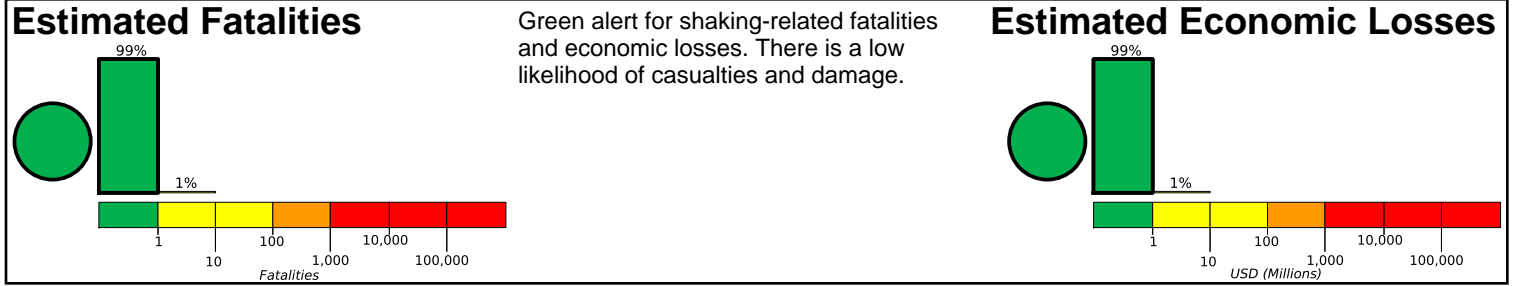


# M 6.6, OFF THE COAST OF NORTHERN CALIFORNIA

Origin Time: Thu 2016-12-08 14:49:45 UTC (14:49:45 local)

Location: 40.45°N 126.19°W Depth: 8 km

Created: 6 weeks, 0 days after earthquake

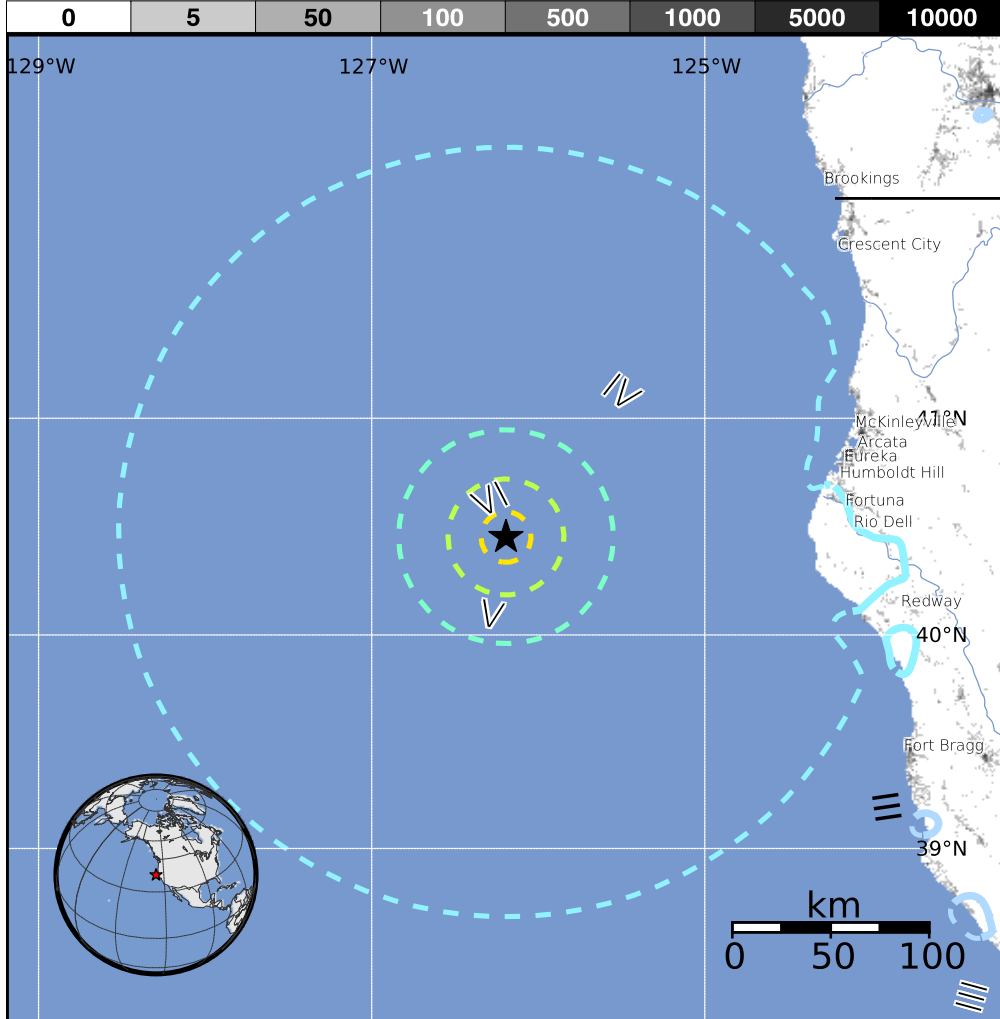


## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	322k*	24k	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 highly resistant to earthquake shaking, though some vulnerable structures exist.

### Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1991-07-13	191	6.8	V(51k)	0
1980-11-08	167	7.3	IX(16k)	0
1993-09-21	397	6.0	VIII(24)	1

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

## Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Ferndale	1k
IV	<b>Fortuna</b>	12k
III	Rio Dell	3k
III	<b>Eureka</b>	27k
III	<b>Redway</b>	1k
III	Pine Hills	3k
III	Bayside	17k
III	<b>Arcata</b>	17k
III	Grants Pass	35k
III	<b>McKinleyville</b>	15k
III	Ukiah	16k

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/earthquakes/eventpage/us20007z6r>

Event ID: us20007z6r