(2)

ICUSAND TICKETS.
thall 26 th THIS MONTH.
:APITAL PRIZES.
IND HHONRI, reet, Value $£ 25,000$,

| 0 | $6 \cdots-\cdots$ of--- $£ 3,000$ |  |
| :--- | :--- | ---: |
| 0 | $1-\cdots-\cdots$ | 2,000 |

r the Sum of $£ 104,000$.
taken at the lowest estimate, and Property will very considerably $s$ have been made by various perof the Houses at the prices they proposed that those Prizes which res, shall be sold, and the produce ers according to their respective

OF TICKETS AND SHARES.
---------------197. 19 s.

| 0 | Eighth $-\ldots-.-£ 1$ | 2 | 0 |  |
| :--- | :--- | ---: | ---: | ---: |
| 0 | Sixteenth--- | 0 | 11 | 0 | are now selling by

## ritchard, ERBY,

GENT TO
OMB \& Co. London, BY WHOM
led to ——£20,000

the last State Lottery; likewise ad only $£ 40,000$ ever sold, IXTELAN SIXISLINTHS.

TWENTY TIIOUSAND To be drawn in Guildhall 26 LIST OF CAFITA TNIT GMRAND No. 9, Skinner-Street, 1— of - £7,000 4- — - 6,000 7 - — 4,000 Making together the Sur

The above valuation is taken al there is no doubt that the Propert increase in value, Offers have be soas to purchase several of the are estimated; and it ss proposed are divided into small Shares, sha paid to the share-fiolders acco Shares.

PRESENT PRICE OF TYCK Tieket

| Malf----------- | $£ 4$ | 4 | 0 |
| :--- | ---: | ---: | ---: |
| Quarter---- | 2 | 3 | 0 | Which are now

W. Prit

AGLNT
Sir J. BRANSCOM
by wh
14,223 - entitled to
12,909
10,276
12,862
12,197
Were all Shared in the last S 2,570, the first and only Was Shared in SIXTEE

## Merlinus Liberatus.

## A N <br> ALMANACK

 For the Year of our Redemption, 1816,
## Being the Bifextile, or Leap-Year ;

## And from the Creation of the World, according to the beft Hiftory, 5763, And the 128 th of our Deliverance by K. William

 From Popery and Arbitrary Government; But the 13sth from the Horrid, Popish, 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 vatious Configurations, Afpects, Conjunctions; Lunations, Eclipfes, Aftionumical, Aftrological, Meteorological Obfervations, the rifing and fetting of the Sun, Moon, Planets, and fixed Stars, illuffrated with Tables of the Tides, Terms, and daily Equation of Clocks; Length and Bresk, Increafe and Decreafe of Days, Semidiurnal and Seminocturnal arches for feveral Latitudes; a Chronology; Remarks on the Divifions of the Heavens, with Judgments of the Ecliples and Seafons, handled according to the Rules of the Ptolomean Attrology, with many othet Things relating to the Truth of Aftrology.

Calculated for the Meridian of London.

- Etiam Mortuus loguitur.

$$
L O N D O N
$$

Printed for the
Ey William Thozne, Red Lion Court, Fleet Streft And S.Li bj Grorce Greenhile , at their Hall, Ludjard Stzeet.
[Price fitched Two Simluings \& Three Pence.]



4 February hath XXIX Days.

Now in the Air, Winds meet with fuch a Shock, That thund'ring Skies by their Encounters rock; Heaven's Archers, Arrows cv'ry where bestow, Headed with Ice, feather'd with slect and Snow.

| M | h | 24 | 8 |
| :---: | :---: | :---: | :---: |
| D | $2 m$ | $m$ | 8 |
| 1 | 14 | 9 | $I I$ |
| 6 | 15 | 10 | 22 |
| 1 | 16 | 10 | 22 |
| 16 | 16 | 10 | 21 |
| 21 | 17 | 10 | 21 |
| 26 | 17 | 10 | 21 |

