

Urgent Issued Report!!!

September 25, 2013

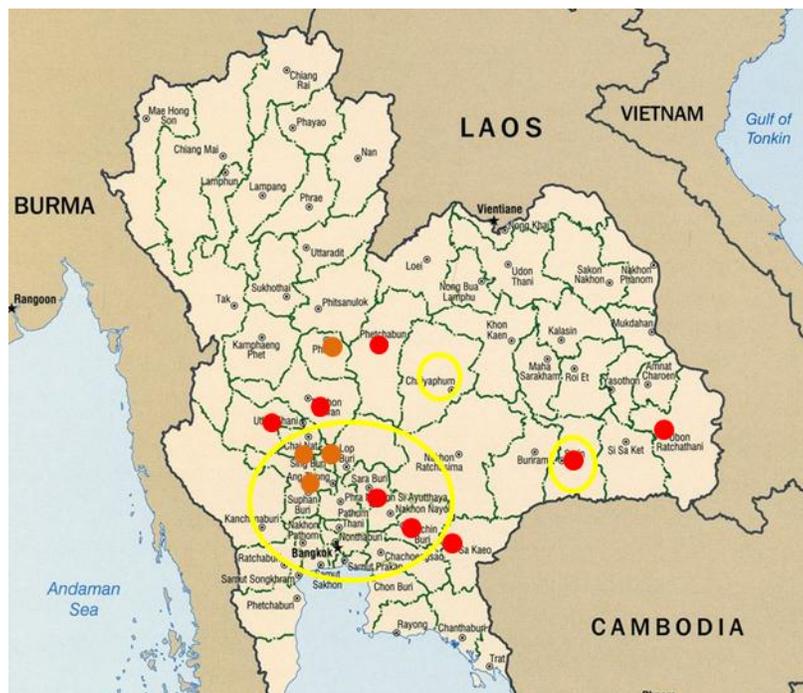
Flood Situation in Thailand on September 25, 2013

Analysis:

The flood is found in several areas, especially in downstream area of Chaopraya dam (Ayutthaya and Prachinburi). Also, heavy rain is expected within the next 7 days in north and east of Thailand. Thus, it is likely that flood situation worsen in the downstream area of Chaopraya dam.

Thus, it is recommended that people and factories in the downstream area of Chaopraya dam should monitor both riverine flood (due to increasing water level in major/canal) and inland (due to heavy rain in the area and insufficient drainage) very closely. Measure to prevent or mitigate loss should be taken or prepared, especially in the low ground level area and area near river/canal.

As figure, orange point is where water is at critical level in the major river or canal on September 24, 2013. Red point is where flooded or overflow river was report on September 24, 2013. The yellow circle is the area where flood is highly possible within the next 7 days due to the monsoon.



Current Situation:

- Flood is currently reported in the limited areas in the north (Pachabun: 1 m), northeast (Ubonratchathani, and Surin), central (Ayutthaya: 0.6-1.5 m, Nakornsawan: 0.4-0.5, and Nakornnayok: 0.2 m), East (Prachinburi: 0.3-0.5 m, Sakeaw) as the dam must release its water and the heavy rain.
- Upstream of Chaopraya river dam: The major river in Uthaitхани is overflowed and at critical level in Pichit
- Downstream of Chaopraya river dam: The major river in Ayutthaya is overflowed and in Angtong, Singburi, and Chainath is at critical level.
- Ayutthaya: As high rainfall was found at the lower part of northern area and upper part of central area, water level inside Chaopraya dam increases (more than 1,200 m³/sec). this results water in Phopang canel and Noi river to over flow into flat area in Sena district, and Bangbon district. Flood is 0.6-1.5 m high.
- Prachinburi: 0.5 m high flood was found in Kabinburi district and 0.3-0.5 m high flood was found in Mahapho district. At the moment, 5 districts, 37 sub districts, 197 villages, 15 roads, 12 temple, and 12 schools are flooded. The situation tends to return to normal on 27-28 September 2013, if no rain in the upstream area.
- Status of major dams as of September 24, 2013.

Area	Water in major dam (%)	Remaining capacity (million m ³)
Thailand in average	67	25,937
North	49	12,499
Northeast	62	3,147
Central (major dame)	73	322
East	69	361
South	70	2,467

Issued warning as of September 25, 2013

- Royal Irrigation Department :
 - Caution for overflow of Chaopraya river
- Thaiflood:
 - Caution for flash flood in Surin
 - People in Chaiyaphum near the Chi river should move their belongings to high ground.
 - Caution for overflow in river area in Angtong
 - People in Supanburi near Thachin river should move their belongs to high ground, and closely continue monitoring the situation
- Thai Meteorological Department
 - September 25-27, 2013, monsoon is expected in the north, northeast, and gulf of Thailand. Thus, the heavy rain is forecasted in Meahongsong, Changmai, Changrai, Lumpang, Lumpun, Payao, Nan, Phrae , Tak, Pisanulok, Pichit, Petchabun, Loey, Chaiyaphum, Nongkhai, Nongbualumphu, Udonthani, Sakonnakorn, Nakornpanum, Nakornnayok, Prachinburi, Chanthaburi, and Trad.
 - September 28-29, 2013, monsoon will move from the northern area to central area and lower part of northeastern area. This heavy rain is predicted in Khanchanaburi, Uthaithani, Nakornsawan, Lopburi, Saraburi, Nakornratchasrima, Burirum, Surin, Srisagate, Amnadjarean, and Ubonratchathani.
 - September 30 – October 1, 2013, monsoon will approach Vietnam, causing heavy rain in northeast of Thailand.

References:

- National Disaster Warning Center. 2013. Disaster report on September 25, 2013. September 25, 2013. http://www.ndwc.go.th/web/index.php?option=com_content&view=article&id=5001:--25-56&catid=108:2013-08-01-08-32-22&Itemid=276 (accessed September 25, 2013)
- Thailand Flood Monitoring System. 2013. Flood risk information. September 24, 2013. <http://flood.gistda.or.th/> (accessed September 25, 013)
- Thaiflood. 2013. Warning. September 25, 2013. <http://www.thaiflood.com/running/> (accessed September 25, 2013)
- Thai Meteorological Department. 2013. Warning: heavy rain in Thailand. September 25, 2013. <http://www.tmd.go.th/index.php> (accessed September 25, 2013)
- Royal Irrigation Department. 2013. Daily water situation report. September 24, 2013. <http://water.rid.go.th/flood/flood/daily.pdf> (accessed September 25, 2013)