



# Mekong River Commission

## Regional Flood Management and Mitigation Centre

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

Prepared at: 29/05/2017, covering the week from the 22<sup>nd</sup> to 29<sup>th</sup> May 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:

Compared to the Long Term Average (LTA), water levels at stations along mainstream of Mekong River were fluctuating above the LTA, except Tan Chau and Chau Doc that were about 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 fluctuated 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 about the LTA.

#### Dry season situation

Compared to the Long Term Average (LTA), water levels at stations along mainstream of Mekong River were fluctuating above the LTA, except Tan Chau and Chau Doc that were about the LTA. There were heavy rainfalls happened mostly in the middle and upper-lower reaches of LMB, and the maximum accumulated weekly rainfalls were at Thakhek (194.3 mm.) and Phnom Penh (Bassac) (182.4 mm.), (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

2017	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 Khej	Neak Luong	Prek Kdam	Tan Chau	Chau Doc
22/05	-	3.90	7.54	8.16	4.85	5.80	5.02	4.95	6.04	4.32	4.00	3.90	3.02	3.70	9.40	4.35	2.47	1.50	2.38	1.86	1.52	0.53	0.52
23/05	-	3.78	7.34	8.02	4.54	5.52	5.84	5.20	6.36	4.90	4.71	4.45	3.38	3.73	9.52	4.48	2.25	1.56	2.46	1.88	1.66	0.97	1.01
24/05	-	3.55	7.10	7.82	4.23	5.30	6.80	4.97	6.15	4.91	4.68	5.21	4.04	3.83	9.61	4.60	2.59	1.59	2.68	1.94	1.84	1.16	1.23
25/05	-	3.54	6.84	7.62	4.20	5.11	6.69	4.93	6.11	4.81	4.57	5.42	4.36	4.19	9.81	4.70	2.68	1.79	2.70	1.96	1.82	1.20	1.30
26/05	-	3.65	6.54	7.52	3.86	4.86	6.65	4.87	6.05	4.82	4.58	5.62	4.44	4.55	10.35	4.98	2.78	1.82	2.72	1.97	1.96	1.12	1.23
27/05	-	3.77	6.42	7.45	3.75	4.69	6.40	4.77	5.95	4.76	4.53	5.52	4.43	4.73	11.17	5.60	3.05	2.09	2.96	2.02	2.22	0.84	0.94
28/05	-	3.80	6.56	7.32	3.68	4.58	6.21	4.55	5.72	4.65	4.42	5.23	4.44	4.94	11.75	6.13	3.38	2.41	3.25	2.34	2.49	0.45	0.33
29/05	-	3.77	6.70	6.96	3.60	4.56	6.02	4.27	5.53	4.43	4.20	5.12	4.26	5.19	12.17	6.55	3.68	2.72	3.50	2.54	2.78	0.53	0.32

**Note: data from China is available during the flood season only (01 June-31 October 2016)**

Table A2: observed rainfall.

Unit: mm

2017	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 Khej	Neak Luong	Prek Kdam	Tan Chau	Chau Doc
22/05	-	0.00	nr	0.00	nr	0.00	nr	0.00	nr	0.00	3.70	0.00	1.20	nr	1.00	28.50	26.50	-	19.70	0.00	-	nr	0.10
23/05	-	0.00	nr	0.00	6.80	1.80	nr	19.40	35.40	71.80	51.50	0.00	32.60	nr	3.60	-	2.50	-	0.00	-	7.40	0.20	2.00
24/05	-	0.00	nr	0.00	nr	14.70	14.40	0.00	nr	3.20	27.00	64.00	12.60	15.50	37.00	0.40	21.90	-	-	0.00	-	nr	0.00
25/05	-	0.00	nr	2.30	nr	0.00	2.40	16.50	153.70	6.20	nr	28.50	nr	8.00	0.50	1.20	2.50	-	0.90	-	6.30	11.20	0.30
26/05	-	22.80	nr	0.00	nr	0.00	nr	0.00	5.20	29.00	19.50	12.60	29.30	15.00	47.50	22.70	8.40	-	2.50	0.40	31.50	4.00	nr
27/05	-	0.00	nr	0.00	nr	0.00	nr	0.00	nr	6.10	nr	5.20	nr	8.00	21.00	0.90	20.60	-	2.30	1.20	7.30	0.00	nr
28/05	-	0.00	nr	0.00	nr	0.00	nr	0.00	nr	0.00	nr	24.40	nr	3.50	15.00	52.40	100.00	-	12.00	3.40	4.20	0.00	2.20
29/05	-	-	0.40	-	nr	-	nr	-	nr	-	nr	-	nr	-	-	-	-	-	-	-	-	nr	0.00
Sum RF		22.8	0.4	2.3	6.8	16.5	16.8	35.9	194.3	116.3	101.7	134.7	75.7	50.0	125.6	106.1	182.4	0.0	37.4	5.0	56.7	15.4	4.6

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









