

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

DATE: Monday, November 1, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
CHAIRPERSON: Mr.Pracha Taerat, Deputy Permanent Secretary for Interior		

### 1. CURRENT SITUATION

1.1 **Current flooded provinces:** there are 26 recent flooded provinces: **North**; (Phichit, Phitsanulok, Nakhon Sawan, and Uthai Thani); **Central** (Chai Nat, Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Lopburi, Saraburi, Suphan Buri, Nakhon Pathom, Pathumthani, Nonthaburi, Samutsakhon and Bangkok) **Northeast** ; (Ubon Ratchathani, Khon Kaen, Srisaket, Roi-et, Surin, Mahasarakham and Kalasin); **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi) The total of 147 Districts, 1,132 Sub-Districts, 8,319 Villages, 718,607 families and/or 2,110,152 people are affected by the flood. The total fatalities are 384 deaths and 2 missing. (Missing: 1 in Mae Hong Son, and 1 in Uttaradit)

1.2 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is in Chumpol Sub-District, Sa Ting Pra District, Song Khla Province at 109.0 mm.

#### 1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 10,986,252 rai; 194,012 rai of fish/shrimp ponds and over 13.28 million livestock (source: Ministry of Agriculture and Cooperatives).

#### 1.3.2 Transportation Routes :

**Highway:** 70 main highways in 13 provinces are flooded and cannot be passed. For more information, contact 1568 or DDPM Hotline 1784.

**Rural roads:** 223 rural roads in 30 provinces are not passable. Additional inquiry, call 1146.

#### Expressway Authority of Thailand

Fare is exempted for 3 routes, namely 1) Kanchanaphisek Express Way (Bang Phli-Suksawas) 2) Buraphawithi Expressway and 3) Chalongraj Express Way, starting from 00.01 a.m. of 23 October 2011 until 24.00 p.m. of 31 October 2011. Toll way also exempts fare since 27 October 2011 at 06.00 a.m. to 5 November 2011 at 12.00 p.m. Two expressways namely; Sirsaman – Bang Poon and Bang Poon – Bang Pa In were closed. For more information, contact EXAT Call Center 1543 24 hrs.

**The Transportation Co. Ltd.** Flood has caused some roads impassable in several provinces (Phitsanuloke, Phichit, Nakhon Sawan, Uthai Thani, Lopburi, Singburi, Phra Nakorn Si Ayutthaya, Pathumthani, and Nonthaburi).

**North (In-Out Bound) route** starts from Bangkok Bus Terminal (Chatuchak) –Sri Ratch Express Way and exit at Rama IX Bridge – Mahachai District – Ban Paew District, Samutsakorn Province – Nakhon Pathom Province – Kampangsan district,

Nakhon Pathom Province – U-Thong District, Suphan Buri Province – Suphan Buri Province – Sripachan District, Suphan Buri Province – Samchuk District, Suphan Buri Province – Bang Rachan District, Singburi Province – Singburi Province – Nakhon Sawan Province – Kampangetch Province – Tak Province – Lampang Province – Chiang Mai Province and take regular roads.

**Northeast Route (In-Out bound)** starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Motor ways pass Suvarnabhumi Airport – Bang Nam Prieu District, Chaeongsao Province – take highway route 304 - Panomsarakham District, Chaeongsao Province – take highway route 319 – Ban Na District – Wihan Dang, Saraburi Province – Huay Kamin – take highway route 1 – Saraburi Province and take the regular roads.

For more information, contact 24 hr. Hotline 1490.

#### 1.4 Important Assistance Provision

1.4.1 **The Military** mobilized a wide range of resources to the flood affected areas, including immediate relief provision; search and rescue operation, medical care service provision; preparation of sandbags; propelling of water into the sea especially in the Bangkok and nearby areas such as Chaeongsao, Uthaitani, Lopburi, Srisaket, Nonthaburi, Pathumthani, Samut Sakhon, Samut Prakarn, Phra Nakhon Si Ayutthaya, Ang Thong Province; preparation of aircrafts and vehicles for relief items and evacuees transportation, and public notification; and excavation of all rivers and canals to accelerate the water drainage. The Military also constructed levy sandbags at Siriraj Hospital and Bang Plad District. In addition, they supported boats to push out water at several important canals and river such as Thaweewattana Canal, Phasi Charoen Canal, and Tha Chine River.

1.4.2 Department of Public Relations continues reporting the updated flood situation and assistances undertaken by all sectors. They also broadcast advisory message for people to live with flood water together with variety of TV programmes. People and all agencies can send their warning message or other information for further dissemination at email: [IOC\\_PRD@hotmail.com](mailto:IOC_PRD@hotmail.com) and [IOCPRD@gmail.com](mailto:IOCPRD@gmail.com) or via direct line at 0-2190-0233 or at Information Center of FROC at Energy Complex.

