropolis, happens about eight Minutes before Noon; at which Time the *Moon* is vertical to that Part of the great *Ocean* lying about 50 Leagues West from the Isle of *St. Pedro*, in 12 Deg 25 Min. of North Latitude, 179 Deg 52 Min. of Longitude East from *London*. Consequently it will be visible in *New Zealand*, *Van Diemen's Land*, *New-Holland*, the *Molucca Isles*, those of *Sunda*, *Sumatra*, *Bornea*, and *Philippina*; the Kingdoms of *Siam* and *China* in the *East-Indies*; the Eastern Parts of *Muscovite Tartary*, quite throughout the Eastern *Tartary*, in *Japan*, and *Yedso*: It will also extend itself on this Side the *North Pole* as far as *Greenland*, *Groenland*, *New-Britain*, *Canada*, &c. as far as the Bay of *Honduras*. The Defect, where visible, is three Digits and an half upon the North Side of the *Moon*.

The *Third* is a notable Eclipse of the *Sun*, upon *Thursday* the 14th of *July* in the Morning, Visible in these Parts of the Globe.

It will be first seen to begin upon the Vertical Point of the *Sun's* Periphery at his Rising, in the *Atlantic Ocean*, 49 Deg.



*Upon the Eclipses of the greater Luminaries, 1748.*

40 Min. *West* from London, in 35 Deg. 33 Min. of North Latitude. The Central Eclipse begins in 46 Deg. 1 Min. North Latitude, 75 Deg. 11 Min. *West* from London, upon the North-West Borders of *New-England*, or *South-East* of *Canada*, and directing its Course towards the North-East, it passeth over *New-Scotland*, *St. Laurence's-Bay*, and *Newfoundland*; and having acquired the Latitude of about 61 Degrees in about 20 Deg. of *West Longitude* from London, bending more Southward it passeth over the Heart of *Scotland*; and traversing the *German Ocean*, the South Parts of *Denmark*, *Holslein*, *Mecklenburg*, and *Brandenburg*, about *Franckfort* on the *Oder* the Sun will appear centrally eclipsed at Noon, viz. in Latitude  $52^{\circ} 26'$  North,  $15^{\circ} 52'$  East from London. In this Meridian the Sun is more or less eclipsed at Noon, from  $16^{\circ} 36'$  North Latitude, where the Moon's lower Limb only touches the upper Verge of the Sun, about *Tibeldera*, upon the North-West Borders of *Ethiopia*, through *Bildulgerid*, *Tripoli*, *Sicily*, *Naples*, *Austria*, *Bohemia*, *Gotbland*, *Sweden*, *Lapland*, *Greenland*, and the *Northern Ocean*, to upwards of  $19^{\circ}$  beyond the Pole; in which Place the Defect will be about three Digits. In  $49^{\circ} 28'$  Latitude,  $22^{\circ} 33'$  East from London, upon the South of *Poland* the Eclipse will be central in  $90^{\circ}$  of the *Ecliptic*; from whence this Appearance passes over *Muscovy*, *Circassia*, *Tartary*, the *Caspian Sea*, the South-East Parts of *Persia*, the South-West of the *Mogul Empire*, and quits the Globe in the *Indian Sea*, in  $11^{\circ} 11'$  North Latitude, East from London  $78^{\circ} 41'$ , some Leagues from *Tranquebar*, a *French Settlement* upon the Eastern Shore; through all which Track the Spectators will be entertained with a beautiful *Annulus*, or Ring of Light, near half a Digit in Breadth. The whole *Penumbra* leaves this *Terraqueous Globe* in 0 Deg. 11 Min. of North Latitude,  $56^{\circ} 6'$  of Longitude East from London; viz. in the *Indian Sea*, about 230 Leagues South East from the desert Coasts of *Anian* in *Africa*, and 50 North from the most Northern of the *Admiralty Isles*; in which Place the Eclipse will be last seen to end upon the Vertical Point of the Sun's Disk, at his Setting.

