

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

DATE: Wednesday, September 22, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Chatpong Chatraphuti, Deputy Director General of Department of Disaster Prevention and Mitigation		

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, Mahasarakham, Mahasarakham, Chacheongsao, Nakhon Nayok, Prachinburi, and Chaiyaphum. The total of **144** Districts, **1,075** Sub-Districts, **8,031** Villages, **563,010** families and/or **1,877,106** people are affected by the flood. **The total fatalities are 136 deaths and 2 missing.** (Fatalities: 1 in Udon Thani, Sakon Nakhon, Phetchabun, Trad, Uthaithani, Umnatcharoen and Chaeongsao; 2 in Tak, Nakhon Phanom, Roi Et, Phang-Nga, Lopburi and Phra Nakhon Si Ayuttaya ; 3 in Chonburi, Suphanburi, Sa Kaew and Chaiyaphum ; 4 in Prachin Buri; Singburi ; 6 in Chainat, Chiang Mai and Singburi; 7 in Mae Hong Son, Phitsanulok and Uttaradit; 8 in Phrae; 11 in Nakhon Sawan; 12 in Sukhothai and **31** in **Phichit**: Missing: 1 in Mae Hong Son, and 1 in Uttaradit due to landslide)
- 1.2 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is at Ta Kon Sub District, Mueang District of Si Sa Ket province at 104.0 mm.
- 1.3 **Estimate Losses and Damages:**
- 1.3.1 **Agricultural impact:** Farming areas which would be affected are estimated at 5,110,327 rai; 60,124 rai of fish/shrimp ponds and 4.72 million of livestock (source: Ministry of Agriculture and Cooperatives).
- 1.3.2 **Transportation Routes:**
- Highway:** 27 main highways in 10 provinces are flooded and cannot be passed (**Phichit Province:** Route 111 Sak Lek – Phichit at k.m. 9 -16; Route 1068 Wang Chik – Pai Ta To ; Route 1118 Taphanhin-Bang Mun Nak at k.m. 0-23, Route 1221 Phichit – Phitsanuloke at k.m. 7-8; Route 1313 Bang Mun Nak-Taphan Hin at k.m. 11-14; **Phitsanulok Province:** Route 1275 Tha Chang-Phromphiram at k.m. 2-3; **Phitsanuloke Province:** Route 1275 Tha Chang – Phrom Phiram at k.m. 0-3; **Nakhon Sawan province:** Route 117 Nakhon Sawan – Phichit at k.m. 7-16 Route 122 Nakhon Sawan West By Pass Route at k.m. 0-3; Route 225 Pak Num Pho-Nakhon Sawan at k.m. 1-29; Route 1084 Pa Dang-Bunphot Phisai at k.m. 47-52; Route 3005 Ta Ta Kui – Krok Pra at k.m. 1-2; Route 3319 Krok Phra-Uthathani at k.m. 0-3; Route 3522 Junction to Phra Yuha Kiri at k.m. 2-4; Route 3475 Thabkrit-Phanom Rod at k.m. 0-12; **Phra Nakhon Si Ayutthaya Province :** Route Bang - Ban Pak Hai at k.m. 8-12; **Singburi Province:** Route 11 Inburi – Nakhon Sawan, Bridge Collapsed at k.m 5; Route 311 Singburi – Chainart at k.m. 6-9; Route 3030 Singburi-Bangrachan at k.m. 0-1; Route 3033 Ba Nga – Promburi at k.m. 1-10; **Chainat Province:** Route 1 Chainat Intersection- Ban Kluay at k.m. 290+500; Route 3183 Chinat – Wat Sing at k.m. 25-28; Route 3213 Wat Sing – Nong Ma Mong at k.m. 0-1; Route 3244 Chainat – Ta Had at k.m. 0-2; **Uthai Thani Province:** Route 333 Uthai Thani- Nakhon Sawan at k.m. 1-14; Route 3265 Uthai Thani By Pass Route at k.m. 0-2; Uthai Thani – Manorum Route at k.m. 1-7; **Chaiyaphum Province :** Route 225 Kiew Khao- Wang Krata Hup Po at k.m. 153-155 **For more information, contact 1568 or DDPM Hotline 1784.**

