

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

DATE: Tuesday, September 6, 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. CURRENT SITUATION

- 1.1 **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, 343 Sub-Districts, 2,038 Villages, 122,485 families and/or 393,808 people are affected by the flood. The total fatalities are 66 deaths and 1 missing. (Fatalities: 1 in Udon Thani, Sakon Nakhon, Uttaradit, Phetchabun; 2 in Tak, Nakhon Phanom, Roi Et, and Phang-Nga; 3 in Chiang Mai; 4 in Prachin Buri, Nakhon Sawan; 5 in Phitsanulok; 6 in Sukhothai; 7 in Mae Hong Son; 8 in Phrae; and 17 in Phichit: Missing: 1 in Mae Hong Son due to landslide)
- 1.2 **Weather Condition:** The monsoon trough lies across the North and the Northeast and the southwest monsoon over the Andaman Sea, Thailand and the Gulf of Thailand are intensifying. Increasing rainfall and isolated heavy fall is likely over upper the North and the Northeast and the East. People in the areas should beware of heavy rain during 1-2 days. (Thai Meteorological Department : TMD)
- 1.3 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is at Khaisi District of Bungkan Province at 163.0 mm.
- 1.4 **Estimate Damages:**
- 1.4.1 Agricultural impact: farming areas which would be affected are estimated at 3,370,446 rai, 45,931 rai for fisheries and 2,096,219 million livestock (source: Ministry of Agriculture and Cooperatives). Assistance already provided for 198,569 livestock.
- 1.4.2 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 – Banglail 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

## 1. CURRENT SITUATION (CON'T)

Bahn Luang-Chiang Muan at KM. 53-54, divert to route 101.) For more information, call 1568.

**Rural roads:** 27 rural roads in 10 provinces are not passable (1 road in Phitsanulok, Pang-Nga, Ranong, Ubon Ratchathani 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.

### 1.4.3 Health care facilities

Sixty-three (63) health facilities are affected by flood. They are normally operated.

### 1.4.4 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 Groundwater Resources 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)

## 1.5 Important assistance provision

1.5.1 **The Department of Disaster Prevention and Mitigation (DDPM)** has been reported of the allocation of emergency budget at the 25 provinces under disaster declaration with the sum of 935,429,459 THB (as of 3 September 2011)

1.5.2 **The Royal Thai Armed Force's Disaster Operation Center** has dispatched officers and tools and equipment to assist affected population in Phitsanulok and Phichit Province. They also be ready for deployment of assisting resources to other affected areas, if require.

1.5.3 **The Royal Thai Army's Disaster Operation Center** has dispatched 490 officers, 35 trucks, and 7 flat bottom boats to assist people in 6 provinces (Sukhothai, Phichit, Nakhon Sawan, Singburi, Angthong, and Phra Nakhon Si Ayutthaya).

1.5.4 **The Royal Thai Police** dispatched officers to assist affected people in evacuating properties, and loading sandbags. The police officers were dispatched to assist in the emergency situation and to patrol the areas.

1.5.5 **Ministry of Natural Resources and Environment** by Department of Water Resources and Department of Ground Water Resources has been providing drinking water in the affected areas in Phitsanulok Province and Phichit Province. If other affected provinces require urgent support, can contact the Ministry's Provincial Offices at 24 hrs.

## 2. 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 3,055 m<sup>3</sup>/sec (0.68 m. below the embankment); 2,438 m<sup>3</sup>/sec at Chao Phraya Dam, causing inundation at Singburi Province, while 1.02 m. below the embankment in Ang Thong Province; 2,643 m<sup>3</sup>/sec at Bangsai District of Phra Nakhon Si Ayutthaya Province (1.47 m. below the embankment). This results in an inundation at riverside areas of Chai Nat, Singburi, Ang Thong, and Phra Nakhon Si Ayutthaya Provinces. In regard of BMA, the highest water level at 0.15 hr. yesterday at Saphan Phut Station was at 1.40 m.
- **Shi Basin:** Inundation is decreasing at Meuang and Maha Chana Chai District of Yasothon Province.
- **Bangkok Metropolitan Administrative (BMA):** The highest rainfall is at 24 mm. in Nong Jok District. The highest sea level is at 22.15 hr. on 6 September 2011, but have no affect to BMA. The water level in eastern Bangkok areas beyond levees and dykes in Meanburi, Nong Jok, and Lad Krabang districts is below crisis level at 15 cm. **Additional inquiry please call :** 02 248 5115, automatic number 15 lines, 24 hours.
- **Hydrographic Department of The Royal Thai Navy:** predicted that during 10-15 September 2011, sea level is at the highest.

## 3. WARNING AND ADVISORY MESSAGE

- **Royal Irrigation Department issued warning at 20.00 hr. on 5 September 2011:** water level in Chao Phraya river basin is increasing due to collective water volume from the North to the lower basin. This results in 10-15 cm rising water in Chao Phraya River every day until the middle of this month. People living near riverside should beware of flooding, and be prepared for properties evacuation. Preparation of sandbags and situation monitoring is also advised.

#### 4. THE 2P2R MEASURES

##### PREPARATION

- All the provinces should check the physical condition of the reservoirs, check dams for earlier remedy. People in downstreams should be alerted to timely response to the flood.
- Provinces in Lower Chao Phraya Basin should warn people living in risk areas to prepare sufficient sandbags for preventing lower areas from flood.

##### RESPONSE

- Singburi, Ang Thong, and Phra Nakhon Si Ayutthaya province should have officers and volunteers ready for traffic facilitating and safety watch out at the affected areas, especially for those who evacuated to the public roads.

##### RECOVERY

No advice

##### PREVENTION

No advice