

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN JULY, 1860.

By Archibald Hall, M.D.

Day.	DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
	Barometer corrected and reduced to 32° Fahr.	Temperature of the Air.	Dew Point.	Relative Humidity.	Ozone.	CLOUDS.		Maximum read at 9 P.M.	Minimum read at 7 A.M.	Direction and 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					
						Amnt.	General Description.											
1	Inc's.	o	o	0.100	0.10	0.10		o	o	o.10	Inch.	Inch.	Inch.					
29	946	68.7	49.6	.49	1.0	1.3	Cir. St.	75.8	55.6	W. S.W.	2.0	Inap.	Inap.	Aur. stream. N.E. & W., 1 a.m.				
30	951	63.1	48.5	.46	1.0	1.9	Cir. St.	76.9	57.5	W. S.W.	1.6			Solar Halo.				
31	954	70.7	50.4	.65	0.7	2.3	Cu. St.	85.4	61.7	S.W.	2.3							
1	947	68.9	45.3	.39	1.2	3.0	Cu. St.	73.2	62.8	N. N.E.	3.0							
2	947	68.9	45.3	.39	1.2	3.0	Cu. St.	81.0	58.0	E. S.E.	2.6							
3	925	70.7	52.2	.52	1.0	3.0	Cu. St.	82.6	53.5	N.	1.6							
4	889	72.5	57.4	.63	1.0	3.0	Strat.	81.6	59.0	S.W.	1.6							
5	909	71.1	53.4	.54	1.0	3.0		78.5	59.6	S.	4.3							
6	909	71.1	53.4	.54	1.0	3.0		76.7	65.0	S.W.	4.0	0.04	0.07	Thunderstorm at noon.				
7	901	70.2	61.5	.66	1.0	3.0	Cu. St.	70.6	59.5	W. N.W.	1.6	0.39	0.39					
8	932	63.2	36.4	.43	1.0	3.0	Cu.	71.6	54.0	W. N.W.	1.3	0.15	0.15					
9	975	63.0	47.3	.60	1.0	3.0	Cu.	75.1	54.0	W. N.W.	2.0	Inap.	Inap.					
10	949	67.0	52.5	.53	1.0	3.0	Cu.	80.5	59.0	N.W.	1.0							
11	981	71.5	52.5	.52	1.0	3.0	Cu.	81.3	59.0	N.W.	2.6	0.04	0.04					
12	936	73.9	53.8	.55	1.0	3.0	Cu.	83.8	64.0	W. S.W.	3.3							
13	896	76.4	60.0	.61	1.0	3.0	Cir. Cu. St.	82.8	66.0	S.S.W.	2.6			Thunderstorm.				
14	851	72.6	61.4	.71	1.0	3.0	Cu. St.	75.5	56.5	N.W.	2.6	0.17	0.17					
15	810	68.2	57.7	.60	1.0	3.0	Cu.	81.5	64.8	W. S.W.	3.0			Solar eclipse vis. ev. N.E. aur.				
16	838	73.6	57.7	.70	1.0	3.0	Cu. St.	84.0	67.0	W. S.W.	3.0	0.08	0.08	Thunderstorm. Lightning.				
17	876	75.3	65.7	.85	1.0	3.0	Cu.	78.6	58.6	W. S.W.	1.0			Faint Auroral Streamers.				
18	780	63.9	52.7	.33	1.0	3.0	Cu.	77.9	51.0	W. N.W.	2.3	0.07	0.07	Thunderstorm.				
19	521	67.9	62.7	.77	1.0	3.0	Nimb.	68.4	50.8	W.	1.6	0.13	0.13					
20	801	61.2	45.5	.51	1.0	3.0	Cu. St.	74.1	54.2	S.W.	2.3			Thunderstorm. Aur. light.				
21	522	60.4	43.1	.74	1.0	3.0	Nimb.	68.3	50.9	S.W.	5.0	0.06	0.06	Heav. gale p.m., doubl. rain.				
22	784	59.0	36.4	.94	1.0	3.0	Nimb.	74.3	54.0	W. S.W.	2.0	0.42	0.42	Solar Halo.				
23	939	65.4	39.3	.63	1.0	3.0	Cu.	75.3	58.5	W. S.W.	2.6	0.06	0.06					
24	738	65.1	59.8	.83	1.0	3.0	Nimb.	69.3	52.5	N.W.	2.0	0.65	0.65					
25	591	61.4	42.6	.62	1.0	3.0	Cu.	72.4	56.0	S.E.	1.0							
26	607	64.2	57.7	.79	1.0	3.0	Cir. St.	73.4	59.0	S.	4.0							
27	782	64.5	57.7	.80	1.0	3.0	Cu. St.	78.2	66.0	W. N.W.	1.6	0.06	0.06					
28	715	68.1	62.3	.86	1.0	3.0	Cu. St.	83.0	57.0	N.W.	2.6							
29	739	63.3	53.9	.77	1.0	3.0	Cu. St.											
S's																		
M's	29.816	68.12	55.20	.657				76.74	57.87				1.72	1.72				

