

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN MAY, 1861.

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Day.	DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected and reduced to 32° at P. M.	Temperature of the Air.	Dew Point.	Relative Humidity.	Ozone.	CLOUDS.		Maximum read at 9, P. M.	Minimum read at 7, A. M.	Its general Direction and Force from 0 Calm to 10 Violent to 10 Hurricane.	Rain in 24 hrs read at 10 A. M.	Snow in 24 hrs read at 10 A. M.	Total rain and melted snow					
						Amount.	General description.											
1	Inc's.	°	°	0.100	0.10	0.10		°	°		Inch.	Inc.	Inc.					
2	29.782	33.6	31.0	75	5.00	4.0	Cu.	47.8	35.6	N.W.	0.10							
3	30.004	36.2	31.2	82	3.50	0.3	Strat.	49.3	21.2	W.N.W.	1.6			Faint Auroral Light; Hard Frost, Comet.				
4	29.941	36.9	27.7	70	1.83	1.0	Cir. St.	53.0	20.5	S.W.	1.6							
5	29.961	47.6	37.5	68	2.25	0.0		60.3	34.8	S.	1.6			Faint Auroral Light.				
6	29.827	55.2	43.9	66	1.75	1.3	Strat.	68.3	38.4	S.W.	2.3							
7	29.557	50.1	44.8	83	9.00	9.3	Cir. St.	61.3	39.4	S.S.E.	3.0			Wind in gusts.				
8	29.084	56.8	54.4	93	10.0	8.3	Cu. St.	64.3	42.2	S.W.	3.6	0.68		0.58 Auroral Light.				
9	29.486	53.1	47.3	82	9.00	8.6	Cu. St.	66.3	46.6	S.W.	2.6	0.04		0.64				
10	29.839	52.5	43.2	72	7.50	4.3	Cu.	63.5	41.5	S.W.	1.3							
11	29.807	54.2	44.1	69	4.50	0.0		71.2	40.0	Calm.								
12	29.707	56.6	49.5	79	7.00	8.6	Cir. Cu.	69.3	42.5	S.	1.0							
13	29.860	55.0	45.5	71	5.50	5.3	Cu. St.	63.3	46.8	N.N.E.	1.0	0.09		0.09				
14	29.849	59.2	53.5	83	8.00	8.6	Cu. St.	70.8	42.2	E.S.E.	1.6							
15	29.631	54.7	50.7	86	10.0	10.0	Nimb.	64.4	52.2	S.S.E.	4.0	0.16		0.16				
16	29.773	54.6	47.1	77	5.00	6.8	Cir. Cu. St.	63.8	48.6	W.	3.3	0.38		0.38				
17	29.639	54.5	49.0	82	8.50	8.6	Cu.	61.1	49.0	S.W.	4.6	0.11		0.11				
18	29.896	49.3	43.8	83	7.50	10.0	Nimb.	58.8	40.3	W.N.W.	2.0	0.10		0.10				
19	30.075	51.0	43.8	84	8.00	10.0	Cu. St.	60.2	44.5	W.N.W.	1.3	0.09		0.09				
20	30.041	55.7	46.2	71	5.00	6.0	Cir. Cu. St.	71.2	41.8	S.W.	1.0	0.04		0.04 Faint Solar Halo.				
21	29.907	59.8	48.9	69	5.00	6.6	Cu. St.	69.3	50.2	N.E.	1.0							
22	29.936	57.1	48.2	73	4.50	7.3	Cir. Cu.	63.0	48.5	W.N.W.	2.3							
23	30.054	60.1	46.6	63	2.50	1.3	Cir. Cu.	66.7	47.2	W.N.W.	1.3							
24	30.091	60.6	51.2	71	0.75	1.6	Cir. St.	71.2	51.0	S.W.	1.6							
25	29.924	64.5	48.5	60	7.00	6.6	Nimb.	71.5	49.8	S.	2.0							
26	29.556	62.9	50.6	63	7.00	7.6	Cu. St.	71.9	53.5	W.S.W.	3.0	0.24		0.24 Thunder and lightning at 2 a. m. but distant.				
27	29.511	65.7	49.8	57	6.50	5.6	Cu. St.	72.8	56.3	W.	1.0							
28	29.076	57.7	53.1	92	10.0	10.0	Nimb.	63.3	52.5	N.	4.0	0.38		0.38 Thunder and Light, p. m.				
29	29.623	49.9	45.5	90	10.0	10.0	Nimb.	60.0	41.5	W.N.W.	2.3	0.95		0.95 Heavy gale during night.				
30	29.955	53.5	45.7	79	9.00	8.6	Cu. St.	62.3	44.5	W.S.W.	3.3	0.58		0.58				
31	30.100	60.6	47.1	63	7.25	3.6	Cir. St.	62.3	43.7	W.S.W.	5.0	0.08		0.08				
31	30.151	64.4	45.4	52	6.60	1.3	Cir. St.	53.8	51.0	S.W.	3.3							
S's																		
M's	29.792	54.40	45.72	750				64.30	43.90					4.98				

