

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

DATE: Friday, October 28, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Don Mueang Airport
CHAIRPERSON: Mr. Panu Yamsri, Director of Disaster Mitigation Directing Center		

1. CURRENT SITUATION

- 1.1 **Current flooded provinces:** there are **27** 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, Samutsakhon and Bangkok) **Northeast** ; (Ubon Ratchathani, Khon Kaen, Srisaket, Roi-et, Surin, Mahasarakham and Kalasin); **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi) The total of **153** Districts, **1,154** Sub-Districts, **8,427** Villages, **731,557** families and/or **2,153,304** people are affected by the flood. The total fatalities are **377** 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 Pasang Sub-District, Wiang Chaing Rung District, Chiang Rai Province at 120.0 mm.
- 1.3 **Estimate Losses and Damages:**
- 1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 10,986,252 rai; 222,366 rai of fish/shrimp ponds and over 13.3 million livestock (source: Ministry of Agriculture and Cooperatives).
- 1.3.2 Transportation Routes :
- Highway:** **77** main highways in **16** provinces are flooded and cannot be passed. For more information, contact 1568 or DDPM Hotline 1784.
- Rural roads:** **216** rural roads in **30** provinces are not passable. Additional inquiry, call 1146.
- Expressway Authority of Thailand**
- Fare is exempted for 3 routes, namely 1) Kanchanaphisek Express Way (Bang Phli-Suksawas) 2) Buraphawithi Expressway and 3) Chalongraj Express Way, starting from 00.01 a.m. of 23 October 2011 until 24.00 p.m. of 31 October 2011. Toll way also exempted fare since 27 October 2011 at 06.00 a.m. to 5 November 2011 at 12.00 p.m. For more information, contact EXAT Call Center 1543 24 hrs.
- The Transportation Co. Ltd.** Flood still affected in some provinces (Phitsanuloke, Phichit, Nakhon Sawan, Uthai Thani, Lopburi, Singburi, Ayutthaya, Pathumthani, Nonthaburi and Bangkok) and passengers could not travel by regular routes and some part of the roads. For more information, contact 24 hr. Hotline 1490.

1. CURRENT SITUATION (CON'T)

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, Samut Prakarn, Phra Nakhon Si Ayutthaya, Ang Thong 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. The Military also constructed levy sandbags with the Metropolitan Waterworks of Thailand at Prapa Canal from Srisaman Intersection to Syphon site, Pathumthani Province and propelled water at Ladkrabang, Pra Ong Chaiyanuchit, Premprachakorn and Bang Bua Canal. The Royal Thai Navy also tried flood water drainage through 3 canals namely; South Ladpao, Taweewatnana and Pasichareon by cooperating with Port Authority of Thailand and Electricity Generating Authority of Thailand since October 24, 2011.

1.4.2 **The Department of Provincial Administration** received 13,869 petitions from 17 provinces and 12,442 of which have already been solved since 9-27 October, 2011. They also dispatched the Territorial Defence Volunteers from the non-flood affected province to help flood victims in 5 provinces and in FROC.

1.4.3 Ministry of Natural Resources and Environment

Department of National Parks, Ministry of Natural Resources and Environment supported bamboo rafts and boats in "Klong 7", Pathumthani Province and manpower to help victims in Nonthaburi Province, as well as retrofitting soil levy at Rapeepat Canal. They also dispatched manpower to spill liquid microorganism for water treatment at Ongkaruk district of Nakhon Nayok Province.

Department of Water Resources provided drinking water production trucks to distribute 24,000 liters to flood victims.

Department of Ground Water Resources supported altogether 4.8 million litres of clean water for the flood victims and water distributors at 38 sites of 9 flood affected provinces. Affected people have to bring water containers and can check the location of water distributors at 0-2299-3900 or www.drg.go.th/flood

Pollution Control Department supported 20,052 liters of liquid microorganism and 907 bars of as well as providing suggestion to use BIOREMEDIATION AGENT microorganism for water treatment at Ta It Sub-district, Pakkred District of Nonthaburi Province. They also dispatched 250 officers to coordinate and suggest the flood victims to get rid of garbage and chemical materials in Ayutthaya, Nonthaburi, Bangkok and Chuseongsao Province.

Department of Mineral Resources surveyed water level at Kalong Canal, Ta Tua Water Gate and Peng Canal cross with Phra Ong Chao Chaiyanuchit Canal for drainage water to Dan Canal. They support cranes and trucks to carry 70 fiber boats and received supplies at Ban Kai Rayong Province to donate at Bang Nam Prieu District of Chuseongsao Province.

