

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

DATE: Wednesday, September 28, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: H.E. Mr. Yongyuth Wichaidit, Deputy Prime Minister and Minister of Interior		

1. CURRENT SITUATION

- 1.1 **Current flooded provinces:** there are **21** recent flooded provinces: Sukhothai, Pichit, 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, and Chaiyaphum. The total of **144** Districts, **1,085** Sub-Districts, **8,206** Villages, **579,313** families and/or **1,874,586** people are affected by the flood. **The total fatalities are 173 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 at Dong Chareon District, Pichit Province at 154.5 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:** **37** main highways in 10 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:** 4 north-bound routes were cancelled. **For more information, contact State Railway of Thailand's Hotline 1690.**
- 1.3.3 **Underground water resources:** 25,285 wells and 5,329 enclosed wells were affected. The Department of Underground Water Resource has been providing more than 2.7 million liters of water in the flood affected areas.
- 1.4 **Important Assistance Provision**
- 1.4.1 **The Military** has mobilized resources for the flood affected areas in 25 provinces with over 3,000 soldiers, 213 water trucks, 63 flat boats. The regional army centers have been assisting in the severe affected areas of Chiang Mai Province, Pitsanulok Province, Petchaboon Province, Uthai Thani Province, Pichit Province, Uttaradit Province, Phra Nakorn Sri Ayutthaya Province, Lopburi Province, Angthong Province, and Singburi Province.
- 1.4.2 **The Royal Thai Police** mobilized 716 officers, 103 boats, and 17 vehicles 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.
- 1.4.3 **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:** Inundation is reported at San-sai District, Muang District in Chiang Mai Province and the water is likely to increase along Ping River in Hang-dong District, Salaphi District, Sanphatong District in Chiang Mai, Muang District, Pha Sang, and Viang Nong Long District in Lampoon Province and in Chomthong District, Hod District, Doi Tao District in Chiang Mai.
- **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 increasing as well as in Muang District, Nakorn Nayok Province.
- **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 decreasing in Chok Chai District and Phimai District in Nakhon Ratchasima Province and in 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 reported but not severe, to be monitored closely.
- **Sakaekrang Basin:** Inundation remains at the same level 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.

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 95 Percent of retention capacity.
- **Pasak Dam:** it reached 135 Percent of retention capacity.

Bangkok Metropolitan Administrative (BMA) On September 27, the highest sea level is expecting at 19.00 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):** The tropical depression “Haitang” had down grade to low cell and moved west to northeastern Thailand. Torrential rain and heavy rain with windy is likely much of the northeast, the lower north, the central, the east and the south west-coast of Thailand. People along foothills, near waterways and in lowland are warned of possible flash flood along the following places: Lampang, Lamphun, Phrae, Uttaradit, Tak, Sukhothai, Phichit, Kamphaengphet, Phetchabun, Phitsanulok, Loei, Khon Kaen, Chaiyaphum, Nakhon Ratchasima, Nakhon Sawan, Lop Buri, Chainat, Sing Buri, Saraburi, Rayong, Chanthaburi, Trat, Ranong, Phang-nga, Phuket, Krabi, Trang and Satun.

The strong wind-waves in the Andaman Sea and the upper Gulf are expected 2-4 meters high. All ships should proceed with caution and small boats keep ashore during 28-29 September.

- **Department of Water Resource** issued an Flash Flood and Landslide Early Warning as follow:
 - Yellow Level (Warning): Bahn Salakkok and Salakpetch Nue, Koh Chang Tai Sub-District, Koh Chang District in Trat Province and Bahn Tob Klang, Mae Tob Tai, Mae Tob Nue, Bahn Kard Sub District, Mae Sarieng in Mae Hong Sorn Province.
 - Green Level (Monitoring): Bahn Phong Thong, Theb Sa-dej Sub District, Mae-oon District in Chiang Mai and Bahn Muang Noi, Wiang Nue Sub-District, Pai Province in Mae Hong Sorn 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

- The Prime Minister met with the EOC (chaired by Minister of Public Health) and the 3 governors from Lopburi, Phra Nakorn Sri Ayudthaya, and Ching Mai through video conference; the executives orders are as follow:
 - To monitor and prepare for the incoming Tropical Storm, “Nesad”, on September 29, especially in the east side of the Northeastern Provinces.
 - At the moment the flood water is moving down from Lopburi and will affect Phra Nakorn Sri Ayudthaya and Phatum Thani Provinces; therefore, Lopburi Governor should work closely with the 2 governors of said provinces to prepare for the incoming water in their area.
 - There is inundation in Chiang Mai Province along Ping River which will affect the center of Chiang Mai City around noon today; therefore, the provincial and local officers should be ready and prepare to assist and evacuate the area. Also for Chiang Mai Governor to work closely and provide necessary information to Lamphoon Governor where the flood water is moving toward tonight.
 - For the flood provinces to take high consideration toward students who education was interrupted and those who is unemployed due to the flood as well as underprivileged population (elderly, handicapped, and people with severe chronicle diseases) who were stranded by flood water and need assistance.