

SUNDAY

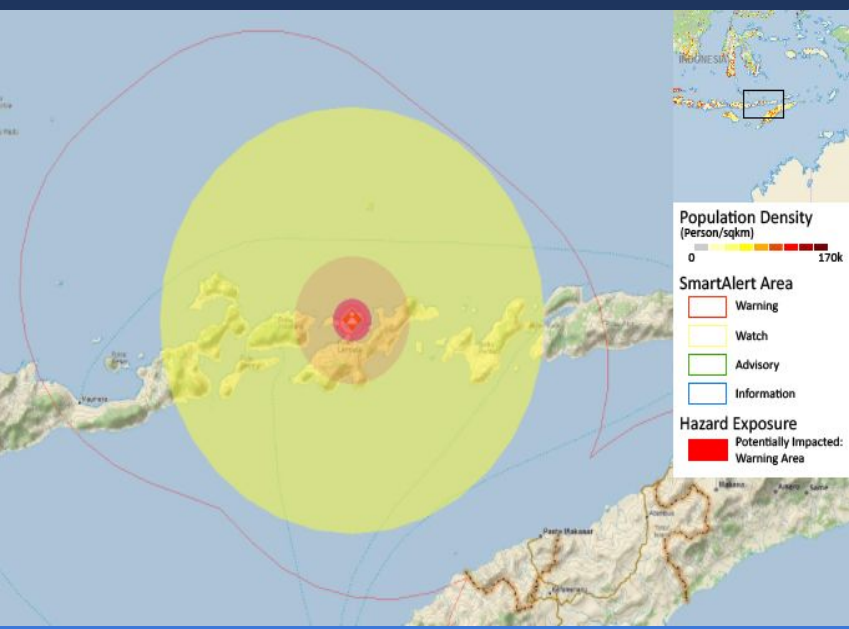
29 NOV 2020

1200 HRS UTC +7

# ILI LEWOTOK VOLCANIC ERUPTION INDONESIA FLASH UPDATE #1



ONE ASEAN ONE RESPONSE



## ESTIMATED IMPACTS

Note: Estimations are as reported by the ASEAN Disaster Monitoring and Response System and represent the TOTAL estimated number of exposed to the hazard

**487,833**  
ESTIMATED POPULATION EXPOSED

**108,408**  
ESTIMATED HOUSEHOLDS EXPOSED

**\$1.38 Billion**  
USD ESTIMATED TOTAL REPLACEMENT VALUE OF BUILDINGS AND INFRASTRUCTURE

**25.2% RESIDENTIAL**  
**33.2% SERVICE**  
**21.9% INDUSTRIAL**  
**19.6% SCHOOLS**  
**<1% HOSPITALS**

## Indonesia

- Volcanic activity has been reported for **Mount Ili Lewotok** in East Nusa Tenggara, Indonesia by the Volcanic Ash Advisory Centre ([VAAC](#)) Darwin on 29 November 2020, 1020h. This volcanic activity is reported based on aerial, satellite and/or ground observations.
- According to Indonesia's Pusat Vulkanologi dan Mitigasi Bencana Geologi ([PVMBG](#)), the eruption column of **Mt. Ili Lewotok** on Sunday, 29 November 2020, at 0845h was observed to be **± 4000 m above the peak (± 5423 m above sea level)**. The ash column was observed to be gray with thick intensity towards the east and west. This eruption was recorded on a seismograph with a **maximum amplitude of 35 mm** and a **duration of 600 seconds**.
- Based on the currently available data, it is estimated that **a total of 487,833 people (108,408 households) and \$1.38 Billion (USD) of infrastructure\*** are exposed to the hazard; **12,526 people (2,784 households) and \$32.6 Million (USD) of infrastructure\*** of which are within 10 km-radius and more likely to be adversely impacted, and that **132,491 people (29,442 households) and \$362 Million (USD) of infrastructure\*** of which (\*cost represents the total replacement value of the infrastructure) are within 10-30 km-radius from the volcano.
- Regarding the situation of volcanic activity, [PVMBG](#) recommends that people around Mount Ili Lewotok and anyone who wants to climb to not stay or do activities within the danger zone, around mountain craters, and in all areas within a radius of 2 km from the summit of the volcano.
- Indonesia's Badan Nasional Penanggulangan Bencana ([BNPB](#)) noted that to date, PVMBG has recorded three volcanoes with the status of Alert Level III, while there are no volcanoes with the status of the highest Alert Level (IV). The three volcanoes are Mount Sinabung in North Sumatra, Mount Merapi on the border of Yogyakarta and Central Java and Mount Karangetang in North Sulawesi.
- According to [PVMBG](#), Mount Ili Lewotok has been in Alert Level II status since 7 October 2017. The increase in status was triggered by an increase in volcanic activity in the form of significant seismicity, especially local tectonic earthquakes, deep volcanic and shallow volcanic since mid-September 2017.
- The [BNPB](#) is still coordinating with relevant authorities to assess the impact of the eruption. The Palang Merah Indonesia ([PMI](#)) team identified the urgent need at this time--masks (5000) and shelter for residents who are displaced.
- The AHA Centre will continue to monitor for further developments and issue necessary updates as additional information becomes available by official sources.