

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

DATE: Wednesday, November 2, 2011	TIME: 09.00	LOCATION: Disaster Relief Operation Center at Energy Complex
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CHAIRPERSON: Mr. Pranai Suwannarat, Permanent Secretary for Interior

1. CURRENT SITUATION

1.1 **Current flooded provinces:** there are 26 recent flooded provinces: **North**; (Phichit, Phitsanulok, Nakhon Sawan, and Uthai Thani); **Central** (Chai Nat, Sing Buri, Ang Thong, Phra Nakhon Si Ayutthaya, Lopburi, Saraburi, Suphan Buri, Nakhon Pathom, Pathumthani, Nonthaburi, Samutsakhon and Bangkok) **Northeast** ; (Ubon Ratchathani, Khon Kaen, Srisaket, Roi-et, Surin, Mahasarakham and Kalasin); **Eastern** (Chacheongsao, Nakhon Nayok and Prachinburi) The total of 147 Districts, 1,133 Sub-Districts, 8,327 Villages, 720,145 families and/or 2,125,175,152 people are affected by the flood. The total fatalities are 427 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 in Chumpol Sub-District, Si Nakin District, Phutthalung Province at 37.5 mm.

1.3 Estimate Losses and Damages:

1.3.1 Agricultural impact : Farming areas which would be affected are estimated at 10,986,252 rai; 194,012 rai of fish/shrimp ponds and over 13.28 million livestock (source: Ministry of Agriculture and Cooperatives).

1.3.2 Transportation Routes :

Highway: 70 main highways in 13 provinces are flooded and cannot be passed. **For more information, contact 1568 or DDPM Hotline 1784.**

Rural roads: 223 rural roads in 30 provinces are not passable. **Additional inquiry, call 1146.**

Expressway Authority of Thailand

The EXAT extended expressway fare exemption for 3 routes, namely 1) Kanchanaphisek Express Way (Bang Phli-Suksawas) 2) Buraphawithi Express Way and 3) Chalongraj Express Way, starting from 00.01 a.m. of 23 October 2011 until 24.00 p.m. 14 November 2011. Toll way also exempts fare since 27 October 2011 at 06.00 a.m. to 5 November 2011 at 12.00 p.m. Two expressways namely; Sirsaman – Bang Poon and Bang Poon – Bang Pa In are closed. **For more information, contact EXAT Call Center 1543 24 hrs.**

The Railway Authority of Thailand

The North bound routes that are affected by flood are (1) Bangkok (Rangsit-Don Mueang-Lak Si, Bang Sue-Bang Bumru, Taling Chun-Sala Thamsop); (2) Pathumthani province (Rangsit-Chiang Rak-Chiang Rak Noi); (3) Ayutthaya Province (Ban Pho-Ayutthaya-Ban Ma); (4) Suphanburi (Nong Pla Duk-Suphanburi); and (5) Nakhon Pathom Province (Salaya-Wat Suwan-Ngiwrai). Therefore, **the North bound route**

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operates only short distance from Bangkok-Ayutthaya, and long distance from Bangkok-Makkasan-Chachoengsao-Khlong Sip Kao-Kang Khoi-Ban Phashi Junction-Chiang Mai. **The Northeast Routes** operates from Bangkok-Makkasan-Chacheongsao-Khlong Sip Kao-Kang Khoi-Ubonratchathani-Nong Khai. **South bound** does not operate from Bangkok. Passengers have to travel by car to Nakhon Pathom and take the regular routes.

Bangkok Mass Transit Authority

Provides shuttle bus for free of charge for people in the flood affected areas, including 1) Victory Monument-Petroleum Authority of Thailand-Kasetsat University; 2) Fashion Island Shopping Complex-shelter at Institute Physical Education, Chonburi Campus; 3) Bang Khen-Watcharaphon-Wongsakorn Market and 5) Victory Monument-Chatuchak BTS Station-The Government Complex Commemorating H.M. The King's 80th Birthday Anniversary.

The Transport Co.Ltd.

North (In-Out Bound) route starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way and exit at Rama IX Bridge – Mahachai District – Ban Paew District of Samutsakorn Province – Kam Phang San district of Nakhon Pathom Province – U-Thong District, Suphan Buri Province – Suphan Buri Province – Sripachan District, Suphan Buri Province – Samchuk District, Suphan Buri Province – Bang Rachan District, Singburi Province – Singburi Province – Nakhon Sawan Province – Kampangetch Province – Tak Province – Lampang Province – Chiang Mai Province and take regular roads.

Northeast Route (In-Out bound) starts from Bangkok Bus Terminal (Chatuchak) – Sri Ratch Express Way – Motor ways pass Suvarnabhumi Airport – Bang Nam Prieu District, Chacheongsao Province – take highway route 304 - Panomsarakham District, Chacheongsao Province – take highway route 319 – Ban Na District – Wihan Dang, Saraburi Province – Huay Kamin – take highway route 1 – Saraburi Province and take the regular roads.

Southern Routes – Southern Bus Terminal has moved to to Holland Beer Garden on Rama 2 road.

For more information, contact 24 hr. Hotline 1490.

