$$
1812 .
$$

Pren

## Merlinus Liberatus.

 AN
## A LM ANA с к

 For the Year of our Redemption, 1812,Being the Bifextile, or Leap-Year; And from the Creation of the World, according to the belt Hiftory, 5759,
And the 124 th of our Deliverance by R. William From Popery and Arbitrary Government; But the 134 th from the Horrid, Popifh, Jacobite Plot.
Wherein are contained all Things fitting and ufeful for fuch a Work; as an Ephemeris of the daily Motions of the Planets, with their various Configurations, Aspects, Conjunctions; Lunations, Eclipfes, Aftronomical, Astrological, Meteorological Ohfervations, the rifing and retting of the Sun, Muon, Planets, and fixed Stars, illuftrated with Tables of the Tides, Terms, and daily Equation of Clocks; Length and Break, Increafe and Decreafe of Days, Semidiurnal and Seminocturnal Arches for feveral Latitudes; a Chronology; Remarks on $\mathrm{H}_{\mathrm{N}} \mathrm{D}$ fivifions of the Heavens, with Judgments of the Eclipfes and Selivipe handled according to the Rules of the Ptolomean Aftiol Things relating to the Truth of Astrology

Calculated for the Meridian

## By JOHN PAR TR Wharig. Etiam Mortuus loquitur.

## LONDON.

Printed for the COMPANY of STATIONER 3,2
By William Thokne, Red Lion Court, Fleet Street. And Sold by George Greenhili, at their Hall, Ludgate Street.
[Price flitched One Shilling and Ten Pence.]




Jupiter is an Evening Star till July 10 ; then a Morning Star till the End.






Partridge. April, 1812.
Laft Quar. $4^{\text {th }}$ Day, at 11 Night.

| 6 | 4 | 59 |
| :---: | :---: | :---: |
| 11 | 4 | 40 |
| 16 | 4 | 25 |
| 21 | 4 | 10 |
| 25 | 3 | 55 |

M D rifes Moon Clock Lunar Afpects.

## Obfervations.

The Planetary
$\triangle$ Arpects of this
Month appear more
of an healing Na-
$\square$ ture, and I would
hope in fome de-
gree tend to adjuft
Matters between us
and fome of the
Powersat War, but















| M $\begin{array}{l}\text { Jupiter } \\ \mathrm{D} \\ \text { Venus } \\ \text { South }\end{array}$ | $\begin{array}{l}\text { Pouth } \\ \text { Sourtridge. November, }\end{array}$ |  |
| :--- | :--- | :--- |
|  | 1812. 23 |  |


| 1 | 6 m 18 |
| :---: | :---: |
| 6 | 5 |
| 11 | 59 |
| 16 | 5 |
| 40 | 9 |
| 21 | 5 |
| 20 | 0 |
| 26 | 5 |
|  | 4 |
|  |  |

New Moon 4th Day, at 6 Morn.
Firft Quar. 12th Day, at 3 Morn.
Full Moon 18th Day, at 6 Aftern. Laft Quar. 25th Day, at 7 Aftern.






B

A Table of the Common Notes，and Moveable Feafts．

| Golden Number |  |
| :---: | :---: |
| Ep | Rogation Sunday |
| Dominical Letiers－ED | Afi |
| Cycle of the Sun | Whit Sunday－M |
| Roman Indiction | Trinity Sunday－M |
| Number of Direction | Sun |
| Sundays after Epiphany | Ad |
| Septuagefima Sund．Jan． 26 |  |
|  |  |

A Table of the 12 Signs，Planets，and Afpects． $\checkmark$ Aries，Head and Face．$\odot$ Sol，or the Sun．

४ Taurus，Neck and Throat．
II Gemini，Arms and Shoulders．
es Cancer，Breaft and Stomach．
$\Omega$ Leo，Heart and Back．
吹 Virgo，Borwels and Belly．
$\bumpeq$ Libra，Reins and Loins．
m Scorpio，Sccret Members．
f Sagittarius，Hips and Thigbs．
vo Capricorn，Kires and Hams．
※．Aquarius，Legs and Ancles．
＊Pifces，Feet and．Toes．
$\Varangle$ Mercury．
of Venus．
$\oplus$ Tellus，or Earth．
D Luna，the Moon．
\％Mars．
4 Jupiter．
$h$ Saturn．
H Georgium Sidus
8 Dragon＇s Head．
8 Dragon＇s Tail．
o Conjunction，In one Sign and Degree．
＊Sextile，is 2 Signs，or 60 Degrees．
－Square or Quartile，is 3 Signs，or 90 Degrees． $\Delta$ Trine，is 4 Signs，or 120 Degrees． 8 Oppofition，is 6 Signs，or 180 Degrees．
$\Upsilon \Omega f$ Hot and dry，Fiery $\mid$ ४ $⿰ ⿰ \zh9 丶 刀 贝 ้$ boCold \＆dry，Earthy II $\bumpeq \sim$ Hot and moift，Airy $\sigma \pi \rightarrow$ Cold \＆moift，Watery け $\Omega$ f ㅍ $\uparrow ぁ \bumpeq$ そのCardinal \＆Movea．
 ㅍ $\Omega \mathrm{m}$ are Barren
 os $m \neq$ Fruitful Signs f ㅍ $\boldsymbol{x}$ Bicorporeal

