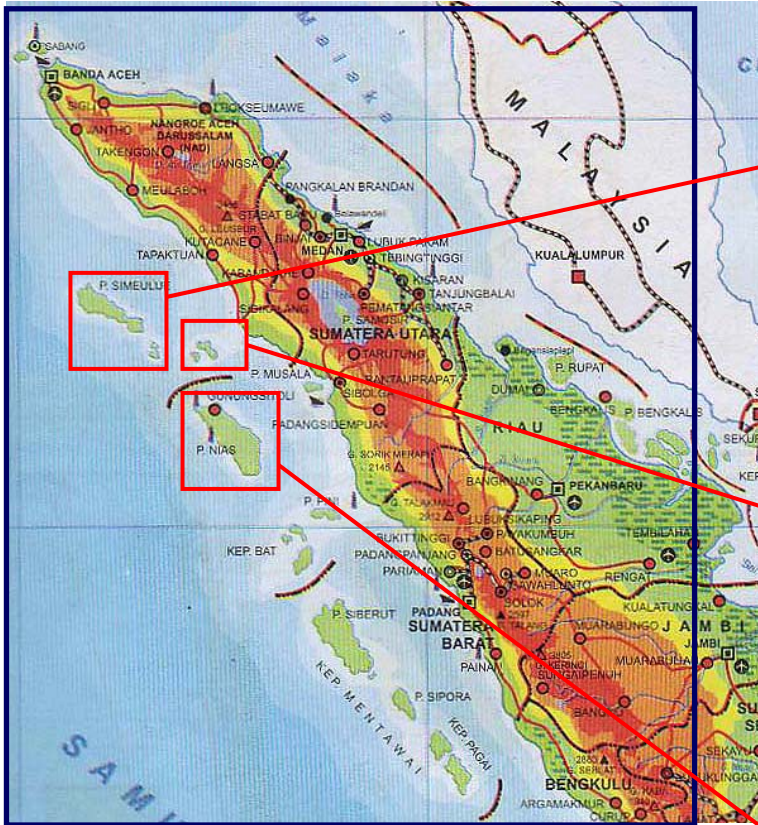




World Health Organization (WHO) Indonesia
Emergency and Humanitarian Action – EHA Section
Emergency Situation Report No. 15, 13 May 2005
Earthquake in North Sumatra Province and NAD

This report is prepared by WHO, Indonesia



North Sumatra and Aceh (NAD)



Simeulue Island (NAD Province)



Banyak Island (NAD Province)



Nias Island (North Sumatra)

Additional detailed maps may be accessed at:

<http://www.humanitarianinfo.org/sumatra/mapcentre/catalogue/index.asp>

Reporting date

13 May 2005 (Friday)

Type of Emergency

Earthquake

Date and time of emergency incidence

28 March 2005 (Monday), 23:09:06 hrs.

History of the earth quake and place

- A great earthquake was noted at 23:09:36 hrs, local time on Monday, March 28, 2005. The magnitude was 8.7 on the Richter scale and located in Northern Sumatra, Indonesia. The epicenter was located 90 km south of Sinabang with 30 Km Depth 2.065 N 97.010 E
- The earthquake was also felt in Thailand, Singapore, Malaysia and Cocos Island, Australia
- More than 700 aftershocks recorded on island of Nias, 48 aftershocks following the initial earthquake, a further 628 over the following two days and 51 in the first eight hours on 31 March
- On Sunday, 10 April 2005, 10:29 (UTC) or local time at 5: 29 PM an earthquake of magnitude 6.8 on the Richter Scale (data from USGS) occurred with the epicenter located in the Siberut island, one of several island in the Mentawai islands close to Padang
- Three hours after the first shock, there were more than 110 aftershocks, one of them with magnitude of 6.5 on the Richter Scale
- Another earthquake, measuring 6.3 on Richter Scale, hit the Nias region on 16 April at 23:38 local time

Latest earthquake, significant aftershock

- On Monday, 25 April 2005, 21:40:14 (UTC) an earthquake of magnitude 5.6 on the Richter scale hit the Nias region
- On Tuesday, 26 April 2005, 17:18:24 (UTC), an earthquake of magnitude 5.1 on Richter scale hit Nias region
- On Wednesday, 27 April 2005, 03:45:35 (UTC), an earthquake of magnitude 5.4 on Richter scale hit the region off the west coast of Sumatra region
- On Thursday, 28 April 2005, 14:07:34 (UTC), an earthquake of magnitude 6.3 on Richter scale hit the Simeulue region

Area affected

Major affected areas are the following:

1. Nias Island, North Sumatra Province, Capital Gunung Sitoli, Gido, Gomo and Teluk Dalam (District Capital of South Nias)
2. Padang, North Sumatra Province
3. Simeulue Island, NAD Province
4. Banyak Island, NAD Province
5. Singkil, NAD Province

Population at risk

- People of the North Sumatra Province in the Nias Island Region.
- People of the Aceh (NAD) Province in the Simeulue Island and Banyak Island Region also Singkil District.