 29 Th Sunfets 523




















| 24 December hath XXXI Days. |  | M ${ }_{\text {M }} \mathrm{D}$ |
| :---: | :---: | :---: |
| December now to th' old Year brings an End; Kecp warm thyfelf, and entertain thy Friend; Relieve the Poor, whom thou know'ft want Relief, With Chriftmas Pies, choice Beer, and good roaft Beef. |  |  |
|  |  | 61926 |
|  |  | 12027 |
|  |  | 162028 |
|  |  | . 212025 |
| M W Sundays and |  |  |
| D D Remark. Days. | - $\quad \mathrm{m}$ ¢f |  |
| 1 I Advent Sunda | 9115 1 ¢ 27 22 10 28 |  |
| 2 M Sun rifes $75^{8}$ |  |  |
| 3 Tu |  |  |
| 4 W Sun fets 40 |  | $t$ the |
| 5 TH | $\begin{array}{lllllllllllllll}13 & 18 & 20 & 38 & 24 & 15\end{array}$ |  |
| 6 F Ni | 19300272516 |  |
| 7 S | $15 \quad 2016$ 29 2618 |  |
| 8 T 2 Si in Advent | $11^{6}$ | ne for the |
| 9 M [Concep. | $1782213 \Omega 14272011$ |  |
| 10 Tv | 18 23 $26 \quad 55282112$ |  |
| 11 W |  | - 万 |
| 12 TH | $20.2524 \quad 52292415$ |  |
| 13 F Lucy | $269 \bumpeq 4$ f 25 | Cloudy and |
| 14 S | 2823 24:126 |  |
| 15 - 3 |  | 7 |
| 16 MOS Sapi | $24 \quad 3022144229$ |  |
| ${ }_{17} 7 \mathrm{Tu}$ Ox. Term ends 2 | 25 31 $6 \ddagger 353 \mathrm{~mm}$ |  |
| 18 W Ember Weak | $\begin{array}{llllllllll}26 & 32 & 20 & 47 & 4 & 1 & 25\end{array}$ |  |
| $19 \mathrm{TH}_{4}$ Sun fets $35^{2}$ | $27 \quad 3314$ ¢゚45 |  |
| 20 F | $28 \quad 3418 \quad 26$ |  |
| 21.5 | 3612 mm 47 |  |
| $22 \mathrm{I}+\mathrm{S}$. in Adver | Off 371416 6 6 | , |
| 23 M Sun rifes 88 | 38 27 26 7 7 | Reet |
| 24 Tv | 39 9*47 89 | ar this tim |
| 25 W Chrifm |  |  |
| $26 . \mathrm{TH}$ St. Stephen | $44^{42} 3 \boldsymbol{r r a r a l}^{11}$ |  |
| 27 F St. Joh | $5{ }_{5}^{5} 4315042: 1212$ |  |
| 28 S Innoce | $6-4427 \quad 33{ }^{111} 133^{11}$ | ofs |
| 29 S. aft. Chritma | 7459 ४ $29111^{8}$ | near the end. |
| 30 M Sun fets 354 | $84^{8} \mathbf{2 1} 3312$ |  |
| ${ }_{12} \mathrm{Tu}$ Silvefter | 94731151131716 |  |



| E |
| :---: |
| $\text { tes, and } \mathrm{M}$ |
|  |
| A Table of the 12 Signs，Planets，and Afpects． |
| or $a+$ Hot and dry，Fiery／ 8 叫 wo Cold \＆dry，Earshy II $<=\mathrm{Hot}$ and moif，Airy ■ $m x$ Cold \＆moift，W atery r $\{\neq \square \triangle$ п Diur．Mafcul． <br>  ケロ\＆\＆fCardinal \＆Movea． ช $\Omega m \approx$ Fixed Signs <br>  H\＆$M$ are Barren \％m 3 Fruitful Signs a $x$ Bicorporeal |

## A TABLe of Terms and Returns.

Hilary Term begins Jainsary 23, ends Fehruary 12.
Returns or Efroign Days.


 | On the Morrow of the Purif. of b1. V. M. F.b. |  | 4 | 5 | 6 | Fuesd. |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |



Ealter Term begins May 1, ends May $27{ }^{\circ}$
In 15 Days of Eafer, :- - - Ajhril $\left.28\right|^{29} \mid \$ 0$ M1 Wednes.

From the Day of Eaffer in 3 Weeks, May | 5 |
| :---: |

From the Day of Eafter in 1 Month, - - 12 13 13 14 15 Wednc

Trinity Term begins Fume 14, ends Fuby 3.

Michaelmas Term begins Now: 6, ends Norj. 28.
On the Morrow of All Souls, - - - Nuv. $314 \left\lvert\, \begin{aligned} & \text { Wednef. }\end{aligned}\right.$
 In eight Days of St. Martin, . . - - 1819 20 21 Thursd. In fifteen Days of St. Martin, . . . . $25126{ }_{27} 28$ Thursd.
N. B. No Sittings in Wefminfor-Hall on the 2d of Febratry, djcen fron Day, and Midfummer Day.

The Exchequer opens Eight Days before any Term begins, except Tri nity, before which it opens but Eour Days.
Note, That the firt and laft Days of every Term are the firf and lat Days of Appeazance.

OXFORD and CAMBRIDGE TERMS. Qxford Terms.
Lent Term - begins fanuary 14, - ends April 6. Eäter Term - hegins April24, - ends Fune 1. Trinity Term - begins $\mathcal{F}_{\text {une }} 6$, - ends fuly 6. Michaelmas Term begíns October 10, - ends Dec. 17. The AEt is $\mathcal{F}_{\text {uly }}$ 2.
Cambridge Terms.
Lent Term - - begins fanuary 13, - - ends Ahril 5. Eafter Term - begins April 24, . - ends fuly 5. Michaelmas Term begins OZZober 10, . . ends Dec. 16. Tho Commencement will be $\mathcal{f}_{\text {uly }} 2$.


