

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

DATE: Thursday, November 3, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
CHAIRPERSON: Mr. Wiboon Sanguanpong, Director – General of Department of Disaster Prevention and Mitigation		

1. CURRENT SITUATION

- 1.1 **Current flooded provinces:** there are 25 recent flooded provinces: **North;** (Phichit, 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 **144** Districts, **1,101** Sub-Districts, **8,033** Villages, **712,712** families and/or **2,099,240** people are affected by the flood. **The total fatalities are 437 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 Klong Kien Sub-District, Takua Tung District, Phang Nga Province at 42.5 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:** 219 rural roads in 29 provinces are not passable. **Additional inquiry, call 1146.**
- Expressway Authority of Thailand**
- The EXAT extended expressway fare exemption for 3 routes, namely 1) Kanchanaphisek Express Way (Bang Phli-Suksawas) 2) Buraphawithi Express Way and 3) Chalongraj Express Way, starting from 00.01 a.m. of 23 October 2011 until 24.00 p.m. 14 November 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 are closed. **For more information, contact EXAT Call Center 1543 24 hrs.**
- The Transport Co.Ltd.** Flood affected provinces caused impassable routes in Phitsanuloke, Pichit, Nakhon Sawan, Uthai Thani, Lopburi, Singburi, Phra Nakorn Si Ayutthaya, Pathumthani and Nonthaburi Province.

1. CURRENT SITUATION (CON'T)

Northeast Route (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Motor ways pass Suvarnabhumi Airport – Bang Nam Prieu District, Chacheongsao Province – take highway route 304 - Panomsarakham District, Chacheongsao 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.

Northern Routes (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Rama IX Bridge – Mahachai District, Sumut Sakorn Province – Ban Preaw District, Samut Sakorn Province – Nakhon Pathom Province – Kampansan District, Nakhon Pathom Province – U Thong Road, Suphan Buri Province – Sri Prachan District, Suphan Buri Province – Sam Chuk District, Suphan Buri Province – Bang Rachan District, Singburi Province – Singburi Province – Ta Kli – Tak Fa – Paisali – Phichit Province – Phitsanuloke Province – Uttaradit Province – Denchai District, Uttaradit Province – Nan and Chain Rai. From Nakhon Sawan Province, passengers take route to – Kampangpetch Province – Tak – Lampang - Chaing Mai Province

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 Chacheongsao, Uthaithani, Lopburi, Srisaket, Nonthaburi, Pathumthani, Samut Sakhon, Samut Prakarn, Phra Nakhon Si Ayutthaya, Ang Thong Province, Singburi, Lopburi and Bangkok; 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 and secure the levies at many critical areas such as Water Supply Canal, Khlong Hok Wa. 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 **Nation Public Relations Department** broadcasted daily warning messages, summarized FROC activities, victim assistant knowledge such as electricity utilization guidelines during disaster, evacuation procedure, stress alleviation, flood prevention and live broadcast for flood situation update.

The concerned agencies could support information to e-mail address : IOCPRD@hotmail.com and IOCPRD@gmail.com at the FROC Public Relation Office at 1st Floor, Energy Complex, Ministry of Energy.

1. CURRENT SITUATION (CON'T)

1.4.3 Metropolitan Electricity Authority (MEA) monitored and produced electricity according to their Customers' requirement including Public Water Work pump and discharge stations under MEA responsibility. For flood affected areas, MEA provided vehicles, manpower, equipment and retrofitting materials for flood protection and elevate electricity equipment and measurement machines.

1.4.2 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. On 3 Nov 2011, DDPM and volunteer is expecting to produce 1,100,000s sandbags in 3 November to support Air Force, BMA and Ministry of Transportation. DDPM also supported many tools and equipment for flood prevention production. **For more information contact 1784.**

The **Department of Provincial Administration** received 15,169 petitions from 17 provinces and 14,995 of which have already been solved since 9 October to 2 November 2011. They also dispatched a cadre of the Territorial Defence Volunteers from the non-flood affected province to help flood victims in 5 provinces and in FROC activities.

