



Mt. Merapi Volcano Eruption, Central Java Province, Republic of Indonesia

HIGHLIGHTS

- On 26 October 2010, 17:02 local time, Mount Merapi Central Java began its eruption phase indicated by heat clouds and explosive eruptions with lava flow.
- Evacuation process initiated after the raise of volcano alert to level 4 on Monday, 26 October 2010, starting with 846 people from vulnerable groups as priority evacuees.
- Based on the recommendation of The Center of Volcanology and Disaster Management, 7 villages within 10 km radius from the summit are to be cleared, especially areas along the river banks.
- According to the Crisis Center, Ministry of Health, 28 people died, 91 people have been admitted to Sardjito hospital with respiratory difficulties and burn injuries, and 18,197 have been evacuated to 13 IDP sites.
- Communication line and electricity power were disrupted. Electricity power in the villages of the mountain slopes was deliberately turned down.
- Land transportation beyond 10 km restricted area is not disrupted. Air transportation is not affected. However, flights heading to Yogyakarta from east are recommended to fly with minimum altitude level of 11,000 feet.
- Ministry of Health deployed 10 staffs as advanced medical team to location and provided operational fund for Central Java Province (150,000,000 IDR) and DI Yogyakarta Province (50,000,000 IDR)
- MOH, Regional Crisis Center of Central Java, Provincial Health Office and District Health Office are in close collaboration with WHO Indonesia, provided integrated Emergency Health Services according to Standard Operating Procedures.

Affected Areas and Incident Site Mapping



Level 1: Normal, basaltic activity.

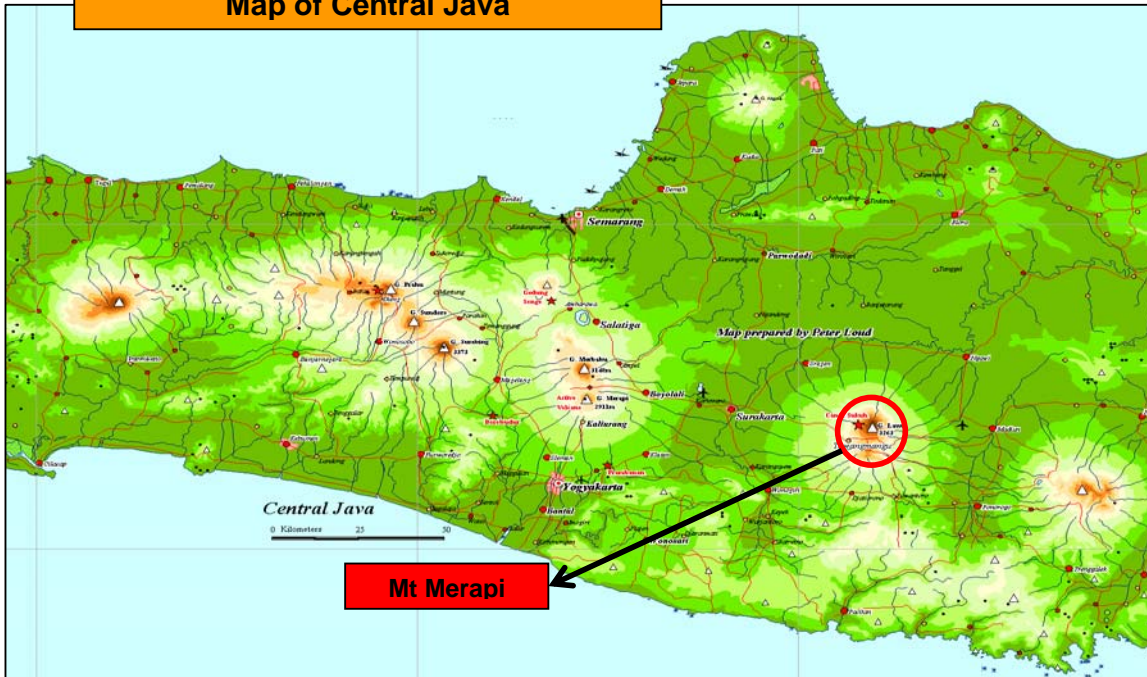
Level 2: Vigilant, Low activity.

