

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN JANUARY, 1861.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE							THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected and reduced to F. 32° at the Air.	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 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	0.100	0.10	0.10									
30.109	25.1	18.5	.74	7.0	10.0	Nimb.	26.5	20.5	W.S.W.	0.10	Inch.	Inch.	Inch.		
30.029	26.1	20.7	.81	7.5	10.0	Cu. St.	34.8	15.0	W.N.W.	1.6	.....	0.25	0.02		
30.008	26.0	21.1	.82	8.5	10.0	Nimb.	15.4	2.2	N.N.E.	4.0	.....	0.60	0.08		
29.995	9.7	3.4	.76	5.5	4.0	Cir. St.	13.6	7.5	W.S.W.	2.0	.....	0.50	0.05	Zodiacal light.	
30.048	23.4	15.2	.72	6.0	10.0	Cu. St.	27.0	3.2	W.S.W.	2.6	.....	.....	.....		
30.227	13.3	4.3	.70	9.5	10.0	Cu. St.	25.0	8.0	N.E.	2.3	.....	0.40	0.02		
29.853	9.1	6.9	.93	10.0	10.0	Nimb.	11.6	4.0	N.N.E.	4.6	.....	2.20	0.21	Gale during night with squalls.	
30.047	9.4	3.0	.84	8.5	10.0	Cu. St.	14.3	1.0	N.E.	1.6	.....	0.00	0.61		
29.960	1.9	3.6	.80	8.5	7.3	Cu. St.	11.2	3.0	N.N.E.	2.3	.....	.....	.....	First crossing opposite town	
29.936	12.2	3.5	.77	7.5	8.0	Cu. St.	19.4	1.5	N.	3.0	.....	.....	.....	Heavy gale during night.	
30.061	15.6	23.6	.49	2.5	0.6	Strat.	9.8	20.3	W.	3.3	.....	1.20	0.16	Zodiacal light. Aur. light.	
30.198	13.7	21.8	.51	2.2	0.0	0.0	-10.0	22.9	W.S.W.	2.6	.....	.....	.....	Zod. light. Faint aur. light.	
30.178	9.6	17.8	.60	1.5	1.0	Cum.	-4.0	20.0	S.W.	1.6	.....	.....	.....		
30.259	-1.2	-8.1	.76	3.5	9.6	Cu. St.	6.0	-15.6	N.	1.6	.....	.....	.....		
30.039	18.0	9.5	.68	5.5	10.0	Cu. St.	22.3	3.4	N.	1.0	.....	.....	.....		
29.749	21.1	17.4	.86	9.0	10.0	Nimb.	23.5	16.4	N.N.E.	3.3	.....	0.25	0.02	High wind during night.	
30.040	13.4	7.2	.82	6.0	3.3	Nimb.	18.9	9.5	N.N.E.	3.0	.....	15.00	1.32	Do. Do. Do.	
30.054	6.3	0.9	.86	8.5	6.6	Cu. St.	10.0	2.7	N.N.E.	2.3	.....	.....	.....		
29.990	15.6	11.2	.83	8.9	10.0	Nimb.	18.8	8.2	N.	2.0	.....	5.25	0.45		
29.754	12.3	4.3	.70	5.5	3.6	Strat.	16.2	8.8	W.N.W.	2.0	.....	1.75	0.10		
30.012	13.2	4.8	.68	6.5	8.6	Cu. St.	16.2	8.0	W.N.W.	3.0	.....	.....	.....		
30.473	14.3	2.2	.68	3.5	2.6	Cu. St.	14.6	5.0	W.S.W.	2.3	.....	.....	.....		
30.706	5.4	3.2	.65	2.5	0.0	Hazy.	15.3	3.3	W.N.W.	1.0	.....	.....	.....	Hazy day. Lunar Halo.	
30.189	9.1	5.7	.88	6.5	9.3	Nimb.	24.8	9.4	N.	3.0	.....	.....	.....	Slight hail p.m.	
29.882	24.9	16.8	.71	5.0	4.6	Strat.	29.9	20.9	W.	4.0	.....	8.00	1.26		
30.157	24.0	16.6	.73	7.5	10.0	Cu. St.	30.0	18.2	W.	1.3	.....	.....	.....	Lunar Halo.	
29.959	23.1	16.0	.73	5.0	10.0	Cu. St.	30.5	16.2	Calm.	.....	.....	.....	.....	Do.	
29.871	21.0	13.2	.71	7.5	10.0	Cu. St.	27.0	6.0	N.N.E.	1.6	.....	.....	.....	Fog early a.m. Lunar Halo.	
29.665	24.5	23.4	.80	7.0	10.0	Cu. St.	32.0	21.2	W.	2.6	.....	.....	.....	Sleet p.m.	
29.600	24.2	16.8	.73	8.5	10.0	Nimb.	29.3	16.0	W.	3.6	.....	1.80	0.14		
29.898	15.8	8.9	.71	7.5	6.6	Cu. St.	23.5	9.8	W.S.W.	2.6	.....	0.25	0.02		
S's															
M's	30.015	12.44	5.67	.737			18.88	4.30						44.25	4.55

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN JANUARY, 1861.

