

Leybourne; After the Opera is Over; As Welcome as the Flowers in May, Clifton; Starry Night for a Ramble, Bagnall; Mother says I Mus'n't, Hunt; From the Dachsteins Height, German; Soft Gale of the Evening, German; On the Alma, German; A. Widowed Heart, Crompton; And all this for THIRTY-FIVE CENTS, or \$3.00 per Year;—Published and sold by Elias Howe, 103, Court St., Boston.

Preserving Charred Papers.

Mr. E. Hoskins, of Lowell, Massachusetts, has suggested a very useful and practical way of preserving and giving toughness and flexibility to charred paper, which has proved to be of much importance in the identification and copying of valuable documents, charred by conflagrations such as the recent Boston and Chicago (1) calamities. We have seen specimens of charred Papers and bank notes, thus treated, that can be handled with impunity. The printing upon the charred bank notes can be readily discerned. The preserving process consists, we believe, in pouring collodion upon the surface of the charred paper. The collodion forms a thin transparent film, dries in a few minutes, when the process is complete.—(*Scientific American*.)

(1) Might we not add Quebec? (*Eds. J. E.*)

Wanted,

By the School Commissioners of Shoolbred, County of Bonaventure, Two female Catholic Teachers, holding Elementary School Diplomas, and capable of teaching both English and French.—

WILLIAM GRAY,
Sec'y-Treas.

FLEURANT P. O.,
Co. of Bonaventure, Q.

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 that Department,—offers an advantageous medium for advertising on matters appertaining exclusively to Education or the Arts and Sciences.

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METEOROLOGY.

Observations from the Records of the Montreal Observatory, Lat. 45° 31' North; Long. 4h. 54m. 11 sec. West of Greenwich; Height above the level of the sea, 182 feet; for the month of January, 1873, By CHARLES SMALLWOOD, M. D., LL. D., D. C. L.

DAYS.	Barometer 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	30.277	30.275	30.321	6.3	18.5	20.0	W	W	W	97.61
2	.350	.251	.200	14.8	19.1	20.5	W	SW	NE	82.12
3	29.521	29.475	29.526	35.0	37.0	33.0	S	S	W	67.14
4	.621	.914	30.191	31.0	35.1	27.2	W	W	W	68.12
5	30.200	.876	29.464	24.2	25.0	28.5	NE	NE	NE	58.20
6	29.651	.974	30.276	20.0	19.1	4.2	W	W	W	191.00
7	30.401	30.201	.268	5.6	2.8	0.0	cal.	NE	NE	168.22
8	.102	29.911	29.800	1.0	13.5	23.6	cal.	NE	NE	86.34
9	29.698	.621	.775	22.0	23.7	12.1	W	W	W	104.16
10	.876	.887	.971	4.6	11.5	4.1	W	WSW	W	118.24
11	.956	.960	30.108	0.0	14.2	4.0	W	W	W	121.00
12	30.370	30.475	.475	1.6	14.4	1.0	NW	SW	SW	124.16
13	.252	.064	29.817	7.5	2.9	15.0	NE	NE	NE	83.00
14	29.861	.234	30.478	31.0	26.5	16.1	W	NE	N	131.71
15	30.623	.574	.396	4.5	9.6	20.1	N	NE	W	101.11
16	29.917	29.725	29.574	35.0	38.1	41.0	S	SW	SW	264.17
17	.721	.982	30.174	29.0	19.6	17.3	W	W	NE	216.07
18	30.200	.986	29.811	8.6	10.3	11.9	NE	NE	NE	201.70
19	29.702	.700	.801	12.5	16.2	12.1	W	W	W	282.54
20	.846	.850	.800	10.0	21.6	20.0	S	S	SW	114.35
21	.776	.776	.662	16.5	22.1	21.0	NE	NE	NE	74.41
22	.628	.748	.963	20.1	35.5	22.0	NE	NE	W	81.10
23	30.286	30.327	30.390	3.0	13.4	6.2	N	N	NE	64.43
24	.030	29.781	29.712	-1.0	8.5	-9.9	NE	NE	NE	70.21
25	29.721	.870	.996	-10.1	25.5	15.5	W	W	W	249.27
26	30.110	30.100	30.071	-8.5	19.6	17.1	W	W	W	124.18
27	29.926	29.761	29.800	14.8	19.1	14.6	SW	N	N	62.40
28	.822	.750	.849	-16.0	24.3	18.5	W	SW	W	67.17
29	30.250	30.206	30.161	-13.9	1.6	-7.0	W	W	W	89.14
30	.092	29.992	29.875	-9.7	5.6	-8.1	SW	SW	SW	92.11
31	29.964	30.026	30.027	15.5	27.7	20.6	W	W	W	101.12

