

seventh, tenth, and fourteenth B. C., of our era, were times of comparative repose.

DATES OF ELEVEN OF THE MOST RECENT EARTHQUAKES FELT
AT MONTREAL.

1855, Feb. 8th and 19th.
1856, June 1st.
1857, Oct. 16th.
1858, Jany. 15th, May 10th, and June 27th.
1860, Oct. 17th.
1864, April 20th.
1870, March 4th, Oct. 20th.

Eighty-seven earthquakes have been recorded as having been felt in Eastern America. Of these twenty-nine, at least, were felt in Canada ; that of February 5th, 1663, being by far the most violent. The next in importance was that of April 20, 1864.

Will somebody kindly predict for us the next one ?

CONNECTION OF MOON'S PHASES WITH EARTH-
QUAKES.

With regard to the phases of the moon's motions, M. Perrey found that in four years, 1844 to 1847 inclusive, the number of earthquakes near new and full moon exceeded the number at the quarters very nearly in the proportion of six to five. In a number of exceedingly elaborate calculations, M. Perrey endeavoured to show that, however the figures were handled, they always presented the same general conclusion ; but there are not as yet sufficient facts to justify more than an allusion to this curious speculation. It does, however, appear to be an inevitable deduction from the evidence, not only that earthquakes occur more frequently at the periods of new and full moon, but that their frequency increases at the time when the moon is nearest the earth, and diminishes when it is most distant ; and, moreover, that earthquake shocks are more frequent when the moon is near the meridian, than when she is 90° away from it.

Tabulating, next, the various shocks in the months in which they respectively occurred, (regarding each group or succession of small shocks connected together as one earthquake,) and afterwards collecting the months with seasons, we find the following to represent the state of the case when all the observations made in the northern hemisphere are arranged so as to show the numbers during the cold and warm seasons respectively. It will be understood that this table includes the whole number of earthquakes recorded, whenever the record gives sufficiently accurate data :—

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