



# Mekong River Commission

## Regional Flood Management and Mitigation Centre

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

Prepared at: 17/04/2017, covering the week from the 10<sup>th</sup> – 17<sup>th</sup> April 2017.

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

#### General weather patterns:

No critical weather during last

#### General behaviour of the Mekong River:

China informed that the discharge from Jinghong Reservoir on the Lancang River was gradually decreased to around 1,200 m<sup>3</sup>/s starting from 10 April 2017, and then was gradually increased to about 2,000 m<sup>3</sup>/s on 17 April 2017. Compared to the Long Term Average (LTA) of 1980-2013, water levels at the stations along the Mekong mainstream were decreased, but still above the LTA.

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

Compared to long term average (LTA), during last week the water levels at Chiang Saen and Luang Prabang stations were decreased 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 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.

#### ***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 above the LTA.

#### ***Tan Chau and Chau Doc***

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

#### Dry season situation

Compared to the Long Term Average (LTA), water levels at stations along mainstream of Mekong River were decreased but still above the LTA. There were some rainfalls had happened in the lower reach of LMB, and the accumulated weekly rainfall is less than 100 mm, except at Stung Treng (113.5 mm) see Table A2 for more detail.

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

2017	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 Khei	Neak Luong	Prek Kdam	Tan Chau	Chau Doc
10/04	3.65	5.9	5.76	2.75	3.23	3.85	2.6	3.89	2.86	2.55	3.12	2.14	3.09	8.15	3.54	2.28	1.3	2.2	1.72	1.36	1.08	1.24
11/04	3.65	-	5.38	-	3.01	-	2.6	-	2.85	-	3.11	-	3.13	8.18	3.52	2.19	1.2	2.2	1.66	1.36	0.97	1.12
12/04	2.58	-	5.37	-	2.67	-	2.6	-	2.86	-	3.09	-	3.16	8.26	3.54	2.19	1.23	2.25	1.52	1.38	0.78	0.9
13/04	2.22	-	5.82	-	2.5	-	2.57	-	2.87	-	3.08	-	3.19	8.33	3.56	2.26	1.29	2.24	1.44	1.39	0.4	0.61
14/04	2.22	-	6.22	-	2.7	-	2.43	-	2.8	-	3.07	-	3.19	8.26	3.6	2.25	1.29	2.26	1.4	1.38	0.12	0.18
15/04	2.29	-	6.35	-	3.1	-	2.29	-	2.64	-	3.04	-	3.14	8.44	3.69	2.33	1.37	2.3	1.48	1.39	0.09	0
16/04	2.28	-	5.9	-	3.3	-	2.23	-	2.5	-	2.94	-	3.12	8.35	3.7	2.36	1.39	2.36	1.5	1.44	0.06	0
17/04	2.24	-	5.24	-	3.16	-	2.32	-	2.49	-	2.8	-	3.1	8.27	3.62	2.37	1.41	2.32	1.54	1.48	0.06	0.03

Table A2: observed rainfall.

Unit: mm

2017	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 Khei	Neak Luong	Prek Kdam	Tan Chau	Chau Doc	
10/04	0	nr	0	nr	0	nr	0	nr	0	nr	0	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr
11/04	0	-	0	-	0	-	0	-	0	-	0	-	nr	nr	nr	nr	nr	nr	nr	nr	0.1	nr	nr
12/04	0	-	0	-	0	-	0	-	0	-	0	-	104.5	53	nr	nr	nr	nr	nr	nr	nr	nr	nr
13/04	0	-	0	-	0	-	86.8	-	25	-	0	-	9	6.6	nr	12.8	nr	75.3	0.3	nr	nr	nr	nr
14/04	4.5	-	5.9	-	8.8	-	9.5	-	0	-	0	-	nr	nr	nr	0.7	nr	nr	nr	nr	nr	nr	nr
15/04	4.5	-	0	-	0	-	0	-	0	-	11.8	-	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr
16/04	0.5	-	0	-	9.8	-	0	-	0	-	0	-	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr
17/04	1.1	-	2	-	0	-	0	-	0	-	0	-	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr	nr
Sum RF	10.6	0	7.9	-	18.6	0	96.3	0	25	0	11.8	0	113.5	59.6	0	13.5	-	75.3	0.3	0	0.1	0	0

*nr: no rain**- : Not available*

**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**









