

# ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN MAY, 1862.

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.	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.							Inch.	Inch.		
1	Inc's. 30.129	46.0	40	0.100	0.10	0-10		62.0	39.0	S.	0.10						
2	35.859	45.6	44.2	38	8.0	9.6	Nimb.	60.7	39.6	N.E.	2.3						
3	39.844	56.0	46.1	75	10.0	10.0	Nimb.	66.3	44.5	S.E.	1.3			1.41			
4	39.755	55.3	44.2	69	7.5	6.0	Cu. St.	63.2	43.7	S.W.	1.3	0.20		0.20			
5	39.643	52.7	42.3	63	7.5	6.0	Cu.	64.4	38.5	S.W.	2.0						
6	39.590	47.3	40.1	77	5.5	3.3	Cu. St.	60.3	36.2	N.W.	2.3	0.03		0.63			
7	39.702	41.9	35.8	83	6.0	3.0	Cir. St.	54.2	31.2	N.W.	2.0	0.05	3.00	0.51			
8	39.877	50.0	37.3	64	5.0	3.6	Nimb.	59.5	37.9	W.	1.6	Inap.	0.50	0.08	Thunder and Lightning.		
9	39.635	61.1	43.5	65	6.0	3.6	Cu.	76.0	45.0	W.	4.0						
10	39.776	51.0	34.3	56	2.5	1.0	Strat.	65.8	45.2	N.W.	4.0	0.01		0.01			
11	39.039	55.9	39.7	60	2.5	1.0	Cu.	65.8	41.3	N.	2.6						
12	39.971	60.8	42.3	54	2.5	5.0	Cu. St.	70.9	45.7	S.W.	3.6						
13	39.957	53.9	45.1	75	5.0	4.3	Cu.	64.2	47.0	N.E.	1.6	0.09		0.09			
14	39.065	53.1	43.5	61	5.0	1.6	Cir. St.	68.4	43.7	W.S.W.	1.0						
15	39.061	66.0	47.2	54	2.0	2.0	Cir. St.	31.9	47.2	S.W.	2.0						
16	39.033	72.5	43.7	43	2.5	0.6	Cir. St.	33.8	53.2	S.S.W.	2.6						
17	39.879	77.0	56.0	50	3.0	0.6	Cu.	34.3	56.3	S.S.W.	3.3						
18	39.637	75.7	59.2	62	3.5	2.3	Cu.	36.2	61.3	S.	3.3						
19	39.618	67.7	43.7	77	6.5	9.0	Cu. St.	72.0	62.7	W.S.W.	4.6	0.02		0.02	[distant Lightning in S. Auroral light at 11:30 P.M.		
20	39.979	52.5	35.5	53	5.5	3.0	Cu.	59.7	41.8	W.S.W.	3.3				Cypsilus pelagius seen.		
21	39.033	65.3	43.0	80	6.5	6.0	Nimb.	65.6	43.3	S.E.	2.6						
22	39.896	60.4	52.6	60	6.5	6.0	Cu. St.	68.2	56.5	S.W.	4.6	0.55		0.55	Heavy Gale.		
23	39.912	56.0	41.2	38	4.0	4.6	Cu.	71.0	43.3	W.	3.3	0.03		0.03	Faint Auroral light.		
24	39.100	54.5	34.3	56	5.5	4.6	Cu. St.	62.0	37.0	S.W.	3.0				Frost dur. night.		
25	39.893	56.8	40.1	56	5.5	4.6	Cu.	66.3	37.0	W.	3.3	Inap.		Inap.	Slight storm from S.W. noon		
26	39.010	55.3	42.9	67	5.5	3.6	Cu. St.	65.0	42.5	E.S.E.	1.6	Inap.		Inap.			
27	39.673	64.2	49.6	61	9.0	8.6	Cu. St.	72.2	55.0	S.	3.0						
28	39.744	57.9	38.2	49	4.5	3.6	Cu. St.	66.0	50.8	W.N.W.	2.6	0.06		0.06	[mers at midnight.		
29	39.795	59.0	40.2	52	3.0	3.0	Cu.	68.5	45.6	W.N.W.	3.3				Auroral light with ft. streas.		
30	39.823	60.5	44.4	53	2.0	0.0	00	68.9	46.8	S.E.	2.0				Au. light bright at midnight.		
31	39.806	65.6	44.6	49	1.0	1.0	St.	74.5	46.0	S.W.	1.6				Faint Auroral light.		
S's																	
M's	298693	58.93	43.46	654				68.00	45.20			2.70	3.5	2.99			

# ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN MAY, 1862.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE						THERMOMETER.		WIND.		RAIN AND SNOW.			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	Inches. 29.5143	42.27	87	0-10	0	0	37.0	N. 82 E.	14.37	.255		0.10			
2	4335	44.37	89		10	7	53.5	S.S.W.	20 W.	6.77	.135			Dense Fog.	
3	5233	46.43	76		9	5	53.2	S.S.W.	62 W.	8.03	.007				
4		Sunday			55.0	36.5	40.0	N. 45 W.	5.94					Hoar frost.	
5	4492	46.45	73		9	54.6	40.0	N. 39 W.	12.27						
6	4105	52.35	56		3	63.3	43.0	N. 53 W.	17.14					Faint Aurora.	
7	5770	45.90	43		2	52.6	40.2	N. 30 W.	10.43						
8	7220	51.97	61		2	68.0	32.4	N. 30 W.	8.19					Hoar frost and Thin Ice.	
9	5895	65.45	45		2	78.5	41.5	N. 57 W.	16.33						
10	8265	60.33	52		0	70.5	54.6	N. 26 W.	15.31						
11		Sunday			59.6	40.2	40.2	S. 47 W.	3.24						
12	6943	53.03	63		3	67.5	39.4	S. 38 W.	5.65	Inap.		Inap.		Lightning in N. H.	
13	5917	50.20	88		6	60.0	46.0	N. 35 E.	3.98	.160		.160			
14	7345	52.43	60		7	62.2	42.6	N. 69 E.	6.85						
15	7778	56.20	57		2	65.5	44.4	N. 73 E.	2.73						
16	7313	59.93	72		0	74.0	43.6	S. 42 W.	1.17						
17	5760	60.75	73		1	72.4	49.0	S. 62 E.	2.03						
18		Sunday			71.8	51.6	51.6	S. 89 W.	10.21					Lightning in W.	
19	5070	41.87	69		10	45.6	40.8	N. 68 W.	8.55						
20	6643	44.03	80		5	51.0	32.6	N. 73 E.	6.55						
21	4520	49.25	71		8	56.0	42.0	N. 53 E.	12.67	.855		.855		Thunder storm. Au. at night.	
22	5972	54.37	68		5	64.4	47.3	N. 69 W.	12.92						
23	7885	50.45	52		1	59.3	47.1	N. 55 W.	13.83					Faint Aurora.	
24	8535	46.07	58		1	53.5	33.2	N. 7 E.	4.31					Hoar frost and Ice.	
25		Sunday			58.5	37.0	37.0	S. 15 W.	4.96					Solar Halo.	
26	5210	52.38	68		7	59.2	42.5	N. 80 E.	3.42	.015		.015		Lightning in S. W.	
27	3633	58.28	67		7	71.4	49.6	N. 23 W.	9.58	Inap.		Inap.			
28	6032	51.23	53		3	63.0	41.2	N. 30 W.	6.78						
29	5875	55.15	52		2	64.1	36.1	S. 58 W.	3.22					Hoar frost. Solar Halo.	
30	5080	55.03	54		2	60.0	44.8	East.	2.48					Auroral light and Streamers.	
31	5212	57.40	52		7	66.2	41.4	N. 56 E.	3.51					Auroral light.	
S's															
M's	28.5895	52.17	65		5	61.43	42.01	40.44	N. 64 W.	7.87		1.427	1.427		