

## 24/7 Emergency Operation Center for Flood, Storm and

<b>DATE:</b> Thursday, September 30, 2011	<b>TIME:</b> 09.00	<b>LOCATION:</b> Meeting Room 2, Ministry of Interior
<b>CHAIRPERSON:</b> Mr. Panu Yamsri, Director of Disaster Mitigation Directing Center		

### 1. CURRENT SITUATION

**1.1 Current flooded provinces:** there are **23** recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Uthai Thani, Chai Nat, Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Lopburi, Sara Buri, Suphan Buri, Nakhon Pathom, Pathumthani, Nonthaburi, Ubon Ratchathani, Khon Kaen, Chacheongsao, Nakhon Nayok, Prachinburi, Chaiyaphum, Srisaket and Surin. The total of **160** Districts, **1,158** Sub-Districts, **8,618** Villages, **591,592** families and/or **1,894,792** people are affected by the flood. **The total fatalities are 188 deaths and 3 missing.** (Missing: 1 in Mae Hong Son, 1 in Uttaradit and 1 in Chiang Mai)

**1.2 Amount of Rainfall:** The heaviest rainfall in the past 24 hours is in Klong Plu Sub-District, Khao Kitchakut District, Chantaburi Province at 86 mm.

#### 1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact: Farming areas which would be affected are estimated at 6,157,916 rai; 90,242 rai of fish/shrimp ponds and 6.94 million of livestock (source: Ministry of Agriculture and Cooperatives as of 19 September 2011).

#### 1.3.2 Transportation Routes:

**Highway:** **38** main highways in **10** provinces are flooded and cannot be passed.  
**For more information, contact 1568 or DDPM Hotline 1784.**

**Rural roads:** 86 rural roads in 18 provinces are not passable. **Additional inquiry, call 1146.**

**Railways:** The north-bound stopped at Meuang District, Lopburi Station. For more information, **contact State Railway of Thailand's Hotline 1690.**

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1.3.3 Underground water resources: 27,567 wells and 5,567 enclosed wells were affected.

The Department of Underground Water Resource has been providing more than 2.8 million liters of water in the flood affected areas. The Department provided drinking water in 5 provinces namely; Phitsanuloke Province, Uthai Thani Province, Ang Thong Province, Singburi Province and Ubon Ratchathani Province.

1.3.4 Hospital and Health Facilities: 301 hospitals and health facilities are effected by flood

#### 1.4 Important Assistance Provision

1.4.1 **Department of Disaster Prevention and Mitigation** provided the 10 flat boats for each province namely; Lopburi Province, Chiang Mai Province and Nakhon Nayok, 100 life jackets to Chiang Mai Province, 200 containers (1,000 liters) of drinking water to Chainat Province and 200 containers (500 liters) of drinking water on September 29, 2011.

1.4.2 **The Military** has mobilized resources for the flood affected areas in 11 provinces with over 3,800 soldiers, 241 trucks, 2 water trucks, 86 flat boats. The regional army centers have been assisting in the severe affected areas.

1.4.3 **The Royal Thai Police** dispatched officers from Region 8-9 to assisted affected people to evacuate their properties and increase the security in the affected area. Additionally, RTP also provided the aircraft to evacuate people and distributed relief kits to victims. RTP has performed as the requested by agencies concerned

1.4.4 **Electricity Generating Authority of Thailand (EGAT)** supported 4 engine boats to drain water to Chao Phraya River from 17 September 2 October 2011 during the low rise river at the Electricity Factory, Bang Krauy District, Nonthaburi Province and South Lad Po Canal.

## 2. SITUATION ASSESSMENT/FORECAST

- **The Thai Meteorological Department** expected the heavy rainfall in the Northern provinces namely; Chiang Rai, Chiang Mai, Phitsanuloke and Northeast Provinces namely; Nong Khai and Bueng Kan.
- **Department of Mineral Resources** warned the residents in risk areas for landslide and flashflood at Koh Chang District of Trad Province, Klung District of Chantaburi Province, Yan

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Ta Khao District of Trang Province, Mueng District of Ranong Province, Tung Wa District of Satun Province and Kapong District of Phang Nga Province.

- **Royal Irrigation Department (RID):** Overall, water level in many areas are increasing. Close watch is still required especially in the Northeastern River Basin and lower Chao Phraya Basin. The followings are the water situation overview;