## A TABLE of Terms and Returns.

Hilary Term begins $\mathcal{F}_{\text {anuary }}^{+} 23$, ends February 12.
Returns or Effoign Days. |Exc.|Ret.|App.|W. D. In eight Days of St. Hilary, - - January 20 21 22 23 Thurs.
In fifteen Days of St. Hilary, $\quad$ - $\quad-\quad-27|23| 29|30| T h u r s$.
On the Morrow of the Purif. of bl. V, M. Fcb 3| 4


Eafter Term begins April 15, ends May II.

| In 15 Days of Eafter, - - - Afril 1S | 13 | 14 | 15 |  |
| :---: | :---: | :---: | :---: | :---: |
| From the Day of Eafter in 3 Weeks, - 19 | 20 | 21 | 22 |  |
| 26 | 27 | 28 | 29 |  |
| From the Day of Eafter in 5 Weeks, May | 4 | 5 |  |  |
| On the Morrow of the Afcenfion |  | 10 |  |  |

Trinity Term begins May 29, ends June 17.

In eight Days of the holy Trinily, - - 31 年. 1

| In fifteen Days of the holy Trinity, - Fune | 7 | 8 | 9 | 10 |
| :--- | :--- | :--- | :--- | :--- |
| Wedre |  |  |  |  | From the holy Trinity in 3 Weeks, - $\quad 1415|16| 17$ IW edner

Michaelmas Term begins Norv. 6, ends No.v. 28.
On the Morrow of All Souls, $\ldots \ldots$ Nov. 8
On the Morrow of St. Martin,
On
in eight Days of St. Martin,
In fifteen Days of St. Martin,
In
N. B. No Sittings in Wofminfer-Hall on the 2d cf February, Aifcenfion Day, and Midjummir Day.

The Exchequer opens Eight Days before any Term begins, except Trinity, before which it opens but Four Days.

Note, That the firft and laft Days of every Term are the firft and laft Dys of Appearance.

## OXFORD and CAMBRIDGE TERMS.

 Oxford Terms.Lent Term - . begins Fanuary 14, - ends Marck 21. Eafier Term - begins A/ril 8, - - ends May 16. Trinity Term - begins May 20, - . ends fuy 11., Michaelmas Term begins Oczuber 10, . . ends Dec. 17.

The Act is f̛uly 7.

## Cambridge Terms.

Lent'Term - - begins fanuary 13, - - ends Marck 20. Eafter Term .. begins April 8, . - ends fuly 10. Michaelmas Term begins OcZober 10, - ends Dec. 16. The Commencement will be $\mathfrak{f} u l y 7$.

A Table of the Moon's Age for every Day throughout this
Year, whereby, with the Heip of the next General Tide Table, the Times of High Water at all the Places mentioned above it are fhewn by Infpection.


A plain and eafy TABLE, fhewing the Time of HIGH WATER.

|  <br>  |  |
| :---: | :---: |
|  |  |
|  |  |
|  |  and Whithy. $A \sim^{\omega}-\sim N \omega_{+} \mid \geq$Weftward, London, Robin Hood's Bay, Rotterdam, Tinemo |
|  |  |
|  |  <br>  |
|  |  <br> ovivitwNMMNニNoboov \|F| Aldhorough, Bri ol, Falmouth, and Foy, |
|  |  - $N \omega \rightarrow-N \omega \rightarrow-N \omega+$ land, Harwich, St. Helen's, Normandy an <br>  |
|  | $v ン a u+\omega \omega N=\bar{N}=\overline{0} 00\|=\|$ Beachy, and the Ine of Wight, Calkets in the Ch <br>  |



A Table of the Rifing, Southing, and Setting of the Pleiades or Seven Stars, for every 5 th Day in the Year, of excellent Ufe to find the Hour of the Night.

