

Explanations, and Principal Articles of the Calendar for 1872.

EXPLANATIONS.

All the calculations are reduced to local mean time for Charlottetown, with the exception of the Equation of Time, and the Sun's Right Ascension and Declination, which are given for apparent noon. The sun's apparent semi-diameter is inserted on the respective days of each completed second of arc. At the head of each month are given all the particulars of the Moon's Changes, the times of Moon's Perigee and Apogee—i. e., least and greatest distance from the earth,—and the days when the Moon crosses the equator, and when she reaches her greatest north and south declination, these being the points on which Saxby's system of Lunar Equinoctials is based, the principle being that on these days the Moon's influence on the atmospheric tides is most powerful; and when these times fall close upon the time of Moon's Change or Perigee, this influence is proportionally increased. These cases are marked ** or *** according as two or three of these influences combine. Where *** occur, a gale or other strong atmospheric disturbance may be expected with considerable certainty.

In addition to the general local disturbances on these days, the effect of a storm generated within the tropics is sometimes propagated so as to arrive within two or three days, it having been found the average rate at which these travel is about sixteen miles per hour.

CHRONOLOGICAL NOTES.

Epact—Moon's age on January 1st	20
Golden Number (year of the Lunar or Metonic Cycle of 19)	11
Solar Cycle of 28 years	5
Dominical Letters	G and F
Roman Indiction	15
Julian Period	6585
Year 5638 of the Jewish Era commences	October 3d
Year 1289 of the Mahommedan Era commences	March 11th
Ramadan (Turkish month of Abstinence) commences	Nov 2d

NATIONAL ANNIVERSARIES.

St. David (Wales)	March 1st
St. Patrick (Ireland)	March 7th
St. George (England)	April 23d
St. Andrew (Scotland)	Nov. 30th
Birth of Queen Victoria	May 24
Accession and Proclamation of Queen Victoria	June 20, 21
Birth of Prince of Wales	November 9th