

**M 4.3, 10.6 km (6.6 mi) WNW of Big Pine, CA**

Origin Time: Tue 2016-02-16 23:27:31 UTC (15:27:31 local)

Location: 37.20°N 118.40°W Depth: 15 km

Created: 6 hours, 2 minutes 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**

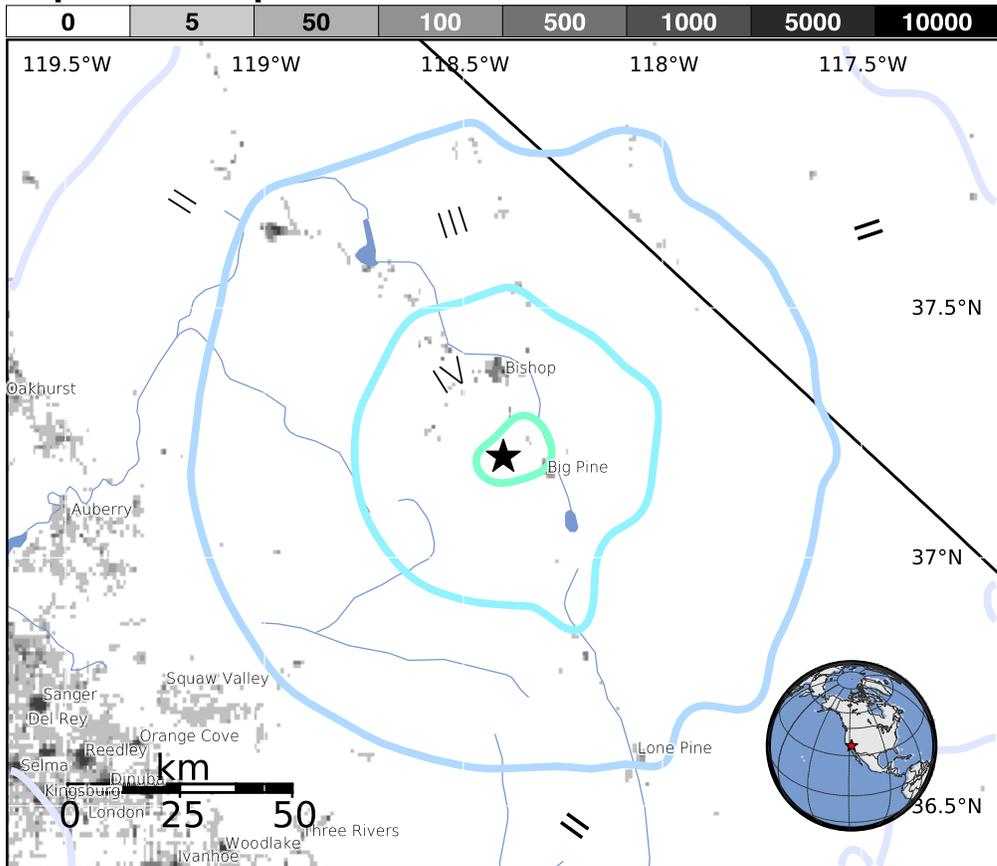


**Estimated Population Exposed to Earthquake Shaking**

<b>ESTIMATED POPULATION EXPOSURE (k = x1000)</b>		23k*	233k	13k	1k	0	0	0	0	0
<b>ESTIMATED MODIFIED MERCALLI INTENSITY</b>		I	II-III	IV	V	VI	VII	VIII	IX	X+
<b>PERCEIVED SHAKING</b>		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
<b>POTENTIAL DAMAGE</b>	<b>Resistant Structures</b>	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	<b>Vulnerable Structures</b>	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	33	5.1	V(17k)	0
2003-12-22	297	6.6	VII(213)	2
1989-10-18	299	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
V	Big Pine	2k
IV	Bishop	4k
IV	West Bishop	3k
III	Mammoth Lakes	8k
III	Lone Pine	2k
II	Sanger	24k
II	Reedley	24k
II	Dinuba	21k
II	Parlier	14k
I	Selma	23k

bold cities appear on map

(k = x1000)