

2. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten Grammar School Stations for NOVEMBER, 1867.

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STATION.	North Latitude. a	West Longitude. a	ELEVATION. a	Barometer at temperature of 32° Fahrenheit.										Temperature of the Air.										Tension of Vapour.																					
				MONTHLY MEANS.					HIGHEST.					LOWEST.					RANGE.					MONTHLY MEANS.					DAILY RANGE.					HIGH-EST.		LOWEST.		WARM-EST DAY		COLD-EST DAY		MONTHLY MEANS.			
				7 A.M.	1 P.M.	9 P.M.	MEAN.	Date.	Reading.	Date.	Reading.	Date.	Reading.	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.	Reading.	Date.	Mean Temp.	Date.	Mean Temp.	Date.	7 A.M.	1 P.M.	9 P.M.	MEAN.							
Barrie	44.25	79.45	59	779.29	0136	29.0023	29.0186	29.3441	1 p.m.	6.28.50	1 p.m.	7.02	29.30	32.35	38.05	35.43	34.81	42.57	27.09	15.48	26.6	8	5.6	25	53.0	18.07.17	36	5.07	18.07.17	36	5.07	18.07.17	36	5.07	18.07.17	36	5.07	18.07.17	36	5.07					
Belleville	44.10	77.23	72	807.29	0403	29.5226	29.5611	29.5413	29.3099	9 p.m.	6.28.51	9 p.m.	29.30	31.11	33.34	35.05	34.57	43.71	26.26	17.46	38.0	30	5.5	29	59.7	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50					
Cornwall	45.0	74.50	...	175.29	4708	29.4630	29.4703	29.4600	29.8777	a.m.	7.28.50	1 p.m.	29.30	30.29	32.34	34.05	34.57	41.01	19.38	21.63	40.7	30	10.5	28	63.3	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50	25.30.46	30	8.50					
Goderich	43.45	81.42	137	715.29	1948	29.1080	29.2114	29.1964	29.5087	a.m.	6.28.50	1 p.m.	29.30	30.38	32.45	33.39	33.58	40.23	23.37	15.86	26.2	28	0.7	15	64.9	8.58.73	30	16.70	8.58.73	30	16.70	8.58.73	30	16.70	8.58.73	30	16.70	8.58.73	30	16.70					
Hamilton	43.12	79.50	90	824.29	593	29.575	29.611	29.5929	29.9107	7 a.m.	5.20.03	1 p.m.	29.30	30.36	32.44	33.06	33.77	40.47	26.80	23.67	36.8	8	10.8	28	65.8	9.58.2	30	16.5	9.58.2	30	16.5	9.58.2	30	16.5	9.58.2	30	16.5	9.58.2	30	16.5					
Pembroke	45.50	77.10	...	400.29	352	29.361	29.400	29.371	29.8079	9 p.m.	6.28.52	9 p.m.	29.30	30.27	32.2	32.3	32.87	38.0	14.9	33.1	44.0	30	7.5	29	59.0	9.53.03	30	4.87	9.53.03	30	4.87	9.53.03	30	4.87	9.53.03	30	4.87	9.53.03	30	4.87					
Peterboro'	44.20	78.25	...	829.29	2125	29.2101	29.2835	29.2220	29.6029	9 p.m.	6.28.49	9 p.m.	29.30	30.46	32.31	33.32	34.1	36.72	17.64	35.6	31.0	30	6.7	27	60.3	9.51.06	30	15.26	9.51.06	30	15.26	9.51.06	30	15.26	9.51.06	30	15.26	9.51.06	30	15.26					
Simcoe	42.51	80.14	150	716.29	0760	29.0625	29.0881	29.0775	29.3637	a.m.	6.28.54	1 p.m.	29.30	30.36	32.44	33.06	33.41	40.12	22.90	19.22	35.6	8	7.1	27	63.9	8.56.43	30	15.65	8.56.43	30	15.65	8.56.43	30	15.65	8.56.43	30	15.65	8.56.43	30	15.65					
Stratford	43.25	80.58	...	1182.29	6650	29.5558	29.6300	29.6703	29.8837	a.m.	5.28.10	1 p.m.	29.30	30.34	32.40	33.24	33.65	43.77	26.68	14.00	24.5	8	3.2	28	58.4	8.51.03	30	12.37	8.51.03	30	12.37	8.51.03	30	12.37	8.51.03	30	12.37	8.51.03	30	12.37					
Windsor	42.20	83.00	...	620.29	3590	29.3329	29.3600	29.3506	29.6867	a.m.	5.28.74	1 p.m.	29.30	30.36	32.40	33.29	33.72	41.26	31.31	19.53	30.4	4	5.0	28	67.7	8.60.66	30	15.20	8.60.66	30	15.20	8.60.66	30	15.20	8.60.66	30	15.20	8.60.66	30	15.20					

* 48 hours (Sunday). 39° 3, 5th.

a Approximation. e On Lake Simcoe. n On St. Lawrence. f Near Lake Ontario (on Bay of Quinte.) 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.										MOTION OF CLOUDS. d										Estimated $\bar{v}$ Velocity of Wind.				Amount of Cloudiness, c				RAINF.				SNOW.		AURORAS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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	7 A.M.	9 P.M.	MEAN.	North.	North.	East.	South.	South.	West.	West.	North.	West.	Calim.	Total.	North.	North.	East.	South.	South.	West.	West.	North.	Clear.	Total.	7 A.M.	1 P.M.	9 P.M.	MEAN.	7 A.M.	1 P.M.	9 P.M.	MEAN.	No. Rainy Days.	Duration in hrs.	Depth in inches.	No. Snowy Days.	Duration in hrs.	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.	26th.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Barrie	79	74	76	1	...	...	...	...	...	...	...	...	78	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

d Velocity is estimated. 0 denoting calm or light air; 10 denoting very heavy hurricane.

e Where the clouds have contrary motions, the higher current is entered here.

B E M A R K S.

BARRE.—Blew very heavily from NW on 1st and 2nd at noon, changed during night to SE. Very violent and gusty all Sunday 3rd, with much rain—quite a gale SE on Sunday night with hail and slight snow, first of season. Hail on 4th. Heavy fog all 23rd, and very heavy on 23rd. Fog also on 24th, 25th. Snow on 6th, 16th, 18th, 19th, 29th, 30th. Rain on 5th.

BELLEVILLE.—Strong gales from noon on 1st to 3 o'clock p.m. on 2nd, particularly between 10 a.m. and 1 p.m. of 2nd; wind S on 1st, and SW and NW on 2nd. Strong gales on night of 3rd and during the greater part of 4th and 5th. From 5th to 8th temperature below freezing point every night, succeeded by milder weather. A sudden change occurred on 29th, temperature falling from 42° 1 to 4° 3.

CORNWALL.—On 4th at 1 p.m. surface current N, 3; nimbi observed moving to SW rapidly, and higher cirro-cumuli slowly to E. Fog on 4th, 6th, 24th, 25th, 29th. Month colder and drier than November, 1866.

CONSUMPTION.—On 4th at 1 p.m. surface current N, 3; nimbi observed moving to SW rapidly, and higher cirro-cumuli slowly to E. Fog on 4th, 6th, 24th, 25th, 29th. Month colder and drier than November, 1866.

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

A U R O R A S.

STATION.	MONTHLY MEANS				SURFACE CURRENT.										MOTION OF CLOUDS.										MONTHLY MEANS				MONTHLY MEANS				WHEN OBSERVED.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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