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additive. By the assistance of the numbers in this column, a clock can be set by a Sun-dial as follows. When *fast* is placed above the number opposite to the day, then the clock ought to be set fast on the time shown by the Sun-dial, and when *slow* is above the numbers, the clock ought to be set so much slower. Example:—when the sun shows noon on the Sun-dial on June 1, and July 1, what are the true times? On June 1, from the Almanack, the Equation of time is, subtract 2m. 28s., therefore the clock should be 2m. 28s. before noon; so the true time is 11h. 57m. 32s. A. M. On July 1, the Equation of time is, add, 3m. 30s., therefore the clock should be 3m. 30s. afternoon, or the time is 0h. 3m. 30s. P. M. The greatest difference between mean time (common clock time) and apparent time (time by the Sun-dial) occurs on the 3rd Nov., and it is 16m. 16s. subtractive. On the 12th Feby. the greatest additive difference occurs, viz. 14m. 33s.

7th. The Sun's declination, for the same as the Equation, 6th column.

8th. The rising or setting of the Moon. The setting being given from the New Moon to Full, and her rising from Full to New Moon.

9th. The place of the Moon in the Ecliptic.

10th. The time of the Moon's southing, or passing the meridian.

11th. Days increase or decrease in hours and minutes.

The top of the columns of each month shows the moon's phases, or the times of new and full moon, and of the first and last quarters, or two quadratures with the sun.

The FARMER'S CALENDAR is placed at the foot of the columns of each month.

RIGHT HAND PAGE.

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1. Contains the days of the month.

2. Sundays, Phenomena, Anniversaries, &c.

3. Time of High Water at Halifax, Nova Scotia.

4. Annapolis, Nova Scotia.

5. Charlotte Town, P. E. Island.

6. Windsor, N. S. and St. John, N. B.

of that tide which immediately precedes the southing of the moon. These four columns being computed on the supposition, that the time of High Water on the days of New and Full Moon (L'établissement du port) is 24. Between Halifax, 7h. 15m.—at Annapolis, 10h. 45m.—at Charlotte Town, 10h. 15m.—and at Windsor, and St. John, N. B. 11h. 45m. All the calculations in this Calendar are made to *mean* solar time; a mode of computation now in general use, and which will very soon supersede the old mode of reckoning. *Mean* time can be converted into *apparent* time, by subtracting the quantity in the sixth column of the left hand calendar pages, when the Sun is *slow* of clock, and adding it when *fast*.