|  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |
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| Astronomical Tables. |  |  |  |  |  | 1819 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A Table of the Increafe and Decreafe of Days for every other Day throughout the Year. |  |  |  |  |  |  |
| $\underset{\substack { \text { B } \\ \begin{subarray}{c}{\infty{ \text { B } \\ \begin{subarray} { c } { \infty } } \\ {\hline}\end{subarray}}{ }$ | Fanuary <br> Increafe. <br> H M. | $\left\|\begin{array}{l} \text { February } \\ \text { Increafe. } \end{array}\right\|$ H. | March Increafe H. M. | Increafe. H. M. | $\begin{gathered} \text { May } \\ \text { ricreafe. } \\ \text { H. M. } \end{gathered}$ | June Increafe. |
| 1 | $\frac{11}{0}$ | 26 | - | $\frac{5}{14}$ | $\frac{7}{7}$ |  |
| 3 | - 10 | 132 | $3{ }^{3} 18$ | 5 | $7{ }^{7} 14$ | $8 \quad 36$ |
| , | - 14 | 138 | $3 \quad 26$ | $5 \quad 30$ | $7 \quad 20$ | $8 \quad 38$ |
| 7 | - 16 | 46 | $3 \quad 34$ | $5 \quad 36$ | $7 \quad 28$ | 842 |
| 9 | - 20 | 54 | $3 \quad 4.2$ | 544 | $7 \begin{array}{ll}7 & 34\end{array}$ | 844 |
| 11 | - 24 | 2 | 350 | $55^{2}$ | $7 \quad 40$ | 846 |
| 13 | - 28 | 8. | 358 | 6 | $7 \quad 46$ | $8 \quad 48$ |
| 15 | 34 | 16 | 46 | 6 | $7 \quad 52$ | 849 |
| 17 | - $3^{8}$ | 24 | 474 | $6 \quad 16$ | $7 \quad 56$ | $85^{\circ}$ |
| 19 | - 44 | 32 | $4 \quad 22$ | $6 \quad 22$ | 8 | 850 |
| 21 | - 50 | 240 | 430 | 630 | 8 | $8 \quad 52$ |
| 23 | - 56 | $2 \quad 46$ | $4 \quad 38$ | $6 \quad 38$ | 8 | Dec. 2 |
| 25 | 1 | $2 \quad 54$ | $4 \quad 46$ | 644 | 818 | $\bigcirc 2$ |
| 27 | 18 | 32 | 454 | $6 \quad 52$ | 822 | - 2 |
| 29 | 16 |  | $5 \quad 2$ | $6 \quad 58$ | $8 \quad 26$ |  |
| 31 |  |  | $5 \quad 10$ |  | $8 \quad 30$ |  |
| ${\underset{C}{\mathrm{w}}}^{\mathrm{N}}$ | $\begin{gathered} \begin{array}{c} \text { Yuly } \\ \text { Decrea e } \\ \text { H. M. } \end{array} \end{gathered}$ |  | Septem. <br> Decreafe <br> H. M. | $\begin{gathered} \hline \text { October } \\ \text { Decreafe } \\ \mathrm{H} . \mathrm{M.} \\ \hline \end{gathered}$ | $\begin{aligned} & \text { Novem. } \\ & \text { Decreafe } \\ & \mathrm{H} \quad \mathrm{M} . \\ & \hline \end{aligned}$ | Decem. <br> Decreafe <br> H. A. |
| 1 | 06 | 14 | 3 | 50 | 658 | $8 \quad 30$ |
| 3 | - 8 | 120 | 310 | 5 | $7 \quad 6$ | $8 \quad 34$ |
| 5 | 010 | 126 | 318 | 516 | 712 | $8 \quad 35$ |
| 7 | - 12 | 32 | $3 \quad 26$ | $5 \quad 24$ | $7 \quad 20$ | $8 \quad 40$ |
| 9 | - 16 | 38 | $3 \quad 34$ | $5 \quad 30$ | $7 \quad 26$ |  |
| 11 | - 20 | 45 | $3{ }^{3} 42$ | $5 \quad 38$ | $7 \begin{array}{ll}7 & 34\end{array}$ | 846 |
| 13 | - 24 | $5^{2}$ | $3{ }^{3} 48$ | 546 | $7 \quad 40$ | $8 \quad 48$ |
| 15 | - 28 | 20 | $3 \quad 56$ | $5 \quad 54$ | $7 \quad 46$ |  |
| 17 | - 32 | 26 |  | 6 | $7 \quad 52$ |  |
| 19 | - $3^{6}$ | 214 | $4 \quad 12$ | 610 | $7 \quad 58$ | 851 |
| 21 | - 42 | 22 | $4 \quad 20$ | 6 |  |  |
| 23 | - 46 | $2 \quad 28$ | $4 \quad 28$ | 6 | 810 | $8 \quad 52$ |
| 25 | - $5^{2}$ | $\begin{array}{ll}2 & 36\end{array}$ | 436 | $6 \quad 34$ | 8 - 16 | Incr. 2 |
| 27 | - 58 | 244 | 444 | $6 \quad 42$ | 8 | $\bigcirc$ |
| 29 | 4 | 250 | $4 \quad 52$ | 6 | $8 \quad 26$ |  |
| 31 | 10 | 25 |  | $6 \quad 54$ |  | $\bigcirc$ |

A Table fhewing the Semidiurnal Arch to every Degree of the Ecliptic, calculated for the Latitude $51^{\circ} \cdot 32^{\prime}$.

