

**EXPLANATION OF THE CALENDAR PAGES.**—At the head of the respective pages for each month are given the ordinary tables of the changes and quadratures of the Moon. These tables, together with the first 3 vertical columns, it is presumed, require no explanation. The 4th and 5th columns show the mean times of the rising and setting of the Sun. The quantities are only set down to the nearest minute, the uncertainty of the observed times of the rising or setting of heavenly bodies on land, caused by the varying amount of horizontal refraction and the general liability to the intervention of terrestrial objects in such observations, renders a closer approximation unnecessary for ordinary practical purposes. In the 6th column, marked "souths," are given the times which should be shown by a well regulated clock or watch when the Sun is on the meridian. The 8th column contains the mean times of the rising or setting of the Moon. The quantities are only set down to the nearest minute, for the reasons mentioned above in respect to the Sun.

**EXPLANATION OF ASTRONOMICAL SYMBOLS AND ABBREVIATIONS.**

|                 |                     |                             |                                   |
|-----------------|---------------------|-----------------------------|-----------------------------------|
| ☉ The Sun,      | ♄ Saturn,           | ° Degrees,                  | ♋ Cancer, <i>The Crab,</i>        |
| ☾ The Moon,     | ♃ In Conjunction,   | ' Minutes,                  | ♌ Leo, <i>The Lion,</i>           |
| ☿ Mercury,      | ☐ In Quadrature,    | " Seconds,                  | ♍ Virgo, <i>The Virgin,</i>       |
| ♀ Venus,        | ♁ In Opposition,    | d. Days, h. Hours,          | ♎ Libra, <i>The Balance,</i>      |
| ♁ The Earth,    | ♊ Ascending Node,   | m. Minutes,                 | ♏ Scorpio, <i>The Scorpion,</i>   |
| ♂ Mars,         | ♋ Descending Node,  | s. Seconds,                 | ♐ Sagittarius, <i>The Archer,</i> |
| ♃ Jupiter,      | N. North, S. South, | ♈ Aries, <i>The Ram,</i>    | ♑ Capricornus, <i>The Goat,</i>   |
| ♁ Herschel, or  | E. East,            | ♉ Taurus, <i>The Bull,</i>  | ♒ Aquaries, <i>The Waterman,</i>  |
| ♁ The Georgian, | W. West,            | ♊ Gemini, <i>The Twins,</i> | ♓ Pisces, <i>The Fishes.</i>      |

**CHRONOLOGICAL CYCLES.**

|                          |                         |    |
|--------------------------|-------------------------|----|
| Dominical Letter,.....G. | Solar Cycle,.....       | 10 |
| Golden Number.....7      | Roman Indiction,.....   | 7  |
| Epact,.....6             | Julian Period,.....6362 |    |

The year 5610 of the Jewish Era, commences on September 17th, 1849.  
 The year 1262 of the Mohammedan Era, commences on November 17th, 1849.

**MOVEABLE FESTIVALS.**

|                            |            |                       |                     |
|----------------------------|------------|-----------------------|---------------------|
| Septuagesima Sunday,.....  | February 4 | Low Sunday,.....      | April 15            |
| Quinquagesima Sunday,..... | " 18       | Rogation Sunday,..... | May 13              |
| Ash Wednesday,.....        | " 21       | Ascension Day,.....   | Holy Thursday, " 17 |
| First Sunday in Lent,..... | " 25       | Pentecost,.....       | Whit Sunday, " 27   |
| Palm Sunday,.....          | April..1   | Trinity Sunday,.....  | June 3              |
| Good Friday,.....          | " ..6      | Corpus Christi,.....  | " 7                 |
| Easter Sunday,.....        | " ..8      | Advent Sunday,.....   | December 2          |

**HOLIDAYS OBSERVED AT PUBLIC OFFICES.**

|                                |           |                                  |        |
|--------------------------------|-----------|----------------------------------|--------|
| Circumcision,.....             | January 1 | Corpus Christi,.....             | June 7 |
| Epiphany,.....                 | " 6       | Saint Peter and Saint Paul,..... | " 29   |
| Annunciation,.....             | March 25  | All Saint's Day,.....            | Nov. 1 |
| Good Friday,.....              | April 6   | Conception B. V. M.,.....        | Dec. 8 |
| Ascension Day,.....            | May 17    | Christmas Day,.....              | " 25   |
| Birth Day of Her Majesty,..... | " 24      |                                  |        |

**EMBER DAYS.**

|              |      |            |      |                |            |
|--------------|------|------------|------|----------------|------------|
| February.... | 28   | May,.....  | 30   | September,.... | 19, 21, 23 |
| March,.....  | 2, 3 | June,..... | 1, 9 | December,....  | 19, 21, 23 |

**COMMENCEMENT OF THE SEASONS.**

|                       |                 |                              |
|-----------------------|-----------------|------------------------------|
| Vernal Equinox,....   | Spring begins.. | March 20d. 6h. 19m. Evening. |
| Summer Solstice,....  | Summer begins.. | June 21d. 6h. 14m. Morning.  |
| Autumnal Equinox,.... | Autumn begins.. | Sept. 23d. 11h. 9m. Evening. |
| Winter Solstice,....  | Winter begins.. | Dec. 21d. 4h. 48m. Evening.  |

