

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

DATE: Sunday, November 6, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
CHAIRPERSON: Mr. Panu Yamsri, Director Disaster Mitigation Directing Center		

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, Samut Prakarn and Bangkok) **Northeast** ; (Ubon Ratchathani, Srisaket, Roi-et, Surin, Mahasarakham and Kalasin); **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi) The total of **147** Districts, **1,127** Sub-Districts, **8,193** Villages, **1,154,576** families and/or **3,151,224** people are affected by the flood. **The total fatalities are 506 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 Nong Thong Sub-District, Pa Bon District, Phattalung Province at 44.0 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:** 75 main highways in 10 provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**
- Rural roads:** 210 rural roads in 30 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. Two expressways namely; Sirsaman – Bang Poon and Bang Poon – Bang Pa In are closed. **For more information, contact EXAT Call Center 1543 24 hrs.**
- State Railway of Thailand** 12 routes affected from floods as the followings; 1) Bang Khane – Laksi 2) Laksi – Dong Mueang ; 3) Don Mueang – Rangsit ; 4) Rangsit – Chiang Rak ; 5) Chaing Rak - Chiang Rak Noi ; 6) Ban Po – Ayutthaya ; 7) Ayutthaya – Ban Ma ; 8) Bang Sue Junction – Bang Bam Ru ; 9) Taling Chan Junction – Sala Thammasop ; 10) Salaya – Wat Suwan ; 11) Wat Suwan – Ngew Rai ; and 12) Nong Pla Duk Junction – Suphan Buri

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.

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 - Chacheongsao Province - Panomsarakham District, Chacheongsao Province – take highway route 319 – Prachin Buri Province – Pak Plee District, Nakhon Nayok Province take highway 33 - Ban Na District, Nakhon Nayok Province – 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 – Pichit Province – Phitsanuloke Province – Uttaradit Province – Denchai District, Uttaradit Province – Nan and Chaing Rai. From Nakhon Sawan Province, passengers take route to – Kampangetch Province – Tak – Lampang - Chaing Mai Province and

Southern Routes – Southern Bus Terminal has moved to to Holland Beer Garden on Rama 2 road.

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 and Nakhon Pathom; 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, Taweewattana Canal, Phuttamonton Road sai 2-4. In addition, they supported boats to push out water at several important canals and river such as Pra Ong Chao Chaiyanuchit Canal in Chacheongsao Province, Praves Burirom Canal, Nakhon Neaung Ket Canal, Udom Chollajorn Canal ,Premprachakorn Canal, Bang Bua Canal, San Sab Canal, Lad Praw Canal and Mahanak Canal in BMA.

1. CURRENT SITUATION (CON'T)

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 6 Nov 2011, DDPM and volunteer is expecting to complete production of 500,000 sandbags and 3,300 big sand bags in order to support Royal Air Force, BMA and Metropolitan Waterworks Authority (MWA) flood fighting at Pratunam Pra In (Pra In Watergate), the Water Supply System of MWA and Sam Wa Canal. Additionally DDPM will additionally support 1,500 cubic meter of sand to Ministry of Transportation and BMA. For more information contact 1784.

The Department of Provincial Administration received 15,621 petitions from 17 provinces and 15,389 of which have already been solved since 9 October to 5 November 2011. They also dispatched a cadre of the Territorial Defence Volunteers from the non-flood affected province to help flood victims in 6 provinces (Phra Nakhon Si Ayutthaya, Nakhon Sawan, Ang Thong, Pathumthani, Nonthaburi and Nakhon Pathom) and FROC's activities.

1.4.4 Ministry of Natural Resources and Environment

Department of Water Resources (DWR) supported water pumps to support water propelling to the sea since 29 October – 5 November 2011, 2,837,466 cubic meters at the amount of water. They also provide the amount of 31,838 liters of drinking water and installed two purification production machines to distribute to people in Taweewatana Canal and DWR. At present, they distributed 641,000 DASTA BALL for water Treatment to affected provinces and people.

2. SITUATION ASSESSMENT/FORECAST

2.1 **Thai Meteorological Department (TMD):** During 6-8 November, the active low cell over the middle China Sea will cover the coast of Vietnam. This causes more rain over the western portion of the Northeast, the East and the South. From 8-11 November 2011, new ridge of high pressure from China covers Northeastern and South China Sea together with the eastern wind prevails over the North, upper Central and Northeastern of Thailand, isolated thundershower and hails is expected, cool weather will be expected and 2-5 degree Celsius temperature dropped.

2.2 Royal Irrigation Department (RID):

- **The North Basins (Ping and Yom basin):** There is still river runoff in many areas of Ping Basin is decreasing in Bunpotpisai District of Nakhon Sawan province while the Yom Basin, an inundation is decreasing in Bang Rakum District of Phitsanuloke Province and Sam Ngam of Phichit Province.
- **Nan Basin** the overflow is decreasing in Chumsang District of Nakhon Sawan Province.

- **.The Central Basins (Thachine and Chao Phraya basin):** at Thachine River The inundation are reported at Mueang District of Nakhon Sawan Province at 0.80 m. below river, Sap Praya District of Chainat Province over at 0.39 m. over river bank, Singburi province at 0.95 m. below river bank, Ang Thong province at 0.34m. below river bank, Phra Nakhon Si Ayutthaya Province at 0.78 m below river bank and Bang Sai District of Phra Nakhon Si Ayutthaya Province at 0.54m.over river bank. The overflow is likely to decrease.
- **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and likely to decrease
- **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99.3 Percent of retention capacity. 31 million cubic meters received, 30 million cubic meters discharged. The additional retention is 71 million cubic meters.
 - **Sirikit Dam:** it reached 99.5 Percent of retention capacity. 14 million cubic meters received, 18 million cubic meters discharged. The additional retention is 28 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 1 million cubic meters received, 2.6 million cubic meters discharged.
 - **Pasak Dam:** it reached 129 Percent of retention capacity. 4 million cubic meters received, 2.61 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 5 November, the highest water level in Chao Phraya River at Pak Khlong Talad Station was 2.17 meters at 02.30 p.m.

- Flood overflow In Eastern parts of BMA from the past 24 hrs. at Lower Klong Hok Wa Watergate (Lower Hok Wa Canal) decreased 1 c.m., Lad Praw Canal increased a little amount and the Western parts of BMA at Klong Taweewattana Watergate (Taweewattana Canal) decreased 1 c.m., Mahasawas Canal decreased 1 c.m..
- 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 6 Nov 2011, sea level rises twice at 07.48 a.m. at 1.84 m. and at 3.21 p.m. at 2.18 m.