

M 4.2, 20.2 km (12.5 mi) E of Eugene, OR

Origin Time: Sat 2015-07-04 15:42:18 UTC (08:42:18 local)

Location: 44.08°N 122.84°W Depth: 9 km

Created: 1 hour, 46 minutes after earthquake

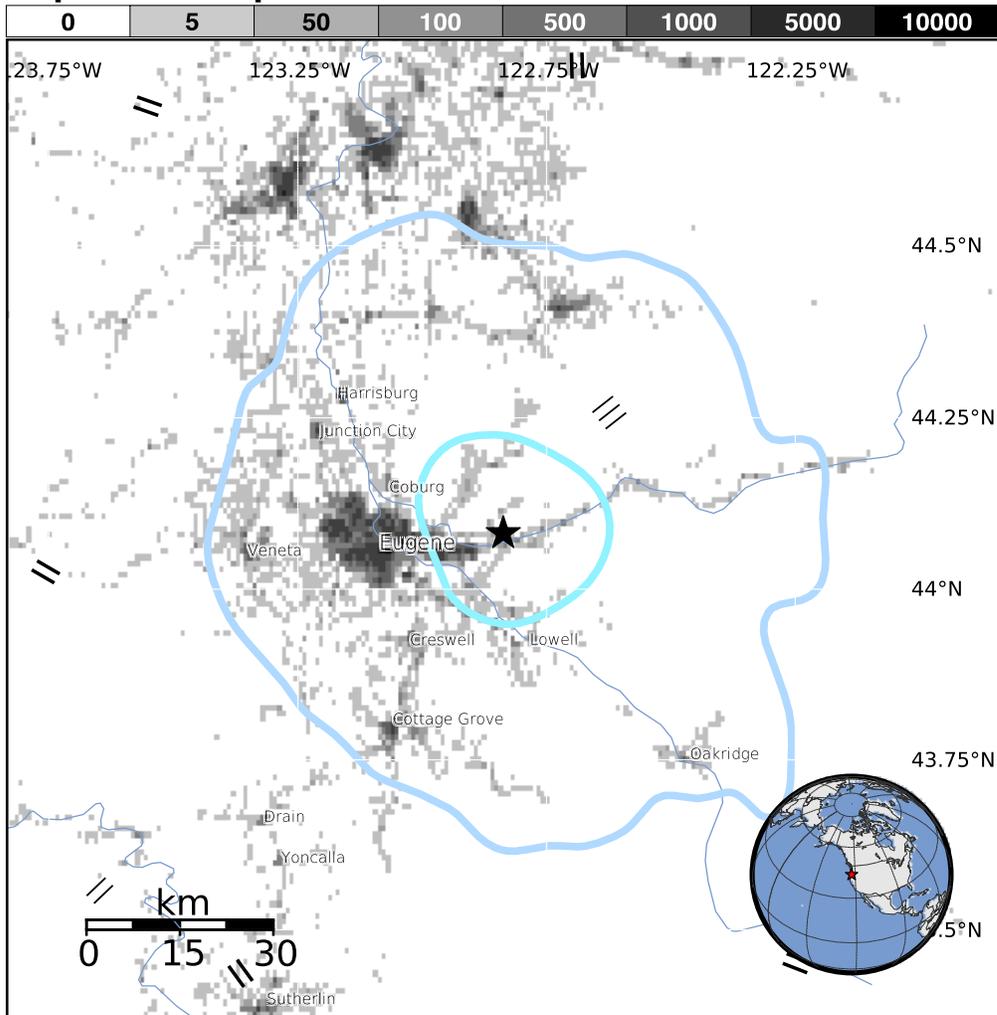


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	571k	28k	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
1991-07-13	314	6.8	V(51k)	0
1980-11-08	350	7.3	IX(16k)	0
1993-09-21	208	6.0	VIII(24)	1

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	Lowell	1k
III	Coburg	1k
III	Springfield	59k
III	Eugene	156k
III	Creswell	5k
III	Junction City	5k
III	Sweet Home	9k
III	Cottage Grove	10k
II	Lebanon	16k
II	Corvallis	54k
II	Albany	50k

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: uw61037147