

M 4.0, 13.4 km (8.4 mi) NE of Hanna, UT

Origin Time: Wed 2016-05-25 13:01:07 UTC (07:01:07 local)

Location: 40.49°N 110.65°W Depth: 15 km

Created: 6 weeks, 2 days 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

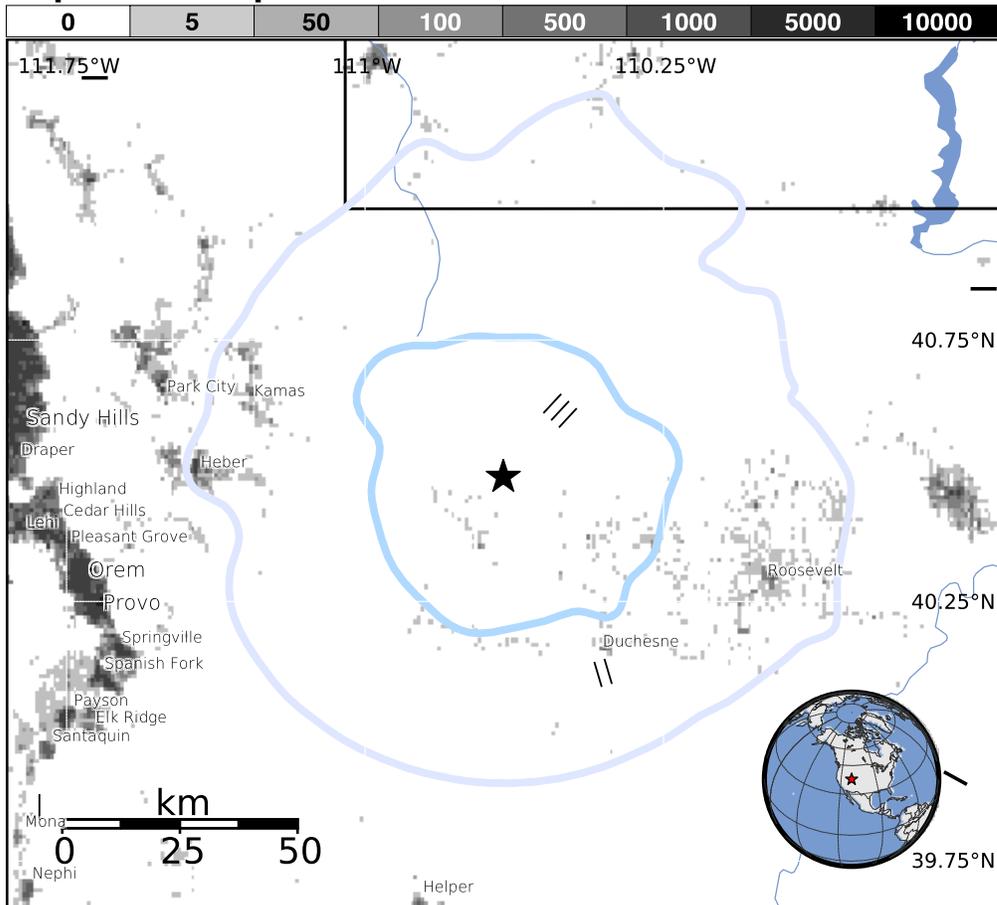


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		1,040k*	64k	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



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
1975-03-28	228	6.2	VIII(9)	0
1994-02-03	256	5.8	VIII(967)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Duchesne	2k
II	Roosevelt	6k
II	Kamas	2k
II	Francis	1k
II	Heber	9k
II	Oakley	1k
II	Salt Lake City	186k
I	Provo	112k
I	Sandy Hills	90k
I	Orem	88k
I	Sandy City	87k

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/earthquakes/eventpage/uu60149217>

Event ID: uu60149217