

**M 4.2, WYOMING**

Origin Time: Sun 2013-12-08 18:08:08 UTC (11:08:08 local)

Location: 43.22°N 110.63°W Depth: 5 km

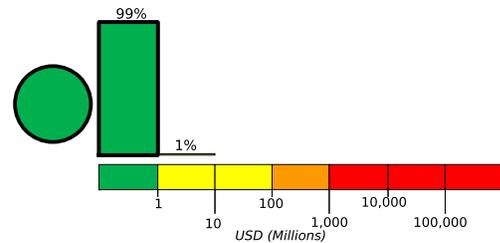
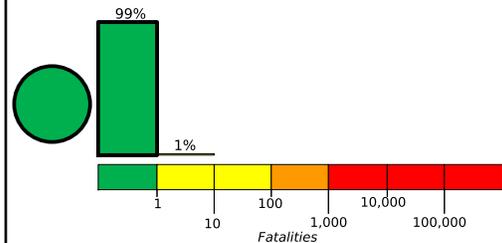
**PAGER**  
**Version 1**

Created: 58 minutes, 29 seconds after earthquake

**Estimated Fatalities**

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

**Estimated Economic Losses**

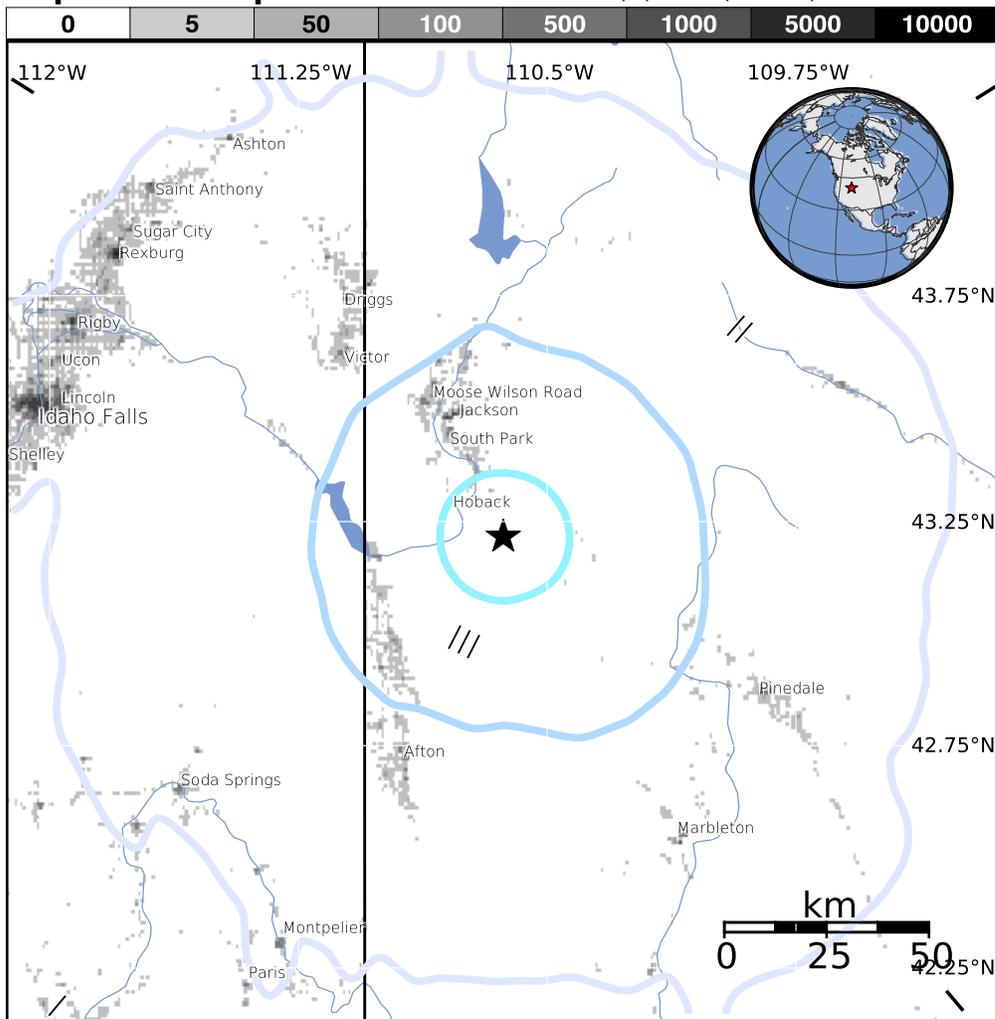


**Estimated Population Exposed to Earthquake Shaking**

<b>ESTIMATED POPULATION EXPOSURE (k = x1000)</b>		31k*	217k	1k	0	0	0	0	0	0
<b>ESTIMATED MODIFIED MERCALLI INTENSITY</b>		I	II-III	IV	V	VI	VII	VIII	IX	X+
<b>PERCEIVED SHAKING</b>		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
<b>POTENTIAL DAMAGE</b>	<b>Resistant Structures</b>	none	none	none	V. Light	Light	Moderate	Moderate/Heavy	Heavy	V. Heavy
	<b>Vulnerable Structures</b>	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
1975-06-30	162	6.1	VII(25)	0
1994-02-03	56	5.8	VIII(967)	0
1983-10-28	272	6.9	VIII(146)	2

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
IV	Hoback	1k
III	Rafter J Ranch	1k
III	South Park	2k
III	Jackson	10k
III	Moose Wilson Road	2k
III	Wilson	1k
II	Ammon	14k
II	Rigby	4k
II	Idaho Falls	57k
II	Shelley	4k
I	Rexburg	25k

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: usb000ldss