

In Toronto we have determined to pursue the observations regularly and endeavor to allow for the effect of the condition of the atmosphere at the time of the observation by careful simultaneous observations of cloud and the hygrometric condition of the atmosphere, etc., etc.

I am strongly of opinion that, when true observations have been taken for a sufficient length of time to determine the effect of the sun's altitude, light through cloud, etc., we shall be able to detect the existence of any variability in the direct heating power of the sun.

One great difficulty which we labor under in the Toronto observatory is that in connection

with the meteorological service, there is such a vast amount of routine and purely clerical work, as correspondence checking observations etc., that but little can be done in the way of reducing the observations and endeavoring to deduce results, at present some of our results are being worked up at home by the committee of the Royal Society on Solar Physics, but it would be a great point gained if the Government would so add to the staff that some time might be devoted to the working up of our own results, especially in view of the fact that there is every reason to believe that these results would ultimately prove of great public utility.