

	Miles.		Miles.		Miles.
January	4699.50	May	3156.62	September	3988.14
February	4237.30	June	2905.36	October	4955.57
March	4376.10	July	3237.98	November	5826.76
April	4150.72	August	3024.21	December	3642.26

October was the most windy month and June was the calmest. The greatest velocity observed during the year was 28.10 miles per hour.

The greatest Intensity of the Sun's Rays was $110^{\circ} 6$ degrees; and *the lowest point of Terrestrial Radiation*— $27^{\circ} 4$ below zero.

Clouds.—There were 62 Cloudless days. The most prevailing clouds were the *Cumulo Stratus*.

Dew.—The amount of Dew was somewhat below the usual average amount.

The Aurora Borealis was visible at observation hour on 43 nights. A bright display occurred on the 19th July.

The Zodiacal Light was bright in the early part of the year, but Venus prevented a distinct view at an early hour of the evening.

Lunar Haloes were seen on 5 nights.

Parhelia and Solar Haloes seen on 7 days.

A very distinct and well defined *Lunar Rainbow* was visible at 11 P. M. on the 25th day of August.

Observations on the *Solar Spots* have formed a part of the records during the year.

Ozone.—The results of the past year have been obtained by means of an ozonecometer of fine calico steeped in the Starch and Iodine solution, which has been proved in many respects preferable to paper, which may be attributed to the more absorbent powers of the cotton fibre. Observations have also been continued by keeping a strip of the prepared calico constantly moving by clock-work over a slit of 1 inch in length, shewing the hourly amount of Ozone, which has furnished very interesting results, compared with the *maximum* and *minimum* variations in the humidity and pressure of the atmosphere. The effects of the coloured rays of light upon the amount have also been continued, as also the effects of vegetation on its development.

Atmospheric Electricity.—The tri-daily observations were still continued by the large apparatus until the 24th November when it was blown down during the gale of that day. Since then Romerhausen's apparatus has supplied its place, but the observations are by far too extended for a short notice.

The Comet of June was observed on several nights.

The transits of Venus and Jupiter by the Moon were visible in April.

The Eclipse of the Sun of the 17th July took place under very favorable circumstances and furnished several interesting phenomena.

Two smart and distinct shocks of an Earthquake were felt here at 5.55 A. M. on the morning of the 17th October, the wave passing from the East to Westward. The sound wave was distinct from the earth wave, and was felt generally in Eastern Canada.

Crows, (*corvus corona*) first seen, 1st March. The Song Sparrow, (*Fringilla Melodia*) 1st heard, 10th March. Wild geese (*Anser Canadensis*) 1st seen flying west, 27th March. Swallows, (*Hirundo rufa*) 1st seen, 24th April.