

**Wants.**

A Female Teacher, holding a First Class Elementary Diploma, wants a situation. Unexceptionable references given.  
Address [post paid] "Teacher,"  
St. Joseph de Wakefield, Ottawa County.

Wanted a Teacher (Male preferred) for the Protestant school at Lake Beauport. A liberal Salary will be given.

Address: GEORGE SMITH  
President School Commrs.,  
Lake Beauport, Quebec.

**THE JOURNAL OF EDUCATION.**

(FOR THE PROVINCE OF QUEBEC.)

The Journal of Education,—published under the direction of the Hon. the Minister of Public Instruction and Edited by H. H. MILES, Esq., LL. D., D. C. L., and P. DELANEY, Esq., of the Département,—offers an advantageous medium for advertising on matters appertaining exclusively to Education or the Arts and Sciences.

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All communications relating to the Journal to be addressed to the Editors.

**Meteorological Observations,**—From the Records of the Montreal Observatory, Lat 45° 31' N.; Long. 4h. 54m. 11 sec. West of Greenwich; height above the level of the sea, 182 feet, for the month of Oct., 1872. By CHARLES SMALLWOOD, M.D., LL.D., D.C.L.

DAYS.	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	29.936	29.917	29.875	51.4	63.0	53.5	W	W	W	299.74
2	.63	.722	.725	47.4	58.0	49.3	W	W	W	287.71
3	.74	.618	.700	45.2	62.0	50.1	W	W	W	90.71
4	.12	.941	30.071	45.8	58.8	51.5	NW	NW	NW	4.16
5	30.27	30.116	.000	43.6	66.2	57.3	W	S	S	187.74
6	29.999	29.947	29.920	56.0	76.2	61.7	S	S	W	77.17
7	.970	.880	.949	58.0	57.5	54.0	SW	NE	NE	87.12
8	30.059	30.000	30.060	50.2	54.4	48.5	NNE	NNE	N	78.74
9	.176	29.908	29.862	44.1	64.4	53.8	W	S	S	104.07
10	29.715	.814	.876	52.0	45.7	44.0	W	W	W	69.01
11	.989	30.032	30.100	37.9	46.5	39.1	NW	NW	W	81.17
12	30.148	.087	29.998	33.0	53.0	42.1	W	SW	W	104.12
13	29.846	29.782	.741	41.5	49.0	45.2	S	SE	SE	97.13
15	.420	.418	.453	36.5	41.6	42.0	NE	W	W	199.12
14	.657	.720	.710	38.0	42.1	39.5	W	W	W	87.29
16	.700	.826	30.201	39.0	41.8	39.0	S	W	NW	109.17
17	30.350	30.257	.026	33.0	52.9	48.1	NW	SE	SE	121.19
18	29.981	.012	30.050	48.9	50.4	45.0	W	W	W	81.13
19	30.033	.024	.042	40.7	43.2	38.2	NW	NE	N	189.10
20	.062	.054	.049	35.6	46.1	42.0	NNE	WSW	W	1.00
21	.050	29.998	29.976	38.7	60.1	50.2	W	S	S	84.16
22	.026	30.060	30.062	50.2	68.1	57.2	WSW	S	S	97.18
23	.300	.371	.474	47.1	55.2	46.0	W	NW	W	87.74
24	.600	.550	.501	36.8	59.2	45.0	NW	S	S	27.17
25	.401	.302	.244	36.5	56.3	47.0	S	S	S	84.13
26	.041	29.874	29.748	44.5	46.0	46.2	NE	NE	NE	282.27
27	29.691	.776	30.049	45.0	47.9	39.4	NE	NE	NE	204.31
28	30.316	.424	.546	32.2	56.1	38.0	NE	NE	NE	186.12
29	.600	.611	.620	32.1	56.2	39.7	NE	NE	NE	84.11
30	.568	30.000	29.950	33.5	56.4	42.0	NE	NE	NE	91.12
31	.253	.076	.975	35.2	48.5	44.0	NE	NE	NE	104.14

REMARKS.—The highest reading of the Barometer was at 11.15 p. m. of the 29th day, and was 30.62 inches; the lowest reading occurred at 4.49 p. m. of the 14th day, 29.890 in., giving a monthly range of 1.231 in. The atmospheric pressure for the month was 30.023 inches.—The high-

est Temperature was on the 6th day, and indicated 77°; the lowest was on the 29th day, and was 31° 1', giving a monthly range or climatic difference of 45° 9'. The mean Temperature of the month was 47° 48'. Rain fell on 17 d., amounting to 6.154 in., and was accompanied by thunder, lightning and hail on one day. Snow fell on 2 days in inappreciable quantity. Aurora Borealis was visible on 3 nights.

—Observations taken at Halifax, N. S. during the month of October, 1872; Lat. 44° 39' north; Long. 63° 36' west; height above the level of the Sea, 125 feet; by Sergt. John Thurling, A. H. C.

Barometer, highest reading in month on 30th	30.419 inches.
lowest " " 2nd	29.362
range of pressure	1.057
mean for month reduced to 32° 0'	29.857
Thermometer, highest in shade on the 8th	72.3 degrees.
lowest " " 31st	28.9
range in month	43.4
mean of all highest	60.3
mean of all lowest	38.7
mean daily range	21.6
mean for month	49.5
highest reading in sun's rays	127.9
lowest reading on grass	18.9
Hygrometer, mean of dry bulb	52.4
mean of wet bulb	48.5
mean dew point	44.6
elastic force of vapour	.295
weight of vapour in a cubic foot of air	3.3 grains.
weight required to saturate do	1.1
the figure of humidity	.75
average weight of a cubic foot of air	540.2 grains.
Wind, mean direction of North	2.0 days.
East	2.0
South	9.75
West	17.25
mean daily force	2.6
daily horizontal movement	252.6 miles.
Cloud, mean amount of (0-10)	5.6
Ozone, mean amount of (0-10)	2.8
Rain, number of days it fell	13
Amount collected on ground	4.72 inches.
Fog, number of days	6

—Observations taken out at Halifax, N. S. during the month of Nov., 1872; Lat. 44° 39' north; Long; 63° 36' west; height above the level of the Sea 135 feet, by Sergt. John Thurling, A. H. Corps.

Barometer, highest reading on the 18th	30.367 inches.
lowest " " 8th	28.947
range of pressure	1.420
mean for month (reduced to 32°)	29.735
Thermometer, highest in shade on the 15th	58.6 degrees.
lowest " " 18th	17.9
range in month	40.7
mean of all highest	46.7
mean of all lowest	28.7
mean daily range	17.3
mean for month	37.3
highest reading in sun's rays	107.0
lowest on the grass	7.4
Hygrometer, mean of dry bulb	39.8
mean of wet bulb	37.0
mean dew point	33.4
elastic force of vapour	.191
weight of vapour in a cubic foot of air	2.2 grains.
weight required to saturate do	0.6
the figure of humidity (Sat. 100)	.78
average weight of a cubic foot of air	551.6 grains.
Wind, mean direction of North	5.0 days.
East	2.75
South	7.75
West	14.5
daily force	2.2
daily horizontal movement	256.6 miles.
Cloud, mean amount of (0-10)	7.3
Ozone, mean amount of (0-10)	2.8
Rain, number of days it fell	8
Snow, number of days it fell	9
Amount of rain collected on ground	8.50 inches.
Fog, number of days	2