

in much closer proximity. A remarkable instance of this occurred at Stayner in April, when at Collingwood and Bramley, distant nine and twenty-nine miles, the fall was about one-fourth. The disparity seems to have been due to the rain of two consecutive days, in which, according to the circumstantial description, the distribution was very unequal.

The following Tables (VIII. and IX.) have reference to Toronto only:—

TABLE VIII.

Shewing for Toronto the differences of certain quantities in excess or in defect from the corresponding averages derived from a series of years:—

	1869.							1870.					Year.
	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	
Barometer	+0.12	-0.31	+0.42	+0.102	-0.78	-0.63	+0.70	-0.18	-0.97	-0.43	+0.13	-0.26	-0.22
Depth of Rain in inches.	+1.63	+1.26	+1.30	+0.35	-1.51	-0.55	+0.97	+2.25	-0.42	-0.85	-0.27	-2.21	+1.95
Days of Rain.	+10.6	+2.6	+0.2	-3.3	-4.5	-1.2	+4.4	+3.6	-2.1	-4.3	-0.8	-2.1	+3.1
Depth of snow in inches.	.....	.....	.....	.....	+1.4	+7.2	-7.3	+5.5	+1.0	+52.1	-2.4	-0.1	+57.4
Days of Snow..	.....	.....	.....	.....	+5.2	+11.6	-4.4	+4.5	+5.7	+8.3	-1.7	-0.4	+28.8
Velocity of wind in miles	+0.1	+0.1	-0.1	-0.6	+0.7	+0.6	-0.1	+0.8	-0.5	+1.4	-1.1	-1.3	0.0
Sky cloud-ed--whole sky--100..	+15	+18	+5	-2	-1	+7	+9	+5	-1	+6	-4	+6	+5

TABLE IX.

Shewing the number of times when Auroras were seen, or that Thunder, Lightning, or Hail occurred at Toronto, with the average numbers from a series of 17 years:—

## Auroras.

	1869.							1870.					Year.
	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	April.	May.	
Number..	3	1	4	9	3	1	0	4	1	6	11	7	50
Average...	3	4	5	6	5	2	2	2	3	6	5	5	48

## Thunder.

Number..	4	11	5	3	1	0	0	0	0	0	2	2	28
Average...	6	7	5	3	1	0	0	0	0	1	2	4	29

## Lightning.

Number..	5	13	8	3	1	0	0	0	0	0	2	1	33
Average...	6	9	8	5	2	0	0	0	0	1	2	3	36

## Hail.

Number..	0	0	0	0	1	0	0	0	0	0	0	0	1
Average...	0	0	0	0	1	0	0	0	0	1	1	1	4

NOTE.—The asterisk (\*) in any of the tables of this article shows that the number cannot be given for want of materials. The Ontario Grammar Schools are indicated by †.