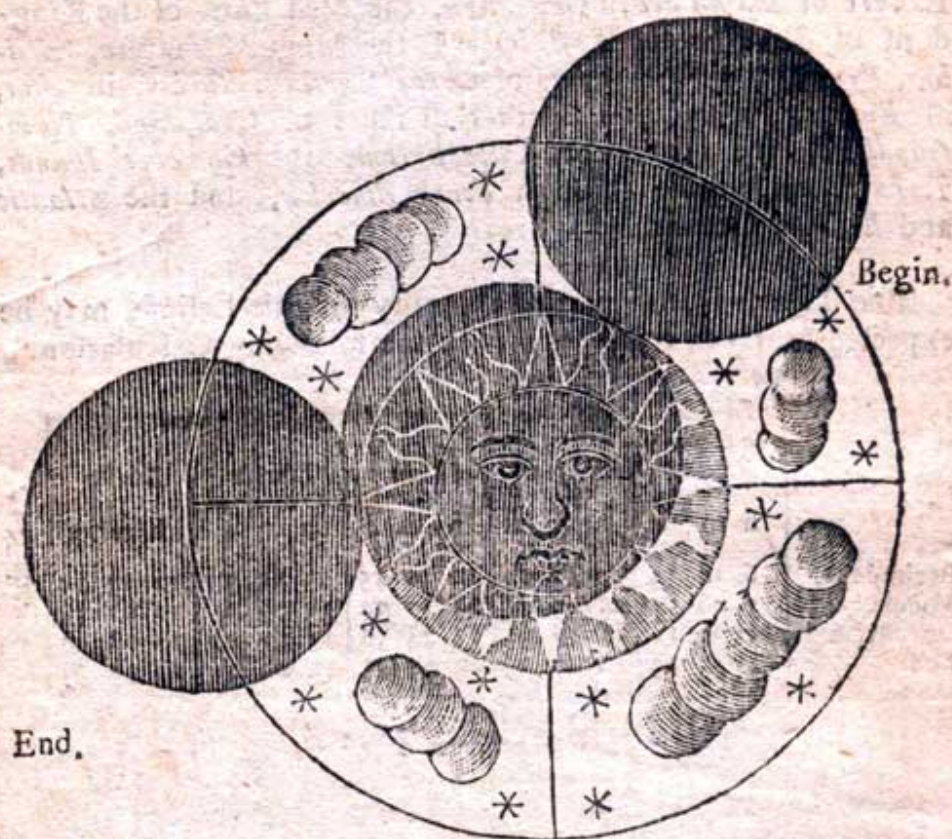
In the South Parts of this Kingdom the Quantity of the Eclipse will be about nine Digits and an half; in more Northernly Situations the Defect is greater; insomuch that in the Middle and Northern Parts of *Scotland*, where it is annular, it amounts to about 11 Digits, 13 Minutes; viz. near 11 and a Quarter; but the Dilatation of the *Annulus*, occasioned by the Passage of its Rays through the gross Particles of our Atmo-



# *Upon the Eclipses of the greater Luminaries, 1748.*

isphere, will make it appear somewhat more than half a Digit in Breadth.

The following Type, adapted to *London*, may, without sensible Error, serve all Parts of these Kingdoms South of the Track of Annular Appearance, the Quantity of Light excepted; and that may be nearly estimated from the subsequent Calculations.



|                 | Edinb.   | York     | Lincol.  | London   |
|-----------------|----------|----------|----------|----------|
|                 | h m s    | h m s    | h m s    | h m s    |
| Beginning       | 8. 48 0  | 8 56 0   | 8 58 20  | 9 1 10   |
| Visible Con.    | 10 15 15 | 10 24 50 | 10 28 10 | 10 30 30 |
| Great. Obscur.  | 10 15 55 | 10 26 0  | 10 29 50 | 10 33 20 |
| End             | 11 47 25 | 12 0 0   | 12 4 15  | 12 10 30 |
| Digits Eclipsed | 11 9 N   | 10 25    | 10 15    | 9 51     |