Level 3: Ready, Possibility of major eruption within weeks.

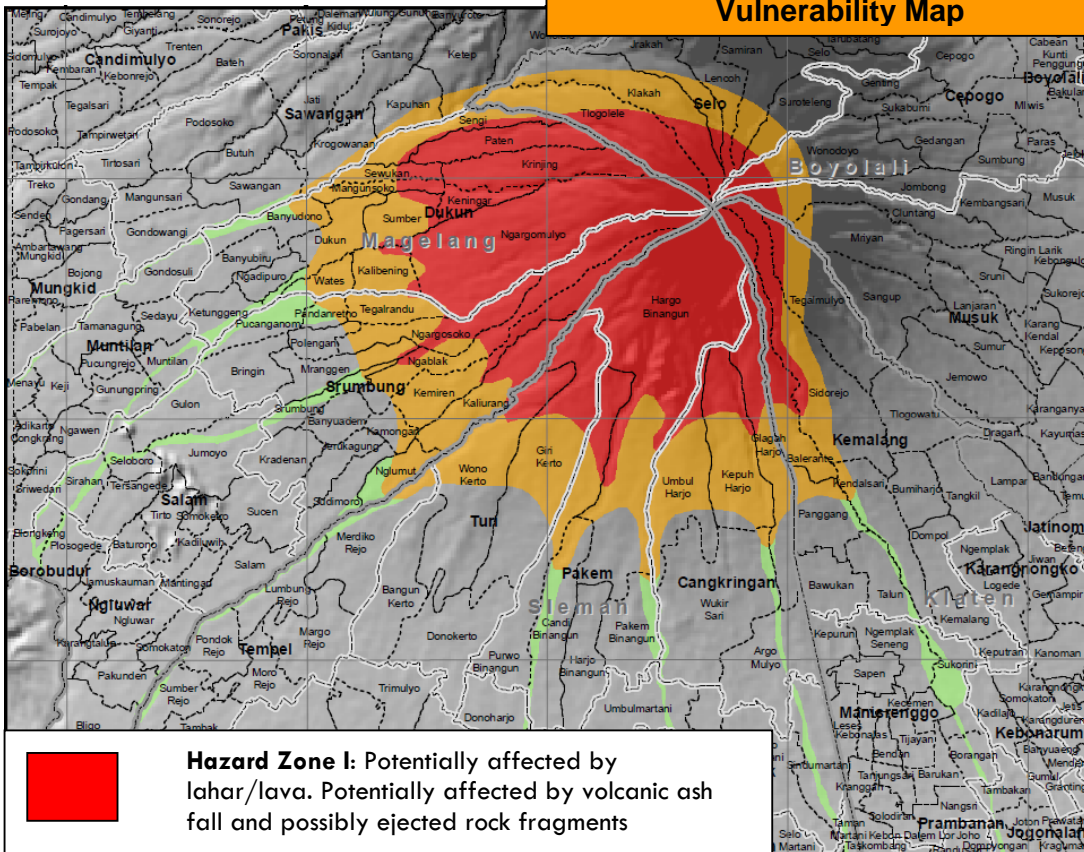
Level 4: Alert, major eruption is imminent (within 24 hours).






Map of Central Java



Vulnerability Map



-  **Hazard Zone I:** Potentially affected by lahar/lava. Potentially affected by volcanic ash fall and possibly ejected rock fragments
-  **Hazard Zone II:** Potentially affected by pyroclastic, lava, rock flows and ejected rock fragments
-  **Hazard Zone III:** Areas located near the hazard source, frequently affected by pyroclastic, lava, rock flows and ejected rock