|  |  |  | , | T | L |  |  | 99 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A plain and eafy TABLE, fhewing the Time of HIGH WATER. |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |
| D's | h m | h m | h ni | h m | h | h | - | 1 |  |
|  | 1138 | 130 | $248$ | 530 | , | 7 | 1 |  |  |
|  | 1226 | 2 18 <br> 3 6 | $\begin{array}{ll}3 & 36 \\ 4 & 24\end{array}$ | $\begin{array}{rr}6 & 18 \\ 7 & 6\end{array}$ | 656 | 8 | $1 \begin{array}{ll}11 & 3 \\ 2 & 2\end{array}$ |  |  |
|  | $\begin{array}{ll}1 & 1 \\ 2 & 4 \\ 2\end{array}$ | $\begin{array}{ll}3 & 6\end{array}$ | 424 | 7 | 744 |  | 24 |  |  |
|  | 22 2 <br> 2  | 354 | 512 | 754 | 832 | 9 | 112 |  |  |
| $\begin{array}{ll}4 & 19 \\ 5 & 20\end{array}$ | 250 | 442 | $6 \quad 0$ | 842 | 920 | 1045 | 2 |  |  |
|  | 338 | 530 | 648 | 930 | 108 | 11133 | 248 |  |  |
|  | $1 \begin{array}{lll}4 & 26 \\ & 5\end{array}$ | $\begin{array}{rrr}6 & 18 \\ 7 & 6\end{array}$ | $7{ }^{7} 36$ | 1018 | 105 | 1221 | $\begin{array}{ll}3 & 36\end{array}$ |  |  |
|  | 514 | $\begin{array}{rrr}7 & 6 \\ 7 & 54\end{array}$ | $\begin{array}{lll}8 & 24 \\ 9 & 12\end{array}$ | 11 | I 44 | 1 | 424 |  |  |
|  | 650 | 8 84 | 10 | 1242 | 120 | 245 | 0 |  |  |
| 1025 | 738 | 930 | 1048 | 130 | 28 | 3 | 648 |  |  |
| 1120 | 826 | 1018 | 1136 | 28 | 256 | 421 | 736 |  |  |
| 122 | 914 | 116 | 1224 | 36 | 344 | 5 | $8 \quad 24$ |  |  |
| 13 | 102 | 1154 | 112 | 354 | 432 | 557 | 91 |  |  |
| 1429 | $10 \quad 50$ | 1242 | 20 | $14^{2}$ | 520 | 1645 | 10 ol |  |  |

Table of Break of Day, of Sun Rifing and Setting, and Length of the Day. Day |B.D. 'S. R.|S. S.|L. D. |1Day B.D. S. R. S. S.| L. D. Mon h. m. h. m. h, m. . h.m. $\frac{\text { h }}{51}$

## Rising and Setting of Stars. 31

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.

|  | $\begin{aligned} & \text { Rife } \\ & \text { h. m. } \end{aligned}$ | South <br> h. m | h. m. | O- | h. m | h. |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | M | ${ }_{4}$ |  |
|  |  |  |  |  |  |  |  |
|  | 11 M 39 | 56 |  |  | $\mathrm{HIA}_{4}$ | : 86 |  |
|  | 118 | 31 | 3 51 | 17 | II 29 | 46 |  |
|  | 10 | $7{ }^{7} 13$ | $3 \quad 30$ |  | $1{ }_{1}$ | 26 |  |
| 27 | $10 \quad 35$ |  |  |  | 10 49 |  | 3 |
|  | 101 |  | 49 |  |  |  |  |
|  | 95 | $6 \quad 12$ | 229 |  |  | $6 \quad 27$ |  |
|  | 93 |  |  |  | 948 | 65 |  |
| -17 | 912 | $5 \quad 29$ | I 46 |  | 929 | 46 | 2 |
| ${ }^{\text {c }}$ | $8 \quad 52$ |  | I 26 | 22 |  | $\begin{array}{lll}5 & 27\end{array}$ |  |
| 27 |  |  |  |  |  | 5 |  |
|  | $8 \quad 15$ |  | 12.A49 |  | 83 | 451 |  |
|  | $7 \quad 56$ | 15 | $12 \quad 30$ |  |  | 433 | - 50 |
|  | 745 | 42 | $12 \quad 19$ |  | $7 \quad 5$ | I |  |
|  |  | 54 |  |  | $7 \quad 3$ | 53 | $\bigcirc 10$ |
|  | 77 | 24 | 118 |  | 78 | 39 | $\mathrm{IrM}_{5}$ |
| 27 | $4 ?$ |  | $11 \quad 23$ | 27 | 58 | 316 | II |
|  |  | 230 |  |  | 6 |  |  |
|  | $5 \quad 51$ | 28 | 1026 |  | 64 | 21 | 1031 |
|  | 33 | 50 | 10 | \% | 44 | 22 | 1019 |
|  | 14 | 131 | 943 | $\bigcirc 22$ | 26 | 43 | 10 |
| 27 | 55 |  |  |  |  |  | $9 \quad 48$ |
| 2 | $4 \quad 37$ |  |  |  | 448 |  |  |
|  | 44 17 | - 34 |  | - 6 | 28 | 45 |  |
|  | 358 | - 15 |  |  |  |  |  |
| 17 |  | rıM5: | 812 |  | 43 | -A |  |
| 22 | 18 | II 35 | $7 \quad 52$ |  | 23 | II 40 |  |
| 27 | $2 \quad 58$ |  |  | 乙27 |  | 11 |  |
|  | $\begin{array}{ll} 2 & 38 \\ 2 & 18 \end{array}$ | $\begin{array}{ll} 10 & 55 \\ \text { 10 } & 35 \end{array}$ | $\begin{array}{ll} 72 \\ 6 & 52 \\ \hline \end{array}$ |  | 240 | $\begin{array}{ll} \hline 10 & 57 \\ 10 & 39 \end{array}$ |  |
| E 12 | , | 10 |  |  | 156 | 1013 |  |
| E17 | 132 | 949 |  | 17 | 134 | 951 |  |
| 22 | $1 \quad 12$ | 929 | 546 |  | 1 |  | 546 |
| 27 | - | 98 | $5 \quad 25$ |  | - 50 | 9 71 |  |

