

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

DATE: Friday, October 21, 2011

TIME: 09.00

LOCATION: Disaster Relief Operation Center at Don Mueang Airport

CHAIRPERSON: Mr. Pranai Suwannarat, Permanent Secretary for Interior/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 342 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 Phla Sub-District, Ban Chang District, Rayong 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 10,301,830 rai; 179,901 rai of fish/shrimp ponds and over 12.3 million of livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: **79** main highways in **15** provinces are flooded and cannot be passed. For more information, contact 1568 or DDPM Hotline 1784.

Rural roads: **198** rural roads in **32** 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

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.

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; preparation of aircrafts for relief items transportation and public notification; and excavation of all rivers and canals to accelerate the water drainage in Bangkok, Samut Prakarn, Chaeongsao, Nonthaburi, Pathumthani, Phra Nakhon Si Ayutthaya, Nakhon Pathom, Pitsanuloke, Pichit, Uttaradit, Uthai Thani, Singburi, Ang Thong and Lopburi Province.
- 1.4.2 **The Royal Thai Police** has given an order to all stations at the flood affected areas to patrol and safeguard the areas for crime prevention and assistance provision to the flood victims. Patrol Police and Marine Police on duty at Phranakhon Si Ayutthaya province are ordered to mobilize some resources and manpower to assisting in Bang Bua Thong District of 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, 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 3,933 people with hypertension, 5,601 with depression, 783 at risk of commit suicide, and 1,211 required special care.

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- 1.4.5 **Emergency Medical Institute of Thailand** facilitated and supported the EMS operation via aircraft, boats, and cars to transfer trauma patients. On 20 October 2011, 11 patients were transferred via car to nearby hospitals, 3 patients from Jiraprawat Hospital in Nakhon Sawan Province via aircraft of the Ministry of Agriculture and Cooperatives to King Monkut Hospital.
- 1.4.6 **The Government Public Relations Department** adjusted the live broadcast programmes for updating flood situation report and provided spokesman press release programme from Donmeung Airport. Press release is also available for the public at Information Center of FROC on the 2nd Floor. Anybody who is interested in receiving situation update via e-mail can also make a request at the center and the website for press release is available at <http://Thailand.prd.go.th>.
- 1.4.7 **The Department of Ground Water Resources** provided more than 4.07 million liters of water to the flood affected people. They also dispatched 43 Mobile Units of Water Purification to the 11 affected provinces. The Department also increased the water production in affected area by drilling ground water, 162 meter depth, 6,000 liters/ hrs.
- 1.4.8 **Department of Disaster Prevention and Mitigation** reported the result of the impact assessment for extra compensation (3rd Compensation) of 5,000 THB per one family in 36 affected provinces in accordance with the Cabinet's Resolution dated 27 September 2011. There are 334,039 families to be compensated with the total amount of 1,670,195,000 THB. DDPM has coordinated with the governors to recheck the victim list and send back confirmation to DDPM by 28 October 2011. At present, DDPM can forward 296,242 verified victim lists (88.68 %) to the Saving Bank for further action.

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 **Department of Water Resources :** provided warning messages for flashflood at Ban Koteoy, Klong Pa Sub District, Ta Chana District, Surat Thani Province and Ban Rung Ruenag, Ban Sap Tawee, Ban Srakaow, Ban Klong Song, Ban Klong Klang, Lamae Sub-District, Lamae District, Chumporn Province.
- 2.3 **Department of Mineral Resources** warned the villagers for flashflood and mudslide at Noppitum District, Kanom District, Sichon District of Nakhon Si Thammarat Province, Koh Samui and Kanchanadit District of Surat Thani Province.
- 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.

2. SITUATION ASSESSMENT/FORECAST

- **The Eastern Basin (Prachinburi basin):** Inundation remains, and likely to decrease.
- **The Central Basins (Thachine and Chao Phraya basin):** The inundation at Mueang and Song Pee Nong District of Suphanburi Province and Banglane, Nakhonchaisri district of Nakhonpathom Province is decreasing. Water runoff is reported and keeps increasing in lowland areas of Uthaithani, Chainat, Singburi, Lopburi, Ang Thong, Suphan Buri, Ayutthaya, Saraburi, Pathumthani, and Nonthaburi Province.
- **The capacity of Major Dams:**
 - **Bhumibol Dam:** it reached 99 Percent of retention capacity. 76 million cubic meters received, 60 million cubic meters discharged. The additional retention is 15 million cubic meters.
 - **Sirikit Dam:** it reached 99 Percent of retention capacity. 21 million cubic meters received, 10 million cubic meters discharged. The additional retention is 59 million cubic meters.
 - **Kwae Noi Dam:** it reached 100 Percent of retention capacity. 8.7 million cubic meters received, 8.7 million cubic meters discharged.
 - **Pasak Dam:** it reached 138 Percent of retention capacity. 45 million cubic meters received, 34 million cubic meters discharged.
 - **Ubonrat Dam (Khon Kaen Province):** it reaches 119 Percent of retention capacity. 35 million cubic meters received, 48 million cubic meters discharged.
 - **Lampao Dam (Kalasin Province):** it reaches 100 Percent of retention capacity. 11 million cubic meters received, 12 million cubic meters discharged.

2.4 Bangkok Metropolitan Administrative (BMA) In the past 6 hrs., the heaviest rainfall was 64.5 mm. at Bangkoknoi District. On October 20, the highest sea level is expecting at 2.08 p.m. The highest water level of Chao Phraya River will not affect the inner area of the BMA. The outer areas of the flood prevention wall in Meenburi, Nong Jok, Lad Krabang, and Khlong Sam Wa District are keeping close watch with the inundation from Rangsit Canal.

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>.

2.5 Hydrographic Department of the Royal Thai Navy is expecting the sea level rises twice at 2.08 p.m. at 2.06 m. and 08.33 p.m. at 2.02 m. The highest sea level is expecting again form October 27-31, 2011 at 2.30 – 2.35 m. no affected to inner areas of flood prevention walls.