

The Earthquake-making Event of Meteorological Research Institute

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The Otenki-Fair at Tsukuba has been conducted in every August by Meteorological Research Institute, Aerological Observatory, and Meteorological Instrument Center. The Earthquake-making Event is one of the exhibitions in the Otenki-Fair. Participants jump on the floor 1 m away from a seismometer, then calculated magnitude will be displayed on the screen of a PC. The magnitudes usually range from -4 to -6. This event is popular with children.

The software for the Earthquake-making Event worked on a PC9801 computer by a program written in N88BASIC. Because a long time has passed since the cessation of production of PC9801, this event faced possible discontinuance due to hardware trouble. Therefore we transplanted the program into VisualBasic to continue the event with current Windows machines. At the poster meeting place, we will demonstrate the event.

Keywords: event, earthquake, magnitude