

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

I. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of ten Grammar School Stations, for JUNE, 1870.

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Table with columns for STATION, BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT, TEMPERATURE OF THE AIR, TEMPERATURE OF VAPOUR, and MONTHLY MEANS. Rows list stations like Pembroke, Cornwall, Belleville, etc.

Approximation. a On Lake Simcoe e Near Lake Ontario on Bay of Quinte. f On St. Lawrence. g On Lake Huron. A On Lake Ontario. s On the Ottawa River. t Close to Lake Erie. u On the Detroit River. z Inland Towns.

Table with columns for STATION, HUMIDITY OF AIR, WINDS, NUMBER OF OBSERVATIONS, VELOCITY OF WIND, AMOUNT OF CLOUDINESS, RAIN, SNOW, AURORAS, and WHEN OBSERVED. Rows list stations like Pembroke, Cornwall, Belleville, etc.

a Where the clouds have contrary motions, the higher current is entered here. b Velocity is estimated, c denoting calm or light air; 10 denoting very heavy hurricane.

REMARKS.—On 1st, fire seen. Lightning with thunder and rain II; maximum brilliancy in the country—unusually early. 28th, lightning with thunder. Light on 2nd, 9th, 19th, 27th. Lightning, 24th. Wind storms, 9th, 20th, of mercury in barometer. Lightning, with thunder and rain, on 4th morning on 4th, 24th, 27th, 28th, 27th. Fog, 16th. Rain, 1st, 6th, 10th, 11th, 14th—16th, 20th, 26th, and 30th. Wind storm, 13th. Rain, 4th, 5th, 7th, 8th—12th, 14th, 20th. Month unusually warm, and mean range also higher than in any June since station was established. Vegetation much farther advanced than is usual at this time. No spring ever known here in this Province. On 2nd, thunder. 7th, dim halo round sun, and advanced than is usual at this time. No spring ever known here in this Province. On 7th, great storm of thunder and lightning, with hail at night round moon. 10th, observer thinks sleet accompanied the weather was so steadily and uninterrupted warm and rain, commenced at 1 P.M., and lasted until 3 P.M.; hail stones rain to-day. 11th, lightning and thunder with rain. 20th, all fore-gemal from the time the snow disappeared. No frosts or chilling very large. 8th, lightning and rain. 15th, brilliant aurora of class moon small and clearly defined halo round sun. 27th, raspberries ripe winds. Movements of barometer very steady and gradual. Difference