1. CURRENT SITUATION

Rural roads: 76 rural roads in 19 provinces are not passable (1 road in Phitsanulok, Pang-Nga, Ubon Ratchathani, Uthaitхани, Nakhon Si Thammarat, Suphanburi, Rayong, Srisaket, Chiang Mai, Nakhon Ratchasima and Nakhon Phanom; 3 roads in Petchabun, Nakhon Nayok and Chaiyaphum, and; 4 roads in Amnatcharoen, and Chainat and Singburi; 19 roads in Nakhon Sawan; 25 roads in Phichit). **Additional inquiry, call 1146.**

1.3.3 Ground Water Resources

The total of 26,609 ground water ponds/wells are affected, while the 5,389 closed system pond/wells are damaged by flood. The Department of Groundwater Resources has distributed 2,631,846 liters of drinking water for affected people. The water production Trucks are distributed in 5 provinces namely; Phitsanuloke (Bang Rakam District), Uthai Thani (Mueang District), Lop Buri (Ban Mi District), Sing Buri (Inburi District) and Ang Thong Province (Po Thong District). (Department of Groundwater Resources)

1.4 Important Assistance Provision

- 1.4.1 According to the Cabinet Resolution of September 6, 2011 approval of flood compensation budget for 174,383 households (5,000 THB per households), **The Department of Disaster Prevention and Mitigation (DDPM)**, has already collected data of 131,655 households (75.50 percent) and submitted to the Saving Bank for money transfer to the province. The total budget to be provided to the flood affected household is 658,275,000 THB.
- 1.4.2 **The Military** has dispatched officers, tools and equipment for both marine and air operation to assist affected people in flood damaged provinces in lower north, northeastern, central, and southern region. In addition, they have worked with TV Channel 3 organized the relief activities for people affected by landslide in Nam Pad District of Uttaradit Province. In response to flood risk in Chao Phraya Basin, they have collaborated with concerned agencies mobilizing water pump engines to accelerate river water flow during 14-24 September 2011 in 6 critical points along the river, including 1) King Rama 7 Bridge, 2) Kiak kai Bridge, 3) Krung Thon Bridge, 4) Phut Bridge, 5) Lad Pho Canal and 6) mouth of Chao Phraya River.
- 1.4.3 **The Royal Thai Police** has dispatched 401 officers and resources to help people to evacuate their stuffs and distributed survival kits at Ta Ngam Sub District, Inburi District of Singburi Province.. RTP has also been alerted all sections and units to be ready for deploy to help the affected people nationwide. They also established the unified Field Command Post among police sections (Marine Police and Patrol Police) in Phra Nakhon Si Ayutthaya Province, as well as in the risk areas in Chao Phraya River Basin to secure state and private properties.
- 1.4.4 **Emergency Institute of Thailand** reported of the supporting operation from several foundations for 5 boat transferring patients in Chumsang District (1) of Nakhon Sawan Province and Mueang District (4) of Uthai Thani Province. If any agencies require to mobilize their medical products or EMS Team, please call 1669, 24 hours.
- 1.4.5 **The Ministry of Public Health** has dispatched Medical Care Mobile Units to provide medical and mental health care for flood affected people.
- 1.4.6 **The Department of National Public Relations** will interview via phone Deputy Director General of DDPM (Mr.Chatupong Chatraphuti) regarding compensation budget regulation (5,000 Baht/family) on 23 September 2011 at 11.10 a.m . Additionally the NPR broadcasted Live TV programme for flood affected areas during 19-23 September 2011 from 10.00-11.00 hr.

