

MACDONALD COLLEGE

PHYSICS DEPARTMENT

RAILWAY STATIONS, EXPRESS AND TELEGRAPH OFFICES:

STE. ANNE DE BELLEVUE, QUE.

POST OFFICE:

MACDONALD COLLEGE, QUE., CANADA.

January 27th, 1930.

Sir A. Currie, G.C.M.G., K.C.B.
Principal & Vice-Chancellor,
McGill University,
Montreal, Que.

Dear Sir Arthur:-

I thank you for your kind reply and in order to dissipate any misconceptions which may have arisen should like to state the following facts.

It is my practice to submit my problems to the Physics Department at McGill for their criticism and advice. Dr. Eve has been good enough to invite me on more than one occasion to deliver a paper on Soil Physics before the Staff Society.

This particular question of Meteorological Records has been discussed not only with members of the McGill Department but is considered a question of considerable importance by the Botany, Entomological and Parasitological, and Chemical Departments here.

Ever since the Committee on Soil Research was established three years ago, I have been advocating the establishing of a meteorological station commensurate with the dignity of McGill. At present we are classed in the Reports of the Meteorological Department with primitive stations like Tadousac. Our equipment, the same as it was in 1907, consists of an ordinary thermometer (Maximum and minimum) and a simple rain gauge which is read by an untrained assistant morning and evening.

On the other hand Guelph and Ste. Anne de la Pocatiere are classed as important stations and supply data on the following.

- (1) Barometer Height
- (2) Temperatures
- (3) Relative Humidity (Guelph only)
- (4) Winds (Guelph only)
- (5) Precipitation
- (6) Hours of sunshine

The question of soil temperatures has been brought up at every meeting of the Soil Committee, and after three years has arrived at the stage of inquiring of the cost of installing an automatic recorder.