

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

DATE: Saturday, September 10, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Chatpong Chatraphuti Deputy Director-General, Department of Disaster Prevention and Mitigation		

1. CURRENT SITUATION
<p>1.1 Current flooded provinces: there are 14 recent flooded provinces: Sukhothai, Phichit, Phitsanulok, Nakhon Sawan, Phra Nakhon Si Ayutthaya, Ang Thong, Chai Nat, Ubon Ratchathani, Sing Buri, Nakhon Pathom,, Suphan Buri, Nonthaburi, Uthai Thani and Chacheongsao. The total of 65 Districts, 483 Sub-Districts, 2,942 Villages, 186,045 families and/or 476,775 people are affected by the flood. The total fatalities are 72 deaths and 1 missing. (Fatalities: 1 in Udon Thani, Sakon Nakhon, Uttaradit, Phetchabun, Suphan Buri; 2 in Tak, Nakhon Phanom, Roi Et, and Phang-Nga; 3 in Chiang Mai; 4 in Prachin Buri, Nakhon Sawan; 5 in Phitsanulok; 7 in Mae Hong Son and Sukhothai; 8 in Phrae; and 21 in Phichit: <u>Missing</u>: 1 in Mae Hong Son due to landslide)</p> <p>1.2 Weather Condition: The active monsoon trough lies over the Central, Northeast and East of Thailand. The strong southwest monsoon prevails over the Andaman Sea, southern Thailand and the Gulf of Thailand. Torrential rain is likely over upper Thailand and isolated heavy to very heavy falls in the Northeast and the East. People in the low land and the riverside in the Central and the East should beware of flooding during the period. (Thai Meteorological Department : TMD)</p> <p>1.3 Amount of Rainfall: The heaviest rainfall in the past 24 hours is at Phubphlachai District, Buriram Province at 126.5 mm.</p> <p>1.4 Estimate Damages:</p> <p>1.4.1 <u>Agricultural impact:</u> farming areas which would be affected are estimated at 3,681,912 rai; 67,618 rai for fisheries and 2.79 million livestock (source: Ministry of Agriculture and Cooperatives).</p> <p>1.4.2 <u>Transportation Routes:</u></p> <p style="margin-left: 40px;">Highway: 6 main highways in 4 provinces are flooded and cannot be passed (Phichit Province: route 1068 Wangjik-Pai Tha Tho at KM.7-10, divert to Rural Road; route 1313 Bang Mun Nak-Taphan Hin at k.m. 11-14, divert to route 1118 Taphan Hin – Bang Mun Nak; Phitsanulok Province: route 1143 Nakhon Thai-Chattrakarn at k.m. 18-19, divert to 2013 Ban Yang-Nakhon Thai and route 1237 Chattrakarn-</p>

1. CURRENT SITUATION (CON'T)

Bo Phak at k.m 49, divert to route Dan Sai-Na Haew; **Petchabun Province:** route 2181 Pak Huay Khon Kean-Lomsak at k.m. 4-6, divert to rural road; **Nan Province:** route 1080 Pua-Chianklang landslide at k.m. 61, divert to rural road) **For more information, contact 1568.**

Rural roads: 29 rural roads in 10 provinces are not passable (1 road in Phitsanulok, Pang-Nga, Ranong, Ubon Ratchathani, and Suphanburi; 2 roads in Nakhon Phanom and Rayong; 3 roads in Chiang Mai, 5 roads in Phichit; and 12 roads in Nakhon Sawan). **Additional inquiry, call 1146.**

1.4.3 Ground Water Ponds/Wells

The total of 8,974 ground water ponds/wells is affected, while the 3,457 closed system pond/wells are damaged by flood. The Department of Groundwater Resources has distributed 2,338,698 liters of drinking water for affected people. (Department of Groundwater Resources)

1.5 Important assistance provision

1.5.1 On 9 September 2011, Deputy Minister of Interior (Mr.Thanit Thienthong) and Director-General of DDPM (Mr. Wiboon Sanguanpong) visited the flashflood and landslide affected areas in Nam Pad of Uttaradit Province. In this occasion, mobile Unit for drinking water, and Mobile Communication unit were dispatched, together with Emergency Response Team (ERT) for search and rescue operation, and other necessary mission.

1.5.2 The Royal Thai Armed Force's Disaster Operation Center has dispatched officers and tools and equipment to assist affected population in Num Phai Sub-district, Nam Pad District of Uttaradit Province.

1.5.3 Air Force Disaster Relief Center has supported air-operating unit to monitor and investigate the flood affected areas of Moon River Basin and Mae Khong River Basin in Ubon ratchathani and Umnat Charoen Province. A cadre of officers, heavy equipment and rescue equipment were also dispatched to assist people in 2 provinces (Ban wang Kum, Bangrakum District of Phitsanulok Province; and Nakhon Sawan Province).

