

# Speculum Anni :

OR,

## SEASON on the SEASONS,

For the Year of our LORD 1799 ;

BEING THE THIRD AFTER

BISSEXTILE, OR LEAP YEAR.

Wherein you will find all Things necessary for  
such a Work ; Sun and Moon's Rising and Setting ;  
Moon's Southing, Planets Places and Aspects, Eclipses,  
Judgments on the Weather, and Four Quarters ; Remarks  
about the Sun, Monthly Poetry, and other Novelties.

By **HENRY SEASON,**

LICENSED PHYSICIAN,

And Student in the CELESTIAL SCIENCES, near DEVIZES.

With a particular Judgment of the ECLIPSES, &c.

*Omnis donatio bona, & omne integrum bonum*

*Est superne descendens à patre Luminum.*—JAC. I. 17.

God hath granted me to speak according to my Mind, and to judge  
worthily of the Things that are given me ; for he is the Leader unto  
Wisdom, and the Director of the Wise : How the Times alter, the  
Change of the Seasons, the Course of the Year, and the Situation of  
the Stars.

WISD. chap. vi. v. 15, 19.

The sacred Fiat was no sooner nam'd,  
But Heav'n with all its Hosts were fram'd ;  
Phœbus display'd his fiery Car,  
And Wisdom marshall'd ev'ry Star ;  
Sev'n Worlds around the Sun did glide,  
He gave their Light, and Motions guide ;  
By secret, fix'd, attractive Laws,  
They all confess th' Almighty Cause.

17 182 99

The AUTHOR'S Sixty-Sixth Impression.

**LONDON,**

Printed for the COMPANY of STATIONERS,

And sold by GEORGE GREENHILL, at their Hall, in Ludgate-Street.  
Price SIXTEEN-PENCE, stitched.

## The common Notes for the Year 1799.

|                             |                              |
|-----------------------------|------------------------------|
| The Golden Number - - 14    | Shrove-Sunday - - Feb. 3     |
| The Epact - - - - 23        | Ash-Wednesday - - - 6        |
| The Cycle of the Sun - - 16 | Easter-Day - - Mar. 24       |
| Dominical Letter - - - F    | Whit-Sunday - - May 12       |
| Roman Indiction - - - 2     | Advent-Sunday - Dec. 1       |
| Septuagesima Sunday Jan. 20 | Sundays after Trinity - - 27 |

## The 12 Signs.

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

## The 7 Planets, and the Aspects.

|               |
|---------------|
| ☉ Sun         |
| ☾ Moon        |
| ♄ Saturn      |
| ♃ Jupiter     |
| ♂ Mars        |
| ♀ Venus       |
| ☿ Mercury     |
| ♌ Conjunction |
| * Sextile     |
| □ Square      |
| △ Trine       |
| ♌ Opposition  |

## The four Quarters of the Year.

|                             |          | d | h  | m       |
|-----------------------------|----------|---|----|---------|
| Spring Quarter begins - - - | March 20 | 2 | 17 | Aftern. |
| Summer Quarter begins - - - | June 21  | 0 | 3  | Aftern. |
| Autumn Quarter begins - - - | Sept. 23 | 1 | 49 | Morn.   |
| Winter Quarter begins - - - | Dec. 21  | 6 | 23 | Aftern. |

Venus will be an Evening Star till October 16, and then a Morning Star for the rest of the Year.

Jupiter will be an Evening Star till May 30, then a Morning Star till Dec. 17, and after that an Evening Star for the rest of the Year.

# KINGS and QUEENS.

3

A TABLE of the **KINGS** and **QUEENS** of England,  
from the **CONQUEST** to the present Year 1799.

| Names of<br>Kings. | Born<br>Ann. | When<br>Began to reign. | Reign.<br>Y. M. | Since their Reign<br>ended. | Buried at  |
|--------------------|--------------|-------------------------|-----------------|-----------------------------|------------|
| William 1          | 1029         | 1066, Octob. 14         | 20 11           | 712, Septem. 9              | Caen, Nor. |
| William 2          | 1057         | 1087, Sept. 9           | 12 11           | 699, August 2               | Winchest.  |
| Henry 1            | 1068         | 1100, Aug. 2            | 35 4            | 664, Decemb. 1              | Reading.   |
| Stephen            | 1105         | 1135, Dec. 1            | 18 11           | 645, Octob. 25              | Feverham   |

## The Saxon Line Restored.

|           |      |               |      |                |            |
|-----------|------|---------------|------|----------------|------------|
| Henry 2   | 1133 | 1154, Oct. 25 | 34 8 | 610, July 6    | Fontevr.   |
| Richard 1 | 1156 | 1189, July 6  | 9 9  | 600, April 6   | Fontevr.   |
| John      | 1165 | 1199, April 6 | 17 6 | 583, Octob. 19 | Worcester  |
| Henry 3   | 1207 | 1216, Oct. 19 | 56 1 | 527, Nov. 16   | Westmin.   |
| Edward 1  | 1239 | 1272, Nov. 16 | 34 8 | 492, July 7    | Westmin.   |
| Edward 2  | 1284 | 1307, July 7  | 19 7 | 472, Jan. 25   | Gloucester |
| Edward 3  | 1312 | 1327, Jan. 25 | 50 5 | 422, June 21   | Westmin.   |
| Richard 2 | 1366 | 1377, June 21 | 22 3 | 400, Sept. 29  | Westmin.   |

## The Line of Lancaster.

|         |      |                |      |                |          |
|---------|------|----------------|------|----------------|----------|
| Henry 4 | 1367 | 1399, Sept. 29 | 13 6 | 386, March 20  | Canterb. |
| Henry 5 | 1389 | 1413, Mar. 20  | 9 5  | 377, August 31 | Westmin. |
| Henry 6 | 1421 | 1422, Aug. 31  | 38 6 | 338, March 4   | Windfor  |

## The Line of York.

|           |      |               |      |                |           |
|-----------|------|---------------|------|----------------|-----------|
| Edward 4  | 1442 | 1461, Mar. 4  | 22 1 | 316, April 9   | Windfor   |
| Edward 5  | 1471 | 1483, April 9 | 0 2  | 316, June 22   | Unknown   |
| Richard 3 | 1442 | 1483, June 22 | 2 2  | 314, August 22 | Leicester |

## The Families United.

|           |      |                |      |               |          |
|-----------|------|----------------|------|---------------|----------|
| Henry 7   | 1456 | 1485, Aug. 22  | 23 8 | 290, April 22 | Westmin. |
| Henry 8   | 1492 | 1509, April 22 | 37 9 | 252, Jan. 28  | Windfor  |
| Edward 6  | 1537 | 1547, Jan. 28  | 6 5  | 246, July 6   | Westmin. |
| Qu. Mary  | 1516 | 1553, July 6   | 5 4  | 241, Nov. 17  | Westmin. |
| Qu. Eliz. | 1533 | 1558, Nov. 17  | 44 4 | 196, March 24 | Westmin. |

## The Union of the Two Crowns.

|              |      |               |       |               |            |
|--------------|------|---------------|-------|---------------|------------|
| James 1      | 1566 | 1603, Mar. 24 | 22 0  | 174, March 27 | Westmin.   |
| Charles 1    | 1600 | 1625, Mar. 27 | 23 10 | 150, Jan. 30  | Windfor    |
| Charles 2    | 1630 | 1649, Jan. 30 | 36 0  | 114, Feb. 6   | Westmin.   |
| James 2      | 1633 | 1685, Feb. 6  | 4 0   | 110, Feb. 13  | S. Germain |
| Will. & Mary | 1650 | 1689, Feb. 13 | 13 1  | 97, March 8   | Westmin.   |

## The Union of the Two Kingdoms.

|          |      |               |       |                         |          |
|----------|------|---------------|-------|-------------------------|----------|
| Qu. Anne | 1665 | 1702, Mar. 8  | 12 5  | 85, August 1            | Westmin. |
| George 1 | 1660 | 1714, Aug. 1  | 12 10 | 72, June 11             | Hanover  |
| George 2 | 1683 | 1727, June 11 | 33 4  | 39, Oct. 25             | Westmin. |
| George 3 | 1738 | 1760, Oct. 25 | 25    | Crowned Sept. 22, 1761. |          |

## A TABLE OF TERMS AND THEIR RETURNS.

Hilary Term begins January 23, ends February 12.

| Returns or Effoign Days                   | —      | —       | E  | R  | A     | W.D.   |
|---|--------|---------|----|----|-------|--------|
| In eight Days of St. Hilary               | —      | Jan. 20 | 21 | 22 | 23    | Wedn.  |
| In 15 Days of St. Hilary                  | —      | —       | 27 | 28 | 29    | Wedn.  |
| On the Mor. of the Purificat. of B.V.M.   | Feb. 3 | 4       | 5  | 6  | Wedn. |        |
| In eight Days of the Purificat. of B.V.M. | —      | 9       | 10 | 11 | 12    | Tuesd. |

Easter Term begins April 10, ends May 6.

|                                     |       |         |    |    |      |       |
|-------------------------------------|-------|---------|----|----|------|-------|
| In 15 Days after Easter             | —     | April 7 | 8  | 9  | 10   | Wedn. |
| From Easter in 3 Weeks              | —     | —       | 14 | 15 | 16   | Wedn. |
| From Easter in 1 Month              | —     | —       | 21 | 22 | 23   | Wedn. |
| From Easter in 5 Weeks              | —     | —       | 28 | 29 | 30   | Wedn. |
| On the Morrow of the Ascension-Day, | May 3 | 4       | 5  | 6  | Mon. |       |

Trinity Term begins May 24, ends June 12.

|                                     |   |        |    |    |    |       |
|-------------------------------------|---|--------|----|----|----|-------|
| On the Morrow of the Holy Trinity   | — | May 20 | 21 | 22 | 24 | Frid. |
| In eight Days of the Holy Trinity   | — | —      | 26 | 27 | 28 | Wed.  |
| In 15 Days of the Holy Trinity      | — | June 2 | 3  | 4  | 5  | Wed.  |
| From Day of Holy Trinity in 3 Weeks | — | 9      | 10 | 11 | 12 | Wed.  |

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

|                             |   |        |    |    |    |        |
|-----------------------------|---|--------|----|----|----|--------|
| On the Morrow of all Souls  | — | Nov. 3 | 4  | 5  | 6  | Wedn.  |
| On the Morrow of St. Martin | — | —      | 12 | 13 | 14 | Frid.  |
| In eight Days of St. Martin | — | —      | 18 | 19 | 20 | Thurs. |
| In 15 Days of St. Martin    | — | —      | 25 | 26 | 27 | Thurs. |

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

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

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

# BISHOPS and JUDGES.

5

A CATALOGUE of the Most Reverend, Right Reverend, and Reverend, the Archbishops, Bishops and Deans, exercising Ecclesiastical Jurisdiction in England, 1799.

| <i>Archbishops.</i>     | <i>Deans' Names.</i>           | <i>Names of the Sees.</i> |
|-------------------------|--------------------------------|---------------------------|
| Dr. John Moore          | Dr. Powys                      | Canterbury                |
| Dr. Wm. Markham         | Dr. John Fountayne             | York                      |
| <i>Bishops.</i>         |                                |                           |
| Dr. Beilby Porteus      | Bp. of Lincoln                 | London                    |
| Hon. Shute Barrington   | Bp. of Litchfield & Cov.       | Durham                    |
| Hon. D. Brownl. North   | Dr. Newton Ogle                | Winchester                |
| Dr. Buckner             | Mr. Combe Millar               | Chichester                |
| Dr. Charles Moss        | Lord Francis Seymour           | Bath and Wells            |
| Dr. John Douglas        | Dr. John Ekins                 | Salisbury                 |
| Dr. Spencer Madan       | Dr. Thomas Kipling             | Peterborough              |
| Hon. Dr. James Yorke    | Dr. William Pearce             | Ely                       |
| Dr. Sam. Horsley        | Dr. Thomas Dampier             | Rocheſter                 |
| Dr. Richard Hurd        | Ho. St. Andrew St. John        | Worceſter                 |
| Dr. John Butler         | Dr. Nat. Wetherell             | Hereford                  |
| Dr. John Warren         | Dr. Thomas Lloyd               | Bangor                    |
| Hon. Dr. Ja. Cornwallis | Dr. Baptiſt Proby              | Litchfield and Coventry   |
| Dr. Lewis Bagot         | Mr. W. D. Shipley              | St. Aſaph                 |
| Dr. Richard Watſon      | Dr. Robert Price, <i>Prec.</i> | Llandaff                  |
| Dr. Edward Smalwell     | Dr. Cyril Jackſon              | Oxford                    |
| Dr. Cornwall            | Dr. John Hallam                | Briſtol                   |
| Dr. George Pretyman     | Sir Richard Kaye, Bart.        | Lincoln                   |
| Dr. E. Venables Vernon  | Dr. Haac Milner                | Carlile                   |
| Dr. Wm. Cleaver         | Dr. George Cotton              | Cheſter                   |
| Hon. Dr. Stuart         | Mr. F. Wollafton, <i>Prec.</i> | St. David's               |
| Dr. Richard Beadon      | Dr. Joſiah Tucker              | Glouceſter                |
| Dr. C. Manners Sutton   | Dr. Joſeph Turner              | Norwich                   |
| Dr. Courtenay           | Dr. Charles Harward            | Exeter                    |
|                         | Bp. of Rocheſter               | Weſtmiſter                |
|                         | Bp. of Norwich                 | Windſor                   |
|                         |                                | Sodor and Man             |
| Dr. Claud Crigan        |                                |                           |

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

|                                 |  |
|---------------------------------|--|
| Rt. Hon. Al. Lord Loughborough, | Lord High Chancellor of Great Britain. |
| Sir Rich. Pepper Arden,         | Knt. Maſter of the Rolls.              |
| Sir John Scott,                 | Knt. Attor. Gen.                       |
| Sir John Mitford,               | Knt. Sol. Gen.                         |
| II. In the {                    | Rt. Hon. Lord Kenyon, L. C. J.         |
| K. Bench. {                     | Sir Wm. Henry Aſhhurſt, Knt.           |
| III. In the {                   | Rt. Hon. Sir J. Eyre, Knt. C. J. C. P. |
| Co. Pleas. {                    | — Rooke, Eſq;                          |
| IV. In the {                    | Sir A. McDonald, Knt. L. C. B.         |
| Exchequer. {                    | Sir Beaumont Hoſham, Knt.              |
|                                 | Sir N. Groſe, Knt.                     |
|                                 | Soulden Lawrence, Eſq;                 |
|                                 | John Heath, Eſq;                       |
|                                 | Sir Fr. Bailer, Bart.                  |
|                                 | Sir Rich. Perryn, Knt.                 |
|                                 | Sir Alex. Thompson, Knt.               |

A TABLE shewing the Moon's Southing for Farmers and others that breed Cattle, but men and others that sail upon the Waters.

