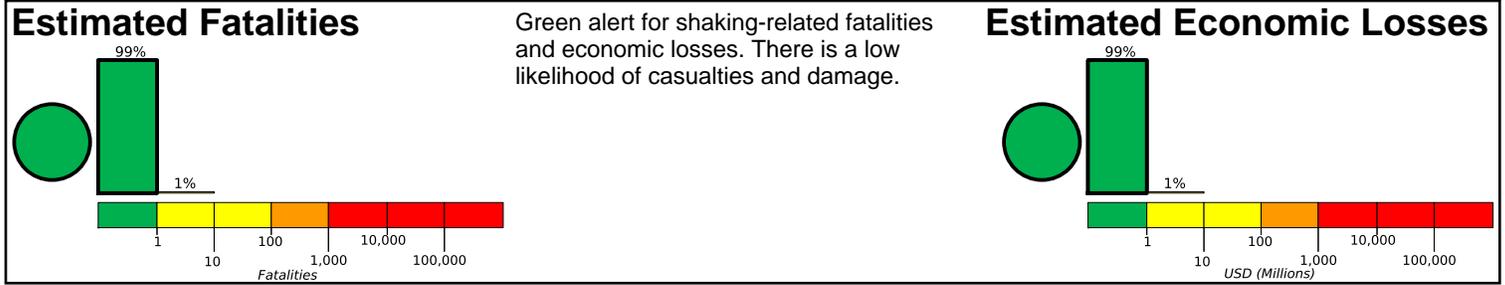


M 6.5, CHUQUISACA, BOLIVIA

Origin Time: Tue 2017-02-21 14:09:04 UTC (10:09:04 local)

Location: 19.28°S 63.90°W Depth: 596 km

Created: 2 weeks, 6 days after earthquake

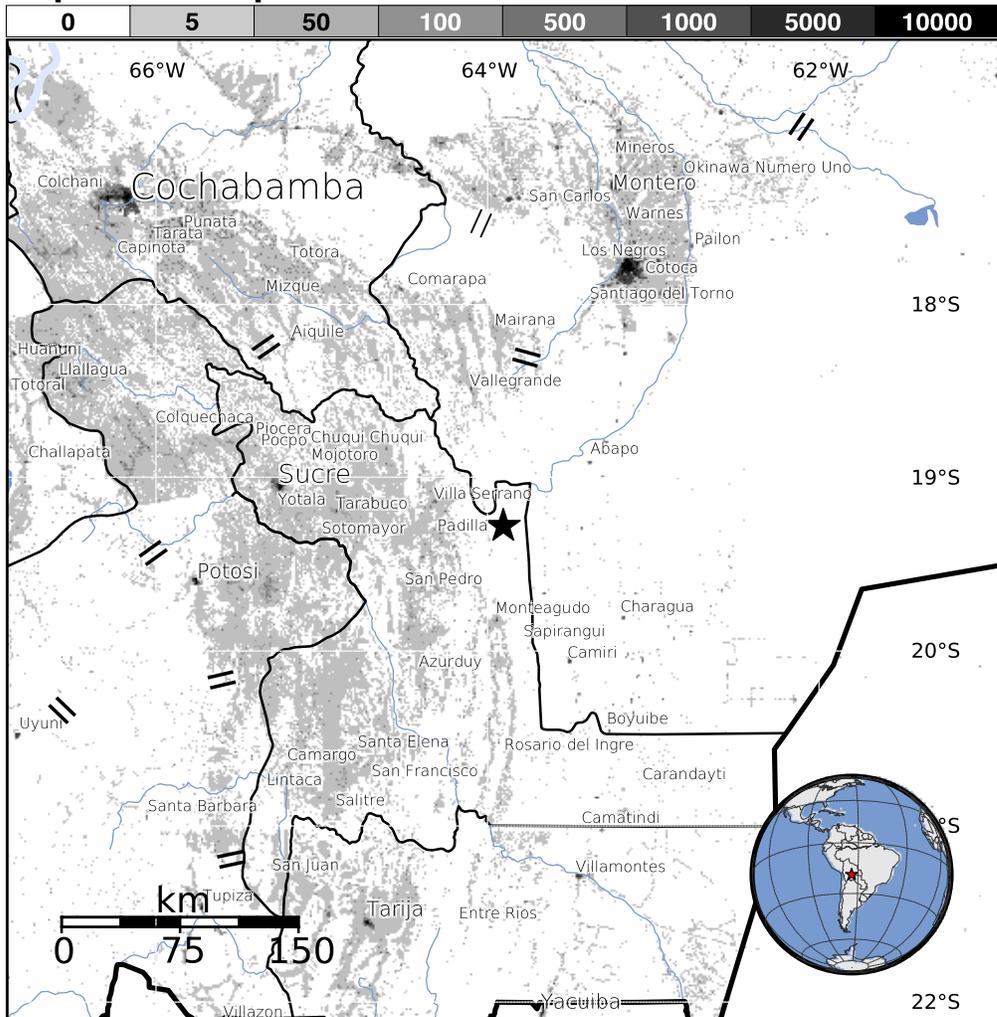


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		7k*	6,591k	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
1985-03-22	80	5.4	VI(5k)	0
1985-03-19	87	5.8	VII(811)	2
1998-05-22	229	6.6	VIII(549)	105

Selected City Exposure

from GeoNames.org

MMI	City	Population
II	Monteagudo	8k
II	San Julian	8k
II	Cotoca	18k
II	San Juan del Surutu	4k
II	San Carlos	4k
II	Montero	89k
II	Tarija	159k
II	Sucre	225k
II	Cochabamba	900k
II	Potosi	141k

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/us20008141>

Event ID: us20008141