

**Meteorology.**

—From the Records of the Montreal Observatory, lat. 45° 31 North; Long. 4h. 54m. 11 sec. West of Greenwich, and 182 feet above mean sea level,—for Feb., 1870,—By CHAS. SMALLWOOD, M.D., LL.D., D.C.L.

DAYS.	Barometer corrected at 32°			Temperature of the Air.			Direction of Wind.			Miles in 24 hours.
	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.	7 a.m.	2 p.m.	9 p.m.	
1	29.780	29.917	30.101	14.0	22.2	3.9	W	W	W	94.00
2	30.302	30.199	.200	-4.6	1.9	1.6	N E	N E	W	77.12
3	.351	.496	.551	-2.0	7.1	1.9	Nby W	N E	N E	114.12
4	.699	.682	.611	-7.4	14.0	3.7	N	N E	N E	180.00
5	.400	.321	.298	5.7	22.4	17.9	N E	N E	N E	94.47
6	.248	.243	.250	17.3	17.0	21.1	S W	N E	S W	89.29
7	.202	.247	.201	19.0	24.4	25.0	N E	N E	N E	74.12
8	.061	29.817	29.661	23.8	26.4	24.0	N E	N E	S E	60.00
9	29.499	.501	.507	24.0	31.6	28.4	N E	N E	S E	187.74
10	.675	.711	.804	23.0	30.0	17.6	N E	S E	N E	71.00
11	30.122	.914	.800	1.1	28.0	16.0	N	S	N E	91.19
12	29.289	.313	.749	29.1	31.7	20.2	S W	W	W	61.11
13	30.225	30.223	30.225	1.0	13.9	4.9	W	W	W	271.12
14	29.957	29.815	29.647	2.2	22.0	21.2	N E	N E	N E	311.10
15	.750	.917	30.049	23.7	38.2	31.1	W	W	W	204.11
16	30.347	30.371	.498	10.2	27.2	16.0	W	N E	W	80.19
17	.551	.309	.171	0.1	14.2	26.1	N	N E	N E	67.24
18	29.769	29.499	29.500	34.0	36.7	31.1	S W	S W	W	81.00
19	.834	.997	30.089	9.0	25.1	10.0	W	W	W	311.17
20	30.184	30.014	29.921	5.0	21.0	16.1	W	N E	N E	121.10
21	29.847	29.799	.725	5.0	8.0	-1.9	N E	W	S W	197.74
22	.712	.722	.751	-5.1	8.9	5.1	W	W	wby S	318.19
23	.624	.631	.655	11.0	18.3	15.7	wby S	w S W	W	171.00
24	.700	.699	.650	11.7	20.5	4.3	W	W	W	96.17
25	.597	.599	.600	2.0	23.1	13.2	W	W	W	191.44
26	.648	.750	.800	10.1	24.2	22.0	wby S	wby S	wby S	109.21
27	.801	.714	.650	8.7	29.0	24.0	N E	S E	N E	120.00
28	.499	.474	.467	25.1	32.2	30.1	N E	N E	N E	94.12
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
..	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Remarks.—The highest reading of the Barometer was on the fourth day, and was 30.699 inches. The lowest was on the fifth day, and was 29.298, giving a monthly range of 1.401 inches.

The highest temperature was on the 15th day, when the thermometer indicated 38° 2. The lowest was on the fourth day, and was 8° 1 (below zero). The mean of the month was 16° 70, which is a trifle higher than the isotherm for Montreal.

Rain fell on one day, amounting to 0.922 inches. Snow fell on 13 days, amounting to 28.98 inches, which is 44.38 inches less than the snow fall of February, 1869.

—Meteorological Observations taken at Quebec, during month of February, 1870; Latitude 46° 48'30" North; Longitude 71° 12'15" West; Height above St. Lawrence 230 feet,—by Sergt. John Thurling, A. H. C., Quebec.

