

M 6.0, NEVADA

Origin Time: Thu 2008-02-21 14:16:05 UTC
 Location: 41.08°N 114.77°W Depth: 10 km

PAGER Version 3

Created: 2 hrs, 57 mins after earthquake

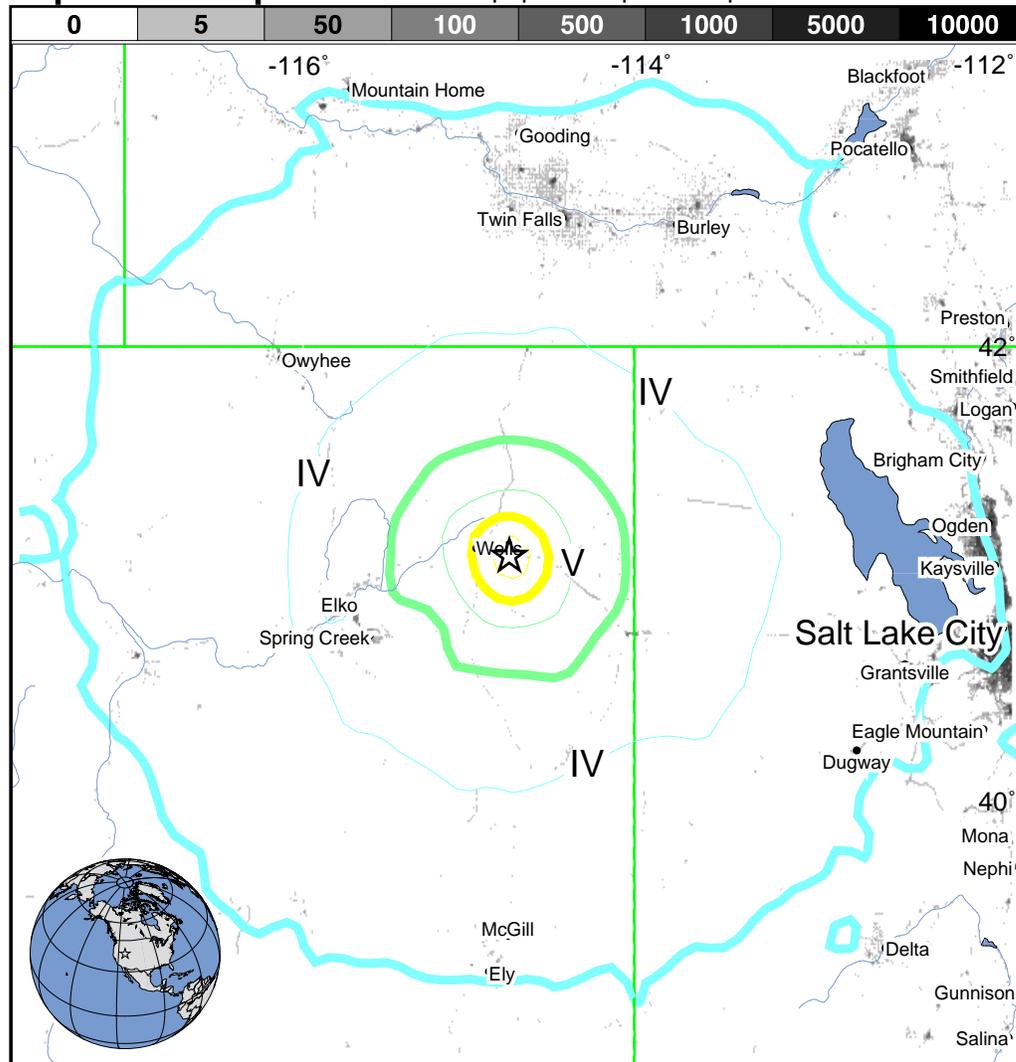
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	676k*	1,155k	2k	2k	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

population per ~1 sq. km from Landscan 2005

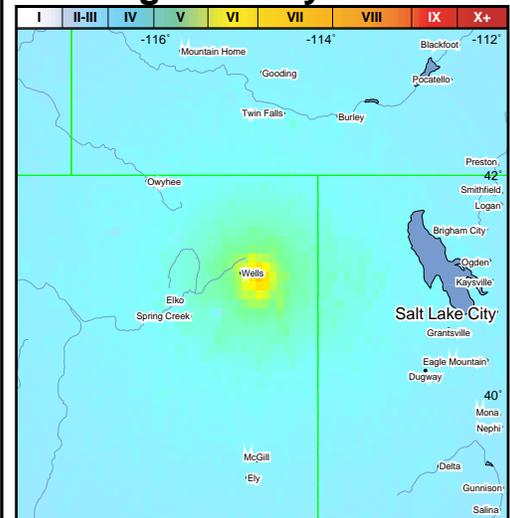


Selected City Exposure

MMI City	Population
VI Wells	1k
IV Wendover	1k
IV West Wendover	4k
IV Spring Creek	13k
IV Carlin	2k
IV Kimberly	2k
IV West Valley City	113k
IV West Jordan	101k
IV Sandy City	85k
III Salt Lake City	178k
III Ogden	78k

bold cities appear on map (k = x1000)

Shaking Intensity



Users should consider the preliminary nature of this information and check for updates as additional data becomes available. Population exposure estimates are NOT a direct estimate of earthquake damage; comparable shaking will result in significantly lower losses in regions with well built structures than in regions with vulnerable structures.

This information was automatically generated and has not been reviewed by a seismologist.

<http://earthquake.usgs.gov/pager>

Event ID: us2008nsa9