| M  | Jan.              | Feb.             | Mar.             | April             | May               | June               | M  |
|----|-------------------|------------------|------------------|-------------------|-------------------|--------------------|----|
| D  | h m               | h m              | h m              | h m               | h m               | h m                | D  |
| 1  | 7 <sup>m</sup> 44 | 9 <sup>m</sup> 7 | 8 <sup>m</sup> 1 | 9 <sup>m</sup> 29 | 9 <sup>m</sup> 38 | 10 <sup>m</sup> 17 | 1  |
| 2  | 8 35              | 10 3             | 8 56             | 10 11             | 10 17             | 11 3               | 2  |
| 3  | 9 30              | 10 58            | 9 48             | 10 52             | 10 57             | 11 52              | 3  |
| 4  | 10 26             | 11 49            | 10 36            | 11 32             | 11 38             | 12 45              | 4  |
| 5  | 11 23             | 12 37            | 11 22            | 12 12             | 12 22             | 1 39               | 5  |
| 6  | 12 20             | 1 22             | 12 4             | 1 52              | 1 8               | 2 35               | 6  |
| 7  | 1 14              | 2 4              | 1 45             | 2 34              | 2 58              | 3 30               | 7  |
| 8  | 2 4               | 2 44             | 2 25             | 3 19              | 3 51              | 4 23               | 8  |
| 9  | 2 50              | 3 23             | 2 4              | 3 6               | 3 46              | 5 14               | 9  |
| 10 | 3 33              | 4 3              | 2 45             | 3 57              | 4 41              | 6 3                | 10 |
| 11 | 4 14              | 4 44             | 3 28             | 4 51              | 5 36              | 6 51               | 11 |
| 12 | 4 53              | 5 28             | 4 13             | 5 46              | 6 29              | 7 40               | 12 |
| 13 | 5 32              | 6 15             | 5 2              | 6 43              | 7 20              | 8 30               | 13 |
| 14 | 6 13              | 7 6              | 5 55             | 7 38              | 8 10              | 9 23               | 14 |
| 15 | 6 55              | 8 1              | 6 50             | 8 33              | 9 0               | 10 19              | 15 |
| 16 | 7 41              | 8 59             | 7 48             | 9 26              | 9 51              | 11 18              | 16 |
| 17 | 8 30              | 9 59             | 8 47             | 10 18             | 10 44             | morn               | 17 |
| 18 | 9 34              | 10 59            | 9 44             | 11 10             | 11 40             | 0 20               | 18 |
| 19 | 10 21             | 11 56            | 10 39            | morn              | morn              | 1 20               | 19 |
| 20 | 11 21             | morn             | 11 33            | 0 3               | 0 40              | 2 19               | 20 |
| 21 | morn              | 0 50             | morn             | 0 59              | 1 41              | 3 12               | 21 |
| 22 | 0 20              | 1 43             | 0 26             | 1 57              | 2 42              | 4 1                | 22 |
| 23 | 1 17              | 2 34             | 1 19             | 2 57              | 3 41              | 4 46               | 23 |
| 24 | 2 12              | 3 25             | 2 13             | 3 57              | 4 37              | 5 27               | 24 |
| 25 | 3 3               | 4 18             | 3 8              | 4 57              | 5 27              | 6 7                | 25 |
| 26 | 3 53              | 5 12             | 4 5              | 5 53              | 6 13              | 6 47               | 26 |
| 27 | 4 42              | 6 7              | 5 4              | 6 45              | 6 56              | 7 27               | 27 |
| 28 | 5 32              | 7 4              | 6 2              | 7 32              | 7 37              | 8 8                | 28 |
| 29 | 6 23              |                  | 6 59             | 8 17              | 8 16              | 8 53               | 29 |
| 30 | 7 16              |                  | 7 53             | 8 58              | 8 55              | 9 40               | 30 |
| 31 | 8 11              |                  | 8 42             |                   | 9 37              |                    | 31 |

all the Months of the Year, very necessary for all  
especially and more worthy of Notice to Sea-

| M  | July    | August | Sept.  | Oct.   | Nov.   | Dec.   | M  |
|----|---------|--------|--------|--------|--------|--------|----|
| D  | h m     | h m    | h m    | h m    | h m    | h m    | D  |
| 1  | 10 m 31 | o a 3  | 1 a 26 | 1 a 59 | 3 a 50 | 4 a 25 | 1  |
| 2  | 11 26   | o 56   | 2 17   | 2 56   | 4 50   | 5 16   | 2  |
| 3  | o a 22  | 1 49   | 3 8    | 3 55   | 5 47   | 6 1    | 3  |
| 4  | 1 18    | 2 39   | 4 1    | 4 56   | 6 40   | 6 44   | 4  |
| 5  | 2 13    | 3 28   | 4 57   | 5 57   | 7 27   | 7 24   | 5  |
| 6  | 3 5     | 4 17   | 5 55   | 6 55   | 8 11   | 8 3    | 6  |
| 7  | 3 55    | 5 7    | 6 54   | 7 50   | 8 52   | 8 42   | 7  |
| 8  | 4 44    | 5 59   | 7 54   | 8 40   | 9 32   | 9 23   | 8  |
| 9  | 5 31    | 6 55   | 8 51   | 9 26   | 10 12  | 10 6   | 9  |
| 10 | 6 20    | 7 53   | 9 44   | 10 9   | 10 52  | 10 51  | 10 |
| 11 | 7 11    | 8 53   | 10 33  | 10 50  | 11 34  | 11 40  | 11 |
| 12 | 8 4     | 9 52   | 11 19  | 11 30  | morn   | morn   | 12 |
| 13 | 9 1     | 10 48  | morn   | morn   | o 18   | o 32   | 13 |
| 14 | 10 1    | 11 41  | o 2    | o a 10 | 1 4    | 1 25   | 14 |
| 15 | 11 1    | morn   | o 43   | o 51   | 1 54   | 2 18   | 15 |
| 16 | morn    | o 30   | 1 23   | 1 34   | 2 46   | 3 10   | 16 |
| 17 | o o     | 1 15   | 2 3    | 2 19   | 3 39   | 4 o    | 17 |
| 18 | o 56    | 1 57   | 2 45   | 3 6    | 4 32   | 4 48   | 18 |
| 19 | 1 47    | 2 37   | 3 28   | 3 57   | 5 23   | 5 34   | 19 |
| 20 | 2 34    | 3 17   | 4 14   | 4 50   | 6 13   | 6 21   | 20 |
| 21 | 3 18    | 3 58   | 5 4    | 5 44   | 7 2    | 7 8    | 21 |
| 22 | 3 59    | 4 40   | 5 57   | 6 38   | 7 50   | 7 57   | 22 |
| 23 | 4 39    | 5 25   | 6 51   | 7 31   | 8 38   | 8 50   | 23 |
| 24 | 5 19    | 6 12   | 7 47   | 8 23   | 9 28   | 9 47   | 24 |
| 25 | 5 59    | 7 4    | 8 42   | 9 13   | 10 21  | 10 49  | 25 |
| 26 | 6 42    | 7 59   | 9 37   | 10 4   | 11 18  | 11 53  | 26 |
| 27 | 7 28    | 8 55   | 10 30  | 10 55  | o a 20 | o a 57 | 27 |
| 28 | 8 18    | 9 52   | 11 22  | 11 48  | 1 24   | 1 56   | 28 |
| 29 | 9 11    | 10 49  | o a 13 | o a 44 | 2 28   | 2 51   | 29 |
| 30 | 10 8    | 11 43  | 1 5    | 1 43   | 3 29   | 3 40   | 30 |
| 31 | 11 5    | o a 35 |        | 2 46   |        | 4 25   | 31 |

New Moon the 6th day, at 4 in the morning.  
 First Quarter the 14th day, at 4 in the morning.  
 Full Moon the 21st day, at 6 in the afternoon.  
 Last Quarter the 28th day, at 11 in the morning.

|    |    |    |
|----|----|----|
| 1  | 24 | 17 |
| 6  | 23 | 16 |
| 11 | 23 | 16 |
| 16 | 22 | D  |
| 21 | 22 | 17 |
| 26 | 22 | 17 |

| M  | W | Remarkable             | ☉  | ☽ Lon.   | ☽ rises | ♂  | ♀  | ☿  | Mut. Aspects |
|----|---|------------------------|----|----------|---------|----|----|----|--------------|
| D  | D | Days, &c.              | h  | gitude   | & sets  | h  | h  | h  | and Weather  |
| 1  | T | <b>Circumcision</b>    | 11 | 12m 19   | 2 m 40  | 11 | 12 | R  | Fine temper- |
| 2  | W |                        | 12 | 26 12    | 4 3     | 11 | 13 | 28 | ate weather  |
| 3  | T |                        | 13 | 9 57     | 5 28    | 12 | 14 | 28 | begins the   |
| 4  | F |                        | 14 | 23 34    | 6 48    | 13 | 15 | 28 | Δ 4 ♀        |
| 5  | S | Old Christ. d.         | 15 | 6 59     | 7 55    | 13 | 17 | 27 | new year.    |
| 6  | F | <b>Epiph.</b> 12 day   | 16 | 20 12    | sets    | 14 | 18 | 27 | Δ 0 4        |
| 7  | M | Plow Mond.             | 17 | 3 10     | 5 a 8   | 14 | 19 | 26 |              |
| 8  | T | Lucian                 | 18 | 15 52    | 6 20    | 15 | 20 | 25 | Frost        |
| 9  | W |                        | 19 | 28 18    | 7 35    | 16 | 22 | 24 | 8 h ♂, 6 ♀   |
| 10 | T |                        | 20 | 10 31    | 8 46    | 16 | 23 | 22 | 6 0 ♂, 8 h ♀ |
| 11 | F |                        | 21 | 22 31    | 9 56    | 17 | 24 | 21 | and snow     |
| 12 | S | Old N.Y. day           | 22 | 4 24     | 11 5    | 17 | 25 | 20 | 8 0 h        |
| 13 | F | <b>S. Ep.</b> Hil.     | 23 | Ca. T. b | morn    | 18 | 27 | 18 | □ 8 ♂        |
| 14 | M | Oxford T. be.          | 24 | 28 4     | 0 12    | 19 | 28 | 17 | Δ 4 ♂        |
| 15 | T |                        | 25 | 10 8     | 1 23    | 19 | 29 | 16 | may now be   |
| 16 | W |                        | 26 | 22 13    | 2 35    | 20 | 30 | 15 | expected.    |
| 17 | T | Old 12th day           | 28 | 4 42     | 3 50    | 20 | 2  | 14 |              |
| 18 | F | <b>Q. Ch. b. d. k.</b> | 29 | 17 31    | 5 3     | 21 | 3  | 14 |              |
| 19 | S | [Prisca                | 30 | 0 45     | 6 16    | 22 | 4  | 13 | □ h ♂        |
| 20 | F | <b>Sept.</b> Fab.      | 1  | 14 24    | 7 17    | 22 | 6  | 13 | Cloudy, dull |
| 21 | M | Agnès                  | 2  | 28 26    | rises   | 23 | 7  | 12 | weather.     |
| 22 | T | Vincent                | 3  | 12 46    | 5 a 5   | 24 | 8  | D  |              |
| 23 | W | Term begins            | 4  | 27 19    | 6 32    | 24 | 9  | 12 |              |
| 24 | T |                        | 5  | 11 57    | 8 3     | 25 | 11 | 12 |              |
| 25 | F | <b>Conv. St. Paul</b>  | 6  | 26 32    | 9 28    | 25 | 12 | 13 |              |
| 26 | S |                        | 7  | 11 0     | 10 53   | 26 | 13 | 13 | Seasonable   |
| 27 | F | <b>Sexag. S. Pr.</b>   | 8  | 25 16    | morn    | 27 | 14 | 14 | weather, and |
| 28 | M | <b>[Aug. Fr. b.]</b>   | 9  | 9 18     | 0 19    | 27 | 16 | 14 | not much     |
| 29 | T |                        | 10 | 23 7     | 1 43    | 28 | 17 | 15 | □ 4 ♀        |
| 30 | W | <b>K. Ch. J. mar.</b>  | 11 | 6 42     | 3 8     | 29 | 18 | 16 | downfall.    |
| 31 | T |                        | 12 | 20 5     | 4 26    | 29 | 19 | 16 |              |

SEASON.

JANUARY, 1799.

Occurrences, foretold like Weather,  
Shall wisely pass for Truth together :  
The ruling Stars will shew their Force,  
And cast a Lady from her Horse.  
Another, of a great Estate,  
This Month shall prove unfortunate.

| M  | Oriles | lets |
|----|--------|------|
| D  | h m    | h m  |
| 1  | 8 53   | 55   |
| 2  | 8 43   | 56   |
| 3  | 8 33   | 57   |
| 4  | 8 33   | 57   |
| 5  | 8 23   | 58   |
| F  | 8 13   | 59   |
| 7  | 8 04   | 0    |
| 8  | 7 59   | 4    |
| 9  | 7 58   | 4    |
| 10 | 7 57   | 4    |
| 11 | 7 56   | 4    |
| 12 | 7 55   | 4    |
| F  | 7 54   | 4    |
| 14 | 7 53   | 4    |
| 15 | 7 52   | 4    |
| 16 | 7 51   | 4    |
| 17 | 7 49   | 4    |
| 18 | 7 48   | 4    |
| 19 | 7 47   | 4    |
| F  | 7 45   | 4    |
| 21 | 7 44   | 4    |
| 22 | 7 42   | 4    |
| 23 | 7 41   | 4    |
| 24 | 7 40   | 4    |
| 25 | 7 38   | 4    |
| 26 | 7 37   | 4    |
| F  | 7 35   | 4    |
| 28 | 7 33   | 4    |
| 29 | 7 32   | 4    |
| 30 | 7 30   | 4    |
| 31 | 7 28   | 4    |

OBSERVATIONS.

Of the WISDOM of GOD in his WORKS ;  
*Continued from our last.*

On the TAILS of COMETS.

THE book under examination is Dr. Priestley's History of Electricity: Signior Beccaria has, with great ingenuity, mixed sometimes with a little spice of peccable extravagance, the frequent concomitant of genius, ranged almost all the meteoric phenomena under the banners of electricity; from the *Will-o'-th'-Wisp* to the *Aurora Borealis*. Had we room or inclination to theorise on this subject, at the same time that, with other electricians, we allowed the electric fluid to be the cause of this last phenomenon, we should be for extending its connection still further, and attempt to shew the possibility, at least, of its near relation to, if not its identity with, that luminous matter which forms the solar atmosphere, and produces the phenomenon called the *Zodiacal Light*; which is thrown off principally, and to the greatest distance from the equatorial parts of the Sun, in consequence of his rotation on his axis,

10 FEBRUARY xxviii Days.

M | h | 24  
D | 25 | 8

New Moon the 4th day, at 8 at night.

First Quarter the 13th day, at 1 in the morning.

Full Moon the 20th day, at 5 in the morning.

Last Quarter the 26th day, at 8 at night.

1 | 21 | 17  
6 | 21 | 18  
11 | 20 | 18  
16 | 20 | 19  
21 | 20 | 19  
26 | 20 | 20

| M  | W | Remarkable            | ☉  | lon-     | ris    | ♂  | ♀  | ♂  | Mut. Aspects  |
|----|---|-----------------------|----|----------|--------|----|----|----|---------------|
| D  | D | Days, &c.             | ☿  | gitude   | & sets | ☿  | ☿  | ☿  | and Weather.  |
| 1  | F |                       | 13 | 3 1/2 18 | 5 m 37 | 30 | 21 | 17 | △ 4 8         |
| 2  | S | <b>Pur. or Candi.</b> | 14 | 16 19    | 6 36   | 8  | 22 | 18 |               |
| 3  | F | <b>Shro. S. Blase</b> | 15 | 29 10    | 7 26   | 1  | 23 | 19 | Cold winds,   |
| 4  | M |                       | 16 | 11 50    | sets   | 2  | 24 | 20 | 8 h 8         |
| 5  | T | <b>Shr. T. Agath.</b> | 17 | 24 18    | 5 a 12 | 2  | 26 | 21 | with some     |
| 6  | W | <b>Ash Wednesd.</b>   | 18 | 6 35     | 6 24   | 3  | 27 | 22 | ☐ ☉ 4         |
| 7  | T |                       | 19 | 18 41    | 7 36   | 4  | 28 | 23 | frosts.       |
| 8  | F |                       | 20 | 0 38     | 8 46   | 4  | 29 | 25 |               |
| 9  | S |                       | 21 | 12 29    | 9 53   | 5  | 30 | 26 |               |
| 10 | F | <b>2 S. in Lent</b>   | 22 | 24 16    | 11 3   | 5  | 2  | 27 | Temperate,    |
| 11 | M |                       | 23 | 6 8      | morn   | 6  | 3  | 28 | and more      |
| 12 | T | Term ends             | 24 | 18 0     | 0 13   | 7  | 4  | ☿  | open.         |
| 13 | W | <b>Emb. W. Old</b>    | 25 | 0 11 8   | 1 26   | 7  | 6  | 1  |               |
| 14 | T | Valent. [Can.         | 26 | 12 33    | 2 40   | 8  | 7  | 2  |               |
| 15 | F |                       | 27 | 25 20    | 3 51   | 9  | 8  | 4  | * ♂ ♀         |
| 16 | S |                       | 28 | 8 35     | 4 58   | 9  | 9  | 5  | Cold winds    |
| 17 | F | <b>2 S. in Lent</b>   | 29 | 22 18    | 5 53   | 10 | 11 | 6  | begin to      |
| 18 | M |                       | 30 | 6 29     | 6 36   | 10 | 12 | 8  | blow.         |
| 19 | T |                       | 1  | 21 5     | 7 6    | 11 | 13 | 9  |               |
| 20 | W |                       | 2  | 5 m 58   | rises  | 12 | 14 | 11 |               |
| 21 | T |                       | 3  | 21 0     | 7 a    | 1  | 12 | 16 | ☐ ♂ 8         |
| 22 | F |                       | 4  | 6 1      | 8 31   | 13 | 17 | 14 | Some snow,    |
| 23 | S | [chias                | 5  | 20 52    | 9 59   | 14 | 18 | 15 | or rain,      |
| 24 | F | <b>3 S. Lt. Mat-</b>  | 6  | 5 m 26   | 11 29  | 14 | 19 | 17 | * h 2, △ h 8, |
| 25 | M | <b>[Pr. A. F. b.</b>  | 7  | 19 40    | morn   | 15 | 21 | 18 | [* 4 8        |
| 26 | T |                       | 8  | 3 33     | 0 56   | 15 | 22 | 20 | ☐ 4 8         |
| 27 | W |                       | 9  | 17 6     | 2 19   | 16 | 23 | 21 | near the end. |
| 28 | T |                       | 10 | 0 20     | 3 34   | 17 | 24 | 23 |               |

Ships shall be heard of, cast away,  
 And many Lives be lost at Sea ;  
 A Widow shall a Stranger wed,  
 And a young Wife be brought to Bed :  
 But, by the Moon looking so horn'd,  
 A Husband's Head shall be adorn'd.

| M     | ☉ rises | ☉ sets |
|-------|---------|--------|
| D h m | h m     | h m    |

