

Volcanic Eruption, Mount Karangetang, Siau Island, North Sulawesi Province, Republic of Indonesia, Update No.1

Date of Incident

Friday, 10 August 2007, 16:02 local time (GMT+8).

General Information

Karangetang (Api Siau) volcano contains five summit craters along a N-S line. Karangetang is one of Indonesia's most active volcanoes, with more than 40 eruptions recorded since 1675 and many additional small eruptions that were not documented in the historical record (Catalog of Active Volcanoes of the World). Twentieth-century eruptions have included frequent explosive activity sometimes accompanied by pyroclastic flows and lahars. Lava dome growth has occurred in the summit craters; collapse of lava flow fronts has also produced pyroclastic flows.



Mount Karangetang's last major eruption in 1974 forced the total evacuation of Siau's population to a nearby island.

Location

Karangetang volcano is located at the northern end of the island of Siau, North Sulawesi Province. It lies some 1,444 miles northeast of the country's capital, Jakarta.

Situation

10 August 2007

Karangetang volcano erupted.

11 August 2007

The alert Status of Karangetang was raised from level 2 (WASPADA) to level 3 (SIAGA) on a scale of 1 – 4.

17 August 2007

Karangetang spewed lava and hot volcanic debris as far as 2,000 meters (yards) down its slopes.

18 August 2007

Government raised status of alertness of Karangetang and its immediate surroundings from level 3 (SIAGA) to level 4 (AWAS).

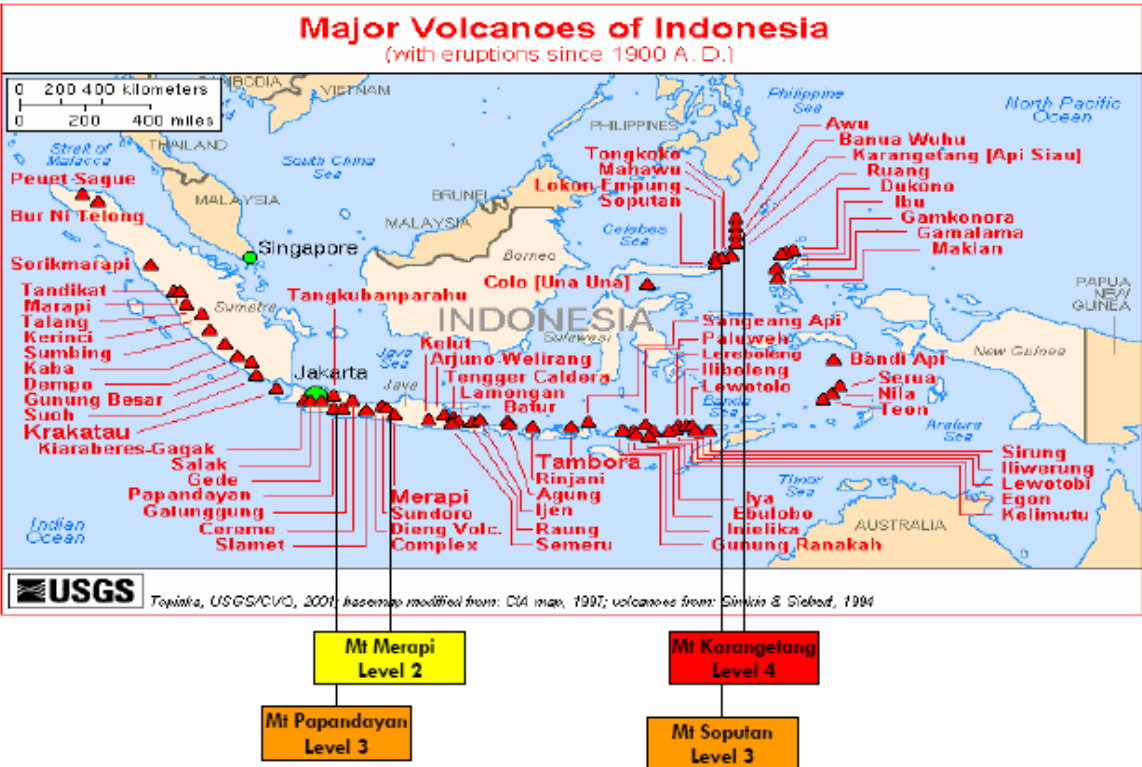
19 August 2007





At between 00.00 – 04.00 local time (GMT+8) Karangetang volcano erupted again for a couple of times. Its lava and hot ash avalanched down the volcano's slopes, reached Karalung and Hiung villages.

Level of Alertness

Level of alertness of the Karangetang volcano and its immediate surroundings is in level-4 (Red) status (AWAS) meaning that an eruption could soon take place.

Please see the alert level of Indonesia volcanoes and its code below:



Stages	Name	Code	Criteria	Interpretation
1	Aktif Normal	 Green	Monitoring of visual, seismicity and other volcanic event do not indicate changes.	No eruption in foreseeable future.
2	Waspada	 Yellow	Increasing activity of seismicity and other volcanic events, and visual changes around the crater.	Magmatic, tectonic or hydrothermal disturbance, no eruption imminent.
3	Siaga	 Orange	Intensively increasing of seismicity with supported by other volcanic monitoring, obvious changes of visual observation and crater. Based on observation data analysis, the activity will be followed by main eruption.	If trend of increasing unrest continues, eruption possible within 2 weeks.
4	Awas	 Red	Following the main eruption, the initial eruption begins to occur as ash and vapor. Based on observation data analysis, the activity will be followed by main eruption.	Eruption possible within 24 hours.

Vulnerable Population

Total number of vulnerable population as of 21 August is 2,492 people (290 households) from 3 villages: Dame, Karulung and Tatahadeng.

Casualty and Damage

Up to date, there is no death or injured people reported.

IDPs

- Ministry of Health reported that there are 703 people from three villages have been evacuated. They are now sheltering in village hall, school and church in eastern Siau.
- There are 120 people belong to the most vulnerable group among the IDPs (11 under-5-years children and 109 elderly).

Needs Identification

- Operational fund for mobile medical teams to provide emergency services.
- Medicines, masks, supplementary food for children and sanitation support.
- Transportation cost to reach remote areas
- Supplementary food for the most vulnerable group among the IDPs (elderly, pregnant women, and children)

MoH – WHO Indonesia Action

- Assist in evacuation process.
- Providing medical services for the affected community.
- Establishing coordination with local government and SATLAK Siau Tagulandang Biaro Island District for the follow up response.
- WHO Indonesia in close coordination with the Ministry of Health is on alert while closely monitoring the situation and ready to provide emergency support needed.

Important Contacts

Name	Designation	Organization	Phone	Fax	E-mail
Dr. Rustam S. Pakaya, MPH	Head of Department	Crisis Center (PPK – MoH)	021-5265043 08129602324	0215271111	ppkdepkes@yahoo.com
Dr. Kyaw Win	Medical Officer	WHO-INO, EHA	085694155323	0215201164	wink@who.or.id

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. BAKORNAS
5. Local and international news media