

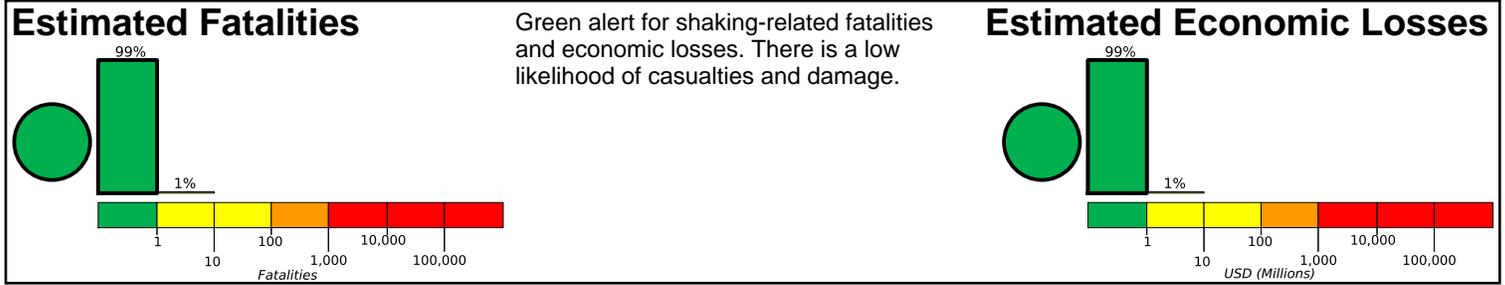
**M 5.9, JUJUY, ARGENTINA**

Origin Time: Mon 2015-09-28 15:28:05 UTC (12:28:05 local)

Location: 23.80°S 66.61°W Depth: 219 km

**PAGER**  
**Version 5**

Created: 12 weeks, 1 day after earthquake

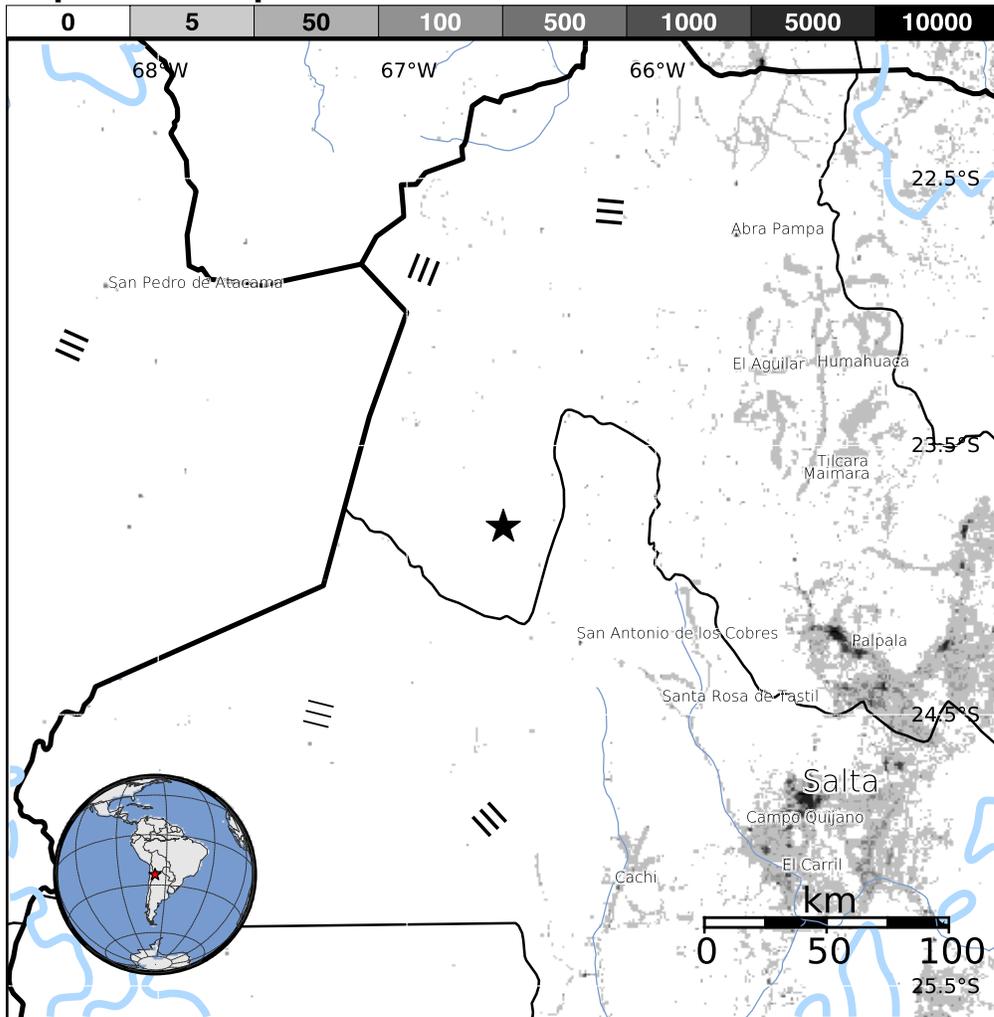


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,564k*	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 vulnerable to earthquake shaking, though some resistant structures exist.

**Historical Earthquakes (with MMI levels):**

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1997-07-15	296	4.7	IV(621)	0
1974-01-07	357	5.8	VIII(98)	0
2004-03-22	244	5.7	VIII(407)	0

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
<b>III</b> Abra Pampa	9k
<b>III</b> Palpala	48k
<b>III</b> Salta	513k
<b>III</b> El Carril	10k
<b>III</b> Campo Quijano	5k
<b>III</b> Villazon	30k
<b>III</b> La Quiaca	15k
<b>III</b> San Pedro	58k

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: us20003pnw