

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN JANUARY, 1860

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE							THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer reduced and corrected to F. 32° at 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 Mean Force from 6 Calm to 10 Violent Hurricane.	Rain in 24 hours read at 10 A.M.	Snow in 24 hours read at 10 A.M.	Total rain and melted snow.		
						Amnt.	General Description.								
1	30.202	-2.76	16.56	.60	0.10	0.10	Strat.	5.4	-6.0	W.N.W.	0.10	Inch.	Inch.	Auroral light.	
2	30.359	-5.56	16.40	.60	1.25	6.0	Cu. St.	-3.0	-14.0	W.S.W.	1.0	Inch.	Inch.	Auroral light.	
3	30.215	-6.66	13.73	.65	3.00	10.0	Cir. St. Nim.	0.8	-17.4	S.E.	0.6	Inch.	Inch.	Snow.	
4	30.022	0.00	0.46	.77	3.00	10.0	Nim. Cu. St.	18.4	-5.0	W.	0.6	3.10	0.18	Snow.	
5	30.324	-6.56	11.40	.58	1.75	5.3	Strat.	7.0	-12.5	W.S.W.	2.0	Inap.	Inap.		
6	30.136	18.70	10.43	.83	3.00	10.0	Cu. St.	24.8	3.0	W.	1.0	Inap.	Inap.	Lunar Halo.	
7	29.786	33.56	30.90	.93	3.75	10.0	Cu. St. Nim.	37.5	18.5	S.S.W.	1.0	Inap.	Inap.	Rain.	
8	29.872	37.70	34.90	.90	5.50	19.0	Nim. Cu. St.	41.7	35.0	W.S.W.	1.6	0.30	0.30		
9	30.105	27.60	21.33	.84	5.00	6.0	Cu. St.	38.2	21.0	N.N.E.	3.0	Inap.	Inap.	Snow ending in rain.	
10	29.013	35.30	34.46	.96	10.0	10.0	Nim.	37.4	20.0	S.W.	1.9	0.16	1.60	0.23	Rain, dense fog in evening.
11	29.944	21.80	15.10	.84	3.75	9.0	Cu. St.	37.9	11.0	N.	2.0	0.05	0.05	Slight snow.	
12	29.872	14.40	6.16	.80	7.65	6.0	Cu. St.	23.3	2.9	S.W.	2.0	0.40	0.04		
13	30.475	-5.00	-14.50	.61	3.00	3.3	Cu. St.	24.0	-10.5	N.E.	2.0	Inap.	Inap.	Slight snow.	
14	29.918	5.70	-1.23	.80	3.50	4.6	Cu. St.	11.4	-7.1	N.	2.0	1.00	0.06		
15	29.477	27.66	21.80	.84	3.33	10.0	Cu. St. Nim.	35.6	6.8	W.S.W.	1.3	Inap.	Inap.	Slight snow.	
16	29.582	35.33	33.03	.90	3.50	9.0	Cu. St.	41.3	31.7	W.S.W.	2.3	Inap.	Inap.	Slight rain.	
17	29.807	11.26	4.53	.82	5.75	8.3	Cu. St.	35.3	7.0	N.	1.3	Inap.	0.20	Inap.	
18	29.836	3.20	-4.13	.74	5.00	10.0	Cu. St. Nim.	32.9	-4.0	N.	1.3	Inap.	Inap.	Snow p.m.	
19	29.821	14.73	6.03	.81	6.00	6.3	Nim. Cu.	22.0	2.9	W.S.W.	1.0	Inap.	0.07	Snow a.m.	
20	29.850	31.33	26.10	.85	4.50	6.3	Cu. St.	37.9	10.2	W.S.W.	1.0	Inap.	1.90	0.13	
21	29.632	38.33	33.63	.81	7.00	8.3	Cu. St. Nim.	42.2	25.4	W.S.W.	2.3	Inap.	Inap.	Slight rain in evening.	
22	29.784	33.33	29.26	.86	7.00	9.0	Cu. St. Nim.	37.7	26.4	W.S.W.	1.3	Inap.	Inap.	Slight rain—slight snow.	
23	30.167	21.33	14.10	.85	4.50	6.6	Cu. St.	36.3	15.3	W.	1.6	0.04	0.04	Pt. Aur. Lt B't. Zodi. Lt.	
24	29.744	32.53	28.86	.89	6.50	10.0	Cu. St. Nim.	43.9	17.4	S.W.	1.6	Inap.	Inap.	Rain.	
25	29.593	31.06	21.78	.69	4.50	5.0	Cu. St.	43.1	25.0	W.S.W.	4.0	0.19	0.19	Faint Zodiacal light.	
26	29.997	16.16	7.43	.82	2.50	1.6	Cu. St.	21.1	11.0	W.	2.6	Inap.	Inap.		
27	29.875	8.16	0.00	.81	3.50	7.0	Cu. St. Nim.	16.1	-3.2	N.W.	1.6	In p.	Inap.	Snow.	
28	29.840	10.13	1.06	.80	5.00	6.6	Cu. St.	15.2	-3.2	N.W.	0.6	0.50	0.03	Sol'r Halo.	
29	29.943	13.33	5.58	.61	3.50	3.6	Cu. St.	22.2	-3.2	S.	1.6	Inap.	Inap.	Slight rain.	
30	29.561	30.93	27.13	.88	4.00	8.0	Cu. St.	37.2	20.3	W.S.W.	3.1	Inap.	Inap.	High wind during night.	
31	30.183	3.43	-3.50	.72	5.50	10.0	Cu. St.	36.0	-4.0	W.N.W.	3.0	Inap.	Inap.	Lunar Halo.	
S's															
M's	29.939	18.00	10.68	.790		7.1		26.80	7.57		1.0	10.20	1.34		

