

**M 6.0, SOUTH OF PANAMA**

Origin Time: Wed 2014-04-02 16:13:26 UTC (11:13:26 local)

Location: 7.94°N 82.34°W Depth: 25 km

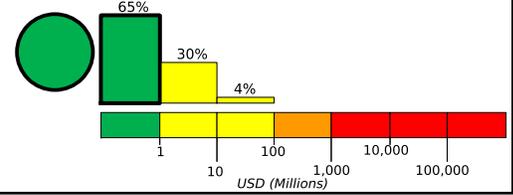
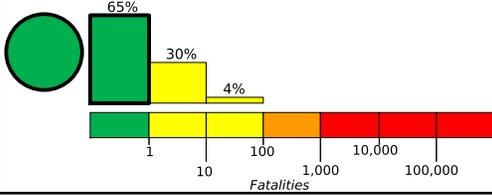
**PAGER**  
**Version 5**

Created: 9 weeks, 0 days 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**

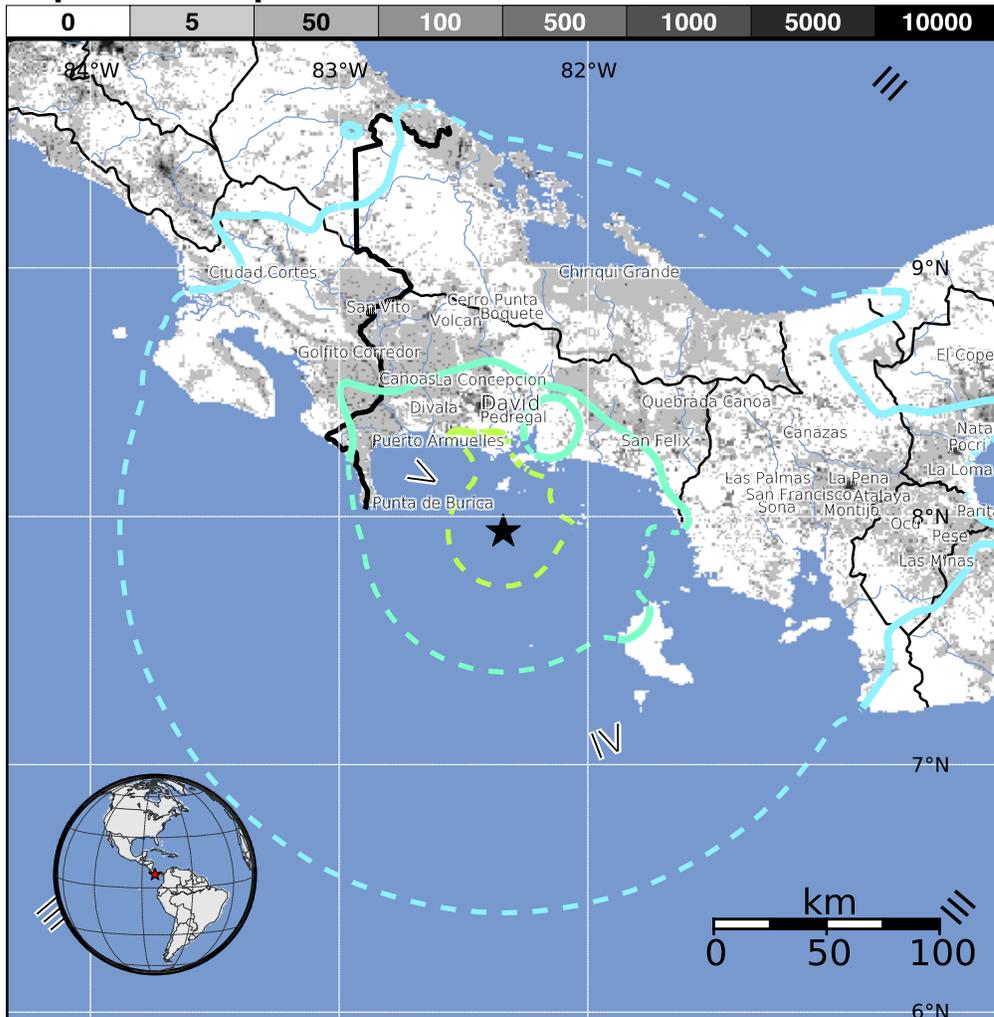


**Estimated Population Exposed to Earthquake Shaking**

ESTIMATED POPULATION EXPOSURE (k = x1000)		--*	1,059k*	1,081k	341k	7k	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
2003-09-04	15	5.7	V(222k)	0
1991-05-04	185	6.2	VIII(14k)	2
2003-12-25	75	6.5	VIII(53k)	2

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
VI	Guarumal	2k
V	<b>Pedregal</b>	<b>16k</b>
V	Alanje	1k
V	La Esperanza	2k
V	Chiriqui	2k
V	La Victoria	1k
V	<b>David</b>	<b>83k</b>
IV	Penonome	12k
IV	Chitre	44k
III	Cartago	27k

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>