

M 4.0, ARIZONA

Origin Time: Mon 2015-11-02 06:29:07 UTC (23:29:07 local)

Location: 34.14°N 112.13°W Depth: 5 km

PAGER
Version 4

Created: 6 weeks, 1 day after earthquake

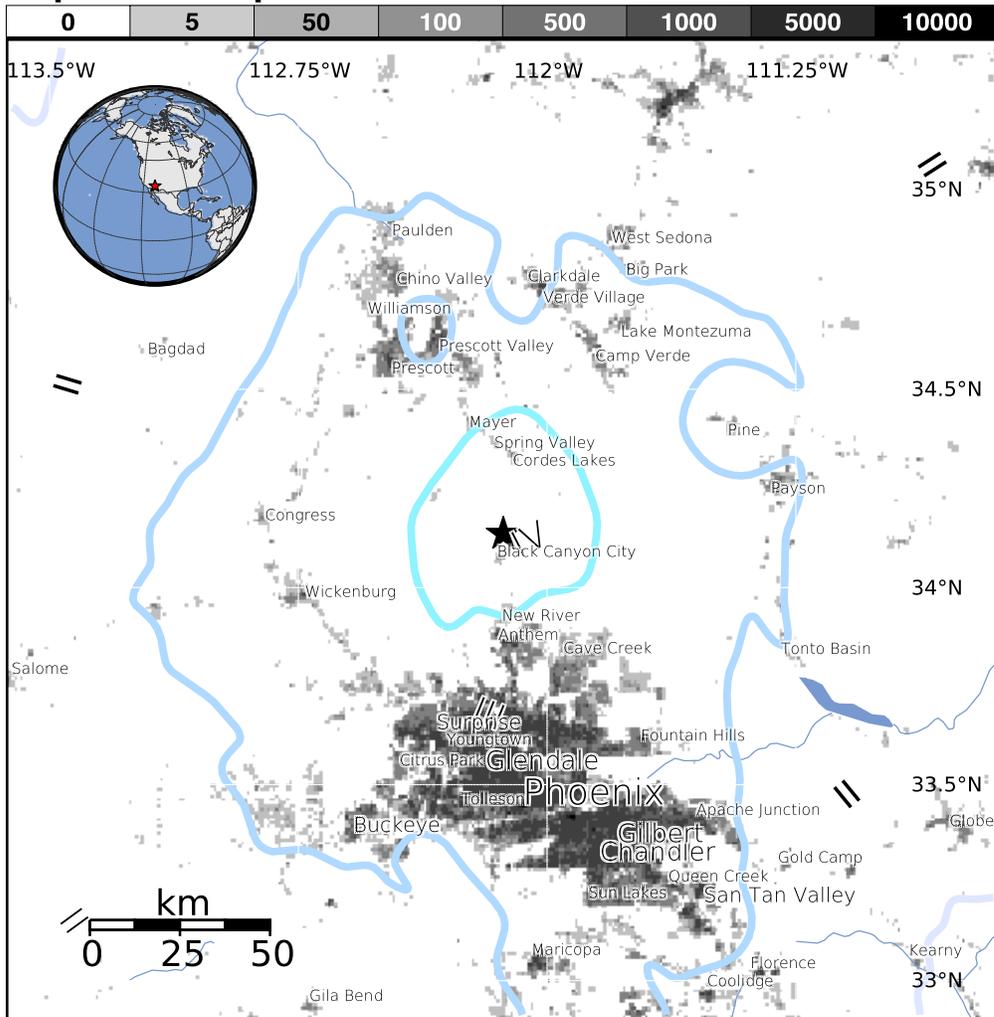


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		1k*	4,603k	8k	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 resistant to earthquake shaking, though some vulnerable structures exist.

Historical Earthquakes (with MMI levels):

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1979-10-16	375	5.1	VII(77)	0
1999-10-16	399	7.1	IX(17k)	0
1980-06-09	336	6.3	IX(336)	1

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Black Canyon City	3k
IV	Cordes Lakes	3k
IV	Spring Valley	1k
IV	Mayer	1k
III	New River	15k
III	Anthem	22k
III	Scottsdale	217k
III	Mesa	439k
III	Chandler	236k
III	Phoenix	1,446k
III	Glendale	227k

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: us2000419p