

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT MONTREAL IN APRIL, 1862.

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DAILY MEANS OF THE										THERMOMETER.		WIND.		RAIN AND SNOW.			GENERAL OBSERVATIONS.
Day.	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 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	Inc's.	°	°	0.100	0.10	0.10		°	°		Inch.	Inch.		Solar Halo. Rain with hail & distant lightning midnight. Zodiacal light. Fringilla media first heard. Faint Auroral light. Lunar Corona. Fine Aurora. [for last time. Two sleighs to St. Lambert Swallows (Hirundo purpurea) first seen. Aurora with streamers. Faint Solar Halo A.M. Fog at 4.30 p.m. for an hour. First steamer in Port from Winter quarters. Ice formed on foils. First Steamer to Quebec.			
2	30.171	37.9	33.7	.85	7.5	10.0	Cu. St.	44.4	31.3	N.	1.0	.....	0.22				
3	30.130	40.7	32.2	.72	7.5	9.0	Cu. St.	47.2	31.5	S.E.	3.3	.....	Insp.		0.22		
4	29.839	41.3	33.9	.77	9.0	8.3	Cu.	48.8	34.6	S.W.	3.0	0.04	.....		0.04		
5	30.233	32.7	26.1	.77	5.0	0.0	00	39.0	20.7	S.S.W.	1.3	0.05	.....		0.05		
6	29.874	26.5	20.6	.30	6.5	7.6	Nimb.	39.2	15.8	S.E.	1.3	.....	.....		.....		
7	29.927	35.2	28.1	.75	5.5	7.0	Cu. St.	42.0	32.0	N.	1.6	.....	3.40		0.57		
8	30.177	25.3	16.7	.68	4.0	0.0	00	33.0	16.0	N.N.E.	1.6	.....	.....		.....		
9	30.174	26.1	16.0	.64	3.5	2.6	Gr. St.	33.2	11.8	N.N.E.	1.6	.....	.....		.....		
10	30.060	27.8	18.3	.63	2.2	0.0	00	34.6	13.5	N.	2.0	.....	.....		.....		
11	30.175	33.5	21.4	.61	3.5	2.6	Gr. St.	43.8	22.0	N.E.	2.0	.....	.....		.....		
12	30.384	38.1	27.2	.67	1.5	0.0	00	43.0	27.0	N.N.E.	1.0	.....	.....		.....		
13	30.389	39.5	26.2	.59	1.0	0.0	00	48.0	31.0	N.E.	1.0	.....	.....		.....		
14	30.251	41.7	27.2	.60	1.5	0.0	00	49.0	26.0	Calm.	1.0	.....	.....		.....		
15	30.194	43.3	33.4	.75	5.0	8.0	Cu. St.	54.5	26.2	S.E.	1.0	.....	.....		.....		
16	30.347	47.7	38.9	.73	6.5	6.6	Nimb.	55.2	37.4	Calm.	0.0	0.11	.....		.....		
17	30.226	50.0	43.8	.81	6.5	4.6	Cu. St.	63.0	39.0	N.	1.0	.....	.....		.....		
18	30.001	57.0	49.7	.78	5.5	4.0	Gr. St.	82.0	44.6	S.W.	1.3	.....	.....		.....		
19	29.867	55.0	46.3	.74	8.0	9.0	Cu. St.	69.5	46.0	S.S.W.	1.3	.....	.....		.....		
20	29.899	48.6	35.4	.70	6.5	6.0	Cu. St.	71.3	41.3	N.	1.3	.....	.....		.....		
21	30.096	41.2	33.0	.75	5.0	6.0	Cu. St.	51.0	36.0	S.W.	4.0	0.14	.....		0.14		
22	30.017	54.4	40.1	.83	8.5	10.0	Cu. St.	58.0	33.0	N.	1.6	.....	.....		.....		
23	30.518	45.3	42.8	.93	9.5	10.0	Nimb.	51.0	37.0	N.E.	2.0	0.20	.....		0.20		
24	30.617	41.0	38.1	.88	9.5	9.3	Cu. St.	58.0	33.0	N.	1.6	0.12	.....		0.12		
25	30.956	32.3	26.8	.81	5.5	6.6	Nimb.	43.0	25.5	N.N.E.	5.3	.....	Insp.		0.01		
26	30.203	38.7	26.9	.64	6.0	0.0	00	46.5	26.8	N.N.E.	1.3	.....	.....		.....		
27	30.303	41.5	30.8	.65	5.0	3.3	Cu. St.	50.4	29.8	N.N.E.	1.0	.....	.....		.....		
28	30.350	47.5	35.9	.51	4.2	5.6	Cirr.Cu.St.	57.0	32.0	N.N.E.	1.0	.....	.....		.....		
29	30.103	46.3	38.2	.73	9.0	10.0	Nimb.	50.6	42.8	N.N.E.	1.3	0.03	.....		0.03		
30	30.988	48.4	40.4	.76	6.5	7.6	Cu. St.	58.0	42.0	N.	3.3	0.04	.....		0.04		
31	30.085	52.4	39.4	.65	4.5	2.3	Cu.	60.2	38.5	S.W.	1.3	.....	.....		.....		
S's	30.085	41.02	32.34	.734				59.92	30.81			0.73	3.40		1.52		

ABSTRACT OF METEOROLOGICAL OBSERVATIONS AT TORONTO IN APRIL, 1862.

