

IV. 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 High School Stations, for JUNE, 1871.

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

Table with columns: STATION, BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT, TEMPERATURE OF THE AIR, WINDS, VELOCITY OF WIND, AMOUNT OF CLOUDINESS, MONTHLY MEANS, RAIN, SNOW, AURORA S.

Approximation. d 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. l Close to Lake Erie. m On the Detroit River. n Inland Towns.

Table with columns: STATION, HUMIDITY OF AIR, WINDS, NUMBER OF OBSERVATIONS, MOTION OF CLOUDS, SURFACE CURRENT, MONTHLY MEANS, AMOUNT OF CLOUDINESS, RAIN, SNOW, AURORA S.

a Where the clouds have contrary motions, the higher current is entered here. 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

REMARKS. On 14th, solar halo. Lightning, 6th, 7th, 10th. Hail. Barrie.—Lightning with thunder, 3rd, 4th. Hoar frost, 30th, 13th, 15th, 24th, 29th. The month, save at the com- 15th. Lightning with thunder, 3rd. Thunder with rain, 22nd, 24th. Rain, 4th, 6th, 7th, 10th, 13th, 14th, 20th, 24th, 27th, 28th. commencement and the end, generally chilly and unseasonable; fires con- Lightning and thunder with rain, 2nd, 14th, 27th. Frost, 17th. Wind. PETERBOROUGH.—On 14th and 15th, slight hoar frost. 17th, hoar ed in dwellings; growth of crops and vegetables continually checked; storm, 22nd. Fog, 3rd. Rain, 3rd, 7th, 10-15th, 18th, 20th, 23rd, 28th. frost; potatoes, beans and tomatoes injured. 30th, a serious frost; showers slight and much drought; hay crop promises to be a failure. CONTRAWL.—Lightning, 2nd. Thunder with rain, 13th. Lightning (fences quite icy; surface of ground white with rime. Lightning, 10th; Although the frosts were severe, the crops, being advanced, sustained and thunder with rain, 10th. Frost, 8th, 10th. Wind storm, 28th. also lightning with thunder and rain. Narrow halo round sun at 1 little injury. The unusual prevalence of two strata of clouds indi- Rain, 3rd, 10th, 12th-15th, 20th, 28th. [P. M., 27th; also, wide lunar halo same night. Fogs, 17th and 19th. (ated unsettled weather.