REMARKS.—The highest reading of the Barometer was at 10 a. m. on 15th day, and was 30.626 inches; the lowest reading occurred at 1.00 a. m. on the 6th day, 29.362 inches, giving a monthly range of 1.264 inches, and the monthly mean of 29.984 inches.

The highest Temperature was on the 16th day, and indicated 41° 1; the lowest was on the 28th day, and was 16° 0 (below zero). The monthly mean was 14° 83, and the monthly range or climatic difference 56° 1.

Rain fell on 5 days amounting to 1.068 inches. Snow fell on 18 days, amounting to 41.00 inches on the surface.

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 Feb., 1873. By CHARLES SMALLWOOD M. D., LL. D., D. C. L.

DAYS.	Barometer 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	30.200	30.161	30.026	0.5	3.0	-1.5	NE	NE	N	121.15
2	.099	29.994	29.900	-9.8	11.9	11.5	W	W	W	280.48
3	29.898	.811	.700	6.5	18.2	22.0	W	SW	SW	179.84
4	.412	.250	.401	21.5	36.5	34.6	NE	WSW	W	109.20
5	30.000	30.075	30.100	14.2	26.0	20.1	N	SE	W	61.74
6	29.926	29.749	29.850	21.2	43.6	34.4	S	SW	W	74.16
7	.980	.798	.652	17.9	36.7	19.5	NE	NE	NE	149.74
8	.402	.384	.448	20.7	28.5	31.0	NE	W	W	117.12
9	.774	.860	30.076	10.3	14.0	6.8	W	W	W	116.11
10	30.249	30.173	.100	-4.0	13.4	2.0	NW	W	W	154.13
11	29.800	29.560	29.726	-1.4	3.0	8.1	NE	NE	NE	101.14
12	.978	30.070	30.132	8.5	19.6	4.6	NE	NE	N	69.10
13	30.221	.251	.301	-4.0	20.4	5.9	NE	NE	NE	76.17
14	.350	.314	.417	-4.5	15.9	8.1	NE	NE	NE	68.28
15	.500	.413	.400	-0.3	26.2	15.5	W	W	W	69.13
16	.178	.000	29.949	5.5	23.6	24.0	NE	NE	cal.	99.40
17	29.950	.076	30.251	16.6	38.5	28.2	NE	NE	W	107.38
18	30.320	.168	.068	19.1	26.0	28.6	NE	NE	NE	74.45
19	29.776	29.998	29.853	33.4	40.5	35.5	S	W	W	194.16
20	30.080	30.151	30.100	21.0	35.0	19.7	NE	NE	NE	133.09
21	29.736	29.377	29.312	12.9	14.3	20.4	NE	NE	NE	117.11
22	.366	.374	.421	10.4	24.6	14.1	W	W	W	231.44
23	.401	.350	.351	4.6	11.5	8.0	W	W	W	209.37
24	.300	.301	.462	-3.1	19.1	12.0	W	W	W	211.29
25	.473	.531	.700	20.9	28.5	26.2	W	W	W	116.41
26	.900	.986	30.056	25.0	40.3	30.6	W	NE	W	98.30
27	.900	.765	29.750	18.7	33.5	29.0	NE	NE	NE	110.38
28	.900	.981	30.060	28.6	38.6	35.0	NE	NE	NE	77.36

REMARKS.—The highest reading of the Barometer was at 10.40 a. m. of the 15th day, and was 30.5 inches; the lowest reading occurred at 2 a. m. of the 21st day, and was 29.310 inch., giving a monthly range of 1.196 inches. The mean atmospheric pressure for the month was 29.871 inches.

The highest Temperature was 44° 1; on the 6th day, and the lowest 10.3 (below zero) on the 2nd day. The mean temperature of the month was 18° 35, and the range or climatic difference 54° 4.

Rain fell on 2 days, amounting to 0.092 inches. Snow fell on 9 days, amounting to 16.61 inches.