

M 5.7, OFF THE EAST COAST OF HONSHU, JAPAN

Origin Time: Thu 2015-06-11 04:51:24 UTC (14:51:24 local)

Location: 39.61°N 143.35°E Depth: 5 km

Created: 6 weeks, 3 days after earthquake

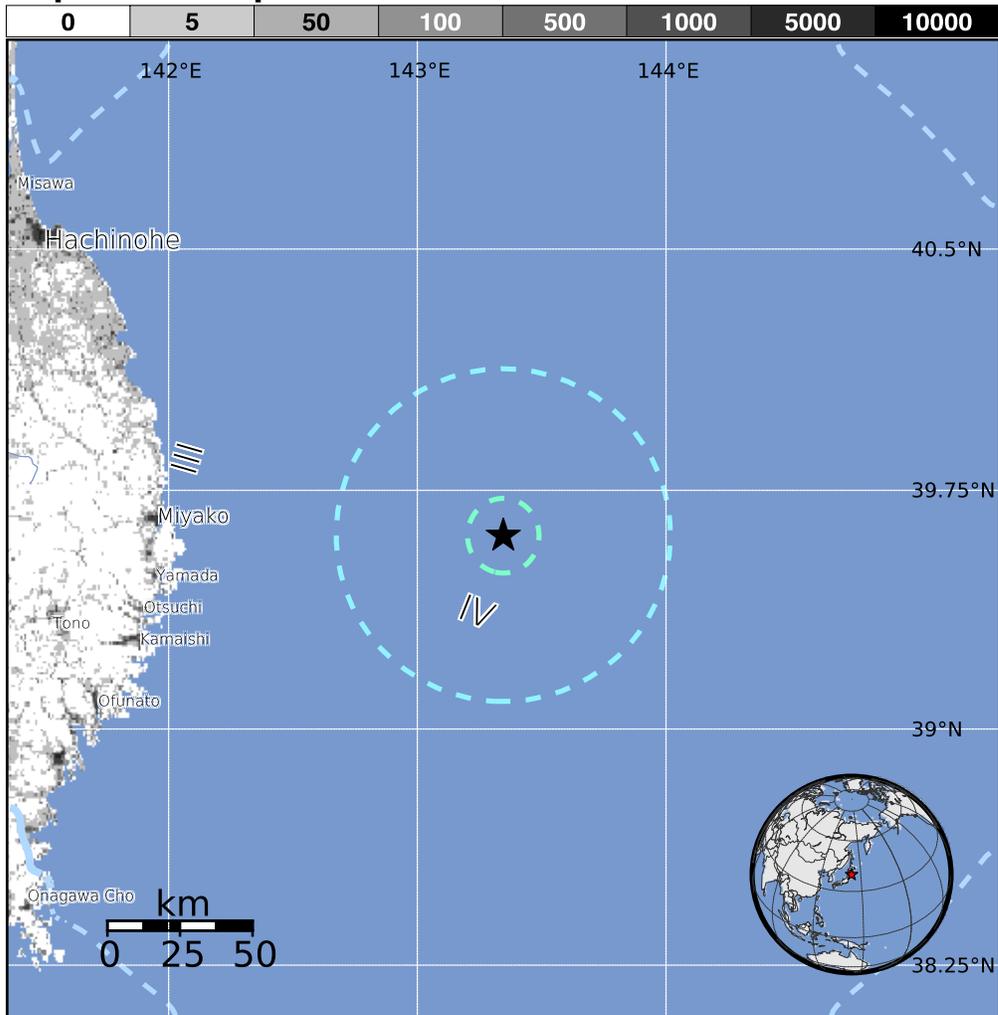


Estimated Population Exposed to Earthquake Shaking

| | | | | | | | | | | |
|---|-----------------------|----------|--------|-------|----------|----------|----------------|----------------|----------|----------|
| ESTIMATED POPULATION EXPOSURE (k = x1000) | | --* | 762k | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| ESTIMATED MODIFIED MERCALLI INTENSITY | | I | II-III | IV | V | VI | VII | VIII | IX | X+ |
| PERCEIVED SHAKING | | Not felt | Weak | Light | Moderate | Strong | Very Strong | Severe | Violent | Extreme |
| POTENTIAL DAMAGE | Resistant Structures | none | none | none | V. Light | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy |
| | Vulnerable Structures | none | none | none | Light | Moderate | Moderate/Heavy | Heavy | V. Heavy | V. Heavy |

*Estimated exposure only includes population within the map area.

Population Exposure



Structures:

Overall, the population in this region resides in structures that are resistant to earthquake shaking, though some vulnerable structures exist.

Historical Earthquakes (with MMI levels):

| Date (UTC) | Dist. (km) | Mag. | Max MMI(#) | Shaking Deaths |
|------------|------------|------|------------|----------------|
| 1981-01-22 | 156 | 6.4 | V(203k) | 0 |
| 1994-12-28 | 102 | 7.7 | VII(132k) | 3 |
| 1983-05-26 | 372 | 7.7 | VII(174k) | 104 |

Recent earthquakes in this area have caused secondary hazards such as landslides and fires that might have contributed to losses.

Selected City Exposure

from GeoNames.org

| MMI | City | Population |
|-----|-------------|------------|
| III | Miyako | 52k |
| III | Kamaishi | 43k |
| III | Yamada | 20k |
| III | Uchimaru | < 1k |
| III | Hachinohe | 239k |
| III | Misawa | 43k |
| III | Tono | 27k |
| III | Otsuchi | 16k |
| III | Ofunato | 35k |
| II | Onagawa Cho | < 1k |

bold cities appear on map

(k = x1000)

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

<http://earthquake.usgs.gov/pager>

Event ID: us20002nwm