

1. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten High School Stations, for JANUARY, 1872.

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STATION.		BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.										TEMPERATURE OF THE AIR.										TENSION OF VAPOUR.														
North Latitude. <i>a</i>	West Longitude. <i>a</i>	MONTHLY MEANS.			HIGHEST.		LOWEST.		RANGE.		MONTHLY MEANS.			DAILY RANGE.		HIGHEST.		LOWEST.		WARM-EST DAY.		COLD-EST DAY.		MONTHLY MEANS.												
		7 A.M.	1 P.M.	10 P.M.	MEAN.	HIGHEST.	Date.	Reading.	Date.	Monthly.	Greatest in 24 hours.	Date.	7 A.M.	1 P.M.	10 P.M.	MEAN.	Mean Maximum.	Mean Minimum.	Mean Range.	Date.	Reading.	Date.	Monthly Range.	Date.	Mean Temp.	Date.	Mean Temp.	A.M. 1 P.M. 10 P.M.								
Pembroke...	45° 50' 77" 10	423	29-292	29-256	29-237	29-2620	29-989	9 p.m.	14	28-707	7 a.m.	28	1-282	621 15	4 8	8° 5	8° 4	7-87 19 9	-3 3	23 3	38 1	15	9 5 21	40° 5	16	-30° 0	29	70° 5	3	38° 53 29	-18° 70	061	073	069	008	
Comwall...	45° 0	74 50 137	175 59-8177	29-9031	29-8064	29-8089	30-420	7 a.m.	15	29-275	9 p.m.	16	1 145	812 15-16	9 90	15 61	13 49	13 00	21 98	1 45	20 43	44 8	17	5 9 5	52° 8	17	-21° 8	29	74° 6	16	46° 10 29	-11° 43	073	082	080	078
Barrie...	44° 25' 79 45	68	779 29-00	28-9400	28-9813	28-9619	29-433	9 p.m.	14	28-416	1 p.m.	8	1-017	792 1-2	12-26 18 74	14 65	15 22	25 30	2-28 23 02	46 6	29	8 8 20	40° 9	3	-27° 8	29	68° 7	3	33° 53 29	-6° 33	081	069	082	090		
Peterboro...	44° 20' 78 25	72	879 29-2410	29-2159	29-2421	28-3300	29-717	9 p.m.	14	28-411	1 p.m.	8	1-306	1 018 2-3	11-89 20 26	14 99	15 71	26 27	1 61	34 66	46 6	29	8 8 20	40° 9	3	-27° 8	29	75° 0	16	38° 53 29	-5° 63	081	069	082	094	
Belleville...	44° 10' 77 52	72	807 29-7086	28-6137	29-6953	29-6638	30-115	7 a.m.	13	29-739	9 p.m.	16	876	680 16-17	13 65	10 70	18 70	17 35	56 21	6 82	19 39	34 1	15	7 7 10	46° 6	16	-17° 9	29	64° 5	16	40° 76 29	-4° 93	084	106	107	099
Goderich...	43° 45' 81 42	...	715 29-1883	29-169	29-2137	29-1870	29-567	9 p.m.	28	28-935	1 p.m.	21	-932	651 1-2	16-03 19 90	15 82	17 28	23 19	6 40	16 70	92 4	28	7 6 4	43° 7	15	-18° 1	29	61° 8	13	37° 03 29	-4° 10	087	087	186	090	
Stratford...	43° 25' 80 78	...	1182 28-6619	28-6350	28-6606	28-6528	29-034	7 a.m.	30	28-094	1 p.m.	21	-908	610 21-22	14 24	18 31	14 58	15 80	22 89	7 38	15 50	26 0	28	4 5 24	40° 4	16	-19° 3	29	50° 7	13	35° 43 29	-10° 10	090	068	089	092
Hamilton...	43° 12' 79 50	...	324 29-6214	29-5831	29-6145	29-6063	30-021	7 a.m.	29	29-012	1 p.m.	21	-909	639 2-3	17-35 22 60	18 46	19 47	26 78	12 48	14 30	30 1	30	4 9 21	40° 3	16	-14° 5	29	63° 8	16	42° 56 29	-5° 93	101	117	106	108	
Simcoe...	42° 51' 80 14	150	716 29-0480	29-0155	29-0569	29-0401	29-371	7 a.m.	1	28-471	1 p.m.	21	-900	635 1-2	17-82 23 72	19 46	20 33	30 29	7 01	22 38	42 9	13	8 7 18	44° 9	13	-25° 6	29	70° 5	16	41° 4	29	10° 4	096	118	102	105
Windsor...	42° 20' 83 00	...	650 29-3517	29-3140	29-3594	29-3417	29-762	9 p.m.	28	28-746	7 a.m.	21	1-006	732 1-2	10-97 21 76	17 60	18 77	26 58	9 90	16 78	97 3	8	5 8 14	53° 9	13	-27° 1	29	81° 0	15	42° 67 29	-11° 77	096	102	096	098	
Approximation.		dOn Lake Simcoe.	eNear Lake Ontario on Bay of Quinte.										fOn St. Lawrence.		gOn Lake Huron.		h On Lake Ontario.		i On the Ottawa River.		m On the Detroit River.		k Inland Towns.													

