

## ECLIPSES.

There will this Year be only two Eclipses ; both of the Sun and neither visible at Quebec : the one will occur on the 14th April, and the other on the 8th October.

### *Explanation of the CALENDAR.*

The first Column contains the days of the Month, the second the days of the Week, the third the Holidays, &c. and the fourth rising and setting of the Sun.

### MOON'S RISING AND SETTING.

At four days old it sets at,	15, at full, it rises about 6
and shines till, about 10	in the evening.
at night.	16 - at $\frac{1}{4}$ after - 7
5 - about - 17	17 - at $\frac{1}{2}$ after - 8
6 - about - 12	18 - about - - 10
7 at near 1 in the morn-	19 - about - - 11
ing.	20 - about - - 12

*N. B.* This Table is sufficiently accurate for the purpose it is wanted—that of ascertaining moon-light evenings.

### *Of the Changes of the Moon.*

Many persons, understanding that the mean time between one new Moon and another is 29 days, 12 hours, 44 minutes and a fraction, imagine that, to find the full or quarters of the Moon, they have only to add a half or fourth part of that time ; and when they do not find the changes marked in the Calendar to correspond with this method, they impute it to mistake in the calculation of those changes. It is therefore, necessary to put them in mind, that the great inequality of the Moon's motions renders the above rule extremely inaccurate, so that nineteen times in twenty, it must fail in giving the true conjunction or change.