

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN MARCH, 1861.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected and reduced to 32° at F. 52°	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 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.	°	°	0-100	0-10	0	0	0	0	0	Inch.	Inch.	Inch.					
2	29.806	37.8	35.1	80	6.3	9.0	47.4	32.9	N.N.E	0.10	.....	.....	0.26	Auroral bank at 11 P.M.		
3	29.712	38.9	35.1	82	10.0	10.0	46.0	33.0	S.W.	0.6	.....	.....	.....	Foggy at mid-day.	
4	29.351	41.7	38.4	89	10.0	10.0	50.3	35.0	W.	1.0	0.41	.....	0.41	Foggy at mid-day.			
5	29.492	37.4	29.9	70	7.0	6.3	44.8	34.0	W.	3.6	0.03	.....	0.03	High wind from W. (6) about noon.]			
6	29.832	21.6	13.2	44	5.0	6.3	37.0	17.0	W.N.W.	1.6	.....	Inap.	Inap.				
7	29.665	20.9	13.0	74	5.0	6.3	32.9	15.3	W.	3.6	.....	Inap.	Inap.				
8	30.339	19.9	7.7	42	5.0	6.3	29.5	6.5	W.N.W.	3.3	.....	1.50	0.13	Solar Halo.			
9	30.120	12.7	15.0	75	3.3	3.3	32.0	1.3	S.E.	1.6	.....	.....	.....		
10	29.475	35.9	33.3	82	10.0	10.0	42.9	30.0	W.N.W.	1.2	0.59	.....	0.59				
11	29.929	23.0	20.2	75	5.0	5.0	33.3	22.9	W.	1.0	0.31	2.00	0.49					
12	30.175	14.6	4.4	44	0.0	0.0	35.3	15.3	S.W.	1.0	.....	.....	.....		
13	29.976	26.2	17.7	69	4.5	4.5	35.2	16.1	W.N.W.	1.0	.....	1.75	0.18	Aurora with stream's 11 PM.			
14	30.056	19.4	15.3	65	10.0	10.0	37.0	11.0	N.N.E	1.0	.....	2.00	0.22	Solar Halo not well defined.			
15	30.247	11.4	12.0	62	5.0	5.0	32.5	3.0	S.N.N.E	2.0	.....	2.50	0.31	Lun. Corona. Do'ble au bank.			
16	30.039	19.0	9.9	55	5.0	5.0	32.8	1.9	S.N.N.E	1.0	.....	.....	.....	High wind (7) dur. night 6-17	
17	29.563	26.2	20.4	73	6.5	7.0	36.8	9.8	W.N.W.	1.0	.....	.....	.....	Auroral arch at midnight.	
18	30.058	4.1	5.3	32	0.0	0.0	33.8	1.9	W.	3.6	.....	Inap.	Inap.				
19	30.493	0.1	9.1	62	1.5	0.0	17.5	7.2	W.	1.0	.....	.....	.....	[Halo.	
20	30.361	4.9	4.6	61	1.0	0.0	15.6	10.2	W.	1.6	.....	.....	.....	Fringilla Pictoria heard. Lun.	
21	30.194	14.5	4.5	65	0.0	0.0	23.5	4.3	N.N.N.E	1.0	.....	.....	.....	Auroral light.	
22	29.960	21.2	15.7	81	8.5	10.0	30.0	8.4	N.N.N.E	0.6	.....	.....	.....		
23	29.972	32.4	25.7	76	4.5	1.3	39.5	19.0	N.N.N.E	2.3	.....	0.75	0.03				
24	29.915	32.5	25.1	73	6.0	5.0	43.6	18.0	N.N.N.E	2.0	.....	.....	.....	Solar Halo.	
25	29.773	32.3	25.8	73	6.5	7.0	41.0	25.0	W.S.W.	4.3	0.18	.....	0.18				
26	30.136	30.1	12.5	73	7.5	6.0	39.7	20.4	S.W.	1.2	.....	Inap.	Inap.	Solar Halo.			
27	29.856	35.5	32.9	92	10.0	10.0	41.2	33.4	N.E.	1.2	0.06	.....	0.06				
28	29.563	37.0	36.1	93	10.0	6.0	41.8	32.7	W.	1.2	0.32	.....	0.32				
29	30.000	30.1	12.2	73	7.5	5.0	40.3	22.5	W.	4.0	0.24	.....	0.24	Lunar Halo.			
30	30.013	32.0	.....	63	7.5	6.0	40.0	33.0	N.E.	1.2	.....	.....	.....	Fine Solar Halo P. M.
