

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

DATE: Saturday, October 22, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Don Mueang Airport
CHAIRPERSON: Mr. Wiboon Sanguanpong, Director-General of Department of Disaster Prevention and Mitigation/Deputy-Director of EOC		

1. CURRENT SITUATION

1.1 **Current flooded provinces:** there are **28** recent flooded provinces: **North**; (Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Uthai Thani, Kumpangpetch and Tak); **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 **175** Districts, **1,376** Sub-Districts, **10,367** Villages, **817,493** families and/or **2,459,141** 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 Bang Nai Si Sub-District, Takua Pa District, Pang Nga Province at 56.0 mm.

1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 10,301,830 rai; 205,142 rai of fish/shrimp ponds and over 12.3 million of livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: **77** main highways in **15** provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

Rural roads: **197** rural roads in **31** provinces are not passable. **Additional inquiry, call 1146.**

Railways: All the 18 North-bound routes are still cancelled. The 12 Northeastern - bound routes are diverted to Bangkok - Mukkasan - Chacheongsao - Kang Khoi Junction where passengers can change either to Nong Khai Province Station or Ubon Ratchathani Province Station. The Northeastern bound does not stop at Samsen station, Bang Sue Station, or Don Mueang Station. All passengers must be on board at Bangkok Station (Hua Lumpong). For more information, **contact State Railway of Thailand's Hotline 1690.**

Expressway Authority of Thailand

Two routes are closed. Express way out bound to Chiang Rak-Thammasat University, Rangsit Campus, small cars cannot pass due to inundated – road as well as the Express way from Bang Pa In - Pak Kred at k.m. 22-29 due to 70 – 80 c.m. flooded. For more information, contact EXAT Call Center 1543 24 hrs.

1. CURRENT SITUATION (CON'T)

The Transportation Co. Ltd. The North and Northeast in-out bound routes operates normally, using route Bangkok Terminal (Chatuchak)-Lak Si-Phra Si Mahathat Temple-Ramindhra-Km. No. 8 – Fashion Island Shopping Center - Eastern Roundabout - Ongkharak District of Nakhon Nayok province – Banna District - Kang Khoi District. For those heading to the North, from Kang Khoi turning to Highway No. 1, passing Khok Samrong – Nong Muang – Tak Fa – Highway No. 11 – Sak Lek – turn left to Highway No. 12 – Phitsanulok – Sukhothai – Tak – and use Highway No. 1 to Chiang Mai Destination. From Phitsanulok, passengers can use normal routes to Phrae, Nan and Chiang Rai. For those heading to the Northeast, they can use normal routes from Kang Khoi. **For more information, contact 24 hr. Hotline 1490.**

The Mass Transit Co. Ltd. They provide buses for transporting evacuees to the appointed temporary shelters, as well as volunteers from Don Mueang Airport to Victory Monument and Thammasat University, Rangsit Campus to Don Mueang Airport, Victory Monument and Tha Phrachan Campus.

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 Samut Sakhon 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 Royal Thai Police** dispatched Patrol Police equipped with boats and trucks to transfer the evacuees and medical team for flood victims in Pathumthani and Surin Province. Police Aviation Division also supported 2 helicopters for air surveillance of the affected areas in Bangkok, Pathumthani, and Nonthaburi Province.
- 1.4.3 **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 6,032 petitions from 17 provinces and 5,057 of which have already been solved since 9-20 October, 2011.
- 1.4.4 **Ministry of Public Health** provided Medical Mobile Services and conducted the mental health assessment as well as visited the affected people in 37 provinces. The top 5 reported illnesses are 1) tinea pedis, 2) strained muscles, 3) fever, 4) skin disease, and 5) headache. For mental health problem, most of the flood victims are reported 4,202 people with hypertension, 5,885 with depression, 807 at risk of commit suicide, and 1,237 required special care.
- 1.4.5 **Emergency Medical Institute of Thailand** On 21 October 2011, 13 patients were transferred via car to nearby hospitals, 5 patients via aircraft from Phra Nang Klao Hospital to Phra Pokklao Hospital in Chanthaburi Province.

1. CURRENT SITUATION (CON'T)

- 1.4.6 **The Department of Ground Water Resources** has distributed 4.3 million litres of clean water to the flood victims and set up 34 sites for water distributors at 9 flood affected provinces. They also supported 6-wheel trucks and boats for evacuation at Pathumthani and Phra Nakhon Si Ayutthaya Province.
- 1.4.7 **The Department of Mineral Resources** dispatched 2 expert teams to investigate the affected areas and provided assistance to the affected people in Chachoengsao province. They also supported vehicles for transporting relief items to the people in Chacheongsao and Samut Prakan Province.
- 1.4.8 **Ministry of Natural Resources and Environment** dispatched expert teams to investigate water quality in Bangban District of Phra Nakhon Si Ayutthaya Province based on the GISTDA's report of reflecting stains at the satellite image of the affected areas. The initial assessment found no oil spilled and contamination. In this connection, the DDPM Director-General has coordinated with the District Chief of Bang Ban and reported that this area is the location of bricks factory and the reflection might be stains of ashes spreading over the area.

2. SITUATION ASSESSMENT/FORECAST

- 2.1 **Thai Meteorological Department (TMD):** The moderate high pressure from China decreased its intensity, causing the North cloudy and cool in the morning. The North East monsoon trough over the Gulf of Thailand and Southern of Thailand causes increasing in rain in the Eastern South. During 20-22 Oct, People in Suratthani to the down south must be prepared for flashflood and inundation.
- 2.2 **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 Lower North Basins (Sakaekrang, and Pasak basin):** Inundation remains, and likely to decrease.
 - **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and most have tendency to increase in Nakhonratchasima, Surin, Sisakes, Buriram, and Ubon Ratchathani Province.
 - **The Eastern Basin (Prachinburi basin):** Inundation remains, and likely to decrease.
 - **The Central Basins (Thachine and Chao Phraya basin):** Inundation remains in Nakhon Sawan Province over 0.44 m., Uthaitthani Province over 0.20 m., Chainat and Singburi province over 1.25 m.
 - **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99.9 Percent of retention capacity. 65 million cubic meters received, 60 million cubic meters discharged. The additional retention is 9 million cubic meters.
 - **Sirikit Dam:** it reached 99 Percent of retention capacity. 25 million cubic meters received, 11 million cubic meters discharged. The additional retention is 36 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 5 million cubic meters received, 8.6 million cubic meters discharged.
 - **Pasak Dam:** it reached 136 Percent of retention capacity. 33 million cubic meters received, 30 million cubic meters discharged.
 - **Ubonrat Dam (Khon Kaen Province):** it reaches 117 Percent of retention capacity. 31 million cubic meters received, 44 million cubic meters discharged.

2. SITUATION ASSESSMENT/FORECAST (Con't)

- **Lampao Dam (Kalasin Province):** it reaches 100 Percent of retention capacity. 13 million cubic meters received, 8 million cubic meters discharged.

2.3 Bangkok Metropolitan Administrative (BMA) On October 22, the highest sea level is expecting at 3.48 p.m. which is lower than the rim of the wall causing no threats to BMA. However, BMA has been trying to drain water 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. In addition, the BMA designated temporary shelters at 158 schools in 24 districts for 35,805 people. 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 is expecting the sea level rise at 3.48 p.m. at 2.10 m. The highest sea level is expecting again form October 27-31, 2011 at 2.30 – 2.35 m.