

### ECLIPSES DURING THE YEAR 1867.

- I. On the 6th of March there will be an annular Eclipse of the Sun, but it will not be visible in Canada.
- II. On the morning of 20th March, there will be a partial Eclipse of the Moon. It will be visible in this country. At Quebec, it begins at 2.30 and ends at 5.37. At Montreal it begins at 2.21 and ends at 5.28. At Toronto it begins at 1.58 and ends at 5.5.
- III. On the 29th of August there will be a total Eclipse of the Sun, visible in South America—not visible in Canada.
- IV. On the evening of Friday, the 13th of September, there will be a partial Eclipse of the Moon. In Canada the beginning of this Eclipse will be invisible; the Moon will rise Eclipsed. In Montreal it ends at 9.2. In Toronto, 8.39.

### EQUINOXES AND SOLSTICES.

|                  |             | D.     | H. | M.            |
|------------------|-------------|--------|----|---------------|
| Vernal Equinox   | begins..... | March  | 20 | 8 30 evening. |
| Summer Solstice  | " .....     | June   | 21 | 5 4 evening.  |
| Autumnal Equinox | " .....     | Sept'r | 23 | 7 27 morning. |
| Winter Solstice  | " .....     | Dec'r  | 22 | 1 31 morning. |

### APPEARANCES OF THE PLANETS, 1867.

Mercury will be a bright evening star in March, July and October; morning star in the East just before Sunrise in April, August and December. Jupiter will be evening star until February 3rd; morning star until May 27th, and then evening star the rest of the year. Saturn will be morning star until February 12th, is evening star until November 19th, when it becomes morning star. Mars will be evening star throughout the year. Venus will be morning star until Sept. 25th, being then in conjunction with the Sun, thereby rendered invisible. Its disc, if visible, will be a perfect circle. Toward the end of the year it will be morning star, daily appearing farther East of the Sun.