

V. Monthly Report on Meteorology of the Province of Ontario.

I. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten Grammar School Stations, for OCTOBER, 1869.

OBSERVERS:—Barrie—H. B. Spotton, Esq., M.A.; Belleville—A. Burton, Esq.; Cornwall—J. L. Bradbury, Esq., M.A.; Goderich—James Preston, Esq., B.A.; Hamilton—A. Macallum, Esq., M.A.; Pembroke—J. W. Connor, Esq., B.A.; Peterborough—Ivan O'Beirne, Esq.; Simcoe—James J. Wadsworth, Esq., M.A.; Stratford—C. J. Macgregor, Esq., M.A.; Windsor—J. Johnston, Esq., B.A.

Table with columns: STATION, ELEVATION, BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT, TEMPERATURE OF THE AIR, TENSION OF VAPOUR, and MONTHLY MEANS. Rows include Barrie, Belleville, Cornwall, Goderich, Hamilton, Pembroke, Peterborough, Simcoe, Stratford, and Windsor.

Approximation. a On Lake Simcoe e Near Lake Ontario (on Bay of Quinte). f On St. Lawrence. g On Lake Huron. h On Lake Ontario. i On the Ottawa River. j Close to Lake Erie. k On the Detroit River. l Inland Towns.

Table with columns: STATION, HUMIDITY OF AIR, WINDS, NUMBER OF OBSERVATIONS, VELOCITY OF WIND, AMOUNT OF CLOUDINESS, RAIN, SNOW, and AURORAS. Rows include Barrie, Belleville, Cornwall, Goderich, Hamilton, Pembroke, Peterborough, Simcoe, Stratford, and Windsor.

REMARKS.—Rain, 2nd, 11th—15th, 22nd, 23rd, 28th. Snow, 20th, 26th, 27th, 29th, 30th. BELLEVILLE.—Rain, 2nd, 4th, 10th, 13th, 14th, 15th, 22nd, 23rd, 28th. SNOW, 25th, 26th, 27th, 28th, 29th. CORNWALL.—First fall of snow, 18th, from 3 to 4 P.M. Hail storm, 19th, from 3.10 to 3.27, violent while it lasted, hail falling to depth of 3 inches. Rain, 5th, 12th, 14th, 23rd. Snow, 18th, 20th, 26th, 27th, 28th, 29th, 30th. WINDSTORMS, 2nd, 4th, 9th, 11th, 14th, 16th, 17th, 19th, 20th, 21st, 24th, 26th. SNOW, 15th, 26th, 27th, 30th. Rain, 2nd, 4th, 10th, 11th, 12th, 14th, 23rd, 24th, 28th, 29th. Foliage of trees of the silver-leaved poplar and of the hard and red maple. 6th, 17th, 18th, 19th, 22nd, 23rd, 24th, 28th, 29th.

a Where the clouds have contrary motions, the higher current is entered here. b Velocity is estimated, 0 denoting calm or light air; 10 denoting very heavy hurricane. c 10 denotes that the sky is covered with clouds; 0 denotes that the sky is quite clear of clouds.