

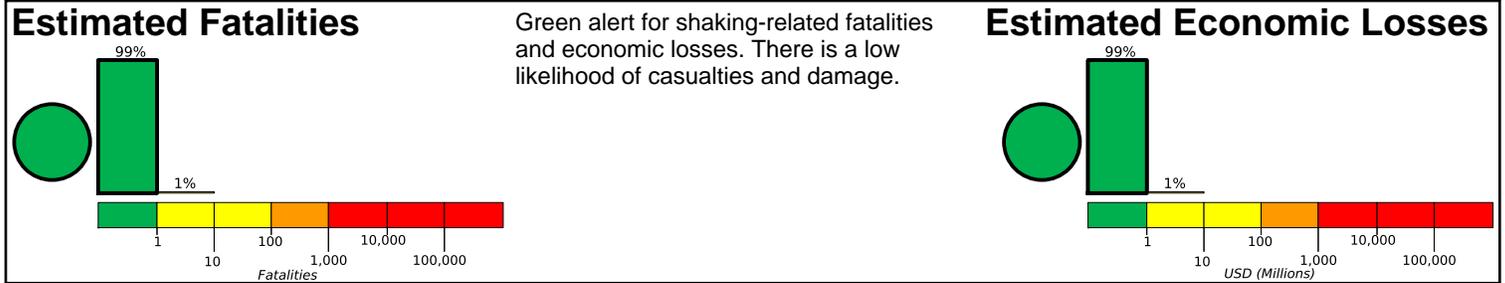
M 4.7, ARIZONA

Origin Time: Mon 2014-12-01 05:57:37 UTC (22:57:37 local)

Location: 35.04°N 111.73°W Depth: 5 km

PAGER
Version 5

Created: 11 weeks, 4 days after earthquake

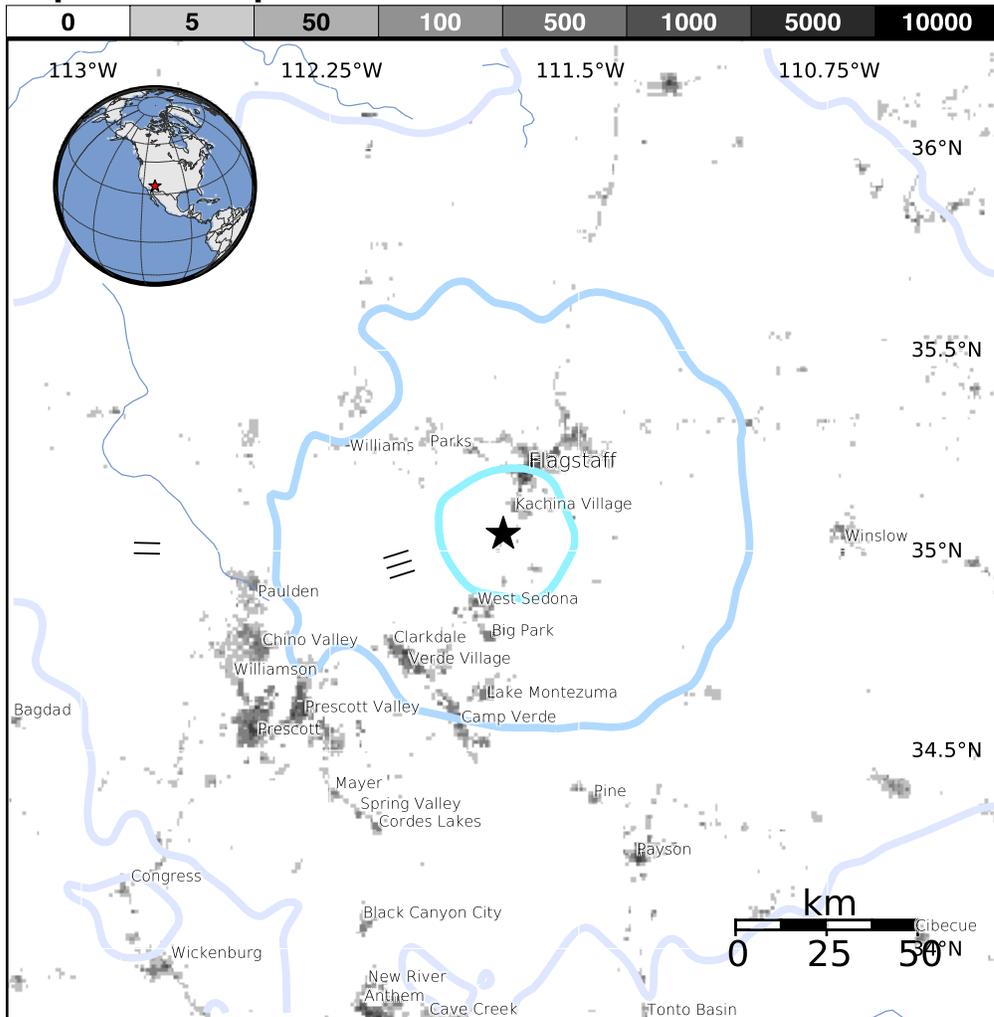


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		15k*	359k	52k	1k	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):

A magnitude 5.6 earthquake 276 km northwest of this one struck the United States on September 2, 1992 (UTC), with estimated population exposures of 9,000 at intensity VII and 79,000 at intensity VI, with no reported fatalities.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Kachina Village	3k
IV	Mountaineer	1k
IV	Flagstaff	66k
III	Sedona	10k
III	West Sedona	11k
III	Cottonwood	11k
II	Prescott Valley	39k
II	Payson	15k
II	Prescott	40k
II	New River	15k
II	Anthem	22k

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: usb000t1hf