



Earthquake Hazards Program

Magnitude 9.0 - NEAR THE EAST COAST OF HONSHU, JAPAN

2011 March 11 05:46:23 UTC

Details	Summary	Maps	Scientific & Technical	Tsunami	Additional Info
---------	---------	------	------------------------	---------	-----------------

Earthquake Details

This event has been reviewed by a seismologist.

Magnitude 9.0

Date-Time Friday, March 11, 2011 at 05:46:23 UTC
Friday, March 11, 2011 at 02:46:23 PM at epicenter
[Time of Earthquake in other Time Zones](#)

Location 38.322°N, 142.369°E

Depth 32 km (19.9 miles) set by location program

Region NEAR THE EAST COAST OF HONSHU, JAPAN

Distances 129 km (80 miles) E of **Sendai, Honshu, Japan**
177 km (109 miles) E of **Yamagata, Honshu, Japan**
177 km (109 miles) ENE of **Fukushima, Honshu, Japan**
373 km (231 miles) NE of **TOKYO, Japan**

Location Uncertainty horizontal +/- 13.5 km (8.4 miles); depth fixed by location program

Parameters NST=350, Nph=351, Dmin=416.3 km, Rmss=1.46 sec, Gp= 29°,
M-type=centroid moment magnitude (Mw), Version=A

Source USGS NEIC (WDSCS-D)

Event ID usc0001xgp

Press Release:
[USGS Updates Magnitude of Japan's 2011 Tohoku Earthquake to 9.0](#)
Mon, 14 Mar 2011 17:35:00 EDT
[Did you feel it?](#) Report shaking and damage at your location. You can also view a map displaying accumulated data from your report and others.

Preliminary Earthquake Report

[U.S. Geological Survey, National Earthquake Information Center:](#)

[World Data Center](#) for Seismology, Denver

Share this page: [Facebook](#) [Twitter](#) [Google](#) [Email](#)