

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 NOVEMBER, 1868.

OBSERVERS:—*Barrie*—H. B. Spotton, Esq., M.A.; *Bellefleur*—A. Burton, Esq.; *Cornwall*—W. Taylor Briggs, Esq., B.A.; *Goderich*—James Preston, Esq.; *Hamilton*—A. Macallum, Esq., M.A.; *Pembroke*—J. W. Connor, Esq., B.A.; *Peterborough*—Ivan O'Brien, Esq.; *Simcoe*—Rev. J. G. Mulholland, M.A.; *Stratford*—C. J. Magregor, Esq., M.A.; *Windsor*—J. Johnston, Esq., B.A.

STATION.	ELEVATION. a	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.										TEMPERATURE OF THE AIR.										TENSION OF VAPOUR.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		MONTHLY MEANS.					HIGHEST.	LOWEST.	RANGE.	MONTHLY MEANS.		DAILY RANGE.	HIGHEST.	LOWEST.	MONTHLY RANGE.	WARM-EST DAY.	COLD-EST DAY.	MONTHLY MEANS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		North Latitude. a	West Longitude. a	Above the Lake.	Above the Sea.	7 A.M.				1 P.M.	9 P.M.							MEAN.	Reading.	Date.	Mean Temp.	Date.	Mean Temp.	7 A.M.	1 P.M.	9 P.M.	MEAN.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Barrie.....	44.25 79.45	50	77.10	29.06	29.07	32.03	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06	29.07	32.03	29.06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a 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. j Close to Lake Erie. m On the Detroit River. k Inland Towns.

STATION.	HUMIDITY OF AIR.		WINDS. NUMBER OF OBSERVATIONS.												ESTIMATED ^b VELOCITY OF WIND.				AMOUNT OF CLOUDINESS. ^c				RAIN.				SNOW.				A U R O R A S.																																																																																																																																																																																																																																																																																																																																																																																																																									
	MONTHLY MEANS.		SURFACE CURRENT.						MOTION OF CLOUDS. ^a						MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.		MONTHLY MEANS.																																																																																																																																																																																																																																																																																																																																																																																																																							
	7 A.M.	9 P.M.	North.	East.	South.	West.	North West.	South West.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.	East.	South East.	North.</

* Cornwall, no report, in consequence of change of observer.

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.

REMARKS.

Barrie.—On 3rd, lunar halo of no great brilliancy. 5th, fog. 7th, meteoric display. Severe rain storm from 4.30 p.m. on 17th to 8 a.m. on 18th, with some sleet. Considerable fall of snow from 10 p.m. 25th to 6 a.m. 30th. Rain, 4th, 8th, 9th, 10th, 17th, 18th, 25th, 26th, 28th, 29th. Snow, 19th, 20th, 21st, 22nd, 23rd, 30th. **Goderich.**—On 8th, light fog in morning. Hail 1st and 11th. On 10th, at 7 a.m., the atmosphere was fully saturated with vapor. On 11th, 14th, 20th, 21st, 25th, 26th, 28th, 29th, very numerous 17th, 18th, 21st, 25th, 26th, 28th, 29th. On 12th, 13th, 23rd, appear-
Bellefleur.—Great rain storm 8th, 9th and 10th. 13th, great