

1875.]

ALMANAC.

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Explanations and Principal Articles of the Calendar for 1875.

EXPLANATIONS.

All the calculations are reduced to local mean time for Charlottetown, with the exception of the Sun's right ascension and declination, and the equation of time, which are given for the instant of apparent noon.

The various phenomena of the Moon's motions and the Tides, are given to the nearest minute. The bearings—true, not compass—of the moon at the time of its changes, are given for the purpose of assisting or testing the truth of weather forecasts. The days of expected atmospheric disturbance are those on which the Moon, in its orbit crosses the equinoctial line, or attains its greatest North or South declination. When these days fall on or close upon—within two days—the time of the moon's change or Perigee, or both combined, the disturbing influence on the atmospheric tides is proportionally increased. These cases are marked ** or *** according as two or three of these influences are combined, and the more closely these times agree, the stronger and more certain is the disturbance likely to be.

In addition to the general local disturbance on these days, it sometimes happens that the effect of a storm generated within the tropics, may be propagated so as to arrive within two or three days, it having been ascertained that the average rate at which the centre of such storms travel is about sixteen miles an hour.

FIXED AND MOVABLE FEASTS, ANNIVERSARIES, &c.

Circumcision	Jan. 1	Trinity Sunday	May 23
Epiphany	6	Birthday of Queen Victoria	24
Septuagesima Sunday	24	Corpus Christi	27
Ash Wednesday	Feb. 10	Accession of Q. Victoria	June 20
Annunciat'n B.V. Mary	Mar. 25	St. John. Baptist, Midsum'r	24
Good Friday, Crucifixion	26	Dominion day	July 1
EASTER DAY, Resurrection	28	St. Michael, Michaelmas	Sep. 29
ST. GEORGE	April 23	Birth day Prince of Wales	Nov 9
Holy Thursday, Ascension	May 6	Advent Sunday	23
Whit Sunday, Pentecost	16	ST. ANDREWS	30
		CHRISTMAS DAY	Dec. 25