

**Earthquake Hazards Program****Magnitude 8.9 - 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 is a computer-generated message -- this event has not yet been reviewed by a seismologist.

Magnitude 8.9**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** 24.4 km (15.2 miles) set by location program**Region** NEAR THE EAST COAST OF HONSHU, JAPAN**Distances**
130 km (80 miles) E of **Sendai, Honshu, Japan**
178 km (110 miles) E of **Yamagata, Honshu, Japan**
178 km (110 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="moment" magnitude from initial P wave (tsuboi method) (Mi/Mwp), Version=A**Source** USGS NEIC (WDCS-D)**Event ID** usc0001xgp

[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, DenverShare this page: [Facebook](#) [Twitter](#) [Google](#) [StumbleUpon](#) [Delicious](#) [Digg](#) [Email](#)