

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN APRIL, 1860.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE							THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected and reduced to F. 32°	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 Mean Force from 6 O'Clock to 10 Volent Hurricane.	Rain in 24 hours read at 10 A.M.	Snow in 24 hours read at 10 A.M.	Total rain and melted snow.		
						Amount.	General Description.								
1	Inc's.	°	°	0-100	0-10	0-10		°	°		0-10	Inch.	Inch.	Inch.	
2	29.498	35.1	26.1	69	3.5	9.3	Cu. St.	52.0	21.2	N.	1.6				Solar and Lunar Halo.
3	29.829	18.2	9.7	53	1.5	0.8	Strat.	28.0	9.5	N.W.	3.0				Faint Auroral light.
4	29.559	30.0	24.5	84	2.5	10.0	Cu. St.	38.2	16.2	S.	12.6				
5	29.529	35.5	29.2	78	3.7	5.0	Cu. St.	42.0	27.7	N.	3.0		Inap.		
6	29.516	36.3	31.2	93	9.0	10.0	Nim.	43.0	32.0	N.	1.0	0.15		0.15	
7	29.942	37.4	22.7	71	4.0	3.0	Cu. St.	42.5	29.0	N.N.E.	2.6	0.05	0.50	0.24	Faint Auroral light.
8	30.070	40.9	29.2	58	5.5	1.0	Cir. St.	50.3	26.4	S.E.	1.0				
9	29.742	39.5	35.3	86	9.7	10.0	Nim.	44.2	37.0	S.	2.3			0.14	
10	29.991	49.5	32.7	73	3.5	3.3	Cir. St.	46.4	40.0	N.N.E.	2.3	0.30		0.30	Splendid Auroral display.
11	29.866	38.3	32.5	76	8.0	7.6	Nim.	44.4	29.0	S.S.E.	4.3				Rain with fine hail.
12	29.827	40.4	31.6	67	3.5	6.6	Cu. St.	48.9	33.8	N.N.E.	2.0	0.20		0.20	Aurora with streamers.
13	29.835	40.6	30.3	63	5.5	4.3	Nim.	49.3	23.8	E.S.E.	3.3				
14	29.681	39.0	31.7	75	5.0	7.6	Cu. St.	45.0	33.7	W.	3.6	0.05		0.05	Aurora with streamers.
15	29.815	25.2	17.0	82	2.0	4.6	Cu.	41.0	17.5	W.N.W.	5.0				Aurora with faint streamers.
16	30.147	27.3	19.0	80	2.2	0.0	0	34.8	11.6	W.N.W.	4.0				
17	30.026	38.9	32.6	75	4.7	7.6	Cir. Cu.	47.0	20.0	E.S.E.	2.3				First steamer to Quebec.
18	29.784	43.7	37.2	72	5.5	5.0	Nim.	61.5	36.0	W.N.W.	4.0	0.43		0.43	Thu. <i>Ilir. Bic.</i> seen ft. au. lt.
19	30.483	35.6	24.9	62	3.5	0.0	0	42.0	24.0	N.N.W.	2.6				Faint Aurora with streamers
20	29.288	46.0	27.7	39	2.0	2.0	Cir. St.	58.2	29.0	S.W.	1.0				Butterflies (<i>van. anti.</i>) seen.
21	30.857	53.0	38.1	55	1.5	9.3	Cu. St.	64.0	29.3	E.S.E.	1.0				
22	29.761	50.3	35.9	53	4.0	7.6	Cu. St.	60.5	39.8	N.N.E.	3.6				
23	29.767	47.4	36.9	61	3.0	6.6	Cir. Cu.	57.3	37.0	N.E.	2.0				
24	29.825	45.4	30.3	67	1.7	1.3	Cir. Cu.	52.4	38.2	W.	3.0				Auroral light at 11.30 p.m.
25	29.781	35.6	28.1	57	2.0	7.6	Cu. St.	46.4	30.5	W.S.W.	2.6				Occultation of Venus.
26	29.715	40.2	24.3	42	2.3	4.3	Cu.	45.5	21.5	N.N.W.	1.0				Slight snow, hard frost.
27	29.363	45.4	30.3	48	1.0	3.6	Cu.	55.0	25.5	N.W.	2.6	Inap.	Inap.		(Aur. lt. with str., conj. of Jupiter with moon.
