

24/7 Emergency Operation Center for Flood, Storm and Landslide

DATE: Wednesday, August 31, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Chatpong Chatraphuti Deputy-Director General of Department of Disaster Prevention and Mitigation		

1. SITUATION OVERVIEW
<p>1.1 Since 25 July 2011, the impact of Tropical Storm “Nock-Ten” and heavy monsoon have triggered heavy rainfall and flooding over upper northeastern part down to central part of Thailand. Now 36 Provinces 283 Districts 1,890 Sub-Districts 15,534 villages are under disaster declaration. The total of 1,133,589 families and 3,880,229 people are affected by flooding situation.</p> <p>1.2 The total fatalities are 55 deaths and 1 missing. (<u>Fatalities</u>: 1 in Udon Thani, Sakon Nakhon, Uttaradit, Phetchabun and Nakhon Sawan; 2 in Tak, Nakhon Phanom, Roi Et and Phang-Nga; 3 in Chiang Mai; 4 in Prachin Buri; 5 in Phitsanulok; 6 in Sukhothai; 7 in Mae Hong Son; 8 in Phrae; and 9 in Phichit; <u>Missing</u>: 1 in Mae Hong Son)</p>

2. CURRENT SITUATION
<p>2.1 There are 11 recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Phra Nakhon Si Ayutthaya, Ang Thong, Chai Nat, Ubon Ratchathani, Ranong, Surat Thani, and Phang-Nga The total of 54 Districts, 392 Sub-Districts, 2,266 Villages, 116,060 families and/or 340,564 people are affected by the flood.</p> <p>2.2 Weather Condition: The monsoon trough across the North and the Northeast and the moderate southwest monsoon over the Andaman Sea, Thailand and the Gulf of Thailand has weakened. Decreasing in rainfall is likely over the country during this period. The passengers travel to Fujian, China, would check the weather before you departure due to the tropical storm “Nanmadol” near the areas. (Thai Meteorological Department : TMD)</p> <p>2.3 Amount of Rainfall: The heaviest rainfall in the past 24 hours is at Khao Kiew Meteorological Station in Nakhon Nayok Province at 119.4 mm. Decreasing in rainfall is likely over the country during this period. It is also reported since 4 September 2011, rainfall is likely to increase. According to report of the rain station (Department of Water Resource) at Chomphu Neu Village, Chomphu Sub-district, Noen Maprang District, Phitsanulok Province has issued warning for evacuation.</p>

2. CURRENT SITUATION (CONT'D)

2.4 **Flood situation in Bangkok:** There is no serious flood threat in BMA as of today. BMA can handle the water level at discharge rate at 3,000 mm./sec. If above this capacity, it is expected that 27 communities and 1,209 families out of the embankment areas will be affected by flood.

2.5 Estimate Damages:

2.5.1 Agricultural impact: farming areas which would be affected are estimated at 1,332,568 acres, 18,159 acres for fisheries and 2.09 million livestock (source: Ministry of Agriculture and Cooperatives)

2.5.2 Transportation routes:

Highway: 4 main highways in 3 provinces are flooded and cannot be passed (**Sukhothai Province:** route 1195 Sawankalok-Sukothai at KM.19 - 32, divert to route 101; **route 1293** Sukothai- Pitsanulok at KM.8-11, there was 35 centimeter flood, divert to route 1311 Kirimas-Nongbua; **Phichit Province:** route 1313 Bang Mun Nak-Taphan Hin at k.m. 11-14, divert to route 1118 Taphan Hin – Bang mun Nak; **Nan Province:** route 1339 Paknai-Nameun at k.m.19-20, no divert route. For more information, call 1568.

Rural roads: 19 rural roads in 7 provinces are not passable (1 road in Phitsanulok and Ranong; 2 roads in Nakhon Phanom and Rayong; 3 roads in Chiang Mai, 4 roads in Phichit; and 6 roads in Nakorn Sawan). **Additional inquiry, please call 1146.**

2.5.3 Health care facilities

Fifty (50) health facilities are affected by flood. One hospital (Patong Hospital) is most affected and can providing services at some extent (OPD and Emergency Unit). The severe patients have been transferred to Vajira Phuket Hospital and Katu Hospital. It will resume to normal operation at the end of this week. (Ministry of Public Health)

2.5.4 Ground Water Ponds/Wells

The total of 7,992 ground water ponds/wells are affected, while the 2,221 closed system pond/wells are damaged by flood. The Department of Ground Water has distributed 2,293,103 liters of drinking water for affected people. (Department of Groundwater Resources)

2. CURRENT SITUATION (CONT'D)

2.6 Important assistance provision

2.6.1 The Royal Thai Army Disaster Operation Center has supported manpower and resources for disaster response in 8 affected provinces, including Chiangmai, Sukhothai, Phichit, Phitsanulok, Phra Nakhon Si Ayutthaya, Ang Thong, Phuket, and Ranong.

