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Inland earthquakes induced after the 2011 off the Pacific coast of Tohoku Earthquake

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The 2011 off the Pacific coast of Tohoku Earthquake at 14:46 on 11 March 2011 was so gigantic event of Mw 9.0, having induced many inland earthquakes away from the focal area just after the mega-earthquake. The inland earthquake locations were widely spread, and large events over M_{JMA} 6.0 occurred at least Nagano-Niigata prefecture boundary on 12 March, the East Shizuoka prefecture on 15 March, the North Ibaraki prefecture on 19 March, and the East Fukushima prefecture on 23 March, 11 April, and 12 April. Here we introduce each feature of the induced earthquakes.

Keywords: the 2011 off the Pacific coast of Tohoku Earthquake, induced earthquake, inland earthquake