

January

take. - There being various amusements & meetings this evening not so many members as desirable were present. He saw and inspected everything, and was surprised & delighted with what he saw. - He then addressed those present; after paying a high tribute to Father he dilated on the various advantages of Church-Inst., gave us their history & gratifying progress they have made in Ontario during the last 5 years. He also referred to the impression that was created by Canada at the late Colonial Exhibition - in part by the work exhibited by pupils of Church-Inst. - Mr. Pattinson moved a vote of thanks & made some remarks thereon, which I seconded & also addressed the meeting briefly. - Returning home Maria & I remained for some time at Father's, where the Dr. & the rest of us chatted away cheerily for two hours, we gentlemen enjoying at the same time our pipe & some refreshments in which latter the ladies joined us.

Tonight was a red letter day for the boys, we allowed them to go to the carnival. <sup>on the rink</sup> Max was a "road agent", Luke "a Sade" (and most comical & unrecognizable he looked) and Oscar a snowshoer. -

Thursday 26  
fine, cold  
little snow

Busy computing, Dr. May left again.

Friday 27  
very cold  
-4°.

Busy computing. - In evening attended Ct, then after spent an hour or so at Dr. Mullaig's chatting with him.

Saturday 28  
Cold

Busy computing. Mr & Mrs G. Pattinson, Mrs. McKeen, S. Shepley, W. Pattinson, Harry, Aggie & Ida Ebb, Augusta & Jacob took tea with us & spent the evening. A total eclipse of the moon took place this evening. The moon



Prof. Coakley, of the University of New York, writes as follows to the *Sun*:—At the time the moon rises on the 28th inst., the eclipse will have already begun, and will have progressed so far that about three-fifths of the moon's diameter on the lower side will be covered by the shadow of the earth.

The times of the several phases of the eclipse, expressed in eastern time, or that of meridian 75 degrees, are as follows:—

	Eastern Time.
Eclipse begins, January 28, at.....	4.31 p.m.
Moon rises (whole diameter), about....	5.10 p.m.
Total phase begins at.....	5.31 p.m.
Middle of eclipse at.....	6.20 p.m.
Total phase ends at.....	7.09 p.m.
Eclipse ends at.....	8.10 p.m.

If the atmosphere is free from clouds, not only at New York, but for a considerable space around the circumference of the earth that bounds the disc embraced by the earth's shadow, then the atmosphere will act like a refracting lens to throw light upon the moon, even when she is totally immersed in the shadow. The moon will therefore, during her total immersion, reflect many of these rays of light to the earth, and she will present to us the appearance of a dull copper-coloured circular disc, like that of the full moon, but less brilliant. Many persons seeing this appearance of the moon during totality suppose that she is not then in eclipse, because they see her so plainly.

Her colour disc. — I set up the outside & showed it to the quite — totality was over & its lower in illumination. I also showed, but as usual they were nearly so, especially at the latter, in see objects the size of a barn very stupid questions being asked not debate in astronomy & the heavens. — Through the

Heaven light from the earth the line of demarcation between the sun-illumined part of the moon & the other was not well defined so that I did not attempt to note the time of immersion from the earth's shadow — besides the temperature was below zero at the instrument. We had a pleasant evening & all seemed to have enjoyed themselves. They left at 11-30 PM.

Sunday, 29<sup>th</sup> weather was dawn, clear & I spent some cloudy time in the afternoon at Mrs. P's. In pleasant the evening games & music with our three fine boys was again our Sunday diversion. Last evening after tea & later than played together on the guitars, & then again on the pianos & I on the guitar, Mrs. Patterson said to me "I can make time pleasant for your boys," & related of a composition which her little boy had had lately written in "Home" — the poem & substance of which was — Home is a house, father & mother live in it and the children — father & mother are glad when the children are in bed, but on Christmas we have a jolly day — Mrs. P. said she felt the pain that this sentiment expressed. Mrs. I would pain