

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

DATE: Monday, October 31, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
CHAIRPERSON: Mr.Pranai Suwannarat, Permanent Secretary for Interior/Deputy Director of FROC		

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 152 Districts, 1,145 Sub-Districts, 8,373 Villages, 724,364 families and/or 2,128,561 people are affected by the flood. The total fatalities are 381 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 Namnoi Sub-District, Had Yai District, Song Khla Province at 150.0 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 13.3 million livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: 73 main highways in 15 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. 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, Ayutthaya, Pathumthani, and Nonthaburi).

North (In-Out Bound) route starts from Bangkok Bus Terminal (Chatuchak) – Don Muang Toll Way and exit at Royal Thai Mint Factory – take regular route of Asia Highway. If the first route is congested, the alternate one is Bangkok Bus Terminal (Chatuchak) – Lam Lukka Road – Klong 13 (Canal 13) – Rangsit-Ong Ka Ruk Road – Ban Na, Nakhon Nayok Province – Saraburi Province – Lopburi Province. From this

1. CURRENT SITUATION (CON'T)

passengers can take Tak Fa-Phai Salee to Phichit, Phitsanulok, Uttaradit, Nan, and Chiang Rai Provincetake. Passengers also can take Tak Fa-Takhlee to Nakhon Sawan, Kamphangphet, Tak, Lampang, and Chiangmai Province.

Northeast Route (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Lamlukka Road – Klong 13 (Canal 13) – Rangsit-Ong Ka Ruk Road – Ban Na, Nakhon Nayok Province – 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 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 and 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 provided 1 remote pump truck to support Public Water Work Authority to drain water from Prapa Canal for 9 days since 23 Oct 2011. They also 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 already produced the amount of 280,700 sand bags and 251,480 sent the sand bags to BMA and other organizations according to FROC order. In addition, DDPM also provided 16-wheeled trucks, lighting trucks, and excavators to support FROC activities.

The Department of Provincial Administration received 14,566 petitions from 17 provinces and 14,124 of which have already been solved since 9-30 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 Water Resources supported 98 water pumps in 16 provinces for water drainage to alleviate flood for 375,040 cubic meters per day.

Department of Ground Water Resources supported altogether 5.15 million litres of clean water for the flood victims and water distributors at 27 sites of 12 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

2. SITUATION ASSESSMENT/FORECAST

2.1 Thai Meteorological Department (TMD): On 31 Oct, the moderate of high pressure area from China extend to cover upper Thailand. Cool weather is expected over the North and the Northeast of Thailand. The temperature will drop 1-3 Celsius.

The moderate northeast monsoon prevails over the Gulf of Thailand and southern Thailand. Fairly widespread rain and isolated heavy fall are expected over the South east-coast especially from Chumphon southward during 31 October 2011. Be cautioned of inundation and flashflood.

2.2 Department of Mineral Resources: Keep watching the risk of landslide and flashflood in the southern part. The areas include Nakhon Si Thammarat Province (Ronpiboon and Noppitum District), Phattalung Province (Sibanphot, Kong Ra and Srinakarin District), Trang Province (Palien and Yan Ta Khao District) and Songkla (Ratapum, Sabaiyoi and Had Yai).

2.3 Royal Irrigation Department (RID):

- **The North Basins (Yom basin):** There are still river runoff in many areas of Yom Basin, but likely to decrease.
- **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and likely to decrease.
- **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 0.8 m., Singburi province over 1.22 m and Phra Nakhon Si Ayutthaya Province at 0.85 m.
- **Rangsit Canal (Khlong Rangsit)** Water level at Chulalongkorn Water Gate is 4.03 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 99.4 Percent of retention capacity. 37 million cubic meters received, 30 million cubic meters discharged. The additional retention is 77 million cubic meters.
 - **Sirikit Dam:** it reached 99.8 Percent of retention capacity. 19 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, 7 million cubic meters discharged.

- **Ubonrat Dam (Khon Kaen Province):** it reaches 112 Percent of retention capacity. 11 million cubic meters received, 21 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 2.53 meters at 09.15 a.m..

- Inner city of BMA Flood remained in Don Muang District, Bang Khane and Sai Mai. The overflow moved southward to Lad Prao and Lak Si District.
- Flood reported in Thon Buri areas in Bang Plad, Taweewatana and Taling Chan District.
- The water overflowed increased in BMA canals and the vehicles could not pass in many main roads. The inundation influx at the private flood protection barrier near 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 31 Oct 2011 is expecting the sea level rising twice at 11.31 a.m at 2.50 m. and at 07.53 p.m. at 2.30 m.

3. Executive Guideline

- 3.1** According to In – Out Bound of Pethchakasem Road from Bangkok to Nakhon Pathom Province may influx from water overflow on 31 Oct 2011, travelers must verify the routes before their trips or divert to Rama II Road.
- 3.2** Due to present flood situation cause people get sick easily, EMIT is required to evacuate patients in advance to safer areas.