

ECLIPSES.

There will this year be neither eclipses of the moon nor of the sun, visible at Quebec. There will however, on the 5th May, be a remarkable passage of Mercury over the disk of the Sun, visible at Quebec from sun rise to about eleven o'clock in the morning.

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.	
5 - about - 11	16 - at $\frac{1}{2}$ after - 7
6 - about - 12	17 - at $\frac{1}{2}$ after - 8
7 at near 1 in the morn-	18 - about - 10
ing.	19 - about - 11
	20 - about - 12

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 these 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.

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