1.4.4 The Department of Public Information established donation center and disseminated government victim assistance measures; budget assistance, credit assistance, investment and 16 goods control measures. They also provide information of shelters, transportation routes and contact number for victims. The broadcast 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. 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).

2. SITUATION ASSESSMENT/FORECAST

2.1 **Thai Meteorological Department (TMD):** During 28-31 Oct, the moderate of high pressure area from China extend to cover upper Thailand. Cool weather is expected over the North and the Northeast of Thailand. Widely scattered is likely in the Central and the East of Thailand. The moderate northeast monsoon prevails over southern Thailand.

2.2 **Department of Mineral Resources:** Keep watching the risk of landslide and flashflood in the southern part. The areas include Nakhon Si Thammarat Province (Mueang and Lan Ska District) and Phattalung Province (Sibanphot and Srinakarin District).

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

- **The North Basins (Ping, Yom and Nan basin):** There are still river runoff in many areas of Yom Basin, but likely to decrease.
- **The Northeastern Basins (Mun and Chi basin):** Inundation is reported in many areas, and likely to decrease except Mueang, Rasisalai, and Kanthararom district of Sisakes Province; and Thung Khao Luang District of Nakhonratchasima Province.
- **The Central Basins (Thachine and Chao Phraya basin):** Inundation remains in some areas of Suphanburi and Nakhonpathom Province, but likely to decrease. Moreover, inundation are reported at Mueang District of Nakhon Sawan Province at 0.13 m., lowlands of Uthaithani Province at 0.10 m., Chainat Province at 1.0 m., Singburi province over 1.22 m and Phra Nakhon Si Ayutthaya Province at 4.16 m.
- **Rangsit Canal (Klong Rangsit)** Water level at Chulalongkorn Water Gate is 4.07 meters (sandbag wall's height over 4.30 meters). Water level in Rangsit Canal is 3.56 m.
- **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99.3 Percent of retention capacity. 35 million cubic meters received, 37 million cubic meters discharged. The additional retention is 59 million cubic meters.
 - **Sirikit Dam:** it reached 99.8 Percent of retention capacity. 17 million cubic meters received, 16 million cubic meters discharged. The additional retention is 13 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 2 million cubic meters received, 1.7 million cubic meters discharged.
 - **Pasak Dam:** it reached 130 Percent of retention capacity. 14 million cubic meters received, 8.6 million cubic meters discharged.

- **Ubonrat Dam (Khon Kaen Province):** it reaches 114 Percent of retention capacity. 21 million cubic meters received, 31 million cubic meters discharged.
- **Lampao Dam (Kalasin Province):** it reaches 100 Percent of retention capacity. 4 million cubic meters received, 3 million cubic meters discharged.

2. SITUATION ASSESSMENT/FORECAST (Con't)

2.4 **Bangkok Metropolitan Administrative (BMA)** On October 28, the highest sea level is expecting at 8.30 a.m. 2.57 m.

- **Risk areas are** Bang Khen, Sai Mai, Lak Si, Ladkrabang, Khanna Yao, Meenburi, Khlong Samwa, Bang Phlad, Thaweewatthana, Wang Thong Lang, Nong Jok, Meenburi and Ladprao District.
- **Warning for Evacuation areas** are Don Muang, Bang Plad and Taweewattana District and Sala Thammasop Sub-District.
- Inundation is reported in many roads, including 1) Viphavadi Road from Don Mueang to Lak Si Junction 2) Paholyotin Road from The Memorial Monument to Paholyotin 54/1; 3) Changwattana Road along the Prapa Canal to Laksi Junction; 4) Charunsanitwong Road from Soi 41-45; 5) Arun Ummarin Junction from Pin Klao Bridge to Pata Shopping Mall; 6) Borom Ratchonnanee Road 7) Puttamonton Road 2 and 3 to Puttamonton Market inundation 10-50 c.m. 8) Bang Phlad District Office due to flood water runoff from the leakage at private owned flood wall in Bangkrui District of Nonthaburi Province and the tunnel at Bangplad Junction is closed due to inundation.
- 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 rising twice at 08.03 a.m at 2.57 m. and at 5.52 p.m. at 2.45 m. The highest sea level is expecting again from October 27-31, 2011 at 2.65 m.