

The longitude of Montreal (the middle point between the two piers of the transit instruments) above given is the final result of the cable determination in 1892, and depends upon the observations of Professor H. H. Turner and myself. An account of this longitude work will, it is expected, appear in the "Transactions" of the Royal Society of Canada, for 1897. I was fortunately able to meet the Astronomer Royal here last July, on his way to Japan, and to confer with him as to the final values in connection with the transatlantic longitude work.

I may perhaps be permitted to record here, that the Astronomer Royal, as well as the other members, Professor Turner and Captain Hills, of the British Eclipse expedition, visited, in passing through Montreal, the site recently purchased by Mr. McDonald for an Observatory, in which they all evinced very great interest and united in declaring the position to be most admirably suited to the purpose in view.

The soil temperature observations made in co-operation with Professor Callendar have been continued. Two eye observations per day, at the several depths, have been taken throughout the year. The results up to May 1st last were presented as a Paper at the last meeting of the Royal Society of Canada, and will be published shortly.

The astronomical instruments of the Observatory have been employed, as in former years, in giving instruction to certain classes in Arts and Applied Science.

(Signed),

C. H. McLEOD,

*Superintendent.*

McGill College, Montreal.

Jan. 1st, 1897.