

### Ember Days.

March .....	12 14 15	September.....	17 19 20
June.....	11 13 14	December.....	17 19 20

### Commencement of the Seasons.

		D.	M.	M.
Vernal Equinox..... (Spring begins).....	March	21	0	1 Morning
Summer Solstice..... (Summer begins).....	June	21	8	47 Evening
Autumnal Equinox..... (Autumn begins).....	September	23	10	57 Morning
Winter Solstice..... (Winter begins).....	December	22	4	35 Morning

### Eclipses.

In the year 1851 there will be two Eclipses of the Sun and two of the Moon.

I.—A Partial Eclipse of the Moon, January 17, invisible at Montreal. The meantime of opposition in Right Ascension will be at 3 minutes past noon. Magnitude of the Eclipse (Moon's diameter,  $\frac{1}{2}$ ) 0.465 on the Northern Limb.

II.—An Annular Eclipse of the Sun, February 1, invisible at Montreal. Meantime of conjunction in Right Ascension will be at 46 minutes past 12 in the morning. This Eclipse will be visible from Australia, the Cape of Good Hope, and the Southern Ocean.

III.—A Partial Eclipse of the Moon, July 13, visible at Montreal, as follows:—

	h. m.	
First contact with the dark shadow.....	0 56 0	
Middle of the Eclipse.....	2 27 0	Mean time in the
Last contact with the shadow.....	3 59 0	Morning.
Moon sets.....	4 35 3	

Duration of visibility, 3 hours and 2 minutes. Magnitude of the Eclipse (Moon's diameter,  $\frac{1}{2}$ ) 0.706 on the Southern Limb.

IV.—A Total Eclipse of the Sun, July 29. At Montreal a Partial Eclipse will be visible and begins

	h. m.	
Begins.....	7 39 0	
Greatest shade.....	8 35 2	Mean time in the
Ends.....	9 29 5	Morning.

Duration of visibility 1 hour and 50 minutes. Digits eclipsed 4.89 on the Northern Limb.

### Queen and Royal Family.

THE QUEEN—Victoria, of the United Kingdom of Great Britain and Ireland, Queen, Defender of the Faith, was born 24th May, 1819; succeeded to the Throne, 20th June, 1837, on the death of her uncle, King William IV; crowned, 28th June, 1838, and married, 10th February, 1840, to His Royal Highness Prince Albert, named below. Her Majesty is the only daughter of His late Royal Highness Edward, Duke of Kent, son of King George III. Her mother, the Duchess of Kent, is named below.

His Royal Highness Francis Albert Augustus Charles Emanuel, Duke of Saxe, Prince of Cobourg and Gotha, K. G., consort of Her Majesty, born 26th August, 1819.

Her Royal Highness, Victoria Adelaide Mary Louisa, Princess Royal, born 21st November, 1840.

His Royal Highness, Albert Edward, Prince of Wales, born 9th November, 1841.

Her Royal Highness, Alice Maud Mary, born 25th April, 1843.

His Royal Highness, Alfred Ernest Albert, born 6th August, 1844.

Her Royal Highness, Princess Helena Augusta Victoria, born 25th May, 1846.

Her Royal Highness, Princess Louise Carolina Alberta, born 18th March, 1848.

His Royal Highness Arthur William Patrick Albert, born 1st May, 1850.

The Queen Dowager—Amelia Adelaide Louisa Theresa, born 13th August, 1792.

Married 11th July, 1818. Crowned 8th September, 1831.

King of Hanover, born 6th June, 1771.

Duke of Cambridge, born 24th February, 1774.

Duchess of Gloucester, born 26th April, 1776.

Princess Sophia, born 3rd November, 1777.

Duchess of Kent, born 17th August, 1786.

Duchess of Cambridge, born 25th July, 1797.

Prince Royal of Hanover, born 27th May, 1819.

Prince George of Cambridge, born 26th March, 1819.

Princess Augusta Caroline of Cambridge, born 19th July, 1822.

Princess Mary of Cambridge, born 27th November, 1833.