

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

DATE: Monday, September 5, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Panu Yamsri Director of Disaster Mitigation Directing Center, Department of Disaster Prevention and Mitigation		

1. SITUATION OVERVIEW

- 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 **38 Provinces 288 Districts 1,877 Sub-Districts 15,445 villages** are under disaster declaration. The total of **1,340,693 families** and **3,664,496 people** are affected by flooding situation.
- 1.2 **The total fatalities are 61 deaths and 1 missing.** (Fatalities: 1 in Udon Thani, Sakon Nakhon, Uttaradit, Phetchabun; 2 in Tak, Nakhon Phanom, Roi Et, Phang-Nga and Nakhon Sawan; 3 in Chiang Mai.; 4 in Prachin Buri; 5 in Phitsanulok; 6 in Sukhothai; 7 in Mae Hong Son; 8 in Phrae; and 14 in Phichit; Missing: 1 in Mae Hong Son)

2. CURRENT SITUATION

- 2.1 **Current flooded provinces:** there are **10** recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Phra Nakhon Si Ayutthaya, Ang Thong, Chai Nat, Ubon Ratchathani, Sing Buri, and Chon Buri. The total of **50 Districts, 344 Sub-Districts, 2,136 Villages, 214,915 families** and/or **414,055 people** are affected by the flood.
- 2.2 **Weather Condition:** During 4-10 September, the monsoon trough lies across the upper part of the North and the Northeast. The southwest monsoon over the Andaman Sea, Thailand and the Gulf of Thailand is intensifying. Increasing rainfall and isolated heavy fall is likely over upper the North and the Northeast and the East. From 7-10 September, the residents in risk areas near the waterway and lower plain in North, Northeast, Central, and East be cautioned of flashflood and inundation. (Thai Meteorological Department : TMD)
- 2.3 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is at Uttaradit Province at 145.6 mm.
- 2.4 **Water situation in Bangkok:** The heaviest rainfall in the past 24 hours at BMA is at Bangna District at 48.0 m.m. No flood threat is reported.

2. CURRENT SITUATION (CONT'D)

.2.5 Estimate Damages:

2.5.1 Agricultural impact: farming areas which would be affected are estimated at 1,554,182 acres, 18,159 acres for fisheries and 2.09 million livestock (source: Ministry of Agriculture and Cooperatives). Assistance already provided for 198,569 livestock.

2.5.2 Transportation routes:

Highway: 5 main highways in 3 provinces are flooded and cannot be passed (**Sukhothai Province: route 1195** Sawankhalok-Sukhothai at KM.19 - 32, divert to route 101; **Phichit Province: route 1068** Wangjik-Pai Tha Tho at KM.7-10, **route 1289** Wangsamrong – Banglai at K.M. 10 – 11, water height at 40 cm, divert to route 1070 Wangsamrong – Tapai ; **route 1313** Bang Mun Nak-Taphan Hin at k.m. 11-14, divert to route 1118 Taphan Hin – Bang Mun Nak. **Nan Province: route 1090** Bahn Luang-Chiang Muan at KM. 53-54, divert to route 101.) For more information, call 1568.

Rural roads: 26 rural roads in 9 provinces are not passable (1 road in Phitsanulok, Pang-Nga, Ranong and Suphanburi; 2 roads in Nakhon Phanom and Rayong; 3 roads in Chiang Mai, 5 roads in Phichit; and 10 roads in Nakhon Sawan). **Additional inquiry, please call 1146.**

2.5.3 Health care facilities

Sixty-three (63) health facilities are affected by flood. One hospital (Patong Hospital) is most affected and can providing services in most sections except the main operation room.

2.5.4 Ground Water Ponds/Wells

The total of 9,580 ground water ponds/wells is affected, while the 2,348 closed system pond/wells are damaged by flood. The Department of Ground Water has distributed 2,327,698 liters of drinking water for affected people. Additionally, the bottles of drinking water are distributed at Singburi Province by mobile units. (Department of Groundwater Resources)

2.6 Important assistance provision

2.6.1 During 3-4 September, The Royal Thai Army's Disaster Operation Center has dispatched 1,200 officers, 60 trucks, and 8 flat bottom boats to assist people in 8 provinces: Pichit, Pitsanulok, Nakhon Sawan, Singburi, Angthong, Ayudthaya, Phang Nga, and Phuket.

2.6.2 The Royal Thai Armed Force's Disaster Operation Center has dispatched officers to assist affected population in the north and central of Thailand.