1.4.3 Ministry of Natural Resources and Environment

Department of Ground Water Resources distributed 66,000 liters of clean water for the flood victims and water distributors at 12 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

Department of Mineral Resources: dispatched vigilant team to inspect 43 disaster risk areas, including 12 sites for landslide, 16 soil creeps, 3 areas for cracks, 4 areas for river bank erosion, 1 area for sink hole, and 6 areas for flashflood. And 1 area of other cause (loud cracking noise at the ground). Another vigilant team was dispatched to provide assistance in Chacheongsao province such as cranes for car evacuation, transportation for evacuation, and inspection of water level at different points of the province.

1.4.4 Ministry of Public Health dispatched 8 proactive Medical Service Team by trucks and boats which leded by General Inspector, doctors, nurses and public health officers in 3 routes; Thaweewattana and Bang Plad District. They provided medical treatment, distributed medical supplies and dispatched their volunteer and staffs to help animals bite victim to receive vaccine. People can receive Rabies vaccine at Bamratnaradun Institute 24 hrs.

2. SITUATION ASSESSMENT/FORECAST

2.1 **Thai Meteorological Department (TMD):** During 3-4 November 2011, the ridge of high pressure from China covers the upper of Thailand decreased. Cool with mist in the morning is likely over the North, upper central and the Northeast of Thailand. During 5-8 November 2011, another ridge of high pressure from China covers Northeastern and South China Sea together with the eastern wind prevails over the Gulf of Thailand. Increased rainfall is expected in the lower portion of northeast, eastern, central, and southern part of Thailand.

2.2 **Royal Irrigation Department (RID):**

- **The North Basins (Yom basin):** There is still river runoff in many areas of Yom Basin, the inundation is decreasing in Bang Rakum District of Phitsanuloke Province and Po Pratap Chang, Sam Ngam, Po Talay District of Phichit Province.

2. SITUATION ASSESSMENT/FORECAST (CON'T)

- **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 0.53 m., Singburi province over 1.12 m. and Phra Nakhon Si Ayutthaya Province at 0.70 m.
- **Rangsit Canal (Khlomg Rangsit)** Water level at Chulalongkorn Water Gate is 3.89 meters (sandbag wall's height over 4.30 meters). Water level in Rangsit Canal is 3.64 m.
- **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99.5 Percent of retention capacity. 31 million cubic meters received, 30 million cubic meters discharged. The additional retention is 65 million cubic meters.
 - **Sirikit Dam:** it reached 99.8 Percent of retention capacity. 16 million cubic meters received, 18 million cubic meters discharged. The additional retention is 18 million cubic meters.
 - **Kwae Noi Dam:** it reached 96 Percent of retention capacity. 2 million cubic meters received, 1.7 million cubic meters discharged.
 - **Pasak Dam:** it reached 129 Percent of retention capacity. 4 million cubic meters received, 5.2 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.

2.3 **Bangkok Metropolitan Administrative (BMA)** On 2 November, the highest water level in Chao Phraya River at Pak Khlomg Talad Station was 2.32 meters at 12.30 a.m.

- Areas flooded in eastern side of Bangkok are Don Mueang, Lak Si, Bang Khane, Sai Mai, Chatuchak, Lad Praw, Meenburi, Khlomg Samwa, Nong Jok and Lad Krabang District. Western parts of Bangkok that are flooded are

Bang Plad, Bangkok Noi, Taweewatana, Taling Chan, Bang Kae, Nong Kham and Pasi Chareon District.

- At riverside areas, river overflow can be expected during sea level rise. However, BMA can manage the overflow and its drainage.
- BMA designated temporary shelters in many areas. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.

2.4 Hydrographic Department of the Royal Thai Navy: On 3 Nov 2011, sea level rises once at 1.22 p.m. at 2.28 m.