## Upon the Eclipses of the greater Luminaries, 1748.

The Fourth and last of these Eclipses is a partial and visible one of the *Moon*, upon *Thursday* the 28<sup>th</sup> of *July*. At the Time of greatest Obscuration the *Moon* is vertical to that Part of the *Ethiopian Sea* lying under  $60^{\circ} 39'$  of South Latitude,  $9^{\circ} 34'$  East from *London*; viz. about 80 Leagues to the West from *Cape-Negro*, upon the South-West Point of *Benguela* in *Africa*: Whence it appears that this Eclipse will be visible in all *Africa*, the Island of *Madagascar*, all the lesser Isles of the Eastern or *Indian Sea*, in *Sumatra*, the West Parts of the Kingdom of *Siam* (in the *East-Indies*), the *Mogul's Empire*, *Arabia*, *Persia*, the West Parts of *Great Tartary*, *Turkey*, in *Asia*, all *Europe*, *Iceland*, the South-East Parts of *Greenland*, *Newfoundland*, the Island of *Cape-Breton*, the *Caribbee Islands*, *Terra Firma*, quite through *South America*, and the *Atlantic* and *Ethiopic Oceans*.

The Time, Duration, and Quantity of this Eclipse, may be expected nearly to correspond with the following Calculation.

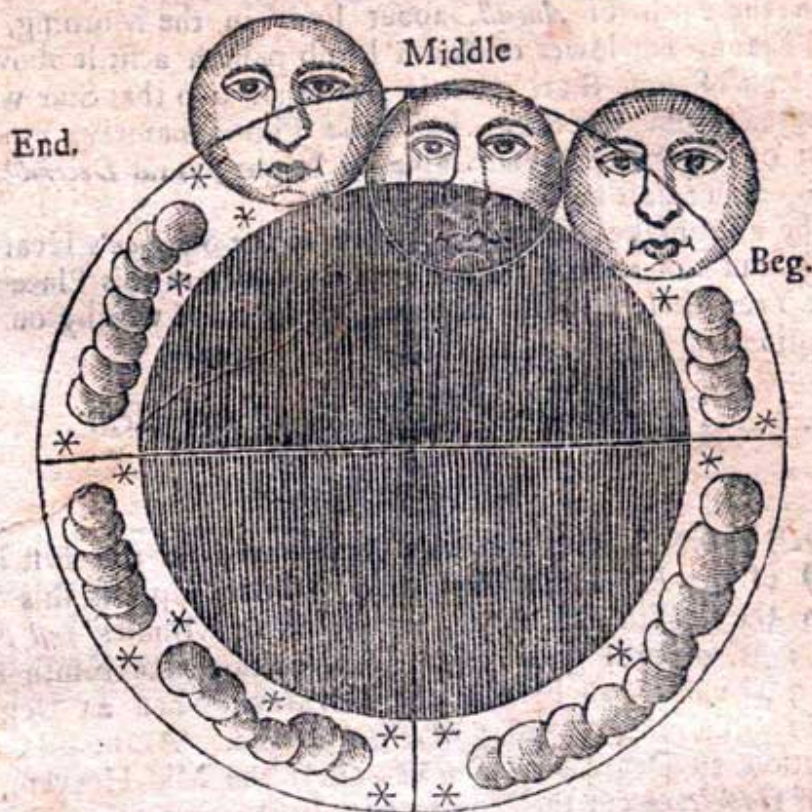
|            | <i>Louistb.</i><br>in <i>Cape-</i><br><i>Breton.</i> |    |    | <i>Edinb.</i><br>in<br><i>Scotland</i> |    |    | Here in <i>England</i> |    |    |                |    |    |               |    |    | At Night. |
|------------|--|----|----|--|----|----|------------------------|----|----|----------------|----|----|---------------|----|----|-----------|
|            |  |    |    |  |    |    | <i>York</i>            |    |    | <i>Lincoln</i> |    |    | <i>London</i> |    |    |           |
|            | h  | m  | s  | h                                      | m  | s  | h                      | m  | s  | h              | m  | s  | h             | m  | s  |           |
| Beginning  | 6  | 18 | 35 | 10                                     | 1  | 15 | 10                     | 9  | 15 | 10             | 11 | 35 | 10            | 13 | 15 |           |
| Middle     | 7  | 26 | 54 | 11                                     | 9  | 34 | 11                     | 17 | 34 | 11             | 19 | 54 | 11            | 21 | 34 |           |
| Opposition | 7  | 34 | 18 | 11                                     | 16 | 58 | 11                     | 24 | 58 | 11             | 27 | 18 | 11            | 28 | 58 |           |
| End        | 8  | 35 | 13 | 12                                     | 17 | 53 | 12                     | 25 | 53 | 12             | 28 | 13 | 12            | 29 | 53 |           |

