

SUNDAY

5 August 2018

22:30 UTC+7

# M 7.0 Lombok Earthquake, Indonesia Flash Update 01

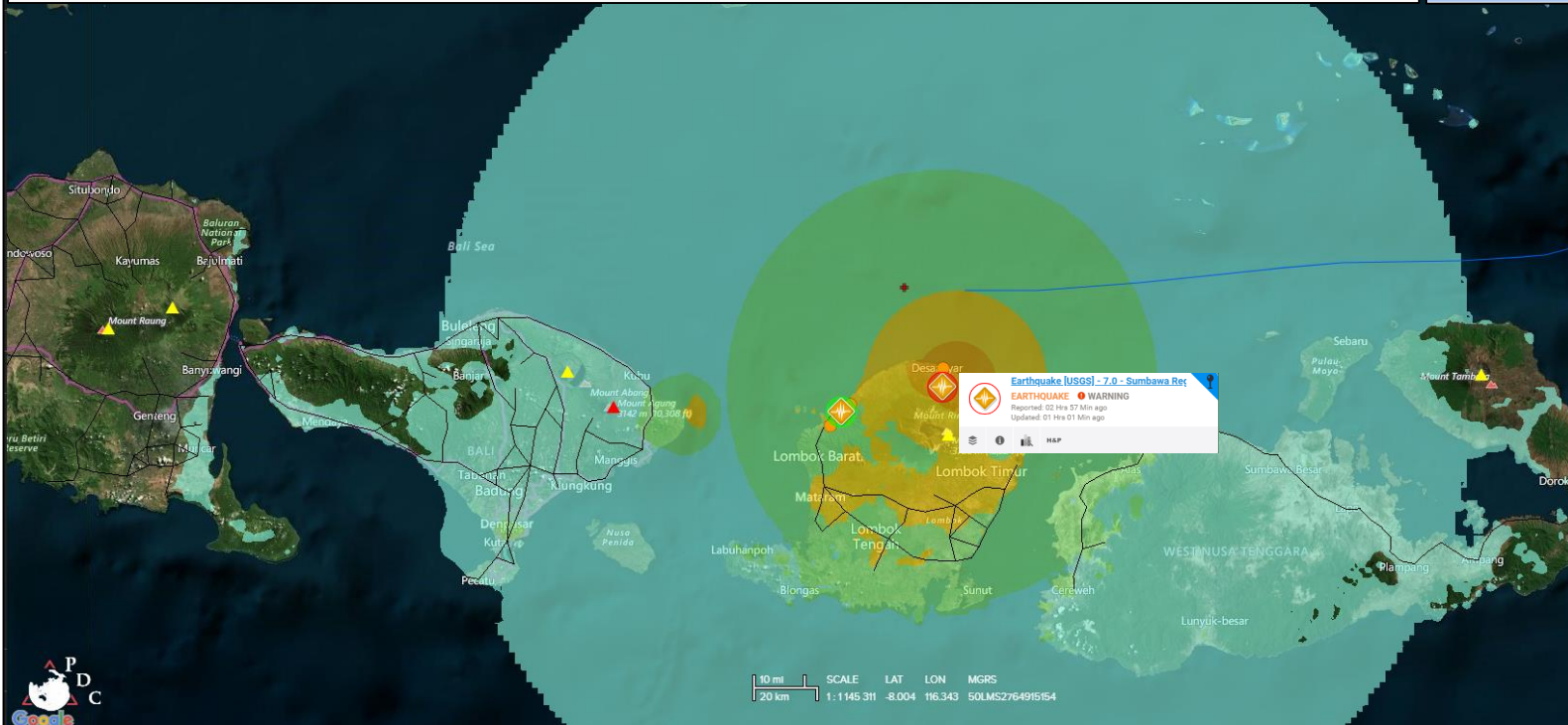


ONE ASEAN ONE RESPONSE


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

EVENT	YANGON	BANGKOK	SINGAPORE	TOKYO	SYDNEY
<b>14:36</b>	<b>14:36</b>	<b>21:36</b>	<b>22:36</b>	<b>23:36</b>	<b>00:36</b>
AUG 5, 2018	AUG 5, 2018	AUG 5, 2018	AUG 5, 2018	AUG 5, 2018	AUG 6, 2018

Intensity	II	III	IV	V	VI	VII	VIII	IX
People Exposed (x 1000)	0	3499	7772	707	2110	1031	0	0
Perceived Shaking	Weak	Weak	Light	Moderate	Strong	Very strong	Severe	Violent



