

REPORT ON THE MCGILL COLLEGE OBSERVATORY,
FOR THE YEAR ENDING
DECEMBER 31ST, 1886.

To the Corporation of McGill University.

GENTLEMEN,—In presenting my Report for the year now closed, I thought it would be desirable, in connection with the usual brief review of the work of the year, to submit a statement of the instrumental equipment of the observatory.

METEOROLOGICAL WORK.

The Chief Station series of observation, in connection with the Canadian system, has been continued without interruption. The bi-hourly temperature series, commenced in October, 1884, has also been carried forward uninterruptedly. The results of the observations have been published and distributed in the usual way. The principal instruments employed in the work, are the following :—

- 2 Standard mercurial barometers.
- 1 Kew standard thermometer.
- 2 Pastorelli thermometers.
- 1 Maximum and 1 minimum thermometer.
- 1 Set of six self-recording thermometers, with controlling clock, battery, &c.
- 2 Anemometers.
- 1 Wind vane (wind-mill pattern).
- 1 Anemograph, with battery, &c.
- 1 Sunshine recorder.
- 1 Rainband spectroscope.
- 1 Raingauge and several spare thermometers.

The anemometer and vane are on the summit of Mount Royal, at a point about three-quarters of a mile north-west of the Observatory. Their exposure was improved this year by a slight change in position and an increase in altitude. The instruments are now 57 feet above the surface of the ground and 810 feet above sea level.