

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

ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten High School Stations, for JANUARY 1874.

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STATION.		North Latitude & West Longitude.		BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT										TEMPERATURE OF THE AIR										TENSION OF VAPOUR																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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ELEVATION.		Above the Lake.		Above the Sea.		Inches.		7 A.M.		1 P.M.		9 P.M.		MEAN.		Date.		Reading.		Date.		Reading.		Date.		Least.		Date.		Reading.		Date.		Mean Range.		Mean Minimum.		Mean Maximum.		Mean Range.		Date.		Mean Temp.		Date.		Mean Temp.		Date.		A.M.		1 P.M.		9 P.M.		M.M.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Approximation. dOn Lake Simcoe. eNear Lake Ontario on Bay of Quinte. fOn St. Lawrence. gOn Lake Huron. hOn Lake Ontario. iOn the Ottawa River. jClose to Lake Erie. mOn the Detroit River. nInland Towns.

STATION.	HUMIDITY OF AIR.	WINDS. NUMBER OF OBSERVATIONS.										ESTIMATED <i>b</i> VELOCITY OF WIND.										AMOUNT OF CLOUDINESS.				RAIN.				SNOW.				AURORAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		SURFACE CURRENT.					MOTION OF CLOUDS. <i>a</i>					MONTHLY MEANS.					MONTHLY MEANS.					MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		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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.

d Record of rain at Peterborough incomplete this month owing to an accident.

REMARKS.

CORNWALL.—Wind storms, 19th, 23rd, 24th, 25th, 27th, 29th, 30th. Dry bulb thermometer lower than wet, 26th and 30th.

BARIE.—Wind storm, 4th. Snow, 3rd, 4th, 6th, 8th, 14th, 19th, 23rd–29th. Rain, 3rd, 4th, 7th, 20th, 22nd.

PETERBOROUGH.—Wind storms, 5th, 23rd, 29th. Fogs, 2nd, 3rd, 8th, 21st. Snow, 4th, 6th, 8th, 11th, 13th, 14th, 17th, 19th, 21st, 26th, 27th, 29th, 30th. Rain, 2nd, 4th, 6th, 7th, 19th, 21st, 22nd. Lunar halo, 9th and 28th (very large).

STRATFORD.—Wind storms, 4th, 15th, 24th, 30th. Fogs, 2nd, 3rd, 19th, 21st. Snow, 4th, 6th–11th, 13th–15th, 19th, 23rd–25th, 27th–30. Rain, 4th, 7th, 18th, 19th, 21st–23rd, 27th. Excess of mean monthly temperature over average of January 13 years, 14° 69.

HAMILTON.—Fogs, 21st, 22nd. Snow, 8th–10th, 13th, 14th, 19th, 24th, 29th, 30th. Rain, 3rd, 6th–9th, 19th, 21st, 23rd, 27th. Lightning, 22nd.

WINDSOR.—Wind storms, 24th, 29th, 30th. Fogs, 2nd, 19th, 22nd. Snow, 6th–8th, 13th, 24th, 29th, 30th. Rain, 18th, 19th, 21st, 22nd, 27th. Lunar halo, 31st.