

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN JUNE, 1861.

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.	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		
						Amount.	General description								
1	30.033	68.2	40.7	4.46	4.5	0.10	0.10	77.4	58.0	S.W.	0.10			Faint Solar Halo a. m.	
2	30.044	64.3	52.9	4.05	5.0	7.6	75.3	56.7	N.E.	2.0					
3	30.514	67.9	62.9	4.89	5.5	9.6	76.9	59.0	S.W.	4.0	1.14		1.14	Thunder storm at 2 p. m.	
4	30.967	58.5	42.4	4.00	5.0	5.6	68.0	47.0	S.W.	2.6	0.58		0.58	Hazy in North.	
5	30.184	62.5	46.4	4.58	3.5	3.0	68.0	50.5	N.E.	3.0					
6	30.103	62.6	49.2	4.65	4.1	8.0	66.6	57.5	S.	1.3	Inap.		Inap.		
7	30.326	63.2	55.0	4.77	5.3	6.3	69.4	55.5	E.	2.0	0.15		0.15	Thunder and Lightning.	
8	30.960	72.5	56.0	4.62	3.5	2.0	78.9	59.0	N.E.	1.3					
9	30.935	75.4	56.0	4.53	3.0	0.0	84.8	60.5	S.W.	2.3					
10	30.813	82.7	57.6	4.46	1.3	2.3	90.4	65.7	S.W.	2.3					
11	30.615	81.0	58.4	4.49	1.6	5.0	89.8	67.5	S.W.	3.3					
12	30.614	71.3	52.6	4.56	4.4	4.6	82.0	59.5	W.N.W.	3.3	0.03		0.03	Auroral light.	
13	30.942	63.9	40.9	4.69	6.5	8.0	72.4	50.5	W.N.W.	2.0	0.08		0.08		
14	30.904	63.6	42.2	4.52	6.5	6.0	71.4	58.2	S.W.	4.3					
15	30.388	61.0	57.9	4.88	10.0	10.0	66.0	55.0	N.	2.0	0.69		0.69	Thunder storm at 6 & 10 p.m.	
16	30.670	64.7	51.1	4.66	7.7	5.0	68.5	55.0	N.	2.6	1.06		1.06		
17	30.959	61.8	48.1	4.64	4.4	0.3	67.4	48.2	W.	2.3					
18	30.863	67.2	50.9	4.59	7.0	0.0	74.2	55.0	S.W.	2.6					
19	30.757	69.9	55.8	4.59	6.6	6.0	76.9	59.3	S.W.	1.0	0.02		0.02		
20	30.846	65.6	51.9	4.63	1.0	0.0	70.8	56.9	W.S.W.	1.0	0.04		0.04		
21	30.701	61.1	53.9	4.82	9.3	9.3	66.0	54.2	E.N.E.	2.3					
22	30.627	67.5	59.7	4.73	7.3	0.0	75.8	56.5	S.W.	3.3	0.02		0.02		
23	30.569	65.7	51.1	4.64	4.5	6.6	76.0	56.0	W.N.W.	3.3	0.01		0.01		
24	30.925	61.1	48.4	4.65	2.0	0.0	68.5	52.2	W.N.W.	2.6					
25	30.910	70.0	56.6	4.67	3.3	3.3	77.6	54.9	S.W.	1.0					
26	30.672	73.1	64.8	4.78	6.0	6.0	80.5	64.2	S.W.	1.0					
27	30.836	68.2	53.6	4.65	4.0	1.2	75.6	59.2	W.S.W.	3.3	0.08		0.08		
28	30.827	64.0	53.9	4.73	3.3	0.0	75.6	56.2	N.W.	2.3				Thunderstorm from N. W.	
29	30.822	68.6	54.0	4.62	5.5	0.3	76.0	56.4	W.S.W.	2.0	0.22		0.22		
30	30.742	69.2	55.7	4.64	5.0	9.3	79.8	56.8	S.W.	1.6					
S's															
M's	29.852	67.21	53.19	651			74.90	58.04			4.12		4.12		

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN JUNE, 1861.

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° Fal.	Temperature of the Air.	Relative Humidity.	Amount of Cloudiness.	Max'm read at 6 A.M. of next day.	Min'm 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	29.7670	57.82	60	5	69.8	42.2	48.0	S. 45 E.	1.35					
2	Sunday			6	64.4	43.0		S. 56 E.	5.15	0.590			Fog & Rain during evening.	
3	3912	66.93	76	7	74.8	53.0	58.0	N. 65 W.	15.04				Solar Halo 5 p. m.	
4	6520	52.20	71	7	56.2	53.0	46.0	N. 88 E.	7.72				Solar Halo 8 a. m.	
5	6763	51.10	69	10	54.6	47.0	46.0	N. 75 E.	11.66	.612				
6	6992	54.47	81	9	62.0	48.2	47.5	N. 80 E.	4.11					
7	6948	58.63	82	7	66.8	51.5	57.0	N. 52 E.	3.94	Inap.				
8	7105	67.60	64	2	75.6	52.8	58.0	N. 16 W.	5.19				[in S. E. 8.45 p. m.	
9	Sunday			0	87.8	63.4		N. 20 W.	10.08				Day very hot, Bright meteor	
10	6007	72.22	65	0	85.0	55.5	62.5	N. 35 W.	4.42				Hot and Sultry.	
11	4317	72.40	69	3	84.0	57.8	65.0	N. 76 W.	4.94	.007			Hot and Sultry.	
12	4847	62.00	61	2	73.2	62.5	49.0	N. 49 W.	15.31				Auroral arch & Streamers.	
13	7233	57.90	61	1	66.2	51.2	50.0	N. 35 W.	5.62				Auroral light & Streamers.	
14	5777	55.28	72	7	61.2	41.6	48.0	N. 82 E.	2.46	.120				
15	2283	65.42	83	8	73.8	51.0	67.0	S. 7 W.	8.10	.155			Thunder Storm. Yellow matter fell with rain.	
16	Sunday			1	65.0	56.5		N. 14 W.	14.33					
17	6998	54.08	60	1	60.8	44.2	45.0	S. 13 E.	2.94					
18	5487	54.60	71	6	63.0	41.8	52.5	S. 30 W.	1.63	Inap.				
19	4718	61.98	80	5	71.4	48.5	61.0	N. 55 W.	4.85	.217			Thunder Storm and heavy rain during afternoon.	
20	5780	59.33	74	5	66.8	54.5	56.0	S. 86 E.	5.42	.270				
21	2682	59.12	81	6	69.8	51.2	61.0	N. 70 W.	5.68					
22	4357	66.75	60	2	79.0	50.2	51.0	N. 76 W.	6.62					
23	Sunday			7	71.4	53.8		N. 33 W.	8.87	.037				
24	6338	59.68	63	1	68.4	46.4	51.5	S. 76 W.	3.33				Solar halo.	
25	5710	64.35	71	5	71.5	51.6	56.0	S. 55 E.	2.16					
26	4700	68.97	58	4	79.0	59.5	51.0	N. 68 W.	9.24	Inap.				
27	6537	62.30	71	4	72.4	50.0	56.0	S. 39 W.	4.01					
28	6003	61.52	62	5	73.5	54.6	57.0	N. 86 W.	2.56	Inap.				
29	5742	61.58	57	2	71.5	47.2	53.0	S. 18 W.	4.32					
30	Sunday			2	72.0	49.0		N. 13 W.	2.23				Distant Thunder dur. even.	
S's														
M's	29.5698	61.29	69	5	70.36	51.26	54.12	N. 39 W.	6.11	2.203				