FIGURES

North Sumatra Province

No	Status	Figures	Remarks	
1	Casualties or deaths	853 people	685 people 165 people 1 person 1 person 1 person	Nias District Nias Selatan District Langkat District Madina District Sibolga City
2	Injured	792 (in-patients) 60,013 (out-patients)	Gunung Sitoli Hospital Total of both Nias and Nias Selatan District	
	Evacuations	161 (in-patients) 1886 (out-patients)	Referral Hospitals in: <ul style="list-style-type: none"> • Medan (12 Hospitals) • Sibolga (1 Hospital) • Tapanuli Tengah (1 Hospital) • Gunung Sitoli (1 Hospital) • Hilisimietano (1 Hospital) 	
3	IDPs	22,388 people	12,542 people 597 people 6,615 people 2,232 people 64 people 330 people 8 people	Nias District Nias Selatan District Tapanuli Tengah District Madina District Medan City Sibolga City Simalungun District

Aceh (NAD) Province

No	Status	Figures	Remarks	
1	Casualties or deaths	62 people	37 people 22 people 3 people	Simeulue District Aceh Selatan District Aceh Singkil District
2	Injured	230 people		
3	IDPs	81,816 people	53,541 24,742 3,533	Simeulue District Aceh Singkil District Aceh Selatan District

Damages FIGURES

North Sumatera Province

No	Status	Figures	Remarks
1	Public infrastructures - Electricity - Water - Roads	operational operational accessible	Rehabilitated network and genets - Public Hydrant Tanks - Mobile Water Tanks - Knock Down WC - reconstruction of road network - alternative roads
2	Private Property - Houses	16,580 houses 59,753 houses	Totally damaged Light – heavy damages

Aceh (NAD) Province

No	Status	Figures	Remarks
1	Public infrastructures - Electricity - Water - Roads	operational operational accessible	Rehabilitated network and genets - Public Hydrant Tanks - Mobile Water Tanks - Knock Down WC - reconstruction of road network - alternative roads
2	Private Property - Houses	7,528 houses	Light – heavy damages

Government Support

Government support continues at national level through the National Coordination Board for Disaster Management (BAKORNAS), and provincial and district level through the Province or District Coordination Board for Disaster Management (SATKORLAK)

According to the official updated list there are 22 organizations (3 National) working in Health Sector.

WHO and MoH Support

Ongoing Activities

WHO Banda Aceh Update

The WHO team is working with the DHO on a proposal regarding activities that will re-vitalize effective surveillance network based on existing health services

Epidemiological data from *WHO Epidemiological Bulletin* covering period 25 April - 01 May 2005 (5th week after disaster) reported 2,121 consultations in eight sub

districts. Acute Respiratory Infections (ARI) led the list of the most common health problems with 363 cases (524 previously), followed by Acute Watery Diarrhoea 133 (219 previously) and clinical Malaria or unidentified fever 111 (increase in comparison to 91 recorded previously)

An eight member team from Center for Health Informatics and Learning Faculty of Gadjah Mada University Yogyakarta arrived in Gunung-Sitoli on 09 May 2005. The group is conducting health facility mapping together with the PHO.

One suspected measles case from Oloro village, Gunung-Sitoli Subdistricts - is being investigated

Following formal request supported by Dinkes in GS and in Sibolga, WHO provided:

- a. One Surgical Kit to the Dinkes in Sibolga
- b. Malaria Rapid Detection Tests (2,000) to Surf-Aid International

Following the formal request, WHO provided 1 Surgical Kit to the IMC Medical Team working in the Gunung Sitoli Hospital. The hospital has become the main secondary treatment centre on the island after departure of the USNS Mercy ship (30 April 05). IMC Team will work there for next 3 weeks.

WHO Medan Office Update Program

• Surveillance

- Sibolga health posko has reported on 1st May, 1 case of watery diarrhea in Sibolga IDPs site and Central Tapanuli IDPS site.

• Malaria

All IDP's site in Gunung Sitoli had been fogged by PHO surveillance team.

- Malaria Working Group which consist of MOH, WHO, UNICEF, PHO North Sumatera, DHO Nias, and DHO South Nias have developed strategic planning to manage malaria in Nias and South Nias. The group will conduct the Malaria Working Group Meeting that will be held at DHO Nias, on Wednesday 11th of May 2005
- On Friday 6 of May 2005, there was a meeting of Malaria group in PHO. The meeting was called to discuss with the PHO CDC North Sumatra, and representatives from Nias and South Nias about the current situation in those two districts especially as related to the deployment of the stock of ACTs and RDTs that are currently in Gunung Sitoli. The MOH has discussed with NGO SurfAid to carry out training programs in various puskesmas and these will be coordinated by the District health staff. A representative of the TNI medical staff also attended in order to discuss possible coordination of malaria treatment to be given by TNI in the field. The result of the meeting was the plan of combating Malaria post Tsunami program activity for the two district Nias and South Nias

- CDC department MoH supported by WHO will hold training on treatment procedure for Non Complication Case and Malaria Surveillance for District Level Doctors and the Malaria Program District officers of North Sumatera on 15 – 18 May 2005, in Medan

- **Water and Sanitation**

- The density of fly and mosquito on IDPs site at jln Ampera is stil high.

- **Health facilities mapping**

The field activity has been started on Monday 9th of May 2005 which is executed by PHO together with Center for Health Informatics and Learning Faculty of Gadjah Mada University Yogyakarta. The draft result of mapping will be presented on the next health coordination meeting – provincial level, Wednesday 18th of May 2005

Meeting

- **Health Coordination Meeting Provincial Level**

PHO had conducted the first comprehensive health coordination meeting on the last Friday, 6th May 2005 which attended by some NGO's and UN working in health sector. The same meeting will be held once a week, every Wednesday at 9 am at PHO office. The PHO specifically asked the NGOS to rebuild and reconstruct Nias together with PHO and utilize the health coordination meeting so in the future there will be no overlapping in the same area

The following person can be contacted if more information is needed.

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Source of Information from Indonesia

Information is gathered from the following sources and it might not reflect the actual true facts in the current field level but can be used as references.

- WHO teams in Nias Island, Medan, Banda Aceh and Jakarta
- Bakornas bulletin
- PPMK, MOH
- Partners in relief efforts
- International and local news media