2. SITUATION ASSESSMENT/FORECAST

- **Thai Meteorological Department (TMD):** Be prepared for heavy rain in lower northern, lower northeast, eastern and west southern part of Thailand. The risk prone areas residents should keep update with weather forecast.
- **Royal Irrigation Department (RID):** Overall, water level in many areas are decreasing. However, close watch is still required especially in the 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 decreasing 63 c.m. below river bank.
- **Yom Basin:** Inundation remains and likely to increase in Bang Rakum District of Phitsanulok Province and 3 districts (Sam Ngam, Pho Thale, and Pho Prathap Chang) of Phichit Province.
- **Nan Basin:** Inundation is likely to decrease in Bang Mun Nak, and Meuang District of Phichit province. However, Chum Sang District of Nakhon Sawan Province (a confluence of Nan and Yom Rivers before merging into Chao Phraya River) is slightly decreasing.
- **Pasak Basin:** Inundation in Wichian Buri District of Petchabun province is likely to decrease.
- **Prachinburi River Basin:** Inundation in Meuang and Kabinburi District of Prachinburi Province is increasing.
- **Mun Basin:** Inundation remains and likely to increase in Phimai District of Nakhon Ratchasima while it is decreasing in Non Thai and Dan Khun Tod District of Nakhon Ratchasima Province is decreasing. The inundation in Sri Saket Province (Meuang, Rasisala and Kantararom District); is likely to decrease.
- **Chi Basins:** Inundation is likely to increase in Meuang District of Chaiyaphum Province and Roi-Et province (Jung Han and Thung Khao Luang District). While the inundation in Yasothorn Province (Meuang and Maha Chanachai District) is decreasing
- **Mae Khong Basin:** the inundation is likely to decrease in Meuang District of Udon Thani and Ban Muang District of Sakon Nakorn Province. The inundation in Srisongkram District is increasing.
- **Sakaekrang Basin:** Inundation is likely to decrease 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 89 Percent of retention capacity.
 - **Sirikit Dam:** it reached 97 Percent of retention capacity.
 - **Kwae Noi Dam:** it reached 99 Percent of retention capacity.
 - **Pasak Dam:** it reached 116 Percent of retention capacity.
- **Bangkok Metropolitan Administrative (BMA)** The highest water level in the river was 8.00 hr at 1.28 m. On September 22, the highest sea level is expecting at 19.24 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 issued Warning Message of “Heavy Rainfall over Thailand” No.10 on September 21, 2011 at 05.30 a.m.:** The monsoon trough lies across the lower North, the upper Central and the Northeast of Thailand and the moderated southwest monsoon prevails over the Andaman Sea, southern Thailand and the Gulf of Thailand. These cause abundant rain and isolated heavy rainfalls likely over the lower North, the Central, the Northeast and the East during 21-23 September. People in lowlands along foothills and near waterways are warned of possible flash flood. This area includes Phetchabun, Lop Buri, Saraburi, Loei, Nong Bua Lam Phu, Chaiyaphum, Nakhon Ratchasima, Buri Ram, Surin, Si Saket, Ubon Ratchathani, Nakhon Nayok, Prachin Buri, Chanthaburi and Trat. The wind-waves in the Andaman Sea and the upper Gulf are expected 2 meters highs. All ships should proceed with caution.
- **Department of Mineral Resources (DMR) issued Warning No. 24/2554 of Flashflood and Landslide** in Ubon Ratchathani (Na Chaluai, Nam Khun and Buntharik Districts) and Si Sa Ket Province (Phu Sing and Khun Han District) due to the amount of rainfall exceeded 200 m.m.. The DMR warning volunteer networking should regularly monitor, measure and warn people regarding the flashflood and landslide.
- **Department of Water Resources issued Warning of flashflood and landslide** on September 22, 2011 at 05.45 at Ban Kham San Suk, Huay Kha Sub District, Bundarik District of Ubon Ratchathani Province.

4. THE 2P2R MEASURESResponse

- From the resolution of the meeting dated 21 September, 2011, the Prime Minister ordered various ministries, departments and agencies concerned to integrated operational system and apply GIS information from GISDA and Provincial Electricity Authority to assess damages for farmers and families' compensation.
- The National Public Relations received suggestion from viewers to the government to provide life jackets to vulnerable people such as elder and young people in risk prone areas. They suggest the Vocational Colleges as the in charge organization.
- According to too many leeches in the flood affected areas, the provincial offices are requested to try the safety method to get rid of them.

Recovery

- For additional flood victims, DDPM Provincial Offices should inform the concerned agencies to survey and report to the central government.