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'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	29.7815	27.60	72	10	30.2	15.0	20.0	S. 62° W.	8.88	.....	.....	.....	.....	Lunar Halo.	
2	.7080	23.75	88	10	32.0	25.0	27.5	N. 29° W.	7.03	.....	.....	.....	.....		
3	.6350	15.12	86	7	18.0	16.0	12.5	N. 17° W.	8.33	.....	Inap.	Inap.	.....		
4	.7027	17.17	84	6	22.2	9.3	11.0	S. 71° W.	11.33	.....	Inap.	Inap.	.....		
5	.8543	19.08	85	8	24.0	14.0	11.0	S. 66° W.	9.99	.....	Inap.	Inap.	.....		
6	Sunday	.....	.....	.....	32.0	18.0	.....	S. 81° E.	5.35	.....	1.0	100	.....		
7	.4170	23.00	94	9	29.4	23.0	20.0	N. 21° W.	7.63	0.050	3.0	350	.....		
8	.7165	21.42	90	10	24.5	17.0	18.0	N. 12° W.	3.20	.....	0.5	050	.....		
9	.4185	22.43	89	10	25.0	18.5	22.0	N. 12° E.	6.21	.....	0.1	010	.....		
10	.4553	11.63	87	4	23.2	15.6	7.0	N. 47° W.	13.83	.....	Inap.	Inap.	.....		
11	.6010	0.12	94	10	4.0	-4.8	-1.0	N. 18° E.	12.71	.....	4.0	400	.....		
12	.9045	-4.15	89	3	-1.2	-7.0	-1.0	N. 16° W.	7.25	.....	.....	.....	.....		
13	Sunday	.....	.....	.....	14.0	-11.2	.....	N. 64° E.	4.78	.....	Inap.	Inap.	.....		
14	.7180	22.67	90	9	27.3	8.0	21.5	N. 38° E.	6.55	.....	Inap.	Inap.	.....		
15	.5512	27.38	94	10	29.8	20.5	25.5	N. 63° E.	13.86	0.140	Inap.	140	.....		
16	.1162	32.53	98	10	35.5	24.8	33.5	S. 10° E.	11.19	.475	Inap.	475	.....	Dense fog 6 p.m.	
17	.7027	26.60	98	10	30.0	26.2	19.5	N. 49° W.	7.53	.....	.....	.....	.....		
18	.4153	28.02	94	10	37.0	24.1	25.0	N. 39° E.	12.37	.....	3.0	300	.....		
19	.3593	29.88	87	10	32.2	26.8	27.5	S. 16° W.	16.42	.....	0.1	010	.....		
20	Sunday	.....	.....	.....	23.5	20.8	.....	N. 85° W.	7.62	.....	0.1	010	.....	Lunar Halo.	
21	.9563	12.45	85	0	22.0	6.0	11.0	S. 73° W.	5.44	.....	.....	.....	.....		
22	20.2722	7.47	86	0	18.0	-2.6	13.0	N. 70° W.	2.73	.....	.....	.....	.....		
23	30.1757	21.52	83	10	30.0	6.7	18.0	S. 5° W.	15.37	0.020	1.0	100	.....	Solar Halo.	
24	29.5305	30.38	95	7	33.8	24.2	32.0	S. 5° W.	9.88	.....	6.0	620	.....		
25	.6985	15.03	75	3	24.2	14.7	14.0	S. 65° W.	9.88	.....	.....	.....	.....		
26	.7957	11.25	85	7	21.0	-0.7	21.0	N. 77° W.	3.25	.....	.....	.....	.....		
27	Sunday	.....	.....	.....	30.0	8.5	.....	S. 32° W.	7.66	.....	0.2	020	.....		
28	.5837	25.37	82	8	30.2	21.0	20.0	S. 33° W.	10.45	.....	1.2	120	.....		
29	.2602	28.45	91	10	35.0	24.5	25.5	S. 75° W.	15.21	.....	0.4	040	.....		
30	.6143	19.35	87	7	24.8	13.0	17.5	N. 71° W.	14.10	.....	Inap.	Inap.	.....		
31	.6527	15.75	88	10	17.6	15.0	10.0	S. 60° W.	7.83	.....	.....	.....	.....		
S's										0.685	20.6	2.745			
M's	29.6517	19.86	88	8	25.14	13.94	13.02	N. 86° W.	9.13						