M 6.0, SABAH, MALAYSIA

Origin Time: Thu 2015-06-04 23:15:43 UTC (07:15:43 local)
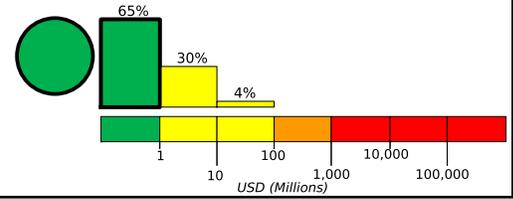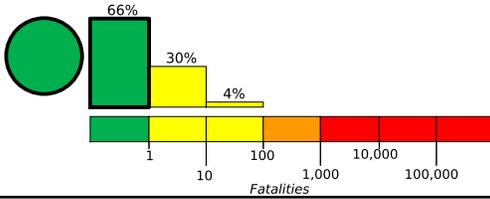Location: 6.08°N 116.55°E Depth: 10 km

PAGER
Version 1

Created: 21 minutes, 7 seconds after earthquake

Estimated Fatalities

66%
30%
4%

| 1 | 10 | 100 | 1,000 | 10,000 | 100,000 |

Fatalities

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

Estimated Economic Losses

65%
30%
4%

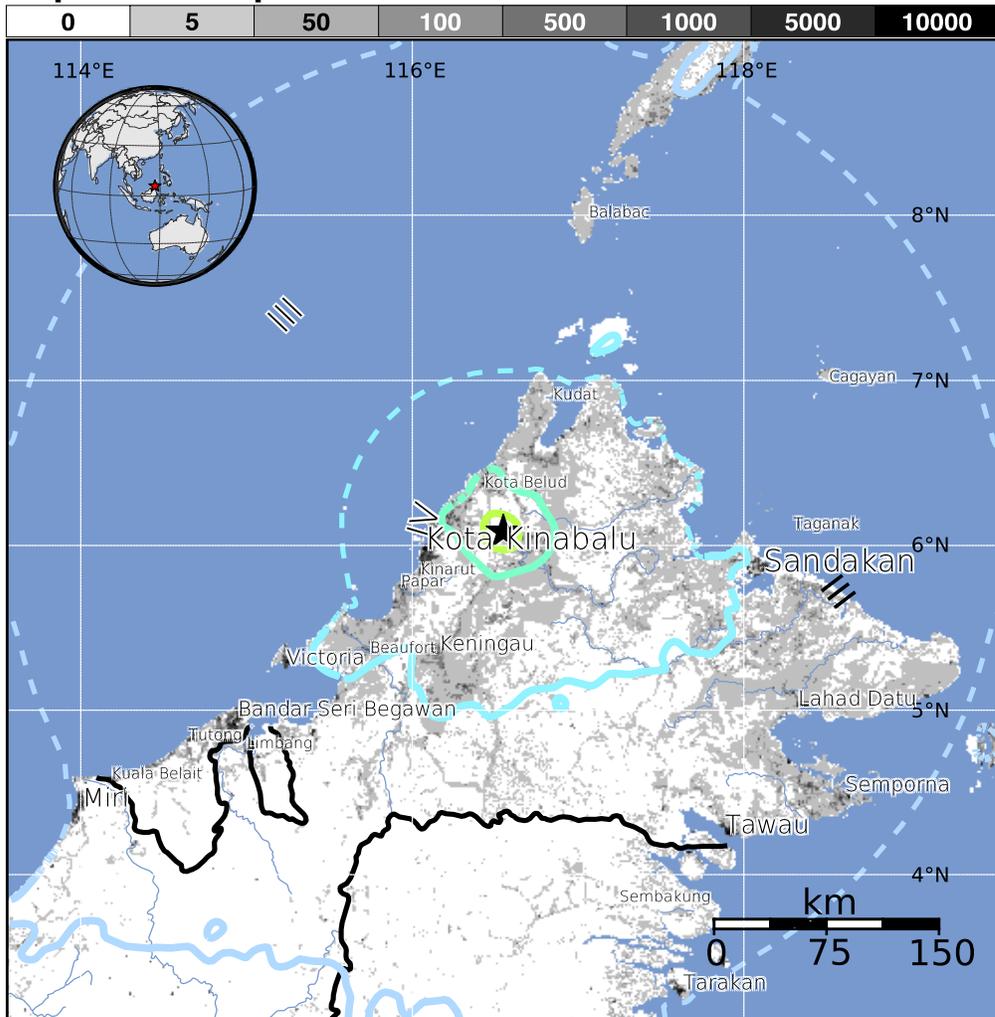| 1 | 10 | 100 | 1,000 | 10,000 | 100,000 |

USD (Millions)

Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k = x1000)		- -*	3,239k	1,679k	263k	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

population per ~1 sq. km from Landscan

| 0 | 5 | 50 | 100 | 500 | 1000 | 5000 | 10000 |

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
2001-07-31	233	5.4	VI(9k)	0
1994-11-02	247	5.7	VII(6k)	0
1976-07-26	228	6.3	IX(2k)	0

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Ranau	19k
V	**Kota Belud**	**13k**
IV	Donggongon	72k
IV	**Kota Kinabalu**	**457k**
IV	Putatan	78k
IV	**Kinarut**	**16k**
III	**Victoria**	**74k**
III	**Sandakan**	**392k**
III	**Tawau**	**306k**
III	**Miri**	**228k**

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: us20002m5s