

**M 4.4, 27.4 km (17.1 mi) ENE of Greenfield, CA**

Origin Time: Tue 2015-01-20 13:21:37 UTC (05:21:37 local)

Location: 36.43°N 120.97°W Depth: 9 km

Created: 53 weeks, 1 day after earthquake

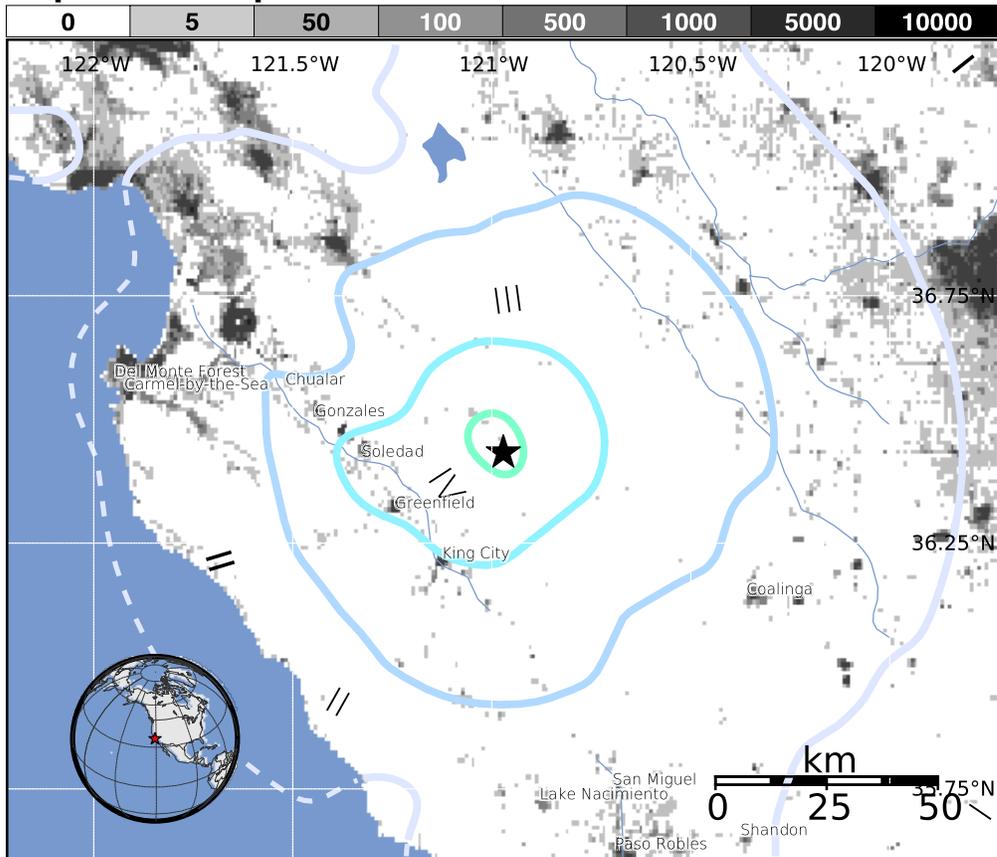


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		944k*	1,009k	49k	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
1984-11-26	219	5.1	V(17k)	0
2003-12-22	91	6.6	VII(213)	2
1989-10-18	103	6.9	IX(3k)	62

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	Soledad	26k
IV	Greenfield	16k
IV	King City	13k
III	Gonzales	8k
III	Seaside	33k
III	Chualar	1k
II	Salinas	150k
II	Watsonville	51k
II	Santa Cruz	60k
II	Madera	61k
I	Fresno	495k

bold cities appear on map

(k = x1000)