

Overview of the Off the Pacific Coast of Tohoku Earthquake

1. Time of the earthquake Around 2:46 p.m. on March 11, 2011

2. Scale / hypocenter

(1) Hypocenter: Off the Sanriku Coast (38.1N 142.9E)
At the depth of approx. 24 kilometers (interim value)

(2) Scale : Magnitude of 9.0
(The largest earthquake recorded in Japan since the nation began
conducting seismic observation in the Meiji period)

3. Tsunami

- Tsunami of 7.3 meters recorded at 3:50 p.m. at Soma Port, Fukushima Prefecture
- Tsunami of 4.2 meters recorded at 4:52 p.m. at Oarai Port, Ibaraki Prefecture
- Tsunami of 4.1 meters recorded at 3:21 p.m. at Kamaishi Port, Iwate Prefecture
- Tsunami of over 4 meters recorded at 3:21 p.m. at Miyako Port, Iwate Prefecture

4. Seismic Intensity

- Extremely violent seismic motions measuring 7 (maximum value) on the Japanese intensity scale were observed in Kurihara City, Miyagi Prefecture.
- Violent seismic motions measuring 6+ on the Japanese intensity scale were observed in the southern Tohoku and northern Kanto regions, including Sendai City's Miyagino Ward, Osaki City and Shiogawa City (Miyagi Prefecture); Sukagawa City and Shirakawa City (Fukushima Prefecture); Utsunomiya City (Tochigi Prefecture); and Hitachi City and Hokota City (Ibaraki Prefecture).
- Seismic motions measuring 6- on the Japanese intensity scale were observed in Ofunato City and Hanamaki City (Iwate Prefecture); Sendai City's Aoba Ward and Ishinomaki City (Miyagi Prefecture); Koriyama City and Iwaki City (Fukushima Prefecture); Hitachinaka City and Tsuchiura City (Ibaraki Prefecture); Nasushiobara City (Tochigi Prefecture); Kiryu City (Gunma Prefecture); Miyashiro Town (Saitama Prefecture); Narita City (Chiba Prefecture) and others.
- Strong seismic motions measuring up to 5+ on the Japanese intensity scale were observed in wide areas from Hokkaido to Kyushu.

5. Miscellaneous (aftershocks, etc.)

- This earthquake was followed by a series of large aftershocks along the Pacific coast of the Honshu main island, measuring the magnitude of around 7 (maximum value).
- In the earthquake that occurred off the coast of Ibaraki Prefecture at 3:15 p.m. measuring the magnitude of 7.4, violent seismic motions measuring 6- on the Japanese intensity scale were observed in Hokota city, Ibaraki Prefecture.

End