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN MAY, 1861.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE						THERMOMETER.		Dew Point at 3 P. M.	WIND.		RAIN AND SNOW in 24 hours, ending at 6 A. M. next day.				GENERAL REMARKS.
	Barometer reduced to 32° Fah.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Max'm read at 6 A. M. of next day.	Min'm read at 2 P. M. of same day.	General Direction.	Mean Velocity in Miles per hour.		Rain.	Snow.	Total rain and melted Snow.	Ozone in 24 hours ending 6 A. M. of next day.			
1	Inches.	°	0-100	0-10	°	°						Inch.	Inch.	0.10	Very keen stormy day. Ice $\frac{1}{2}$ inch thick 6 a. m. Thin ice a. m. { Ice $\frac{1}{2}$ inch thick a. m. Aurora at midnight.	
2	29.6682	34.93	70	4	41.0	32.5	N. 37 W.	21.62				0.5	0.050			
3	.8107	26.03	69	4	45.4	28.0	N. 43 W.	7.23								
3	.8610	37.72	56	4	44.5	32.0	N. 70 E.	6.32							Very rapid fall of Barometer at 10 p. m. of 6th 28.644. Faint Aurora at midnight. Solar Halo during morning.	
4	.6523	42.57	51	4	49.8	32.0	S. 37 W.	4.44								
5	Sun day				54.8	31.8	N. 89 E.	11.46	.260		.260					
6	28.9728	47.75	89	10	33.2	43.0	N. 22 E.	15.96	1.845		.845				Dense fog a. m. Distant thunder during aft. Faint Auro. at midnight. Faint Auroral light 10 p. m.	
7	28.8720	46.62	75	10	35.5	45.4	N. 76 W.	15.53	.100		.100					
8	29.3225	44.17	72	6	50.5	40.4	N. 40 W.	9.06	Inap.		Inap.					
9	.5850	44.33	74	1	54.0	32.3	N. 26 E.	2.59							Very heavy storm at midnt. Thunder lightning and heavy rain. Thunder storm during even. Bar. at 6 a. m. 28.746, day very stormy.	
10	.3688	43.05	76	9	49.6	37.8	N. 69 E.	7.17	.165		.165					
11	.4168	48.68	79	7	57.4	43.5	N. 43 W.	2.92								
12	Sun day				60.2	42.8	S. 61 E.	3.07							Hoar frost this morning.	
13	.3910	47.62	89	10	50.2	45.2	N. 62 E.	7.51	.020		.020					
14	.4573	50.45	71	7	54.8	44.4	N. 78 W.	11.27								
15	.4073	43.90	73	4	60.2	37.8	S. 62 W.	7.16	.170		.170				Very heavy storm at midnt. Thunder lightning and heavy rain. Thunder storm during even. Bar. at 6 a. m. 28.746, day very stormy.	
16	.5480	44.33	73	9	50.4	41.0	N. 75 W.	15.15								
17	.7747	42.23	80	3	50.0	36.2	N. 37 W.	14.65								
18	.8725	44.13	71	8	53.0	32.6	N. 86 W.	6.41	Inap.		Inap.				Hoar frost this morning.	
19	Sun day				43.4	40.0	N. 62 E.	7.64	Inap.		Inap.					
20	.5775	50.53	69	6	57.8	44.6	N. 61 E.	7.91								
21	.6940	52.70	48	1	61.0	45.2	N. 22 W.	11.83							Hoar frost this morning.	
22	.8103	52.45	59	0	60.9	41.3	S. 54 W.	2.47								
23	.7792	50.90	67	6	59.8	37.8	S. 77 E.	4.44								
24	.4968	56.82	68	9	68.0	45.0	S. 47 W.	8.98	.625		.925				Hoar frost this morning.	
25	.3893	63.25	74	2	73.0	53.5	N. 60 W.	11.08								
26	Sun day				65.2	61.0	N. 87 E.	7.10	.115		.115					
27	.0860	47.33	76	8	55.8	47.9	N. 61 W.	27.96	Inap.		Inap.				Hoar frost this morning.	
28	.5527	48.00	60	6	60.5	40.4	N. 45 W.	11.50	.080		.080					
29	.7767	45.82	69	2	55.0	42.2	N. 47 W.	6.07								
30	.9095	51.62	60	0	61.4	33.0	S. 33 W.	4.64							Hoar frost this morning.	
31	.8683	54.80	67	0	65.2	40.2	S. 73 E.	3.12								
S's																
M's	29.5454	47.50	69	5	55.69	40.04	N. 44 W.	9.17	3.380	0.5	3.430					