## OBSERVATIONS.

|     |    |   |    |  |
|-----|----|---|----|--|
| 17  | 27 | 4 | 33 | axis, extending visibly, in the form of a                |
| 27  | 25 | 4 | 35 | luminous pyramid, as far as the orbit of                 |
| F 7 | 23 | 4 | 37 | the Earth; and which, according to                       |
| 47  | 22 | 4 | 38 | <i>M. de Mairan's</i> ingenious, and, at least,          |
| 57  | 20 | 4 | 40 | plausible hypothesis, falling into the upper             |
| 67  | 18 | 4 | 42 | regions of our atmosphere, is collected                  |
| 77  | 16 | 4 | 44 | chiefly towards the polar parts of the                   |
| 87  | 14 | 4 | 46 | Earth, in consequence of the diurnal re-                 |
| 97  | 13 | 4 | 47 | volutions, where it forms the <i>Aurora</i>              |
| F 7 | 11 | 4 | 49 | <i>Borealis</i> . It would, we think, be no very         |
| 117 | 9  | 4 | 51 | bad hypothesis which should unite these                  |
| 127 | 7  | 4 | 53 | two opinions, by considering the SUN as                  |
| 137 | 5  | 4 | 55 | the fountain of the electric fluid, and the              |
| 147 | 3  | 4 | 57 | <i>zodiacal light, the tails of comets, the Aurora</i>   |
| 157 | 1  | 4 | 59 | <i>Borealis, lightning</i> , and artificial electricity, |
| 167 | 0  | 5 | 0  | as its various, and not very dissimilar                  |
| F 6 | 58 | 5 | 2  | modifications. Indeed the appearances of                 |
| 186 | 56 | 5 | 4  | the tail of a Comet resemble electrical                  |
| 196 | 54 | 5 | 6  | coruscations, more than any thing of which               |
| 206 | 52 | 5 | 8  | we have an idea, but mostly that produced                |
| 216 | 50 | 5 | 10 | <i>in vacuo</i> ; as the flame seems, through a          |
| 226 | 48 | 5 | 12 | telescope, perpetually to shoot out in straight          |
| 236 | 46 | 5 | 14 | lines, of a pale silver hue, lengthening and             |
| F 6 | 44 | 5 | 16 | shortening at each instant, and forming                  |
| 256 | 42 | 5 | 18 | frequently some of the configurations which              |
| 266 | 40 | 5 | 20 | the <i>Aurora Borealis</i> assumes. There has            |
| 276 | 38 | 5 | 22 | been   |
| 286 | 36 | 5 | 24 |  |

New Moon the 6th day, at 2 in the afternoon.  
First Quarter the 14th day, at 6 in the afternoon.  
Full Moon the 21st day, at 3 in the afternoon.  
Last Quarter the 28th day, at 8 in the morning.

1 20 20  
6 19 21  
11 19 22  
16 19 23  
21 D 24  
26 19 25

| M  | W | Remarkable     | ☉  | ☽      | ☽      | ☽  | ☽  | ☽  | Mut. Aspects  |
|----|---|----------------|----|--------|--------|----|----|----|---------------|
| D  | D | Days, &c.      | ☾  | gitude | & sets | ☽  | ☾  | ☽  | and Weather   |
| 1  | F | David          | 11 | 13 17  | 4m 36  | 17 | 26 | 25 |               |
| 2  | S | Chad.          | 12 | 26 2   | 5 24   | 18 | 27 | 26 | Windy, and    |
| 3  | F | Mid-Lent S.    | 13 | 8 34   | 5 56   | 19 | 28 | 28 | unsettled.    |
| 4  | M |                | 14 | 20 57  | 6 21   | 19 | 29 | ☾  | * h ☽         |
| 5  | T |                | 15 | 3 10   | 6 40   | 20 | ☽  | 1  | weather.      |
| 6  | W |                | 16 | 15 15  | fets   | 21 | 2  | 3  |               |
| 7  | T | Perpetua       | 17 | 27 13  | 6 a 36 | 21 | 3  | 5  | ☽ 4 ☽         |
| 8  | F |                | 18 | 9 5    | 7 46   | 22 | 4  | 6  | Rain this     |
| 9  | S |                | 19 | 20 53  | 8 54   | 22 | 6  | 8  | ☽ ☽ h week    |
| 10 | F | 5 S. in Lent   | 20 | 2 40   | 10 5   | 23 | 7  | 10 | you need not  |
| 11 | M |                | 21 | 14 29  | 11 18  | 24 | 8  | 12 | seek.         |
| 12 | T | Gregory        | 22 | 26 25  | morn   | 24 | 9  | 14 | * ☽ 4         |
| 13 | W |                | 23 | 8 31   | 0 30   | 25 | 10 | 15 |               |
| 14 | T |                | 24 | 20 53  | 1 42   | 26 | 12 | 17 | March winds,  |
| 15 | F | Cam. T. ends   | 25 | 13 35  | 2 51   | 26 | 13 | 19 | ☽ h ☽         |
| 16 | S | Oxf. T. ends   | 26 | 16 44  | 3 48   | 27 | 14 | 21 | high and      |
| 17 | F | Palm S. Patr.  | 27 | 0 21   | 4 34   | 28 | 15 | 23 | * 4 ☽         |
| 18 | M | [Ed. K. W. S.] | 28 | 14 28  | 5 10   | 28 | 17 | 25 | dry.          |
| 19 | T |                | 29 | 29 2   | 5 35   | 29 | 18 | 27 | * ☽ ☽         |
| 20 | W | [Thurs.]       | ☽  | 3 25   | 5 56   | 29 | 19 | 29 | ☽ h ☽, * ☽ ☽  |
| 21 | T | Bened. Maun.   | 1  | 29 11  | rises  | ☽  | 20 | ☽  | ☽ ☽ ☽         |
| 22 | F | Good Friday    | 2  | 14 26  | 7 a 33 | 1  | 22 | 3  | Some wet,     |
| 23 | S |                | 3  | 29 35  | 9 6    | 1  | 23 | 5  | with storms,  |
| 24 | F | Easter day     | 4  | 14 28  | 10 39  | 2  | 24 | 7  | now about.    |
| 25 | M | Lady d. Easter | 5  | 28 59  | morn   | 3  | 25 | 9  |               |
| 26 | T | East. T. [Mo.] | 6  | 13 6   | 0 8    | 3  | 27 | 11 |               |
| 27 | W |                | 7  | 26 47  | 1 30   | 4  | 28 | 13 | Small frosts. |
| 28 | F |                | 8  | 10 3   | 2 38   | 5  | 29 | 15 |               |
| 29 | T |                | 9  | 22 59  | 3 31   | 5  | 8  | 17 |               |
| 30 | S |                | 10 | 5 36   | 4 9    | 6  | 1  | 19 | ☽ h ☽         |
| 31 | F | Low Sunday.    | 11 | 17 59  | 4 35   | 6  | 3  | 21 |               |

A Lady who had lost her Lover,  
This Month shall him again recover;  
The Stars discover an Intrigue  
Of some beginning a new League,  
Who shall be mutually elated,  
Till their Desire be quite completed.

| M     | ☉ rises | ☉ sets |
|-------|---------|--------|
| D h m | h m     | h m    |

## OBSERVATIONS.

|    |   |    |   |    |   |
|----|---|----|---|----|---|
| 1  | 6 | 34 | 5 | 26 | been lately published a work by Dr. Hamilton, of Dublin, under the title of Philosophical Essays; in which this idea seems extremely well developed. The subject and substance of the Doctor's second essay is so full to our purpose, that we shall condense it into an epitome, and present it to our readers—Dr. Hamilton's essay has for its title, "Observations and Conjectures on the nature of the <i>Aurora Borealis</i> , and the <i>Tails of Comets</i> ." The author differs from Sir Isaac Newton concerning the nature of the tails of Comets; and endeavours to prove that they are composed of a lucid, or self-shining substance, and not a mere cloud or vapour, illuminated only by the Sun. This luminous matter he supposes to be the same with that which causes the <i>Aurora Borealis</i> , and the phenomena of electricity. The great body of luminous matter which appears in an <i>Aurora Borealis</i> , says this author, being so very extensive, and sometimes so very bright, must be visible to a spectator at a considerable distance from the Earth, and shaded from the Sun's light; and such a spectator would then see the Earth attended by a train of light in the form of a tail, &c.<br><i>Electric</i> |
| 2  | 6 | 32 | 5 | 28 |   |
| F  | 6 | 30 | 5 | 30 |   |
| 4  | 6 | 29 | 5 | 31 |   |
| 5  | 6 | 27 | 5 | 33 |   |
| 6  | 6 | 25 | 5 | 35 |   |
| 7  | 6 | 23 | 5 | 37 |   |
| 8  | 6 | 21 | 5 | 39 |   |
| 9  | 6 | 19 | 5 | 41 |   |
| F  | 6 | 17 | 5 | 43 |   |
| 11 | 6 | 15 | 5 | 45 |   |
| 12 | 6 | 13 | 5 | 47 |   |
| 13 | 6 | 11 | 5 | 49 |   |
| 14 | 6 | 9  | 5 | 51 |   |
| 15 | 6 | 7  | 5 | 53 |   |
| 16 | 6 | 5  | 5 | 55 |   |
| F  | 6 | 3  | 5 | 57 |   |
| 18 | 6 | 1  | 5 | 59 |   |
| 19 | 5 | 59 | 6 | 1  |   |
| 20 | 5 | 57 | 6 | 3  |   |
| 21 | 5 | 55 | 6 | 5  |   |
| 22 | 5 | 53 | 6 | 7  |   |
| 23 | 5 | 51 | 6 | 9  |   |
| F  | 5 | 49 | 6 | 11 |   |
| 25 | 5 | 47 | 6 | 13 |   |
| 26 | 5 | 45 | 6 | 15 |   |
| 27 | 5 | 43 | 6 | 17 |   |
| 28 | 5 | 41 | 6 | 19 |   |
| 29 | 5 | 39 | 6 | 21 |   |
| 30 | 5 | 37 | 6 | 23 |   |
| F  | 5 | 35 | 6 | 25 |   |

New Moon the 5th day, at 7 in the morning.

First Quarter the 13th day, at 8 in the morning.

Full Moon the 19th day, at midnight.

Last Quarter the 26th day, at 9 at night.

1 19 26  
8 19 27  
11 20 28  
16 20 29  
21 20 11  
26 20 1

| M  | W | Remarkable       | ☉  | Longitude | Rises & sets | ♂  | ♀  | ☿  | Mut. Aspects and Weather |
|----|---|------------------|----|-----------|--------------|----|----|----|--------------------------|
| D  | D | Days, &c.        | ☿  |           |              | 11 | 8  | ☿  |                          |
| 1  | M |                  | 12 | 0 10      | 4 m 46       | 7  | 4  | 23 |                          |
| 2  | T | [& Ca. T. b.     | 13 | 12 12     | 5 11         | 8  | 5  | 25 | Wetish,                  |
| 3  | W | Richard. Ox.     | 14 | 24 8      | 5 23         | 8  | 6  | 27 | changeable               |
| 4  | T | Ambrose          | 15 | 5 59      | 5 35         | 9  | 8  | 29 | weather.                 |
| 5  | F | Old Lady day     | 16 | 17 48     | sets         | 10 | 9  | 8  |                          |
| 6  | S |                  | 17 | 29 36     | 8 a. 0       | 10 | 10 | 2  |                          |
| 7  | F | 2 S. aft. Easter | 18 | 11 8 25   | 9 12         | 11 | 11 | 4  | Some cold                |
| 8  | M |                  | 19 | 23 19     | 10 28        | 11 | 12 | 6  | winds                    |
| 9  | T |                  | 20 | 5 11 19   | 11 42        | 12 | 14 | 7  | ☉ ☿                      |
| 10 | W | Term begins      | 21 | 17 30     | morn         | 13 | 15 | 9  | about this               |
| 11 | T |                  | 22 | 29 54     | 0 50         | 13 | 16 | 10 | time.                    |
| 12 | F |                  | 23 | 12 37     | 1 51         | 14 | 17 | 12 |                          |
| 13 | S |                  | 24 | 25 41     | 2 40         | 15 | 19 | 13 |                          |
| 14 | F | 3 S. aft. Easter | 25 | 9 11      | 3 18         | 15 | 20 | 14 | * ♀                      |
| 15 | M |                  | 26 | 23 6      | 3 44         | 16 | 21 | 15 | Fine for the             |
| 16 | T |                  | 27 | 7 29      | 4 7          | 17 | 22 | 16 | season.                  |
| 17 | W |                  | 28 | 22 14     | 4 26         | 17 | 23 | 17 |                          |
| 18 | T |                  | 29 | 7 24      | 4 41         | 18 | 25 | 18 |                          |
| 19 | F | Alphege          | 30 | 22 29     | rises        | 18 | 26 | 19 |                          |
| 20 | S |                  | 1  | 7 40      | 8 a 10       | 19 | 27 | 19 | Windy now                |
| 21 | F | 4 S. aft. Easter | 2  | 22 41     | 9 46         | 20 | 28 | 20 | * ♀                      |
| 22 | M |                  | 3  | 7 24      | 11 14        | 20 | 21 | 20 | ♂ 24 ♀                   |
| 23 | T | St. George.      | 4  | 21 43     | morn         | 21 | 1  | 21 | about.                   |
| 24 | W |                  | 5  | 5 35      | 0 32         | 22 | 2  | 21 |                          |
| 25 | T | St. Mark, Pres.  | 6  | 19 1      | 1 34         | 22 | 3  | 21 |                          |
| 26 | F | [Ma. b.          | 7  | 2 2       | 2 17         | 23 | 4  | 21 |                          |
| 27 | S |                  | 8  | 14 41     | 2 47         | 23 | 6  | 21 | Showers                  |
| 28 | F | Regation 2.      | 9  | 27 2      | 3 9          | 24 | 7  | 21 | near the                 |
| 29 | M |                  | 10 | 9 9       | 3 25         | 25 | 8  | 21 | * ♀                      |
| 30 | T |                  | 11 | 21 6      | 3 39         | 25 | 9  | 20 | end.                     |

This Month, poor Miss shall crack her China,  
 And Maiden-Hearts be touch'd by many;  
 A Monkey shall be taken sick,  
 And little Dear forbear to lick;  
 But Doctors, of good Skill and Parts,  
 Shall heal their Wounds, and ease their Hearts.

| M | ☉ rises | ☉ sets |
|---|---------|--------|
| D | h m     | h m    |

## OBSERVATIONS.

|    |   |    |   |    |   |
|----|---|----|---|----|---|
| 1  | 5 | 33 | 6 | 27 | <i>Electric matter appears to be of the same kind of substance which forms the Aurora Borealis, and the tails of Comets; by its having also that remarkable property of letting the rays of light pass through it, without having any sort of effect upon them.—Now the extraordinary rarity of Comets' tails may be collected, says Sir Isaac Newton, from the Stars shining through them; for the smallest Stars are observed to shine without loss of splendour through tails which are of an immense thickness.—Dr. Hamilton has given to Comets a quite different employment from that allotted to them by Sir Isaac Newton, who made them water-carriers, loading them with vapours and moisture, to supply the losses of the several parts of the solar system through which they were destined to pass. But the Doctor, on the contrary, supposes it their business to collect and bring back to the Sun and Planets the electric fluid which is constantly flying off into the higher regions of the heavens, beyond the orbit of Saturn.—We see this fluid rises from the earth into the atmosphere, and is probably going off from thence, when it appears in the Aurora Borealis.</i> |
| 2  | 5 | 31 | 6 | 29 |   |
| 3  | 5 | 29 | 6 | 31 |   |
| 4  | 5 | 27 | 6 | 33 |   |
| 5  | 5 | 25 | 6 | 35 |   |
| 6  | 5 | 23 | 6 | 37 |   |
| F  | 5 | 21 | 6 | 39 |   |
| 8  | 5 | 19 | 6 | 41 |   |
| 9  | 5 | 17 | 6 | 43 |   |
| 10 | 5 | 16 | 6 | 44 |   |
| 11 | 5 | 14 | 6 | 46 |   |
| 12 | 5 | 12 | 6 | 48 |   |
| 13 | 5 | 10 | 6 | 50 |   |
| F  | 5 | 8  | 6 | 52 |   |
| 15 | 5 | 6  | 6 | 54 |   |
| 16 | 5 | 4  | 6 | 56 |   |
| 17 | 5 | 2  | 6 | 58 |   |
| 18 | 5 | 0  | 7 | 0  |   |
| 19 | 4 | 58 | 7 | 2  |   |
| 20 | 4 | 57 | 7 | 3  |   |
| F  | 4 | 55 | 7 | 5  |   |
| 22 | 4 | 53 | 7 | 7  |   |
| 23 | 4 | 51 | 7 | 9  |   |
| 24 | 4 | 49 | 7 | 11 |   |
| 25 | 4 | 47 | 7 | 13 |   |
| 26 | 4 | 45 | 7 | 15 |   |
| 27 | 4 | 44 | 7 | 16 |   |
| F  | 4 | 42 | 7 | 18 |   |
| 29 | 4 | 40 | 7 | 20 |   |
| 30 | 4 | 38 | 7 | 22 |   |

New Moon the 4th day, at midnight.

