

5.—MODEL SCHOOLS.

INSTITUTION.	No. of Pupils.	Grant for	
		1871.	1872.
		\$ cts.	\$ cts.
St. Andrew's School, Quebec.....		193 63	193 63
Colonial School, Sherbrooke.....	94	96 86	96 86
British Canadian School Society.....	185	421 78	421 78
National School, Quebec.....	160	213 99	213 99
Pointe St. Charles, Montreal.....	81	142 47	142 47
Colonial Church & School Society.....	976	384 80	384 80
Infant School L. T., Quebec.....	46	96 23	96 23
" " Up. T., " 		96 23	96 23
Berthier, (diss.).....	32	34 57	34 57
Bury.....	61	45 05	45 05
Coteau Landing.....	34	34 57	34 57
Durham.....	94	61 76	61 76
Lacolle, (diss.).....	171	45 05	45 05
Lachine (diss.).....	85	45 05	45 05
Leeds.....	68	45 05	45 05
Magog.....	70	45 05	45 05
Montreal, German School.....	44	34 57	34 57
St. Mathew, Pointe St. Charles.....	52	34 57	34 57
St. Etienne, Ottawa.....	92	45 05	45 05
Montréal, Protestant School, St. Ann Str..	450	45 05	45 05
Rawdon.....	44	45 05	45 05
St. Henri, Hochelaga.....	65	45 05	45 05
Chambly.....	29	34 57	34 57
Trois-Rivières.....	45	34 57	34 57
High School, Quebec.....	112	1285 00	1285 00
" " Montreal.....	345	1185 00	1185 00
Total.....		\$1790 62	\$1790 62

NEW APPLICANT.

MODEL SCHOOL.	No. of Pupils.	Grant for 1872.
		\$ cts.
Marbleton.....	39	50 00

Meteorology.

—OBSERVATIONS taken at the Montreal Observatory, Lat. 45° 31' North; Long. 4h. 54m. 17 sec. West of Greenwich; Height above the level of the sea, 182 feet;—for the month of June, 1873.—By CHARLES SMALLWOOD, M. D., LL. D., D. C. I.

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	30.150	30.018	29.998	52.5	70.3	64.7	W	W	
2	.320	.211	30.158	52.6	69.8	60.3	NE	SW	S	155.43
3	.275	.204	.100	52.2	70.3	62.5	NE	NE	N	157.29
4	29.751	29.522	29.500	52.0	62.1	59.5	S	S	NE	107.28
5	.600	.524	.578	56.5	69.1	63.0	NE	W	W	153.75
6	.681	.800	.753	59.0	67.3	63.0	W	W	N	85.32
7	.901	.989	30.120	57.1	69.2	60.0	NE	W	W	86.64
8	30.200	30.231	.250	57.6	71.8	68.1	NE	NE	NE	55.73
9	.224	.100	.000	56.5	76.1	70.5	NE	NE	NE	89.20
10	29.950	29.852	29.800	61.3	82.5	73.0	sb	W	S	99.85
11	.698	.816	.983	67.2	72.2	66.0	W	W	W	156.36
12	30.121	30.182	30.178	55.5	68.1	63.0	NW	W	W	75.39
13	.180	.167	.051	56.0	73.0	68.5	W	W	W	107.28
14	.046	29.912	29.899	60.9	74.1	67.0	S	S	S	116.67
15	29.911	.825	.795	62.5	75.0	69.2	S	SW	S	86.10
16	.800	.760	.698	66.0	74.4	68.4	W	W	W	189.43
17	.948	.980	.900	55.1	70.0	64.8	NW	W	W	123.39
18	.933	.725	.650	53.5	69.0	73.5	E	S	S	88.18
19	.675	.581	.500	58.8	68.9	64.8	NE	S	W	145.57
20	.501	.546	.686	65.6	70.0	61.8	W	W	W	158.27
21	.776	.790	.914	59.0	65.1	57.5	W	NW	N	75.83
22	30.040	30.081	30.136	55.2	64.0	61.1	NE	NE	NE	56.94
23	.200	.185	.125	56.7	73.2	69.4	S	S	S	72.38
24	.150	.168	.168	63.0	80.3	72.5	S	SE	SE	69.32
25	.326	.371	.372	65.9	80.9	77.1	N	NE	NE	61.44
26	.375	.256	.187	69.8	82.1	76.8	W	W	W	130.35
27	.951	29.917	29.832	67.2	81.9	77.0	W	W	W	232.24
28	29.776	.875	.880	72.5	79.1	73.0	W	NE	NE	65.28
29	.826	.776	.761	66.2	83.0	78.3	NE	W	W	85.23
30	.740	.724	.731	73.1	79.9	75.1	S	S	S	183.77

REMARKS.—The highest reading of the Barometer was at 5 a. m. of the 26th day, and was 30.376 inches; the lowest reading was on the 19th day, at 11.30 p. m. and was 29.420 inches. The monthly mean was 29.909 inches, and the monthly range 0.956.

The highest Temperature was on the 27th day, 85° 2', and the lowest on the 1st day, 48° giving a range or climatic difference of 37° 2'. The mean temperature of the month was 77° 01'.

Rain fell on 13 days, amounting to 3.912 inches, and was accompanied by thunder on 5 days and hail on one day.

—OBSERVATIONS taken at Halifax, N. S., during the month of June, 1873; Lat. 44° 39' North; Long. 63° 36' West; height above the Sea, 125 feet, by Sergt. John Thurling, A. H. Corps.

Barometer, highest reading on the 25th.....	30.268 inches
" lowest " 20th.....	29.406
" range of pressure.....	0.862
" mean for month (reduced to 32°).....	29.757
Thermometer, highest in shade on the 29th.....	83.3 degrees
" lowest " 4th.....	31.9
" range in month.....	51.4
" mean of all highest.....	68.9
" mean of all lowest.....	42.2
" mean daily range.....	26.7
" mean for month.....	55.5
" highest reading in sun's rays.....	Instrument broken
" lowest reading on the grass.....	25.2 degrees.
Hygrometer, mean of dry bulb.....	59.4
" mean of wet bulb.....	54.2
" mean dew point.....	49.6
" elastic force of vapour.....	.356
" weight of vapour in a cubic foot of air.....	4.0 grains.
" weight required to saturate do.....	1.6
" the figure of humidity (Sat: 100).....	70
" average weight of a cubic foot of air.....	530.6
Wind, mean direction of North.....	9.75 days.
" " East.....	2.25
" " South.....	7.25
" " West.....	10.75
" daily force.....	2.5
" daily horizontal movement.....	270.3 miles.
Cloud, mean amount of 0-10.....	6.2
Ozone, mean amount of 0-10.....	3.0
Rain, No. of days it fell.....	15
Amount collected on ground.....	3.34 inches.
Fog, No. of days.....	4 days.
Aurora Borealis, number of nights.....	2