|  | \% | $\Omega$ | m | $\bumpeq$ | m | f |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\overline{\text { S.D. }}$ | H.M. | H.M. | H.M. | H. M. | H. M. | H. M. | S. D. |
| - |  | 7 <br> 7 <br> 7 |  |  |  |  | 30 29 |
| ${ }_{2}$ |  | $\begin{array}{ll}7 & 49 \\ 7 & 47\end{array}$ | ${ }_{6}^{6} 58$ | $\begin{array}{ll}5 & 58 \\ 5 & 56\end{array}$ | 4 <br> 4 <br> 4 <br> 4 | 4 | 29 28 28 |
| 3 | 12 | 746 | 654 | 554 | 455 | 45 | 27 |
| 4 | 8 811 |  | 652 | $5 \quad 52$ |  | 4 | 26 |
| 5 | 8 \% 11 | $7{ }^{7} 4$ | 650 | 550 | 452 | 4 | 25 |
|  | $\begin{array}{ll}8 & 10 \\ 88 & 10\end{array}$ | $\begin{array}{ll}7 & 42 \\ 7 & 41\end{array}$ | 48 | $\begin{array}{lll}5 & 48 \\ 5 & 46\end{array}$ | 4 4 4 48 48 | 4 | 24 23 23 |
| 8 | 8 | 7 7 7 40 |  |  |  | 4 | 23 22 |
|  | 8 | $7 \quad 39$ | ${ }_{6}{ }^{6} 42$ | 542 | 445 | 385 | 21 |
| 10 |  | $\begin{array}{ll}7 & 38 \\ 7\end{array}$ | 640 |  | 443 | 358 | 20 |
| II | 8 | $\begin{array}{ll}7 & 37 \\ 7\end{array}$ | $6{ }^{6} 38$ | 38 | 441 | 357 | 19 |
| 12 | 8 | 36 | 36 | $5{ }^{5} \quad 36$ |  |  | 18 |
| 13 |  | $7 \quad 35$ | 634 | 534 | 437 | $\begin{array}{lll}3 & 55 \\ 3\end{array}$ | 17 |
| 14 | 8 | $7{ }^{7} 33$ | ${ }_{6}^{6} 32$ | 5 | 436 | 354 | 16 |
| 15 |  | 3 3 | 30 | 30 | 434 | 3 | 15 |
| 16 | 8 | 30 | 28 | 28 | 432 | 53 | 14 |
| 17 | 8 | 28 | 6 | 5 26 | 430 | 3 53 <br> 3 52 <br> 3  | 13 |
|  | 8 |  | ${ }_{6}^{6}$ | 24 | $\begin{array}{lll}4 & 29 \\ 4 & 27\end{array}$ |  | I2 |
| 19 | 8 | $\begin{array}{ll}7 & 23 \\ 7 & 20\end{array}$ | ${ }_{6} 622$ | ( 5 | $\begin{array}{llll}4 & 29 \\ 4 & 25\end{array}$ | 3 5r | 10 |
| 21 | 8 | 7 | 6 | 5 | $4{ }_{4}^{4} 23$ | 350 |  |
| 22 | 8 | $7{ }^{7} 15$ | 6 16 | 516 | 4 | 350 | 8 |
| 23 | 759 | 7 | ${ }_{6}^{6} 14$ | 14 | 420 | 349 | 7 |
| 24 | 57 | $7{ }_{7} 7$ | 6 | 512 | $4{ }^{18}$ | 3 49 |  |
| 25 | $5^{6}$ | 9 | ${ }^{6} 10$ | 510 | 416 | $3{ }^{3} 48$ | 5 |
| 26 | 55 |  |  |  |  |  | 4 |
| 27 28 | $\begin{array}{ll}7 & 54 \\ 7 & 53\end{array}$ |  |  |  | 4 4 | 3 48 | 3 |
| 29 | 7 | 7 | 6 | 5 | 4 |  | ${ }_{1}$ |
| 30 | 7 | 59 |  |  | 4 I | 3 | - |
|  | II | 8 | $r$ | 3 | 2ur | hf |  |

N. B. In the Calendar Part you will find the Planets Southing inferted to feveral Days in each Month; and by this Table you may eafily find their Rifing and Setting : Firft, find the Longitude for the Day propofed, with which enter this Table, and take out the Semidiurna] Arch thereof, which being added to the Time of Southing, gives the Setting, but fubtracted the Rifing.

## 34

 Partridge, 1812.A Compendious Chronology of the moft principal Epochas and Alras, with their Beginnings, reduced and fixed to the Years of the Jutian Period, the Creation of the World, and to the Years before and after Chrift.


|  |  |  |  |
| :---: | :---: | :---: | :---: |
| Dani |  |  |  |
| he Templ | 4198 |  |  |
| CyrustheFounderof thePerfianMonarchy | 4178 |  |  |
| Regif | 4205 |  |  |
| Battle at Marathon |  |  | 4.9 |
| Xerxes's Defeat at the Battle of |  |  |  |
| The Beginning of the Peloponnef |  | 357 |  |
| Meto the Athenian began his Cyc |  |  |  |
|  |  |  |  |
| Beginn |  |  |  |
| he Death of |  |  | 324 |
| The Grecian Epocha of the Sele |  |  |  |
| The Era of the Afmoneans or M | 4548 |  |  |
| The Epocha of Sim |  |  |  |
| The Julian Epocha, or Correct Calend |  |  |  |
| The Beginting of the Reign of Herod |  |  |  |
| The Spanih Era |  |  |  |
| The Battle of Acti |  |  |  |
| king |  |  |  |
| ER |  |  |  |
| The true Birth of |  |  |  |
| The Vulgar or Dionyfia |  |  |  |
| The Paffion or Death of Chrift |  |  |  |
| The Deftruction of Jerufalem |  |  |  |
| The Dioclefian or Era of Marty |  |  |  |
| The Dioclefian Perfecution |  |  |  |
| The Epocha of Conftantine the |  |  |  |
|  |  |  |  |
| The Encænia of Conflanti |  |  |  |
| Phocas makes Pope Boniface Head the Church |  |  |  |
| Mahometbroacheshis ImpoftureatMecc |  |  |  |
| The Epoch | 33 |  |  |
| The Epocha of Yefdej |  |  |  |
| The Jellalxan or Gelxelæ |  |  |  |
| The Epocha of the Reform |  |  |  |
| TheRevolutioneffected by |  |  |  |
| Ep |  |  |  |

