

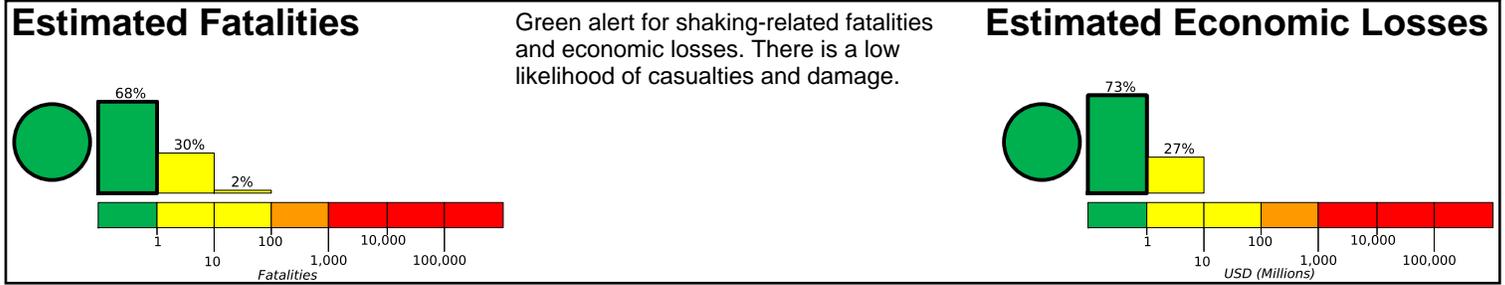
**M 6.6, COQUIMBO, CHILE**

Origin Time: Thu 2013-10-31 23:03:59 UTC (20:03:59 local)

Location: 30.29°S 71.52°W Depth: 27 km

**PAGER**  
**Version 3**

Created: 9 weeks, 1 day after earthquake

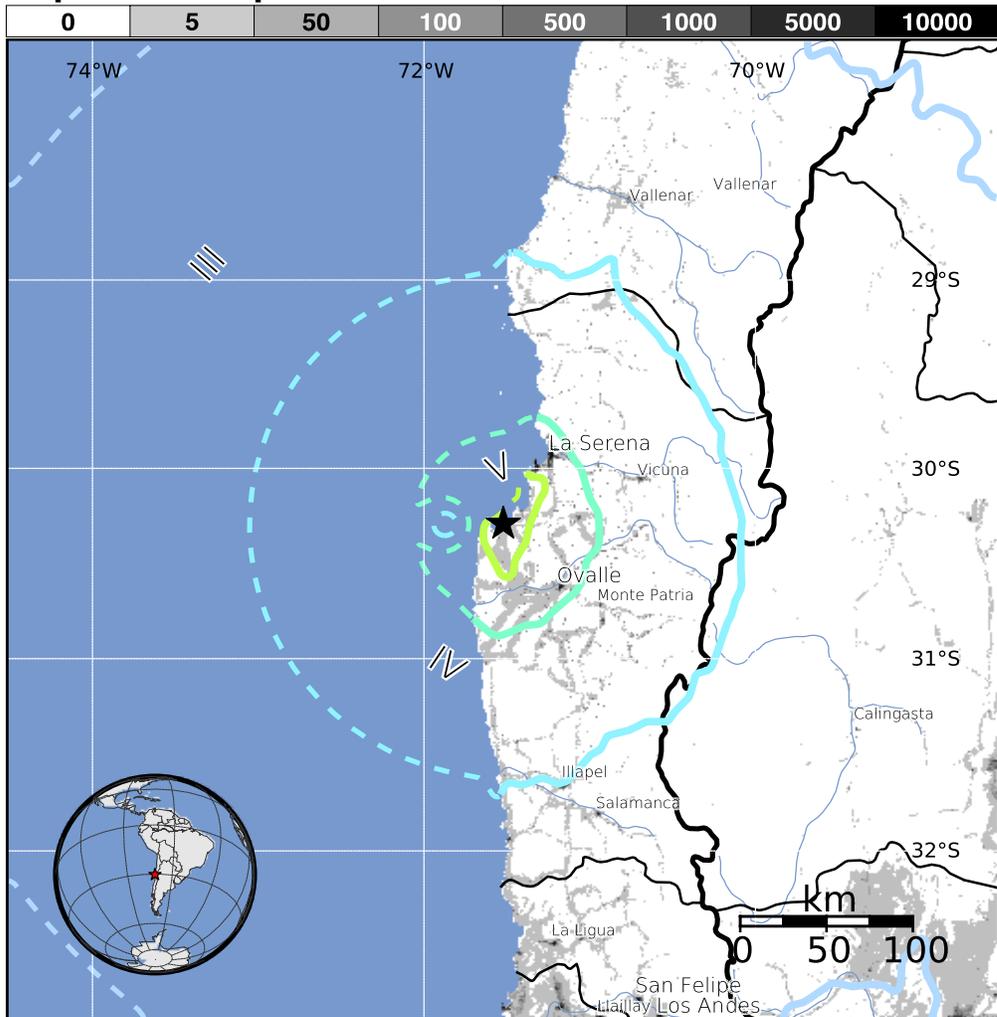


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	1,081k*	141k	445k	54k	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
1981-10-16	344	7.1	VI(29k)	0
1997-10-15	85	7.1	VIII(3k)	7
1985-03-03	314	7.9	VII(7,023k)	177

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

**Selected City Exposure**

from GeoNames.org

MMI	City	Population
V	La Serena	155k
V	Ovalle	77k
V	Coquimbo	161k
IV	Monte Patria	14k
IV	Vicuna	13k
IV	Illapel	23k
III	San Felipe	59k
III	Los Andes	57k
III	Chimbas	74k
III	San Juan	447k
III	Hacienda La Calera	49k

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: usb000kqnc