

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

DATE: Thursday, September 1, 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		

<b>1. SITUATION OVERVIEW</b>
<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 <b>36</b> Provinces <b>283</b> Districts <b>1,890</b> Sub-Districts <b>15,534</b> villages are under disaster declaration. The total of <b>1,133,589</b> families and <b>3,880,229</b> people are affected by flooding situation.</p> <p>1.2 <b>The total fatalities are 55 deaths and 1 missing.</b> (<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>

<b>2. CURRENT SITUATION</b>
<p>2.1 <b>Current flooded provinces:</b> there are <b>8</b> recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Phra Nakhon Si Ayutthaya, Ang Thong, Chai Nat, and Ubon Ratchathani. The total of <b>45</b> Districts, <b>350</b> Sub-Districts, <b>2,189</b> Villages, <b>134,275</b> families and/or <b>394,327</b> people are affected by the flood.</p> <p>2.2 <b>Weather Condition:</b> The southwest monsoon remains prevail over the Andaman Sea, Thailand and the Gulf of Thailand. Scattered rainfall is likely over upper Thailand and isolated heavy fall in the North and the Northeast during 1-2 days. During 2-4 Sep, The passengers travel to Japan would check the weather before your departure due to the typhoon "Talas" near the areas. (Thai Meteorological Department : TMD)</p> <p>2.3 <b>Amount of Rainfall:</b> The heaviest rainfall in the past 24 hours is at None Saad Sub-district, Ban Muang District of Sakon Nakhon Province at 108.0 mm. Rainfall is likely to decrease. Since 4 September 2011, rainfall is going to increase.</p> <p>2.4 <b>Water situation in Bangkok:</b> The highest water level in Chao Phraya River at Pak Khlong at 20.15 hr. of 31 August 2011 was 1.78 m. The levees and dykes around BMA is 2.50 m. high. No flood threat is reported</p>

## 2. CURRENT SITUATION (CONT'D)

### .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). Assistance already provided for 198,569 livestock.

### 2.5.2 Transportation routes:

**Highway:** 4 main highways in 2 provinces are flooded and cannot be passed (**Sukhothai Province: route 1195** Sawankhalok-Sukhothai at KM.19 - 32, divert to route 101; **route 1293** Sukhothai- Phitsanulok 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. For more information, call 1568.

**Rural roads:** 20 rural roads in 8 provinces are not passable (1 road in Phitsanulok, Pang-Nga, and Ranong; 2 roads in Nakhon Phanom and Rayong; 3 roads in Chiang Mai, 4 roads in Phichit; and 6 roads in Nakhon 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 in some sections (OPD, IPD and Emergency Unit).

### 2.5.4 Ground Water Ponds/Wells

The total of 8,231 ground water ponds/wells is affected, while the 2,221 closed system pond/wells are damaged by flood. The Department of Ground Water has distributed 2,306,603 liters of drinking water for affected people. (Department of Groundwater Resources)

### 2.6 Important assistance provision

2.6.1 The Royal Thai Army Disaster Operation Center has dispatched officers and experts investigating damaged bridge. In this connection, Pang-Nga Province requested the bridge bearings at Takua Pa District of Pang-Nga Province. The Ministry of Transportation is going to provide it.

2.6.2 Mobile Development Unit 34, The 3rd Regional Office Armed Force Development provided clean water for consumption to the affected areas in Bang Rakum District of Phitsanulok Province.

### 3. SITUATION ASSESSMENT

- **Yom Basin:** Lowering inundation is reported at Bang Rakam District of Phitsanulok Province and Sam Ngam District of Phichit Province; while Pho Thale and Pho Prathap Chang District of Phichit Province is slightly increasing.
- **Nan Basin:** Inundation at Mueang District of Phitsanulok Province is decreasing while Bang Mun Nak District of Phichit Province is increasing.
- **Pasak Basin:** the inundation at Wichian Buri District, Phetchabun Province is increasing.
- **Lower Chao Phraya Basin:** Water level is increasing. Water level at Chao Phraya Dam is 2,259 m<sup>3</sup>/sec, which is over normal rate at 2,200 m<sup>3</sup>/sec. This results in an inundation at riverside areas of Chai Nat, Sing Buri, and Ang Thong Province.
- **Shi Basin:** Inundation is decreasing at Meuang and Maha Chana Chai District of Yasothon Province.

### 4. WARNING AND ADVISORY MESSAGE

- **Department of Mineral Resources (DMR)** keeps 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 Saphung and Phu Ruea District of Loei Province.
- **Royal Irrigation Department (RID)** warned of the increasing water level in river basins at lower north and upper central part of Thailand during this week. Water level of approx. 60-70 cm. above can be expected at lower Chao Phraya Basin, including Chai Nat, Sing Buri, Ang Thong, and Phra Nakhon Si Ayutthaya Province. In addition, water level at Bang Sai District of Phra Nakhon Si Ayutthaya Province is gradually increasing at 5-8 cm. every day. Therefore, people living near riverside of Chao Phraya River are advised to prepare sandbags and evacuate properties to higher ground, as well as keep up with the situation update regularly.
- **Department of Water Resources (DWR)** warned of flashflood and landslide in several risk areas, including San Tha Sub-district, Na Noi District of Nan Province; Wiang Phang Kham Sub-district, Mae Sai District of Chiangrai Province; and Chomphu Sub-district, Noen Maprang District of Phitsanulok Province.
- **Hydrographic Department of The Royal Thai Navy** reported of the rising sea level in September during 1-3, 9-14, and 26-30. For better preparation for potential flooding, please monitoring the situation at the website: [www.navy.mi.th/hydro](http://www.navy.mi.th/hydro) (water level in Chao Phraya River).
- **Bangkok Metropolitan Administrative (BMA)** forecasted the highest water level at 1.85 m., which will not affect the areas within the levees.

## 5. THE 2P2R MEASURES

### PREPARATION

- **Ministry of Public Health (MPH)** has implemented several measures for flood associate disease control, especially diarrhea, leptospirosis, Dengue hemorrhagic fever, conjunctivitis, hand foot mouth syndrome. These activities include , including disease investigation, reporting, confirmation, analysis, and finalizing the disease control report. For more information, contact Department of Disease Control Hotline at 1422.

### RESPONSE

- The Armed Force Development Office has assigned 30 Mobile Development Units under the 5 Regional Centers nationwide to be ready for providing support to the affected areas. Provinces can request additional support from their respective offices.

### RECOVERY

- Based on the Cabinet Resolution of 25 August 2011 on Flood victim assistance provision, the Ministry of Agriculture and Cooperatives is going to coordinate with concerned agencies, including Department of Agricultural Extension, Department of Fisheries, and Department of Livestock Development to implement accordingly.

### PREVENTION

- MPH should promote understanding among the public on hygienic behavior to prevent flood associate diseases.