

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN AUGUST, 1862.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE							THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer reduced to 32° F.	Temperature of the Air.	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 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.			
					Amount.	General description.									
1	29.936	71.2	61.8	0.100	0.10	0	74.0	63.5	N.N.E.	0.10					
2	29.947	75.3	60.8	.62	6.5	1.0	82.0	65.0	S.W.	1.0					
3	29.971	75.4	61.4	.63	2.5	2.0	82.0	65.3	E.	0.6				Au. Light. Sheet lightning in E. at 11 p.m.	
4	29.915	79.5	66.0	.65	1.5	2.0	87.8	69.0	S.S.W.	1.0				Aurora with streamers.	
5	29.914	77.8	65.7	.68	3.0	3.0	87.8	69.6	S.W.	1.6	Inap.	Inap.			
6	300.54	70.7	62.3	.66	2.0	1.0	77.7	63.6	N.	1.3					
7	300.85	71.2	54.0	.59	2.0	9.3	79.5	62.9	S.	2.6					
8	29.748	75.4	67.4	.80	5.5	4.0	81.2	65.3	S.W.	1.0			0.57		
9	29.528	78.5	68.8	.76	8.5	6.0	86.3	70.9	S.W.	2.6	0.05		0.05	Thunderstor. at 5 & 10.15 am.	
10	29.574	73.8	61.8	.68	5.0	0.0	83.4	63.4	S.S.W.	1.0	0.02		0.02		
11	29.857	74.6	61.9	.67	4.5	3.0	81.2	64.2	S.	1.0					
12	29.827	74.1	60.1	.65	7.0	2.0	83.4	63.6	N.W.	3.0	0.02		0.02	[in S.E.] Thunderstorm—Lightning	
13	30.054	67.5	49.5	.54	4.5	2.0	74.0	56.5	S.W.	2.3				Fine Aero. with Streamers.	
14	29.834	68.6	57.0	.69	7.5	3.0	72.2	59.0	S.S.W.	2.3					
15	29.837	67.1	52.5	.64	7.0	6.0	72.5	61.6	S.W.	1.3	0.19		0.19		
16	30.150	60.9	47.8	.63	3.5	5.6	73.4	54.5	S.W.	2.0					
17	30.240	66.8	53.9	.66	5.0	2.3	74.5	54.8	S.W.	1.0					
18	30.024	69.6	60.1	.73	8.5	6.6	75.0	55.0	S.	2.3					
19	29.950	70.4	56.4	.64	4.5	0.6	76.4	60.0	S.W.	2.0	Inap.	Inap.		Aurora with Streamers.	
20	30.017	72.1	55.1	.58	6.5	4.0	80.2	60.8	W.N.W.	1.6					
21	30.089	65.3	61.8	.76	5.0	4.6	71.3	58.5	N.E.	2.3	0.35		0.35	Comet.	
22	29.981	67.0	61.8	.84	8.5	9.3	76.9	57.0	S.S.W.	1.0	0.08		0.08	Lightning in E. at 7 p.m.	
23	29.977	60.3	61.2	.77	6.5	6.6	69.5	56.2	W.N.W.	2.3	0.31		0.31		
24	30.305	58.7	46.2	.66	5.5	0.6	65.8	44.9	S.W.	1.6	Inap.	Inap.			
25	29.984	68.0	49.9	.54	5.0	3.6	77.5	48.8	S.W.	2.6					
26	29.797	72.5	62.2	.72	7.5	10.0	76.0	67.5	W.S.W.	1.3					
27	29.870	66.9	59.9	.61	8.5	8.3	73.7	60.0	E.N.E.	1.3	0.04		0.04		
28	29.644	68.3	60.2	.69	9.5	7.3	71.6	61.8	N.	1.5	0.03		0.03	Dist. light in E & S. Aurora	
29	29.884	60.3	47.5	.67	7.5	3.0	70.3	57.0	W.N.W.	0.07			0.07	Aurora with ft. Streamers.	
