

## 24/7 Emergency Operation Center for Flood, Storm and Landslide

DATE: Thursday, October 6, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Wiboon Sanguanpong, Director-General of Department of Disaster Prevention and Mitigation, Ministry of Interior		

### 1. CURRENT SITUATION

- 1.1 Current flooded provinces: there are 28 recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Uthai Thani, Chai Nat, Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Lopburi, Sara Buri, Suphan Buri, Nakhon Pathom, Pathumthani, Nonthaburi, Ubon Ratchathani, Khon Kaen, Chacheongsao, Nakhon Nayok, Prachinburi, Chaiyaphum, Srisaket, Yasoothorn, Roi-et, Lampang, Leoi, Nakorn Ratchasima, and Surin. The total of 201 Districts, 1,486 Sub-Districts, 11,208 Villages, 826,377 families and/or 2,604,220 people are affected by the flood. The total fatalities are 244 deaths and 3 missing. (Missing: 1 in Mae Hong Son, 1 in Uttaradit and 1 in Khon Kean)
- 1.2 Amount of Rainfall: The heaviest rainfall in the past 24 hours is in Klong Sam-Wha District, Bangkok at 156.0 mm.
- 1.3 Estimate Losses and Damages:
- 1.3.1 Agricultural impact: Farming areas which would be affected are estimated at 7,528,805 rai; 107,732 rai of fish/shrimp ponds and 8.5 million of livestock (source: Ministry of Agriculture and Cooperatives as of 3 October 2011).
- 1.3.2 Transportation Routes:
- Highway: 43 main highways in 13 provinces are flooded and cannot be passed. For more information, contact 1568 or DDPM Hotline 1784.
- Rural roads: 121 rural roads in 20 provinces are not passable. Additional inquiry, call 1146.
- Railways: All the north-bound routes are cancelled. For more information, contact State Railway of Thailand's Hotline 1690.
- 1.3.3 Underground water resources: 29,201 wells and 5,806 enclosed wells were affected. The Department of Underground Water Resource has been providing more than 2.9 million liters of water in the flood affected areas. The Department provided drinking water in 5 provinces namely; Phitsanuloke Province, Chiang Mai Province, Chainart Province, Phra Nakorn Sri Ayudthaya Province and Ubon Ratchathani Province.
- 1.4 Important Assistance Provision
- 1.4.1 The Military has mobilized resources for the flood affected areas in 25 provinces with over 5,000 soldiers, 18 engine boats, 6 Mobile Medical Service Team to and food to help victims. The regional army centers have been assisting in the severe affected areas of Chiang Mai Province, Phitsanuloke Province, Phra Nakorn Sri Ayudthaya Province, Lopburi Province, Angthong Province, Singburi Province and Ubon Ratchathani Province.
- 1.4.2 The Royal Thai Police dispatched officers and provided flat boats to assisted affected people to evacuate their properties and increase the security in the affected area as well as assist in relief efforts when requested. Additionally, the police officers have been assigned to suppress disputes for overflow drainage among neighboring communities with the provincial office.
- 1.4.3 Department of Public Health reported that there were 382 health stations affected by the flood. The total of service provided by the Department of Mental Health Service: 68,078 cases. Provided medicines and supplies 1.18 million sets, 171,000 tubes of tinea pedis prevention wax and 160 serum cylinder and set up evacuation location for the targeted groups (elder, handicapped, people with chronicle diseases, and children)
- 1.4.4 Emergency Medical Institute of Thailand reported the emergency medical operation in the flood area: deliver medicine and medical supplies in the unreachable areas of Lopburi province (total of 7 flights). Assisted in transferring 17 cases of emergency patients

- and met with all public health organizations to prepare for more transferring of emergency cases from the flooded areas.
- 1.4.5 GISTDA will be providing the satellite images to assist with identification of flooded households according to the compensation policy of 5,000 Baht per household.
- 1.4.6 MCOT have been providing information on the flood situation; especially in the aspect of the needs in the flooded areas and early warning messages, and will be adjusting the schedule to accommodate the flow of information on flood situations to the public.

