

**ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN NOVEMBER, 1860.**

*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.	CLOUDS.		Maximum read at 9 P.M.	Minimum read at 7 A.M.	Direction and Force from 0 Calm to 10 Violent to Hurricane.	Rain in 24 Hrs read at 10 A.M.	Snow in 24 Hrs read at 10 A.M.	Total rain and melted snow						
					Ozone.	Amount.							General description.					
1	30.339	65.5	59.8	0.10	10	0.10	70.5	61.2	Calm.	0.10	Inch.	Inch.	Inch.	Faint Auroral Light.				
2	30.363	52.9	47.9	0.86	9	10.0	61.1	50.0	N.N.E.	3.3	0.01	.....	0.01	.....				
3	30.057	55.4	47.6	0.86	5	6.3	63.3	47.8	N.N.E.	1.6	0.01	.....	0.01	.....				
4	29.682	50.1	42.1	0.73	4	8.6	57.0	45.0	W.S.W.	3.6	0.36	.....	0.36	Rainbow p.m., aur. streaks				
5	29.708	46.0	37.5	0.72	4	5.6	54.9	38.0	W.N.W.	2.0	0.02	.....	0.02	.....				
6	29.777	43.0	37.5	0.83	7	10.0	49.3	39.2	W.N.W.	1.3	.....	.....	.....	.....				
7	29.947	40.0	37.9	0.73	4	6.6	43.7	36.7	W.W.	2.3	0.40	.....	0.40	Auroral light. Slight frost.				
8	30.101	40.5	35.6	0.73	9	5.0	47.5	32.1	W.N.W.	1.0	0.02	.....	0.02	.....				
9	30.025	39.9	32.6	0.83	4	8.3	43.9	37.2	N.N.E.	1.0	.....	.....	.....	.....				
10	29.639	39.4	36.3	0.90	6	10.0	41.8	35.0	N.E.	3.3	.....	.....	.....	.....				
11	29.577	44.2	38.6	0.86	10	10.0	49.2	32.4	N.	1.6	0.25	.....	0.25	.....				
12	29.643	45.9	40.6	0.86	6	10.0	50.2	40.0	W.	1.0	0.07	.....	0.07	.....				
13	29.900	46.1	35.0	0.60	6	6.0	53.3	42.4	N.	1.6	Inap.	.....	Inap.	.....				
14	30.077	38.3	33.3	0.50	0	0.3	45.2	34.5	S.W.	1.6	.....	.....	.....	Hour frost.				
15	30.077	41.4	35.5	0.82	10	10.0	46.8	34.4	W.S.W.	1.0	.....	.....	.....	.....				
16	30.161	36.9	32.2	0.63	3	6.3	43.5	34.3	W.S.W.	1.0	.....	.....	.....	.....				
17	29.832	35.9	31.9	0.96	6	6.0	38.0	32.3	N.N.E.	2.0	.....	.....	.....	Frost.				
18	29.392	35.1	31.5	0.88	9	10.0	40.4	32.3	N.N.W.	1.6	0.30	.....	0.30	.....				
19	29.254	41.2	37.9	0.86	10	10.0	45.2	35.0	S.	2.0	0.01	.....	0.01	.....				
20	29.436	38.2	32.1	0.81	10	10.0	43.8	34.5	W.S.W.	3.0	0.11	.....	0.11	.....				
21	29.746	38.2	31.8	0.83	7	5.0	36.4	30.0	W.S.W.	3.6	Inap.	.....	Inap.	Hard frost.				
22	30.029	32.7	26.5	0.72	6	6.0	37.9	26.0	S.S.W.	1.6	.....	.....	.....	.....				
23	29.810	39.2	33.5	0.82	9	10.0	42.2	34.0	S.	4.3	Inap.	.....	Inap.	High wind at night. Heavy gale during day and following night.				
24	29.189	34.5	28.1	0.84	9	9.0	47.0	25.2	W.S.W.	5.0	0.68	.....	0.68	.....				
25	29.828	24.1	14.5	0.82	10	10.0	30.0	20.3	S.W.	4.6	.....	.....	.....	.....				
26	30.300	25.1	15.8	0.84	10	10.0	29.8	17.2	S.S.W.	2.3	Inap.	.....	Inap.	.....				
27	29.831	35.3	31.8	0.84	3	8.3	45.4	25.5	W.S.W.	1.6	Inap.	.....	5.00	.....				
28	30.031	27.1	20.9	0.87	4	7.6	34.0	21.4	W.S.W.	1.3	0.02	.....	0.02	.....				
29	29.658	31.0	24.0	0.87	6	7.6	37.8	23.8	S.W.	1.3	.....	.....	.....	.....				
30	29.341	34.7	30.7	0.86	9	10.0	37.4	32.5	Calm.	.....	Inap.	.....	Inap.	Fog early a.m.				
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....				
M's	29.727	39.75	33.77	813	.....	.....	45.56	34.66	.....	.....	2.26	6.00	2.87	.....				

**ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN NOVEMBER, 1860.**

*Compiled from the Records of the Magnetic Observatory.*

Day.	DAILY MEANS OF THE						THERMOMETER.		WIND.		RAIN AND SNOW in 24 hours ending 6 A.M. next day.			GENERAL REMARKS.
	Barometer reduced to 32° Fah.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Max. wind at 6 A.M. of next day.	Min. wind 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	29.772	58.88	79	0-10	64.5	53.2	58.0	N.	55 E.	11.71	.....	.....	.....	1st, 2nd, & 3rd very warm being 18°4, 17°1, & 11°0, above their respective av. 3rd fine rainbow at 4.30 p.m. Display of col. aur. at night.
2	.7320	57.37	87	.....	60.2	57.2	52.5	N.	78 E.	16.36	0.125	.....	.125	
3	.4817	51.02	82	10	61.0	51.0	50.0	S.	7 E.	9.43	.....	.....	.412	
4	.4245	40.57	61	.....	49.0	40.8	.....	S.	56 W.	15.35	.050	Inap.	.050	
5	.5775	36.33	73	9	46.8	39.9	30.0	S.	67 W.	9.10	.....	.....	.....	
6	.8170	36.33	78	3	44.2	31.8	34.5	N.	81 W.	8.45	.....	.....	.....	
7	.8545	34.07	77	3	40.4	29.0	32.2	N.	63 W.	8.04	.....	.....	.....	
8	.5172	34.70	77	6	40.2	30.5	31.5	N.	40 E.	4.35	.....	.....	.....	
9	.2698	39.95	85	10	43.5	31.2	39.0	N.	50 E.	15.14	.818	.....	.818	
10	.....	39.45	90	10	40.5	38.2	38.5	N.	13 W.	11.98	.065	.....	.065	
11	.....	.....	.....	.....	45.4	38.0	.....	N.	30 W.	9.17	.....	.....	.....	
12	.4920	41.28	74	3	49.5	37.0	37.5	N.	33 W.	10.48	.....	.....	.....	
13	.7388	39.45	82	.....	47.2	33.8	39.5	N.	29 W.	7.45	.....	.....	.....	
14	.8188	38.97	78	1	48.0	30.5	42.5	N.	72 W.	4.16	.....	.....	.....	
15	.8338	38.32	85	8	47.8	32.5	39.0	N.	31 W.	5.65	.....	.....	.....	
16	.7835	40.58	84	10	43.4	37.0	36.5	N.	36 E.	2.19	.....	.....	.....	
17	.4332	43.22	94	10	45.5	41.0	42.5	N.	14 W.	3.12	.150	.....	.150	
18	.....	.....	.....	.....	42.0	35.5	.....	S.	43 W.	13.37	.055	.....	.055	
19	28.9568	39.33	71	.....	43.6	39.2	30.5	S.	69 W.	13.36	.....	.....	.....	
20	29.3075	32.25	75	.....	39.4	33.0	23.0	N.	81 W.	13.90	.....	Inap.	Inap.	
21	5225	30.45	83	10	36.2	24.0	28.0	S.	89 W.	8.88	.....	Inap.	Inap.	
22	.5873	36.33	77	9	40.0	30.2	30.5	S.	27 W.	14.87	.200	.....	.200	
23	.2042	39.17	89	10	30.7	33.8	37.0	S.	33 W.	15.31	.132	Inap.	.132	
24	.1743	17.93	79	8	40.5	15.6	11.5	S.	67 W.	27.42	.....	Inap.	Inap.	
25	.....	.....	.....	.....	20.2	13.2	.....	S.	74 W.	18.40	.....	.....	.....	
26	.7115	26.97	83	.....	41.0	16.0	24.5	S.	12 E.	11.56	.180	1.5	.330	
27	.6107	33.87	78	.....	41.0	26.2	24.0	S.	83 W.	14.21	.....	.....	.....	
28	.6947	24.82	71	.....	34.8	23.0	21.5	S.	60 W.	5.34	.....	.....	.....	
29	.2678	36.27	76	.....	43.2	37.0	35.0	N.	46 W.	7.47	.290	.....	.290	
30	.0033	31.60	83	10	37.2	33.5	33.0	N.	34 W.	15.39	.092	0.4	.132	
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
M's	29.5226	37.95	80	7	43.23	33.53	34.71	S. 89° W.	11.02	2.569	1.9	2.751	.....	Cold stormy day, wind in furious squalls W.S.W. Well defined lunar halo. Do. Do.