

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN APRIL, 1861.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected to 32° at 10 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 to 10 Volent to 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.							Inch.	Inch.	Inch.		
1	30.413	25.7	18.5	0.75	7.0	6.6	Cir. St.	31.3	12.6	N.N.E.	0.10			Fine Solar Halo A.M.				
2	30.246	23.9	23.0	0.91	7.0	10.0	Nimb.	39.9	20.8	N.E.	3.6							
3	30.330	27.1	27.1	0.75	7.0	6.3	Nimb.	40.7	26.0	N.N.E.	1.3	4.00	0.41					
4	30.312	26.4	24.3	0.61	4.5	6.0	Strat.	46.3	20.0	W.	1.0	3.00	0.29	Aurora with stream's.				
5	30.264	40.1	27.9	0.62	3.5	6.0		46.4	31.8	N.E.	1.6							
6	30.315	35.6	26.7	0.32	3.0	6.0		46.8	23.9	N.	1.6			Faint Auro. light at 11 P.M.				
7	30.299	35.5	23.3	0.57	3.2	6.0		43.2	20.9	N.N.E.	3.0			[with vehicles to St. Lam. Au. with str. Last crossing Ft. Au. lt. Bicolor (swallow)				
8	30.186	35.6	20.0	0.59	2.2	6.0		40.2	20.9	N.	2.3			Ft. So. Halo A.M. (Hirundo)				
9	30.109	26.1	26.0	0.58	2.0	6.0		47.3	25.0	N.	3.0			Ft. Auro. light. A man crossed on foot to St. Lam.				
10	30.054	45.2	31.3	0.55	2.5	8.0	Cir.	56.3	34.0	N.	1.0			{ Faint Auro. light. A man crossed on foot to St. Lam.				
11	30.078	42.2	27.1	0.79	6.5	7.6	Cu. St.	49.5	38.0	N.	2.0			{ Sub. at its ht. at 10 A.M. Flood 7 P.M. begin. St. Ann Auro. with streamer's flood.				
12	30.042	44.2	46.8	0.90	9.0	10.0	Nimb.	56.2	28.4	S.S.E.	1.6	0.58	0.58	Solar Halo.				
13	29.620	42.8	46.8	0.90	10.0	10.0	Cu. St.	53.0	44.0	W.S.W.	3.6	0.33						
14	29.524	44.4	41.4	0.44	5.0	5.3	Cu. St.	53.0	34.0	W.	2.6							
15	29.915	36.6	28.6	0.78	7.5	8.0	Cu. St.	44.2	27.4	N.N.E.	4.3							
16	29.932	36.2	28.9	0.90	7.5	8.6	Nimb.	41.6	27.4	N.N.E.	5.0			Flood subsided A.M.				
17	29.339	31.6	23.9	0.90	6.0	3.6	Cir. St.	39.0	27.2	N.N.E.	2.6	7.50	0.86					
18	29.458	38.3	32.9	0.87	6.0	2.3	Cir. St.	45.0	25.7	W.	2.6	2.50	0.30					
19	29.683	38.5	29.9	0.97	6.0	3.6	Cir. St.	46.3	29.0	S.W.	1.3							
20	29.762	41.9	35.6	0.79	6.5	7.0	Cu. St.	46.7	29.0	S.W.	1.0							
21	29.914	46.3	36.7	0.70	5.0	4.3	Cu. St.	54.8	36.9	W.N.W.	1.6			Lunar Halo.				
22	29.849	43.9	39.6	0.87	9.0	10.0	Nimb.	51.3	38.5	N.E.	1.0	Inap.	Inap.	Distant lightning in evening				
23	29.811	44.6	44.1	0.93	10.0	10.0	Cu. St.	63.3	40.7	W.	1.0	0.42	0.42	Swallows reappeared.				
24	29.638	44.2	39.9	0.87	8.5	10.0	Cu. St.	51.8	39.5	N.W.	2.0	0.09	0.09					
25	29.733	47.7	43.3	0.87	8.5	10.0	Cu. St.	54.2	41.5	W.N.W.	2.6	0.29	0.29					
26	29.977	49.7	41.0	0.73	6.5	2.3	Cu. St.	58.4	38.9	W.	2.0			First steamer to Quebec.				
