

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

DATE: Wednesday, October 26, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Don Mueang Airport
CHAIRPERSON: Mr. Pranai Suwannarat, Permanent Secretary for Interior		

### 1. CURRENT SITUATION

1.1 **Current flooded provinces:** there are **26** recent flooded provinces: **North**; (Sukhothai, Phichit, Phitsanulok, Nakhon Sawan and Uthai Thani) **Central** ; (Chai Nat, Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Lopburi, Saraburi, Suphan Buri, Nakhon Pathom, Pathumthani, Nonthaburi, and Samutsakhon) **Northeast** ; (Ubon Ratchathani, Khon Kaen, Srisaket, Roi-et, , Surin, Mahasarakham and Kalasin) ; **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi)  
The total of **162** Districts, **1,297** Sub-Districts, **9,937** Villages, **807,865** families and/or **2,428,907** people are affected by the flood. The total fatalities are **356** 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 Sai Khao Sub-District, Hua Sai District, Nakhon Si Thammarat Province at 72.0 mm.

#### 1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 10,687,143 rai; 205,990 rai of fish/shrimp ponds and over 12.58 million of livestock (source: Ministry of Agriculture and Cooperatives).

#### 1.3.2 Transportation Routes :

**Highway:** **75** main highways in **14** provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

**Rural roads:** **202** rural roads in **30** provinces are not passable. **Additional inquiry, call 1146.**

#### **The State Railway of Thailand**

11 affected routes namely Donmuang - Rangsit, Rangsit – Chaing Rak, Chaing Rak – Chaing Rak Noi, Chaing Rak Noi – Klong Put Sa, Klong Put Sa – Pang Pa In, Pang Pa In – Ban Po, Ban Po – Ayutthaya, Ayutthaya – Ban Ma, Lop Buri – Ta Kae, Nong Pla Duk – Suphan Buri and Bang Sue – Bang Bamru. **For more information, contact 1690, 24 hrs.**

**The Transportation Co. Ltd.** Flood affected provinces namely; Phitsanuloke, Phichit, Nakhon Sawan, Uthai Thani, Lopburi, Singburi, Phra Nakhon Si Ayutthaya, Pathum Thani and Nonburi Province cannot use normal routes. **North In - Out bound** using route Bangkok Terminal (Chatuchak) – Sri Wichai Express Way – Rama II – Petchakasem road – Sampran Garden – Nakhon Pathom Province – Malai Man Road – Suphan Buri Province – U - Thong District – Dan Chang District of Suphan Buri Province – Ban Rai District – Nong Chang District of Uthai Thani Province – Lad Yao District of Nakhon Sawan Province – Klong Lan District of Kampangetch Province and then

passengers can use normal routes. **Northeast In - Out bound** using route Bangkok Terminal (Chatuchak) – Sri Wichai Express Way – Bang Na - Bang Prakong – Panom Sarakam District of Chaeongsao Province – Prachin Buri Province and U-Turn at Nakhon Nayok Province- Ban Na District of Nakhon Nayok Province – Hin Kong of Saraburi Province – Nakhon Ratchasima Province and then passengers can use normal routes. **For more information, contact 24 hr. Hotline 1490.**

#### 1.4 Important Assistance Provision

- 1.4.1 **The Military** has set up the civil-army coordinating center to work with The Flood Relief Operations Center (FROC) at Don Mueang Airport. They also 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 Chaeongsao, Nonthaburi, Pathum Thani, Samut Sakhon, Phra Nakhon Si Ayutthaya, Nakhon Sawan, Uthai Thani, Singburi, Ang Thong, Lopburi, Nakhon Nayok, Nakhon Pathom and Samut Prakarn Province; 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.
- 1.4.2 **The Department of Provincial Administration** 1) assigned the District Chief candidates to assist flood management operation in Phra Nakhon Si Ayutthaya, Nakhonsawan, Nonthaburi, Pathumthani and Lopburi Province 2) received 11,262 petitions from 17 provinces and 9,770 of which have already been solved since 9-25 October, 2011.
- 1.4.3 **Emergency Medical Institute of Thailand** On 25 October 2011, 18 patients were transferred via car to nearby hospitals, 10 patients via aircraft from Don Mueang Emergency Center to Pasat Hospital of Chiang Mai Province, Saraburi Hospital of Saraburi Province and Udon Thani Hospital of Udon Thani Province.
- 1.4.4 **The Department of Ground Water Resources** has distributed over 4.72 million litres of clean water to the flood victims and set up 42 sites for water distributors at 9 flood affected provinces. People can bring containers to receive water at the distribution sites. **For more information call 02 299 3900 or [www.drg.go.th/flood](http://www.drg.go.th/flood)**
- 1.4.5 **The Department of Mineral Resources** supported vehicles for transport relief items to the people in Bang Nam Prieu District of Chaeongsao Province.
- 1.4.6 **Ministry of Natural Resources and Environment** supported 27 boats, 4 helicopters 1.31 liters of drinking water for victim assistance in Phra Nakhon Si Ayutthaya, Nonthaburi and Pathumthani Province. They distributed liquid microorganism 929 liters, 500 bars of microorganism for water treatment in flood affected areas.
- 1.4.7 Royal Thai Police mobilized equipment and dispatched officers from region center 1, 2, 3 to distributed relief kits to victim in Phra Nakhon Si Ayutthaya, Lop Buri, Ang Thong, Sing Buri, Pathum Thani, Nakhon Pathom, Suphan Buri and Nonthaburi Province. They also supported helicopters to support FROC operation mission.