#### 1.4.3 Ministry of Interior

**Department of Disaster Prevention and Mitigation** assigned Deputy Director General (Mr. Prateep Kiratirheka) to run the joint mission for sand bags production by mobilizing manpower from DDPM Emergency Response Team (ERT) together with DDPM officials and Territorial Defence volunteers to safeguard the area at all time. DDPM supported 16 trucks, 2 mobile emergency spotlight trucks and 3 excavators for sand bag production. DDPM already produced the amount of 350,000 sand bags and they planned to produce 600,000 sand bags to BMA and other organizations for flood protection. For more information contact 1784.

The Department of Provincial Administration received 14,870 petitions from 17 provinces and 14,410 of which have already been solved since 9-31 October, 2011. They also dispatched the Territorial Defence Volunteers from the non-flood affected province to help flood victims in 5 provinces and in FROC activities.

#### 1.4.4 Ministry of Natural Resources and Environment

Department of Ground Water Resources supported altogether 5.63 million litres of clean water for the flood victims and water distributors at 43 sites of 9 flood affected provinces. Affected people have to bring water containers and can check the location of water distributors at 0-2299-3900 or [www.drg.go.th/flood](http://www.drg.go.th/flood)

1.4.5 Emergency Medical Institute of Thailand provided 10 Advance Life Support Teams and 2 Basic Life Support Team to provide victim assistance in flood affected areas.

## 2. SITUATION ASSESSMENT/FORECAST

2.1 Thai Meteorological Department (TMD): On 1 Nov, The ridge of high pressure from China covers the upper of Thailand and the South China Sea. Cool with mist in the morning is likely over the North and the Northeast of Thailand while Isolated thundershowers in Central and the East of Thailand during 1-2 days.

The moderate northeast monsoon prevails over the Gulf of Thailand and southern Thailand. Scattered thundershower is likely over the South east-coast and isolated heavy fall are expected in the lower portion from Surat Thani southward.

2.2 Department of Mineral Resources: Keep watching the risk of landslide and flashflood in the southern part. The areas include Surat Thani Province (Kirirat Nikom and Vipavadee District), Phattalung Province (Sibanphot, Kong Ra and Srinakarin District) and Trang Province (Nayong and Huay Yod District).

#### 2.3 Royal Irrigation Department (RID):

- **The North Basins (Yom basin):** There are still river runoff in many areas of Yom Basin, the inundation is decreasing in Bang Rakum District of Phitsanuloke Province and Po Pratap Chang of Phichit Province while the overflow is increasing in Sam Ngam District and Po Talay District of Phichit Province.
- **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and likely to increase.
- **The Central Basins (Thachine and Chao Phraya basin):** Inundation remains in some areas of Suphanburi and Nakhonpathom Province, but likely to decrease. Moreover, inundation are reported at Mueang District of Nakhon Sawan Province, Chainat Province at 0.60 m., Singburi province over 1.18 m and Phra Nakhon Si Ayutthaya Province at 0.78 m.
- **Rangsit Canal (Khlong Rangsit)** Water level at Chulalongkorn Water Gate is 3.97 meters (sandbag wall's height over 4.30 meters). Water level in Rangsit Canal is 3.635 m.
- **The capacity of Major Dams:**
  - **Bhumibol Dam:** it reached 99.2 Percent of retention capacity. 33 million cubic meters received, 30 million cubic meters discharged. The additional retention is 65 million cubic meters.
  - **Sirikit Dam:** it reached 99.7 Percent of retention capacity. 18 million cubic meters received, 18 million cubic meters discharged. The additional retention is 16 million cubic meters.

- **Kwae Noi Dam:** it reached **100** Percent of retention capacity. **3** million cubic meters received, **1.7** million cubic meters discharged.
- **Pasak Dam:** it reached **130** Percent of retention capacity. **6** million cubic meters received, **5** million cubic meters discharged.
- **Ubonrat Dam (Khon Kaen Province):** it reaches **112** Percent of retention capacity. **10** million cubic meters received, **20** million cubic meters discharged.
- **Lampao Dam (Kalasin Province):** it reaches **99** Percent of retention capacity. **4** million cubic meters received, **3** million cubic meters discharged.

## 2. SITUATION ASSESSMENT/FORECAST (Con't)

**2.4 Bangkok Metropolitan Administrative (BMA)** On October 31, the highest sea level was 2.49 meters at 10.45 a.m..

- Inner city of BMA Flood remained in Don Muang, Lak Si, Bang Khane, Sai Mai and Chatuchak District. Flood reported in Thon Buri areas in Bang Plad, Taweewatana, Taling Chan, Bang Kae and Pasi Chareon District.
- The inundation influx over protection levy in both of Chao Phraya river banks during sea level rise. BMA can handle the situation by drainage water back to BMA drainage system.
- BMA designated temporary shelters in many areas. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.

**2.5 Hydrographic Department of the Royal Thai Navy** on 1 Nov 2011 is expecting the sea level rising twice at 12.30 a.m at 2.22 m. and at 08.34 p.m. at 2.28 m.