

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN JULY, 1862.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer reduced to 32° F.	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 15 Hurricane.	Rain in 24 hrs read at 10 A.M.	Snow in 24 hrs read at 10 A.M.	Total rain and snow melted.					
						Amount.	General description.											
1	29.658	63.2	48.2	0.100	0.10	0.10		70.8	51.0	N.N.W.	0.10	Inch.						
2	29.833	68.1	50.9	.58	5.5	0.3	Strat.	76.2	56.8	S.W.	1.0	0.12	0.12	Faint Aur. light.				
3	30.073	67.2	53.8	.64	5.5	4.6	Cu. St.	78.8	60.0	N.N.E.	1.0							
4	30.130	73.9	56.1	.57	5.5	4.0	Cu. St.	88.3	52.9	S.W.	0.6	0.10	0.10	Thunderstorm Rainbow.				
5	29.981	78.8	62.0	.60	2.5	4.6	Cu. St.	86.3	59.8	S.W.	3.0	0.16	0.16	Thunderstorm at midnight.				
6	29.790	81.5	64.0	.57	1.0	5.0	Cu. St.	91.2	73.8	W.S.W.	2.0	0.16	0.16	Distant Thunder between 8 and 9 p.m.				
7	29.719	74.2	58.3	.59	3.5	10.0	Cu. St.	80.3	65.4	S.W.	2.0							
8	29.621	74.4	54.3	.53	2.0	4.3	Cir. Cu.	79.4	61.2	W.	2.0							
9	29.628	65.3	57.9	.83	6.0	10.0	Nimb.	75.0	62.0	S.E.	2.0	0.26	0.26					
10	29.864	64.9	49.5	.60	6.0	2.0	Cu. St.	71.9	56.0	W.N.W.	1.6	0.22	0.22					
11	29.946	69.8	53.4	.57	5.0	7.6	Cu. St.	76.6	59.4	W.S.W.	1.6							
12	29.694	70.5	59.5	.71	3.5	10.0	Cu. St.	73.6	61.2	W.S.W.	2.0							
13	29.521	74.2	62.1	.77	7.0	8.0	Strat.	80.6	63.5	S.W.	1.3	0.49	0.49	Dist. light. bet. 8 and 10 p.m.				
14	29.682	65.7	55.6	.67	5.5	4.3	Cu.	69.0	60.3	N.W.	3.0			Heavy rain. Light. in even.				
15	29.756	65.5	59.1	.74	8.5	8.0	Nimb.	78.0	58.0	N.N.E.	1.6							
16	29.782	69.2	60.4	.74	7.0	7.6	Cir. St.	68.0	61.3	S.W.	2.0			Thunderstorm p.m.				
17	30.027	64.8	52.6	.67	5.5	5.3	Cu.	79.0	59.2	N.N.E.	2.0	0.36	0.36					
18	30.123	69.4	53.5	.60	4.0	0.3	Cu.	76.3	56.2	N.N.E.	1.3	Inap.	Inap.					
19	29.999	73.3	60.1	.66	6.0	9.0	Cu. St.	77.8	62.6	S.W.	1.0							
20	29.774	67.5	59.8	.78	7.5	6.0	Cu. St.	75.2	62.0	S.E.	1.6	0.28	0.28	Aurora with streamers.				
21	29.843	69.6	57.9	.59	4.5	3.6	Cu. St.	75.0	64.0	S.E.	2.3							
22	30.009	68.8	59.3	.75	4.5	5.0	Cu. St.	78.9	60.0	S.S.	3.0							
23	29.786	61.9	57.0	.85	10.0	10.0	Nimb.	69.2	58.9	S.S.	1.3	0.16	0.16					
24	29.702	73.8	57.2	.63	10.0	4.6	Cu. St.	87.8	66.2	S.W.	4.6	1.22	1.22	Thunderstorm at 7 p.m.				
25	29.781	70.4	59.1	.67	7.0	6.5	Cu.	75.0	62.0	S.W.	3.0	0.28	0.28					
26	29.893	70.5	59.5	.70	4.5	2.0	Cu.	78.2	57.4	W.S.W.	2.0							
27	29.931	71.7	62.4	.75	6.5	5.0	Cu.	78.8	61.6	S.W.	3.0							
28	29.948	69.9	64.3	.83	8.5	7.6	Nimb.	75.6	60.4	S.S.	1.6	0.35	0.35	Thunderstorm.				
29	29.967	69.9	66.3	.90	10.0	7.3	Nimb.	74.6	63.2	S.S.	3.0	0.32	0.32	Heavy Thunder. at 10 p.m.				
30	29.871	73.1	66.8	.85	7.0	6.6	Cu. St.	78.8	62.6	S.W.	2.0	0.58	0.58					
31	29.912	73.9	61.2	.66	5.0	0.6	Strat.	78.6	65.0	W.	2.3							
S's																		
M's	29.538	70.50	59.31	.786				77.53	61.14			4.90	4.90					

