



Mekong River Commission

Regional Flood Management and Mitigation Centre

Weekly Dry Season Situation Report for the Mekong River Basin

Prepared at: 13/04/2015, covering the week from the 06th to 13th April 2015.

Weather Patterns, General Behaviour of the Mekong River and Dry Season Situation

General weather patterns:

No critical weather during last week

General behaviour of the Mekong River:

Compared to the long term average (LTA) the water levels from Chiang Saen to Prek Kdam fluctuated above the LTA; from Tan Chau and Chau Doc fluctuated below the LTA.

For stations from Chiang Saen and Luang Prabang

Compared to long term average (LTA), during last week the water levels at these stations were increased above the LTA.

For stations from Chiang Khan, Vientiane and Nong Khai and Paksane

Compared to long term average (LTA), during last week the water levels at these stations were increased above the LTA.

For stations from Nakhon Phanom to Pakse

Compared to long term average (LTA), during last week the water levels at these stations were increased above the LTA.

For stations from Stung Treng to Kompong Cham

Compared to long term average (LTA), during last week the water levels at these stations were increased above the LTA.

For stations from Phnom Penh to Prek Kdam

Compared to long term average (LTA), during last week the water levels at these stations were increased above the LTA.

Tan Chau and Chau Doc

Compared to long term average (LTA), during last week the water levels at these stations were fluctuating below the LTA.

Dry season situation

During last week, the water levels were about stable above the LTA from Chiang Saen to Kompong Cham. The rest were increased above the LTA except Tan Chau and Chau Doc fluctuated below the LTA. Some rainfalls happened in upper and lower parts of LMB, the accumulated rainfalls during last week were at Chiang Saen(88 mm.), Luang Prabang(60.6 mm.), Chiang Khan(25.5 mm.), Nongkhai(31.7 mm.), Paksane(14.8 mm.), Mukdahan(12.7 mm.), Savannakhet(1.6 mm.), Kompong Cham(89.2 mm.), Phnom Penh (Bassac)(19.8 mm.), Koh Khel(31 mm.), Neak Luong(44.2 mm.), Prek Kdam(20.4 mm.), Tan Chau(3.4 mm.) and Chau Doc(4 mm.) respectively, (see Table A2).

For more details see the following annexes:

- Tables for observed water levels and rainfall for the last week in Annex A
- The water levels graphs showing the observed water levels for the season in Annex B

