

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

1. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten Grammar School Stations, for FEBRUARY, 1870.

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

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 for STATION, HUMIDITY OF AIR, WINDS, NUMBER OF OBSERVATIONS, VELOCITY OF WIND, AMOUNT OF CLOUDINESS, RAIN, SNOW, and AURORAS. Stations include Pembroke, Cornwall, Barrie, Peterborough, Belleville, Goderich, Stratford, Hamilton, and Windsor.

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

\* A lower indication of the barometer was observed, beyond the regular hours, on Sunday, 27th, at Goderich (28.388), and at Stratford (27.968).

REMARKS.

PEMBROKE.—Wind storms, 1st, 12th, 18th. Snow nearly every day, viz.: 1st—5th, 9th—12th, 14th—23rd, 25th, 27th, 28th. Rain, 18th. CORNWALL.—Snow, 1st, 2nd, 8th, 9th, 12th, 14th, 18th, 22nd, 23rd, 26th, 28th. Rain, 1st, 4th.

P.M. 12th, large distinct lunar halo. 19th, rainbow in WZ about 5 P.M. Fog on 4th. Snow, 1st, 2nd, 9th, 10th, 12th, 13th, 14th, 17th, 18th, 20th, 23rd. Rain, 17th, 18th. Weather in general steadily cold. Snow very deep in backwoods; sleighing excellent and uninterrupted since 17th November. River very unusually high, owing to heavy rains and thaws in January.

GODERICH.—On 4th, small lunar halo at 6.30 P.M. 7th, large lunar halo at 9 P.M. 10th, blackbird seen. 16th, large lunar halo at 8—9 P.M. 23rd, wild ducks seen flying westward. Wind storms, 1st, 9th, 11th, 12th, 18th, 27th. Snow, 1st—3rd, 9th, 12th—14th, 17th—21st, 23rd, 24th, 27th, 28th. Rain, 17th, 18th, 27th. STRATFORD.—On 16th, large lunar halo at 9 P.M. Wind storms, 10th, 12th, 14th, 18th, 19th, 21st, 26th, 27th. Fog, 5th. Snow, 2nd, 9th, 12th, 14th, 17th, 18th—21st, 28th. Rain, 17th, 27th. HAMILTON.—Hail on 2nd, 9th, 11th, 27th. Wind storms, 17th, 21st,