



ONE ASEAN
ONE RESPONSE

WEEKLY DISASTER UPDATE

Week 8
22 – 28 Feb 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;

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 reference, not warranted to be error-free or implying
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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

Indonesia

01 Flooding in Sumbawa, Dompu, and Central Lombok Regency (West Nusa Tenggara)

22, 23, 26, 28 Feb 2021 | More details at: [ADinet Report 2264 2266 2285 2291](#)

02 Flooding in West Halmahera and Earthquake in South Halmahera Regency (North Maluku)

22, 26 Feb 2021 | More details at: [ADinet Report 2273 2283](#)

03 Flooding in Semarang and Whirlwind in Demak, Pekalongan, and Kendal Regency (Central Java)

23, 23, 26, 26, 26 Feb 2021 | More details at: [ADinet Report 2279 2270 2282 2286 2287](#)

04 Winds in Ogan Ilir Regency (South Sumatera)

23 Feb 2021 | More details at: [ADinet Report 2274](#)

05 Whirlwind and Flooding in Serang Regency (Banten)

24 Feb 2021 | More details at: [ADinet Report 2277 2278](#)

06 Flooding in Cirebon and Indramayu Regency (West Java)

24, 27 Feb 2021 | More details at: [ADinet Report 2280 2292](#)

07 Flooding in Lumajang, Jember, and Situbondo Regency (East Java)

27, 27, 27 Feb 2021 | More details at: [ADinet Report 2289 2288 2290](#)

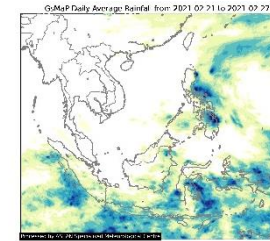
REGIONAL SUMMARY:

A total of 19 disasters (12 floods, 1 earthquake, and 6 wind-related) affected the region in the eighth week of 2021. Indonesia has reportedly been affected. Localised heavy rainfall and flooding events which also triggered the overflowing of rivers have been reported by Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)). A Magnitude 5.2 earthquake also caused minor damages in South Halmahera Regency, North Maluku.

HIGHLIGHT:

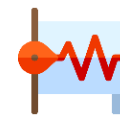
According to the report from the [BNPB](#), high intensity rain on 23 February caused flooding in six (6) sub-districts of Semarang City (East Semarang, North Semarang, West Semarang, Pedurangan, Genuk, and Gayam Sari). As many as 18.1K families (90.6K people) have reportedly been affected, and 9.2K houses submerged in 10-75 cm of flood waters (reported as of 26 February). Flooding has receded. Local disaster management agencies conducted rapid assessments, coordinated with relevant agencies, facilitated the evacuation of the affected residents, and managed food logistics and aid.

HYDRO-METEO-CLIMATOLOGICAL:



For the past week, data from the ASEAN Specialised Meteorological Centre ([ASMC](#)) showed high 7-day average rainfall over the eastern coasts of Luzon and over CARAGA region of the Philippines as well as over most parts of Indonesia (Papua, Kalimantan, and Java). Accordingly, flooding has been reported some of these areas. As of reporting, there are no tropical cyclone advisories in the region ([JTWC](#)).

GEOPHYSICAL:



Seven (7) significant earthquakes (M≥5.0) were recorded in the region by Indonesia's Badan Meteorologi Klimatologi dan Geofisika ([BMKG](#)). A M5.2 earthquake resulted in minor damages in South Halmahera Regency in North Maluku. Mt. Sinabung in Indonesia reported recent volcanic activity, is on Alert Level III and is under close monitoring. Lastly, Ibu, Raung, Semeru, and Dukono in Indonesia remain on Alert Level II despite recent volcanic activity per [PVMBG](#).

OUTLOOK:



For the coming week, the [ASMC](#) forecasts drier conditions over the western maritime continent (Philippines and Indonesia) and southern mainland Southeast Asia; and warmer conditions over central mainland Southeast Asia; For the regional assessment of extremes, there is a small increase in chance for: a very heavy rainfall event to occur in Southern Philippines and Nusa Tenggara; extended dry conditions in Southern Sumatra, western Java, southern Borneo, and Sulawesi; and extreme hot conditions in central mainland Southeast Asia (southern Myanmar, Thailand, Lao PDR, and Cambodia), and the Philippines.