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THE NEWFOUNDLAND ALMANAC.

Eclipses, 1866.

In the year 1866, there will be *five Eclipses*, THREE of the SUN and two of the MOON, but of these, only TWO will be visible in this Island.

The first—a *partial Eclipse of the Sun*, March 16th, invisible in this Island, and will be seen only between the parallels of 44 and 82 North Latitude, and from 120 East to 77 West Longitude, that is, in the North Pacific Ocean, Siberia, &c.

The second—a *total Eclipse of the Moon*, March the 30th and 31st, visible in Newfoundland.

First contact with Penumbra, March 30th, at	9h 57m 11s p.m.	} Mean Time at St. John's, N.F.
First contact with Shadow	at 11h 7m 11s p.m.	
Beginning of total Phase	31st, at 0h 13m 35s a.m.	
Middle of Eclipse	at 1h 2m 29s a.m.	
End of total Phase	at 1h 51m 23s a.m.	
Last contact with Shadow	at 2h 57m 47s a.m.	
Last contact with Penumbra	at 4h 7m 47s a.m.	

As the Moon will rise about 6h. 21m. p.m. on the 30th, and set about 5h. 46m. a.m. on the 31st, she will consequently be on the Meridian, or due South, at midnight, and thus during the whole time of this Eclipse, the Moon can be seen with the greatest advantage, for although she will be totally deprived of light both from the Sun and the Earth, yet she will show a faint, dull red light, caused by the Sun's rays refracted by the Earth's atmosphere; so that if the weather be fine, and the atmosphere clear, this Eclipse will be an interesting phenomenon, especially to our hardy seal hunters.

The third—a *partial Eclipse of the Sun*, April the 14th, not visible in Newfoundland, and will be seen only in the Southern Ocean and in a part of Australia.

The fourth—a *total Eclipse of the Moon*, September 23rd and 24th, invisible in Newfoundland, as the Moon will be below our horizon during its continuance.

The fifth—a *partial Eclipse of the Sun*, October 8th, partly visible in Newfoundland.

Mean time of Sun and Moon's conjunction in Right Ascension, October 8th, at	0h 29m 28s p.m.	} Mean Time at St. John's.
Begins on the Earth generally, Oct. 8th, at	11h 21m 0s a.m.	
Greatest Eclipse	at 1h 13m 26s p.m.	
Ends on the Earth generally	at 3h 5m 56s p.m.	

This Eclipse will be visible between the parallels of 23.41 and 83.17 North Latitude, and from 14 East Longitude to 141.19 West of Greenwich.

St. John's.

True Latitude of Church Hill	47.34.30 North.
Longitude (West of Greenwich)	52.44.0 West.