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN JANUARY, 1860.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE					THERMOMETER.		WIND.		RAIN AND SNOW			GENERAL REMARKS.	
	Barometer reduced to 32° at P.M.	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	30.104	4.40	83	7	9.6	-3.0	-1.5	N. 85 W.	6.85	Inch.	Inch.	Inch.		
2	29.773	16.42	87	10	22.2	5.0	15.0	N. 87 W.	6.54	0.2	0.200	0.200		
3	29.867	9.32	83	7	20.2	10.8	1.0	N. 53 W.	11.43	1.5	1.150	1.150		
4	30.111	12.33	83	6	18.4	-6.8	9.5	N. 77 W.	9.77	0.2	0.020	0.020		
5	29.753	24.32	79	9	33.9	11.2	19.5	N. 52 W.	9.92	Inap.	Inap.	Inap.	Lunar Halo well defined.	
6	29.393	35.18	93	10	37.0	28.1	36.0	N. 54 W.	3.78	200	200	200		
7					38.6	33.4		N. 69 W.	8.00	Inap.	Inap.	Inap.		
8	29.695	33.32	87	10	39.0	32.0	32.0	N. 89 E.	6.17	170	Inap.	170		
9	29.550	33.22	90	10	42.5	33.8	36.5	N. 15 E.	7.73	340	0.1	350		
10	29.743	19.60	87	10	28.5	19.8	15.0	N. 25 W.	11.27	0.2	0.020	0.020	Auroral light and streamers	
11	29.812	18.35	77	4	24.0	10.4	6.0	S. 78 W.	11.62					
12	29.959	12.32	88	7	19.2	8.6	9.0	N. 43 E.	5.23	0.5	0.050	0.050	Dense ground fog a.m.	
13	29.473	20.08	87	7	23.0	9.5	20.0	S. 67 W.	2.51					
14					37.0	22.4		S. 56 W.	14.10					
15	29.360	32.98	79	8	38.2	33.5	29.5	N. 65 W.	8.46	Inap.	Inap.	Inap.		
16	29.491	20.20	81	10	23.2	19.4	11.0	S. 17 W.	4.81	0.1	0.010	0.010		
17	29.364	25.25	86	10	29.2	17.0	25.0	S. 78 W.	10.17	2.0	200	200		
18	29.510	24.33	80	8	28.5	16.0	21.0	S. 73 W.	13.12	Inap.	Inap.	Inap.		
19	29.393	34.68	77	6	40.2	23.9	30.0	S. 52 W.	9.81				Faint Aurora.	
20	29.442	33.98	77	2	42.4	31.7	32.5	N. 79 W.	4.58					
21					38.2	22.2		N. 79 W.	10.83	0.2	0.020	0.020		
22	29.833	30.15	70	2	35.5	23.0	26.0	S. 56 W.	4.49	0.30	0.300	0.300		
23	29.422	41.48	77	10	46.4	30.8	35.5	S. 70 W.	13.40					
24	29.621	31.92	64	3	37.8	32.5	16.0	N. 66 W.	19.28					
25	29.751	20.68	75	9	23.0	19.5	12.5	N. 59 W.	1.51					
26	29.557	19.57	81	6	27.4	16.3	14.0	N. 71 W.	8.62	1.0	100	100	Faint Aurora.	
27	29.492	17.13	84	5	24.4	10.8	10.0	N. 3 W.	7.60	2.5	250	250		
28					38.5	8.0		S. 56 W.	16.29				Lunar Halo,	
29	29.379	28.35	68	4	34.0	22.2	24.5	N. 86 W.	20.31	0.1	0.010	0.010		
30	29.872	2.35	74	7	7.9	4.3	-3.0	N. 9 E.	9.36	0.1	0.010	0.010	Lunar Halo well defined.	
S's														
M's	29.6431	22.38	81	7	29.83	17.58	18.56	N. 89 W.	9.37	0.740	8.7	1.610		