

Brown's New Brick Store opens April 25th.

1885

RELIABLE ALMANAC.

3

# EXPLANATION OF THE PRINCIPAL ARTICLES OF THE CALENDAR FOR 1885.

On the left hand page of each month are given the necessary data for Solar observations for Time and Latitude, namely:—The Equation of Time (Sun fast or slow of clock) which is given for the instant of apparent Noon and the Sun's Declination at Mean Noon, both Greenwich Time. Also the Sun's Semi-diameter with these exceptions, all the calculations are reduced to Local Mean Time at Chro-lottetown.

If the Sun's Declination at Apparent Noon (Charlotte-town) is required it can be obtained by multiplying the hourly variation of Declination by the Equation of Time reduced to the decimal of an hour and adding or subtracting the result according to the conditions as given below.

DECLINATION INCREASING		DECLINATION DECREASING.	
Sun slow of clock	Sun fast of clock	Sun slow of clock	Sun fast of clock
Add	Subtract	Subtract	Add

*Example.—To find the Sun's Declination at Greenwich Apparent Noon, on March 1st, 1885.*

Equation of time, March 1st, 12 <sup>m</sup> 27.85'	Hourly variation of Declination	57.07
60	12.464	-20.74
	.8074	22828
		39949
		114140
		11.836318
South, Declination decreasing. Sun slow. Subtract	Sun's Declination at Mean Noon	7 24 12.4
		11.8.3
	Apparent Noon	7 24 0.5

Gents' Diamond Scarf Plus at W. W. WELLNERS, Ch'town.

Laurances Celebrated Pebble Spectacles—THEO. L. CHAPPELLE, Agent.

NORTON BROS., City Hardware Store, Queen Street,