

4. ABSTRACT OF MONTHLY METEOROLOGICAL RESULTS, compiled from the Returns of the daily observations at seven Stations for August, 1866.

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Table with columns for Station, Elevation, Barometer at temperature of 32° Fahrenheit, Monthly Means, Range, Monthly Means, Range, Monthly Means, Daily Range, High-Est., Lowest, Warm-Est Day, and Monthly Means. Rows include Barrie, Belleville, Hamilton, Pembroke, Peterborough, Stratford, and Windsor.

On Lake Simcoe. † On Lake Ontario. § On Lake Ontario. ¶ On the Detroit River. \*\* Approximation. \* On Lake Simcoe.

Table with columns for Station, Humidity of Air, Surface Current, Motion of Clouds, Rain, and Aurores. Rows include Barrie, Belleville, Hamilton, Pembroke, Peterborough, Stratford, and Windsor.

Velocity is estimated, 0 denoting calm or light air; 10 denoting very heavy hurricane. c 10 denotes that the sky is covered with clouds; 0 denotes that the sky is quite clear of clouds.

R E M A R K S.

Observers are particularly requested to watch and report upon the Meteoric Shower on the night of the 13th or 14th November. Barrie.—On 4th, meteors accompanying aurora. On 6th, lightning, Rain every day except 5th, 6th, 7th, 8th, 10th, 11th, 15th, 16th, 20th, 25th. Barometer very steady. Observation omitted at 9 p.m. on 25th. BELLEVILLE.—On 29th, dense fog in morning, lasting some hours, and clearing off about 8 a.m. Rain on 1st, 3rd, 4th, 6th, 8th, 9th, 12th, 13th, 14th, 18th, 19th, 22nd, 24th, 27th, 30th. HAMILTON.—On 12th, 13th, and morning of 14th, dense fog for about 60 hours; clouds began to break up about noon on 14th. On 13th, sunflowers in bloom. (Gales of wind on 1st, 2nd, 6th, 27th. On 23rd, hail at 6 p.m. for a few minutes. 24th, at 10.30 a.m., hail or very fine snow for a few minutes. 21st, dense fog. Rain on 1st, 2nd, 3rd, 8th, 12th, 13th, 19th, 21st, 23rd, 26th, 30th, 31st. It is feared that maize, potatoes, plums, apples and grapes, will not ripen well. PEMBERKE.—On 14th, fog; lightning, thunder and rain. 16th, frost. There was frost two miles from Pembroke on the morning of 16th, 16th, and 17th; that of the 17th injured the crops, and was so severe twenty miles up the Ottawa that a considerable crust was formed on the ground. TWILIGHT: falling stars. 16th, falling stars. 19th, lightning. 20th, ob-