31	29.748	38.2	34.2	87	8.5	7.3	48.0	31.9	N.W.	2.6	0.08	.....	0.08	Imperfect Solar Halo.			
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	Solar Halo Imperfect.
M's	29.955	24.56	17.53	749	.....	.....	35.19	16.72	.....	.....	3.01	10.50	4.06	

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN MARCH, 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	29.5445	39.72	85	10	44.2	34.4	37.0	N. 50 W.	2.60	0.007	.....	0.007	0.10	Dense Fog.
2	29.387	37.42	93	10	43.2	34.2	39.0	N. 35 W.	1.81	0.080	.....	0.080	.....	Dense Fog.
3	Sunday	.....	.....	.....	47.4	35.0	.....	S. 85 W.	6.85	1.70	.....	1.70	.....
4	4027	29.35	66	5	38.8	31.8	15.0	S. 85 W.	17.25	.....	2.5	2.50	.....
5	6518	19.55	76	6	24.6	11.8	14.0	N. 80 W.	17.83	.....	0.1	0.10	.....	Stormy cold day.
6	5820	17.47	68	3	25.0	18.2	5.3	N. 55 W.	22.62	.....	0.2	0.20	.....	Solar Halo.
7	30.0553	8.20	84	0	24.4	3.5	9.5	S. 74 E.	6.64	.....	.....	.....	.....
8	29.4817	33.12	77	10	42.6	9.3	28.0	N. 44 E.	9.70	0.050	0.2	0.070	.....	Bright Aurora.
9	3128	34.63	81	6	39.8	32.2	30.0	N. 86 W.	9.69	.....	0.1	0.10	.....
10	Sunday	.....	.....	.....	25.4	19.1	.....	N. 33 W.	14.54	.....	.....	.....	.....
11	7950	24.90	81	5	33.6	9.3	24.0	S. 55 W.	14.23	.....	Inap.	Inap.	.....	Faint Auroral light.
12	6388	27.40	74	10	32.0	24.8	17.5	N. 51 E.	11.61	.....	1.0	1.00	.....
13	7792	21.35	80	4	28.2	18.8	15.0	N. 10 W.	10.92	.....	.....	.....	.....
14	8253	20.38	79	4	26.0	17.0	17.5	N. 45 E.	5.18	.....	.....	.....	.....
15	6578	26.77	81	3	33.8	14.8	25.0	S. 11 W.	3.88	.....	.....	.....	.....
16	3187	28.12	74	7	44.0	22.2	31.0	N. 56 W.	15.81	.....	.....	.....	.....	Rapid descent of temperature after 4 P.M.
17	Sunday	.....	.....	.....	9.2	0.2	.....	N. 30 W.	13.79	.....	.....	.....	.....
18	30.1087	3.48	77	4	9.8	-5.2	-1.0	N. 38 E.	6.70	.....	.....	.....	.....
19	29.9550	12.77	75	2	19.4	3.5	1.5	N. 49 E.	5.23	.....	.....	.....	.....	Solar Halo.
20	6617	22.20	81	8	27.0	12.6	19.5	N. 67 E.	11.16	.....	2.0	2.00	.....	Solar Halo.
21	6092	25.32	83	5	32.2	20.5	21.0	N. 34 W.	10.02	.....	0.5	0.050	.....
22	7222	30.37	77	0	38.9	22.5	28.0	N. 61 W.	3.61	.....	.....	.....	.....
23	2652	34.47	88	10	40.4	25.0	34.0	S. 55 W.	13.17	210	Inap.	210	.....
24	Sunday	.....	.....	.....	31.5	23.4	.....	N. 76 W.	15.55	.....	0.1	0.10	.....
25	6382	36.18	85	10	39.9	25.8	31.0	N. 81 E.	5.65	468	.....	468	.....
26	2942	38.97	95	10	42.8	34.2	39.0	N. 74 E.	8.56	865	.....	865	.....
27	3135	37.22	84	9	45.0	35.8	34.5	S. 82 W.	18.71	.....	Inap.	Inap.	.....
28	8440	32.02	77	9	38.4	25.4	24.0	N. 77 W.	8.73	.....	.....	.....	.....
29	Good Friday	.....	.....	.....	43.8	32.4	.....	N. 47 E.	11.12	275	.....	275	.....
30	31.63	78	5	35.0	31.5	26.0	.....	N. 41 W.	13.87	.....	0.2	0.020	.....
31	Sunday	.....	.....	.....	33.2	25.0	.....	S. 89 E.	10.45	.....	.....	.....	.....	Faint Auroral light.
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
M's	29.6206	26.92	80	6	33.53	20.71	22.62	N. 49 W.	10.50	2.125	6.9	2.815	.....