A Table of the Increafe and Decreafe of Days for every other Day throughout the Year.


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

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 : Firf, find the Longitude for the Day propofed, with which enter this Table, and take out the Semidiurnal Arch thereof, which being added to the Time of Southing, gives the Setting, but fubtracted the Rifing.


| CHRONOLOGY. |  | 33 |
| :---: | :---: | :---: |
|  | $\left\{\begin{array}{l} \text { Julian Annin } \\ \text { Period } \\ \hline \end{array}\right.$ | $\begin{aligned} & \text { Ante } \\ & \text { hrift } \end{aligned}$ |
| Daniel delivered from the Den of Lions | 4176 | 538 |
| The Temple of Jerufalem rebuilt | 41983488 | 520 |
| CyrustheFounderofthePerfianMonarchy | 4178347.2 | 536 |
| The Regifugium Epocha | 420; 3500 | 508 |
| The Battle at Marathon | 42233517 | 491 |
| Xerxes's Defeat at the Battle of Salamis | 42343528 | 480 |
| The Beginning of the Peloponnefian War | 42813575 | 433 |
| Meto the Athenian began his Cycle | 42823576 | 432 |
| Danicl's 70 Weeks of Years began | 42693564 | 444 |
| The Beginning of the Callippick Period | 43833677 | 331 |
| The Death of Alexander - - - 43 | 43903684 | 324 |
| The Grecian Epocha of the Seleucida | 44023695 | 312 |
| The Era of the Afmoneans or Maccabees 4 | $454^{8} 3841$ | 166 |
| The Epocha of Simon - | 4570386 | 143 |
| The Julian Epocha, or Correct Calend. | 46693962 | 46 |
| The Beginning of the Reign of Herod 4 | 46773970 | 37 |
| The Spanifh Era - - - - 4 | 46763969 | 36 |
| The Battle of Attium | 46833976 | 31 |
| The taking of Alexandria - - - | 46843977 | 30 |
| The Epocha of the Title of Augutus - | 46873980 | 27 |
| The true Birth of CHR IS ${ }^{\text {P }}$ | 47104005 |  |
| The Vulgar or Dionylian Years of Chrift | 47144009 | $\begin{gathered} \text { Anno } \\ \text { Chriti } \end{gathered}$ |
| The Paftion or Death of Chrift - - 47 | 47464041 | 33 |
| The Deftraction of Jerufalem - - 4 | 47834078 | 70 |
| The Dioclefian or Era of Martyrs - 4 | 49974292 | 284 |
| The Dioclefian Perfecution - - 5 | 50154310 | 30.2 |
| The Epocha of Confantine the Great 5 | 5019431.4 | 306 |
| The Council of Nice - - - - 5 | 50384333 |  |
| The Encania of Confantinople - - 5 | $5043 \mid 4338$ | 330 |
| $\left.\begin{array}{l}\text { Phocas makes Pope Boniface Head of } \\ \text { the Church }\end{array}\right\}$ | $5319+614$ | 606 |
| Mahomet broacheshis ImpoftureatMecca 5 | 53214616 | 608 |
| The Epocha of the Hegira - - 5 | 53354630 | 622 |
| The Epocha of Yerdejerd - - - 5 | 53454640 | 632 |
| The Jellalæan or Gelwlæan Epocha | 57925087 | 10\%9 |
| The Epocha of the Reformation - - |  | 1517 |
| TheRevolutioneffected by King William 6 | 640156961 | 1688 |
| The Britifh Epocha, or correct Kalendar 6 | 646557601 |  |

## 36 Partridge. 1816. <br> ROYAL FAMILY, \&c.

BIRTH-DAYS of the ROYALFAMILY. King GrorgeiII. June 4, $173^{8} \mathrm{P}$ Prs. Elizabeth, May 22, - 1770 Queen Charlotte, May 19, 1744 Duke of Cumberland, June 5, 1771 Prince of Wales, Aug. 12, 1762 Duke of Sulfex, Jan. 27, 1773 Duke of York, Aug. 16, 1763 Duke of Cambridge, Feb. 24, 1774 Duke of Clarence, Aug. 21, 1765 Princefs Mary, April $25,-1776$ Ds. of Wirtemberg Sept. 29, 1766 Princefs Sophia, Nov. 3, - 1777 Duke of Kent, Nov. 2, $\quad 1767$ Princefs of Walee, May 17, 1768 Prs. Augufta Sophia, Nov. 8, 1768 Prs. Charl. of Wales, Jan. 7, 1796


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



According to the above proportions it appears, that the value of a $l b$. It fitver is 62 s . or $3^{\frac{1}{1} .25}$. and of a $l \mathrm{lb}$. of gold is $44 \frac{x}{2}$ guineas, or 461 . 14 s .6 . Also that the oz. of filver is 5 s .2 d . and the $o z$. of gold $31.17 \mathrm{~s} .10 \frac{1}{2}$ re So that the value of the fandard gold is 15 times that of the filver, ard 1- 14 mose.