Approximation *a* On Lake Simcoe
Near Lake Ontario on Bay of Quinte. *e*
On St. Lawrence. *f* On Lake Huron.
On Lake Ontario. *h* On Lake Ontario.
On the Ottawa River. *i* On the Ottawa River.
Close to Lake Erie. *l* Close to Lake Erie.
On the Detroit River. *m* On the Detroit River.
Inland Towns. *k* Inland Towns.

[illegible]

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

† Where the clouds have contrary motions, the higher current is entered here. velocity is estimated 0 denoting calm or light air: 10 denoting very heavy hurricane

REMARKS:

PEMBRROKE.—Snow, 3rd, 5th, 8th, 12th, 13th, 15th—17th, 20th, 21st 23rd, 24th. Rain, 16th.

CORNWALL.—Wind storms, 6th, 24th. Snow, 3rd, 5th—7th, 9th 13th, 14th, 16th, 18th, 19th—26th, 28th 31st. Rain, 3rd, 14th, 16th, 17th, 18th, 20th, 21st, 23rd, 24th, 25th, 26th, 28th, 30th, 31st.

BARRIE.—Snow, 2nd, 4th, 5th, 15th, 17th, 18th—21st, 23rd, 24th, 27th. Rain, 2nd, 13th, 15th, 16th.

PETERBOROUGH.—Fan-shaped aurora on 7th, red at 7 p.m., blue at 9 p.m. Large lunar circle on 9th. Red sky in N. at 5 p.m., 25th, and bright aurora at 9 p.m. Wind storms, 3rd, 8th, 15th, 23rd. Fog, 13th, 14th, 16th. Snow, 2nd, 3rd, 6th, 8th, 11th, 14th, 17th, 18th, 20th, 21st, 23rd, 24th, 26th, 28th, 30th, 31st. Rain, 2nd, 13th, 16th.

BELLEVILLE.—Snow, 5th, 6th, 8th, 9th, 18th, 20th—24th, 26th, 28th 31st. Rain, 3rd, 15th, 16th, 17th, 18th, 20th, 21st, 23rd, 24th, 25th, 26th, 28th, 30th, 31st. Wind storms, 8th, 9th, 23rd. Snow, 3rd, 13th—16th.

GODFREIGH.—Lunar halo, 7th. Wind storms, 8th, 9th, 23rd. Snow, 1st, 3rd—9th, 11th, 16th, 18th—21st, 23rd, 24th, 27th, 28th. Rain, 2nd, 3rd, 15th, 16th.

STRATFORD.—Large lunar circle, 7th and 10th. Wind storms, 2nd, 3rd, 23rd. Snow, 3rd, 5th, 6th, 8th, 16th, 18th, 20th, 21st, 23rd, 24th, 25th, 26th, 28th, 30th, 31st.