



Another Major M7.7 Earthquake shaking in Nagekeo, East Nusa Tenggara, Indonesia

M7.7 Earthquake in Nagekeo, East Nusa Tenggara, Indonesia, on 15 August 2026

On 15 August 2026, a major M7.7 earthquake struck offshore Nagekeo Regency, East Nusa Tenggara Province, Indonesia. The earthquake's epicenter was located approximately 30 kilometers northeast of Mbay at a depth of 15 kilometers. Following the earthquake, the Meteorological, Climatological, and Geophysical Agency (BMKG) temporarily activated a tsunami early warning after sea-level rises were detected at 10 observation stations. The BMKG subsequently recorded 37 aftershocks, ranging in magnitude from M3.6 to M6.2.

Damage and losses

Impact on the affected area

The earthquake caused damage to agricultural infrastructure and facilities across several regencies in East Nusa Tenggara Province. Reported damage included irrigation networks and canals, boreholes, check dams, farm roads, water channels, and other agricultural buildings and facilities. This damage disrupted water supply to rice fields and affected agricultural activities.

The affected agricultural land was reported in Sikka, West Manggarai, Manggarai, East Manggarai, Nagekeo, and Ende Regencies, covering an estimated total area of 2,046.84 hectares. Impacts and population displacement were also reported in West Nusa Tenggara and South Sulawesi Provinces.

A total of 111 fatalities were reported across several regencies, including Manggarai, East Manggarai, Sikka, Ngada, and Ende. In addition, 1,740 people were injured and 192,303 people were displaced. Beyond the agricultural sector, a total of 502 educational facilities were damaged across Sikka, Ende, Nagekeo, Ngada, East Manggarai, Manggarai, and West Manggarai Regencies. Damage was also reported to 157 health facilities, 515 places of worship, 532 offices, 71 bridges, and 43 irrigation facilities. Several airport buildings were also damaged, while Reo Port and Maumere Port were affected.

Agricultural devastation

Agricultural land: Agricultural land in several districts was affected by the earthquake. The total estimated affected area distributed as follows:

- Sikka Regency: 150.25 hectares.
- West Manggarai Regency: 175.50 hectares.
- Manggarai Regency: 566.48 hectares.
- East Manggarai Regency: 863.10 hectares.
- Nagekeo Regency: 193.41 hectares.

- Ende Regency: 98.10 hectares.

Affected crops: Two crops were reported as damaged, with the estimated quantities as follows:

- Rice crop: 10,786 tons damaged.
- Coffee crop: 0.063 tons damaged.

Government responses and countermeasures

The Government of Indonesia, through the National Disaster Management Agency (BNPB), the Ministry of Social Affairs, local governments, and other relevant agencies, has provided assistance to affected communities and displaced persons. The assistance includes basic necessities, ready-to-eat meals, drinking water, rice, medicines, evacuation and family tents, mats, blankets, folding mattresses, hygiene kits, and other essential supplies. Support also includes healthcare, sanitation and hygiene services, and the operation of public kitchens. Aid has been transported by air and sea to affected areas, including Sikka, Ende, Manggarai, West Manggarai, East Manggarai, and Nagekeo Regencies.

Damage data collection and verification, together with assessments of rehabilitation and reconstruction needs, are being conducted by central and local government authorities. In the agricultural sector, the NTT Provincial Agriculture and Food Security Office is monitoring rice crops and inspecting agricultural infrastructure following the earthquake in East Manggarai Regency to inform appropriate follow-up actions. The Ministry of Public Works, through the Directorate General of Water Resources (DGWR) and the Nusa Tenggara II River Basin Organization (BBWS Nusa Tenggara II), is implementing response and recovery measures for affected water resources infrastructure. These efforts include assessing and treating water sources in Sikka Regency and preparing geoelectrical surveys to identify potential new water sources.

BNPB is also preparing the Post-Disaster Needs Assessment (Jitupasna) and the Rehabilitation and Reconstruction Action Plan (R3P) to guide post-disaster rehabilitation and reconstruction efforts.

The agricultural recovery program includes the rehabilitation of damaged rice fields and tertiary irrigation networks, the provision of free seeds and agricultural machinery, and the replacement of damaged plantation crops, including coffee, cocoa, and coconut. Farmers may apply for assistance through local government authorities or agricultural extension officers (PPL).

The Government of Indonesia continues to prioritize the use of national capacities and resources in responding to the earthquake and has not yet requested or opened the response to international assistance. Several countries, including Russia, the United Arab Emirates, Malaysia, and the United States, have expressed their sympathy and solidarity with Indonesia and the affected communities. The European Union has also expressed its readiness to support search and rescue efforts through Copernicus Earth Observation satellites. However, based on the sources reviewed, there is currently no information indicating that international assistance has been received or distributed in the affected areas.

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