28	30.036	48.0	28.4	29	1.0	0.0	0	56.6	31.0	W.N.W.	2.0				Auroral light.
29	30.186	50.2	34.5	49	1.0	0.0	0	61.0	35.4	W.N.W.	1.3				
30	30.103	53.2	37.5	53	1.5	0.0	0	67.0	36.8	N.N.E.	1.3				
30	30.023	61.2	45.5	55	2.0	0.0	0	71.6	40.0	S.	1.3				
S's															
M's	29.880	40.53	29.95	650				49.83	29.01			1.32	0.50	1.51	

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN APRIL, 1860.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE							THERMOMETER.		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 in read at 6 A.M. of next day.		Dew Point at 3, P.M.	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.		
					Max in read at 6 A.M. of next day.	Min in read at 2 P.M. of same day.									
1	Inches.	°	0-100	0-10	°	°	°				Inch.	Inch.	Inch.		
2	29.499	26.43	57	4	36.5	33.0	9.0	N. 55 W.	20.69						
3	.080	40.93	75	7	39.7	29.5	41.0	South.	9.57		0.1	0.010			
4	.009	43.70	76	7	59.2	25.0	41.0	S. 31 W.	7.63						
5	.211	39.43	72	6	59.2	25.0	36.5	N. 69 W.	14.58	.410		.401			
6	.608	41.43	75	10	49.0	22.0	31.0	N. 81 W.	9.26	.016		.010			
7		Good	Fridy		45.2	22.0		S. 16 W.	5.73						
8	.613	41.43	75	10	49.0	22.0	31.0	N. 65 E.	9.77	.052		.052			
9	.613	42.03	75	9	45.6	39.0	35.5	N. 4 E.	7.48					Faint Aurora.	
10	.441	41.85	90	10	50.0	35.8	47.0	N. 54 E.	9.79						
11	.641	33.35	72	5	50.2	34.8	34.0	N. 2 W.	9.15	.135		.135		Faint Aurora.	
12	.516	40.53	77	5	51.0	27.6	43.0	N. 27 W.	6.18					Faint Aurora.	
13	.552	40.72	79	7	52.2	33.8	40.0	S. 77 W.	15.49	.945		.945		Auroral light and streamers.	
14	.705	27.90	72	4	32.8	23.0	40.0	N. 87 W.	13.07	.140	0.2	.160			
15		Sun day		4	34.2	21.5	21.0	N. 61 W.	14.63		Inap.	Inap.			
16	.496	39.00	84	9	43.6	30.2	33.5	S. 86 E.	10.10					Solar Halo.	
17	.742	40.53	63	4	50.2	37.0	34.0	N. 65 E.	7.79	.120		.120		Light g in east at midnight.	
18	30.191	35.90	61	0	41.0	35.0	11.5	N. 73 W.	18.92					Faint Aurora.	
19	28.860	43.73	63	6	50.2	23.2	27.0	S. 85 E.	5.90						
20	.439	44.83	95	10	50.0	40.3	46.0	N. 47 W.	7.05	.060		.060		Thunder storm at night.	
21	.435	49.42	84	10	53.3	42.5	45.0	N. 25 E.	2.78	.100		.100			
22		Sun day		10	44.2	37.5		N. 11 E.	8.75	.149		.140			
23	.616	36.93	63	5	46.8	34.2	33.0	N. 25 W.	13.27	.070		.070			
24	.582	32.77	77	10	41.8	23.8	18.0	N. 45 W.	10.17					Faint Aurora.	
25	.524	33.85	73	6	39.0	31.0	27.0	N. 75 W.	15.83		Inap.	Inap.		Thin ice.	
26	.756	36.70	69	6	45.0	29.0	28.0	N. 40 W.	16.18		Inap.	Inap.		Do.	
27	.881	40.87	64	3	49.6	23.0	26.0	N. 46 W.	10.22					Ice 2 inch thick.	
28	.838	41.63	73	3	51.0	32.3	34.5	S. 31 W.	7.05					Thin ice, perfect halo at noon.	
29		Sun day		1	54.2	35.0		N. 79 E.	5.62					Do.	
30	.577	50.72	70	1	61.8	37.0	38.0	N. 67 E.	4.50					Hoar frost.	
30								N. 35 E.	8.42						
S's															
M's	29.5776	39.55	74	6	47.00	32.19	32.58	N. 37 W.	10.30	1.282	0.3	1.312			