

VII. 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 APRIL, 1873.

OBSERVERS:—Pembroke—R. G. Scott, Esq., M.A.; Cornwall—James Smith, Esq., A.M.; Barrie—H. B. Spotton, Esq., M.A.; Peterborough—J. B. Dixon, Esq., M.A.; Belleville—A. Burdon, Esq.; Goderich—Hugh J. Strang, Esq., B.A.; Stratford—C. J. Macgregor, Esq., M.A.; Hamilton—J. M. Buchan, Esq., M.A.; Simcoe—Dion C. Sullivan, Esq., L.L.B.; Windsor—J. Johnston, Esq., B.A.

STATION.	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.										TEMPERATURE OF THE AIR.										TENSION OF VAPOUR.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	MONTHLY MEANS.					RANGE.					MONTHLY MEANS.					DAILY RANGE.					LOWEST.		WARM-EST DAY.		COLDEST DAY.	MONTHLY MEANS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	7 A.M. 1 P.M. 9 P.M. MEAN.					Highest.	Date.	Reading.	Date.	Monthly.	Greatest in 24 hours.	Date.	7 A.M. 1 P.M. 9 P.M. MEAN.					Mean Maximum.	Mean Minimum.	Mean Range.	Greatest.	Least.	Date.	Reading.			Date.	Monthly Range.	Date.	Mean Temp.	Date.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
	North Latitude.	West Longitude.	Above the Lake.	Above the Sea.	Feet.								Inches.	7 A.M.	1 P.M.	9 P.M.	MEAN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Pembroke.	45-50	77-10	423																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														

Approximation. dOn Lake Simcoe. eNear Lake Ontario on Bay of Quinte. fOn St. Lawrence. gOn Lake Huron. AOn 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 VELOCITY OF WIND.										AMOUNT OF CLOUDINESS.					RAIN.					SNOW.					AURORAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	MONTHLY MEANS.					SURFACE CURRENT.					MOTION OF CLOUDS. &					MONTHLY MEANS.					MONTHLY MEANS.					MONTHLY MEANS.					MONTHLY MEANS.					MONTHLY MEANS.					MONTHLY MEANS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
	7 A.M.	1 P.M.	9 P.M.	MEAN.		North.	East.	South-East.	South.	West.	North-West.	Impet.	Clear.	Total.	7 A.M.	1 P.M.	9 P.M.	MEAN.	7 A.M.	1 P.M.	9 P.M.	MEAN.	No. of Rainy Days.	Duration in hours.	Depth in inches.	No. of Snowy Days.	Duration in hours.	Depth in inches.	Total Depth of Rain and Melted Snow.	Class I.	Class II.	Class III.	Class IV.	Sky unfavorable, obs. doubtful.	Sky unfavorable, obs. impossible.	Sky favorable, none seen.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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.

* Gauge leaky.

c 10 denotes that the sky is covered with clouds; 0 denotes that the sky is quite clear of clouds.

REMARKS.

Pembroke.—Lightning, thunder and rain, 6th. Hail, 19th. Snow, 1st, 10th. Rain, 6th, 7th, 9th, 18th. First timber and logs passed down Muskrat slide, 26th. Steamer Pembroke first trip to Pelee, 29th, and first boat down St. Lawrence. Barrie.—Heavy lightning, thunder, and rain storm, 4th and 5th. Fogs, 6th, 7th. Snow, 1st, 10th, 17th, 18th, 19th. Rain, 2nd, 5th, 7th, 8th, 9th, 11th, 16th, 17th. Frogs heard, 23rd. Butterflies, 27th. Peterborough.—Lightning with thunder, 5th and 8th. Wind E. to W. storms, 14th, 26th. Fogs, 6th, 7th, 8th, 9th, 18th. Snow, 2nd, 3rd, 17th, 24th, 26th. Rain, 1st, 2nd, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 17th. Sleighting ended, 10th. Otonabee River highest, 26th. Magnificent double corona on 30th. Sky dark up to about 15°, then a bright Zone from 15° to 30°, and a second bright Zone from about 70° to 80°. Both extended E. to W., and gradually faded out a little after 9 p.m., from E. to W.