

## ECLIPSES IN THE YEAR 1842.

There will be five Eclipses this year—three of the Sun and two of the Moon, in the following order:—

The first will be an Eclipse of the Sun on the 11th of January, at 11h. 19m. in the morning, which will be invisible in all North America, but visible and annular in the South Pacific Ocean.

The second will be a partial Eclipse of the Moon on the 26th of January, at 0h. 54m. in the afternoon, and consequently invisible in the North American Provinces.

The third will be a total Eclipse of the Sun on the 8th of July, at 2h. 5m. in the morning, and of course invisible in New Brunswick.—The path of total phase passes through part of Spain, the South of France, North of Italy, Austria, Russia, Tartary, Chinese Tartary, and China, to the Pacific Ocean. In the North West part of this Continent a partial Eclipse will be visible.

The fourth will be a partial Eclipse of the Moon, on the morning of the 22d July, at 6h. 1m. in the morning, invisible in the North East part of the United States and in this Province, but visible in the Southern States.

The fifth Eclipse will be an annular one of the Sun, on the 31st of December, at 2h. 6m. in the afternoon, invisible in North America. It will be visible throughout South America, and in the neighbouring Seas, including most of the South Pacific Ocean, and a great part of the Southern Ocean, extending to upwards of 70 degrees of south latitude.

### MORNING AND EVENING STARS.

The Planet Venus will be *Morning Star* from the beginning of the year to its superior conjunction with the Sun, March 5. From this, to its inferior conjunction, December 18, it will be *Evening Star*; and from this, to the end of the year, it will be *Morning Star*.

Jupiter will be *Morning Star* from the beginning of the year, to its opposition, July 10; and thence *Evening Star*, to the end of the year.

Mars will be *Evening Star* from the beginning of the year to its conjunction, June 25; and from thence to the end of the year, *Morning Star*.

### COMMON NOTES FOR 1842.

Solar Cycle, . . . . .	3	Dominical Letter, . . . . .	B.
Lunar Cycle, . . . . .	19	Roman Indiction, . . . . .	15
Epact, . . . . .	18	Julian Period, . . . . .	6556

### EQUINOXES AND SOLSTICES.

	D.	H.	M.
Vernal Equinox.....	March 20	7	17 Evening.
Summer Solstice.....	June 21	4	26 Evening.
Autumnal Equinox.....	September 23	6	30 Morning.
Winter Solstice.....	December 21	11	59 Evening.

### MOVEABLE FESTIVALS OF THE CHURCH IN 1842.

Septuagesima Sunday, Jan. 23.	Easter Day, . . . . .	March 27.
Sexagesima Sunday, . . . . . 30.	Low Sunday, . . . . .	April 3.
Quinquagesima, or Shrove Sunday, } . Feb. 6.	Rogation Sunday, . . . . .	May 1.
Ash Wednesday, . . . . . 9.	Ascension Day, Holy Thursday, } . 5.	
Mid-Lent Sunday, . . . . . March 6.	Whit Sund. or Pentecost, " 15.	
Palm Sunday, . . . . . " 20.	Trinity Sunday, . . . . . " 22.	
Good Friday, . . . . . " 25.	Advent Sunday, . . . . .	Nov. 27.

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