

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

DATE: Tuesday, August 30, 2011	TIME: 09.00	LOCATION: Meeting Room 2, Ministry of Interior
CHAIRPERSON: Mr. Wiboon Sanguanpong Director General of Department of Disaster Prevention and Mitigation		

1. SITUATION OVERVIEW

1.1 Since 25 July 2011, the impact of Tropical Storm “Nock-Ten” and heavy monsoon have triggered heavy rainfall and flooding over upper northeastern part down to central part of Thailand. Now **36** Provinces **281** Districts **1,875** Sub-Districts **15,442** villages are under disaster declaration. The total of **1,130,281** families and **3,871,098** people are affected by flooding situation.

1.2 **The total fatalities are 54 deaths and 1 missing.** (Fatalities: 1 in Udonthani, Sakonnakorn, Uttaradit, Petchaboon and Nakornsawan; 2 in Tak, Nakorn Phanom, Roi-et and Phang Nga; 3 in Chiang Mai,; 4 in Prachinburi; 5 in Pitsanulok; 6 in Sukothai; 7 in Mae Hong Son; and 8 in Prae and , Pichit; Missing: 1 in Mae Hong Son)

2. CURRENT SITUATION

2.1 There are **11 recent flooded provinces**: Sukothai, Pichit, Pitsanulok, Nakorn Sawan, Pra Nakhon Si Ayutthaya, Ang Thong, Chainart, Ubon Ratchathani, Ranong, Suratthani, and Phang Nga The total of **52** Districts, **363** Sub-Districts, **2,132** Villages, **109,281** families and/or **334,895** people are affected by the flood.

2.2 **Weather Condition:** The moderate monsoon trough remains across lower north, central, and the northeast of Thailand. An active southwest monsoon prevails over the Andaman Sea, southern Thailand and the Gulf. Abundant rain and isolated heavy to falls is likely over the country. People in the risky areas are warned of flooding during this period. These areas include of Mae Hong Son, Chiang Mai, Lampang, Phrae, Nan, Sukhothai, Loei, Udon Thani and Nong Kai Province. Strong wind-wave is likely in the Andaman Sea and the upper Gulf with 2-3 meters high. All ship should proceed with caution and small boats keep ashore during 1-2 days. (Thai Meteorological Department : TMD)

2.3 **Amount of Rainfall:** The heaviest rainfall in the past 24 hours is at Bor Ploy Sub-district, Bor Rai District of Trad Province at 202.5 mm.

2. CURRENT SITUATION (CONT'D)

2.4 Estimate Damages:

2.4.1 Agricultural impact: farming areas which would be affected are estimated at 1,326,402 acres, 18,160 acres for fisheries and 2.04 million livestock.

2.4.2 Transportation routes:

Highway: 3 main highways in 2 provinces are flooded and cannot be passed (**Sukothai Province: route 1195** Sawankalok-Sukothai at KM.19 - 32, divert to route 101; **route 1293** Sukothai- Pitsanulok at KM.8-11, there was 35 centimeter flood, divert to route 1311 Kirimas-Nongbua; **Nan Province: route 1339** Paknai-Nameun at k.m.19-20, no divert route.

Rural roads: 19 rural roads in 7 provinces are not passable (1 road in Phitsanuloke and Ranong; 2 roads in Nakorn Panom and Rayong; 3 roads in Chiang Mai, 4 roads in Phichit; 6 roads in Nakorn Sawan). **Additional inquiry, please call 1146.**

Railway: Northern line to Chiang Mai is normally operated. **For more information, please call the Hot Line 1690 and www.railway.go.th.**

2.4.3 Health care facilities

Fifty (50) health facilities are affected by flood. One hospital (Patong Hospital) is most affected and can providing services at some extent (OPD and Emergency Unit). The severe patients have been transferred to Vajira Phuket Hospital and Katu Hospital. It will resume to normal operation at the end of this week. (Ministry of Public Health)

2.4.4 Ground Water Ponds/Wells

The total of 7,818 ground water ponds/wells are affected, while the 2,221 closed system pond/wells are damaged by flood. The Department of Ground Water has distributed 2,289,603 liters of drinking water for affected people. (Department of Groundwater Resources)

2. CURRENT SITUATION (CONT'D)

2.5 Important assistance provision

Ministry of Public has dispatched 253 Mobile Medical Service Team, 66,581 accumulated patients, including medical supplies especially distribution of boots, hand cleaner gel and masks to people in affected areas.

