

M 4.2, 19.6 km (12.2 mi) SSW of town of Lake Isabella, CA

Origin Time: Sat 2014-04-19 12:15:13 UTC (04:15:13 local)

Location: 35.47°N 118.52°W Depth: 0 km

Created: 2 weeks, 2 days after earthquake

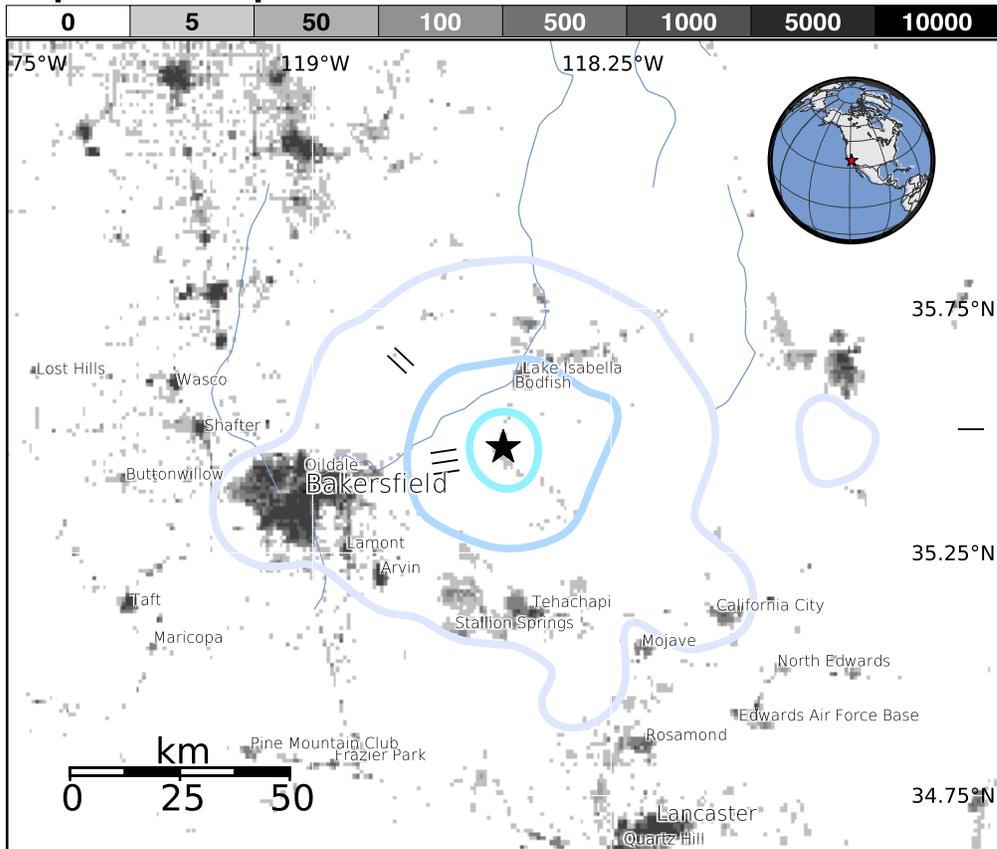


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		642k	633k	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	204	5.1	V(17k)	0
2003-12-22	231	6.6	VII(213)	2
1989-10-18	344	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
III	Lake Isabella	3k
III	Bodfish	2k
II	Wofford Heights	2k
II	Weldon	3k
II	Bear Valley Springs	5k
II	Tehachapi	14k
II	Bakersfield	347k
I	Lancaster	157k
I	Tulare	59k
I	Porterville	54k
I	Delano	53k

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: ci37214496