SUNDAY
29 July 2018
11:00 UTC+7

M 6.4 Lombok Earthquake, Indonesia
Flash Update 01

ONE ASEAN ONE RESPONSE

ONE ASEAN ONE RESPONSE ASEAN Coordinating Centre for Humanitarian Assistance on disaster management — DMRS v5.3.3 Powered by DisasterAWARE

UTC	YANGON	BANGKOK	SINGAPORE	TOKYO	SYDNEY
02:37 JUL 29. 2018	02:37 JUL 29. 2018	09:37 JUL 29. 2018	10:37 JUL 29. 2018	11:37 JUL 29. 2018	12:37 JUL 29. 2018

Population exposure

Intensity	II	III	IV	V	VI	VII	VIII	IX
People Exposed (x 1000)	32	7259	5020	1947	424	23	0	0
Perceived Shaking	Weak	Weak	Light	Moderate	Strong	Very strong	Severe	Violent

Summary as of 29 July 2018, 1100 hrs (UTC +7), M 6.4 Lombok Earthquake, Indonesia

1) A M 6.4 Earthquake occurred on 29 July 2018 05.47 hrs (UTC +7), with epicenter at a depth of 24 km and located at 8.4 S & 116.5 E or around 47 km northeast of Mataram City, West Nusa Tenggara Province, Indonesia (BMKG). No tsunami generated by this event and until 10.31 hrs (UTC +7), 79 aftershocks were reported (BMKG).
2) AHA Centre Disaster Monitoring & Response System (DMRS) triggered “Watch” Alert.
3) The earthquake felt in Lombok, Bali and Sumbawa Island with the reported intensity around II-VII MMI, with total population exposed around 14,705,000. **A total of 2,394,000 people exposed to intensity V-VII MMI** (BMKG; BNPB).
4) According to initial rapid assessment by National Disaster Management Authority (BNPB) and its local provincial counterparts (BPBDs of West Nusa Tenggara and Bali provinces), casualties and damages reported from the following regencies/cities: North Lombok, East Lombok, West Lombok, West Sumbawa and Mataram City. Initial report suggests: 10 people died; 12 injured; and close to hundreds of houses damaged (BNPB and EOC call with BNPB).
5) Local and national organizations are performing search and rescue and health assistance.
6) At this point, there is no indication that international assistance will be required.
7) The next AHA Centre Flash Update will be issued once additional information become available.

DATA SOURCES
ASEAN Disaster Monitoring & Response System (DMRS); Indonesia: BNPB, BPBD Bali, BPBD West Nusa Tenggara, BMKG, PVMBG-ESDM;
Pacific Disaster Center (PDC Global); US Geological Services (USCS);
Various news agencies

DISCLAIMER
The AHA Centre was established in November 2011 by the Association of Southeast Asian Nations (ASEAN) Member States to facilitate cooperation and coordination among Member States, relevant agencies of the United Nations and international organisations in disaster management and humanitarian assistance.

The use of boundaries, geographic names, related information and potential considerations for response are for reference, not warranted to be error free or implying official endorsement from ASEAN Member States.

Our mailing address is:
AHA Centre,
GRAHA BNPB 13th Floor,
Jl. Raya Pramuka Kav. 38,
Jakarta 13120 Indonesia

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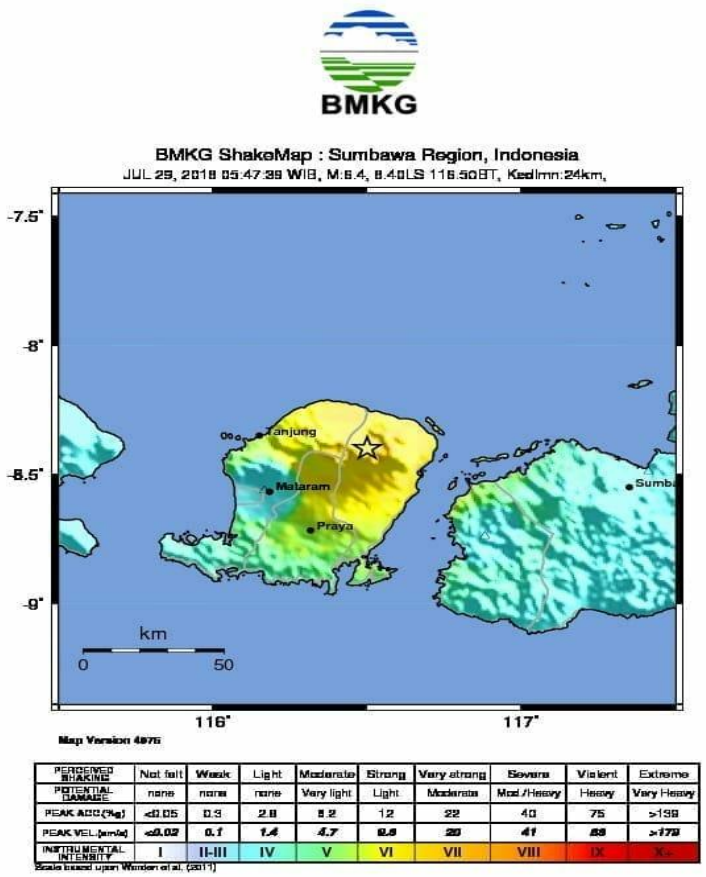
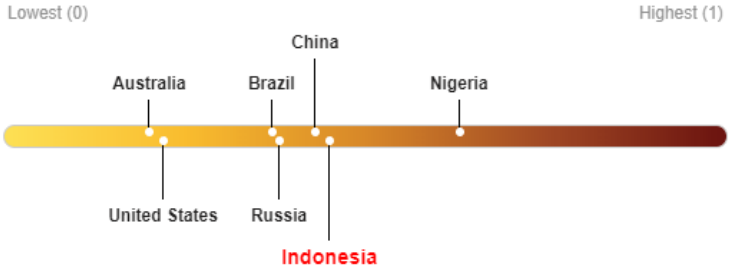