36 Partiddge. 1812.

## ROYAL FAMILY, \& \&

## BIRTH-DAYS of the ROYAL FAMILY.

King Georgeill. June 4, 1738 Duke of Cumberland, June 5, 1771 Queen Charlotte, May 19, 1744 Duke of Surfex, Jan. 27, 1773 Prince of Wales, Aug. 12, $1_{172}^{62}$ Duke of Cambridge, Feb. 24, 1774 Duke of York, Aug. 16, 1753 Princefs Mary, April 25, - 1776 Duke of Clarence, Aug. 21, 1765 Princests Sophia, Nov. 3, - 1777 Ds. of Wirtemberg Scpt.29, $1 ; 66$ Princefs of Wales, May 17, 1768 Duke of Kent, Nov. 2, - 1767 Pris. Charl. of Wales, Jan. 7,1796 Prs. Augufta Sophia, Nov. 8, 1768 Drs, of Brunfwick, Aug. 11, 1737 Prs. Elizabeth, May 22, - 1770

SOVEREIGNS of EUROPE, their Acceffion, \&c.

| Kingdoms, | To | When b | n |
| :---: | :---: | :---: | :---: |
| Engla |  | 1738 | 60 |
| Ruflia |  | Dec. 28, 1777 | Mar. 24, $\begin{aligned} & 1808 \\ & 1808\end{aligned}$ |
| Spain | Ferdinand |  | Feb. 24, ${ }^{1808}$ |
| Portugal | Maria <br> Fred.-Wm.JV | Cec. 17, 1734 <br> Aug. 6, 177 <br> di.  | $\begin{array}{ll} \text { Feb. 24, } & 1777 \\ \text { Nov. 16, } & 1797 \end{array}$ |
| enmark \& | Frederick VI. | Jail. 27,1768 | Mar. 13, 1808 |
| weden | Charles XIII. | Oct. 7, 1748 | June 6, 1809 |
| Auftria | Francis I | Feb. 12, 1767 | Mar. 1, 1792 |
| Popedom | Pius VII. | Aug. II, 1742 | Mar. 14, 1800 |
| Sardinia | Victor-Emanuel | May 24, 1751 | June 4, s802 |
| Ottoman Empire | M | July 20, 178 | Ju'y 28, 1808 |
| Two Sicilies, | Ferdinand IV. | Jan, 12, 17 | Oct. 5, ${ }^{1759}$ |
| Frarce, \&c | Napo | Aug. 15, | Dec. 15, 1799 |

The Full Weight of the Coins, with the Least Weight allowed to pafs of the Gold Coin. Wt. allowed. Full Wt.

Full Wt. G OLD. dwt. gr. dwt.gr. SILVER. dwt. gr.


According to the above proportions it appears, that the value or a $l b$. of filver is 625 . or 31.2 s . and of a $l \mathrm{lb}$. of gold is $44 \frac{1}{2}$ guineas, or 461.14 s .6 d . Alfo that the 02 . of filver is 5 s .2 d . and the oz. of gold 31 . 17s. 10 $\frac{1}{2} \mathrm{~d}$. So that the value of the ftandard gold is 15 times that of the filver, and i-14 more.


OF THE

## SUN and MOON,

That will happen this Year, 1812.
In the Courfe of this Year there will be Six Eclipfes; namely, Four of the Sun, and Twn of the Moon; they will happen in the following Order, as they were computed from very accurate Solar and Liunar Tables, founded on the Newtonian System of Gravitation.

THE firt of thefe Eclipfes is a fmall one of the Sun, on Wednefday, the 12 th Day of February, at 8 o'Clock at Night, confequently invifible to us. It will be vifible in high Northern Latitudes, where the Sun is up, far remote from us.

The Second is a great and total Eclipfe of the Moon, on Thurfday the 27th Day of February, in the Morning, and, if the Air prove favourable, will moft of it be vifible here, but not all, the Moon fetting eclipfed. At the Beginning, the Moon will be vertical or directly over their Heads at Midnight, in about 9 deg. North Latitude, ard in 59 deg. 29 min . of Weft Longitude from London; which Place falls near the Ifland of Trinidad, in South America, in the Gulf of Mexico, which was difcovered by Columbus in 1498. At the Middle of the Eclipfe, the Moon will be vertical in 8 deg. 41 min . North Latitude, and in 88 deg .2 min . of Weft Longitude from London; which Piace is not far from Cape Blanco, on the Weftern Coaft of New Spain in North America. At the End of tnis Eclipre, the Moon will be vertical in 8 deg. 25 min . of North Latitude, and 116 deg .35 min . Weft from London; which Place falls in the Great South Sea, a little to the South of a fmall Inand, called Capt. Clipperton's Ifland. From thefe Particulars, it appears, the Beginning of this total Eclipfe of the Moon will be vifible to all the Northern and Eaftern Parts of Europe; as $S$ weden, Poland, Germany, Italy, France, Spain, and the Weftern Parts of Africa; but the End will not be vifible in any Part of Europe or Africa, except at the Azores and Cape Verd Iflands. The Moon will fet with us, on the Eaftern Parts of our Ifland, totally eclipfed; but to the Weftern Partis
thereof, I expect the Moon will be coming out of the Earth's Shadow, before the fers. The Moon rifes eclipfed at the Sandwich and Society Ilands; and the End will extend itfelf as far as the Friendly Iflands, the New Hebrides, and New Zealand, all situated in the Great South Sea. This Eclipfe will be vifible from the Beginning to the End, in buth North and South America, and alfo to all our Weft India Iflands.

With us in Great Britain, the Time and Manner of its Appearance, may be expected to correfpond with the following Type and Times.