27	29.783	45.9	39.6	0.80	7.5	10.0	Cu. St.	53.7	37.8	N.	4.3			First arrival from sea.				
28	29.501	46.9	43.5	0.90	9.0	10.0	Nimb.	61.9	41.7	S.E.	1.3							
29	29.753	50.4	40.1	0.70	6.0	2.3	Cir. St.	58.9	42.2	W.S.W.	1.3	0.86	0.86					
30	29.695	45.8	44.2	0.94	9.0	10.0	Nimb.	52.3	42.4	N.	1.6							
31																		
S's											2.57	17.00	4.43					
M's	29.826	41.02	33.29	.756				49.56	32.26									

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN APRIL, 1861.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE						THERMOMETER.		WIND.		RAIN AND SNOW.			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.	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.	
1	29.6112	32.28	89	10	33.6	28.3	30.5	S. 89 E	16.38	Inap.	Inch. 6.0	Inch. 0.600	0.10	Very severe storm.
2	29.7568	32.85	81	7	36.4	27.0	28.0	N. 63 W	3.75					
3	29.8483	32.05	81	5	39.0	23.8	32.0	N. 70 E	2.24					
4	30.0412	34.28	79	2	38.8	29.1	31.5	N. 84 E	2.24					Faint Auroral light.
5	29.9473	37.80	56	5	45.0	28.9	24.5	N. 57 E	3.22					
6	29.8843	41.47	58	4	46.8	34.8	27.0	N. 80 E	12.85					Well defined Solar Halo.
7	Sunday				43.5	36.0		N. 83 E	13.20					
8	6688	40.30	75	7	45.0	34.8	37.0	N. 85 E	16.06	.015		0.015		Well defined Auroral light.
9	6403	43.67	66	5	50.2	36.4	25.0	N. 79 E	14.70	.015		.015		Faint Aurora.
10	7857	44.13	53	0	53.8	36.8	23.0	N. 67 E	4.27					
11	6327	47.88	59	2	56.8	35.2	37.5	N. 87 E	7.78		.072			
12	4363	47.83	87	10	58.0	41.0	45.0	S.S.E. 78 E	4.60	.515		.515		
13	2155	48.62	88	8	60.8	42.5	46.0	S.S.E. 77 W	5.78	Inap.		Inap.		
14	Sunday				43.5	41.0		N. 76 W	18.79					
15	6308	35.95	80	10	39.0	34.2	29.5	N. 42 E	2.88		Inap.	Inap.		Faint Auroral light.
16	4918	38.50	62	10	43.9	32.0	28.0	N. 32 E	13.57					
17	2602	36.03	60	8	44.5	32.2	19.5	N. 38 W	16.76					
18	2183	32.45	86	10	35.2	27.6	25.0	N. 21 E	5.40		0.7	.070		Solar Halo.
19	5052	36.27	74	2	48.0	29.6	32.5	N. 34 W	12.33					
20	5865	41.30	72	5	50.0	27.0	37.0	S. 52 W	7.40					
21	Sunday				55.2	33.8		E. 52 W	8.65	.025		.025		
22	3592	54.77	70	8	67.0	41.8	46.5	S. 79 W	8.63	.005		.005		Thunder storm 7 P.M.
23	4898	49.02	87	9	51.8	47.2	45.0	N. 68 E	4.32	.037		.037		Thunder storm during day.
24	3282	50.02	71	6	62.3	41.8	40.0	N. 63 W	13.10	.005		.005		Very dense fog 6 A.M.
25	5792	43.98	61	4	52.2	40.0	34.0	N. 69 W	10.89					{ Fragment of rainbow at 5 30 P.M.
26	6437	43.27	69	5	49.4	32.0	34.0	N. 89 E	9.50					
27	2170	48.67	82	9	58.3	40.2	48.5	N. 82 E	9.21	.615		.615		
28	Sunday				59.2	43.2		N. 52 W	11.62					
29	4182	51.63	70	6	66.2	37.4	44.0	N. 40 W	5.56					
30	4338	48.12	70	9	58.0	45.0	40.5	N. 39 W	8.07	.315		.315		Thunder storm at 1 20 P.M.
31														
S's									1.619	6.7	2.280			
M's	29.5640	42.02	73	6	49.71	35.35	34.21	N. 40 E.	8.90					