

2025-Earthquake Situation Report

31th March, 2025

(1) Situation and Overview

(1.1) Disaster Information

Disaster	Earthquake Situation of Nay Pyi Taw, Sagaing, Mandalay, Bago East, and Southern Shan
Damage caused	Blocked transport route, Bridge, In fracture, Water Sources, Hospitals
Primary needs	Drinking waters, Basic Foods, First Aid, MHPSS, Health Care and Shelter

(1.2) Background

(DMH-Issued at 14:15 hrs M.S.T. on 28-3-2025)

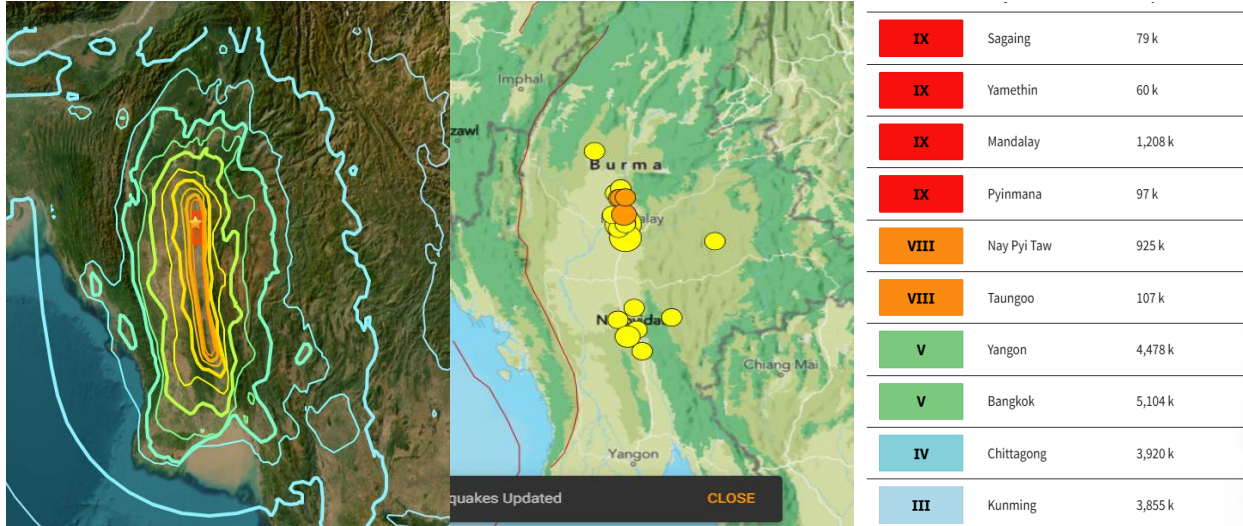
On 28 March, at around 12:50 PM local time, a powerful 7.7 magnitude earthquake struck central Myanmar, with its epicentre near Mandalay and Sagaing cities at a shallow depth of 10km. The tremors were felt across the country and beyond. Another 6.4 magnitude earthquake further south followed within minutes. Preliminary reports indicate that upwards of 1,000 people have been killed and over 2,200 others injured, while approximately 200 others are missing in central and northwestern Myanmar. The majority of the deaths were reported in the Mandalay area. The State Administration Council (SAC) has declared a state of emergency for Bago Region, Mandalay Region, Nay Pyi Taw Union Territory, Sagaing Region and parts of Shan State and called for international assistance. The earthquake caused widespread destruction of homes and severe damage to critical infrastructure. Initial reports indicate that Mandalay International Airport (with commercial flights cancelled until further notice), major bridges, roads, universities, hotels, historical and religious sites and public service buildings in urban and rural areas have been heavily damaged or destroyed. Thousands of people are spending the nights on the streets or open spaces due to the damage and destruction to home or fearing further quakes.

Distance and Direction and Population Data from Epicenter to Nearby Places

Place	Region	Distance from Epicenter	Direction	Population
Sagaing	Sagain, Burma	14.2 km (8.8 mi)	SSE	78,739
Mandalay	Mandalay, Burma	16.5 km (10.2 mi)	E	1,208,099
Kyaukse	Mandalay, Burma	48.6 km (30.2 mi)	SSE	50,480
Pyin Oo Lwin	Mandalay, Burma	54.9 km (34.1 mi)	E	117,303

Place	Region	Distance from Epicenter	Direction	Population
Shwebo	Sagain, Burma	67.9 km (42.2 mi)	NNW	88,914

(1.3) Lasted Aftershock Data and Focusing Aftershock



Focusing Aftershock

Magnitude (M) of aftershock	within 1 Day	within 1 Week	within 1 Month	within 1 Year
M 7 or higher	1% in 200 chance of 1 or more	2% chance of 1 or more	8% chance of 1 or more	
M 6 or higher	5% chance of 1 or more	17% chance of 1 or more	30% chance of 1 or more	51% chance of 1 or more
M 5 or higher	36% chance of 1 or more	80% chance of 1 or more	Expect about 3	Expect about 8
M 4 or higher	Expect about 6	Expect about 15	Expect about 35	Expect about 75
M 3 or higher	Expect about 59	Expect about 150	Expect about 351	Expect about 752

(1.4) Emergency Operation Center (EOC)

- The MRCES EOC consistently monitored the daily earthquake situation and promptly shared updates from the Department of Meteorology and Hydrology (DMH) with the Emergency Task Force (ETF), Operations Response Team (ORT), PNSs, UN agencies, and relevant government departments.



