

M 4.4, 4.1 km (2.5 mi) N of Fontana, CA

Origin Time: Wed 2014-01-15 09:35:18 UTC (01:35:18 local)

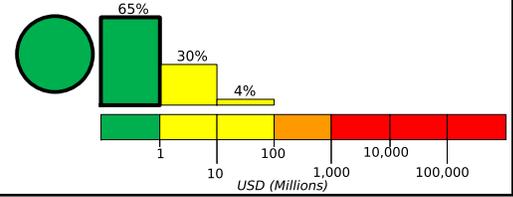
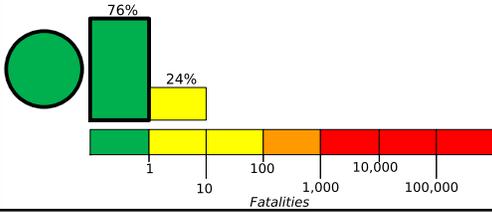
Location: 34.14°N 117.44°W Depth: 3 km

Created: 2 days, 6 hours after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

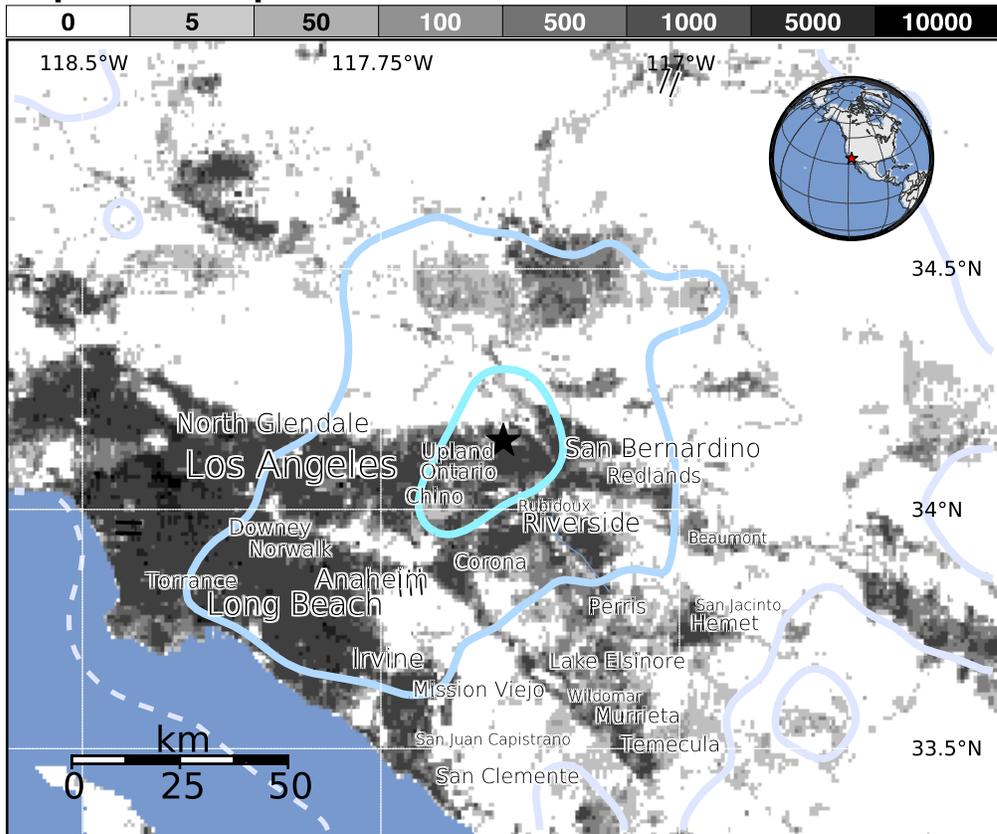


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		80k*	16,769k	858k	63k	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
1984-11-26	369	5.1	V(17k)	0
2003-12-22	369	6.6	VII(213)	2
1994-01-17	104	6.7	IX(181k)	33

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	Fontana	196k
IV	Rialto	99k
IV	Muscoy	11k
IV	Bloomington	24k
IV	Rancho Cucamonga	165k
IV	Mira Loma	22k
III	Riverside	304k
III	Anaheim	336k
III	Santa Ana	325k
III	Long Beach	462k
II	Los Angeles	3,793k

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: ci11413954