

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

DATE: Tuesday, September 27, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Wiboon Saguanpong, Director-General, Department of Disaster Prevention and Mitigation, Ministry of Interior		

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, Yasothorn, Khon Kaen, Amnatcharoen, Chacheongsao, Nakhon Nayok, Prachinburi, and Chaiyaphum. The total of 149 Districts, 1,130 Sub-Districts, 8,680 Villages, 615,497 families and/or 2,014,166 people are affected by the flood. The total fatalities are 166 deaths and 3 missing. (Missing: 1 in Mae Hong Son, 1 in Chainat, and 1 in Uttaradit)
- 1.2 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is at Koh Pong District, Phang-nga Province at 158.5 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:** 30 main highways in 9 provinces are flooded and cannot be passed. For more information, contact 1568 or DDPM Hotline 1784.
- Rural roads:** 82 rural roads in 17 provinces are not passable. Additional inquiry, call 1146.
- Railways:** No report of damaged railways. For more information, contact State Railway of Thailand's Hotline 1690.
- 1.4 **Important Assistance Provision**
- 1.4.1 **Minister of Natural Resource and Environment** visited and provided aids in landslided area in Phang District, Chiang Mai Province.
- 1.4.2 **The Military** has mobilized resources for the flood affected areas in 24 provinces with over 2,500 soldiers, 218 water trucks, 69 flat boats, 1 helicopter, 5,000 sandbags, and 2,000 survival kits. The regional army centers have been assisting in the severe affected areas of Pitsanulok Province, Petchaboon Province, Uthai Thani Province, Pichit Province, Uttaradit Province, Phra Nakorn Sri Ayuthaya Province, Lopburi Province, Angthong Province, and Singburi Province.
- 1.4.3 **The Royal Thai Police** mobilized officers and vehicles; including trucks, flat boats, motor boats, to assist in the affected area. The regional police center has been preparing to help affected people evacuate their properties and increase the security in the affected area.
- 1.4.4 **Ministry of Public Health** provided 3,011 mobile medical units, 943,500 basic medicine kits, 171,000 tennis pedis tubes (for athlete foot), and 160 serum.

2. SITUATION ASSESSMENT/FORECAST

- **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:** No inundation is reported, and the water level in Bunphot Phisai District (a confluence of Ping and Nan rivers before merging into Chao Phraya River) is gradually decreasing.
- **Yom Basin:** Inundation remains 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 increasing.
- **Nan Basin:** Inundation is likely to increase in Bang Mun Nak, and Meuang District of Phichit province, while remaining at the same level in Chum Sang District of Nakhon Sawan Province (a confluence of Nan and Yom Rivers before merging into Chao Phraya River).
- **Pasak Basin:** Inundation in Wichian Buri District of Petchabun province is decreasing while in Saraburi Province is increasing.
- **Prachinburi River Basin:** Inundation in Meuang and Kabinburi District of Prachinburi Province is decreasing.
- **Mun Basin:** Inundation remains and likely to increase in Nakhon Ratchasima Province (Non Thai and Dan Khun Tod District); Buriram Province (Lum Plai Mat, Satuk, and Krasang District); Roi-Et Province (Suvannabhum District); Surin Province (Huay Thap Thun, Meuang, Rasisalai, and Kuntararom District); and Ubonratchathani province (Trakan Phutphon, Detudom, and Meuang District).
- **Chi Basins:** Inundation is likely to decrease in Chaiyaphum Province (Meuang District); Roi-Et province (Jung Han and Thung Khao Luang District); and Yasothorn Province (Meuang and Maha Chanachai District). But inundation is increasing in Mahasarakham Province (Kosumphisai district); Khon Kaen Province (Nam Phong District); and Kalasin province (Kamalasai District). In addition, water level is increasing and flood is expected in 1-2 days in Punjakhiri and Meuang District of Khon Kaen province and meuang district of Mahasarakham Province.
- **Mae Khong Basin:** the inundation is likely to decrease in Ban Muang District of Sakon Nakorn Province and Srisongkram District of Nakhon Phnom province.
- **Sakaekrang Basin:** Inundation is decreasing in Meuang District of Uthaithani Province.
- **Lower Chao Phraya Basin:** Water level is increasing. Inundation remains at lowlands of Uthaithani, 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 District of Suphanburi Province and Nakhonchaisi District of Nakhon Pathom Province.

Major Dams

- **Bhumibol Dam:** it reached 91 Percent of retention capacity.
- **Sirikit Dam:** it reached 99 Percent of retention capacity.
- **Kwae Noi Dam:** it reached 96 Percent of retention capacity.
- **Pasak Dam:** it reached 134 Percent of retention capacity.

Bangkok Metropolitan Administrative (BMA) On September 27, the highest sea level is expecting at 18.48 hr. 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, and Lad Krabang District. The water discharges from Nakhon Nayok Province every day causes the increasing amount of water level in Bangkok. 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>

3. WARNING AND ADVISORY MESSAGE

- **Thai Meteorological Department (TMD):** AT 04.00 LST today, tropical storm "Haitang" has made landfall over Hue, Vietnam and downgrade to tropical depression, was centered at latitude 16.5 degree North, longitude 107.5 degree East or east-side of Mukdahan about 300 km. with sustained wind about 55 km/hr. this storm will be to low pressure cell today and heading to neighboring Laos and northeastern Thailand respectively. Torrential rain is likely much of the lower portion of northeast, the east and the southwest-coast of Thailand. People along foothills, near waterways and in lowland are warned of flash flood. Disaster areas are listed below:

27-29 September: Mukdahan, Yasothorn, Amnat Chareon, Ubon Ratchathani, Nakhon Phanom, Khhon Kaen, Chaiyaphum, Kalasin, Maha Sarakham, eoi Et, Nakhon Ratchasima, Buri Ram, Surin, Si Sa Ket, Rayong, Chantaburi, Trad, Ranong, Phang-nga, Phuket, Krabi, Trang, and Satun

The 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 27-29 September

- **Department of Water Resource** issued an Flash Flood and Landslide Early Warning as follow:
 - Yellow Level (Warning): Bahn Samnak, Muang Kluang Sub-District, Kapor District and Bahn Kajadpai and Bahn Klong Kong, Rachakood Sub-district, Muang District in Ranong Province
 - Green Level (Monitoring): Bahn Mor, Mor Sub-district, Ka-pong District in Phang-nga Province, Bahn Chompu-nue, Chompu Sub-district, Nuern Maprang District in Pitsanulok Province and Bahn Salak-kok, Bahn Salak-etch-nue, Koh Chang Tai Sub-district, Koh Chang District in Trat Province.
- **The National Disaster Warning Center** warned of heavy rain in the upper Northeastern area: Yasothorn, Aumnaj Chareon, Ubonratchathani, Chaiyaphoom, Nakorn Ratchasima, Kalasin, Maha Salakam, Surin, Srisaket, and Burirum
- **Department of Land Resource** alerted the officials and volunteer network to monitor for flashflood and landslide in the area of Suk-sam-ran District, Muang District, Kra-buri District, Ka-por District and La-aun District in Ranong Province and Kuraburi District, Kapong District, and Ta-kua-pha District in Phang-nga Province.

4. THE 2P2R MEASURES

- For the official in the provinces announced in the warning above to monitor the situation closely, issue early warning, and prepare to assist in the situation immediately.
- In the case of the movement of flood water, for the origin province of the flood provide the information and warning to the receiving provinces on the regular basis to be able to provide prevention measure in the designated flood areas.
- As for the request for the assistance in the local areas, to send the requests through the provincial and local government offices to coordinate and provide initial aids before send to the EOC.