First Quarter the 12th day, at 5 in the afternoon.

Full Moon the 19th day, at 8 in the morning.

Last Quarter the 26th day, at 11 in the morning.

|    |    |   |
|----|----|---|
| 1  | 21 | 2 |
| 6  | 21 | 3 |
| 11 | 22 | 5 |
| 16 | 22 | 6 |
| 21 | 22 | 7 |
| 26 | 23 | 8 |

| M  | W | Remarkable      | ☉  | ☽  | lon-<br>gitude | ☽  | rises | ☽  | ☽  | ☽  | Mut. Aspects<br>and Weather |
|----|---|-----------------|----|----|----------------|----|-------|----|----|----|-----------------------------|
| D  | D | Days, &c.       | h  | h  |                | h  |       | h  | h  | h  |                             |
| 1  | W | St. Phil. & J.  | 11 | 2  | 56             | 3  | m 51  | 26 | 10 | 20 |                             |
| 2  | T | Afc. Holy Th.   | 12 | 14 | 44             | 4  | 1 27  | 12 | 20 |    | Cold winds                  |
| 3  | F | Inv. of Crofs   | 13 | 26 | 32             | 4  | 13 27 | 13 | 19 |    | now about.                  |
| 4  | S |                 | 14 | 18 | 8 23           |    | fets  | 28 | 14 | 19 |                             |
| 5  | F | S. after Afc.   | 15 | 20 | 19             | 8  | a 23  | 29 | 15 | 18 |                             |
| 6  | M | John Evang.     | 16 | 2  | 21             | 9  | 35 29 | 16 | 17 |    |                             |
| 7  | T | [Term ends      | 17 | 14 | 33             | 10 | 46 28 | 18 | 17 |    | ☉ ☽                         |
| 8  | W |                 | 18 | 26 | 55             | 11 | 50 0  | 19 | 16 |    |                             |
| 9  | T | Oxf. T. ends    | 19 | 9  | 31             |    | morn  | 1  | 20 | 16 | Some showers,               |
| 10 | F |                 | 20 | 22 | 22             | 0  | 43    | 2  | 21 | 15 | but fine for                |
| 11 | S | [May day        | 21 | 5  | 30             | 1  | 23    | 2  | 22 | 15 | the season.                 |
| 12 | F | W. it S. Old    | 22 | 18 | 58             | 1  | 53    | 3  | 24 | 14 | * ☉ h                       |
| 13 | M | Whit Mond.      | 23 | 2  | 46             | 2  | 16    | 4  | 25 | 13 |                             |
| 14 | T | Whit Tuesd.     | 24 | 16 | 54             | 2  | 34    | 4  | 26 | 13 |                             |
| 15 | W | Ember Week      | 25 | 1  | 22             | 2  | 49    | 5  | 27 | 13 |                             |
| 16 | T |                 | 26 | 16 | 5              | 3  | 4     | 5  | 28 | 12 |                             |
| 17 | F | Prs. Wales b.   | 27 | 0  | m 59           | 3  | 19    | 6  | 28 | 12 | Weather                     |
| 18 | S |                 | 27 | 15 | 56             | 3  | 36    | 7  | 1  | 12 | rather cool.                |
| 19 | F | Trinity Sund.   | 28 |    | Dunst.         |    | rises | 7  | 2  | 12 |                             |
| 20 | M | [Q. Ch. b. d.   | 29 | 15 | 29             | 10 | a 9   | 8  | 3  | D  |                             |
| 21 | T |                 | 29 | 13 | 51             | 11 | 20    | 9  | 4  | 12 |                             |
| 22 | W | Prs. Elizab. b. | 1  | 13 | 49             |    | morn  | 9  | 6  | 12 | Ox. T. begins.              |
| 23 | T | Corpus Chrisf.  | 2  | 27 | 21             | 0  | 12    | 10 | 7  | 12 |                             |
| 24 | F | Term begins     | 3  | 10 | 28             | 0  | 49    | 11 | 8  | 12 |                             |
| 25 | S |                 | 4  | 23 | 11             | 1  | 14    | 11 | 9  | 13 | Frequent                    |
| 26 | F | S. Tr. Aug.     | 5  | 5  | 34             | 1  | 32    | 12 | 10 | 13 | showers near                |
| 27 | M | Ven. Bede       | 6  | 17 | 42             | 1  | 46    | 12 | 11 | 14 | the end of                  |
| 28 | T |                 | 7  | 29 | 38             | 1  | 59    | 13 | 13 | 14 | ☉ ☽ ☽                       |
| 29 | W | K. Ch. II. ref  | 8  | 11 | 28             | 2  | 10    | 14 | 14 | 15 | the month.                  |
| 30 | T |                 | 9  | 23 | 15             | 2  | 20    | 14 | 15 | 16 | ☉ ☉ 4                       |
| 31 | F |                 | 10 | 5  | 8 5            | 2  | 33    | 15 | 16 | 16 | * ☽ ☽                       |

Strephon, this Month, shall be forsworn,  
 And Celia merit Damon's scorn.  
 A Person shall a Journey go,  
 Another shall detect his Foe :  
 But, by the Omens of the Sky,  
 Dangers to some are very nigh.

| M. ☉ rises |     | ☉ sets |     | OBSERVATIONS.   |
|------------|-----|--------|-----|---|
| D          | h m | h m    | h m |   |
| 1          | 4   | 37     | 7   | <i>Borealis.</i> And as this electric matter, from its vast subtilty and velocity, seems capable of making great excursions from the planetary system, the several Comets in their long excursions from the Sun, in all directions, may overtake this matter, and, attracting it to themselves, may come back replete with it; and, being again heated and excited by the Sun, may discharge and disperse it among the planets, and so keep up a circulation of this matter, which we have reason to think necessary in our system.—This does not seem far from Sir <i>Isaac Newton's</i> own opinion; for, after supposing that the aqueous particles thrown off from Comets are taken up by the planets, as a supply of moisture, he adds, "I suspect, moreover, that that spirit which is the least, but the most subtile, and the best part of our air, and is necessary for supporting the life of all things, comes chiefly from the Comets." <i>Dr. Halley</i> , so long since as the year 1716, in his description of a remarkable <i>Aurora Borealis</i> , says, that the great streams of light so much resemble the <i>tails of Comets</i> , that, at first sight, they might well be taken for such; and afterwards adds, "This light seems to have |
| 2          | 4   | 35     | 7   |   |
| 3          | 4   | 33     | 7   |   |
| 4          | 4   | 31     | 7   |   |
| F          | 4   | 30     | 7   |   |
| 6          | 4   | 28     | 7   |   |
| 7          | 4   | 26     | 7   |   |
| 8          | 4   | 25     | 7   |   |
| 9          | 4   | 23     | 7   |   |
| 10         | 4   | 21     | 7   |   |
| 11         | 4   | 20     | 7   |   |
| F          | 4   | 18     | 7   |   |
| 13         | 4   | 17     | 7   |   |
| 14         | 4   | 15     | 7   |   |
| 15         | 4   | 14     | 7   |   |
| 16         | 4   | 12     | 7   |   |
| 17         | 4   | 11     | 7   |   |
| 18         | 4   | 9      | 7   |   |
| F          | 4   | 8      | 7   |   |
| 20         | 4   | 7      | 7   |   |
| 21         | 4   | 5      | 7   |   |
| 22         | 4   | 4      | 7   |   |
| 23         | 4   | 3      | 7   |   |
| 24         | 4   | 2      | 7   |   |
| 25         | 4   | 0      | 8   |   |
| F          | 3   | 59     | 8   |   |
| 27         | 3   | 58     | 8   |   |
| 28         | 3   | 57     | 8   |   |
| 9          | 3   | 56     | 8   |   |
| 0          | 3   | 55     | 8   |   |
| 1          | 3   | 54     | 8   |   |

New Moon the 3d day, at 3 in the afternoon.  
First Quarter the 10th day, at 11 at night.  
Full Moon the 17th day, at 4 in the afternoon.  
Last Quarter the 25th day, at 3 in the morning.

1 24 9  
6 24 11  
11 25 12  
16 25 13  
21 26 14  
26 26 15

| M  | W | Remarkable Days, &c. | ☉  | D Lon-<br>gitude | D rise<br>& sets | ♂      | ♀  | ☿  | Mut. Aspects<br>and Weather |
|----|---|----------------------|----|------------------|------------------|--------|----|----|-----------------------------|
| D  | D |                      | 11 |                  |                  | ☾      | ☾  | 8  |                             |
| 1  | S | Nicomede             | 11 | 17 8             | 1                | 2m 45  | 16 | 17 | 17                          |
| 2  | F | 2 S. aft. Trin.      | 12 | 29               | 5                | 3      | 3  | 16 | 18                          |
| 3  | M |                      | 13 | 11 11            | 20               | sets   | 17 | 20 | 19                          |
| 4  | T | K. Geo. III. b.      | 14 | 23               | 48               | 9 a 42 | 17 | 21 | 20                          |
| 5  | W | Pr. Ern. Aug.        | 15 | 6 25             | 28               | 10     | 39 | 18 | 22                          |
| 6  | T | [Boniface]           | 16 | 19               | 23               | 11     | 22 | 19 | 23                          |
| 7  | F |                      | 17 | 2 12             | 31               | 11     | 56 | 19 | 24                          |
| 8  | S |                      | 18 | 15               | 53               | morn   | 20 | 25 | 24                          |
| 9  | F | 3 S. aft. Trin.      | 19 | 29               | 28               | 0      | 19 | 21 | 27                          |
| 10 | M |                      | 20 | 13 11            | 17               | 0      | 38 | 21 | 28                          |
| 11 | T | St. Barnabas         | 20 | 27               | 19               | 0      | 53 | 22 | 29                          |
| 12 | W | Term ends            | 21 | 11 2             | 32               | 1      | 7  | 22 | 30                          |
| 13 | T |                      | 22 | 25               | 55               | 1      | 21 | 23 | 1                           |
| 14 | F |                      | 23 | 10 m             | 26               | 1      | 37 | 24 | 2                           |
| 15 | S |                      | 24 | 24               | 59               | 1      | 56 | 24 | 4                           |
| 16 | F | 4 S. af. Trin.       | 25 | 9 4              | 31               | 2      | 20 | 25 | 5                           |
| 17 | M | St. Alban            | 26 | 23               | 55               | rises  | 26 | 6  | 8                           |
| 18 | T |                      | 27 | 8 15             | 5                | 9 a 55 | 26 | 7  | 9                           |
| 19 | W |                      | 28 | 21               | 57               | 10     | 40 | 27 | 8                           |
| 20 | T | Tr. Ed. K. W. S.     | 29 | 5 27             | 11               | 10     | 27 | 9  | 13                          |
| 21 | F | Longest day          | 30 | 18               | 34               | 11     | 31 | 28 | 10                          |
| 22 | S |                      | 1  | 1 12             | 19               | 11     | 48 | 29 | 12                          |
| 23 | F | 5 S. af. Trin.       | 2  | 13               | 43               | morn   | 29 | 13 | 19                          |
| 24 | M | Nat. J. Bapt.        | 3  | 25               | 52               | 0      | 0  | 14 | 21                          |
| 25 | T | [Midf.]              | 4  | 7 49             | 0                | 0      | 12 | 15 | 23                          |
| 26 | W |                      | 5  | 19               | 39               | 0      | 23 | 16 | 25                          |
| 27 | T |                      | 6  | 1 8              | 28               | 0      | 34 | 2  | 17                          |
| 28 | F |                      | 7  | 13               | 20               | 0      | 47 | 2  | 18                          |
| 29 | S | St. Peter            | 8  | 25               | 21               | 1      | 3  | 3  | 19                          |
| 30 | F | 6 S. aft. Trin.      | 9  | 7 11             | 33               | 1      | 23 | 4  | 21                          |

♂ h ♂

Some thun-  
der showers  
now about.

Cooling  
\* 14 ♀  
gales of  
wind.

Showers.

By th' Aspect of a Constellation,  
 A Fire shall happen in this Nation;  
 Many shall die of their Diseases;  
 And some, at Court, shall lose their Places.  
 And (by the Tail of Urfa Major)  
 Some of the bad will still grow pajor.

M ☉ rises ☉ sets  
 D h m h m

## OBSERVATIONS.

|     |    |   |    |   |
|-----|----|---|----|---|
| 13  | 53 | 8 | 7  | have a great affinity to that which the<br>effluvia of electric bodies emit in the<br>dark." This was the Doctor's conjecture;<br>but both he, and Sir <i>Isaac Newton</i> , had so<br>much of vaticination in all they said, that<br>their conjectures are found by posterity to<br>be little less than certainties.—Thus much<br>for the <i>tails of Comets</i> . |
| F 3 | 52 | 8 | 8  |   |
| 33  | 51 | 8 | 9  |   |
| 43  | 50 | 8 | 10 |   |
| 53  | 49 | 8 | 11 |   |
| 63  | 49 | 8 | 11 |   |
| 73  | 48 | 8 | 12 |   |
| 83  | 47 | 8 | 13 |   |
| F 3 | 47 | 8 | 13 |   |
| 103 | 46 | 8 | 14 |   |
| 113 | 45 | 8 | 15 |   |
| 123 | 45 | 8 | 15 |   |

*The Nature of COMETS.*

|     |    |   |    |   |
|-----|----|---|----|---|
| 133 | 44 | 8 | 16 | In respect to the nature of Comets, Sir<br><i>Isaac Newton</i> observes (as well as others<br>since, that they must be solid bodies, like<br>the planets; for, if they were nothing but<br>vapours, they must be dissipated when they<br>come near the Sun; for the Comet in<br>1680, when it was in its perihelion, was<br>less distant from the Sun than one-sixth of<br>the Sun's diameter; consequently the heat<br>of the Comet at that time was to the heat<br>of the summer Sun as 28000 to 1. But<br>the heat of boiling water is about three<br>times greater than the heat which dry<br>earth acquires from the summer Sun; and<br>the heat of red hot iron about three or four<br>times greater than the heat of boiling<br>water. Therefore the heat of dry earth at<br>the Comet, when in its perihelion, was<br>about |
| 143 | 44 | 8 | 16 |   |
| 153 | 44 | 8 | 16 |   |
| F 3 | 44 | 8 | 16 |   |
| 173 | 43 | 8 | 17 |   |
| 183 | 43 | 8 | 17 |   |
| 193 | 43 | 8 | 17 |   |
| 203 | 43 | 8 | 17 |   |
| 213 | 43 | 8 | 17 |   |
| 223 | 43 | 8 | 17 |   |
| F 3 | 43 | 8 | 17 |   |
| 243 | 43 | 8 | 17 |   |
| 253 | 43 | 8 | 17 |   |
| 263 | 44 | 8 | 16 |   |
| 273 | 44 | 8 | 16 |   |
| 283 | 44 | 8 | 16 |   |
| 293 | 44 | 8 | 16 |   |
| F 3 | 45 | 8 | 15 |   |

New Moon the 3d day, at 3 in the morning.  
First Quarter the 10th day, at 4 in the morning.  
Full Moon the 17th day, at 1 in the morning.  
Last Quarter the 24th day, at 9 at night.