3. SITUATION ASSESSMENT

- **Yom Basin:** an inundation is decreasing in Srisamrong District of Sukhothai Province. Still inundation is reported at Bangragum District of Phitsanuloke province at 3 meter high and Potalay and Popratapchang District of Phichit Province is increasing.
- **Nan Basin:** Inundation at Muang District of Pitsanulok Proivince is decreasing while Chumsang District of Nakhonsawan province is increaseing.
- **Pasak Basin:** the inundation at Wichienburi District, Petchabun Province and increasing.
- **Lower Chao Phraya Basin:** Overflow is reported at Bang Ban District of Phra Nakorn Si Ayuttaya Province. Presently, water discharging rate is 1,931 cubic meters/second. If it reaches 2,000 cubic meter/second it will be affected to Muang, Inburi, Prombur District of Sinburi Province and Chaiyo Ang District of Ang Thong Province.
- **Shi Basin:** Inundation is decreasing at Muang and Mahachanachai District of Yasotorn Province.
- **Mae Kong Basin:** Inundated water is a little bit increasing Nongkai and Bungkan Province by additional discharging to Mae Kong River. After that the inundation will decrease.

4. WARNING AND ADVISORY MESSAGE

The expected highest discharging rate is about 2,500 – 2,600 cubic meter/second, RID will control the water flow to Chao Phraya Dam not exceeding to 2,000 – 2,100 cubic meter/second. Therefore, it will affected to both sides of lower plain Chao Phraya Dam in Chainart, Singburi, Ang Thong and Pra Nakorn Si Ayutthaya Province.

- The overflow will reach 50 centimeter high for only short period, except from Bang Sai District of Pra Nakorn Si Ayutthaya Province areas, they will face additional 5 centimeter inundation. The residents in the above mentioned areas have to construct sand bags, prepare to move valuable things to higher ground and closely monitor flood situation. (The Royal Irrigation Department (RID) warning message No 7/ 2011 as of Aug 29, 2011 for the next 5 days)

5. THE 2P2R MEASURES

PREPARATION

- Ministry of Public Heath has to prepared medical supplies, materials and chemical products for water treatment to distribute to the Health Care Centers and the Office of Disease Prevention and Control whenever requested by the Provincial Offices.

- Assign EOC staffs to monitor and verify the warning message implementation and report the outcome to EOC.

RESPONSE

- In case of any provinces need to support drinking water, they can request from Emergency Operation Center for further collaboration with concerned agencies.
- Phang Nga Province requested two (2) Barring Bridges from EOC, 1 bridge is already constructed by Rural Road Department. The other bridge will be supported by military.
- Emergency Institute of Thailand (EMIT) advised EMS networking to be ready for giving assistance to affected victims

RECOVERY

- According to the Cabinet Resolution of 25 August 2011 on agricultural assistance, Ministry of Agriculture and Cooperatives called for a meeting of Agricultural Officers at provincial office on 29 August 2011 to exercise the victim assistance procedures. Therefore, the provincial office will compensate according Ministry of Finance Regulation (606 Baht). In this regard, they will receive additional compensation budget as the pilot areas so all affected provinces must expedite such assistance.

PREVENTION

- Concerned agencies should be concerned for flood related diseases and epidemic such as leptospirosis and foot and mouth disease. Public health education on do's and don'ts for personal hygiene such as wearing boots when going out at the flooded areas should also be promoted widely.