

A large part of the time of the professors and demonstrators is of course devoted to lectures and to laboratory work—what remained has been given chiefly to the testing, correcting and setting up of instruments. The advanced practical work has, owing to the arrangements of the Electrical Engineering course, been limited very much to Electricity and Magnetism. Much time has been given to the testing and comparison of a fine collection of standard resistance coils, resistance-boxes, potential and current standards, to magnetic tests and tests of the magnetic quality of iron and steel. It is satisfactory to notice that the motors and machinery at one end of the building produce hardly any appreciable magnetic disturbance in the parts of the building devoted to delicate observation.

Much progress is also reported in the equipment for advanced work in Optics, Acoustics and Heat.

Observatory.—The Superintendent reports that there is an increasing demand in the city for special weather forecasts, and says that facilities for establishing these under the direction of the Meteorological Office would be of great use. The plan has been found successful in the United States.

Observations on soil temperature are being carried on in co-operation with Prof. Callendar, with thermometers devised by the latter and constructed under his direction.

The Astronomer Royal has not yet announced the final value of the longitude of Montreal resulting from the observations of 1892.

Botanic Garden.—The educational work done by this garden is steadily increasing. The number of students (not including medical classes) deriving benefit from it is 432, being an increase of about 11 per cent. over the previous year.

In consequence of changes due to the extension of the Medical sessions to 9 months instead of 6, the Medical classes will use the garden in spring and summer, in future.

(Signed), DONALD A. SMITH, LL.D.,
Chancellor.

ALEX. JOHNSON, M.A., LL.D.,
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MONTREAL, January 23, 1895.