1 27 16  
6 28 17  
11 28 19  
16 29 20  
21 30 21  
26 31 22

| M  | W | Remarkable     | ☉  | lon-     | ris    | ♂  | ♀     | ☿              | Mut. Aspects  |
|----|---|----------------|----|----------|--------|----|-------|----------------|---------------|
| D  | D | Days, &c.      | ☿  | gitude   | & sets | Ω  | Ω     | ☿              | and Weather   |
| 1  | M |                | 10 | 20 II 1  | 1 m 50 | 4  | 22    | 5              |               |
| 2  | T | Visit. Cam. C. | 10 | 2 25 45  | 2 29   | 5  | 23    | 8              | Fine, for the |
| 3  | W | Dog days be.   | 11 | 15 46    | sets   | 6  | 24    | 10             | hay harvest.  |
| 4  | T | Tra. St. Mart. | 12 | 29 4     | 9 a 52 | 6  | 25    | 12             | ♂ ☉ ☿         |
| 5  | F | Cam. T. ends   | 13 | 12 Ω 36  | 10 17  | 7  | 26    | 14             |               |
| 6  | S | [Old Midf.     | 14 | 26 20    | 10 38  | 8  | 27    | 16             |               |
| 7  | F | S. Tr. Tho.    | 15 | 10 m 13  | 10 54  | 8  | 28    | 18             |               |
| 8  | M | Ox. A. [à Bec. | 16 | 24 12    | 11 9   | 9  | 29    | 21             |               |
| 9  | T |                | 17 | 8 17     | 11 22  | 9  | m 23  |                | Fair and hot  |
| 10 | W |                | 18 | 22 24    | 11 37  | 10 | 2 24  |                | about         |
| 11 | T |                | 19 | 6 m 34   | 11 55  | 11 | 3 27  | ♂ ♀ ☿          |               |
| 12 | F |                | 20 | 20 45    | morn   | 11 | 4 29  |                | this time.    |
| 13 | S | Oxf. T. ends   | 21 | 4 f 54   | 0 15   | 12 | 5 Ω   |                |               |
| 14 | F | S. af. Tr      | 22 | 19 1     | 0 45   | 13 | 6 3   |                |               |
| 15 | M | Swithin        | 23 | 3 1/2 0  | 1 28   | 13 | 7 5   |                | Windy, but    |
| 16 | T |                | 24 | 16 49    | 2 25   | 14 | 8 7   |                | not bad       |
| 17 | W |                | 25 | 0 m 24   | rises  | 14 | 9 9   |                | weather.      |
| 18 | T |                | 26 | 13 42    | 9 a 37 | 15 | 10 10 |                |               |
| 19 | F |                | 27 | 26 41    | 9 47   | 16 | 11 12 |                |               |
| 20 | S | Margaret       | 28 | 9 X 20   | 10 2   | 16 | 12 14 |                |               |
| 21 | F | S. af. Trin    | 29 | 21 43    | 10 14  | 17 | 14 16 |                | Wind and      |
| 22 | M | Magdalen       | Ω  | 3 v 50   | 10 25  | 18 | 15 17 | ♂ ☉ ♀, ♂ ☿ ☿   |               |
| 23 | T |                | 1  | 15 46    | 10 37  | 18 | 16 19 |                | rain, if not  |
| 24 | W |                | 1  | 27 36    | 10 48  | 19 | 17 21 | * 14 ☿         |               |
| 25 | T | St. James      | 2  | 9 8 24   | 11 2   | 19 | 18 23 |                | thunder,      |
| 26 | F | St. Anne       | 3  | 21 18    | 11 20  | 20 | 19 24 |                | about this    |
| 27 | S |                | 4  | 3 II 21  | 11 45  | 21 | 20 26 |                | time.         |
| 28 | F | S. af. Trin    | 5  | 15 39    | morn   | 21 | 21 27 |                |               |
| 29 | M |                | 6  | 28 15    | 0 20   | 22 | 22 29 | * 14 ☿, ☉ 14 ☿ |               |
| 30 | T |                | 7  | 11 25 13 | 1 7    | 23 | 23 m  |                | Hot and dry.  |
| 31 | W |                | 8  | 24 31    | 2 10   | 23 | 24 2  |                |               |

A Person, in Affection zealous,  
 Of's Mistress shall this Month grow jealous,  
 Who will her Heart 'twixt two divide,  
 As Love and Int'rest shall decide:  
 Yet, by the Planetary Bodies,  
 A Wife shall be ador'd a Goddess.

| M  | rises |     | sets |     | OBSERVATIONS.   |
|----|-------|-----|------|-----|---|
|    | D     | h m | D    | h m |   |
| 1  | 3     | 45  | 8    | 15  | about 2000 times greater than red-hot iron. By such heat, all vapours would be immediately dissipated. This heat of the Comet must be retained a very long time; for a red-hot globe of iron, of an inch diameter, exposed to the open air, scarce loses all its heat in an hour; but a greater globe would retain its heat longer, in proportion to its diameter, because the surface, at which it grows cold, varies in that proportion less than the quantity of hot matter. Therefore a globe of red-hot iron, as big as our earth, would scarcely cool in 50000 years. The Comet in 1680 coming so near to the Sun, must have been considerably retarded by the Sun's atmosphere; and therefore, being attracted nearer at every revolution, it will at last fall into the Sun, and be a fresh supply of fuel for what the Sun loses by its constant emission of light. In like manner, fixed stars which have been gradually wasted, may be supplied with fresh fuel, and acquire new splendour, and pass for new stars. Of this kind are those fixed stars which appear on a sudden, and shine with a wonderful brightness at first, and afterwards vanish by degrees. Such is the conjecture of Sir Isaac |
| 2  | 3     | 46  | 8    | 14  |   |
| 3  | 3     | 46  | 8    | 14  |   |
| 4  | 3     | 47  | 8    | 13  |   |
| 5  | 3     | 48  | 8    | 12  |   |
| 6  | 3     | 48  | 8    | 12  |   |
| F  | 3     | 49  | 8    | 11  |   |
| 8  | 3     | 50  | 8    | 10  |   |
| 9  | 3     | 51  | 8    | 9   |   |
| 10 | 3     | 51  | 8    | 9   |   |
| 11 | 3     | 52  | 8    | 8   |   |
| 12 | 3     | 53  | 8    | 7   |   |
| 13 | 3     | 54  | 8    | 6   |   |
| F  | 3     | 55  | 8    | 5   |   |
| 15 | 3     | 56  | 8    | 4   |   |
| 16 | 3     | 58  | 8    | 2   |   |
| 17 | 3     | 59  | 8    | 1   |   |
| 18 | 4     | 0   | 8    | 0   |   |
| 19 | 4     | 1   | 7    | 59  |   |
| 20 | 4     | 2   | 7    | 58  |   |
| F  | 4     | 4   | 7    | 56  |   |
| 22 | 4     | 5   | 7    | 55  |   |
| 23 | 4     | 6   | 7    | 54  |   |
| 24 | 4     | 7   | 7    | 53  |   |
| 25 | 4     | 9   | 7    | 51  |   |
| 26 | 4     | 10  | 7    | 50  |   |
| 27 | 4     | 12  | 7    | 48  |   |
| F  | 4     | 13  | 7    | 47  |   |
| 29 | 4     | 15  | 7    | 45  |   |
| 30 | 4     | 16  | 7    | 44  |   |
| 31 | 4     | 18  | 7    | 42  |   |

New Moon the 1st day, at 2 in the afternoon.  
First Quarter the 8th day, at 9 in the morning.  
Full Moon the 15th day, at noon.  
Last Quarter the 23d day, at 2 in the afternoon.  
New Moon the 30th day, at 11 at night.

1 1 23  
6 2 24  
11 2 25  
16 3 26  
21 4 26  
26 4 27

| M  | W | Remarkable       | ☉    | D lon-   | D rises | ♂     | ♀    | ☿ | Mut. Aspects |
|----|---|------------------|------|----------|---------|-------|------|---|--------------|
| D  | D | Days, &c.        | Ω    | gitude   | & sets  | Ω     | ☿    | ☿ | and Weather  |
| 1  | T | Lammas day       | 9    | 8Ω 11    | fets    | 24    | 25   | 3 |              |
| 2  | F |                  | 10   | 22 8     | 8 a 39  | 25    | 26   | 5 | Good         |
| 3  | S |                  | 11   | 6☿ 17    | 8 59    | 25    | 27   | 6 | weather to   |
| 4  | F | 1st S. af. Trin. | 12   | 20 24    | 9 14    | 26    | 28   | 7 | begin the    |
| 5  | M |                  | 13   | 4☿ 54    | 9 29    | 26    | 29   | 9 | harvest.     |
| 6  | T | Transfigurat.    | 14   | 19 12    | 9 43    | 27    | ☿ 10 |   |              |
| 7  | W | Prs. Ameliab.    | 15   | 3☿ 25    | 9 59    | 28    | 1 11 |   |              |
| 8  | T | [Na. of Jef.     | 16   | 17 32    | 10 19   | 28    | 2 12 |   | * ♀          |
| 9  | F |                  | 17   | 1 ☿ 32   | 10 46   | 29    | 3 14 |   | Some gentle  |
| 10 | S | St. Lawrence     | 18   | 15 24    | 11 23   | ☿ 4   | 15   |   | showers      |
| 11 | F | 2nd Tr. Du. Br.  | 19   | dog d. e | morn    | 0     | 5 16 |   | of rain.     |
| 12 | M | Pr. Wales b.     | 20   | 12 ☿ 44  | 0 15    | 1 5   | 17   |   |              |
| 13 | T | [Old Lam.        | 21   | 26 8     | 1 20    | 2 6   | 18   |   |              |
| 14 | W |                  | 22   | 9☿ 21    | 2 36    | 2 7   | 19   |   | Some thun-   |
| 15 | T | Assumption       | 23   | 22 19    | rises   | 3 8   | 20   |   | der showers  |
| 16 | F | D. of York b.    | 24   | 5☿ 3     | 8 a 10  | 3 9   | 21   |   | about this   |
| 17 | S |                  | 24   | 17 32    | 8 22    | 4 10  | 22   |   | time.        |
| 18 | F | 3rd S. af. Trin. | 25   | 29 47    | 8 34    | 5 11  | 22   |   | * ☉ ♀        |
| 19 | M |                  | 26   | 11 ☿ 50  | 8 46    | 5 12  | 23   |   |              |
| 20 | T |                  | 27   | 23 43    | 8 59    | 6 13  | 24   |   |              |
| 21 | W | D. of Clar. b.   | 28   | 5 8 31   | 9 12    | 7 13  | 24   |   | Somewhat     |
| 22 | T |                  | 29   | 17 19    | 9 27    | 7 14  | 25   |   | cloudy and   |
| 23 | F |                  | ☿ 29 | 12 9     | 49      | 8 15  | 25   |   | windy,       |
| 24 | S | St. Bartholo.    | 1    | 11 ☿ 14  | 10 19   | 9 16  | 26   |   | but yet      |
| 25 | F | 4th S. af. Trin. | 2    | 23 33    | 10 59   | 9 17  | 26   |   |              |
| 26 | M |                  | 3    | 6☿ 12    | 11 54   | 10 17 | 26   |   | very fine    |
| 27 | T |                  | 4    | 19 14    | morn    | 10 18 | ☿ 26 |   | weather.     |
| 28 | W | St. Augustine    | 5    | 2Ω 42    | 1 6     | 11 19 | 26   |   |              |
| 29 | T | Beh. J. Bapt.    | 6    | 16 35    | 2 25    | 12 20 | 26   |   |              |
| 30 | F |                  | 7    | ☿ 51     | fets    | 12 21 | 26   |   |              |
| 31 | S |                  | 8    | 15 23    | 7 a 25  | 13 21 | 26   |   |              |

Fortune shall be by Valour won;  
 And some this Month must be undone.  
 Some by good Friends shall be promoted,  
 And some for Want of Wit be noted.  
 A charming Belle (by the Pleides)  
 Shall be admir'd, among the Ladies.

M. Orises. O fets  
 D h m h m

## OBSERVATIONS.

|     |     |   |    |   |
|-----|-----|---|----|---|
| 14  | 19  | 7 | 41 | <i>Isaac Newton.</i> There are some eclipses of the SUN recorded in history which cannot be verified by calculation from tables of the Sun and Moon; some have thought those darkneses may have been caused by the interposition of Comets between the Sun and Earth: the eclipses of the Sun mentioned by <i>Herodotus</i> are thus accounted for, as is also the eclipse that happened a few days before the death of <i>Augustus</i> , mentioned by <i>Dion</i> ; it is observable that <i>Seneca</i> saw a Comet the same year. Some Comets, from their apparent magnitude and distance considered together, have been judged to be much larger than the Moon, and even equal in magnitude to some of the primary planets: a globe of that size, so much larger than the Moon is, might cover the Sun, and cause an eclipse. We read in history of Comets that have appeared as large as the Sun, if such an one, near its perigee, were to come between the Sun and our Earth, it would eclipse him for a time. Some have thought the darkness at our Blessed Saviour's crucifixion might be caused by a Comet coming then between the Earth and the Sun: this supposition |
| 24  | 21  | 7 | 39 |   |
| 34  | 22  | 7 | 38 |   |
| F 4 | 24  | 7 | 36 |   |
| 54  | 26  | 7 | 34 |   |
| 64  | 27  | 7 | 33 |   |
| 74  | 29  | 7 | 31 |   |
| 84  | 31  | 7 | 29 |   |
| 94  | 32  | 7 | 28 |   |
| 104 | 34  | 7 | 26 |   |
| F 4 | 36  | 7 | 24 |   |
| 124 | 37  | 7 | 23 |   |
| 134 | 39  | 7 | 21 |   |
| 144 | 41  | 7 | 19 |   |
| 154 | 43  | 7 | 17 |   |
| 164 | 45  | 7 | 15 |   |
| 174 | 46  | 7 | 14 |   |
| F 4 | 48  | 7 | 12 |   |
| 194 | 50  | 7 | 10 |   |
| 204 | 52  | 7 | 8  |   |
| 214 | 54  | 7 | 6  |   |
| 224 | 55  | 7 | 5  |   |
| 234 | 57  | 7 | 3  |   |
| 244 | 59  | 7 | 1  |   |
| F 5 | 16  |   | 59 |   |
| 265 | 36  |   | 57 |   |
| 275 | 56  |   | 55 |   |
| 285 | 76  |   | 53 |   |
| 295 | 96  |   | 51 |   |
| 305 | 106 |   | 50 |   |
| 315 | 126 |   | 48 |   |

First Quarter the 6th day, at 3 in the afternoon.

Full Moon the 14th day, at 3 in the morning.

Last Quarter the 22d day, at 7 in the morning.

New Moon the 29th day, at 8 in the morning.

| M  | W | Remarkable      | ○  | Lon-    | ris    | ♂  | ♀  | ♀  | Mut. Aspects  |
|----|---|-----------------|----|---------|--------|----|----|----|---------------|
| D  | D | Days, &c.       | ☾  | gitude. | & sets | ☾  | ☾  | ☾  | and Weather   |
| 1  | F | 15 Tr. Giles    | 9  | 0 5     | 7 a 38 | 14 | 22 | 26 |               |
| 2  | M | Lond. bt. 1666  | 10 | 14 49   | 7 54   | 14 | 23 | 25 | This month    |
| 3  | T |                 | 11 | 29 28   | 8 11   | 15 | 23 | 25 | begins with   |
| 4  | W |                 | 12 | 13 57   | 8 30   | 16 | 24 | 24 | fine wea-     |
| 5  | T |                 | 13 | 28 12   | 8 55   | 16 | 25 | 23 | ther.         |
| 6  | F |                 | 14 | 12 13   | 9 28   | 17 | 25 | 22 |               |
| 7  | S | Enurchus        | 15 | 25 59   | 10 14  | 17 | 26 | 20 |               |
| 8  | F | 16 S. Tr. Nat.  | 16 | 9 30    | 11 18  | 18 | 26 | 20 |               |
| 9  | M | [V. M.]         | 17 | 22 48   | morn   | 19 | 27 | 19 | ♂ ♂ ♂         |
| 10 | T |                 | 18 | 5 51    | 0 31   | 19 | 27 | 18 | ♂ ♂ ♂         |
| 11 | W |                 | 19 | 18 43   | 1 50   | 20 | 28 | 17 |               |
| 12 | T |                 | 20 | 1 21    | 3 7    | 21 | 28 | 16 | Windy, and    |
| 13 | F |                 | 21 | 13 48   | 4 25   | 21 | 29 | 15 | some          |
| 14 | S | Holy Cross      | 22 | 26 3    | rises  | 22 | 29 | 14 | showers near  |
| 15 | F | 17 S. af. Trin. | 23 | 8 8     | 7 a 1  | 23 | 30 | 14 | ♂ ♂ ♂, Δ ♀    |
| 16 | M |                 | 24 | 20 4    | 7 13   | 23 | 31 | 13 | this time.    |
| 17 | T | Lambert         | 25 | 1 54    | 7 25   | 24 | 1  | 13 |               |
| 18 | W | Ember Week.     | 26 | 13 41   | 7 40   | 25 | 1  | 12 |               |
| 19 | T |                 | 27 | 25 28   | 7 59   | 25 | 1  | 12 |               |
| 20 | F |                 | 27 | 7 18    | 8 25   | 26 | 1  | 12 |               |
| 21 | S | St. Matthew     | 28 | 19 21   | 9 0    | 26 | 1  | D  | Fine, fair    |
| 22 | F | 18 S. Tr. King  | 29 | 1 38    | 9 46   | 27 | 1  | 12 | and plea-     |
| 23 | M | [Geo. III. cr.] | 30 | 14 14   | 10 51  | 28 | 2  | 13 | ☐ ☐ 24        |
| 24 | T |                 | 1  | 27 13   | morn   | 28 | 2  | 13 | fant.         |
| 25 | W | Old Ho'yrood    | 2  | 10 40   | 0 7    | 29 | 2  | 14 |               |
| 26 | T | Cyprian         | 3  | 24 35   | 1 31   | 30 | 2  | 15 |               |
| 27 | F |                 | 4  | 8 56    | 3 0    | 0  | 2  | 16 | ☐ 24 ♂        |
| 28 | S | [Prs. Wir. b.]  | 5  | 23 39   | 4 29   | 1  | 2  | 17 | Some rain     |
| 29 | F | 19 Tr. StMic.   | 6  | 8 37    | sets   | 2  | 1  | 18 | near the end. |
| 30 | M | Jerome          | 7  | 23 41   | 6 a 24 | 2  | 1  | 19 | * ☐ 1/2       |

Pleasure now looks like Something in it,  
And one shall seize the lucky Minute;  
Some shall, unfought, find many Friends;  
But many others lose their Ends;  
And somewhere, near a Market-town,  
A House, this Month, shall tumble down.

