

M 5.6, NEAR THE COAST OF NORTHERN PERU

Origin Time: Sun 2015-04-26 23:35:29 UTC (18:35:29 local)

Location: 8.32°S 79.83°W Depth: 22 km

Created: 7 weeks, 3 days after earthquake

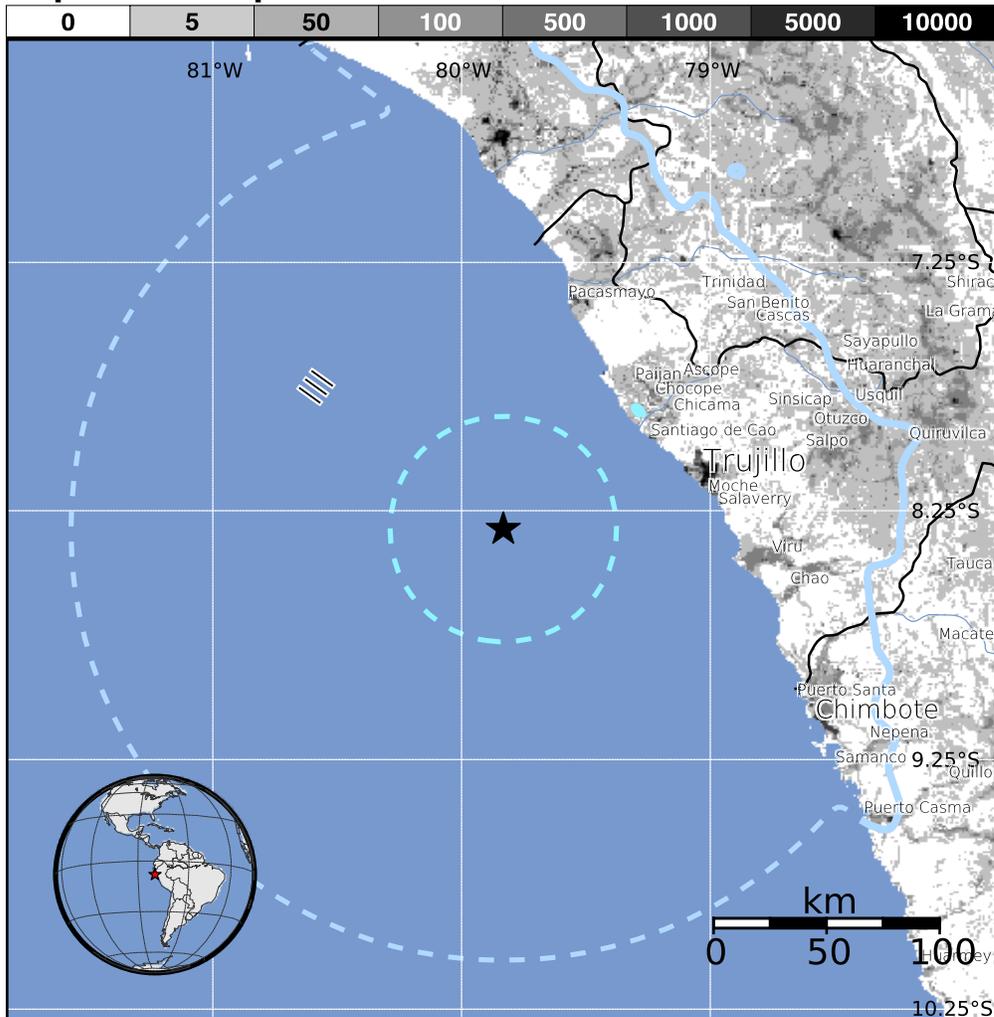


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	4,356k	37k	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
1987-05-14	335	5.9	VI(4k)	0
1986-01-11	293	5.1	V(165k)	1
1990-05-30	384	6.5	VIII(131k)	135

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Santiago de Cao	22k
III	Moche	23k
III	Buenos Aires	< 1k
III	Chocope	32k
III	Huanchaco	< 1k
III	Trujillo	747k
III	Chiclayo	577k
III	Lambayeque	44k
III	Chimbote	317k
III	Picsi	44k
III	Cajamarca	135k

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>

bold cities appear on map

(k = x1000)

Event ID: us200029gw