- The EOC collected field data, entered it into the Daily Disaster Metadata system after coordination with the State/Region Red Cross Supervisory Committees and Branches, and prepared a Situation Report based on information management and data analysis.
- EOCs in earthquake-affected areas, including Pyay, Ayeyarwady, Bago, Kayin, Mon, and Southern Shan, were fully operational. On-job training was conducted for Red Cross Volunteers (RCVs), who remained on standby for EOC duties and response assignments.
- The HQ Rapid Assessment and Coordination Team arrived in Mandalay and is currently providing Mental Health and Psychosocial Support (MHPSS) to the affected communities.

(2) Disaster Management Department (DM)

- Communicate and Collect the Field Situations by contacting with Region / State Red Cross Supervisory Committee and Branches
- Checks the warehouse stocks in Central (Yangon and Nay Pyi Taw), related Regions/ States and Branches
- According to the response SOP, the State RCSC will use the State EMF for current response activities (HQ will reimburse the State EMF after WA clearance submission to HQ).
- MRCS-DM team will collaborate and share information with all humanitarian organizations who are ERP working group members
- 30.3.2025: Begin application for SWRC Initial Response Fund (96,238,000 MMK) and DRC (30,000 USD).
- 31.3.2025: Ensure all necessary equipment (e.g., first aid kits, communication devices, personal deployment kits) is packed and functional. Verify transportation arrangements, confirm departure times, and finalize documentation, including deployment schedules, contact lists, and emergency protocols.
- Deployment briefing sessions: roles and responsibilities were assigned, and key topics like MHPSS, safety and security guidelines, and mission objectives were covered. Expected challenges were discussed, along with contingency plans for unforeseen situations.

(3) Primary Affected areas and Population

The beneficiaries need drinking water, Basic food Items, Shelter, Toilet, hygiene materials, First aid, MHPSS and health care services. Public Hospital are not enough for health services.

(3.1) 30.3.2025 Data

No	State and Region	Affected HH	Death	Injury	Missing	RCV		Remarks
						M	F	
1	Nay Pyi Taw	677	494	1080	24	68	40	
2	Sagaing	450	379	1052	164	35	24	
3	Southern Shan	33	-	-	31	23	-	
4	Mandalay	57793	407	61	-	46	32	
5	Bago	568	37	204	-	52	37	

*The data might be increase

(4) Local Red Cross Volunteers Activities

In the earthquake-impacted regions of Mandalay Region, Sagaing Region, Bago Region, Nay Pyi Taw, and Shan State, local volunteers are collaborating with relevant authorities and Local organizations to conduct relief operations.

The ongoing efforts include: First aid Service, Emergency medical transfers of critically injured patients to hospitals/clinics, MHPSS, Emergency patient transportation, RFL, death body management, distribution management of donations from local benefactors to affected communities. These coordinated relief activities are currently being carried out to address the damage caused by the earthquake.

(4.1) Deployment RCV Plan

According to the Deployment RCV Plan from the previous day, we are making preparations to organize the RCV team, necessary items, funds, and financial documents for deployment to the earthquake-affected area. All arrangements are being finalized to ensure a smooth and efficient operation. The deployment is scheduled to commence on April 1st, and we aim to provide timely support and resources to assist those in need.

No	State and Region	Team	No of RCV	Remark
1	Mandalay	Team 1	10	With RFL 2 persons
2	Sagaing	Team 2	10	With RFL 2 persons
3	Nay Pyi Taw	Team 3	10	With RFL 2 persons
4	Bago (East)	Team 4	10	With RFL 2 persons



(4.2) Support for First Aid Service and WASH Unit Items to Affected Area

No	State and Region	Mobile Clinic	Ambulance	Structure	Water Unit	Trauma First Aid	Advance First Aid
1	Mandalay	2	1	5	1	20	20
2	Sagaing	1	1		1	20	20
3	Nay Pyi Taw			5		10	10
4	Bago					2	5
5	Southern Shan					3	5

(4.3) Coordination at Field

- UNHCR-Mandalay branches will hand over to MRCS within 2 days - 30 tarpaulins (bale) for constructing temporary shelters with bamboo structures outside five hospitals in Mandalay. Additionally, 500 NFIs will be provided to 500 households in Sein Ban quarter, Mandalay, affected by both the earthquake and fire, with each household receiving 2 tarpaulins, 2 mosquito nets, 2 sleeping mats, 1 kitchen set, and 2 blankets based on MRCS standards. Furthermore, 32 family tents will be distributed

to the affected populations in Amarapura township, where people currently lack shelter.

- CocaCola donate purified water bottle to Mandalay branches to distribute to priority need communities.

(5) Challenges and Basic Need Items

(5.1) Challenges

- Telecommunications and internet disruptions continue to hinder humanitarian communications and operations.
- Damaged roads and debris are obstructing humanitarian access and complicating needs assessments.
- Hospitals and health facilities have sustained extensive damaged
- One EOC are Damage and Communication Cutout
- Evacuated community are stay in open spaces (not enough shading areas and drinking water, domestic water)
- Shading place not enough under high temperature for evacuated families
- Out of electricity in Mandalay, Sagaing and Naypyitaw
- Market prices increase of basic food, water and fuel

(5.2) Mostly Requested from the Branches

- ORS, Water Purified, Food
- Tarpaulins, Mosquito Nets, Hygiene Materials, Shelter, RCVs Safety Mantrials
- Health Care Services, First Aid Kits, MHPSS
- Solor panel for light and communication
- Death Body Bags

For more information regarding this operation, please contact:

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Please show detail data in attachment of Earthquake Data 2025 file.