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

By Archibald Hall, M.D.

Day.	Daily means of the: Barometer corrected and reduced to F. 32°	Temper'ture of the Air.	Dew Point.	Relative Humidity.	Ozone.	Clouds: Amount.	Clouds: General description	Thermometer: Maximum read at 9, P. M.	Thermometer: Minimum read at 7, A. M.	Wind: Its general Direction and Mean Force from 0 Calm to 10 Violent Hurricane.		Rain and Snow: Rain in 24 h'rs read at 10, A.M.	Snow in 24 h'rs read at 10 A.M.	Total rain and melted snow	General observations.
	Inc's.	°	°	0.100	0.10	0.10		°	°		0.10	Inch.	Inch.	Inch.	
1	29.995	62.4	52.7	.72	2.5	0.6	Strat.	70.3	51.0	N. W.	2.6	0.02	.....	0.02	
2	30.083	67.1	56.7	.70	1.5	3.6	Cir. St.	77.5	64.0	S.W.	1.0	.....	.....	.....	
3	29.925	73.6	58.3	.60	2.0	3.6	Nimb.	83.3	57.2	S.W.	2.3	.....	.....	.....	
4	29.716	75.6	63.8	.70	1.0	6.3	Cu. St.	86.0	67.5	W.S.W.	2.3	0.49	.....	0.49	
5	29.951	71.0	56.9	.62	1.0	0.0	0	81.5	63.0	N.E.	1.3	.....	.....	.....	
6	29.951	72.4	59.9	.66	1.0	2.3	Cu. St.	84.4	60.6	S.S.E.	1.3	.....	.....	.....	
7	29.721	79.5	68.1	.72	2.0	10.9	Cu. St.	90.0	67.8	S.W.	3.0	Inap.	.....	Inap.	Thunderstorm, squally.
8	29.687	78.7	68.2	.72	1.5	2.6	Cu. St.	88.0	71.6	W.N.W.	2.0	Inap.	.....	Inap.	Faint Aurora.
9	29.733	68.6	62.7	.82	4.5	6.3	Nimb.	83.0	63.0	W.N.W.	1.6	0.07	.....	0.07	Auroral stramers.
10	29.778	73.2	63.5	.73	4.0	5.6	Cu. St.	84.5	62.0	S.	2.0	0.02	.....	0.02	
11	30.018	58.1	49.1	.72	2.0	3.6	Cu. St.	71.1	54.0	E.N.E.	2.6	0.02	.....	0.02	Auroral streamers.
12	29.976	64.5	50.9	.64	2.5	2.6	Cu.	76.4	51.0	S.E.	2.3	.....	.....	.....	Fog early a.m., auroral str's
13	29.807	64.3	60.6	.89	9.0	10.0	Nimb.	71.2	61.5	N.N.E.	3.0	0.04	.....	0.04	
14	30.055	61.3	51.6	.70	10.0	10.0	Cu. St.	67.0	58.0	N.	2.3	0.99	.....	0.99	
15	30.119	64.3	48.3	.56	5.0	5.6	Cu. St.	72.0	56.0	W.N.W.	1.6	Inap.	.....	Inap.	
16	30.086	68.8	53.8	.59	4.0	5.3	Cir. St.	77.8	56.2	S.W.	1.3	.....	.....	.....	
17	29.905	69.3	56.7	.67	3.5	1.6	Strat.	79.2	59.2	S.W.	1.6	.....	.....	.....	Lightning in N.
18	29.766	67.2	60.0	.79	7.0	9.3	Cu. St.	72.1	62.0	S.S.W.	1.0	0.26	.....	0.26	Distant Thunder in S.
19	29.932	68.7	60.8	.77	4.5	9.0	Cu. St.	76.4	61.1	E.N.E.	1.6	0.02	.....	0.02	
20	29.891	69.3	64.4	.87	10.0	9.0	Nimb.	75.4	64.0	S.	2.6	0.28	.....	0.28	Thunderstorm.
21	29.912	73.8	61.8	.70	4.5	5.6	Cu. St.	80.5	66.5	S.W.	1.3	0.02	.....	0.02	
22	29.939	70.6	57.9	.66	3.5	1.0	Cir. St.	80.4	61.5	W.S.W.	1.0	.....	.....	.....	Auroral light at midnight.
23	29.973	72.9	63.0	.75	2.5	5.6	Cu. St.	81.5	59.4	N.N.E.	2.0	.....	.....	.....	
24	29.806	68.7	65.3	.93	4.0	10.0	Cu. St.	75.4	60.5	S.	1.0	1.25	.....	1.25	
25	29.622	68.7	63.2	.82	10.0	10.0	Cu. St.	75.1	61.4	E.S.E.	1.3	0.67	.....	0.67	Dist. lightning in N. in ev'g.
26	29.714	68.8	55.9	.66	3.0	5.3	Cu. St.	76.7	63.4	N. W.	2.6	0.08	.....	0.08	
27	29.767	65.0	54.3	.70	9.0	5.3	Nimb.	72.4	57.9	N. W.	1.3	.....	.....	.....	Thunderstorm at 7 p. m.
28	29.751	64.0	52.5	.76	7.0	9.0	Nimb.	66.5	56.0	W.S.W.	3.3	0.07	.....	0.07	Rain in showers.
29	29.836	64.4	54.3	.71	4.0	6.0	Cu. St.	71.6	56.0	W.	2.3	0.03	.....	0.03	
30	29.752	67.0	52.4	.61	2.5	0.3	Cir.	75.5	56.4	W.S.W.	2.3	.....	.....	.....	
31	29.575	66.0	56.1	.71	4.5	5.0	Cu. St.	73.6	61.0	W.	1.3	0.12	.....	0.12	
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.65	
M's	29.861	68.67	58.18	.718	.....	.....	.....	77.30	60.34						

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

Compiled from the Records of the Magnetic Observatory.

