

REMARKS ON THE METEOROLOGICAL RESULTS AT TORONTO FOR THE YEAR 1888.

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TEMPERATURE.

The year 1888 presented with respect to its temperature several well marked features, the mean of the year was $42^{\circ}.70$, differing from the average of forty-eight years (1840 to 1887) to the extent of $1^{\circ}.41$ in defect. From January to October was a series of defects in the monthly averages only broken by a warm June, the two concluding months being warmer than their averages, the deviation of each month from their normals being:—January— $7^{\circ}.38$, February— $0^{\circ}.64$, March— $6^{\circ}.33$, April— $1^{\circ}.94$, May— $1^{\circ}.56$, June— $2^{\circ}.46$, July— $1^{\circ}.49$, August— $0^{\circ}.39$, September— $1^{\circ}.94$, October— $2^{\circ}.98$, November— $1^{\circ}.43$, December— $3^{\circ}.83$. The average deviation without regard to sign being $2^{\circ}.70$.

The coldest month absolutely was January, with a mean temperature of $14^{\circ}.98$; it was also the coldest relatively to the standard of Toronto. It was the coldest January out of 49 years with the single exception of that of 1857, the average of which was $12^{\circ}.75$. It is worthy of remark that all the Januaries since that of 1882 have been colder than the average, though not to such an extent as 1888.

The warmest month was, as usual, July, although it was $1^{\circ}.49$ below the average. June was relatively the warmest, it being $2^{\circ}.46$ above the proper average.

The warmest day was the 22nd of June, with a temperature of $78^{\circ}.85$. In 1887 it was the 16th July; average $82^{\circ}.17$.

The coldest day was the 9th of February, with a temperature of $7^{\circ}.08$ below zero.

The highest temperature of the year was $92^{\circ}.0$, which occurred on the 22nd of June. The lowest temperature of the year was $16^{\circ}.1$ below zero on the 9th of February. The annual range derived from the extremes was therefore $108^{\circ}.1$.

There were 74 instances in which the temperature at the hour of observation was depressed 20° below the normal for that hour, and only 12 instances when there was an equal deviation in excess.

During the year there was 157 days above their proper normals, and 209 days below.

BARMOMETER.

The mean pressure of the year was 29.645 inches, the difference from the average being .027 inches in excess; the highest reading was 30.432 inches at 4 p.m. on the 16th January, and the lowest 28.793 inches at 8 a.m. of the 21st March, giving a range of pressure of 1.639 inches, the month which showed the greatest deviation of the mean from the normal was April, 0.138 inches in excess. May showing the least, 0.002, also in excess.