## ECLIPSES

## OF THE

## SUN and MOON,

## That will happen this Year, 1816.

Within the Compafs of this rear there will happen Four Eclipfes; Two of the Sun, and Two of the Moon; they will happen in the following Order, as they were computed by Mr. Andrews, from newv and very exact Aftronomical Tables, founded on the Syfem of Gravitation of the great Sir IsaAc Newton, which Tables are found wonderfully to agree with the Heavens.

THE Firt is an Eclipfe of the Sun, on Monday, the 27th of May, about our Three o' Clock in the Morning; confequently invifible, not to us only, but even to all Europe; but in the unknown Southern Parts of the Earth it will be a very great Eclipfe; for in 58 Deg. $5^{2}$ Min. of South Latitude, and in 138 Deg. 26 Min . of Ealt Longitude from Lendon; namely, in the Great South Sea, the Sun will be centrally eclipfed at Mid-day, or Noon, not total, but annular; a bright Circle of Light will appear round the Sun, beautiful to behold. This Place falls near a Track that Captain Cook took in his Voyage round the World, in 1775 , Weflward of the ffland of New Zealand; hence it appears that this Eclipse will be vifible at New Zealand and alfo at New Holland, and all along the Coaft of it, called New South Wales; and therefore vifible at Botany Bay and Port Jackron.

The Second is a total Eclipie of the Moon, Trinity Sunday, and Trinity Monday, the gth and ro:h of June, and if Clouds interpofe not, may be seen by us in this Kingdom, and not by us only, but alfo by the Inhabitants of all the States and Kingdoms in Europe and Africa; together with the Weftern Parts of Afia, and the Eaftern Parts of America; but in Siam, China, and Chinefe Tartary, \&c. in the Eaftern Parts of Afia, the fore-part only will be vifible, the Moon fetting with them before the Eclipfe is over. It will alfo be vifible in South America; but in North America the Moon will only rife eclipsed, as
appears by confldering her Pofition, in refpect of thofe Parts of the Earth, during the Time of the Eclipfe; for at the Beginning the Moon will be vertical, or right over Head, at Midnight, under 23 Deg . 8 Min . of Scuth Latitude, and 6 Deg. 22 Min. Eaft Longitude from London. At the Time of the middle the Meon is vertical under 23 Deg. 19 Min. of South Latitude, and 18 Deg. 49 Min. of Weft Longitude from London. At the End of the Eclipfe the Moon will be vertical under 23 Deg. 28 Min. South, in Longitude 44 Deg. 15 Min. Weft from London. All which Haces fall in the Great South Sea.

With us in Great Britain it may be expected nearly to correfpond with the following Type and Calculation.


N. B. The Time of this Eclipfe will be 5 Min. fooner at $O x$ ford, at Lincoln about 2 Min . fooner, than at London. The Time at Cambridge and Royfon will be nearly as the Time at London.

The Third of there Eclipfes is a notable one of the Sun, upon Tuefday the 1gth Day of Noiember, in the Morning, vifible in thefe Parts of the Globe. It will be firft feen to begin upon the Sun's vertical Point at his rifing, in the Atlantic Ocean, in Latitude 47 Deg. 55 Min. North, and in 10 Deg. $5^{1}$ Min. of Weft Longitude from London, which Place is about 4 Degrees to the Weft of the Ifland of UThant, near the Coaft of France. The central Eclipfe begins near the Arctic Circle, in 66 Deg. 18 Min . of North Latitude, and in o Deg. 15 Min. Eaft Longitude from London ; from thence it will direct its Courfe towards the South-Eaft, pafs over fome Parts of Norway, and the Coaft of Srweden, near the Categate, crofs the Baltic, and the Ifland of Bornbolm'; then enter Pomerania, and pafs over fome Parts of Poland, Hungary, European Turky, and, entering the Black Sea, the Sun will there be centrally and totally eclipfed at Noon-day; namely, in the Meridian; and this falls in 43 Deg. 24 Min. North Latitude, and in 29 Deg. 42 Min. of Eaft Longitude from London, which Place is about 150 Geographical Miles, N. N. Ealt of Confantinople; then leaving the Black Sea, it enters Afiatic Taitary, crofies that Country into Persia; bending its Courfe more northerly, it paffes over the Northern Parts of Hindoofian, into the great Empire of China, where the central Shade quits the Earth with a feting Sun; which Place falls in the great Defart of Cobi, in 35 Deg. 55 Min . of North Latitude, and 83 Deg. 10 Min. of Eaft Longirude from Londion; through all which Track the Spectators will be involved in a kind of gloomy Darknefs, even like that at Midnight. The whole Penumbra leaves this Terraqueous Globe in ${ }_{13}$ Deg. 20 Min. of North Latitude, in 73 Deg, 26 Min . of Eaft Longitude from London; namely, in the Arabian Sea, not far from the Malabar Ccaft in the Eaft Indies; in which Place the Eclipfe will be laft feen to end with the fetting Sun. This Eclipfe will be vifible to all Europe, the Northern Parts of Africa, and the Weftern Parts of A/ja. This Eclipfe, where total, will not be of long Continuance, for the Moon's vifible Diameter only exceeds that of the