 Digits eclipfed at the Middle are $20^{\circ} \quad 40^{\prime}$
Note. -The Moon fets that Morning at London and Parts adjacent, at 49 min . paft 6 o Clock.
H. O. An Horizontal Line.-B, Beginning, E, the End,

The Third is another fmall Eclipfe of the Sun, on Friday the $13^{\text {th }}$ day of March, at 22 min . paft $60^{\circ}$ Clock in the Morning, but the Moon baving great South Latitude at the Time of Conjunction, it will not only be invifible to us, but even to all Europe; it will only be feen in the remote Southern Parts of the Earth.
The Fourth is another fmall Eclipfe of the Sun, on Friday the 7 th of Auguft, at 54 min. paft $40^{\prime}$ Clock in the Morning, with refpect to us; but the Moon has here great South Latitude, fo that it will be invifible to us and all Earope; it will be vifible only in the remote Southern Parts of the Earth, and there very fmall.

The Fifth is another totak Eclipfe of the Moon, upon Saturday the 22d of Auguft, in the Afternoon; it will begin at 10 min . paft nur $10^{\prime}$ Clock; and the End will be at 47 min paft our $40^{\prime}$ Clock: confeguently invifible in thefe Parts. At the Beginning of this. Eclipfe, the Moon will be vertical or directly over Head at Midnight, in Latitude 12 deg. 2 min. South, in Lnngitude 161 deg. 35 min . Eaf from London; which Place falls near the Inands, called Queen Charlotte's ines, in the Great South Sea. At the Middle of this Eclipfe, the Moon is vertical in Latitude 11 deg. 44 min . South, in Longitude 135 deg. 11 min . Eaft from London; which Place falls on the Northern Coaft of New Holland, about 120 Leagues to the Welt of Endeavour Strails, near Arnhein's Lands, in the fame great Ocean. At the End of this Eclipse, the Moon will be vestical in Latitude 11 deg. 27 min . South, in Longitude 1 cg deg. 15 min . Eaft from London; which Place falls about 8o Leagues to the South of the Inland of Great Java, in the fame great Ocean. From this Staiement, it appears, that his Eclipfe will be vifible in Eaftern Tartary, in China, the Philippine Iflands, New Guinea, thofe of Malacca, Borneo, Sunda, the New Hebrides, and the Friendly Iflands, to New Holland, and New Zealand; it will be vifible to all the unknown Southern Parts of the World, quite round the Pole to the Extent of in Degrees or more. It will alfo be feen at the Society and Sandwich Iflands, where the Moon will fet before the Eclipfe is over; it will alfo extend itfelf Weftward as far as the Ifland of Madagafcar, and to the Eaftern Parts of Africa, where the Moon will rife eclipfed.

Digits eclipsed at the Middle will be $22^{\circ}$, from the South Side of the Earth's Shadow.

The Sixth and lat of the fe Eclipfes, is another fall one of the Sun, on Saturday the 5 th of September, at 22 min . pat 7 o' Clock at $^{\prime} \mathrm{Night}$, therefore, invifible to us $;$ it will be vifible only in high Northern Latitudes, where the Sun is up, and there very fall.

For the Sake of my Readers, efpecially the Curious, who have got Tclefcopes, 1 hall now inform them of a visible Occultation or two, of that notable fixed Star called Aldebaran by the Moon; calculated from new and cor, rect Aftronomjcal Tables, for the Meridian and Latitude of London, according to app. Time.
On Thur day, the zed of October, at Night, there happens a beautiful Occultation of Aldebaran by the Moon,
 and vifible to us, if Clouds interpose not. The Star will be feen to immerge behind the Edge of the Moon, as at K , at 57 min . pat $110^{\prime}$ Clock; and will again appear to emerge from behind the Moon, as at E, 51 min. part 12 at Night, after having been hid by the Moon 54 Minutes.
The foregoing annexed Type, flows the Appearance.
The Moon will again Eclipfe Aldebaran, on Wednesday, Night, the 16 th of December, and visible to us, if Clouds interpofe not, and will make a pretty Appearance through Moon will be near the Full, her Light will rathen obscure the Star, which by the Telefcope, will appear very confpicuous and bright. The Star will immerge behind the Edge of the Moon, as at I, at 48 min . pat 9 at Night; and
will appear again, as at E , at 59 min . paft $100^{\prime} \mathrm{Clock}$, after having been coveredby the Moon 71 Minutes. The annexed Type will thew the Manner of Appearance.

Alfo the Planet Venus, will fet late at Night, during the Months of April, May, and Yune, and will be very confpicuous after the Sun is down.

## GENETHLIACAL ASTROLOGY.

IIAVING heretofore, at different Times, given the Nativities of reveral Perfons, and fhown the Pofitions of the Heavens at the Tines of their feveral Births, how the Planets by their Situation, and by being ftrong in their Dignities at such particular Times, as hath been fo deemed by the ancient Students in the Science of Aftro$\log y$, for the Production of remarkable Perfonages, - I fhall now prefent fuch as are Lovers of Starry Verities with another Nativily, as eminent as any I have given; it is the Nativity of a Mr. Thomas Tryon, who being born of mean Extraction, and without any Education as to Learning; yet, by his Induftry, arrived to fuch a Degree of Perfection in Knowledge, as to be the Author and Ufher of feveral valuable Books or Treatifes into the World.