Lack of Resilience Index:

The Lack of Resilience Index assesses the susceptibility to impact and the short-term inability to absorb, respond to, and recover from disruptions to a country's normal function.

Indonesia ranks **71** out of **165** countries assessed for Lack of Resilience. Indonesia is less resilient than 57% of countries assessed. This indicates that Indonesia has medium susceptibility to negative impacts, and is more able to respond to and recover from a disruption to normal function.



Source: PDC

Casualties, Damages and Impacts by Cities/Regencies
(Correct as of 29 July 2018, 1100 hrs UTC +7, source: EOC call with BNPB)

City / Regency	Reported damages / impacts
East Lombok Regency	• 8 death • Damages observed in Sambelia and Sembalun districts • Rapid assessment in progress
North Lombok Regency	• 2 death • Damages observed in Bayan District • Rapid assessment in progress
West Lombok Regency	• 2 houses damaged in Tongkek and Guntur villages • Rapid assessment in progress
West Sumbawa Regency	• 2 houses damaged in Brang Rea District • Rapid assessment in progress
Mataram City	• 2 houses damaged • Rapid assessment in progress

Potential Collateral Hazards

- There is no changes in alert level status of volcanoes in Bali and Lombok Islands: Mount Agung (Alert Level III, out of maximum IV), Moung Rinjani (Alert Level II, out of maximum IV)
- Following the earthquake, activities in Mount Rinjani is closed.

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Estimated Earthquake Impact

BNPB

BMKG

M 6.4 29-Jul-18 05:47:39 +0707

Elapsed time since event 14 minute(s)

Longitude 116°33′0.00″E Latitude 8°15′36.00″S Depth 10.0 km

Located 0.15 km, 2.94° N of Selong

Estimated number of people exposed by each MMI level

Intensity	II	III	IV	V	VI	VII	VIII	IX
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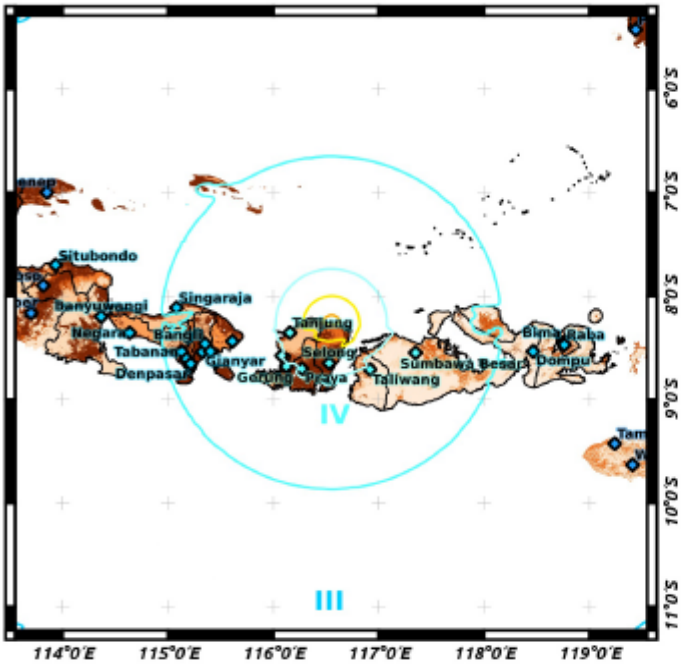

Nearby Places

	Name	Population (x 1000)	Intensity
	Selong	555	IV
	Mataram	402	IV
	Gerung	287	IV
	Praya	247	IV
	Sumbawa Besar	128	IV

Estimated fatalities : 0 - 100

Population count per grid cell

0
2.5
5
7.5
10

This impact estimation is automatically generated and only takes into account the population and cities affected by different levels of ground shaking. The estimate is based on ground shaking data from BMKG, population count data derived by DMInnovation from worldpop.org.uk and BPS Census Data 2010, place information data provided by Indonesian Geospatial Portal at http://tanahair.indonesia.go.id and software developed by BNPB. Limitations in the estimates of ground shaking, population and place names datasets may result in significant misrepresentation of the on-the-ground situation in the figures shown here. Consequently, decisions should not be made solely on the information presented here and should always be verified by ground truthing and other reliable information sources. The fatality calculation assumes that no fatalities occur for shake levels below MMI 4. Fatality counts of less than 50 are rounded down.

This report was created using InaSAFE version 3.5.4. Visit http://inasafe.org for more information.

Supported by the Australian Government, Geoscience Australia and the World Bank-GFDRR.

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