## Summary as of 5 August 2018, 2200 hrs (UTC +7), M 7.0 Lombok Earthquake, Indonesia

- 1) A Magnitude 7.0 earthquake occurred on 5 August 2018 18:46 hrs (UTC +7), with epicenter at a depth of 10 km and located at 8°22'12.0" S & 116°28'48.00" E (inland), in the area of West Nusa Tenggara Province, Indonesia ([BMKG](#)). The earthquake felt in Lombok, Bali and Sumbawa Island with the reported intensity around II-VIII MMI. **Around 3,848,000 people exposed to intensity V-VII MMI** ([InaSAFE](#), [BNPB](#)).
- 2) Despite being an inland earthquake, Indonesia Tsunami Early Warning System ([InaTEWS](#), [BMKG](#)) immediately triggered tsunami warning for North Lombok and East Lombok regencies, with a maximum potential tsunami height of 0.5 m. A minor tsunami with maximum height 0.135 m was observed in Carik, North Lombok Regency. As of 5 Aug 2018, 20.50 (UTC +7), [BMKG](#) has cancelled the tsunami warning.
- 3) Local governments have assisted the exposed population in evacuation process. Lost of power was reported across East Lombok Regency.
- 4) The earthquake occurred one week after a strong M 6.4 earthquake hit the same area on 29 July 2018 and resulted in 17 fatalities, 365 injuries, 8,871 people displaced & more than 14,000 houses damaged ([BNPB](#)). West Nusa Tenggara Province is still in emergency response period until 11 August 2018 ([BNPB](#)).
- 5) AHA Centre has established communication with National Disaster Management Authority (BNPB) of Indonesia. Indonesian Armed Forces & National Search and Rescue Agency (Basarnas) are deploying 3 Hercules to the disaster area (ETD 6 August 2018 morning). At this point, there is no indication that international assistance will be required.
- 6) AHA Centre Disaster Monitoring & Response System ([DMRS](#)) triggered "Warning" Alert for this strong earthquake & tsunami warning. ASEAN Emergency Response & Assessment Team (ERAT) roster has been alerted for potential deployment.
- 7) AHA Centre will provide additional Flash Update(s) once information become available.

**DATA SOURCES**  
 ASEAN Disaster Monitoring & Response System (DMRS);  
 Indonesia: BNPB, BPBD Bali, BPBD West Nusa Tenggara,  
 BMKG, PVMIBC-ESDNI;  
 Pacific Disaster Center (PDC Global); US Geological Services  
 (USGS);  
 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  
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**PERINGATAN DINI TSUNAMI**  
BADAN METEOROLOGI KLIMATOLOGI DAN GEOFISIKA INATEWS



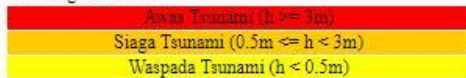
**Magnitude** **7,0**  
**Waktu** : 05-Aug-18 18:46:35 WIB  
**Lokasi** : 8.37 LS - 116.48 BT  
**Kedalaman**: 15 Km  
**Keterangan lokasi gempa bumi** :  
 18 km BaratLaut LOMBOKTIMUR-NTB  
 22 km TimurLaut LOMBOKUTARA-NTB  
 42 km TimurLaut LOMBOKTENGAH-NTB  
 48 km TimurLaut MATARAM-NTB  
 1100 km Tenggara JAKARTA-INDONESIA  
**(Pemutakhiran)**

### Berpotensi TSUNAMI untuk diteruskan pada Masyarakat

**BERPOTENSI TERJADI TSUNAMI DI WILAYAH**

Propinsi	Lokasi	Status	Estimasi	Tanggal
			waktu tiba [YYYY-MM-DD]	
			[WIB]	
NTB	LOMBOK-BARAT BAGIAN UTARA	WASPADA	18:48:35	2018-08-05
NTB	LOMBOK-TIMUR BAGIAN UTARA	WASPADA	18:48:35	2018-08-05

Keterangan Warna :



Responders may wish to consider information below on access and weather forecast in the area ([DMRS](#)). Ngurah Rai International Airport & Lombok International Airport have resumed their operations (CAA 5 Aug 2018, 2200hrs UTC+7)

**Airports**

Name	Type	Elevation (ft)	Link	Lat/Long
Ngurah Rai International Airport	Public	11	-	8.75° S / 115.17° E
Mataram Airport	-	52	-	8.56° S / 116.09° E
Praya/Lombok International Airport	Public	319	<a href="#">more info</a>	8.72° S / 116.29° E

Source: [Airports](#)

**Seaports**

Name	Harbor Size	Harbor Type	Lat/Long
TANJUNG BENETE	Very Small	Coastal Natural	8.9° S / 116.75° E
BENOA	Very Small	Coastal Natural	8.75° S / 115.22° E
AMPENAN	Very Small	Open Roadstead	8.57° S / 116.07° E
LABUHANHAJI	Very Small	Open Roadstead	8.7° S / 116.57° E

Source: [Seaports](#)

**Infrastructure & Critical Facilities:**



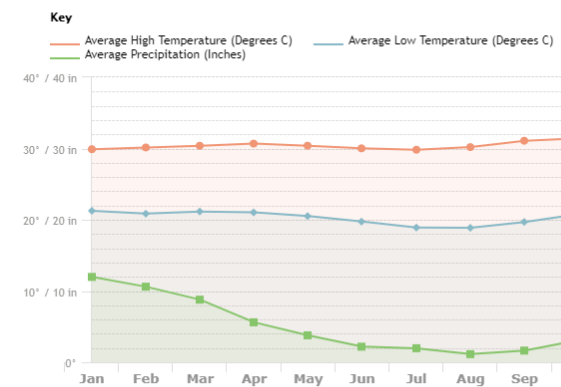
**Meteorological Observations:**

// 05 Aug 2018 // 14:00:00 (UTC--8)

Temperature	75.20F
Wind Speed	5MPH
Wind Direction	-
Sky Condition	Few clouds 1700 ft.
Lat/Long	8.75° S, 115.17° E

Source: [METAR-NOAA/AWC](#)

**Temperature & Precipitation:**



Source: [Temperature, Precipitation](#)

Two figures above exhibit the tsunami warning triggered by Indonesian Tsunami Early Warning System (InaTEWS, BMKG) and warned population in North Lombok and East Lombok to remains alert for potential tsunami (yellow color). A minor tsunami (0.135 m) was observed and the warning was cancelled on 2050 hrs (UTC +7).