Barometer, highest reading on the 4th.....	30.481 inches.
“ lowest “ “ 25th.....	29.121
“ range of pressure.....	1.360
“ mean for month (reduced to 32°).....	29.604
Thermometer, highest reading on the 27th.....	44.0 degrees.
“ lowest “ “ 4th.....	-14.3
“ range in month.....	58.3
“ mean for month.....	16.0
Hygrometer, mean of dry bulb.....	16.1
“ “ wet bulb.....	14.4
“ “ dew point.....	1.4
“ elastic force of vapour.....	.046 inches.
“ vapour in a cubic foot of air.....	0.5 grains.
“ “ required to saturate do.....	0.6
“ mean degree of humidity (Sat. 100).....	51
“ average weight of a cubic foot of air.....	577.8 grains.
Cloud, mean amount of, (0-10).....	7.4
Ozone, “ “ (0-10).....	3.5
Wind, mean direction of “ North.....	4.25 days.
“ “ “ East.....	8.00
“ “ “ South.....	5.25
“ “ “ West.....	8.50
“ “ “ calm.....	2.00
“ “ daily horizontal movement.....	163.7 miles.
Rain fell on.....	3 days.
Snow fell on.....	16 do.

**ADVERTISEMENTS.**

**SITUATION WANTED.**

Mr. John Little, at present teacher of No. 1 School, Port Daniel, Gaspe, having a First Class Elementary School Diploma, desires a new engagement, in a Protestant School, to commence after June next.

**IMPORTANT TO TEACHERS.**

JUST PUBLISHED:

**THE DRAMATIC READER;**

A selection of pieces for practice in ELOCUTION; with introductory hints on Reading,—

**BY JOHN ANDREW,**

Instructor in Elocution at McGill College and Normal School, Montreal

**PRICE 75 CENTS.**

This Selection has been made with special reference to the practical acquirement of the Art of Elocution. The pieces are mostly new and unhackneyed, and are mainly extracted from the best English Dramatists, as being likely to interest and amuse pupils, while the attention and precision required in reading Dramatic Compositions cause them to be best adapted for practice.

DAWSON BROTHERS,  
Great St. James Street,  
Montreal.

LOVELL'S

**DOMINION AND PROVINCIAL DIRECTORIES,**

To be Published in October, 1870.

NOTICE.—Learning that my name has been unwarrantably used in connection with Directories now being canvassed in the Provinces, and entirely distinct from my works, and that in other cases it has been stated that my Directories have been abandoned, I would request those desiring to give a preference to my works to see that persons representing themselves as acting for me are furnished with satisfactory credentials.

JOHN LOVELL, Publisher.

Montreal, March 16, 1870.

**LOVELL'S DIRECTORIES.**

It is intended to make these DIRECTORIES the most complete and correct ever issued on this continent. They are not being prepared by correspondence, but by PERSONAL CANVASS, from door to door, of my own Agents, for the requisite information. I have now engaged on the work in the several Provinces Forty men and Twenty horses. These are engaged mainly on the towns and villages off the Railway and Steamboat Routes, important places on the lines being held till the completion of the former, to admit of correction to latest date.

I anticipate issuing, in October next, the CANADIAN DOMINION DIRECTORY, and SIX PROVINCIAL DIRECTORIES, which will prove a correct and full index to the DOMINION OF CANADA, NEWFOUNDLAND, and PRINCE EDWARD ISLAND, and a combined Gazetteer, Directory and Hand Book of the six Provinces.

**SUBSCRIPTION TO DOMINION DIRECTORY:**

Dominion of Canada Subscribers.....	\$12 Cy.
United States do.....	12 Gold.
Great Britain and Ireland do.....	£3 Stg.
France, Germany, &c. do.....	£3 Stg.

**SUBSCRIPTION TO PROVINCIAL DIRECTORIES.**

Province of Ontario Directory, 1870-71.....	\$4.00
Province of Quebec Directory, 1870-71.....	4.00
Province of Nova Scotia Directory, 1870-71.....	3.00
Province of New Brunswick Directory, 1870-71.....	3.00
Province of Newfoundland Directory, 1870-71.....	2.00
Province of Prince Edward Island Directory, 1870-71.....	2.00

No Money to be paid until each book is delivered.

Rates of ADVERTISING will be made known on application to

JOHN LOVELL, Publisher.

Montreal, March 16, 1870.