Digits Eclipsed  $5^{\circ} 16'$



# Astronomical Remarks, 1748.

The Type for London.



Upon the Fourth of *March* there happens a notable Conjunction of *Mars* and *Venus* near the Meridian; the apparent Time of the Conjunction, according to my Numbers, will be about 45 Minutes past One in the Afternoon; and at 59 Minutes past One they transite the Meridian; at which Time the Declination of *Venus* is about  $10^{\circ} 31\frac{1}{2}'$ , and that of *Mars* a few Seconds above  $10^{\circ} 32'$ . This Conjunction, tho' in the Day-time, may be discovered by the Help of a good Telescope, especially if the Observator seek diligently for *Venus* a few Days before; for the Difficulty of discovering her, even by the naked Eye, is entirely owing to our not knowing where to look for her. At this Appulse the Difference of their Latitudes is so small, that they will probably appear as one Star for several Minutes of Time.

*Venus* also makes a near Appulse to *Saturn* the 8th of *December* in the Morning; but she is somewhat removed from him before they rise in our Hemisphere. In more Easternly Situations this Conjunction will be visible. The



*Upon the Four Quarters of the Year, 1748.*

little more than two Degrees: Whence we may still expect to hear of Warlike Stratagems, Inroads, Plunderings, Depopulations, Skirmishings, and the like; together with Disturbance and Fatigue to the Councils and Courts of Great Men. The Position of *Jupiter* as above will, in all Probability, bring some notable Person in Religious Orders into great Straits, Disgrace, or Imprisonment, and stir up hot Disputes about Religion or Religious Matters.

W I N T E R.

**T**HIS Quarter begins upon the Ninth of *December*, at 21 Hours 26 Minutes *post Meridiem*; viz according to common Computation, the Tenth Day, 26 Minutes past Nine in the Morning; at which Time 17 Degrees of *Capricorn* occupy the Ascendant, and 24 of *Scorpio* culminate: *Saturn* and *Jupiter* both in *Quartile* to each other; the First Lord of the Ascendant, and the other posited therein Lord of the Sixth and Eleventh Houses, together with the Conjunction of *Saturn* and *Venus* in the Ninth, seem to denote great Broils and Uneasiness during this Quarter; which *Mars*, who is hastening to his Conjunction also (that of *Saturn* I mean), will not a little exaggerate. These Positions, were it a proper Time for Action, would, in all Probability, produce very violent Proceedings in a Military Way. Proper Time did I say! The woful Experience of some late Years hath convinced us, that no Seasons, however improper, can put a Stop to the Barbarity, Ravages, and Oppressions of Tyrannical Princes, when heated with Pride, Avarice, and Ambition. But the Sextile of the *Sun* and *Jupiter* will, it is to be hoped, in some Measure alleviate those violent Proceedings, and pave the Way for Peace and Tranquillity; which the Trine of the two Superiors, which happens in the Spring Quarter, 1749, will doubtless put in a fair Way of being established.

P R I N T E R, with Care Compose each Word and Line;

Let who will fail, the Blame is surely mine:

Nay, trivial Slips, if known to spring from thee,

Are downright Lyes whenever the Fault's in me.

Then let us all our Wits together pack,

To Write and Print a New True ALMANACK.

Die 2<sup>d</sup> July 1747.

F I N I S.