## 2. SITUATION ASSESSMENT/FORECAST

2.1 **Thai Meteorological Department (TMD):** During 26-31 Oct, another new moderate high pressure area from China will cover upper Thailand. Rainfall and cool weather with drop 1-3 Celsius is expected. This condition is affected in the Northeast at the first and the others part later. The Northeast monsoon will cover south and the Gulf of Thailand causing isolate and heavy rainfall in the south east coastal of Thailand from Chumporn Province downward.

2.2 **Department of mineral Resources:** Keep watching the risk of landslide and flashflood in several areas of the southern part. The areas include Nakhon Si Thammarat Province (Kanom, Sichon, Nobphitam, Lan Sa Ka and Tung Song District); and Pattalung Province (Kong Ra, Sri Nakarin and Sri Banpot District)

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

- **The North Basins (Ping, Yom and Nan basin):** There are still river runoff in many areas, but likely to decrease.
- **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and likely to increase in Surin, Sisakes, Buriram, Mahasarakham, Yasothon and Ubon Ratchathani Province. The overflow is likely to decrease in Nakhonratchasima, Roi – Et, Khonkean and Kalasin Province..
- **The Central Basins (Thachine and Chao Phraya basin):** The overflow in Song Pee Nong District of Supha Buri Province and Bang Lane District of Nakhon Pathom Province is decreasing. Inundation remains in Mueang District of Nakhon Sawan Province over 0.26 m., lowlands of Uthaithani Province over 0.10 m., Chainat Province at 1.0 m., Singburi province over 1.22 m, Phra Nakhon Si Ayutthaya Province at 1.15 m and Bang Sai District of Phra Nakhon Si Ayutthaya Province over 4.20 m.
- **The capacity of Major Dams:**
  - **Bhumibol Dam:** it reached 99.7 Percent of retention capacity. 40 million cubic meters received, 55 million cubic meters discharged. The additional retention is 40 million cubic meters.
  - **Sirikit Dam:** it reached 99.8 Percent of retention capacity. 16 million cubic meters received, 15 million cubic meters discharged. The additional retention is 16 million cubic meters.
  - **Kwae Noi Dam:** it reached 99 Percent of retention capacity. 5 million cubic meters received, 1.7 million cubic meters discharged.
  - **Pasak Dam:** it reached 130 Percent of retention capacity. 25 million cubic meters received, 17 million cubic meters discharged.
  - **Ubonrat Dam (Khon Kaen Province):** it reaches 116 Percent of retention capacity. 26 million cubic meters received, 36 million cubic meters discharged.
  - **Lampao Dam (Kalasin Province):** it reaches 100 Percent of retention capacity. 8 million cubic meters received, 3 million cubic meters discharged.

**2. SITUATION ASSESSMENT/FORECAST (Con't)**

**2.4 Bangkok Metropolitan Administrative (BMA)** The barrier walls broke caused water leakage in many areas of outer BMA walls, causing flood at Bang Plad, Phra Nakhon and Dusit District. On October 26, the highest sea level is expecting at 4.51 p.m. causing leakage at flood prevention wall of the private entities. However, BMA keeps monitoring the water level due to the increasing water level of Chao Phraya River.

- BMA has been trying to drain water from the north to the sea by open up the water gates. This may result in the increasing of water level in many canals of Bangkok. The areas that have already been flooded include river bank communities, and the eastern side of BMA which is out of the flood prevention wall (Meenburi, Nong Jok, Ladkrabang, and Khlong Sam Wa District). People are advised to keep up with the situation update.
- Water Level at Premprachakorn Canal increased due to the overflow of Prapa Canal (Waterworks Canal).
- In addition, the BMA designated temporary shelters in many areas. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.

**2.5 Hydrographic Department of the Royal Thai Navy** is expecting the sea level rise twice at 06.13 a.m at 2.40 m. and 4.51 p.m. at 2.46 m. The highest sea level is expecting again form October 27-31, 2011 **at 2.65 m.**