**ECLIPSES OF THE SUN AND MOON**—In the year 1849, there will be 2 Eclipses of the Sun and 2 of the Moon.—I. An Annular Eclipse of the Sun, Feb. 22nd, invisible at Montreal. Conjunction in Right Ascension at 9 hours, 7 minutes in the evening. The visibility of this Eclipse will be confined to the extreme northern parts of North America and Asia.—II. A partial Eclipse of the Moon, March 8, visible at Montreal, viz:—

|  |   |
|--|---|
| Moon rises,.....                         | H. M.   |
| First contact with the dark shadow,..... | 5 46  |
| Middle of the Eclipse,.....              | 6 31  |
| Last contact with the shadow,.....       | 8 1   |
| Duration of visibility 3 hours.          | Magnitude of the Eclipse (Moon's diameter = 1) 0.738 on the southern Limb—III. A total Eclipse of the Sun, August 18th, invisible at Montreal. The mean time of Conjunction in Right Ascension, will be at 1 hour and 5 minutes in the morning. This Eclipse will be visible from the Indian Ocean, the Islands of Australia and Madagascar, and at the Cape of Good Hope.—IV. A partial Eclipse of the Moon, September 2nd, invisible at Montreal. Mean time of Opposition in Right Ascension at 11 hours, 53 minutes in the morning. Magnitude of the Eclipse (Moon's diameter = 1) 0.661 on the northern limb. |

Venus will be Evening Star till May 12, thence Morning Star the remainder of the year.

| Principi. | 3 Days. | 6 Days. | 10 Days. |
|-----------|---------|---------|----------|
| 1         | 0       | 0       | 0        |
| 2         | 0       | 0       | 0        |
| 3         | 0       | 0       | 0        |
| 4         | 0       | 0       | 0        |
| 5         | 0       | 0       | 0        |
| 6         | 0       | 0       | 0        |
| 7         | 0       | 0       | 0        |
| 8         | 1       | 0       | 2        |
| 9         | 1       | 0       | 2        |
| 10        | 1       | 0       | 2        |
| 11        | 1       | 0       | 2        |
| 12        | 1       | 0       | 2        |
| 13        | 1       | 0       | 3        |
| 14        | 1       | 0       | 3        |
| 15        | 1       | 0       | 3        |
| 16        | 2       | 0       | 3        |
| 17        | 2       | 0       | 4        |
| 18        | 2       | 0       | 4        |
| 19        | 2       | 0       | 4        |
| 20        | 2       | 0       | 4        |
| 21        | 3       | 0       | 4        |
| 22        | 3       | 0       | 4        |
| 23        | 3       | 0       | 4        |
| 24        | 3       | 0       | 4        |
| 25        | 3       | 0       | 4        |
| 26        | 3       | 0       | 4        |
| 27        | 3       | 0       | 4        |
| 28        | 3       | 0       | 4        |
| 29        | 3       | 0       | 4        |
| 30        | 3       | 0       | 4        |
| 31        | 3       | 0       | 4        |

**MONEY T.**

| Stg. | Cur'y. | ¢  | Stg. | Cur'y. | ¢  |
|------|--------|----|------|--------|----|
| 1.   | 1      | 4  | 1    | 4      | 1  |
| 2.   | 2      | 8  | 2    | 8      | 2  |
| 3.   | 3      | 12 | 3    | 12     | 3  |
| 4.   | 4      | 16 | 4    | 16     | 4  |
| 5.   | 5      | 20 | 5    | 20     | 5  |
| 6.   | 6      | 24 | 6    | 24     | 6  |
| 7.   | 7      | 28 | 7    | 28     | 7  |
| 8.   | 8      | 32 | 8    | 32     | 8  |
| 9.   | 9      | 36 | 9    | 36     | 9  |
| 10.  | 10     | 40 | 10   | 40     | 10 |

**Shillings.**

| Shillings | Cur'y. | ¢   | Shillings | Cur'y. | ¢   |
|-----------|--------|-----|-----------|--------|-----|
| 1.        | 1      | 10  | 1.        | 1      | 10  |
| 2.        | 2      | 20  | 2.        | 2      | 20  |
| 3.        | 3      | 30  | 3.        | 3      | 30  |
| 4.        | 4      | 40  | 4.        | 4      | 40  |
| 5.        | 5      | 50  | 5.        | 5      | 50  |
| 6.        | 6      | 60  | 6.        | 6      | 60  |
| 7.        | 7      | 70  | 7.        | 7      | 70  |
| 8.        | 8      | 80  | 8.        | 8      | 80  |
| 9.        | 9      | 90  | 9.        | 9      | 90  |
| 10.       | 10     | 100 | 10.       | 10     | 100 |
| 11.       | 11     | 110 | 11.       | 11     | 110 |
| 12.       | 12     | 120 | 12.       | 12     | 120 |
| 13.       | 13     | 130 | 13.       | 13     | 130 |
| 14.       | 14     | 140 | 14.       | 14     | 140 |
| 15.       | 15     | 150 | 15.       | 15     | 150 |
| 16.       | 16     | 160 | 16.       | 16     | 160 |
| 17.       | 17     | 170 | 17.       | 17     | 170 |
| 18.       | 18     | 180 | 18.       | 18     | 180 |
| 19.       | 19     | 190 | 19.       | 19     | 190 |
| 20.       | 20     | 200 | 20.       | 20     | 200 |