

M 6.1, SOUTH OF LOMBOK, INDONESIA

Origin Time: Thu 2016-06-09 04:13:08 UTC (04:13:08 local)

Location: 11.25°S 116.27°E Depth: 19 km

Created: 5 weeks, 1 day after earthquake

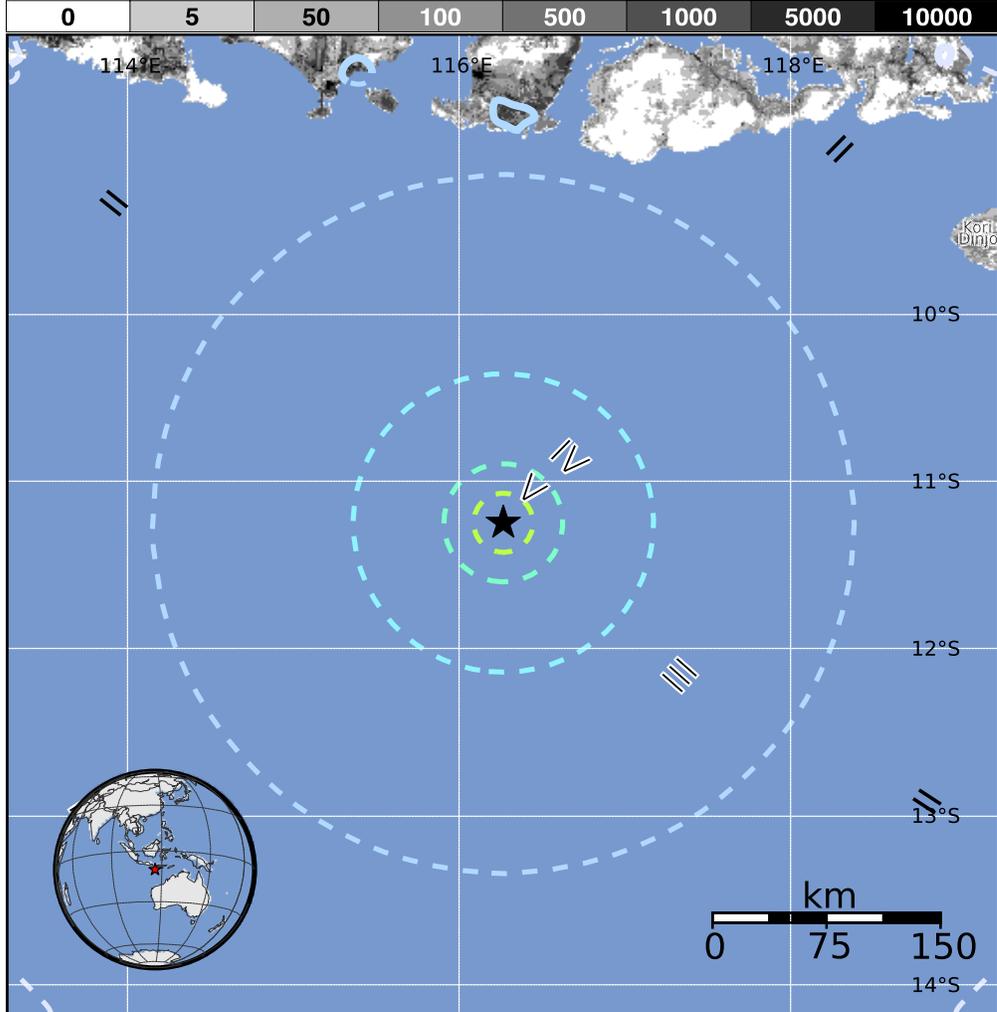


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		18k*	9,803k	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
1977-08-20	303	6.6	V(6)	0
2004-09-15	314	5.3	IV(5,297k)	1
1976-07-14	394	6.5	VIII(183k)	563

Selected City Exposure

from GeoNames.org

MMI City	Population
III Klungkung	28k
III Semarapura	< 1k
III Semarapura	< 1k
III Dawan	< 1k
III Dawan	< 1k
III Padangbai	< 1k
III Mataram	319k
II Denpasar	406k
II Genteng	80k
II Muncar	65k
II Bima	67k

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/us200062zs>

Event ID: us200062zs