Sun's by about 46 Seconds, at its greatef Altitude, and in the Horizon but by about 27 Seconds; however, the Eclipfe will be tutal all along the centrai Track, and for fome Diftance on each Side of it. Note, $v$ the Sun's upper Limb; and B where the Eclipfe will begin; and E where it enus.

The following 'Type, adapted to the City of Oxford, may, witnout fenfible Error, lerve all Parts of the fe Kingcoms, the Quantity of Light excepted ; and that may be nearly eflimated from the fubfequent Calculacions. The Type for the City of Oxford.


N. B. At Greenwich and London the Moon will make the firt Impreffion on the Sun's Dife, at 18 Deg . 19 Min . from the Sun's uppermoft Point on the Right Hand, and nearly as is thown in the Type above for Oxford, and the Eclipfe begins accordingly. In viewing the Sun, during the Time of the Eclipfe, I would advife thofe that have not proper Telefcopes to ufe a dark Glafs, or a Piece of Window Glafs fmoked over the Flame of a Candle, as the beft Security to their Eyes. There will not be another

Eclipfe of the Sun, fo large as this is, until the Year 1820, vifible in England.
The Fourth and laft of thefe Eclipfes is a partial and vifble one of the Moon, upon Wedrefday, the 4th Day of December. At the Time of the Middle, or greatef Obfcuration, the Moon will be vertical, or directly over Head, at Midnight, to the great Sandy Defart of Arabia, in Afa, in Latitude 22 Deg. 53 Min. North, and Longitude 48 Deg. $5^{2}$ Min. Eaft from London; in this great Defart the Arabs remove from Place to Place, partly for the fake of Pafure, and partly to lie in wait for the Caravans, which they often rob, as they travel over that Part of this Defart from Bafarah to Aleppo, towards Mecca, in order to vifit Mahomet's Tomb. This Eclipse will alfo be vifible in Africa, and the lifand of Madagafoar, and all the lefser Inlands of the Eaftern or Iwdiar Sea; it will be vifible inf Sumatra, the Mogul's Empire, in Arabia, Perfia, all Europes, Iceland, and Gricullands but the Moon only rifes eclipfed in Ne-wfoumdland, and the fame to the Eaftern Parts of North and Soust America:

In this Inand of Groat Brixain the Time and Manner of its Appearance may be expedted to correfpond with the following Type and Calculation.

The Type for Low doa and York.


# Obfervations on Aftrology. 



Note. - The Time of this Eclipfe will be nearly the fame at Cambridge and Royfon, as it is at London, both being under the fame Meridian. At Oxford the Eclipfe will happen 5 Min. fooner than at London; at Lincoln it will be heat 2 Min . fooner, as alfo at Grantham.

I wifh it fair, that Artifts may defrry
Thefe various Eclipfes, to verify
Their Calculations; if it chance to rain,
Or if 'tis cloudy, then we watch in rain,
All Truth's not kiown yet in Afrönoing,
Why do Men carp then at Aftrology :

## Judicium Astrologicum, pro Anno 1816.

C., an Aftrological Fudgment upon the Four Quarterly Ingrefses of the prefent Year; and Firft, of the Brumal Ingrefs, or Winter Quarter.

> Amount my Muse, let not thy Virgin Flower Be timpled down by any lower Power, 3ut soar aloft to the celestial Stars; And then declare when they do frown us Wars, Or smile as Peace. O Lord, assist my Pen; Mike it a welcome Legate unto Men.