30	30.136	60.2	44.1	.57	6.5	0.0	70.4	49.6	S.W.	2.3				Auroral light.	
31	29.916	67.5	52.3	.62	6.0	0.3	77.3	52.6	S.W.	2.3					
S's															
M's	29.926	69.5	56.8	.671			75.9	60.0					1.78		

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN AUGUST, 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° F.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Max. in read at 6 A.M. of next day.	Min. in 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	29.613	72.72	71.7	0-10	81.1	69.0	69.0	S. 63 W.	6.14			0.10			
2	29.615	71.82	73.3	4	79.8	66.4	64.0	S. 63 E.	3.71	0.005				Thunderstorm.	
3		Sun	day	6	79.5	65.4	75.0	S. 73 E.	5.33					Constant lightning at night.	
4	.5383	77.23	79.9	6	84.0	63.9	75.0	S. 24 W.	8.93						
5	.5880	70.17	79.9	3	79.8	70.2	64.9	S. 64 W.	7.60	Inap.					
6	.7722	66.80	70.0	7	75.5	53.5	59.5	S. 70 W.	5.03	.010					
7	.6733	69.65	81.8	4	76.5	63.0	68.0	S. 39 E.	4.64	.310					
8	.4107	79.08	79.9	4	89.5	70.9	78.0	S. 54 W.	7.20	Inap.					
9	.3777	73.73	76.7	5	84.6	71.5	67.0	N. 70 W.	10.05	.017				Faint Aurora.	
10		Sun	day		76.2	60.3		N. 75 E.	4.46						
11	.4922	71.33	79.9	4	79.8	58.6	71.0	S. 89 W.	6.00	.050				Moderate Thunderstorm.	
12	.6772	67.88	59.5	1	79.0	59.6	52.5	S. 49 W.	10.60						
13	.7712	63.15	68.8	4	79.4	55.3	59.0	S. 5 E.	3.99					Auroral arch and Streamers.	
14	.5163	62.17	88.8	7	69.2	56.2	63.0	S. 77 W.	5.19	.355				Ground fog at 9 p.m.	
15	.6573	61.10	61.1	5	69.5	52.2	45.0	N. 49 W.	4.92						
16	.8962	58.80	73.3	2	68.8	52.5	55.0	N. 65 W.	4.52						
17		Sun	day		70.8	46.0		South.	3.92						
18	.6830	64.42	76.7	6	74.0	53.5	64.5	N. 8 E.	4.76	.270				Thunderstorm at 2 p.m.	
19	.6509	64.97	72.3	3	75.0	54.2	63.0	S. 43 E.	3.23						
20	.6818	68.57	73.7	3	79.0	55.5	65.0	N. 59 W.	4.64						
21	.6222	68.85	78.7	7	74.8	55.0	66.0	S. 81 E.	5.00	.334					
22	.4085	68.80	81.7	8	79.2	63.6	68.0	S. 79 W.	7.35	.480				Thunderstorm during forenoon heavy.	
23	.6570	62.55	64.1	1	75.3	58.8	49.0	N. 25 W.	9.49						
24		Sun	day		62.0	48.4		N. 65 E.	5.79						
25	.6782	66.07	70.7	5	75.8	49.0	61.0	S. 42 W.	3.62	.033					
26	.5042	72.68	74.5	5	84.0	63.6	65.5	S. 79 W.	5.23	.250					
27	.4817	67.28	89.0	10	71.5	64.2	68.0	S. 67 E.	4.05	.305					
28	.4068	69.45	80.4	4	78.0	64.0	64.0	N. 60 W.	9.57					Auroral light and Streamer	
29	.6810	61.00	64.1	1	71.0	56.2	57.0	N. 27 W.	7.44						
30	.8477	57.43	63.3	2	67.0	42.8	51.0	S. 13 W.	2.65					Hoar frost First recorded.	
31		Sun	day		69.2	46.2		S. 36 E.	5.49	.697					Heavy Thunderstorm even
S's															
M's	29.6161	67.60	74.4	5	76.11	53.22	62.77	N. 78 W.	5.96	3.109					