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN JULY, 1860.

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° Fahr.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	CLOUDS.		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.			
					Max'm read at 6 A.M. of next day.	Min'm read at 2 P.M. of same day.									
1	Inches.	o	0-100	0-10	o	o	o	o		Inch.	Inch.	Inch.			
29	6547	65.37	73	5	69.2	59.2		N.	67 E.	6.60					
30	4085	63.07	74	5	73.0	54.2	59.0	S.	9 E.	3.84					
31	3467	61.98	90	10	63.2	60.0	63.0	S.	56 E.	5.46	.115				
1	4052	61.57	74	8	69.4	60.5	61.5	S.	53 E.	9.28	.870				
2	6403	61.52	64	3	72.0	54.7	57.0	S.	6 E.	7.52	.005				
3	6110	65.78	65	1	88.5	53.7	52.0	S.	66 E.	6.53					
4				1	73.6	52.5	49.8	S.	71 E.	5.50					
5				1	71.4	52.0		S.	30 E.	6.65	.480				
6				1	72.8	63.2	62.0	S.	88 S.	12.43					
7	3645	55.33	79	6	70.5	52.2	56.5	S.	52 W.	5.15					
8	6168	55.07	79	6	68.0	49.6	57.0	S.	40 W.	8.07			Thunder 5 p.m.		
9	7948	58.88	63	3	70.4	50.2	53.0	S.	27 W.	8.72			Auror'l light and streamers.		
10	8177	62.42	63	3	72.5	52.5	47.0	S.	26 W.	3.93			Faint Auroral light.		
11	7470	63.75	75	1	77.0	52.0	56.5	S.	17 W.	6.52					
12	6730	64.70	74	1	77.0	55.6		S.	42 W.	4.81	.075				
13				4	83.8	63.2	61.5	S.	65 W.	11.49	.018				
14				1	72.5	53.0	57.5	S.	7 W.	4.45					
15				7	71.2	55.0	57.0	S.	45 W.	4.35	.510				
16	4055	63.39	72	5	88.0	62.7	65.5	S.	80 W.	8.93					
17	6538	62.85	89	5	81.8	61.9	60.0	S.	44 W.	4.97					
18	5252	63.18	89	3	76.0	62.2	55.5	S.	58 W.	15.47	.475				
19	4394	75.00	70	5	70.0	54.2		S.	73 E.	5.12	Inap.				
20	4392	66.93	64	3	68.5	53.0	46.0	S.	60 W.	13.23					
21	3237	63.25	72	8	74.5	43.8	48.0	S.	75 W.	9.53					
22				4	70.8	52.5	55.0	S.	11 E.	4.06					
23				7	73.6	60.0	64.0	N.	62 W.	7.87	.169				
24				1	66.0	55.0	48.0	N.	45 E.	6.35					
25				7	67.5	49.0	42.0	N.	61 E.	7.25	.655				
26				7	74.0	61.2		N.	39 W.	7.25	.935				
27				6	74.0	54.8	64.0	N.	57 W.	2.93	.043				
28				2	72.0	61.6	42.0	N.	34 W.	11.68					
S's															
M's	29.5640	63.02	72	4	73.03	55.85	55.51		N. 61° W.	7.33			4.336		