2.6.3 The Royal Thai Police had set 2 priorities to protect life and property of people and to assist in the response and relief efforts in the affected areas. The police officers were dispatched to assist in the emergency situation and to patrol the areas.

2.6.4 Emergency Medical Institute of Thailand (EMIT) has coordinated the assistances in Nan Province by providing 72 boats to assist affected population (cared for 22 emergency cases and provided food, water, and medicine for 7,234 people). Now on standby and ready to deploy assistances per request.

2.6.5 Ministry of Natural Resource and Environment has been providing drinking water in the affected areas in Pitsanulok Province and Nakhon Sawan Province.

3. SITUATION ASSESSMENT

- **Yom Basin:** Inundation at riverside area is reported at Bang Rakam District of Phitsanulok Province and Sam Ngam, Pho Thale and Pho Prathap Chang District of Phichit Province, though the water level is decreasing.
- **Nan Basin:** Inundation at Mueang District of Pichit Province is still reported while Bang Mun Nak District of Phichit Province is decreasing.
- **Pasak Basin:** the inundation at Wichian Buri District, Phetchabun Province is increasing.
- **Lower Chao Phraya Basin:** Water level is increasing. Water level at Nakhonsawan province rate is 3,023 m³/sec (0.03 m. below the embankment), 2,390 m³/sec at Chao Phraya Dam, 2,332 m³/sec at Singburi Province (0.02 m. below the embankment), 2,643 m³/sec at Bangsai District of Phra Nakorn Si Ayutthaya Province (1.47 m. below the embankment). This results in an inundation at riverside areas of Chai Nat, Singburi, Ang Thong, and Ayudthaya Provinces.
- **Shi Basin:** Inundation is decreasing at Meuang and Maha Chana Chai District of Yasothon Province.
- **Bangkok Metropolitan Administrative (BMA) :** The forecast of highest water level at Pak Khlong Talad is at 21.55 hr. of 5 September 2011, no flood threat. The water level in eastern Bangkok areas beyond levees and dykes in Meanburi, Nong Jok, Lad Krabang districts is below crisis level at 15-20 cm. **Additional inquiry please call :** 02 248 5115, automatic number 15 lines, 24 hours

4. WARNING AND ADVISORY MESSAGE

- **Department of Water Resources and Department of Land Resources** had posted a warning of flash flood and landslide in the risk area of Tha Wang Pha District and Pua District in Nan Province, Muang District in Chiang Rai Province, Nurn Maprang District in Pitsanulok Province, Chantaburi Province and Trad Province.

5. THE 2P2R MEASURES

PREPARATION

- For all the provinces to proactively publicize about the flood prevention, mitigation, assistances, and recovery measures in the area and to provide information to the media about the flood relief operations.
- For the provinces to utilize the satellite images and information provided by GISTDA (www.gistda.or.th) in flood prevention and mitigation measures in the area.
- Due to the small earthquake of 3.0 Richter in Muang District, Mae Hong Sorn Province at 06.00 hr. on September 5, 2011, in cooperate with the continuous rainfall in the area, there is a chance of landslide and now the area is being monitored by the officials.

RESPONSE

- **Local Administration and responsible agencies** to clearly mark the damages highways and local roads to prevent further accidents
- In the area which the traffic lights were damages, the responsible agencies will provide officers to assist with the traffic flow in the areas to prevent road accidents
- As for the electricity posts in the flooded area, for the concerned officials to provide the prevention measures to prevent electric shock and hazards.
- The Royal Thai Police had arrange helicopters in Chiang Mai, Tak, Phuket, Surat Thani, Prachoub Kirikan, Chantaburi, Khon Kean, and Nakorn Ratchasima (1 each) and Pitsanulok and Yala (2 each) on standby to assist in the flooding situation.

RECOVERY

- MPH has ordered every flooded province to do survey on affected elder, handicapped, and people with chronic diseases in the area to assist and transfer them to the nearby safe areas and hospitals. (For assistance in transportation, please call 1669)
- Department of Mental Health, in accordance with provincial public health office will do the survey on the mental health of the affected population and provide assistances regularly in the affected areas.

PREVENTION

- The Prime Minister had given direction during the meeting with responsible organizations and 9 governors of the flooded provinces on 3-4 September 2011 to prepare the long term flood mitigation projects in their province to submit to the Budget Bureau in timely matter to add the budget into the next fiscal year plan.