



# Mekong River Commission

## Regional Flood Management and Mitigation Centre

### Weekly Dry Season Situation Report for the Mekong River Basin

Prepared at: 05/12/2016, covering the week from the 28<sup>th</sup> November to 05<sup>th</sup> December 2016.

### 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), water levels at stations along mainstream of Mekong River were fluctuating above or about the LTA, except Chiang Saen and Kompong Cham to Chau Doc that were fluctuating below the LTA.

#### ***For stations from Chiang Saen and Luang Prabang***

Compared to long term average (LTA), water levels at Chiang Saen and Luang Prabang were fluctuated below and above the LTA during last week, respectively.

#### ***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 fluctuated 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 fluctuated 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 fluctuated above the LTA, except Kompong Cham that was below 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 fluctuated below 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, all water levels at stations along mainstream Mekong River were fluctuating above or about the LTA, except Chiang Saen and Kompong Cham to Chau Doc that were fluctuating below the LTA. Some rainfalls happened in the lower part of LMB, and no the accumulated weekly rainfall about or greater than 100 mm had happened (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

| 2016  | 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 Khel | Neak Luong | Prek Kdam | Tan Chau | Chau Doc |
|-------|----------|-------------|---------------|-------------|-----------|----------|---------|---------------|---------|----------|-------------|-------------|-------|-------------|--------|--------------|---------------------|-----------------|----------|------------|-----------|----------|----------|
| 28/11 | -        | 3.30        | 6.70          | 6.80        | 3.34      | 3.83     | 4.29    | 3.23          | 4.44    | 3.41     | 3.15        | 4.26        | 3.26  | 4.22        | 11.08  | 7.00         | 5.60                | 4.64            | 5.10     | 4.12       | 5.32      | 2.24     | 2.13     |
| 29/11 | -        | 3.23        | 6.82          | 6.62        | 3.28      | 3.87     | 4.18    | 3.13          | 4.35    | 3.32     | 2.99        | 4.31        | 3.12  | 4.15        | 10.87  | 6.79         | 5.49                | 4.49            | 4.96     | 4.02       | 5.24      | 2.18     | 2.08     |
| 30/11 | -        | 3.23        | 6.80          | 6.73        | 3.15      | 3.73     | 4.21    | 3.07          | 4.27    | 3.23     | 2.90        | 3.91        | 3.03  | 4.00        | 10.49  | 6.57         | 5.53                | 4.37            | 4.86     | 3.94       | 5.13      | 2.09     | 2.00     |
| 01/12 | -        | 3.34        | 6.42          | 6.88        | 3.20      | 3.73     | 4.20    | 3.73          | 4.24    | 3.19     | 2.88        | 4.14        | 2.98  | 3.94        | 10.41  | 6.38         | 5.21                | 4.18            | 4.74     | 3.78       | 5.05      | 1.98     | 1.88     |
| 02/12 | -        | 3.58        | 6.42          | 6.99        | 3.34      | 3.84     | 4.13    | 3.00          | 4.19    | 3.15     | 2.81        | 3.71        | 2.85  | 3.86        | 10.27  | 6.23         | 5.08                | 4.12            | 4.66     | 3.72       | 4.97      | 1.92     | 1.84     |
| 03/12 | -        | 3.97        | 6.60          | 6.77        | 3.35      | 3.92     | 4.17    | 2.87          | 4.15    | 3.02     | 2.78        | 3.94        | 2.82  | 3.80        | 10.04  | 6.08         | 4.97                | 3.99            | 4.56     | 3.66       | 4.87      | 1.84     | 1.75     |
| 04/12 | -        | 3.35        | 6.86          | 6.61        | 3.25      | 3.84     | 4.29    | 2.88          | 4.10    | 2.95     | 2.65        | 3.61        | 2.78  | 3.76        | 9.93   | 5.95         | 4.89                | 3.91            | 4.50     | 3.62       | 4.86      | 1.74     | 1.63     |
| 05/12 | -        | 2.56        | 7.10          | 6.62        | 3.12      | 3.70     | 4.30    | 2.92          | 4.19    | 2.98     | 2.65        | 3.70        | 2.66  | 3.79        | 9.85   | 5.82         | 4.88                | 3.81            | 4.42     | 3.50       | 4.68      | 1.65     | 1.55     |

Table A2: observed rainfall.

Unit: mm

| 2016   | 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 Khel | Neak Luong | Prek Kdam | Tan Chau | Chau Doc |
|--------|----------|-------------|---------------|-------------|-----------|----------|---------|---------------|---------|----------|-------------|-------------|-------|-------------|--------|--------------|---------------------|-----------------|----------|------------|-----------|----------|----------|
| 28/11  | -        | 1.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | nr           | nr                  | -               | nr       | nr         | nr        | nr       | nr       |
| 29/11  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | -           | nr     | -            | nr                  | -               | nr       | -          | nr        | nr       | -        |
| 30/11  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | -            | nr                  | -               | nr       | 1.80       | nr        | nr       | -        |
| 01/12  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | -            | nr                  | -               | nr       | -          | nr        | 26.50    | 64.00    |
| 02/12  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | -            | nr                  | -               | nr       | 0.40       | nr        | 0.10     | 11.00    |
| 03/12  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | -            | nr                  | -               | nr       | -          | nr        | 0.90     | 0.80     |
| 04/12  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | nr          | nr     | -            | nr                  | -               | nr       | -          | nr        | nr       | 0.10     |
| 05/12  | -        | 0.00        | nr            | 0.00        | nr        | 0.00     | nr      | 0.00          | nr      | 0.00     | nr          | 0.00        | nr    | 23.50       | nr     | -            | nr                  | -               | nr       | -          | nr        | 0.20     | 0.10     |
| Sum RF |          | 1.0         | 0.0           | 0.0         | 0.0       | 0.0      | 0.0     | 0.0           | 0.0     | 0.0      | 0.0         | 0.0         | 0.0   | 23.5        | 0.0    | 0.0          | 0.0                 | 0.0             | 0.0      | 2.2        | 0.0       | 27.7     | 76.0     |

**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









