

EXPLANATION OF THE CALENDAR PAGES.

LEFT HAND PAGE.

- Column*, 1st and 2d, contain the days of the month and of the week.
- 3d and 4th The rising and setting in mean time of the highest point, or of the *upper limb* of the sun, corrected for refraction.
- 5th. Days length in hours and minutes.
- 6th. The Equation of Time (or quantity by which the Sun is *slow* or *fast* of the clock), at noon. *apparent* time (not mean) at Greenwich, or at a quarter before eight in the morning at Halifax.
- 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.

1. Contains the days of the month.
2. Sundays, Phenomena, Anniversaries, &c.
3. Time of High Water at Halifax.
4.Annapolis.
5.Charlotte Town, P. E. Island.
6.Windsor, and at 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'establisement du port*) is at Halifax, 7h. 15m.—at Annapolis, 10h. 45m.—at Charlotte Town, 10h. 15m.—and at Windsor, and St. John, N. B. 11h. 45m. The tides of January 27, February 26, March 27, August 7, September 5, October 5, and November 3, will be the highest of all this year, *uninfluenced by wind*, especially those about March 27, August 7, September 5, and October 5, and in like manner the tides of January 12, February 11, May 11 and 25, June 9 and 23, July 23, August 22, October 20, November 19, December 3, 18 and 31, will be very low for spring tides.

OCCULTATIONS.

The most important occultations *probably* visible in Nova-Scotia in 1842, are those of *ARTARES*, April 27th, and June 20th. That of *JUPITER* on November 7th, (doubtful), and those of the following Stars of the *third* magnitude, viz. of Eta Pleiadam on the 21st January, and Delta $\square$. 10th June.