1.4 Important Assistance Provision

- 1.4.1 **The Military** mobilized a wide range of resources to the flood affected areas, including immediate relief provision; search and rescue operation, medical care service provision; preparation of sandbags; propelling of water into the sea especially in the Bangkok and nearby areas such as Chacheongsao, Uthaithani, Lopburi, Srisaket, Nonthaburi, Pathumthani, Samut Sakhon, Samut Prakarn, Phra Nakhon Si Ayutthaya, Ang Thong Province, Singburi, Lopburi and Bangkok; preparation of aircrafts and vehicles for relief items and evacuees transportation,

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and public notification; and excavation of all rivers and canals to accelerate the water drainage. The Military also constructed levy sandbags and secure the levies at many critical areas such as Water Supply Canal, Khlong Hok Wat. In addition, they supported boats to push out water at several important canals and river such as Thaweewattana Canal, Phasi Charoen Canal, and Tha Chine River.

1.4.2 Ministry of Interior

Department of Disaster Prevention and Mitigation assigned Deputy Director General (Mr. Prateep Kiratirheka) to run the joint mission for sand bags production by mobilizing manpower from DDPM Emergency Response Team (ERT) together with DDPM officials and Territorial Defence volunteers to safeguard the area at all time. So far 318,000 sandbags can be produced, and expecting to produce 800,000s sandbags by 2 November. DDPM also supported many tools and equipment for flood prevention production. **For more information contact 1784.**

The Department of Provincial Administration received 14,936 petitions from 17 provinces and 14,467 of which have already been solved since 9 October to 1 November 2011. They also dispatched a cadre of the Territorial Defence Volunteers from the non-flood affected province to help flood victims in 5 provinces and in FROC activities.

1.4.3 Ministry of Natural Resources and Environment

Department of Ground Water Resources supported altogether 5.67 million litres of clean water for the flood victims and water distributors at 43 sites of 9 flood affected provinces. Affected people have to bring water containers and can check the location of water distributors at 0-2299-3900 or www.drg.go.th/flood

Department of Mineral Resources: dispatched vigilant team to inspect 37 disaster risk areas, including 12 sites for landslide, 11 soil creeps, 3 areas for cracks, 3 areas for river bank erosion, 1 area for sink hole, and 6 areas for flashflood. Another vigilant team was dispatched to provide assistance in Chacheongsao province such as cranes for car evacuation, transportation for evacuation, and inspection of water level at different points of the province.

2. SITUATION ASSESSMENT/FORECAST

2.1 Thai Meteorological Department (TMD): During 2-5 November 2011, the ridge of high pressure from China covers the upper of Thailand. Cool with mist in the morning is likely over the North and the Northeast of Thailand. During 6-7 November 2011, the eastern wind prevails over the Gulf of Thailand. Increased rainfall are expected in the lower portion of northeast, eastern, central, and southern part of Thailand.

2.2 Royal Irrigation Department (RID):

- **The North Basins (Yom basin):** There is still river runoff in many areas of Yom Basin, the inundation is decreasing in Bang Rakum District of Phitsanuloke Province and Po Pratap Chang, Sam Ngam, Po Talay District of Phichit Province.

2. SITUATION ASSESSMENT/FORECAST (CON'T)

- The Northeastern Basins (Mun and Chi basin): Inundation is reported in many areas, and likely to decrease.
- The Central Basins (Thachine and Chao Phraya basin): Inundation remains in some areas of Suphanburi and Nakhonpathom Province, but likely to decrease. Moreover, inundation are reported at Mueang District of Nakhon Sawan Province, Chainat Province at 0.57 m., Singburi province over 1.13 m. and Phra Nakhon Si Ayutthaya Province at 0.73 m.
- Rangsit Canal (Khlomg Rangsit) Water level at Chulalongkorn Water Gate is 3.91 meters (sandbag wall's height over 4.30 meters). Water level in Rangsit Canal is 3.64 m.
- The capacity of Major Dams:
 - Bhumibol Dam: it reached 99.5 Percent of retention capacity. 34 million cubic meters received, 30 million cubic meters discharged. The additional retention is 65 million cubic meters.
 - Sirikit Dam: it reached 99.8 Percent of retention capacity. 19 million cubic meters received, 18 million cubic meters discharged. The additional retention is 16 million cubic meters.
 - Kwaee Noi Dam: it reached 100 Percent of retention capacity. 2 million cubic meters received, 1.7 million cubic meters discharged.
 - Pasak Dam: it reached 129 Percent of retention capacity. 4 million cubic meters received, 3 million cubic meters discharged.
 - Ubonrat Dam (Khon Kaen Province): it reaches 112 Percent of retention capacity. 10 million cubic meters received, 20 million cubic meters discharged.
 - Lampao Dam (Kalasin Province): it reaches 99 Percent of retention capacity. 4 million cubic meters received, 3 million cubic meters discharged.

2.3 Bangkok Metropolitan Administrative (BMA) On 1 November, the highest water level in Chao Phraya River at Pak Khlomg Talad Station was 2.43 meters at 11.00 a.m.

- Areas flooded in eastern side of Bangkok are Don Mueang, Lak Si, Bang Khane, Sai Mai, Chatuchak, Meenburi, Khlomg Samwa, Nong Jok and Lad Krabang District. Western parts of Bangkok that are flooded are Bang Plad, Taweewatana, Taling Chan, Bang Kae and Pasi Chareon District.
- At riverside areas, river overflow can be expected during sea level rise. However, BMA can manage the overflow and its drainage.
- BMA designated temporary shelters in many areas. For more information, contact 0-2248-5115 or BMA Hotline 1555, or <http://dds.bangkok.go.th>.

2.4 Hydrographic Department of the Royal Thai Navy: On 2 Nov 2011, sea level rises twice at 1.22 p.m. at 2.40 m. and 9.15 p.m. at 2.28 m.