Tornado in Yogyakarta Province, Republic of Indonesia, February 2007

Type of Emergency
Heavy rain and tornado

Date of emergency incidence
18 February 2007, 5.00 local time (Indonesia local time is equal to +7 hours GMT).

Location and Incidence site mapping
The Tornado hit Gondokusuman, Umbulharjo, Danurejan and Pakualaman Subdistrict, Yogyakarta Municipality, Yogyakarta Province. Below is the map of Yogyakarta and Central Java Province.

Current Situation
Heavy rains and tornado causing building damage and population displacement occurred in Yogyakarta Municipal on 18 February 2007. It is estimated that at least 1100 households are damaged. The highest number of damaged houses is found in Gondokusuman (742 units), Umbulharjo (165 units), Danurejan (139 units) and Pakualaman (20 units). Metrological reports predict further rainfalls in coming days.

Causalities and Impact
It is estimated that disaster caused injury to 49 people, no death case reported. All victims have obtained medical treatment at the nearest hospital (Bethesda and PKU Muhammadiyah Hospital), only 4 were admitted.

Needs Identified and Filling Gaps
1. Temporary shelter – due to damaged houses, population are displaced to surrounding areas. Several camps have been established by military unit and PMI to temporarily cover the displaced population. Tarpaulin will be provided to every household to protect them from upcoming rains. It is estimated that there are more than 1000 tarpaulins needed for all affected population
Several agencies NGOs such as PMI, IOM, Karinakas, Yayasan Yogyakarta Bangkit and religious organization has distributed around 500-600 tarpaulins to the affected population. More tarpaulins will be provided, but there have been some difficulties in distribution to every household.

2. Clean water – PMI mentioned serious concerns about observed shortages of clean water supplies due to blackout of electricity in the affected areas. There has been no organization providing clean water to the affected population.

3. Logistics
   - Food - Emergency kitchen has been established by PMI together with military units, but distribution has been hindered due to the lack of human resources.
   - Electricity and lamps – electricity blackout has raised issue in water availability and safety. PMI will provide some generators, one generator for several household.
   - Blankets – some NGOs is providing blankets, one blanket should be provided for each person. However, supply is still limited.

4. Medical supply and human resources – All injured cases has been referred and treated at the closest hospitals. However, PMI identified that there are a lot of population with pre-existing medical problems such as hypertension, respiratory disease etc. There is a lack of medical volunteers and basic medical supplies.

5. Cleaning of damaged infrastructure
   - Fallen roof, buildings and trees has caused blocking in several main roads. Military units, firefighters, Satlak, and several agencies such as IOM. Cleaning is still conducted now.

Government Action

1) The Municipal government has conducted coordination meeting and put in place coordination mechanism based in Mayor Office (Government Office) and involving SATLAK and other related organization (e.g. TNI, PMI).

2) Some government posts have been established in Mayor Office and sub district office to help with relief operations especially with the provision of tarpaulins, food, clean water and other logistic support.

WHO Actions

A. Rapid assessment was done by WHO team to identify the extent of disaster as well as the health related needs.

B. WHO is facilitating medical supply provision from Provincial Health Office to PMI and other organization.

C. WHO has been gathering, processing and disseminating health-related information from humanitarian organizations working in affected areas.
UN – NGO – Donor Actions

- Some local and international NGOs have been working intensively in the area especially with the provision of logistics, evacuation of ruined materials and medical service provision.
- Emergency posts have been established in several points especially in Baciro, Gayam and Lempuyangan villages to support emergency relief and logistic provision to the affected population.

*Caption: Medical posts of Muhammadiyah provide treatment for victims and volunteers*

- Data on affected population and distribution of aids by organization will be collected through UNCC.
- Coordination meeting will be done on a daily basis during emergency phase.

Source of Information

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

1. Indonesian Red Cross
2. NGOs and INGOs
3. Local and international news media