

Prof McLeod, Prof Chandler and assistants, one of whom is senator McKeenham at one time had rooms on the top of the old Arts building.

For years I made daily measurements of sun spots and recorded them carefully and Prof. McLeod worked out the areas and forwarded them to England.

I also made daily measurements of and recorded the temperature of the soil every 6 inches down to about 4 feet.

Before Prof. McLeod's time observations of the weather temperature &c. were made by Dr Smallwood at Isle Jesu; but <sup>I understand that</sup> after the observatory building was constructed Dr Smallwood had charge until he died.

For many years the transit instrument at the back of the main ~~or~~ Arts building was the point which was supposed to be most accurately determined for ~~local~~ longitude in America. Possibly this may now be done more accurately by the aid of wireless. In any case before pulling it down for the new building reference points should be carefully established and marked permanently for future reference.