

1. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at ten Grammar School Stations, for July, 1870.

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STATION.	ELEVATION. ft.	BAROMETER AT TEMPERATURE OF 32° FAHRENHEIT.										TEMPERATURE OF THE AIR.										TENSION OF VAPOUR.										
		MONTHLY MEANS.					HIGHEST.		LOWEST.		RANGE.		MONTHLY MEANS.			DAILY RANGE.		HIGHEST.		WARM-EST DAY.		COLD-EST DAY.		MONTHLY MEANS.								
		North Latitude.	West Longitude.	7 A.M.	1 P.M.	9 P.M.	MEAN.	Above the Lake.	Above the Sea.	Monthly.	Greatest in 24 hours.	Date.	Mean Maximum.	Mean Minimum.	Mean Range.	Greatest.	Date.	Least.	Date.	Reading.	Date.	Monthly Range.	Date.	Mean Temp.	Date.	Mean Temp.	Date.	7 A.M.	1 P.M.	9 P.M.	MEAN.	
Pembroke.....	45-50 77-10	423-29-10-46	29-15-53	29-16-06	29-17-43	29-14-70	7 a.m.	22-28-80-3	9 p.m.	7	60-2	29-6	7-8	64-22-7-67	60-36-09-26	61-55-57-06	54-79-35-02	9-4	12	03-3	23	45-21	9-48-1	20	78-00	8	59-7	080	744	632	685	500
Donwall	45-0 74-50 137	175-29-04-05	29-01-51	29-01-11	29-02-23	29-02-7	7 a.m.	22-28-31-4	9 p.m.	7	51-3	31-5	6-7	72-27-19-27	60-73-78-70-85	44-50-65-25	76-37-8	1-14-2	12	07-0	25	47-0	150-0	20	80-36	8	65-7	080	744	632	685	500
Barrie	44-25 70-45	77-28-38-08	28-28-75	28-42-59	28-36-77	28-69-7	9 p.m.	21-28-0-5	9 p.m.	20	61-2	44-0	30-21	69-20-21	69-26-35-02	70-48-81	53-57-22	54-1-38-1	5-10-9	20	02-6	20	47-0	15-45-6	20	80-0	8	62-3	556	564	531	551
Peterborough	44-20 78-25	603-29-03-32	29-18-55	29-18-06	29-19-61	29-39-9	9 p.m.	30-28-87-5	9 p.m.	7	52-3	24-6	23-1	67-58-77	60-03-70-48-81	70-48-81	51-52-10-42	2-22-17-3	7	00-7	20	39-8	256-9	20	78-43	8	60-1	529	545	500	528	
Belleville	44-10 77-52	807-29-58-01	29-57-74	29-57-03	29-57-50	29-73-9	9 p.m.	30-28-27-3	9 p.m.	7	52-3	28-6	7-8	68-19-76	16-03-70-84	70-82-61	53-18-09-25	0-6-7	12	88-1	18	51-7	236-4	10	77-83	1	63-30	567	594	596	582	
Georgetown	43-45 81-42	715-29-01-17	29-15-29	29-15-29	29-15-29	29-40-1	9 p.m.	30-28-80-8	9 p.m.	7	52-3	28-1	7-8	68-76-71	28-06-68	18-68-07	75-59-50	40-16-49-27	3-8-5	29	86-9	23	47-9	330-6	23	70-03-15	23	70-03-15	567	584	574	588
St. John's	43-25 60-58	118-28-08-79	28-67-72	28-67-72	28-67-72	28-88-0	9 p.m.	30-28-35-7	9 p.m.	7	52-3	28-1	6-7	64-03-72	35-05-67	21-75-79-59	25-16-54	24-3-22	8-3	23	86-0	23	47-8	338-2	23	76-4-29	50-70	54-3	605	561	570	
St. John's	43-12 79-50	324-29-56	29-53	29-54	29-54	29-69-7	9 p.m.	30-29-21-4	9 p.m.	7	43-2	29-2	6-7	68-9	78-9	88-5	72-1	84-3	15-1	37-1	41-7	23	48-5	21-47	23	82-2	1	62-0	667	639	563	590
St. John's	42-51 80-14	714-28-03-3	28-50-3	28-50-3	28-51-29	29-184-9	9 p.m.	25-28-48-7	9 p.m.	7	60-7	41-1	7-8	60-63	75-13-09	02-70	26-78-71	61-48	17-30	4-8-0	7	86-3	18	52-2	9-56	2	60-0	568	628	619	605	
St. John's	42-51 80-14	620-29-20-27	29-29-06	29-30-10	29-29-81	29-57-8	9 p.m.	30-29-02-5	9 p.m.	7	49-3	29-5	7-8	70-1	78-30-39	79-72	73-81	55-02	60	10-26	33	42-1	850-3	23	81-47	8	63-3	603	626	613	614	

Approximation. *a* 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. *l* Close to Lake Erie. *m* On the Detroit River. *n* Inland Towns.

[illegible]

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.

REMARKS.

[illegible]