Compiled from the Records of the Magnetic Observatory.

Day.	DAILY MEANS OF THE				THERMOMETER.		Dew Point at 3 P.M.	WIND.		RAIN AND SNOW in 24 hours, ending at 6 A.M. next day.				GENERAL REMARKS.
	Barometer re- duced to 32° Fah.	Temperature of the Air.	Relative Humi- dity.	Amount of Cloudiness.	Max'm read at 6 A.M. of next day.	Min'm read at 2 P.M. of same day.		General Direc- tion.	Mean Velocity in Miles per hour.	Rain.	Snow.	Total rain and melted Snow.	Ozone in 24 hours end- ing 6 A.M. of next day.	
	Inches.	°	0-100	0-10	°	°	°				Inch.	Inch.	0.10	
1	29.8888	34.23	83	4	39.6	30.4	32.0	N. 50 E.	5.77					Faint Anrora.
2	.4337	39.27	80	9	45.7	29.8	35.0	N. 62 E.	15.58	.010		.010		Thunderstorm first of season
3	.7447	40.25	72	8	45.4	34.2	34.0	N. 77 W.	10.24					Faint Aurora.
4	.7842	32.30	81	9	36.0	31.6	25.0	N. 86 E.	15.90		0.1	.010		
5	.3783	36.40	79	9	41.8	30.4	31.0	N. 87 W.	12.51	.355	0.1	.365		
6		Sunday			35.0	28.8		N. 69 W.	12.03			Inap.		
7	.8738	26.17	82	7	31.2	14.5	23.0	N. 72 E.	9.41		Inap.	Inap.		Lunar Halo.
8	.6467	29.90	79	10	32.2	26.2	25.0	N. 80 E.	19.99					
9	.5765	33.22	69	10	36.8	29.0	21.0	N. 72 E.	11.17					Lunar Halo.
10	.9007	35.67	70	0	43.0	28.1	31.0	N. 32 E.	5.00					Aurora.
11	30.0923	37.08	66	1	46.4	30.0	24.2	N. 20 E.	4.79					Lunar Halo.
12	30.0167	39.73	53	4	45.2	30.0	22.0	N. 85 E.	10.42					
13		Sunday			45.8	36.0		N. 77 E.	6.99	.020		.020		
14	29.7922	46.37	79	9	57.0	39.8	45.5	N. 88 E.	4.18					Swallows seen.
15	.8393	49.25	82	6	55.4	40.5	46.0	N. 81 E.	6.17	Inap.		Inap.		Faint Aurora.
16	.7210	54.32	79	9	66.8	44.5	49.0	S. 67 E.	3.34	.005		.005		{ Solar Ha. distant thunder
17	.7472	56.85	82	10	68.0	51.4	57.0	N. 89 W.	6.93	.130		.130		{ Lunar Halo.
18					57.0	45.2		N. 74 W.	8.98	.115		.115		
19	.7725	41.30	68	8	47.8	37.0	38.0	N. 49 W.	7.82					
20		Sunday			44.8	35.0		N. 87 E.	7.48					
21	.4310	37.40	89	10	38.8	34.6	36.0	N. 82 E.	18.85	1.555		1.555		
22	.1673	30.83	87	10	48.0	36.6	43.5	N. 64 W.	14.04	.020		.020		
23	.5947	31.12	84	5	33.8	28.0	24.0	N. 68 W.	18.11		Inap.	Inap.		Thick ice A.M.
24	.8005	35.92	69	1	46.0	29.2	30.0	N. 55 W.	9.37					
25	.8876	35.00	58	5	43.2	27.8	11.0	S. 85 E.	5.40					
26	.9767	39.87	56	4	48.0	27.9	24.0	S. 87 E.	8.07					
27		Sunday			49.0	35.0		N. 76 E.	8.07					Solar Halo.
28	.6140	48.10	70	9	56.4	41.6	41.0	N. 81 W.	10.76	.025		.025		
29	.7627	43.97	57	4	52.2	39.4	23.0	N. 38 W.	9.54					
30	.7023	45.45	61	3	54.0	30.5	35.0	N. 87 E.	7.77					Solar Halo.
31														
S's										2.235	0.2	2.255		
M's	29.7258	39.56	73	7	46.34	33.43	32.24	N. 50 E.	9.75					