1.5.4 Army Disaster Relief Center has supported a cadre of officers, heavy equipment and rescue equipment were also dispatched to assist people in 9 provinces (Phichit, Uttaradit, Ang Thong, Phra Nakhon Si Ayutthaya, Prachinburi, Chainat, Sing Buri, Suphan Buri, and Pathumthani).

1.5.5 The Royal Thai Police alerted every units and offices at all levels to monitor the situation, and prepare necessary equipment and tools for immediate response.

2. SITUATION ASSESSMENT

- **Thai Meteorological Department (TMD)** During 10-12 Sep, The active monsoon trough lies over the Central, Northeast and East of Thailand. The strong southwest monsoon prevails over the Andaman Sea, southern Thailand and the Gulf of Thailand. Torrential rain is likely over upper Thailand and isolated heavy to very heavy falls in the Northeast and the East such as Tak, Kamphaeng Phet, Phichit, Phetchabun, Chaiyaphum, Nakhon Ratchasima, Kalasin, Maha Sarakham, Yasothon, Roi Et, Surin, Buri Ram, Mukdahan, Amnat Charoen, Si Saket, Ubon Ratchathani, Nakhon Nayok, Prachin Buri, Sa Kaeo, Rayong, Chanthaburi and Trat. People in the risky areas along the foothills should beware of flash flood. While the people in the low land and the riverside in the Central and the East should beware of flooding during the period. The strong wind-wave in the Andaman Sea and the upper Gulf of Thailand is likely 2-3 meters high. All ship should proceed with caution and small boats keep ashore during 2-4 days.
- **Royal Irrigation Department (RID)** has monitored the water situation as the followings;
 - **Ping Basin** : inundation remains in Guang river, while of Muang District of Lumphun province is decreasing.
 - **Yom Basin**: Inundation at riverside area is increasing in Si Samrong District of Sukhothai Province. This causes Muang District to be at risk of river overflow. Inundation is increasing in Bang Rakum District of Phitsanulok Province, and 3 districts (Sam Ngam, Pho Thale, and Pho Prathap Chang) of Phichit Province.
 - **Nan Basin**: Inundation remains at Phichai District, Uttaradit Province. Decreased inundation is reported in 3 provinces; Phitsanulok (Nakhon Thai District), Phichit (Muang and Bang Mun Nak District), and Nakhon Sawan (Chum Sang District).
 - **Pasak Basin**: Inundation in Wichian Buri District of Petchabun province is decreasing.
 - **Prachinburi River**: Inundation in Muang District of Prachinburi Province is increasing. Heavy rainfall is expected at Khao Saming District of Trad Province. Close monitoring is advised.
 - **Lower Chao Phraya Basin**: Water level is increasing. This results in an inundation at riverside areas of Nakhonsawan, Singburi, Ang Thong, and Phra Nakhon Si Ayutthaya Provinces.
 - **Shi Basin**: Inundation is increasing at Meuang and Maha Chana Chai District of Yasothon Province.
 - **Mun Basin**: inundation in Muang District of Ubon Ratchathani Province is increasing.
- **Bangkok Metropolitan Administrative (BMA)**: The highest sea level rise is expected on 10 September 2011, at 19.13 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 Districts. Water level is at crisis point. If more rainfall in this areas, flood is expected.

3. WARNING AND ADVISORY MESSAGE

- Thai Meteorological Department issued weather advisory No. 7 (216/2011) on Heavy to very Heavy rain over Thailand during 10-12 Sep. The strong wind-wave in the Andaman Sea and the upper Gulf of Thailand is likely 2-3 meters high. All ship should proceed with caution and small boats keep ashore during 2-4 days.
- Department of Mineral Resources (DMR) issued warning of flashflood and landslide during 1-3 days in nan, Phrae, Uttaradit, Sukhothai, Phitsanulok, Petchabun and Loei Provinces.

4. THE 2P2R MEASURES

PREPARATION

- Emergency Medical Institute of Thailand (EMIT) calls for cooperation from all officers and staff working at sites to protect themselves by wearing floating vests and rubber boots when on mission.

RESPONSE

- Uttaradit Province has set up the Emergency Coordination Center at three sites, namely 1) Ban Huay Due School, Ban Ton Khanun School, and 3) Huay Khom Temple in Num Phai Sub-district, Num Pad District. The Centers deploy necessary resources to clear the debris for entrance to provide assistance to the victims. So far, disaster compensation budget has been allocated to some of the affected people, as well as over hundreds of survival kits are provided.
- Director-General of DDPM ordered responsible DPM Regional Centers in Kam Phang Phet and Phitsanulok Province to dispatch ERT (Emergency Response Team) to support the search and rescue operation, as well as to provide drinking water, power generator, shelters, and Bearing bridge.
- Ministry of Interior dispatched Telecommunication Mobile Units to support the inter-agency communication at disaster sites. (contact number 02 629 4270-1). DDPM also dispatched radio support mobile unit for radio communication at site.

RECOVERY

- Local Administrative Organizations in 34 affected provinces are urged to assess damage for further compensation provision (5,000 THB per families). DDPM has dispatched officers to visit the affected sites.

PREVENTION

No advice