1Shall begin, as heretofore, my Aftrological Remarks with the Winter Solftice, as it falls within the new Year, excepting a few Days. This Quarter then begins on Friday the 2 id Day of December, 1815, at 46 Min. paft 3 o'Clock in the Afternoon; at which Time, the lalt Degree of $I \mathrm{H}$, is afcending in the Eaft, and 24 Degrees of $\mathrm{m}_{\mathrm{m}}^{\mathrm{m}}$ are on the Medium Coli. The Moon is under the Earth, departing from a Sextile Afpect of Venus, and a Square Afpect of Mercury. The Planet Mars is frong
in his own Domal Dignities, located in the Ith Houfe. The Planet Saturn is in the gth Houfe, in a Square Afpect of Venus. The Sun is going down in the Weit, and the Moon is with Jupiter, Venus and Mercury, under the Earth. Thefe are the principal Configurations of the Planets at this Tropical Ingrefs; of late Years, many remarkable Things and Occurrences have turned up and taken Place, and amongtt the reft no lefs wonderful, was the Return of Buonaparte to the Throne of France, which Cifcumftance excited no little Alarm and Agitation amon's the crowned Heads of Europe! And indeed, I expect from the Planetary Configurations at this Ingrefe, fome further Occurrences are likely to take Place, some of which have already tranfpired, and others are now on the Anvil of State; for many emnent Councils and great Confultations a:e at this Time carrying on in the various Cabinets of Europe; for Kings, Princes, and other Potentares are much perplexed and difturbed at all the great and late Events. The French Nation has been threatened by the hoftile Armies of the furrounding Powry ers, which has caufed great Difturbances in that Countrys, together with Civil Broils and Contentions amongft themfelves. I doubt fomething of Civil War has been fomented in France by Foreign Powers! Indeed, if all Nations would but confider the great Evil there is in War, as it 13 amongft the Plagues with which God often threatens finfuif Nations, and is of itfelf a diabolical Work, which ravages the fair Face of God's Creation, and hurls Deftruction amongt the nobleft of his Creatures in this World; the A betcors of this Evil, be who they may, will furely have to anfwer for it at the Throne of God. How blind the Politics, how infatuated the People, that can make even War any ways palatable to the Tafte! The Influences and Effects of the Planets at this Time, together with the 8 of 4 and $\sigma$, and the $\square$ of $T_{2}$ and $\sigma$, now coming forward, will affect feveral Parts of Germany, together with France, Holland, Portugal, Spain, and even Italy. Several of the Earopean Powers are fill active, and I ra. ther expect will be more fo in the Spring following ; a prefent they feem to be confulting and contriving fuck Ways and Means, as may bring about fome importan Event. England, I am afraid, is too much connected wit Continental Affairs, which I doubt will be, in the End, $t$ her Detriment and Lofs; for I expect ih will suffer i
fonic Degree from the Infults of open Enemies, and the Perfidy of pretended Friends; yet fhe will, I hope, in the End, triumph over both, as appears by the Pofition of the Planet Mars, who is the proper Significator of England, being ftrong, in an Aftrological Senfe, in the 1tth Houfe of the Figure, fet for this Tropical Ingrefs. And I am forry to obferve, that during the enfuing Winter, there will be, as ufual, great Complaints of heavy Taxation, with murmuring and repining againf Men in Authority.

## The SPRING QUARTER,

 Or, the Sun's Tranfit through $\boldsymbol{\gamma}$, $ช$, and $\boldsymbol{I}$.1HE Sun, that glorious Body, that Fountain of univerfal Light and Life to the whole World, will How begin to difplay his genial Influerice on us in thefe Northern Regions, by entering into the Equinotial Sign Aries, which by my Calculations, he will do this Year, on Wadicsday, the zoth Day of Marb, at 9 Min. paft 5 o'Clock in the Afternoon, at which Time 21 Deg. \%f Virgo afcend the Eaflern Horizon, and 18 Deg. of Gemini will culminate. The Sun is going down in the Weft ; the Planet Mars has juft palt the Meridian, and pofited in the $9^{\text {th }}$ Houfe, near the Seven stars; the Plazet Jupiter is pofited in the 2d Houfe; the Moon is in the lower Angle; and the, Planet Saturn and Venus are in Conjunction in the $5^{\text {th }}$ Houfe, but ncar the Cufp of the 6 th; and the Planet Mercury is pofited in the 6 h , near the Cufp of the 7 th H ufe. The $D$ ad $\square \odot$, et ad $*$ of $\nsucc$, et $*$ of Jupiter. Thus fands the Face of the Heavens at this Vernal Figure. In confidering the Planetary Configurations at this Ingrefs, it appears to me, that fome Occurrences of Moment will taks Place during this Year 1816; and are ever nuw on the Anvil of State; many eminent cottacils, and great Confultations, are fecretly carrying on in the Cabinets of. Kings, Princes, and other great Potentates of the Earth. The Powers of Europe, nevertheiefs, are much divided amongit themfelves, each Power feems to be feeking its own Interelt, more than the Public Weal. The Frencb are Atll active in
their Councils, and with their Swords too, if it Mould be found neceffary. It alfo feems as if much Liberty, both Civil and Religious, are given to the French People, fuch as hitherto unknown, under their former Kings. At the fame Time it feems to me, that fome of the Powers on the Continent of Europe are much inclined to bring about a Reconciliation between the French Nation, and all thofe that are and have been hoftile againft her. The People of England, it appears from the Figure, have fome Doubts and Fears, refpecting fome Events that have lately taken Place in France, Spain, and Holland, as well as in fome Parts of Germany. We fhall affuredly find this, as well as the laft, a very bufy Year, in which many notable Matters are vigorounly purfued and tranfacted. It is the Influence of Heaven which inftigates and drives on various Refolutions in the People, and they are ordained by Als mighty God, to fhew that Kingdoms and Commonwealths haye both Rifings and Downfalls in the Affections of Subjects, and that no Engagements hold fo long and fo firm in the Peoples' Affections, as Juftice impartially diftributes, and a feafonable Compliance for Redrefs of the Peoples Grievances. If the Engliß乃 Nation wifely improve their Talents, as I hope they will, then will their Fame fpread Abroad, and my Native Land will flourifh again and again. As to America, the United States of America, I think the Peace now begun with them will continue, to the mutual Advantages of both Countries; and this I am very glad of, for England and America fhould always go Hand in Hand. The Frencb Nation, as well as Great Britain, appears very formidable to the furrounding Na tions, as there are ftill War-like Appearances! The Councils and Meetings of great Men in the different Courts of Europe, will this Quarter be infefted with Divifions and Diforders; and this caufed by Accufations on one Side, and Impeachments on the other.