## 2. SITUATION ASSESSMENT/FORECAST

### ● Royal Irrigation Department (RID):

#### River Basins

- **Ping Basin:** Inundation remained in Hod District, Chiang Mai Province today and most likely to decrease in couple days. The inundation at Banpotpisai District of Nakhon Sawan Province is likely to increase.
- **Yom Basin:** Inundation remained and likely to increase in Bang Rakum District of Phitsanulok Province as well as water level in 3 districts (Sam Ngam, Pho Thale, and Pho Prathap Chang) of Pichit Province.
- **Nan Basin:** Inundation is likely to remain in Bang Mun Nak, and Meuang District of Pichit province, Chum Sang District of Nakhon Sawan Province.
- **Pasak Basin:** Inundation in Wichian Buri District of Petchabun province is decreasing.
- **Prachinburi River Basin:** Inundation in Meuang and Kabinburi District of Prachinburi Province is decreasing.
- **Mun Basin:** Inundation remains and likely to increase in Chok Chai District, Dan Khun Tod District and Non Thai District while the overflow is likely to decrease in Pimai District of Nakhon Ratchasima Province. The overflow is likely to increase in Satuk, and Krasang District of Buriram Province. Similarly, inundation remains and likely to increase in Suvannabhum District of Roi-Et Province; Ta Tum District of Surin Province; and Huay Thap Thun District, Meuang District and Rasisalai District of Srisaket Province. However, decreasing inundation is reported in Meuang, Trakan Phutphon, and Detudom Distict of Ubonratchathani province.
- **Chi Basins:** Inundation is increasing in Mahasarakham Province (Kosumphisai District); Khon Kaen Province (Munjakhiri District); Roi-Et province (Jung Han and Thung Khao Luang District), Kalasin Province (Kamonlasai District), Chaiyaphum Province (Meuang District), Khon Kaen Province, Meuang District of Mahasarakham Province and Si That District of Udonthani Province.
- **Mae Khong Basin:** the inundation is decreasing, keep up monitored closely.
- **Sakaekrang Basin:** Inundation is likely to increase in Meuang District of Uthaithani Province.
- **Lower Chao Phraya Basin:** Water level is increasing. Inundation remains at lowlands of Uthaithani, Chainat, Singburi, Ang Thong, Suphanburi, Phra Nakhon Si Ayutthaya (Bang Sai Ayutthaya is the confluence of Chao Phraya River), Pathumthani, and Nonthaburi Province.
- **Tha Chine Basin:** Inundation is increasing in Bangplama and Nakhon Chaisi District of Suphanburi Province.

#### Major Dams

- Bhumibol Dam: it reached 98 Percent of retention capacity.
- Sirikit Dam: it reached 99 Percent of retention capacity.
- Kwae Noi Dam: it reached 98 Percent of retention capacity.
- Pasak Dam: it reached 136 Percent of retention capacity.

**2. SITUATION ASSESSMENT/FORECAST (CONT)**

- Department of Water Resources: Posted the early warning to monitor the water at 5 water stations in Phang nga Province (Green level: Monitoring)
- Bangkok Metropolitan Administrative (BMA) On October 5, the highest sea level is expecting at 03:49 PM. No flood threat to BMA is reported. Special attention should be made at the eastern side of BMA, the outer flood prevention areas, including Meenburi, Nong Jok, Lad Krabang and Khlong Sam Wa District. In addition, The BMA has been prepared necessary resources for flood prevention and mitigation. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.

**3. WARNING AND ADVISORY MESSAGE**

- Thai Meteorological Department (TMD): issued warning Tropical Storm "NALGAE" No.9 dated October 5, 2011: At 1900 UTC, tropical depression "NALGAE" over the Dong Hoi City, Vietnam the low cell.  
The monsoon trough lies across the Central, the lower Northeast and the East of Thailand. The active southwest monsoon prevails over the Andaman Sea, Thailand and the Gulf of Thailand. Torrential rain is likely over the whole country with isolated heavy rain in the lower North, the lower Northeast, the Central, the East, and the South west-coast. People should beware of severe heavy rain during 1-2 days. The strong wind-waves in the Andaman Sea and the upper Gulf are expected 2-3 meters high. All ships should proceed with caution and small boats keep ashore.
- Department of Land Resource Warned the residents in risk areas for landslide and flashflood at Klung District in Chanthaburi Province, Koh chang District, Boh Rai District in Trat Province, Kuraburi and Krapor Districts of Ranong Province, Krapong, Thaimuang, and Takuapha Districts of Phang Gha Province, and Phanom District in Suratthaini Province.

**4. THE 2P2R MEASURES**

- 1) Due to the recent forecast of scatter rain in the central Thailand whereas already flooded in conjunction with the increasing water released from the dam and the northern Thailand, the provinces in the central Thailand should monitor the situation closely and prepare for the incoming situation by send out early warning, identify evacuation spots and routes, reinforce the water gate and dam, as well as provide assistance to the population in preparation process.
- 2) The government officials have been providing life vest to the concerned agencies and population but there are still more demand for life vests; therefore, while the government is accelerate the process to deliver more life vests, for the Public Relation Department and MCOT to disseminate information on how to make easy buoyant tool from household equipments and how to protect yourself during flood to the public through all channels.
- 3) For the Ministry of Transport to quickly restore the main highway where flooded such as ASIA Highway.