| M  |   | rises |   | sets |   | OBSERVATIONS.   |
|----|---|-------|---|------|---|---|
| D  | h | m     | h | m    | m |   |
| F  | 5 | 14    | 6 | 46   |   | position does not detract from the miracle;<br>the divine interposition would be as necessary to order that those two events should fall out exactly at the same time as it would be to cause such darkness by any other extraordinary means. I must not conclude this account of Comets, without mentioning that <i>Whiston</i> , who, from <i>Flamsteed's</i> measure of the apparent diameter of the Comet of 1680, concluded the nucleus of that Comet to be about ten times as big as the Moon, or equal to a fourth part of our Earth, attributes the universal deluge in the time of Noah to the near approach thereof. His opinion was, that the Earth passed through the atmosphere of the Comet, and attracted therefrom great part of the water of the flood; that the nearness of the Comet raised a great tide in the subterraneous waters, so that the outward crust of the Earth was changed from spherical to oval; that this could not be done without making fissures or cracks therein; that through these fissures the subterraneous waters were forced, by the hollow of the Earth being so changed, into a less capacious |
| 2  | 5 | 16    | 6 | 44   |   |   |
| 3  | 5 | 18    | 6 | 42   |   |   |
| 4  | 5 | 20    | 6 | 40   |   |   |
| 5  | 5 | 22    | 6 | 38   |   |   |
| 6  | 5 | 24    | 6 | 36   |   |   |
| 7  | 5 | 26    | 6 | 34   |   |   |
| F  | 5 | 28    | 6 | 32   |   |   |
| 9  | 5 | 30    | 6 | 30   |   |   |
| 10 | 5 | 32    | 6 | 28   |   |   |
| 11 | 5 | 34    | 6 | 26   |   |   |
| 12 | 5 | 35    | 6 | 25   |   |   |
| 13 | 5 | 37    | 6 | 23   |   |   |
| 14 | 5 | 39    | 6 | 21   |   |   |
| F  | 5 | 41    | 6 | 19   |   |   |
| 16 | 5 | 43    | 6 | 17   |   |   |
| 17 | 5 | 45    | 6 | 15   |   |   |
| 18 | 5 | 47    | 6 | 13   |   |   |
| 19 | 5 | 49    | 6 | 11   |   |   |
| 20 | 5 | 51    | 6 | 9    |   |   |
| 21 | 5 | 53    | 6 | 7    |   |   |
| F  | 5 | 55    | 6 | 5    |   |   |
| 23 | 5 | 57    | 6 | 3    |   |   |
| 24 | 5 | 59    | 6 | 1    |   |   |
| 25 | 6 | 1     | 5 | 59   |   |   |
| 26 | 6 | 3     | 5 | 57   |   |   |
| 27 | 6 | 5     | 5 | 55   |   |   |
| 28 | 6 | 7     | 5 | 53   |   |   |
| F  | 6 | 9     | 5 | 51   |   |   |
| 30 | 6 | 11    | 5 | 49   |   |   |

First Quarter the 5th day, at midnight.

Full Moon the 13th day, at 7 in the afternoon.

Last Quarter the 21st day, at 11 at night.

New Moon the 28th day, at 6 in the afternoon.

|    |    |   |
|----|----|---|
| 1  | 8  | 1 |
| 6  | 8  | 1 |
| 11 | 9  | 1 |
| 16 | 9  | 2 |
| 21 | 9  | R |
| 26 | 10 | 1 |

| M  | W | Remarkable Days, &c. | ☉  | D Lon-<br>gitude | D rises<br>& sets | ♂  | ♀  | ♂  | Mut. Aspects<br>and Weather |
|----|---|----------------------|----|------------------|-------------------|----|----|----|-----------------------------|
| 1  | T | Remigius             | 8  | 8m42             | 6 a 41            | 3  | 1  | 22 | Δ 2 ♀                       |
| 2  | W |                      | 9  | 23 32            | 7 4               | 4  | 1  | 23 | Cold winds                  |
| 3  | T |                      | 10 | 8 1-6            | 7 35              | 4  | 1  | 25 | near this                   |
| 4  | F |                      | 11 | 22 19            | 8 18              | 5  | 0  | 26 | time.                       |
| 5  | S |                      | 12 | 6 1/2 9          | 9 17              | 6  | 0  | 28 |                             |
| 6  | F | 20 S. af. Trin.      | 13 | 19 39            | 10 28             | 6  | 1  | 28 |                             |
| 7  | M | [Faith]              | 14 | 2 48             | 11 46             | 7  | 29 | 1  | □ 2 ♀                       |
| 8  | T |                      | 15 | 15 39            | morn              | 7  | 29 | 3  | Fine for the                |
| 9  | W | St. Denys            | 16 | 28 15            | 1 5               | 8  | 28 | 5  | * h ♂                       |
| 10 | T | Ox. & Ca. T. b.      | 17 | 10 37            | 2 21              | 9  | 28 | 7  | season.                     |
| 11 | F | [Old Mic.            | 18 | 22 49            | 3 35              | 9  | 27 | 8  | * h ♂                       |
| 12 | S |                      | 19 | 4 52             | 4 47              | 10 | 27 | 10 | ♂ ♂ ♀                       |
| 13 | F | 21 Tr. Transf.       | 20 | 16 47            | rises             | 11 | 26 | 12 |                             |
| 14 | M | [Edw. Conf.          | 21 | 28 38            | 5 a 40            | 11 | 26 | 13 | Some wet                    |
| 15 | T |                      | 22 | 10 26            | 5 56              | 12 | 25 | 15 | weather                     |
| 16 | W |                      | 23 | 22 13            | 6 12              | 13 | 24 | 17 | ♂ ☉ ♀                       |
| 17 | T | Etheldred            | 24 | 4 11 2           | 6 34              | 13 | 24 | 19 | now about                   |
| 18 | F | St. Luke             | 25 | 15 56            | 7 4               | 14 | 23 | 20 |                             |
| 19 | S |                      | 26 | 28 0             | 7 47              | 15 | 23 | 22 | ♂ ♀ ♀                       |
| 20 | F | 22 S. af. Trin.      | 27 | 10 16            | 8 43              | 15 | 22 | 24 |                             |
| 21 | M |                      | 28 | 22 49            | 9 52              | 16 | 21 | 25 |                             |
| 22 | T |                      | 29 | 5 43             | 11 11             | 17 | 21 | 27 | Still showery               |
| 23 | W |                      | 30 | 19 2             | morn              | 17 | 20 | 29 | for the most                |
| 24 | T | [Crisp.              | 1  | 2 48             | 0 34              | 18 | 20 | 31 | Δ ☉ 1, Δ 2 ♀                |
| 25 | F | K. Geo. 3 ac.        | 2  | 17 0             | 2 0               | 19 | 19 | 2  | ♂ ☉ ♀, ♂ ♂ ♀                |
| 26 | S | K. Geo. 3 pr.        | 3  | 1 38             | 3 29              | 19 | 19 | 4  | part.                       |
| 27 | F | 23 S. af. Trin.      | 4  | 16 36            | 4 57              | 20 | 18 | 5  |                             |
| 28 | M | St. Simon and        | 5  | 1 46             | sets              | 21 | 18 | 7  | Stormy and                  |
| 29 | T | [Jude]               | 6  | 16 59            | 5 a 11            | 21 | 18 | 9  | □ h ♂                       |
| 30 | W |                      | 7  | 2 6              | 5 35              | 22 | 17 | 10 | cold, near                  |
| 31 | T |                      | 8  | 16 58            | 6 15              | 23 | 17 | 12 | the end.                    |

Lawyers shall be distress'd for Sense,  
 And Conscience strain'd by Evidence;  
 A Person shall escape a Hurt,  
 Another fall into the Dirt;  
 A Judge and Jury be misled,  
 And Truth, and Equity, ill-sped.

| M  | ☉ rises |     | ☉ sets |    | OBSERVATIONS.                                |
|----|---------|-----|--------|----|--|
|    | D       | h m | h m    | m  |  |
| 1  | 6       | 13  | 5      | 47 |  |
| 2  | 6       | 15  | 5      | 45 | pacious form; that, along with the water     |
| 3  | 6       | 17  | 5      | 43 | thus squeezed up, upon the surface of the    |
| 4  | 6       | 19  | 5      | 41 | Earth, much slime or mud would rise;         |
| 5  | 6       | 21  | 5      | 39 | which, together with the grosser parts of    |
| F  | 6       | 23  | 5      | 37 | the Comet's atmosphere, would, after the     |
| 7  | 6       | 25  | 5      | 35 | subsiding of the water, partly into the      |
| 8  | 6       | 27  | 5      | 33 | fissures, and partly into the lower parts of |
| 9  | 6       | 28  | 5      | 32 | the Earth to form the Sea, cover all over,   |
| 10 | 6       | 30  | 5      | 30 | to a considerable depth, the antediluvian    |
| 11 | 6       | 32  | 5      | 28 | Earth: thus he accounts for trees and        |
| 12 | 6       | 34  | 5      | 26 | bones of animals being found at very great   |
| F  | 6       | 36  | 5      | 24 | depths in the Earth. The Tail of the         |
| 14 | 6       | 38  | 5      | 22 | Comet of 1680 extended itself over 60 de-    |
| 15 | 6       | 40  | 5      | 20 | grees, or a third part of the Heavens, from  |
| 16 | 6       | 42  | 5      | 18 | East to West; which Tail, therefore, must    |
| 17 | 6       | 44  | 5      | 16 | be some millions of miles in length. Some    |
| 18 | 6       | 46  | 5      | 14 | Comets, and particularly that of 1680, are   |
| 19 | 6       | 48  | 5      | 12 | computed to proceed, in their greatest dis-  |
| F  | 6       | 50  | 5      | 10 | tances from the Sun, no less than four times |
| 21 | 6       | 52  | 5      | 8  | the distance of Saturn: yet it is found      |
| 22 | 6       | 54  | 5      | 6  | that Comets, at that amazing distance in     |
| 23 | 6       | 55  | 5      | 5  | the ethereal Pace, are not affected by the   |
| 24 | 6       | 57  | 5      | 3  | attraction of the fixed Stars; but, arriving |
| 25 | 6       | 59  | 5      | 1  | at their extreme limits, to which their      |
| 26 | 7       | 1   | 4      | 59 | projectile force will carry them, they regu- |
| F  | 7       | 3   | 4      | 57 | larly return, by the force of the Sun's at-  |
| 28 | 7       | 5   | 4      | 55 | traction, acquiring new projectile force,    |
| 29 | 7       | 7   | 4      | 53 | by   |
| 30 | 7       | 9   | 4      | 51 |  |
| 31 | 7       | 10  | 4      | 50 |  |

First Quarter the 4th day, at noon.

Full Moon the 12th day, at 2 in the afternoon.

Last Quarter the 20th day, at noon.

New Moon the 27th day, at 4 in the morning.

|    |    |    |
|----|----|----|
| 1  | 10 | 1  |
| 6  | 10 | 1  |
| 11 | 10 | 1  |
| 16 | 10 | 0  |
| 21 | R  | II |
| 26 | 10 | 29 |

| M  | W | Remarkable             | ☉  | ☽  | longi- | ☽      | rises | ♂  | ♀  | ☿  | Mut. Aspects |
|----|---|------------------------|----|----|--------|--------|-------|----|----|----|--------------|
| D  | D | Days, &c.              | m  |    | tude   | & sets | ☉     | ☉  | ☉  | ☉  | and Weather  |
| 1  | F | <b>All Saints</b>      | 9  | 1  | 27     | 7 a    | 9     | 23 | 17 | 13 | ☐ ☉ h        |
| 2  | S | <b>Pr. Ed.</b> All So. | 10 | 15 | 31     | 8      | 16    | 24 | 17 | 15 |              |
| 3  | F | <b>24 Tr. Prs So.</b>  | 11 | 29 | 8      | 9      | 34    | 25 | 16 | 17 | Some sharp   |
| 4  | M | <b>K. Wm. land.</b>    | 12 | 12 | 19     | 10     | 54    | 25 | 16 | 18 | frosts now   |
| 5  | T | <b>Powder Plot</b>     | 13 | 25 | 8      | morn   | 26    | 16 | 20 | 20 | about.       |
| 6  | W | Leonard. Ter.          | 14 | 7  | 37     | 0      | 12    | 27 | D  | 21 |              |
| 7  | T | [begins                | 15 | 19 | 50     | 1      | 27    | 27 | 16 | 23 |              |
| 8  | F | <b>Prs. Aug. So.</b>   | 16 | 1  | 52     | 2      | 38    | 28 | 16 | 24 | Sleet or     |
| 9  | S | Ld. Mayor's d.         | 17 | 13 | 46     | 3      | 49    | 29 | 16 | 26 | showers.     |
| 10 | F | <b>25 S. af. Trin.</b> | 18 | 25 | 35     | 4      | 59    | 29 | 16 | 27 |              |
| 11 | M | St. Martin             | 19 | 7  | 23     | 6      | 11    | m  | 16 | 29 |              |
| 12 | T | Cam. T. d. m.          | 20 | 19 | 11     | rises  | 1     | 17 | f  |    | Δ 24 f       |
| 13 | W | Britius                | 21 | 1  | II 2   | 4 a    | 40    | 1  | 17 | 2  |              |
| 14 | T |                        | 22 | 12 | 58     | 5      | 8     | 2  | 17 | 4  | Frosty, and  |
| 15 | F | Machutus               | 23 | 25 | 1      | 5      | 46    | 3  | 17 | 5  | more cold.   |
| 16 | S |                        | 24 | 7  | 12     | 6      | 36    | 3  | 18 | 7  |              |
| 17 | F | <b>26 S. af. Trin.</b> | 25 | 19 | 35     | 7      | 41    | 4  | 18 | 8  |              |
| 18 | M | [Hugh                  | 26 | 2  | Ω 12   | 8      | 54    | 5  | 18 | 10 | Δ h f        |
| 19 | T |                        | 27 | 15 | 5      | 10     | 13    | 5  | 19 | 11 |              |
| 20 | W | Edmund                 | 28 | 28 | 18     | 11     | 36    | 6  | 19 | 13 | Cold, rough  |
| 21 | T |                        | 29 | 11 | 53     | morn   | 7     | 20 | 14 | 15 | winds.       |
| 22 | F | Cecil. Ol. Mart.       | 30 | 25 | 51     | 0      | 59    | 7  | 20 | 16 |              |
| 23 | S | Clement                | 1  | 10 | 12     | 2      | 23    | 8  | 21 | 17 |              |
| 24 | F | <b>27 S. af. Trin.</b> | 2  | 24 | 53     | 3      | 51    | 9  | 21 | 19 | Rain or      |
| 25 | M | <b>D. Glo.</b> Ca-     | 3  | 9  | 51     | 5      | 21    | 9  | 22 | 20 | snow         |
| 26 | T | [tharine               | 4  | 24 | 59     | 6      | 55    | 10 | 23 | 21 | ☐ h f        |
| 27 | W |                        | 5  | 10 | f 6    | sets   | 11    | 23 | 23 |    | * f f        |
| 28 | T | Term ends              | 6  | 25 | 4      | 4 a    | 45    | 11 | 24 | 24 | now about.   |
| 29 | F |                        | 7  | 9  | 44     | 5      | 49    | 12 | 24 | 26 |              |
| 30 | S | <b>St. Andrew</b>      | 8  | 24 | 0      | 7      | 6     | 13 | 25 | 27 | Cloudy.      |

A Magistrate shall tell a Lie;  
 A Patient of the Doctor die;  
 A wedded Couple shall be parted,  
 And a young Lady prove hard-hearted:  
 Others obscure (their Stars be prais'd)  
 To Fame and Riches shall be rais'd.

M  $\odot$  rises  $\odot$  sets  
 D h m h m

## OBSERVATIONS.

|     |    |   |    |  |
|-----|----|---|----|--|
| 17  | 12 | 4 | 48 |  |
| 27  | 14 | 4 | 46 |  |
| F 7 | 16 | 4 | 44 | by accelerating their velocities all the way   |
| 47  | 18 | 4 | 42 | back in their approach to the Sun; and   |
| 57  | 19 | 4 | 41 | then retard their motion in their retreat  |
| 67  | 21 | 4 | 39 | every where from him; and so on periodically, and perpetually. We may therefore observe, that there is a space of six or |
| 77  | 23 | 4 | 37 | seven thousand millions of miles over, at  |
| 87  | 24 | 4 | 36 | least, (and who can tell how much more)  |
| 97  | 26 | 4 | 34 | wherein the Planets and Comets revolve   |
| F 7 | 28 | 4 | 32 | round the Sun, as the centre of that space,  |
| 117 | 30 | 4 | 30 | independent of the attraction of the fixed   |
| 127 | 31 | 4 | 29 | Stars, reaching, in all probability, like our  |
| 137 | 33 | 4 | 27 | Sun's attraction, three or four thousand   |
| 147 | 34 | 4 | 26 | millions of miles round each Star. And   |
| 157 | 36 | 4 | 24 | we may reasonably suppose, that there are  |
| 167 | 37 | 4 | 23 | infinite systems in the infinite space, and  |
| F 7 | 39 | 4 | 21 | a fixed Star placed in the midst of each   |
| 187 | 40 | 4 | 20 | system, as a Sun to the respective revolving   |
| 197 | 42 | 4 | 18 | bodies; and all these systems kept in  |
| 207 | 43 | 4 | 17 | suspension, and at due distances from each   |
| 217 | 45 | 4 | 15 | other, by certain properties—Hence we  |
| 227 | 46 | 4 | 14 | may suppose, that no two fixed Stars are   |
| 237 | 47 | 4 | 13 | nearer to each other than six thousand   |
| F 7 | 49 | 4 | 11 | millions of miles, however they appear to  |
| 257 | 50 | 4 | 10 | us so crowded, and near one another, at  |
| 267 | 51 | 4 | 9  | their vast distance: for, though we are  |
| 277 | 52 | 4 | 8  | nearer some of them at one time of the   |
| 287 | 54 | 4 | 6  | year than another, by the whole breadth  |
| 297 | 55 | 4 | 5  | of   |
| 307 | 56 | 4 | 4  |  |

First Quarter the 4th day, at 3 in the morning.

