

M 7.1, IZU ISLANDS, JAPAN REGION

Origin Time: Sun 2009-08-09 10:55:56 UTC
 Location: 33.14°N 138.04°E Depth: 303 km

PAGER Version 1

Created: 23 mins, 33 secs after earthquake

Estimated Population Exposed to Earthquake Shaking

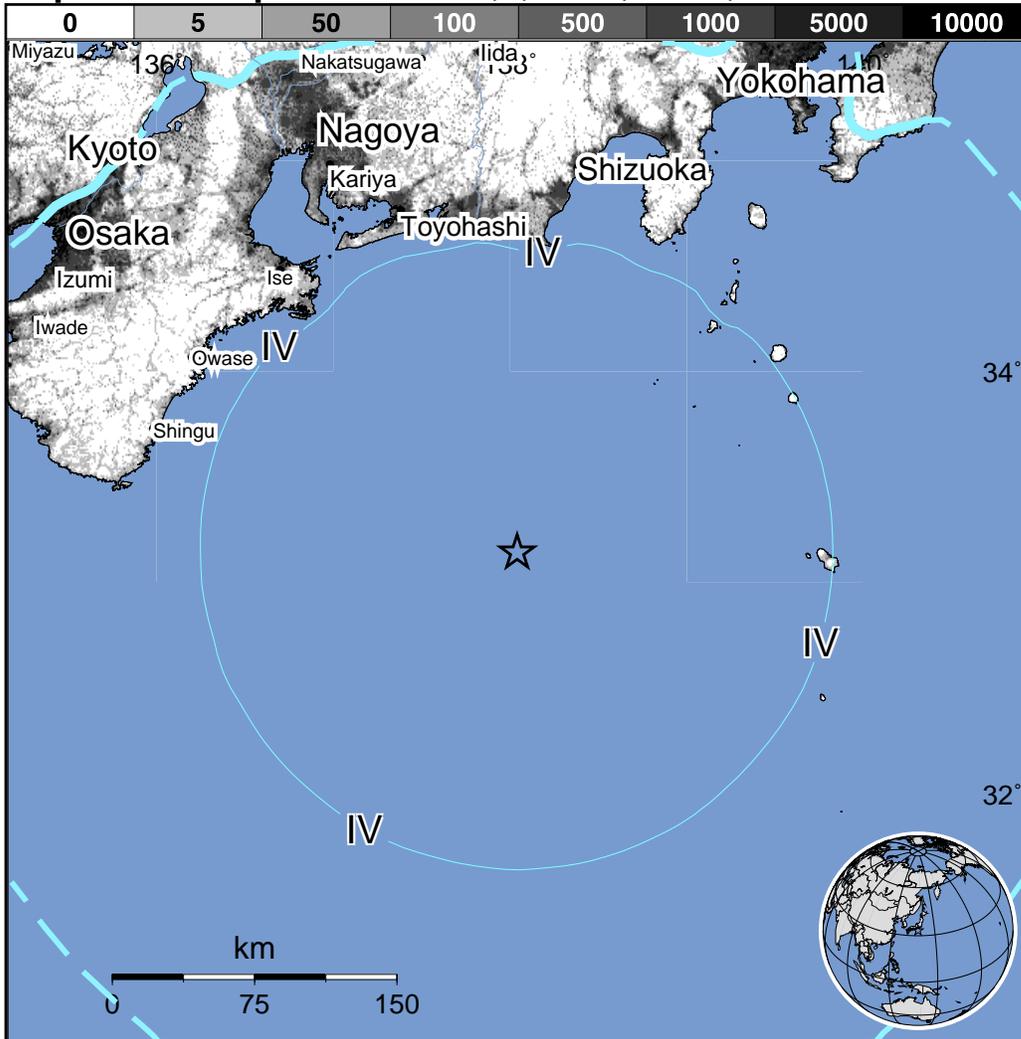
ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	2,490k*	40,403k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	none	none	none	V. Light	Light	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

population per ~1 sq. km from Landsat 2006

Selected City Exposure

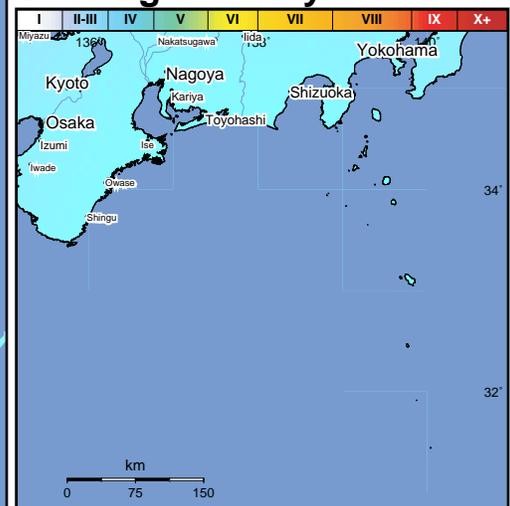


MMI City	Population
IV Oyama	21k
IV Iwata	88k
IV Hamamatsu	605k
IV Tahara	38k
IV Ise	97k
IV Toyohashi	378k
IV Hamakita	86k
IV Nagoya	2,191k
IV Osaka	2,592k
IV Yokohama	3,574k
III Kobe	1,528k

bold cities appear on map (k = x1000)

Shaking Intensity

MMI



Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction. A magnitude 6.9 earthquake occurred near the Kobe, Japan, region 321 km northwest of the location of this earthquake on January 16, 1995 (UTC), with estimated population exposures of 1,740,000 at intensity IX or greater and 3,176,000 at intensity VIII, resulting in an estimated 6,432 fatalities. Recent earthquakes in this area have caused, tsunamis, landslides and fires that may have contributed to losses.

This information was automatically generated and has not been reviewed by a seismologist.