

M 5.6, OKLAHOMA

Origin Time: Sat 2016-09-03 12:02:44 UTC (07:02:44 local)

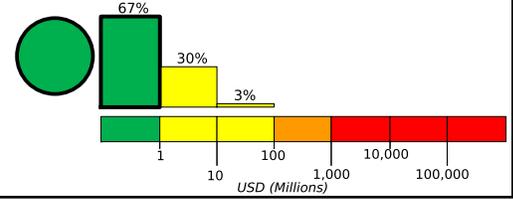
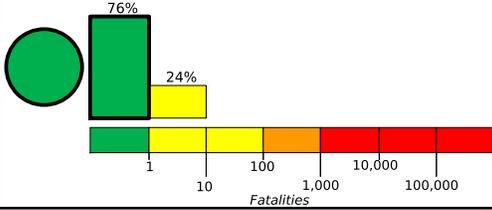
Location: 36.43°N 96.93°W Depth: 4 km

Created: 3 hours, 50 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

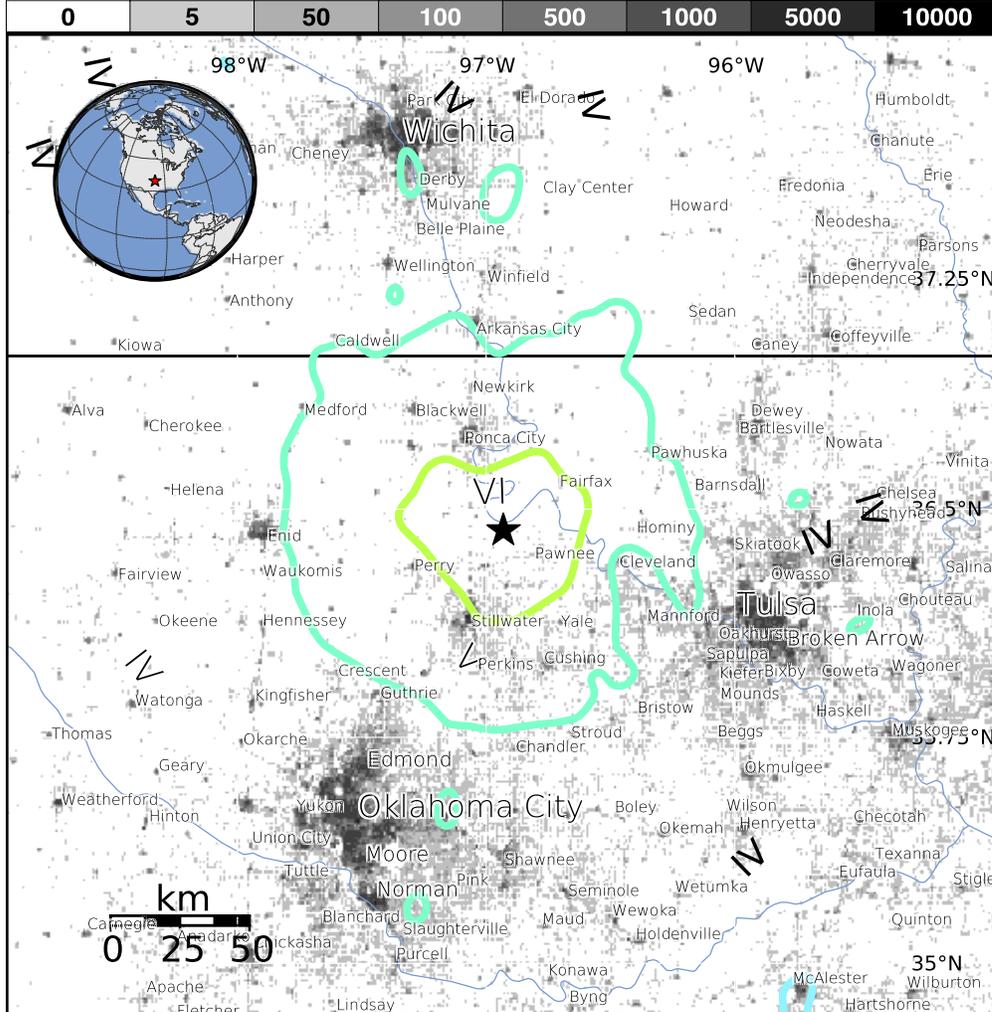


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	19k*	3,399k*	502k	18k	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 resistant to earthquake shaking, though some vulnerable structures exist.

Historical Earthquakes (with MMI levels):

There were no earthquakes with significant population exposure to shaking within a 400 km radius of this event.

Selected City Exposure

from GeoNames.org

MMI City	Population
VI Pawnee	2k
VI Fairfax	1k
V McCord	1k
V Ponca City	25k
V Yale	1k
V Stillwater	46k
V Wichita	382k
IV Tulsa	392k
IV Oklahoma City	580k
IV Norman	111k
IV Broken Arrow	99k

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/earthquakes/eventpage/us10006jxs>

bold cities appear on map

(k = x1000)

Event ID: us10006jxs