

## EARTHQUAKE OF APRIL 28, 1913.

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On the evening of Monday, April 28, 1913, at about 7.30 p.m. an earthquake shock was felt by probably most people in Ottawa. It was interpreted by most that felt it as an earthquake. While some were alarmed others were quite indifferent to the small disturbance. In some instances windows rattled as well as dishes on the supper table. As for the direction in which the movement took place the opinions differed nearly as widely as the points of the compass itself; similarly the duration was estimated from 3 to 20 seconds. As for sound accompanying the quake, the comparison was generally made as resembling that of a heavy waggon or dray drawn along the street, and the motion more or less undulating. No damage of any description, such as cracking of plaster, or loose brick falling from chimneys, was done.

As the papers of the following day brought despatches that the quake had been felt as far as 70 to 100 miles away, numerous printed forms for such an occasion were sent to postmasters to answer and return, with the object of determining the epicentral region. Fully 100 replies were received, and of those which said that it had been felt, there was considerable uniformity in them, particularly to the answer: What effect? The almost universal answer was, windows rattled. However, from Iroquois and Morrisburg, both situate on the north shore of the St. Lawrence, it was stated that chimneys had fallen. In consequence, the writer visited both places, and the following are the notes taken at the time:

May 9, 1913. Took train to Prescott, distant 52 miles on the St. Lawrence, at 7.30 a. m. and from there drove along the river road 15 miles through Johnstown and Cardinal to Iroquois, where I was for  $1\frac{1}{2}$  hours, returning to Prescott by train.

Shortly after leaving Prescott I noticed rock exposure, presumably limestone, in horizontal layers. The blacksmith at Johnstown I questioned. He felt the quake very distinctly, being outside at the time on the grass. He said he felt as if standing on boards that gave. His wife was in the house, and felt the floor shake and move, and stove-lids rattled. He said that there was no rock at the house, while a few hundred feet to the west it disappears.