

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

DATE: Monday, October 24, 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 **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, **1,384** Sub-Districts, **10,468** Villages, **819,861** families and/or **2,469,639** 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 Nam Jeud Sub-District, Lang Suan District, Chumporn Province at 34.5 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 12.6 million of livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: **76** main highways in **15** provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

Rural roads: **203** 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. The social route (Free route) Bangkok-Ayutthaya-Bangkok, passengers can travel from Bangkok – Bang Pa In only. 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 outbound from Bang Poon- Bang Pa, Ayutthaya Province, 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 flooding. **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 Province. 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 provided 200 buses to evacuate over 3,000 flood victims from Thammasat University to the new shelter at Rajamangala National Stadium, Hua Mak, Bangkok. The Mass Transit Co., Ltd also provided buses for volunteers from Don Mueang Airport to Victory Monument.

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 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 9,023 petitions from 17 provinces and 7,502 of which have already been solved since 9-23 October, 2011.
- 1.4.3 **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 4,210 people with hypertension, 5,882 with depression, 807 at risk of commit suicide, and 1,237 required special care.
- 1.4.4 **Emergency Medical Institute of Thailand** On 23 October 2011, 62 patients were transferred via car to nearby hospitals, 39 patients via aircraft from Don Mueang Emergency Center to Chandrubeksa Hospital, Nakhon Pathom Province and Chao Phraya Yommaraj Hospital, Suphan Buri Province.

1. CURRENT SITUATION (CON'T)

- 1.4.5 **The Department of Public Information** disseminated warning message and measures undertaken by the FROC on a daily basis. Live Programme from the flood affected sites as well as special programme on flood victims assistance, flood prevention measures, stress reduction during disaster are also available throughout the day. All sectors and agencies can share the warning message and related information through this network by email at IOC_PRD@hotmail.com and IOCPRD@gmail.com; or by telephone at 02-504-3248-52 or directly to Public Information Center at FROC, Don Mueang Airport (Departure Terminal).
- 1.4.6 **The Department of Ground Water Resources** has distributed 4.51 million litres of clean water to the flood victims and set up 42 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. Additionally, they prepared sites for water distribution in case of emergency flooding in Bangkok in Rayong, Ratchaburi and Saraburi 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 Bang Nam Prieu District of Chacheongsao Province.
- 1.4.8 **Ministry of Natural Resources and Environment** supported 31 boats, 2 trucks, 11 mobile toilets and water tanks for victim assistance in Phra Nakhon Si Ayutthaya, Nonthaburi, Saraburi and Pathumthani Province. They distributed liquid microorganism 114 liters, 200 bars of microorganism and 198,000 Dasta Ball for water treatment in flood affected areas.

2. SITUATION ASSESSMENT/FORECAST

- 2.1 **Thai Meteorological Department (TMD):** The northeast monsoon prevails over the Gulf of Thailand and southern Thailand. Scattered to fairly widespread rain is likely in the areas and isolated heavy rain occurs in southern (east coast) Thailand a couple days. During 25-29 Oct, another moderate high pressure area from China will cover upper Thailand. Rainfall and cool weather with drop 1-3 oC is expected over upper Thailand. This condition is affected in the Northeast at the first and the others part later.
- 2.2 **Department of mineral Resources:** Keep watching the risk of landslide and flashflood in several areas of the southern part. The areas include Chumphon Province (Sawi, Phato, and Lang Suan District); Nakhon Si Thammarat Province (Sichon and Nobphitam District); Surat Thani Province (Koh Samui District) and Songkha Province (Jana District)

2. SITUATION ASSESSMENT/FORECAST (Con't)**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 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 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 Eastern Basin (Prachinburi basin):** Inundation remains, and likely to decrease.
- **The Central Basins (Thachine and Chao Phraya basin):** Inundation remains in Mueang District of Nakhon Sawan Province over 0.37 m., lowlands of Uthaithani Province over 0.10 m., Chainat Province at 1.0 m., Singburi province over 1.22 m and Phra Nakhon Si Ayutthaya Province at 1.15 m.
- **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99.8 Percent of retention capacity. 58 million cubic meters received, 60 million cubic meters discharged. The additional retention is 16 million cubic meters.
 - **Sirikit Dam:** it reached 99.6 Percent of retention capacity. 20 million cubic meters received, 11 million cubic meters discharged. The additional retention is 20 million cubic meters.
 - **Kwae Noi Dam:** it reached 99 Percent of retention capacity. 5 million cubic meters received, 7.6 million cubic meters discharged.
 - **Pasak Dam:** it reached 134 Percent of retention capacity. 30 million cubic meters received, 26 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.

2.4 Bangkok Metropolitan Administrative (BMA) On October 24, the highest sea level is expecting at 4.36 p.m. which is lower than the rim of the wall causing no threats to BMA. However, BMA keeps monitoring the water level due to the increasing water level of Chao Phraya River. This may result in leakage at flood prevention wall of the private entities.

- **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 at 4.36 p.m. at 2.28 m. The highest sea level is expecting again form October 27-31, 2011 at 2.45 m.

24/7 Emergency Operation Center for Flooding, Storm and Landslide (Don Mueang Airport)

TEL: 02 504 3563, 02 504 3584 **FAX:** 02 504 3584 **EMAIL:** dpm_eoc@yahoo.com

(24 hrs. line) **TEL:** 02 637 3580-5 **FAX:** 02 241 7450-6 **HOT LINE:** 1784 **EMAIL:** operation@nirapai.com **WEBSITE:** www.disaster.go.th