Full Moon the 12th day, at 9 in the morning.

Last Quarter the 19th day, at 11 at night.

New Moon the 26th day, at 3 in the afternoon.

|    |    |    |
|----|----|----|
| 1  | 10 | 29 |
| 6  | 10 | 28 |
| 11 | 10 | 27 |
| 16 | 10 | 27 |
| 21 | 9  | 26 |
| 26 | 9  | 25 |

| M  | W | Remarkable                       | ☉  | D lon-              | D rises | ♂  | ♀  | ☿  | Mut. Aspects |
|----|---|----------------------------------|----|---------------------|---------|----|----|----|--------------|
| D  | D | Days, &c.                        | +  | gitude              | & sets  | m  | u  | +  | and Weather  |
| 1  |   | <b>F Advent Sund.</b>            | 9  | 7 <sup>44</sup> 47  | 8 a 27  | 13 | 26 | 29 |              |
| 2  | M |                                  | 10 | 21 6                | 9 49    | 14 | 27 | 28 | Δ O h        |
| 3  | T |                                  | 11 | 3 <sup>45</sup> 59  | 11 7    | 15 | 27 | 1  | Dull, dark   |
| 4  | W |                                  | 12 | 16 29               | morn    | 15 | 28 | 2  | Δ u ♀        |
| 5  | T |                                  | 13 | 28 41               | 0 22    | 16 | 29 | 4  | weather,     |
| 6  | F | Nicholas                         | 14 | 10 <sup>46</sup> 39 | 1 32    | 17 | 29 | 5  | begins this  |
| 7  | S |                                  | 15 | 22 30               | 2 41    | 17 | 0  | 6  | month.       |
| 8  |   | <b>F 2 S. in Adv.</b>            | 16 | 4 <sup>48</sup> 16  | 3 49    | 18 | 1  | 7  |              |
| 9  | M | [Concept.                        | 18 | 16 4                | 5 0     | 19 | 2  | 8  |              |
| 10 | T |                                  | 19 | 27 55               | 6 12    | 20 | 3  | 9  | Sleet, or    |
| 11 | W |                                  | 20 | 9 <sup>52</sup> 53  | 7 23    | 20 | 4  | 10 | showers,     |
| 12 | T |                                  | 21 | 21 59               | rises   | 21 | 5  | 11 | now about.   |
| 13 | F | Lucy                             | 22 | 4 <sup>56</sup> 16  | 4 a 22  | 22 | 6  | 11 |              |
| 14 | S |                                  | 23 | 16 43               | 5 22    | 22 | 6  | 12 |              |
| 15 |   | <b>F 3 S. in Adv.</b>            | 24 | 29 21               | 6 35    | 23 | 7  | 12 |              |
| 16 | M | Ca. T. c. O Sap.                 | 25 | 12 Ω 11             | 7 53    | 24 | 8  | 12 | Frosty wea-  |
| 17 | T | Oxf. Term c.                     | 26 | 25 14               | 9 12    | 24 | 9  | 12 | 8 O 4, □ h ♀ |
| 18 | W | <b>Ember Week</b>                | 27 | 8 <sup>14</sup> 30  | 10 33   | 25 | 10 | 12 | ther, and    |
| 19 | T |                                  | 28 | 22 2                | 11 54   | 26 | 11 | 12 | * ♀ ♀        |
| 20 | F | day]                             | 29 | 5 <sup>49</sup>     | morn    | 26 | 12 | 11 | some snow    |
| 21 | S | <b>St Tho. Shor<sup>st</sup></b> | 29 | 19 54               | 1 16    | 27 | 13 | 11 | or sleet.    |
| 22 |   | <b>F 4 S. in Adv.</b>            | 1  | 4 <sup>41</sup> 14  | 2 40    | 28 | 14 | 10 |              |
| 23 | M |                                  | 2  | 18 49               | 4 10    | 28 | 15 | 9  |              |
| 24 | T |                                  | 3  | 3 <sup>43</sup> 35  | 5 43    | 29 | 16 | 8  | Cloudy, and  |
| 25 | W | <b>Christmas day</b>             | 4  | 18 24               | 7 11    | 29 | 17 | 6  | dark         |
| 26 | T | <b>St. Stephen</b>               | 5  | 3 <sup>49</sup> 10  | sets    | 1  | 18 | 5  | δ O ♀        |
| 27 | F | <b>St. John</b>                  | 6  | 17 44               | 4 a 26  | 1  | 19 | 3  | weather,     |
| 28 | S | <b>Innocents</b>                 | 7  | 1 <sup>45</sup> 59  | 5 45    | 2  | 20 | 2  | with some    |
| 29 |   | <b>F 1 S. af. Chrif.</b>         | 8  | 15 50               | 7 13    | 3  | 21 | 1  | frosts.      |
| 30 | M |                                  | 9  | 29 14               | 8 32    | 3  | 22 | 2  |              |
| 31 | T | Silvester                        | 10 | 12 <sup>41</sup> 11 | 9 49    | 4  | 23 | 29 |              |

A great Event is very near,  
 The Ending of the present Year!  
 Wonders that happen'd heretofore,  
 Shall by the Sun be seen no more.  
 Mars is on Venus still attendant,  
 As War on Peace; so mark the End on't.

M ☉ rises ☉ sets

D h m h m

## OBSERVATIONS.

|     |    |   |    |   |
|-----|----|---|----|---|
| F 7 | 57 | 4 | 3  | of the Earth's orbit, or about 160 millions of miles, their appearances, magnitudes, and distances, from one another, are seen to be always the same—What an astonishing idea of the greatness of the Creator from his works!—The idea of the immense theatre of the universe exhibits to us its fitness for the Being of an infinite God (whose existence and glory exceeds all human comprehension) to display his immense wisdom, power and goodness upon.—But, after having extended the created universe to a space as far and wide as the greatest human arithmetic can express, what is that space, to infinitude, but a mere point, that bears no proportion to the unbounded and unlimited presence of the Divine Nature? For, were the highest archangel to take his flight from this part of the universe, and travel in a direct course with the swiftness of light, it is certain, from the nature of immensity, that should he proceed in his flight to all eternity, he must still find himself in the centre of the Divine Presence—"In whom we live and move and have our being—There is no flying from his presence—The heavens, even the heaven of heavens, cannot contain him." |
| 27  | 58 | 4 | 2  |   |
| 37  | 59 | 4 | 1  |   |
| 48  | 0  | 4 | 0  |   |
| 58  | 1  | 3 | 59 |   |
| 68  | 2  | 3 | 58 |   |
| 78  | 2  | 3 | 58 |   |
| F 8 | 3  | 3 | 57 |   |
| 98  | 4  | 3 | 56 |   |
| 108 | 4  | 3 | 56 |   |
| 118 | 5  | 3 | 55 |   |
| 128 | 5  | 3 | 55 |   |
| 138 | 6  | 3 | 54 |   |
| 148 | 6  | 3 | 54 |   |
| F 8 | 7  | 3 | 53 |   |
| 168 | 7  | 3 | 53 |   |
| 178 | 7  | 3 | 53 |   |
| 188 | 8  | 3 | 52 |   |
| 198 | 8  | 3 | 52 |   |
| 208 | 8  | 3 | 52 |   |
| 218 | 8  | 3 | 52 |   |
| F 8 | 8  | 3 | 52 |   |
| 238 | 8  | 3 | 52 |   |
| 248 | 8  | 3 | 52 |   |
| 258 | 8  | 3 | 52 |   |
| 268 | 7  | 3 | 53 |   |
| 278 | 7  | 3 | 53 |   |
| 288 | 7  | 3 | 53 |   |
| F 8 | 6  | 3 | 54 |   |
| 308 | 6  | 3 | 54 |   |
| 318 | 5  | 3 | 55 |   |

*Speculum Anni :*

OR,

SEASON ON THE SEASONS.

For the YEAR of our LORD, 1799.

THE SECOND PART.

Containing variety of matter in prose and verse, part necessary to complete a performance of this kind, part collected or composed by the author, for the instruction and improvement of British youth, or of those who, in the humble vale of life, have souls superior to the opportunities given them, to improve in the various branches of science; and concluding with the kind contributions of his learned and ingenious correspondents, to whom he once more returns his sincere thanks for their favours and generous assistance in a work designed at least

- " To raise the soul by tender strokes of art,
- " To wake the genius, and to mend the heart ;
- " To make mankind in Nature's study bold ;—
- " Look o'er each scene, and mark what they behold."

Of the ECLIPSES of the SUN and MOON that will happen in this Year, 1799.

**I**N this year, there will happen only two Eclipses, and they both of the SUN ; therefore no Eclipses of the MOON will happen this year.

The first of these Solar Eclipses will happen on *Sunday*, the 5th day of *May*, at a quarter before our one o'clock in the morning ; therefore, of course, it must be invisible to us. This  
Eclipse

Eclipse will be both central and annular in the great South Sea, and particularly under 8 degrees of North Latitude, and 178 degrees of East Longitude from *London*, where this beautiful central appearance will fall upon them precisely at 12 o'clock at noon.—This Eclipse, more or less partially eclipsed, will be visible at the Sandwich Islands, at the Society and Friendly Islands, the New Hebrides, New Caledonia, and as far as New Zealand, towards the South Pole.—It will be seen in New Holland, New Guinea, the Ladrone Islands, and as far North from thence as the Island of Japan.

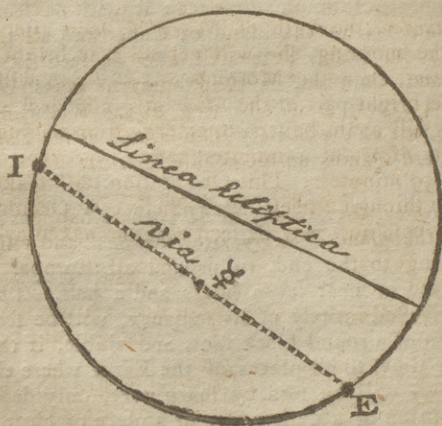
The other Solar Eclipse happens on *Monday*, the 28th day of *October*, at half an hour past our 5 o'clock in the evening invisible to us; for the *Sun* sets that day, at *London*, at 54 minutes past 4 o'clock. This is also a very great Eclipse, and will be both central and total at noon-day, in 5 degrees 15 min. South Latitude, and near 83 degrees of Longitude West from *London*; which is in the great Pacific Ocean, or great South Sea, near the western coast of Peru in South America. This Eclipse will be visible, more or less in quantity, to the whole continent of South America; it will be seen at the island of Jamaica, at the island of Cuba, and all the rest of the West India islands; it will also be seen in Florida, Georgia, and Carolina, in the southern parts of North America. I expect it will be seen to the Westward, as far as Otaheite, one of the Society Islands, and as far Eastward as the Cape Verd islands, on the coast of Africa.

Upon *Tuesday*, the 7th day of *May*, there happens a notable Transit of the planet *Mercury*, over the *Sun*, and visible from the beginning to the end, to us and all Europe, and that for the space of near seven hours and a half. The planet *Mercury*, divested intirely of its radiancy, will be seen on the *Sun*, in form of a round black spot, and visible, if the sky be clear at the time, to all places of the Earth where the *Sun* is up. *Mercury* will be seen by sharp eyes, only defended by the interposition of a dark glass, or a piece of clear window-glass, smoked over the flame of a candle, but will appear

much larger, and more to advantage, with the help of a telescope; but the precaution of interposing a dark glass between the eye and the telescope will be necessary, or otherwise the sight may be impaired, if not nearly destroyed; but, thus shielded, it will be perfectly secure from danger, or any inconvenience. This Transit will be visible, from the middle to the end, to all North and South America, and the West India Islands; the Beginning will be seen in Eastern Tartary, China, the Philippine Islands, the Islands of Borneo, Sunda, and Java, and on the western coast of New Holland; but the *Sun* will set with them soon after.

The apparent time at *London*, of the Ingress at I, is *May* the 7th day, at 1 minute after 9 o'clock in the morning. The Middle of the Transit will be at 43 minutes past 12 at noon; and the Egress, at E, is at 25 minutes past 4 in the afternoon. The whole Duration of the Transit is 7 hours 24 minutes.

The TYPE.



---

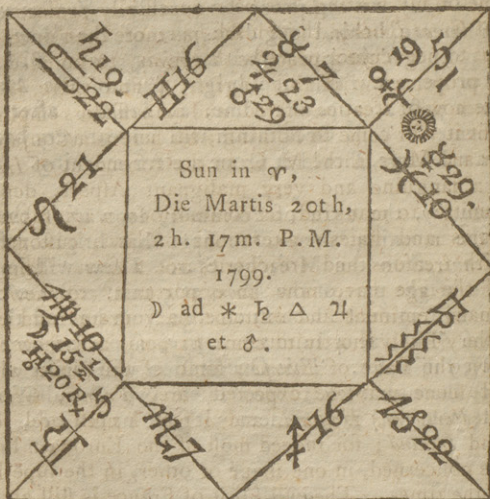
*The following is an Account of Two Occultations of the*  
PLANETS *by the MOON.*

On *Wednesday*, the 16th of *January*, there happens an Occultation of the Planet *JUPITER* by the *Moon*, and visible in these Parts, if the air prove favourable. *Jupiter* will be seen to immerge behind the dark part of the *Moon*, at 49 minutes past 1 o'clock in the morning; and will again be seen to emerge from the bright part of the *Moon*, at 40 minutes past 2, apparent time, at *London*, after being hid 51 minutes. This Occultation will appear very beautiful through a telescope, should it prove a clear morning.

On *Saturday*, the 24th of *November*, soon after the *Moon* rises in the morning, she will eclipse that bright refulgent planet *Venus*, then the Morning Star. *Venus* will immerge behind the bright part of the *Moon*, at 5 min. past 4 o'clock; and *Venus* will again be seen to emerge from behind the dark part of the *Moon*, at 4 minutes past 5, apparent time, after being hid 59 minutes. This Occultation will make a pretty appearance through a telescope. These two Occultations (if clouds interpose not) may be seen with the naked eye.

*Judicium Astrologicum pro Anno Redemptionis, 1799.*

The SPRING QUARTER, or the SUN's INGRESS into  
ARIES.



This Quarter commences when the Sun begins to display his genial influence upon the Earth, and happens, this year, on the 20th of March, at 17 min. past 2 in the afternoon, when the Planets display themselves as in the above Scheme.

Here appears to be much murmuring and repining amongst all ranks of people. Some of the Planetary Configurations are for peace, whilst others imply war and bloodshed; and after this manner we shall find the nations of the earth disposed.— The two grand superiors, Saturn and Jupiter, are not circumstanced to give much tranquillity to *Ireland*, though they have lately been in a Sextile aspect to each other: these planets, in their passage through the Zodiac, have some effect over the ruling passions of mankind; for, by their Trine and Sextile aspects, first one and then another have withdrawn themselves from the scene of blood and slaughter, and have made peace with *France*; yet the other configurations (as second causes under God) of the malevolent Planets, have had, according to their Ascendants, different effects on others, so that war, cruel war, even to the time of my writing, has been necessarily prosecuted on the part of *Great Britain*, though she has more than once made an attempt to negotiate a peace with *France*, to no effect. In taking a proper view of this Ingress, I find there is some appearance now of treaties offered, and ambassadors employed; yet I doubt it will come to nothing; for here is a Conjunction of Jupiter and Mars in the M. C. in the Ascendant of *Ireland*, which is a sanguine and very malignant Aspect, denoting great calamities to mankind, as commotions, wars, subversion of kingdoms and states; alterations of laws, customs and rights, with treasons and treacheries not a few. The great heroes of the age have now an opportunity to shew their valour: many eminent and extraordinary events and alterations are very likely shortly to come to pass, and shew themselves upon the stage of *Europe*; some of the places whence the grand scene may be expected, are, *France*, *Germany*, *Spain* and *Portugal*, *Holland*, and I fear I must add, *Great Britain* and *Ireland*; for indeed most of the European Powers seem to be concerned, in one shape or other, in the superlative actions of the times. The evil spirit of *France* is still at work, in contriving and carrying on some designs against our liberties, land and nation; a strange spirit of discord appears amongst the ruling powers of mankind, both in *Europe* and *America*; whence wars, devastation, and all other calamities usually attending the same, will be the sad fate of many countries.—

countries.—The *German* and *Roman* empires greatly molested by divisions, schisms, and pernicious councils, &c.—The powers of *Italy* in dire confusion and distress.

