



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 50
13 – 19 Dec 2021

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SOURCES

ASEAN Disaster Monitoring & Response System (DMRS);
ASEAN Specialised Meteorological Centre (ASMC); Joint
Typhoon Warning Centre (JTWC);

Indonesia: BNPB, BMKG, PVMBG;
Malaysia: NADMA;
Philippines: NDRRMC, PAGASA, PHIVOLCS, DSWD;
Thailand: DDPM;
Viet Nam: NCHMPF;

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.

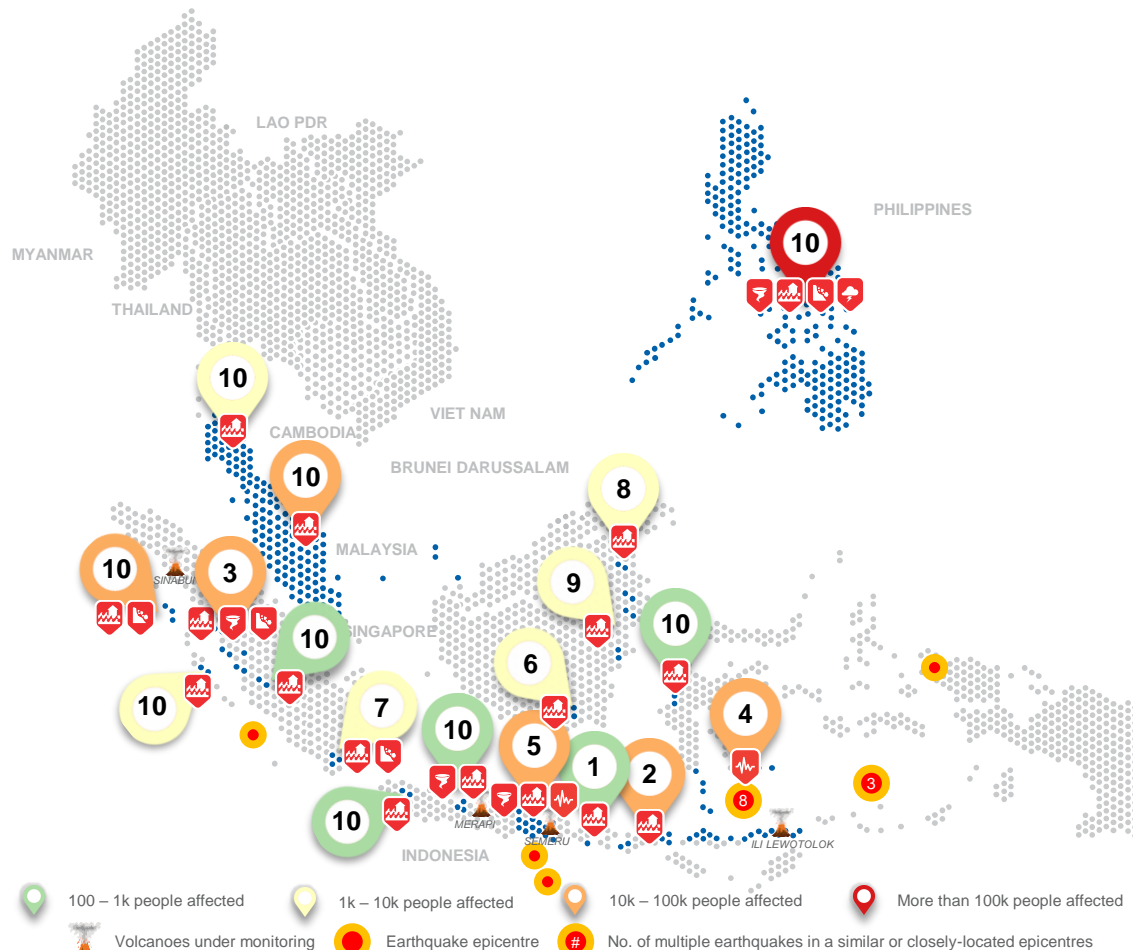
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REGIONAL TALLY



