



ONE ASEAN  
ONE RESPONSE

# WEEKLY DISASTER UPDATE

Week 21  
20 – 26 May 2019

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#### SOURCES

ASEAN Disaster Monitoring & Response System (DMRS);  
ASEAN Specialised Meteorological Centre (ASMC); Pacific  
Disaster Center (PDC Global); United Nations Office for the  
Coordination of Humanitarian Affairs (OCHA)

Indonesia: BNPB; Thailand: DDPM; Viet Nam: VNDMA

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  
emergency response.

This update consists of significant natural disaster events  
that occurred in ASEAN Member States – Brunei  
Darussalam, Cambodia, Indonesia, Lao PDR, Malaysia,  
Myanmar, Philippines, Singapore, Thailand, and Viet Nam.  
The disasters recorded include Drought, Flood, Earthquake,  
Tsunami, Volcano, Wind, Landslide, and Storm.

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

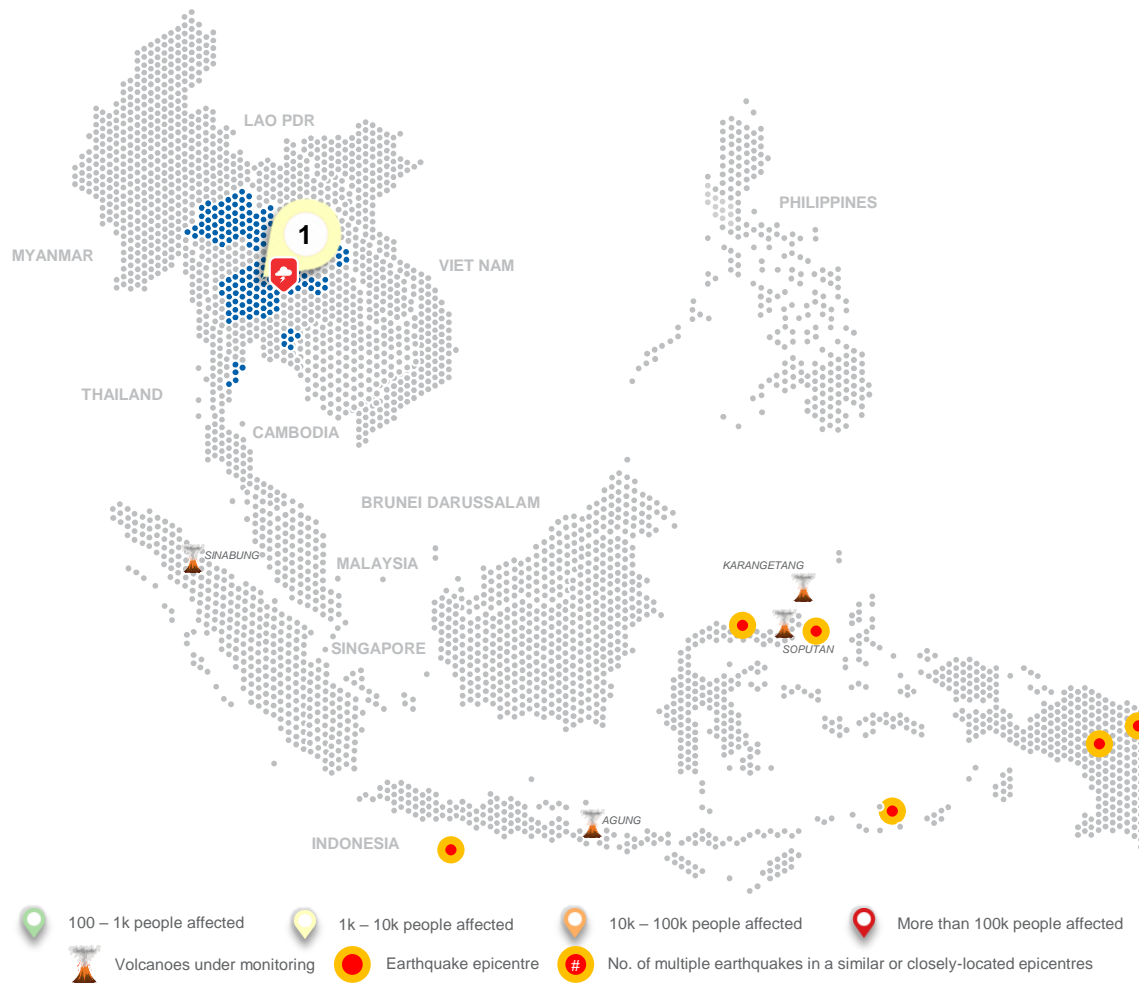
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SCAN TO SUBSCRIBE



- 100 – 1k people affected
- 1k – 10k people affected
- 10k – 100k people affected
- More than 100k people affected
- Volcanoes under monitoring
- Earthquake epicentre
- No. of multiple earthquakes in a similar or closely-located epicentres

## REGIONAL TALLY

14,708\*  
AFFECTED PERSONS

0\*  
DISPLACED PERSONS

3,677\*  
DAMAGED HOUSES

1\*  
DEAD

0\*  
MISSING

7\*  
INJURED

#### 01 Thailand: Storm

20 May 2019 | More details at:  
<http://adinet.ahacentre.org/reports/view/1432>

## REGIONAL SUMMARY:

During the week, there was only one (1) disaster reported in the region which occurred in Thailand. This event however could be related by the entering south-west monsoon season where scattered showers in the northern ASEAN region are expected to occur, and might strengthen in the mid year. However, in the southern region, particularly Java island remained generally dry according to [ASMC](#). In addition, isolated hotspots with smoke plumes were detected in some area such as Sumatra, Peninsular Malaysia and even in Mekong Sub-region.

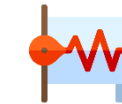
## HIGHLIGHT:

According to [DDPM](#), atmospheric conditions in Thailand, especially in the northern, central, and eastern provinces, have been conducive for the development of low pressure areas. This resulted to storms and heavy rainfall, which damaged houses and brought casualties. Such atmospheric conditions may have been affected by the inter-monsoon period and the strengthening of the Southwest Monsoon.

## HYDRO-METEO-CLIMATOLOGICAL:

After dry season ended in northern ASEAN region, scattered showers occurred in particular areas as expected. Thailand, Viet Nam, have experienced heavy rains that accompanied by strong winds and even localised tornadoes. According to [VNDMA](#) (Viet Nam) some areas in Mong Cai city have experience flood and landslides.

## GEOPHYSICAL:



The geophysical hazard during the week were only occurred in Indonesia's area. This archipelagic country experienced six (6) earthquakes with magnitude 5.0 and above with no significant damage is reported.



On the other hand, Mt. Sinabung is downgraded to alert level III (*siaga*) after had been staying on highest alert level since June 2015. This has made Mt. Sinabung joined the three other volcanoes which on the same alert level with continuous advance monitoring (Mt. Sopotan, Mt. Karangetang, and Mt. Agung). In addition, Mt. Agung had erupted on 24 May 2019 and [BNPB](#) reported that 12 sub-districts were affected by sand and ash rain. However, there were no evacuation since most of the population are in the safe zone.

## OUTLOOK:

As the southwest monsoon entering the early June, scattered showers are expected in the ASEAN region. According to [ASMC](#) the prevailing winds are forecast to blow from south or southwest over the Mekong sub-region, while the prevailing winds in the southern part are expected to blow from southeast or south.

\* Estimations are based on data reported/confirmed by National Disaster Management Organisations of each respective ASEAN Member State and other verified sources