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN JULY, 1862.

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° F.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Max'm read at 9 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.		
															Inches.
1	29.4093	60.53	58		70.2	49.8	51.0	10 W.	5.66			0.10			
2	.4932	61.47	60		70.3	50.2	47.0	7 E.	3.33						
3	.7753	65.60	74		77.0	49.3	60.5	51 E.	2.83						
4	.8750	72.22	70		83.8	55.0	65.0	12 W.	3.97						
5	.7488	77.58	64		90.2	63.0	67.0	41 W.	6.83						
6		Sunday			95.5	67.8	67.0	62 W.	9.43					Very hot and Sultry. Faint Aurora extremely Hot and Sultry.	
7	.4310	71.42	58		82.5	61.2	55.5	N.E.	3.02					Thunderstorm, during ni.	
8	.3425	70.67	69		61.0	66.0	66.0	N.E.	7 W.	3.36	0.320				
9	.3195	69.63	69		79.5	64.6	49.5	N. 28 W.	8.45	.047					
10	.6355	65.55	51		76.0	54.2	41.0	N. 19 W.	8.03						
11	.6705	63.32	68		77.5	48.2	49.5	S. 17 W.	3.08						
12	.4327	70.77	64	10	83.9	52.6	55.0	S. 67 W.	7.25	Inap.				Severe Storm 9 p.m.	
13		Sunday			80.4	62.0	64.0	S. 55 W.	8.38	.625					
14	.4433	64.78	83	7	74.2	62.0	64.0	N. 59 E.	5.16	Inap.				Day Foggy.	
15	.4662	64.28	92	8	73.0	59.2	65.5	N. 44 E.	5.32	.140				Faint Aurora.	
16	.5987	63.32	73	7	70.6	61.0	57.0	N. 26 W.	8.30					Thunderstorm during even. Very heavy showers.	
17	.6982	61.52	71	5	68.8	54.0	54.0	N. 86 E.	6.10						
18	.7153	63.82	72	9	69.5	54.0	60.5	N. 81 E.	8.47						
19	.5333	66.70	86	9	72.0	62.8	63.5	S. 80 E.	6.29	1.335				Thunderstorm during even. Very heavy showers.	
20		Sunday			78.8	63.8	67.2	N. 77 W.	8.13	.290					
21	.4995	64.23	91	10	67.2	61.4	61.5	N. 6 E.	1.37	.005					
22	.5448	67.35	85	10	72.8	62.8	66.0	S. 42 E.	5.07	.352					
23	.3102	70.23	71	5	81.0	62.2	62.0	N. 76 W.	7.56	.879				Auroral arch and streamers.	
24	.4090	63.27	81	1	70.3	54.0	63.0	S. 83 W.	5.95	.090				Auroral arch.	
25	.4977	62.67	63	7	72.0	51.8	56.0	S. 71 W.	6.60	.005					
26	.5672	66.57	65	2	76.8	53.4	53.0	N. 72 W.	6.86						
27		Sunday			75.0	53.4	64.0	S. 7 W.	3.75						
28	.5280	64.75	87	3	72.0	60.0	64.0	S. 34 W.	5.18	.815				Very heavy Thunderstorm.	
29	.5020	68.93	83	7	73.0	62.0	62.0	S. 56 W.	4.47	.440					
30	.6283	68.49	71	7	75.0	63.0	62.0	N. 38 W.	8.18						
31	.7012	70.25	72	0	76.5	60.5	64.5	S. 87 W.	4.43					Auroral arch and streamers.	
S's															
M's	29.5474	66.70	72	6	76.43	58.14	68.92	S. 89 W.	5.80	5.343					