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

- 01 Indonesia, Flooding in [Klungkung Regency \(Bali\)](#)**
13 Dec 2021
- 02 Indonesia, Flooding in [Bima City, Dompu, West Sumbawa, and Dompu Regency \(West Nusa Tenggara\)](#)**
13, 13, 13, 18 Dec 2021
- 03 Indonesia, Flooding in [Dharmasraya](#), Flooding and Landslide in [Pesisir Selatan](#), and [West Pasaman](#), and Flooding, Landslide and Strong Wind in [Padang Pariaman Regency \(West Sumatra\)](#)**
13, 17, 17, 18 Dec 2021
- 04 Indonesia, [M7.4 Earthquake in East Flores Regency \(East Nusa Tenggara\)](#)**
14 Dec 2021
- 05 Indonesia, Strong Wind in [Situbondo, Madiun, Malang, and Jember](#), Flooding in [Situbondo, Madiun, and Lamongan](#), and M5.1 Earthquake in [Jember \(East Java\)](#)**
14, 15, 15, 15, 16, 16, 18, 18 Dec 2021
- 06 Indonesia, Flooding in [Banjar Regency \(South Kalimantan\)](#)**
14 Dec 2021
- 07 Indonesia, Flooding and Landslide in [Tanggams Regency and Flooding in Pesawaran Regency \(Lampung\)](#)**
15, 16 Dec 2021
- 08 Indonesia, Flooding in [Bulungan Regency \(North Kalimantan\)](#)**
15 Dec 2021
- 09 Indonesia, Flooding in [Berau, East Kutai, and North Penajam Paser \(East Kalimantan\)](#)**
15, 17, 18 Dec 2021
- 10 Other events: Indonesia – [Sungai Penuh \(16-12\)](#), [Gunung Sitoli \(17-12\)](#), [Pekalongan \(17-12\)](#), [Mentawai \(17-12\)](#), [Punwakarta \(17-12\)](#), [Kampar \(17-12\)](#), [North Nias \(18-12\)](#), [Nias \(18-12\)](#), [Mandailing Natal \(18-12\)](#), [Grobogan \(19-12\)](#), [Mamuju \(19-12\)](#); Malaysia – [Peninsular Malaysia \(17-12\)](#); Philippines – [TC RAI \(16-12\)](#); Thailand – [Yala, Narathiwat, and Songkhla \(17-12\)](#).**

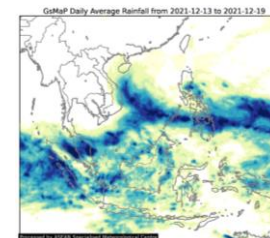
REGIONAL SUMMARY:

For the fiftieth (50th) week of 2021, a total of 51 disasters (2 earthquakes, 32 floods, 9 landslides, 1 storm, and 7 wind-related) affected the region. Indonesia, Malaysia, the Philippines, and Thailand have reportedly been affected. Heavy rainfall has caused flooding, rain-induced landslides, and tornado in Sumatra, Java, Bali Nusa Tenggara, Kalimantan, Sulawesi and islands surrounding, and 2 earthquakes affecting East Java, East Nusa Tenggara, Maluku, South Sulawesi, and Southeast Sulawesi as reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). For Malaysia, floods were reported by Agensi Pengurusan Bencana Negara ([NADMA](#)) in Peninsular Malaysia. Tropical Cyclone (TC) RAI caused flooding, landslides, storms, and winds in Region II, V, VI, VII, VIII, IX, X, XI, XII, CALABARZON, MIMAROPA, CARAGA, BARMM, and NCR in the Philippines as reported by the Philippine's National Disaster Risk Reduction and Management Council ([NDRRMC](#)). The Thailand's Department of Disaster Prevention and Mitigation ([DDPM](#)) reported flooding in the South Region of Thailand.

HIGHLIGHT:

According to the Philippine's [NDRRMC](#), TC RAI resulted in a floods, landslides, storms and winds in Region II, V, VI, VII, VIII, IX, X, XI, XII, CALABARZON, MIMAROPA, CARAGA, BARMM, and NCR. According to the report, TC RAI made landfall in Surigao del Norte, Dinagat Islands, Southern Leyte, Bohol, and Cebu (16 Dec), Negros Oriental, and Palawan (17 Dec) in the Philippines. As of 20 Dec, the events have affected 465.2K families (1.85M people), claim the life of 58 individuals, 18 people reported missing, 199 injured, caused damages to 54.8K houses, 41 roads, and 4 bridges. According to the report, a total of 292.3K USD worth of assistance have been provided to the victims by the DSWD, the Local Government Units (LGUs), and Non-Government Organizations (NGOs) ([DSWD](#)). [The AHA Centre](#) has heightened monitoring efforts on the impacts of TC RAI and stand ready to support and coordinate with the NDRRMC-OCD of the Philippines for potential regional support. The AHA Centre activated its ICLT, who is currently stationed in the Philippines, to facilitate operational coordination with the NDRRMC-OCD.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall spreading across Sumatra and Kalimantan, Indonesia; the Philippines and coast of Viet Nam as a result of Tropical Cyclones RAI; and Peninsular Malaysia. As of 20 Dec at 2200 HRS UTC+7, TC RAI has been forecasted to have weakened into a low pressure area and TC CHANTHU and INVEST 95B are located outside/moving away from the Region ([PAGASA](#), [NCHMF](#), [JTWC](#)).

GEOPHYSICAL:

Seventeen (17) significant earthquakes (M≥5.0) were recorded in the region by Indonesia's Badan Meteorologi Klimatologi dan Geofisika ([BMKG](#)) and the Philippine Institute of Volcanology and Seismology ([PHIVOLCS](#)). Mount Ili Lewotolok (alert level III), Semeru (alert level III), Awu (alert level II), and Kerinci (alert level II) in Indonesia, and Mount Taal (alert level 2) and Kanlaon (alert level 1) in the Philippines reported recent volcanic activity according to Pusat Vulkanologi dan Mitigasi Bencana Geologi ([PVMBG](#)) and [PHIVOLCS](#).

OUTLOOK:

According to the ASEAN Specialised Meteorological Centre ([ASMC](#)), for the coming week, drier conditions are expected over the central equatorial region. La Niña conditions are now present in the Pacific. At the seasonal timescale, La Niña events bring wetter conditions to much of the ASEAN region.