Thomas Tryon was born at a Village called Bibury in Gloucefferffire, 7 Miles N. E. from Cirenceffer, on the 6th Day of September, O. S. a little before Eleven o'Clock in the Morning, in the Year 1634, at which Time the Heavens were in the following Pofition. At 42 Years and 53 Days of Age, being at London, he happened to break his Knee-pan, which was the only Paffage of his Life that he took Notice of; in refpect to Time, therefore, muft fix on that, to find the correct Time of Birth; which was produced by the Afcendant to the Body of Saturn, as follows:

> Afcend: ad b.

万in $f 15^{\circ} 30^{\prime}-$ - A.O. - 28411
A. R. M. C. - 55411

At 42 Years 53 Days dir. © m 4-55 A. R. sub. 21237
Time P. M. - 34134
which, turned into Time, is 22 h .46 min . or $14 \mathrm{~min} \cdot$ before Eleven in the Morning, on the 6th Day of S:ptercber, 1634 .

The Scheme of T. TRYON's Nativity.



His Parents, Wiliiam and Rebecca Tryon, were People of honeft and induftrious Reputation; he being by Trade a Tyler and Plaitterer, and having feveral Children, the active good Woman his Wife, to eafe their Charge, brought them up to Bufinefs very young. Accordingly, Thomas was put to Carding and Spinning of Wool, Giocefterhire being a County ufeful in the Woollen Manufactures, giving Place to few in England, adding great Encouragement at that Time, to Induftry in thofe Parts; and accordingly Thomas, at 6 Years old, was put to Work, wherein he was fo induftrious, and fo expert, that at 8 Years of Age he could spin One Pound of Wool a Day, which came to Two Shillings per Week. This Work he followed till he was 10 or is Years old, and then he began to be weary of the Wheel, and to have a ftrong Propenfity to the Flocks of Sheep; for on Sundays,
though he had worked hard all the Week, he voluntarily would go and keep Sheep for a Penny or Two-pence a Day: This was his Practice for Two or Three Years. - About 12 or 13, his Father would have him go along with him to learn his Trade, whom he obeyed; but ftill his Mind was after the Flocks and Folds, and after a little Time he got himfelf fuch a Poft ; where, finding his Fellow-Shepherds often diverting themfelves with re:ding Story-Books, \&c. it begat a Deffre in him to learn to read; and accordingly, at 13 Years old, he bought himfelf a Primmer, and got now one, then another, of his BrotherShepherds to inftruct him, of whom he learned to read imperfectly. And now, being near 14 Years old, he had fo well profited in the Art of a Shepherd, that he was ac. counted one of the beft Shepherds in the Country, his Flock being in the beft Condition and Proof of any in the Field; which pieafed his Owner fo much, that he gave him a Lamb for his Diligence, which was no fmall Joy to the Juvenile Shepherd; for from this he began to have a finall Flock of his own, being in Tiwo Years increafed to Four in Number. About this Time, having improved himfelf in Reading, he was defirous of learning to write, but was at a Lofs for a Malter, none of his Fel-low-Shepherds being able to teach him. At laft, he bethought himelf of a lame young Man in the Town, who taught poor Children to read and write, to whom he applied, and agreed to give him one of his Sheep to learn him to make his Letters and to join them; and thus in. a fhort Time he attained to write well enough for common Ufe, which he afterwards improved by frequent Practice. About 17 cr 18 Years of Age, he began to be weary of Shepherdizing, and had' a Defire to travel, but knew not how to accomplifh it; he formed feveral Projects in his Head, and effected it, by selling his forall Flock of Sheep (being about a Dozen) for 'Three Pounds, and wirh it went directly to London, and bound himfelf Apprentice to a Caflor or Hat-maker, at Bridewell-Dock near Fleet-ftreet, being at that Time 19 Years old. At 21 Years of Age, his Mafter being an Anabaptift, he began to be of that Opinion, and was baptized in their Way, and continued in it about three Years, in which Tinie he was mightily addicted to Reading and Study, and frequently fat up two or three Hours at going to Bed

Reading; and at that Time Afrology took up fome of his Attention, being much diverted therewith, and alfo reading Books of Physic, \&c. About this Period likewife, he began an abftemious Life, refraining all Manner of Fleft Meat, which he continued to his Dying-day, and drinking of Water for his continual Drink. - This Man went Abroad and became rich.

> [ To be continued. ]

## Judicium Astrologicum, pro Anno 1812.

Or, an Aftrological Judgment upon the Four Quarterly Ingrefics of the prefent Year; and Firft, of the Brumal Ingrefs, or Winter 2uarter.
THIS Quarter begins when the Sun enters the Tropical Sign Capricorn, and that will be on Sunday, the 22 d Day of December, 1811 , at 25 min . paft $40^{\prime}$ Clock in the Afternoon; at which Time 4 deg. of $\mathcal{H}$ are on the

