

# M 3.1, UTAH

Origin Time: Sun 2008-09-07 02:12:12 UTC  
Location: 41.71°N 112.39°W Depth: 0 km

# PAGER Version 1

Created: 13 mins, 26 secs after earthquake

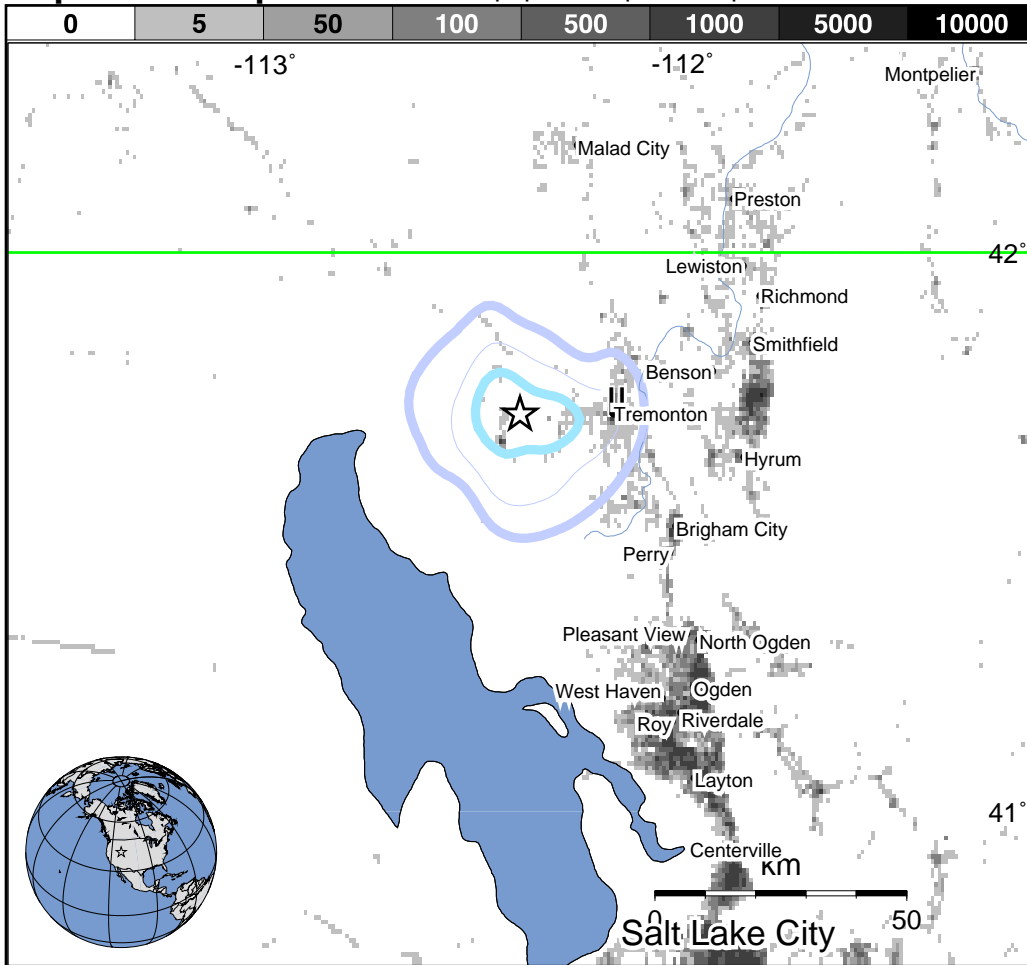
## Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		891k*	17k	0	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

population per ~1 sq. km from Landsat 2006

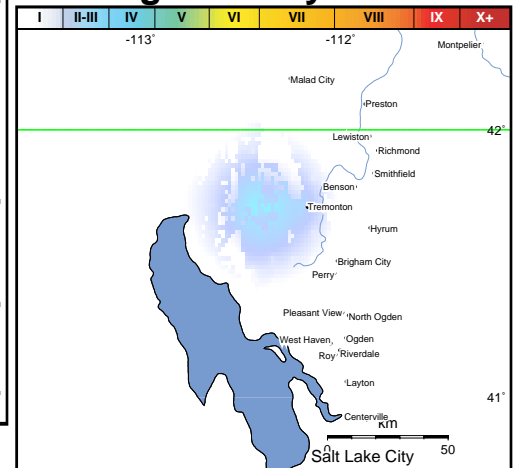


### Selected City Exposure

MMI City	Population
<b>II Tremonton</b>	<b>6k</b>
II Garland	1k
I Honeyville	1k
<b>I Salt Lake City</b>	<b>178k</b>
<b>I Ogden</b>	<b>78k</b>
<b>I Layton</b>	<b>62k</b>
I Logan	44k
I Bountiful	41k
<b>I Roy</b>	<b>36k</b>
I Clearfield	28k
I Kaysville	22k

bold cities appear on map (k = x1000)

### Shaking Intensity



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. Overall, the population in this region resides in structures that are a mix of vulnerable and earthquake resistant construction.

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

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

Event ID: UU1000000032