What long hath Jain conceal'd, now comes to Light, Likewife a star now sets, which once fhin'd bright.

## The SUMMER QUARTER,

Or, The Sun's Iranft tbrougb $\ddagger, \Omega$, and ng.
MHIS Quarter begins when the Sun enters the Northern Tropic, or the Sign Cancer; which this Year
happens on Friday, the 21 ft Day of $\mathcal{F u n e}$, at 45 Min . paft $20^{\prime}$ 'Clock in the Afternoon; at which Time, 9 Deg. of $\Omega$ are upon the Mid-heaven, and 29 Deg. of $\bumpeq$ are afcending in the Eaft. The D ab $\square$ of ${ }^{\pi}$, et ad $*$ of $\underset{\text {. }}{ }$. The Planet Jupiter is pofited in the Afcendant, the Planet Mars in the gth Houfe, going into an Oppofition of the Planet Soturn; though the direct Oppofition of thefe Two Planets will not take Place until the 18th of $J_{u l} y$, yet their Influences will foon begin to appear. The Moon is in the 7th Houfe, departing from a Square Afpect of Mars, and approaching to a Sextile Afpeet of Mercury. The Planets $J u p i t e r$ aud Mars bave lately been in a Square Afpect. From all which it appears to me, that this, like the laft, will prove a very bufy Quarter, and Rumours there will be of fome approaching Troubles in Foreign Countries, hut I hope England will flourifh and remain in Tranquillity and Peace, amidat all thefe Changes and Alterations fill taking, and likely to take Place in $E_{u}-$ rope ; for the Actions of this Quarter, I conceive, will be very violent and bufy; fuch Hurley-burleys, Differences, and Difturbances about Rights, Privileges, Laws, and Cuftoms, as will raife much Contention, if not Bloodfhed. I heartily wifh for a good Underftanding between ns and our Allies, and that no Popifh Intrigues may preCail, to make a Breach to the Prejudice of Great Britain. Let us implore Heaven for Mercy, and Arive our Lives to amend, and to get the Viftory over our Sins and sinful Paffions; let us labour for that rare Ornament of Christian Charity, and not ruin and tear one another to Pieces for Trifles. The Difeafes of this Quarter are like to be, Defluctions of Rheums, Cenfumptions, Leprofy, Fifulas, Convulsions, Pleurifie, violent and burning Fevers, and fore Eyes; and many others which may require the Skill of Phyficians to cure.-As to the Weather, confult the Calendar.

## The AUTUMNAL QUARTER,

 Or, the. Sun's Tranft zbrougb $\approx, \eta$, and 5 .THIS Quarter takes Place when the Sun, according to
he will do on Monday, the 23 d of Seprember, at 43 Min . patt $40^{\text {'Clock }}$ in the Morning, when 16 Deg. of the Celeftial Sign Virgo afcend in the Eaft, and 12 Deg. of Gemini are on the Mid-heaven. The D ab ó $q$, et $\triangle$ of $h_{2}$, ad $\delta$ of $\underset{\sim}{\text {. The }}$. The pects of Note in this Quarter, ar3 a Square Afpeet of the Planets Saturn and Mars; and a Conjunction of Jupiter and Mars; and on the 2gth of October, there happens a Square Afpect of Saturn and Jupiter, from $m$ and $\ldots$. . At the Time of this Ingrefs, the $S_{u n}$ and the Planet Mars are both in the Afcendant, néar each other; and the Planets, Venus, the Moon, and Mercury are all pofited in the 2 d Houfe of the Figure fet for this Ingrefs; and I alfo obferve, that all the Planets at this Time are under the Earth This Quarter then, by thefe Configurations of the Planets will, like the fore ( going, produce fome particular Occurrences both in Francex Spain, Italy, and fome Parts of Germany alfo. There feems to be a reftlefs Party, who will stir up Broils and Contentions, if not War alfo, which 1 am forry to obferve indeed, there is a Race of Men in the World, who wif bear no Reffraint or Controul, though they be promoting the moft unjuft and illegal Attempts; but the Time feems to be approaching, when the Tyrannical Governments muft come down ; when the Power of the motley Leopart/ the Dragon, and fuch like Beafts of Cruelty will no longer prevail; for all Things are eftablinhed in certain Periods of Time, and we are all ruled by the pre ordained Counfels of impending Fate. Many doubiful Accurations and uncertain Informations againft great Perfons in the Courts of Princes, and many are coffed fufficiently upon the Waves of Trouble and Vexation. The Difeafes of this Quarter are similar to the laft. - And thus I conclude the Four Quarters, with wifhing Health and Happinefs to all my Friends and loving Countrymen.

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