

M 6.5, Botswana

Origin Time: Mon 2017-04-03 17:40:16 UTC (19:40:16 local)

Location: 22.62°S 25.15°E Depth: 29 km

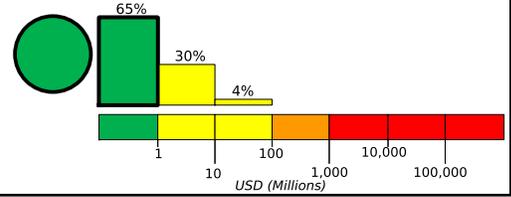
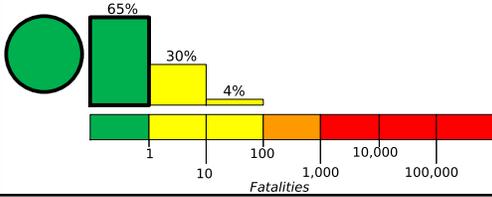
PAGER
Version 2

Created: 1 hour, 44 minutes after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.

Estimated Economic Losses

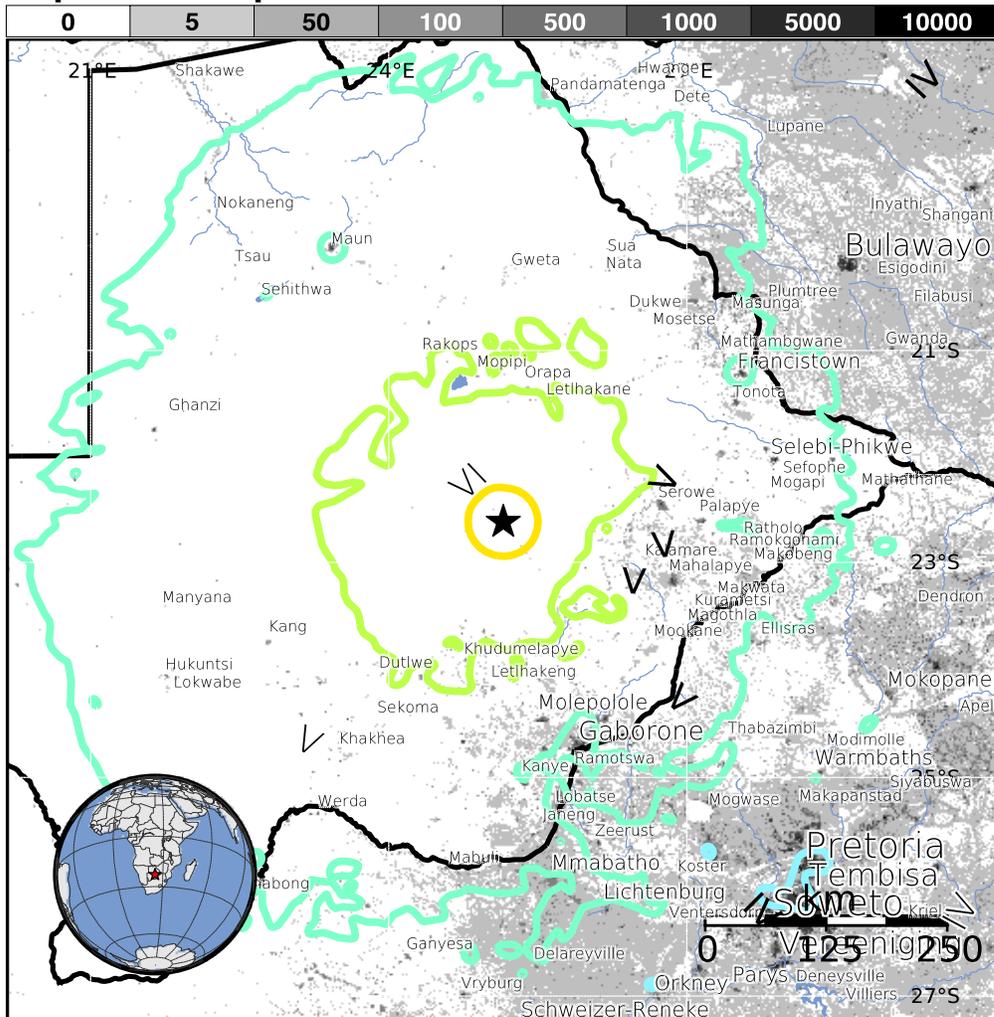


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	5,635k*	17,691k*	2,443k	48k	1k	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):

There were no earthquakes with significant population exposure to shaking within a 400 km radius of this event.

Selected City Exposure

from GeoNames.org

MMI	City	Population
VI	Moijabana	3k
VI	Khudumelapye	2k
VI	Mopipi	3k
V	Orapa	9k
V	Dutlwe	1k
V	Mochudi	37k
IV	Gweru	146k
IV	Gaborone	208k
IV	Johannesburg	2,026k
IV	Bulawayo	699k
III	Pretoria	1,619k

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/us10008e3k>

Event ID: us10008e3k