2.6.2 Ministry of Public Health has provided additional medicines for flood-related diseases and hazards to the most risk areas, including Chiangmai, Phitsanulok, Udonthani, and Songkhla Provinces.

3. SITUATION ASSESSMENT

- **Yom Basin:** Water level in Si Sam Rong District of Sukhothai Province is below the river bank. Still inundation is reported at Bang Rakam District of Phitsanulok Province. Inundation in Pho Thale and Pho Prathap Chang District of Phichit Province is slightly increasing, while Sam Ngam District is lowering.
- **Nan Basin:** Inundation at Mueang District of Phitsanulok Province is decreasing while Chumsang District of Nakhon Sawan province and Bang Mun Nak District of Phichit Province is increasing.
- **Pasak Basin:** the inundation at Wichian Buri District, Petchabun Province remains stable.
- **Lower Chao Phraya Basin:** Water level is increasing. Presently, water discharging rate is 2,136 cubic meters/second. If it reaches 2,200 cubic meter/second it will be affected to lower areas near river bank of Sing Buri and Ang Thong Province.
- **Shi Basin:** Inundation is decreasing at Meuang and Mahachanachai District of Yasotorn Province.
- **Mae Kong Basin:** Inundated water is a little bit increasing in Nongkhai and Bungkan Province by additional discharging to Mae Kong River. After that the inundation will decrease.

4. WARNING AND ADVISORY MESSAGE

- Department of Mineral Resources (DMR) issued warning of the flashflood and landslide within 1-2 days in Wang Thong and Noen Maprang District of Phitsanulok Province; Lom Sak, Lom Kao, and Khao Kho District of Phetchabun Province; and Dan Sai, Wang Sapung and Phureu District of Loey Province.
- Within 3-4 days this week, water level in Nakhon Sawan Province is increasing at 2,900 due to high volume of water discharged from Chao Phraya Dam, cubic meteres/sec.. RID will control the discharge rate at 2,100 cubic meteres/sec. This is going to increase water level of approx. 50-7 cm. above can be expected at lower Chao Phraya Basin. This is going to cause inundation 70 cm higher at Chainat, Sing Buri, Ang Thong, and Phra Nakhon Si Ayutthaya Province.

4. WARNING AND ADVISORY MESSAGE (CON'T)

- People living near the river bank of Chao Phraya River, including Chainat, Sing Buri, Ang Thong, and Phra Nakhon Si Ayutthaya Province, are at risk. Earlier flood prevention measures for residential and farming areas are advised.

5. THE 2P2R MEASURES

PREPARATION

- Every risk areas in Chao Phraya River basin should be prepared for the increased water level, particularly in Chainat, Singburi, Phra Nakhon Si Ayutthaya, and Ang Thong Province. Public Information on early harvesting should be launched to remind farmers to finish harvesting their crops by 10 September 2011.
- DPM Regional Center 1 (Pathumthani), 2 (Suphanburi), and 16 (Chainat) should prepare relevant equipment and tools such as mobile toilet, and shelters, etc. to be ready for deployment, if request.
- Phitsanulok, Phetchabun, and Loey Provinces, especially in Wang Nok Aen Sub-District, Wang Thong District, Phitsanulok Province are likely to have flashflood and landslide within 1-2 days. Risk monitoring, resources preparation, and ready-to-evacuation are advised.

RESPONSE

- All prone areas (Chainat, Singburi, Angthong, and Phra Nakhon Si Ayutthaya) can request additional support from the army for disaster prevention and mitigation.
- Emergency Institute of Thailand (EMIT) is the coordinating agency for mobilizing assistance from volunteers and non-profit private entities. Contact number is 1669 or 02 965 9782-4.

RECOVERY

- The Governors should provide immediate relief to the reported affected people and properties, without any delay. For those provinces where damage is not yet reported, assessment should be conducted.

PREVENTION

- Concerned agencies should be concerned for flood related diseases and epidemic such as leptospirosis and foot and mouth disease. Public health education on do's and dont's for personal hygiene such as wearing boots when going out at the flooded areas should also be promoted widely.