

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN SEPTEMBER, 1862.

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 0 Calm to 10 Violent Hurricanes.	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	29.380	69.6	64.4	0.100	0.10	0.10												
2	29.732	69.6	64.4	0.88	10.10	10.0												
3	30.082	57.7	49.0	0.74	9.0	0.6												
4	30.016	66.5	55.2	0.68	4.0	4.3												
5	29.947	72.6	53.1	0.72	6.5	7.3												
6	29.984	72.6	53.1	0.89	10.0	10.0												
7	29.852	64.2	57.9	0.82	9.5	10.0												
8	29.755	73.9	64.1	0.74	7.0	7.3												
9	30.147	70.0	56.6	0.65	8.5	2.0												
10	30.211	68.4	54.2	0.66	4.0	0.0												
11	30.083	72.3	53.1	0.57	3.5	0.0												
12	29.906	73.3	64.4	0.77	2.0	8.6												
13	30.346	55.3	42.9	0.64	2.5	6.0												
14	30.253	55.9	48.9	0.73	3.0	6.0												
15	30.117	55.0	53.1	0.89	9.5	9.0												
16	30.197	56.3	49.0	0.75	4.5	0.3												
17	30.112	60.8	45.9	0.61	3.0	2.3												
18	29.820	70.2	61.6	0.76	6.5	9.6												
19	29.984	66.1	53.2	0.81	5.0	5.3												
20	30.063	59.4	50.2	0.82	6.0	3.6												
21	30.238	56.0	44.9	0.63	2.5	0.3												
22	30.203	62.0	50.5	0.69	3.5	3.3												
23	29.914	68.9	53.6	0.73	4.0	0.6												
24	29.869	57.6	48.4	0.76	7.5	4.6												
25	29.882	59.9	49.8	0.71	5.0	1.3												
26	29.991	63.9	51.5	0.67	3.5	1.0												
27	30.046	67.9	55.1	0.66	2.5	0.0												
28	29.921	67.6	54.8	0.64	4.0	3.0												
29	29.875	59.6	49.1	0.71	4.0	9.6												
30	30.216	43.0	34.5	0.74	4.0	5.6												
S's																		
M's	30.027	63.08	5.302	7.26														

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN SEPTEMBER, 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° Fahr.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Maxim. read at 6 A.M. of next day.	Minim. 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	29.1973	61.38	84	0	71.0	63.6	61.5	N.	54	W.	14.46						
2	.6172	47.45	63	2	59.0	42.0	34.0	N.	27	W.	3.82				Aurora.		
3	.7417	55.50	71	2	64.8	39.0	50.0	N.	7	W.	3.19				Faint Aurora.		
4	.6960	64.45	80	2	75.2	52.5	64.5	S.S.W.	23	W.	5.71				Hoar frost a.m.		
5	.6237	69.32	73	8	79.4	57.5	65.5	S.S.W.	27	W.	3.58	.800					
6	.5550	69.63	92	10	77.0	64.2	71.0	S.S.W.	22	W.	3.41	.560					
7		Sunday			75.5	64.3		S.S.W.	37	W.	7.67	.040			Dense Fog during night.		
8	.5678	67.27	68	7	75.5	65.0	53.0	N.	19	W.	9.87						
9	.8790	57.97	82	0	65.0	49.4	59.0	N.	64	E.	2.09				Bright Aurora.		
10	.8368	61.03	74	0	69.0	49.4	59.0	N.	77	E.	2.87						
11	.6690	66.22	78	3	74.0	54.4	64.0	S.	69	E.	3.18	.007					
12	.6963	61.55	77	7	63.8	63.2	50.0	S.	27	W.	11.64	.005			Sheet lightning during even.		
13	.9805	48.70	81	5	55.0	44.8	44.5	N.	68	E.	3.75						
14		Sunday			62.0	45.0		N.	12	E.	2.23						
15	.7863	57.45	91	8	65.0	48.6	61.0	N.	22	E.	4.06	.037					
16	.8280	56.97	79	6	62.2	54.6	54.0	N.	83	E.	3.98						
17	.5727	62.82	89	6	67.0	51.8	59.3	N.	86	E.	6.34						
18	.4582	66.75	83	7	74.0	64.0	62.5	S.	80	W.	6.77	.195					
19	.7650	58.30	77	5	68.8	55.4	57.0	S.	82	W.	4.86				Faint Aurora.		
20	.7505	58.22	82	3	67.8	49.8	60.0	S.	32	W.	2.85						
21		Sunday			65.0	54.2		S.	83	E.	3.00						
22	.7565	62.07	85	2	73.8	48.4	64.0	N.	10	W.	2.62				Dense Fog a.m.		
23	.5567	64.75	80	6	75.0	53.8	63.0	N.	80	W.	7.29	.385					
24	.6815	53.40	68	4	69.2	52.8	37.0	N.	17	W.	6.82						
25	.7302	54.58	77	1	64.0	45.0	52.0	N.	26	W.	4.38				Aurora.		
26	.7195	57.43	75	0	67.8	45.0	57.0	N.	28	W.	2.99				Aurora.		
27	.6823	57.42	84	5	66.2	45.0	53.5	S.	84	E.	1.04				{ Solar Halo distinct		
28		Sunday			70.6	52.0		S.	8	E.	1.50				{ Aurora.		
29	.6115	58.88	82	6	68.0	54.5	56.5	N.	6	E.	6.71				Sheet lightning during even.		
30	.7993	49.63	82	5	62.5	46.0	44.0	N.	64	E.	5.52						
S's																	
M's	29.6830	59.59	80	5	68.24	52.55	55.62	N. 59 W.	5.07			2.344					