Day.	Daily means of the: Barometer reduced to 32° Fah.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Thermometer: Max'm read at 6, A.M. of next day.	Thermometer: Min'm read at 2, P.M. of same day.	Dew Point at 3, P.M.	Wind: General Direction.	Wind: Mean Velocity in Miles per hour.	Rain and snow in 24 hours, ending at 6 A.M. next day: Rain.	Snow.	Total rain and melted Snow.	Ozone in 24 hours ending 6 A.M. of next day.	General remarks.
	Inches.	°	0—100	0—10	°	°	°			Inch.	Inch.	Inch.		
1	29.7382	59.98	66	3	68.2	48 0	46.0	S. 10° W.	4.90	.....	.....	.....		
2	.7280	62.67	81	3	71.0	49.8	61.5	N. 81 E.	4.16	.....	.....	.....		
3	.5290	65.08	87	9	68.5	60.0	59.5	S. 25 E.	4.58	0.125	.....	.....		
4	.5332	71.85	70	3	83.2	62.8	56.0	N. 74 W.	8.85	.....	.....	.....		Dense fog 6 a. m.
5	.....	Sun	day	.....	73.8	59.8	.....	N. 81 E.	4.62	.....	.....	.....		
6	.6058	67.83	82	1	75.4	58.5	65.5	S. 88 E.	2.36	.....	.....	.....		Auror'l light and streamers.
7	.4640	73.82	84	8	84.6	65.2	64.9	N. 74 W.	4.39	Inap.	.....	.....		Thunderstorm during ev'ng.
8	.4555	72.08	62	3	87.0	67.0	58.0	N. 83 W.	6.16	.265	.....	.....		Auroral lt. and faint stream.
9	.4852	67.87	78	4	76.8	62.1	66.0	S. 43 W.	4.27	.035	.....	.....		Thun.str., a.m., aur. at night.
10	.5135	65.08	72	7	79.8	57.5	61.5	N. 65 W.	10.41	.....	.....	.....		Auroral light and streamers
11	.6907	58.42	69	1	73.4	49.0	55.0	S. 22 E.	6.09	.....	.....	.....		Do.
12	.....	Sun	day	.....	73.5	49.4	.....	N. 9 W.	6.39	.675	.....	.....		Thunderstorm at night.
13	.5963	57.32	75	6	66.0	53.6	52.0	N. 36 W.	10.28	.185	.....	.....		Auroral light and streamers.
14	.8047	56.47	79	2	64.4	50.0	57.0	N. 21 W.	6.33	.....	.....	.....		Day and night very cool.
15	.8792	59.23	76	3	67.6	48.0	55.0	S. 18 E.	4.49	.....	.....	.....		
16	.7802	60.07	78	6	68.0	51.0	56.0	S. 68 E.	4.34	.....	.....	.....		
17	.6035	66.03	73	5	74.5	53.5	55.5	N. 82 W.	3.93	.127	.....	.....		Severe th. storm dur. night.
18	.4990	68.73	75	3	78.0	61.2	66.5	N. 47 W.	5.53	.....	.....	.....		Auroral light and streamers.
19	.....	Sun	day	.....	75.4	59.2	.....	S. 70 W.	3.01	.303	.....	.....		
20	.5760	68.85	79	7	80.6	64.8	70.0	N. 85 W.	4.20	.....	.....	.....		Very heavy thunderstorm
21	.6607	67.47	79	6	75.5	59.2	64.0	S. 86 W.	4.66	.....	.....	.....		[all night.
22	.6705	65.98	71	1	73.0	56.8	53.0	N. 79 E.	4.66	.....	.....	.....		Faint Aurora.
23	.5327	71.02	80	6	77.6	61.2	68.0	N. 71 E.	6.37	.890	.....	.....		
24	.4223	66.08	87	8	73.2	62.0	66.0	N. 15 W.	4.94	.350	.....	.....		Most severe storm of season, hail of large size mingled with rain.
25	.4087	64.80	78	8	71.8	61.6	61.0	N. 53 W.	11.67	.....	.....	.....		
26	.....	Sun	day	.....	73.0	53.8	.....	N. 50 W.	4.55	Inap.	.....	.....		
27	.4997	58.80	74	3	68.4	54.0	49.0	N. 81 W.	9.20	.062	.....	.....		
28	.6032	56.67	67	2	67.0	46.8	52.0	N. 53 W.	4.13	.....	.....	.....		
29	.6482	60.58	68	1	69.5	52.0	55.0	S. 20 W.	4.26	.....	.....	.....		
30	.4007	64.83	79	4	73.4	49.5	63.0	S. 49 W.	7.82	.375	.....	.....		Heavy thun. storm in ev'ng.
31	.3992	62.78	72	4	73.5	57.0	50.0	N. 63 W.	8.29	.013	.....	.....		
S's	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.495	.....	.....		
M's	29.5827	64°.46	76	4	73°.73	56°.27	58°.74	N. 70° W.	5.80					