- Mid-heaven, and 8 deg. of $\frac{0}{0}$ are afcending in the Eatt. The $D a b \square r_{2}$ ad vac. $\square$ of $\mathcal{H}$ et $\square$, of the Sun. In examining the Scheme of the Heavens' fet for this Ingrefe, 1 find the Moon has juft paft a Square Afpect of the Sur and Fupiter from Equinoctial and Tropical Signs, the Moon entering her firt Quarter at 30 min , paft 5 that Afternoon; but this is not all, there will very foon follow this Winter Solftice, an Oppofition of the two Superiors, Yupiter and Saturn, from Tropical Signs alfo, and the Planet Mars will come to a Square Afpect of the Planet Saturn the Beginning of February following. In confidering thefe Configurations of the Planets, I find they forebode great Ambiguity in the Political Affairs of the World, and that many Things portended by the Stars, will not as yet be brought to light. This Oppofition of Jupiter and Satura, will, I think, according to the Current of Second Caufes, put forward the Eiffeets of the Comet of 1807, whofe Influence we fill are under, whence I find many remarkable Occurreaces and Actions
will follow in many States and Kingdoms in Europe, unlefs God, of all Power and Mercy, divert his impending Judgments. This Pofition of the two Super:ors, Fupiter and Saturn, will help, it is to be feared, but little towards the Peace and Tranquillity of Ircland, whofe Affairs will ftill meet with Troubles and Difappointments, and alfo I fear often fruftrate Defigns requifite for the Public Good, \&c. There feems by this Ingrefs to be ftill great Impediments to a general Peace; for thefe Configurations of the Planets rather fix, I doubt, than remove our Complaints.


## The SPRING QUARTER,

## Or, The Sun's Tranfit through $\boldsymbol{r}, \boldsymbol{\gamma}$, and II:

THE Spring Quarter begins when the Sun enters the firft Scruple of the Equinoctial Sign Aries; which this Year happens on Friday the 2 oth of Marsh, at 52 min. paft $50^{\prime}$ Clock in the Afternoon, when 28 deg. of II, were on the Meridian, and 28 deg . of m , were afcending in the Eaft. The D ab 8 of $h$, et $*$ of , and a * of $\delta$. The Moon feparating from the Oppofition of Saturn from Angles and Tropical Signs, and at a Time when Fupiter and Saturn are ftill within Orbs of their Oppofition, and which Oppofition will be repeated again in the Month of May following. Thefe Configurations of the Planets, I fear, are not very friendly to England, they certainly are not fo to feveral other Nations and Kingdoms on the Continent of Europe ; they portend Wars, Defolations, and every Diftrefs that is brought on by War, and fuch Calamities. Many eminent and extraordinary Events and Alterations will in the Courfe of this Year come to pafs, in France, Germany, Italy, Spain, and Portugal; in Turkey, and amongft the Northern Powers alfo; to which, I fear, I muft add Great Britain and Ireland; and, indeed, moft of the European Powers feem to be concerned in one Shape or other, for there is yet a Atrange Spirit of Difcord amongft Mankind. The United

States of Anerica will not be free from Difcords and other Troubles, yet that People will act with fome Caution and Prudence in their Affairs. The French, and alfo Great Britair, will appear very formidable to the furrounding Nations, for War appears ftill to be the Fafhion of the Day, to the great Concern of many. But I hope the good Angel of God will direct his Majefty and Council, fo that by their Wifdom and prudent Management, many Evils to the Hurt of thefe Realms, may be prevented or greatly ameliorated.

## The SUMMER QUARTER,

Or, the Sun's Tranfit through $\sigma_{0}, \Omega$, and 加.

THIS Quarter begins when the Sun enters the Tropical Sign Cancer, which this Year happens on Sunday, the 21 ft of June, at 28 min . paft $30^{\prime}$ Clock in the Afternoon, when 7 deg. of $i \eta$, poffess the Horofcope, and

- 29 deg. of $\zeta$, cut the Mid-heaven. The Moon is Angular in the Afcendant, departing from a of $ㅇ$ and $\triangle$ of $\widehat{\sigma}$ and 24. And jult before this Ingrefs, there happens an 8 of $h$ and 8 , from Tropical Signs, and allo before Fune is out, Fupiter and Mars come to a Conjunction. The Sun alfo comes to an Oppofition of Saturn. Moft of thefe Planetary Configurations are of a very untoward and rugged Nature, therefore this Ingrefs, like the former, denotes great Changes and Viciffitudes in States and Kingdoms, both in Reference to Religion and other Matters; for Hiftory abundantly informs us, that fuch Configurations of the Planets are oftentimes the Forerunner of fome new Prince fucceeding to a Throne; befides, from the inflamed Spirits of Men, Wars and Tumults, Broils and Sedition, naturally proceed; the Affairs of Spain and Portugal, with fome other Countries I could name, are ftill in a woeful Situation.


## The AUTUMNAL QUARTER,

Or, T'be Sun's Trangit tbrough $\bumpeq, ~ m$, and $\uparrow$.
THIS Quarter begins when the Sun enters the Equinoctial Sign Libra, making again our Days and Nights equal, which happens this Year on Wednesday the 23 d of September, at 22 min . paft $50^{\prime}$ Clock in the Morning; when 21 deg. of $I I$ are on the Meridian, and 23 deg. of $n$ are on the Eaftern Angle; the Moon is in the 8th Houfe applying to a Trine Afpect of Saturn, and to a Square Afpect of 7 upiter, Mars and Mercury are in Conjunction in the 12 th Houfe. Thefe are the principal Configurations at the Time of this Ingrefs, which imply great Murmurings and Complaints among the People in general, becaufe of the Times. I fear our Work is not yet finifhed, nor the Sword put into the Scabbard, for there is ftill a Snake in the Grafs.

## IINIS.

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