Annex A: Graphs and Tables

Table A1: observed water levels

Unit: m

| 2015 | Jinghong | Chiang Saen | Luang Prabang | Chiang Khan | Vientiane | Nongkhai | Paksane | Nakhon Phanom | Thakhek | Mukdahan | Savannakhet | Khong Chiam | Pakse | Stung Treng | Kratie | Kompong Cham | Phnom Penh (Bassac) | Phnom Penh Port | Koh Kheh | Neak Luong | Prek Kdam | Tan Chau | Chau Doc |
|-------|----------|-------------|---------------|-------------|-----------|----------|---------|---------------|---------|----------|-------------|-------------|-------|-------------|--------|--------------|---------------------|-----------------|----------|------------|-----------|----------|----------|
| 06/04 | - | 3.64 | 6.10 | 5.72 | 2.10 | 2.74 | 4.20 | 2.36 | 3.64 | 2.63 | 1.35 | 2.88 | 1.95 | 2.92 | 7.86 | 3.32 | 2.06 | 1.92 | 2.03 | 1.18 | 1.14 | 0.41 | 0.56 |
| 07/04 | - | 3.24 | 6.09 | 6.00 | 2.25 | 2.88 | 4.10 | 2.26 | 3.50 | 2.54 | 1.38 | 2.94 | 1.98 | 2.92 | 7.88 | 3.36 | 2.05 | 1.93 | 2.04 | 1.22 | 1.17 | 0.18 | 0.17 |
| 08/04 | - | 3.40 | 6.00 | 6.17 | 2.55 | 3.11 | 4.13 | 2.14 | 3.40 | 2.46 | 1.30 | 2.87 | 1.90 | 2.93 | 7.88 | 3.38 | 2.06 | 1.98 | 2.06 | 1.34 | 1.14 | 0.00 | 0.02 |
| 09/04 | - | 3.26 | 5.72 | 6.22 | 2.60 | 3.30 | 4.35 | 2.04 | 3.36 | 2.40 | 1.25 | 2.79 | 1.84 | 2.91 | 7.91 | 3.41 | 2.19 | 2.14 | 2.18 | 1.40 | 1.28 | 0.02 | -0.01 |
| 10/04 | - | 3.23 | 5.69 | 6.18 | 2.68 | 3.41 | 4.50 | 2.06 | 3.42 | 2.39 | 1.22 | 2.74 | 1.79 | 2.89 | 7.89 | 3.42 | 2.25 | 2.32 | 2.24 | 1.48 | 1.38 | 0.06 | 0.05 |
| 11/04 | - | 3.60 | 5.76 | 6.07 | 2.70 | 3.48 | 4.66 | 2.28 | 3.52 | 2.42 | 1.20 | 2.69 | 1.74 | 2.86 | 7.85 | 3.40 | 2.28 | 2.30 | 2.25 | 1.46 | 1.37 | 0.12 | 0.12 |
| 12/04 | - | 3.63 | 5.90 | 5.89 | 2.65 | 3.38 | 4.72 | 2.40 | 3.65 | 2.54 | 1.18 | 2.70 | 1.72 | 2.85 | 7.81 | 3.39 | 2.25 | 2.34 | 2.25 | 1.48 | 1.36 | 0.21 | 0.23 |
| 13/04 | - | 3.43 | 6.28 | 5.91 | 2.48 | 3.26 | 4.71 | 2.50 | 3.72 | 2.62 | 1.18 | 2.75 | 1.77 | 2.83 | 7.78 | 3.35 | 2.28 | 2.35 | 2.08 | 1.52 | 1.29 | 0.29 | 0.30 |

Table A2: observed rainfall.

Unit: mm

| 2015 | Jinghong | Chiang Saen | Luang Prabang | Chiang Khan | Vientiane | Nongkhai | Paksane | Nakhon Phanom | Thakhek | Mukdahan | Savannakhet | Khong Chiam | Pakse | Stung Treng | Kratie | Kompong Cham | Phnom Penh (Bassac) | Phnom Penh Port | Koh Kheh | Neak Luong | Prek Kdam | Tan Chau | Chau Doc |
|-------|----------|-------------|---------------|-------------|-----------|----------|---------|---------------|---------|----------|-------------|-------------|-------|-------------|--------|--------------|---------------------|-----------------|----------|------------|-----------|----------|----------|
| 06/04 | - | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | nr | - | nr | nr | nr | nr | - |
| 07/04 | - | 0.00 | nr | 0.00 | nr | 0.00 | - | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | 13.80 | - | nr | nr | nr | nr | - |
| 08/04 | - | 0.00 | nr | 1.50 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | nr | - | nr | nr | nr | nr | - |
| 09/04 | - | 15.20 | 16.80 | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | nr | - | nr | nr | nr | nr | - |
| 10/04 | - | 0.00 | 37.40 | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | 76.80 | 5.20 | - | nr | nr | nr | - |
| 11/04 | - | 14.40 | nr | 21.30 | nr | 31.70 | 14.80 | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | 12.40 | - | nr | 44.20 | 20.40 | nr | - |
| 12/04 | - | 52.20 | nr | 2.70 | nr | 0.00 | nr | 0.00 | nr | 12.70 | 1.60 | 0.00 | nr | nr | nr | nr | 12.40 | - | nr | 44.20 | 20.40 | nr | - |
| 13/04 | - | 6.20 | 6.40 | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | 0.00 | nr | nr | nr | nr | 0.80 | - | 31.00 | - | nr | 3.40 | 4.00 |

Note: data from China is available during the flood season only (01 June-31 October 2014)

nr: no rain

Annex B: Season Water Level Graphs

This Annex has the water level graphs of the report date. These graphs are distributed weekly by email together with the River Monitoring Bulletin.

**HYDROGRAPH AT 7 AM OF MEKONG TONLE SAP AND BASSAC AT MAINSTREAM STATIONS
IN DRY SEASON FROM 1 NOVEMBER TO 31 MAY**