#### River Basins

- **Ping Basin:** Inundation is likely to decrease at Mueng District and Sankampang District in Chiang Mai Province and the water is likely to increase along Ping River in Mueng District of Lamphun Province tonight. While the overflow in the following areas respectively; Doi Sa Ket District, San Sai District, Hang Dong District, Salaphi District, Sanphatong District of Chiang Mai Province, Ban Ti District, Pa Sang District, and Wiang Nong Long District of Lamphun Province and in Chomthong District, Hod District, Doi Tao District of Chiang Mai Province. The inundation at Banpotpisai District of Nakhon Sawan Province is remained the same.
- **Yom Basin:** Inundation remained and likely to decrease in Bang Rakum District of Phitsanulok Province and water level in 3 districts (Sam Ngam, Pho Thale, and Pho Prathap Chang) of Phichit Province is likely to be remained the same level.
- **Nan Basin:** Inundation is likely to remain in Bang Mun Nak, and Meuang District of Phichit province, Chum Sang District of Nakhon Sawan Province.
- **Pasak Basin:** Inundation in Wichian Buri District of Petchabun province is increasing.
- **Prachinburi River Basin:** Inundation in Meuang and Kabinburi District of Prachinburi Province is increasing as well as in Muang District, Nakorn Nayok Province is required to keep update situation.
- **Mun Basin:** Inundation remains and likely to increase in Chok Chai District, Dan Khun Tod District and Non Thai District while the overflow is likely to decrease in Pimai District of Nakhon Ratchasima Province. The overflow is likely to increase in Satuk, and Krasang District of Buriram Province. Similarly, inundation remains and likely to increase in Suvannabhum District of Roi-Et Province; Ta Tum District of Surin Province; and Huay Thap Thun District, Meuang District and Rasisalai District of Srisaket Province. However, decreasing inundation is reported in Meuang, Trakan

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Phutphon, and Detudom Distict of Ubonratchathani province.

- **Chi Basins:** Inundation is increasing in Mahasarakham Province (Kosumphisai District); Khon Kaen Province (Munjakhiri District); Roi-Et province (Jung Han and Thung Khao Luang District); and Kalasin Province (Kamonlasai District). Chaiyaphum Province (Meuang District). Close watch should be made at meuang District of Khon Kaen Province, Meuang District of Mahasarakham Province and Si That District of Udonthani Province where river overflow is expected within 1-2 days.
- **Mae Khong Basin:** the inundation is increased, keep up monitored closely.
- **Sakaekrang Basin:** Inundation remains in Meuang District of Uthaitani Province.
- **Lower Chao Phraya Basin:** Water level is increasing. Inundation remains at lowlands of Uthaitani, Chainat, Singburi, Ang Thong, Suphanburi, Phra Nakhon Si Ayutthaya (Bang Sai Ayutthaya is the confluence of Chao Phraya River), Pathumthani, and Nonthaburi Province.
- **Tha Chine Basin:** Inundation is increasing in Bangplama and Nakhon Chaisi District of Suphanburi Province.

#### Major Dams

- **Bhumibol Dam:** it reached 93 Percent of retention capacity.
- **Sirikit Dam:** it reached 99 Percent of retention capacity.
- **Kwae Noi Dam:** it reached 94 Percent of retention capacity.
- **Pasak Dam:** it reached 135 Percent of retention capacity.

## 2. SITUATION ASSESSMENT/FORECAST (CON'T)

- **Department of Water Resources:** Water level in Mae Khong is lowering in Nong Khai, Nakhon Phanom, and Mukdahan Provinces. This will be the advantage for draining water.
- **Bangkok Metropolitan Administrative (BMA)** On September 29, the highest sea level is expecting at 08.45 a.m , 1.96 m. No flood threat to BMA is reported. Special attention should be made at the eastern side of BMA, the outer flood prevention areas, including Meenburi, Nong Jok, Lad Krabang and Khlong Sam Wa District. In addition, The BMA has been prepared necessary resources for flood prevention and mitigation. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.
- **National Disaster Warning Center (NDWC)** reported that AIS, DTAC, and True is considering

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of providing SMS service for disaster warning for free of charge.

### 3. WARNING AND ADVISORY MESSAGE

- **Thai Meteorological Department (TMD): issued warning Tropical Storm “Nesat” No.6 dated 30 Sept 2011:** At 1000 LST today (Sep, 30)., tropical Storm “Nesat” over the Bay of Tokin was center about 120 kilometers northeast of Hanoi, Vietnam or at latitude 21.0 °N, longitude 107.3 °E, maximum sustained wind about 95 km/hr. It was moving west-northwest about 18 km/hr. It is expected to make landfall over Halong, Vietnam this afternoon and then weakening. This cause more rainfall in the North and the upper Northeast of Thailand during 1-2 days. The rather southwest monsoon prevails over the Andaman Sea, southern Thailand and the Gulf of Thailand. The strong wind-waves in the Andaman Sea and the upper Gulf are expected 2-3 meters high. All ships should proceed with caution and small boats keep ashore during 30 Sep 1 Oct.

### 4. THE 2P2R MEASURES

#### Preventive Measures

- (1) Areas affected by long-term flooding, should designate a visible signal such as flag or markings for any houses that have patients, elders, or handicapped people, so that they can receive extra care. For those who need to transport medicine, medical unit, to the sites by boat, can send the request to EMIT at 1669 or their website.
- (2) Department of Provincial Administration has been given an order to remind the district chiefs to use check list data collection tool to gather information on 2P2R activities undertaken, and report to the province and the central government, for further action.
- (3) According to the TMD’s forecast of high pressure moving over Thailand. This means the beginning of cold season. People are encouraged to keep monitoring the weather forecast.
- (4) Agencies concerned in the landslide risk areas mentioned in issue No. 2 (Situation Assessment/Forecast) should be prepared.

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