

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

DATE: Tuesday, November 8, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
CHAIRPERSON: Mr.Pranai Suwannarat, Permanent Secretary for Interior		

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 **141** Districts, **1,067** Sub-Districts, **7,543** Villages, **1,078,502** families and/or **2,921,898** people are affected by the flood. **The total fatalities are 527 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 Sanam Chai Sub-District, Nayai Arm District, Chantaburi Province at 32.0 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: 71 main highways in 10 provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

Rural roads: 193 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. 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 takes the regular roads **or** starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Don Mueang Toll Way – Wang Noi District – Saraburi Province and takes regular routes.

Northern Routes (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Don Mueang Toll Way – Phra Nakhon Si Ayutthaya Province – Asia Highway and takes 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 of all rivers and canals 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 317,840 sand bags.

On 7 Nov 2011, they are expecting to accelerate to produced additional 2,900 big sand bags in order to support flood fighting activities. Additionally DDPM will support 460 cubic meters to compete 1,500 cubic meters sand from yesterday as Ministry of Transportation and BMA requested. Besides, DDPM and Volunteers prepare to produce 150,000 sand bags and 3,500 cubic meters provide as agencies concerned requested.

For more information contact 1784.

The Department of Provincial Administration received 15,929 petitions from 17 provinces and 15,780 of which have already been solved since 9 October to 7 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

The Permanent Secretary assigned Department of Natural Parks, Wildlife and Plants Conservation, Department of Forestry, Department of Water Resource and Department of Groundwater Resources to visit 30 flood affected BMA districts to distribute relief items, drinking water and liquid and bar of Effective Microorganism from 8-12 November 2011.

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 – 7 November 2011. On 7 November, 676,524 cubic metres were propelled, the total amount of 4,305,388 cubic meters were drained. They also provide the amount of 57,427 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.

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 2.59 m. below river bank in Bunpotpisai District of Nakhon Sawan province while the Yom Basin, an inundation is decreasing 1.68 m. below river bank in Bang Rakum District of Phitsanuloke Province ; Potalay District 0.11 m. below river bank respectively.
- **Nan Basin** the overflow is likely to decrease below river bank 1.03 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, 0.24 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 1.01 m. below river bank, Sap Praya District of Chainat Province over at 0.11 m. over river bank, Singburi province at 0.86 m. below river bank, Ang Thong province at 0.37 m. below river bank, Phra Nakhon Si Ayutthaya Province at 0.77 m below river bank and Bang Sai District of Phra Nakhon Si Ayutthaya Province at 0.50 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 99.4 Percent of retention capacity. 28 million cubic meters received, 30 million cubic meters discharged. The additional retention is 77 million cubic meters.
 - **Sirikit Dam:** it reached 99.6 Percent of retention capacity. 16 million cubic meters received, 15 million cubic meters discharged. The additional retention is 31 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 0.41 million cubic meters received, 1.7 million cubic meters discharged.
 - **Pasak Dam:** it reached 129 Percent of retention capacity. 1.6 million cubic meters received, 1.8 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 8 November, the highest water level in Chao Phraya River at Pak Khlong Talad Station was 1.91. meters at 06.06 p.m.

- Flood overflow In Eastern parts of BMA from the past 24 hrs., Don Mueang decreased 10 c.m ,Lower Klong Hok Wa at Klong Song Watergate decreased 2 c.m., Lad Praw Canal continually remained the same level, North of Premprachakorn Canal decreased while the inner Premprachakorn Canal increased. Flood in the Western parts of BMA at Klong Taweewattana Watergate (Taweewattana Canal) decreased 1 c.m., Mahasawas Canal remained 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 7 Nov 2011, sea level rises twice at 05.55 a.m. at 2.00 m. and at 4.07 p.m. at 2.07 m.