

**M 4.4, 41.0 km (25.5 mi) SSW of South Dos Palos, CA**

Origin Time: Sun 2014-09-28 20:45:13 UTC (13:45:13 local)

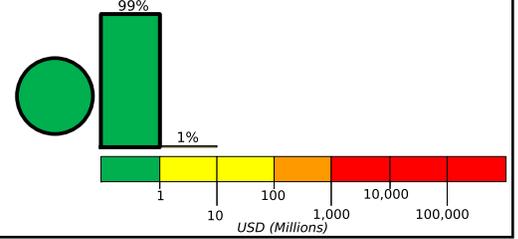
Location: 36.63°N 120.83°W Depth: 7 km

Created: 33 weeks, 1 day 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**

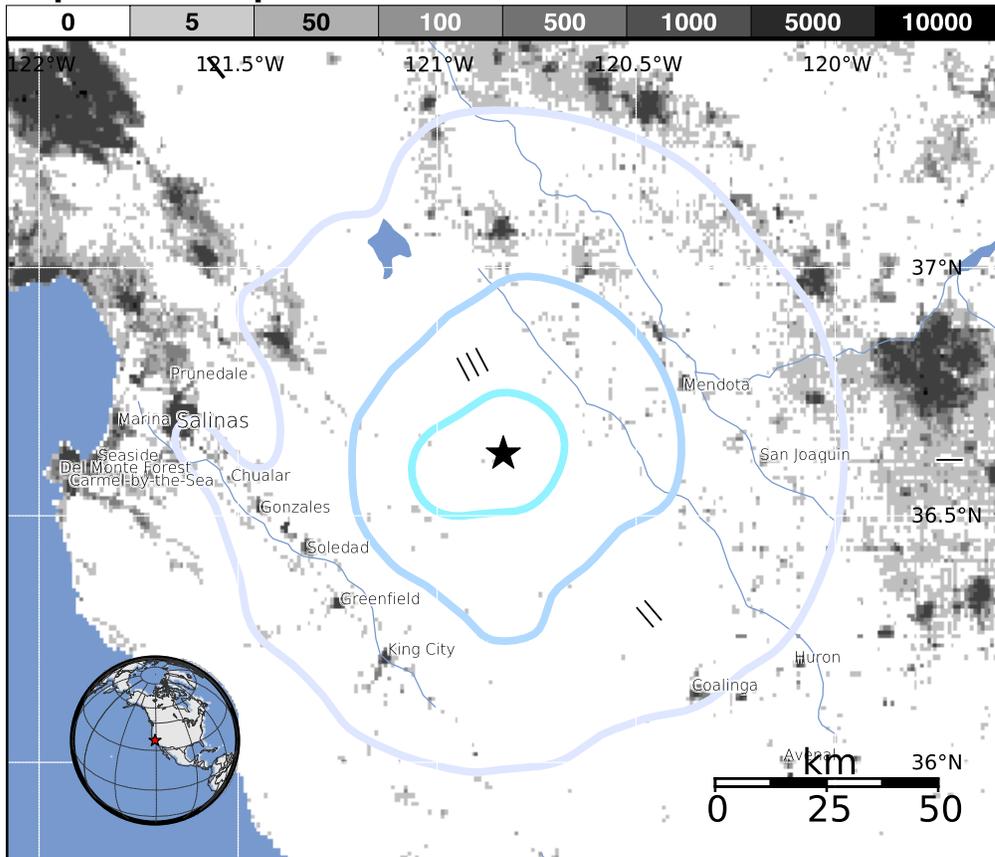


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		3,393k*	455k	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 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	199	5.1	V(17k)	0
2003-12-22	114	6.6	VII(213)	2
1989-10-18	99	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
II	South Dos Palos	2k
II	Firebaugh	8k
II	<b>Mendota</b>	<b>11k</b>
II	Dos Palos	5k
II	Los Banos	36k
II	<b>Soledad</b>	<b>26k</b>
II	<b>Salinas</b>	<b>150k</b>
I	San Jose	946k
I	Fresno	495k
I	Sunnyvale	140k
I	Santa Clara	116k

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: nc72316031