---

On the SUN's ENTRANCE into CANCER, which introduces the SUMMER QUARTER.

This Summer, or Estival Quarter, begins the 21st of *June*, at 3 min. past 12 o'clock at noon, when the first degree of  $\varpi$  will be on the Cusp of the 10th House, and the first degree of  $\alpha$  will be on the Ascendant—Venus is Lady thereof, on the Cusp of the 11th, afflicted by an 8 of the *Moon* from  $\varpi$ ; also at this Ingress, there is a remarkable 6 of  $\eta$  and 8 in  $\varpi$ , posited in the Medium Cœli; and their effects are such, that they violently afflict each other. From a proper consideration of the Figure, I infer that this will be a very eminent and active Quarter—it denotes raging distempers, fevers, and fiery appearances in the air; inundations, earthquakes, and tempestuous weather, are often concomitants upon such Conjunctions.—This Conjunction happens in a Tropical Sign, and Cardinal Signs possess the Angles of the Figure, which shews the effects will be very eminent, and will influence to great and notable actions, which will be carried on with great resolution and celerity. The French Republic appears formidable to their neighbours; and some considerable changes appear in the affairs of the German Princes. The Russians exert themselves with great valour and prudence.—A strange and turbulent spirit appears in France; but Great Britain will keep her ground, amidst this din of war and ruin; so that, if the French attempt to invade us with their armies, we predict they shall assuredly suffer for their rashness, even to a total defeat.—The transit of the malevolent planet *Saturn* through the Tropical Sign *Cancer*, has already, and will still, shed unpleasant

unpleasing influences on the affairs of *Holland, Genoa, Switzer-land, Italy and Spain*, and several parts of *Germany* are still likely to be in a very murmuring state.

From all parts, sea and land, methinks I see,  
The dreadful signs of death and destiny;  
View well the rays the angry stars prepare,  
All sorts of cruelty, the rage of war.  
Here's anger, discord, fury, fear, mistake,  
And all besides that can man's ruin make.

---

On the SUN's ENTRANCE into LIBRA, which introduces  
the AUTUMNAL QUARTER.

This Quarter commences the 23d day of *September*, at 49 minutes past one o'clock in the morning, when 29 deg. of ♄ will be upon the Mid-heaven, and 16 deg. of ♏ will ascend in the East. ♄ in 7 deg. of ♏ in the 12th House; ♃ just entering ♊ in the 11th House; ♀ 27 deg. of ♍, posited on the Cusp of the 3d; ♀ 1 deg. of ♍, located in the 4th; ♀ 13 deg. of ♍ in the 2d House; the *Moon* in 9 deg. of ♊, her own dignities, posited in the 11th, separating from a ♄ of ♃ and ♄ of ♀, and next applying to the \* of ♀ and ♄—Thus stand the Face of the Heavens at this Ingress, and from which I infer, that, notwithstanding some overtures have been made for a general peace, yet I doubt the felicity of *Europe* is not so near at hand; there seems to be some farther work to be done.—The sufferings of this nation, as well as of *Ireland*, I fear, are not completely at an end. I cannot sing Peace, or say our *Quietus est* is yet signed; for our enemies are many. This year will be productive of great accidents and vicissitudes, in several parts of the world; various and sudden mutations—Yet this year gives some hopes of a peace too, but I believe not a substantial and general one, perhaps a truce only, or a suspension of arms for a short time. The *Turks* are in danger of Belshazzar's judgment; great will be the actions

and disturbances both to the East and West of us.—The *French*, *Dutch*, and *English*, hope for better times; but their troubles are not yet at an end; it would be well if they were.

On the SUN's ENTRANCE into CAPRICORN, which introduces the WINTER QUARTER.

The Winter Quarter commences on the 21st of *December*, at 33 min. past 6 at night.—This is a season not fit for action, but rather council and consultation, as all men know; and doubtless there will be enough of that, in regard there are so many remarkable Aspects in this and the next Quarter, and I hope to good purpose, and the general consent of the whole nation; though at the same time we must expect various and uncertain rumours divulged, and some very notable design in agitation, perhaps not thought of by the major part. This Quarter is naturally cold and moist; young and choleric people are now best in health, but aged and phlegmatic people the contrary. In these months, melancholy and phlegm do much increase. It is now good to keep warm, and to eat such meats as are of an hot quality. It is now not good to bleed and purge, unless there be great occasion. To drink wine sometimes, and to use spices in your diet, is very good.—The same observe in *January*; but in *February*, you may take pills to purge the head, and bathe or bleed, if there be occasion.—I now end, praying God to defend our Sovereign Lord King GEORGE, and all his offspring, and to endue him, and them, with wisdom, and prosper all those that wish and act for the welfare of this kingdom, and all other his Majesty's dominions.

Some readers will deride what's here recited,  
As heretofore they other truths have slighted;  
Yet some of my presages, you've beheld,  
Already have exactly been fulfill'd;  
Others in their appointed times you'll see,  
And sooner too than they will welcome be.

ANSWERS to the ENIGMAS, CHARADES, REBUSES, &c.  
in our last.

*Enigma* 1. War.

Do. 2. A Bed.

*Rebus* 1. Prudence.

Do. 2. Harrowgate.

*Rebus* 3. A Friend.

Do. 4. Money.

*Charade* 1. Armstrong.

Do. 2. Friendship.

*Paradox*, Hague.

A GENERAL ANSWER to the ENIGMAS, &c.

By Mr. DAVID LEWIS \*, of *Knareßborough*.

On SPRING.

Now Winter assails us no more,  
The birds they are proud to endear,  
The zephyrs now fan the fields o'er,  
And *Beds* of sweet cowslips appear.

2 *Enig.*

To Bath, Tunbridge, or *Harrowgate*,  
His lordship repairs with his *Friend*,  
In equipage, grandeur, and state,  
The livery'd servants attend.

2 *Reb.*

3 *Reb.* and

2 *Ch.*

But let me contented abide,  
*Since* such hath not fell to my lot;  
Let virtue be always my guide,  
And *Prudence* be found in my cot:

1 *Enig.* Sin

or war.

1 *Reb.*

I ask not what's done at the *Hague*,  
I envy no statesman his wealth;  
For *Money* is nought but a plague,  
So let me read *Armstrong* on health.

*Parada.*

4 *Reb.*

1 *Char.*

\* This gentleman has compiled a descriptive Poem of Harrowgate and Knareßbro', containing about 400 lines.

## A GENERAL ANSWER to ENIGMAS, &amp;c.

By Mr. JOHN SMITH, of Alton Park, Staffordshire.

*Prudence, Harrowgate, Money, War, Armstrong, Bed, Friend,*  
 With *Friendship*, and *Hague*, will disclose  
 The puzzles which were so mysteriously penn'd,  
 The readers of SEASON to pose.

## The FIRST CHARADE by Mr. SMITH, answered thus by

Mr. JOHN COLES, of Weedon, Northamptonshire.

Mr. Smith, you are an ingenious man,  
 And much praise to you does belong;  
 Your Charade I will name, if I can,  
 I think it to be the Poet *Armstrong*.

## ANSWER to the ENIGMAS, &amp;c.

By Mr. WM. WARING, of Leicester.

O lovely *Prudence*! Heaven-born maid!  
 Assist kind *Friendship* with thy aid,  
 That *War* may cease, that cursed plague,  
 And all be *Friends* again with *Hague*.

Then chant the numbers of *Armstrong*,  
 As to *Harrowgate* we walk along,  
 And may no *Monkey*\* intervene,  
 But go to *Bed* at night serene.

## The QUERY answered by Mr. DAVID LEWIS.

That Jephthah was aspiring, haughty, and inconsiderate, appears by the conditions he imposed on his countrymen when he took the command, his imperious message to the King of Ammon, and his rash vow on the event of success. Though it might seem, and actually was, a great infringement upon paternal tenderness, to sacrifice his only daughter; yet, when we consider his private character, the solemnity and publicity

\* Several of our Correspondents mistook the 4th Rebus for *monkey*, on account of "*four-sixths*," instead of *three-sixths*.

of his vow, the magnitude of his victories, and having Abraham, the head of the nation, for a precedent, there can be little doubt but the strength of his oath overcame the ties of nature; as it is positively said, in the 39th verse of the 11th chapter of Judges; else why did the daughters of Israel make an annual mourning for the untimely death of the devoted virgin?

Mr. JOHN COLES observes, that the late Rev. Mr. ROMAINE says, Jephtha's vow did not oblige him to sacrifice his daughter, nor did he; *His vow was kept* by her being the Lord's, and a virgin recluse.

NEW ENIGMAS, &c. for the Year 1799.

FIRST ENIGMA, by Mr. HENRY ANDREWS, *Roydon, Herts.*

O Eve! of females once the best,  
 Curs'd be the hour when thou transgress'd;  
 Had wisdom guided thy unfully'd will,  
 Eden had bloom'd, and man been happy still.  
 This wond'rous globe, how curs'd by Heaven's decree!  
 How lost to rectitude, in all we see!  
 A field of blood, where desolation reigns,  
 And various vices deluge all its plains.  
 Transgression—the cause of every woe—  
 Angels has damn'd, and curs'd mankind below;  
 To me a friend—her sons are all my care,  
 Disgrace their lot, and wretchedness their fare.  
 Some Popes of Rome, with Peter's bastard keys,  
 Boast of great pow'r, annexed to their Sees.  
 But I, more souls have punish'd in the cell,  
 Than all the Popes of Rome e'er pray'd from hell.  
 Saint Peter's Vicar, in a judgment day,  
 Abash'd may stand, and not a word can say;  
 My prisoners too, o'erwhelm'd with grief and shame,  
 Arraign'd, like him, must answer to their name.  
 The Judge, in judgment, plac'd above the crowd,  
 The sinner cast, his sentence speaks aloud;

“Thy

" Thy name no more must foil the Book of Life,  
 " And all thy pleas are wretchedness and strife.  
 " No mercy here thy guilty soul can share,  
 " Thy character's lost, to meet thy doom prepare ;  
 " In other worlds, beneath some brighter sun,  
 " Grace may reverse what I've in justice done."  
 Consign'd to me, th' unhappy victim raves,  
 Sighs without hope, yet mercy, mercy craves !  
 Unheard his cries, his groans have no avail,  
 His warrant's seal'd, and death's the dread detail.  
 This, like an herald, impowered from above,  
 Should teach mankind repentance, faith, and love ;  
 To seek from God, true wisdom to obtain,  
 Then Christ is their's, and death's eternal gain,

SECOND ENIGMA, by Mr. JOHN SMITH, *Alton Park,*  
*Staffordshire.*

Ye learned gents, who mysteries explain,  
 Vouchsafe to listen, with attentive ear,  
 Unto my artless tale, and shew my name.  
 Know ye, to mother Earth's prolific womb,  
 Like many other things, my birth I owe :  
 But now my state is widely different  
 To what 'twas then—as well may be suppos'd—  
 For I've severest hardships undergone.  
 I, in my pristine state, was unrefin'd  
 And rude ; nor can I now of beauty boast ;  
 Yet this I'll say, I very useful am  
 To each mechanic—yes ! to all mankind :  
 But—sad to tell—my use has been perverted,  
 And mortals, wicked mortals, have employ'd me  
 To execute the most inhuman deeds.  
 A woman once, as holy writ, relates,  
 With me committed murder—O how cruel !  
 I also was concerned in a crime  
 Far worse—the crucifixion of our Lord.  
 And yet by some I now am so much valu'd,  
 They have me with them in their graves interr'd,  
 There to consume and pulverize with them.  
 My form's not complex ; and yet it would be,

In some degree, difficult to describe  
 The various shapes in which I do appear;  
 Howe'er you'll mostly find me with a head.  
 My size depends quite on my maker's will,  
 For I sometimes am half a foot in length;—  
 Sometimes scarce half an inch, although 'tis said,  
 My just length is two inches and a quarter.  
 My lineage may be trac'd thro' several ages;  
 And, with good reason, it may be conjectur'd,  
 That I in Noah's days was not unknown;  
 For, certainly, 'twould have been difficult,  
 Without my friendly aid, t' have made his ark.  
 Now, O ye bards! whose names grace Season's page,  
 Methinks, you easily may find me out.  
 For, I presume, none of you are without me.

THIRD ENIGMA, by Mr. DAVID LEWIS, of *Knaresbro'*.

Seasonian bards, a moment spare,  
 While I my use and form declare;  
 A neck, a mouth that speaks great things,  
 As life, or death, or laws of kings!  
 A spur to courage, cause of fears;  
 Proclaimeth peace, sets th' world by th' ears;  
 When hostile armies top the hills,  
 Am busy there, but never kills:  
 A city's walls I have brought low,  
 And struck a panic through the foe;  
 But, notwithstanding my abuse,  
 I was ordain'd for sacred use;  
 Though dead, I speak with living breath,  
 And shall at last discomfit death.

FOURTH ENIGMA, by Mr. H. KENWORTHY, *Saddleworth*.

When spring adorns the verdant plains,  
 And smiling herbs and flow'rets bloom;  
 When fields are moist with vernal rains,  
 In fine array from earth I came.

Productive of my master's gain,  
 I'm guarded round on ev'ry side;  
 Protected still by some fond swain,  
 That no disasters me betide—

And thus beneath such fostering care,  
 I joyfully a while remain!  
 But ah! my muse, who can declare  
 The ills I bear, yet ne'er complain.

Beneath my guardian's cruel hands,  
 A lifeless victim I do fall;  
 From thence my master oft commands  
 Me to some dark and lonely hall.

Within its gloomy walls confin'd,  
 Until some swains by lucre led;  
 Approach to treat me more unkind,  
 And from my body beat my head.

These hardships due for all mankind,  
 I'm always doom'd to undergo;  
 And am a lasting friend, you'll find,  
 To all the world, both high and low.

Although a friend by all confest,  
 A cruel foe I sometimes prove;  
 Deprive my masters oft of rest,  
 And cause them pain whene'er they move.

So now, ye learned wits of fame,  
 Who read kind Season's page this year;  
 Be pleas'd to tell my mystic name,  
 And let it in the next appear.

FIRST REBUS, by Mr. G. SIM—N, of *Thingdon*,  
*Northamptonshire.*

Three-fifths of a term oft apply'd to high birth,  
 Four-fifths of a mineral dug from the earth,  
 These, when connected, name a Hertfordshire town,  
 Where I drew my first breath, my mother doth own.

SECOND

SECOND REBUS, by Mr. JOHN SMITH, *Alton Park.*

Two-fifths of a person that's grown to full size,  
 And what all will shun, who are virtuous and wise,  
 When rightly connected together, will make,  
 What most people are readier to give than to take.

## THIRD REBUS, by Mr. DAVID LEWIS.

Three-fifths of one on whom few will depend,  
 Three-fourths of what toil doth require;  
 A place then join'd, that doth two members send,  
 Shews a market-town in Yorkshire.

## FOURTH REBUS, by Mr. WM. WARING.

To three-fifths of what travellers chiefly require,  
 Add three-eighths of what ladies in dress should admire;  
 And you plainly will see what the miser does crave,  
 And what every poor man would wish for to have.

## FIFTH REBUS, by Mr. JOHN SAVAGE.

To three-fifths of a cardinal point, please to join  
 One-third of a number, and part of a swine;  
 One fourth of a fruit, and the name of a weight;  
 These joined, a pleasant town's name will complete.

## FIRST CHARADE, by Mr. DAVID LEWIS.

My waving first, protects our happy isle,  
 My playful second makes a father smile;  
 My changing whole, will soon exhibit clear,  
 An author's name, whom mystic bards revere.

## SECOND CHARADE, by Mr. JOHN SMITH.

When Phoebus hath withdrawn his ray,  
 My first can make each scene more gay;  
 My next, though some it scourge, behold!  
 It gives assistance to the old.  
 Were it not for my whole, I trow,  
 My first would ill its duty do.

THIRD

## THIRD CHARADE, by Mr. G. SIM—N.

My first you may quite easy scan,  
 For I am part of mortal man,  
 My second will display to view,  
 What gambling knaves too frequent do.  
 My whole compounded you may see,  
 What oft my neighbours do to me.

## A PARADOX, by Mr. JOHN SMITH.

A word in English you may see,  
 Which seven letters doth contain;  
 From which if two be taken away,  
 Exactly eight there will remain.

## FIRST QUERY, by Mr. G. SIM—N.

Seasonian bards, to the world pray declare,  
 From whence rose the custom of powdering hair.

SECOND QUERY, by Mr. JOHN SMITH, *Alton-Park.*

What is the meaning of St. Paul, when he says, "For  
 "I could wish that myself were accursed from Christ for my  
 "brethren, my kinsmen according to the flesh?"—*Romans,*  
*chap. ix. verse 3.*

---

\* \* The Author, HENRY SEASON, humbly thanks all his  
 Contributors, and begs they will send their Letters, as usual, directed for  
 him, at Stationers'-Hall, LONDON (Post paid), by the first of May;—and  
 that they will inclose Answers to whatever they send.

F I N I S