

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

DATE: Wednesday, November 9, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
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CHAIRPERSON: Mr.Panu Yamsri, Director of Disaster Mitigation Directing Center

1. CURRENT SITUATION

1.1 **Current flooded provinces:** there are 24 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, Mahasarakham and Kalasin); **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi) The total of **137** Districts, **1,048** Sub-Districts, **7,420** Villages, **1,059,957** families and/or **2,868,061** people are affected by the flood. **The total fatalities are 529 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 Khao Sam Sip Sub-District, Khao Chakan District, Srakeaw Province at 91.0 mm.

1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 11,190,000 rai; 199,577 rai of fish/shrimp ponds and over 24.11 million livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: 73 main highways in 10 provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

Rural roads: 192 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. of 20 November 2011. The EXAT will also expand fare exemption for additional 3 routes, namely 1) Sri Ratch Express Way 2) Chalong Ratch Express Way and 3) Chalerm Mahanakorn from 00.01 a.m. of 9 November 2011 until 24.00 p.m. of 20 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 for parts of routes in Phra Nakorn Si Ayutthaya, Pathumthani and Nonthaburi Province.

Northeast Route (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Ram In Tra Express Way – Lam Luk Ka District, Pathum Thani Province - Nakhon Nayok Province – Ban Na District of Nakhon Nayok Province – Hin Kong District of Saraburi Province – Nakhon Nayok Province – Mittapap Road – Take regular road.

Northern Routes (In-Out bound in the Morning and Afternoon) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Don Mueang Toll Way – Exit at Phaholyothin Road at the Royal Thai Mint Factory – Bang Pa In Grade Separation - Asia Highway and takes regular roads.

Northern Routes (In-Out bound in the Evening and the Night Time) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Dao Kanong Express Way – Rama II – Mahachai District – Ban Preaw District of Samutsakorn Province – Nakhon Pathom Province – Suphan Buri Province – Singburi Province – Asia Highway and Take Regular roads.

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; preparation of aircrafts and vehicles for relief items and evacuees transportation at Industrial Estates in Phra Nakhon Si Ayutthaya, Pathumthani and public notification; and excavation 3 canals namely; 1) Lad Prao Canal 560 m., width 20 m. 2) San Sap Canal 300., width 20 m. and 3) Mahanak Canal 460 m., 20 m width (93 % completed) to accelerate the water drainage.

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, Territorial Defence to safeguard the area at all time. At present, DDPM and volunteers have produced 340,440 sand bags.

DDPM Operation on 8 Nov 2011, they produced additional 2,500 big sand bags in order to support flood fighting activities with the Royal Thai Air Force. Additionally DDPM will support additional 300 cubic meters to be completed

1,500 cubic meters of sand. Besides, DDPM and Volunteers provided sand and sandbags as BMA and Ministry of Transportation requested. **For more information contact 1784.**

The Department of Provincial Administration received 16,019 petitions from 17 provinces and 15,851 of which have already been solved since 9 October to 9 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 180 water pumps to support water propelling to the sea in the west through Tha Chine River during 29 October – 8 November 2011. On 8 November, 738,773 cubic metres were propelled, the total amount of 5,044,161 cubic meters were drained. They also provide the amount of 66,729 liters of drinking water and installed two purification production machines to distribute to people in Taweewatana Canal and DWR. At present, they distributed 1 million DASTA BALL for water Treatment to affected provinces and people.

Department of Natural Resources mobilized operation Team, vehicles, loader trucks to assist victims in Chaeongsao Province from 5-11 Nov 2011.

1.4.6 Ministry of Public Health provided assistance via call center 1111 since 8 Oct – 8 Nov 2011, received 136,775 petitions 136,775 of which have already been helped (85.9 %).

Medical Emergency Institute of Thailand transferred acute patients by aircrafts, boats and vehicles and received petitions 240 calls of Hot line 1669.

1.4.7 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.

2. SITUATION ASSESSMENT/FORECAST

- 2.1 **Thai Meteorological Department (TMD):** During 8-9 November, the active low cell over the middle China Sea will cover the coast of Vietnam and move toward the coastal to Hainan Island. This will cause more rainfall 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, Temperature will be dropped 2-5 degree Celsius. The increase of rainfall in the South and during 12-13 November the northeast monsoon prevails the South and the Gulf of Thailand, causes scatter and heavy rainfall.

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 2.60 m. below river bank in Bunpotpisai District of Nakhon Sawan province while the Yom Basin, an inundation is decreasing 1.47 m. below river bank in Bang Rakum District of Phitsanuloke Province ; Potalay and Sam Yam District, 0.15 m. and 0.05 m. below river bank respectively.
- **Nan Basin** the overflow is likely to decrease below river bank 1.11 m. in Chumsang District of Nakhon Sawan Province.
- **.The Central Basins (Thachine and Chao Phraya basin):** The overflow is likely to decrease at Thachine River in Meuang and Song Pee Nong District of Suphan Buri Province, 0.18 m. and 0.86 m. above river bank respectively ; Banlane District and Nakhon Chai Sri of Nakhon Pathom Province, 1.55 m. and 1.13 m. below river respectively. The inundation are reported at Mueang District of Nakhon Sawan Province at 1.11 m. below river bank, Sap Praya District of Chainat Province at 0.01 m. over river bank, Singburi province at 0.76 m. below river bank, Ang Thong province at 0.46 m. below river bank, Phra Nakhon Si Ayutthaya Province at 0.76 m below river bank and Bang Sai District of Phra Nakhon Si Ayutthaya Province at 0.47 m. 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 99.1 Percent of retention capacity. 28 million cubic meters received, 30 million cubic meters discharged. The additional retention is 84 million cubic meters.
 - **Sirikit Dam:** it reached 99.5 Percent of retention capacity. 13 million cubic meters received, 15 million cubic meters discharged. The additional retention is 34 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 0.57 million cubic meters received, 0.86 million cubic meters discharged.
 - **Pasak Dam:** it reached 129 Percent of retention capacity. 2.38 million cubic meters received, 1.8 million cubic meters discharged.

2.3 Department of Water Resource reported river level at Mekong River in Chiang San District of Chiang Rai Province was 8.47 m., Meaung District of Nong Kai Province was 7.74 m., Meaung District of Nakhon Panom Province 8.33 m., and Meaung District of Nakhon Panom Province 8.33 m. below river bank.

2.3 Bangkok Metropolitan Administrative (BMA) On 9 November, the highest water level in Chao Phraya River at Pak Khlong Talad Station was 2.05. meters at 06.15 a.m.

- Flood overflow In Eastern parts of BMA from the past 24 hrs., Lower Klong Hok Wa at Klong Song Watergate decreased 1 c.m., Lad Praw Canal continually increased in particular at Lad Praw Temple at Lad Praw Soi 56 and Pradit Munutham Road, Inundation at the North of Premprachakorn Canal decreased while the inner Premprachakorn Canal increased. Flood in the Western parts of BMA at Mahasawas Canal remained at the high level, the overflow from Salaya is approaching to many areas.
- 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 9 Nov 2011, sea level rises twice at 06.49 a.m. at 2.00 m. and at 4.30 p.m. at 2.01 m.