

MAGNETICAL OBSERVATORY, TORONTO.

Report to the Observatory Committee, for the year 1863.

The general arrangements of the Observatory continue the same as heretofore.

Instruments.—No additions have been made to the instruments during the year.

Observations.—No changes have been made in the times and manner of taking the observations.

Records.—The primary reduction of the meteorological observations for the year 1863 are nearly completed, and that of the magnetical observations will be completed in the course of a few weeks.

The strength of the establishment has chiefly been engaged in completing and carrying through the press the abstracts of the magnetical observations commencing from the time that the Observatory became a Provincial Institution, in 1853, to the close of the year 1862, as well as in preparing for publication abstracts of the meteorological observations during the same period.

The magnetical abstracts, forming a volume of 114 pages, is completed, and is in course of distribution. The cost of printing and binding 250 copies in demi-quarto was, \$449.62. The meteorological abstracts, to the end of the year 1859, now in the hands of the printers, Messrs. Lovell & Gibson, are in a state of forwardness, and arrangements are in progress with Messrs. Chewett & Co. for printing those of the years 1860, 1861 and 1862.

Library.—The only additions to the Library have been books and serials to the value of \$18.45, obtained by purchase, together with a few volumes of Observations presented to the Observatory.

Furniture and Building.—No additions of any kind have been made to the furniture or buildings during the year.

Staff.—The permanent staff, consisting of Messrs. Walker, Menzies and Stewart, remains unaltered, and Mr. Davidson, as computer and additional observer, has been employed as heretofore.

Accounts.—It will be seen by the accompanying statement of the expenditure during the year that notwithstanding the cost of printing the abstracts of the magnetical observations there is still a balance of the parliamentary grant over the expenditure during the year 1863 to the amount of \$95.71, which, together with the balance at the close of 1862, i.e., \$1239.11, leaves a gross balance of \$1334.82 in favor of the Observatory and available for publication of observations, and to meet future unusual contingent expenses.

With reference to the balance ordinarily remaining in favor of the Observatory, I take occasion to remark that it would be incorrect to infer that the grant is more than sufficient for the requirements of the establishment. The printing of the observations, of which less than one-third as regards cost have yet been published, will greatly reduce the actual balance, besides which provision has to be made for the publication of future observations as well as for the purchase of new instruments and for the repairs required by the building from time to time.

The above is respectfully submitted.

(Signed,)

G. T. KINGSTON,

Director.

MAGNETIC OBSERVATORY, TORONTO.

Expenditure during the year 1863.

SALARIES—Director	\$1360 00
Three Observers, at \$430	1440 00
Computer	430 00
Messenger	240 00
	3520 00
ALLOWANCES—Fuel for three Observers and Messenger, at \$60	240 00
Instruments purchased or repaired	10 50
Stationery, including printing forms and binding	85 61
Books	18 45