Situation Analysis

- Administratively, Mount Merapi is located in 4 districts: Magelang District, Klaten District, and Boyolali District (Central Java Province) and Sleman District (DI Yogyakarta Province). It is the most active volcano in Indonesia and has erupted regularly since 1548. It is very close to the city of Yogyakarta, and thousands of people live on the flanks of the volcano, with villages as high as 1700 m above sea level.
- The Center of Volcanology and Disaster Management raised the alert level to level 4 on 25 October 2010. In accordance with this alert level, the following recommendations have been developed:
 - Communities living and working within 10 km radius circle around the volcano to be relocated to safer areas.
 - All activities along the river banks to be suspended.
- The vulnerable population within 10 km radius from the summit is 114,878 people.
- Evacuation process initiated after the raise of volcano alert to level 4 on Monday, 25 October 2010, starting with 846 people from vulnerable groups as priority evacuees. The start of eruption phase triggered a mass evacuation – 3,000 people immediately evacuated. Some local residents refused to be evacuated.

Casualties and Damages

Table showing casualties & damage:

Dead	Inpatient(s)	IDP	Damaged Health Facilities
28	91	18,197	0

The number of IDPs as per 27 October 2010 is shown in the following table:

District	Evacuation Point	Registered IDPs
Magelang	TPA Tanjung	93
	TPA Jeruk Agung	274
	BD Sudimoro	241
	Dukun Sub-District	4,186
	Muntilan Sub-District	2,968
	Srumbung Sub-District	2,723
	Sawangan Sub-District	527
	Salam Sub-District	2,226
	Mungkid Sub-District	60
Sleman		630
Boyolali		0
Klaten	Dompol Village	1,339
	Keputren Village	1,742
	Bawukan Village	1,188
Total		18,197



Caption: Rescuers wheel man heavily burned to acquire immediate treatment.



Caption: Villagers relocated to IDP Camps in safe areas.

Communication, Transportation and Electricity Power

- Communication and Electricity Powers were affected. Electricity power in the villages of the mountain slopes was deliberately turned down.
- Land transportation beyond 10 km restricted area is not disrupted. Air transportation is not affected. However, flights heading to Yogyakarta from east are recommended to fly with minimum altitude level of 11,000 feet.

Response

MOH – WHO Indonesia

- Ministry of Health:
 - Ministry of Health (MOH) has deployed 10 staff as advanced medical team to location and provided operational fund for Central Java Province (150,000,000 IDR) and DI Yogyakarta Province (50,000,000 IDR)
- The following table shows health supply distribution by Crisis Centre, MOH:

No.	Item	Total	Remarks
1	Vest	20	-
2	Banner	8	-
3	Face Masks	50,000	-
4	Body Bags	20	-
5	Medicines	4 tons	1 ton for each district
6	Energy Biscuits	6 tons	2 tons for Magelang District, 2 tons for Sleman District, 1 ton for Klaten District, and 1 ton for Boyolali District

- Magelang District Health Office has distributed face masks to communities and activated 24-hour Health Post in IDP sites and prepared community health centers outside hazard zone.
- WHO and MOH up-dating the situation and filling the gaps in collaboration with National Board for Disaster Management (BNPB)
- WHO is in close communication with MOH in monitoring the situation through Crisis Center as well as District and Provincial Health Office.

Local Government

- The Government of Central Java has allocated IDR 25 billion to respond to the situation

Indonesian Red Cross

- At least 500 PMI staff and volunteers are on standby and ready to provide assistance, such as evacuation, first aid, public kitchen and health services, and IDP sites management.

The Center of Volcanology and Disaster Management

- Emergency Response Team will continuously monitor the activity of M. Merapi and report updates every 6 hours.

Status of International Aid

So far the government has not officially requested any international aid. The local authorities, with support from central government and ministries, are trying their best to manage the situation so far.

Important Contacts

JAKARTA OFFICE FOCAL PERSON					
CRISIS CENTER -MOH					
No	Name	Designation	Phone	Fax	Email Address
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EHA-WHO JAKARTA					
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Source of Information from Indonesia

Information is gathered from the following sources. This report is for reference only and should not be quoted as factual accuracy can change.

1. WHO
2. Crisis Center (PPK), MoH
3. UN System
4. BNPB
5. Local and international news media