



Mekong River Commission

Regional Flood Management and Mitigation Centre

Weekly Dry Season Situation Report for the Mekong River Basin

Prepared at: 22/05/2017, covering the week from the 15th to 22nd 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 or 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 above the LTA.

Dry season situation

Compared to the Long Term Average (LTA), water levels at stations along mainstream of Mekong River were fluctuating above or about the LTA. There were rainfalls happened in LMB, and average of accumulated weekly rainfall was more 100 mm. The maximum of accumulated weekly rainfall at some stations was more 100 mm such as at Chiang Saen 174.6 mm, Chiang Khan 233.9 mm, Paksane 231.6 mm, and Nakhon Phanom 158.2 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 Khel	Neak Luong	Prek Kdam	Tan Chau	Chau Doc
15/05	3.65	6.38	6.52	2.89	3.43	4.09	2.59	3.75	2.62	2.28	2.69	1.90	3.12	8.80	4.30	2.61	1.66	2.58	1.70	1.72	0.10	0.01
16/05	3.82	6.39	6.56	2.99	3.56	4.15	2.77	4.05	2.88	2.54	2.86	2.06	3.05	8.55	4.05	2.53	1.57	2.52	1.65	1.66	0.05	-0.04
17/05	3.90	6.48	7.02	3.05	3.63	4.21	2.84	4.12	3.05	2.68	3.13	2.29	3.10	8.41	3.85	2.43	1.47	2.40	1.50	1.55	-0.04	-0.13
18/05	4.10	6.80	7.96	3.44	3.93	4.25	2.89	4.15	3.09	2.74	3.36	2.42	3.23	8.58	3.78	2.34	1.38	2.30	1.46	1.45	-0.11	-0.17
19/05	4.22	7.04	8.97	4.90	5.13	4.39	3.08	4.31	3.16	2.82	3.40	2.70	3.41	8.65	3.80	2.33	1.37	2.26	1.46	1.42	-0.06	-0.12
20/05	4.15	7.40	8.52	5.45	6.36	4.55	3.43	4.66	3.32	2.91	3.48	2.71	3.58	8.96	3.88	2.33	1.37	2.25	1.56	1.44	0.04	-0.02
21/05	4.01	7.60	8.40	5.08	6.00	5.00	4.17	5.41	3.72	3.40	3.57	2.76	3.62	9.32	4.12	2.34	1.38	2.29	1.68	1.49	0.25	0.21
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

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

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 Khel	Neak Luong	Prek Kdam	Tan Chau	Chau Doc
15/05	0.0	9.0	0.5	4.5	4.4	5.2	0.0	nr	0.0	nr	15.9	4.0	nr	nr	1.5	25.0	nr	27.8	0.0	29.4	nr	0.2
16/05	1.5	7.1	0.0	nr	4.0	68.3	12.2	3.8	62.5	64.1	4.6	nr	nr	1.4	15.2	30.5	nr	nr	nr	nr	0.2	nr
17/05	92.0	13.6	90.1	64.2	14.4	25.2	77.5	69.4	33.5	11.0	2.4	48.0	nr	25.2	1.7	4.4	nr	nr	23.6	nr	0.2	29.0
18/05	58.9	12.0	111.5	3.8	8.7	2.3	0.4	0.1	1.8	nr	17.1	28.4	nr	2.4	0.5	13.0	nr	23.6	72.2	16.2	nr	nr
19/05	9.2	4.6	31.8	76.5	64.5	78.8	67.7	56.4	13.3	5.7	8.6	1.6	nr	15.0	2.5	32.5	nr	4.3	17.6	nr	0.4	nr
20/05	0.0	nr	0.0	nr	0.0	nr	0.4	nr	6.3	3.3	0.5	nr	nr	5.2	10.2	16.4	nr	25.0	0.2	65.4	nr	5.0
21/05	13.0	nr	0.0	nr	0.0	51.8	0.0	2.0	4.9	3.7	0.0	nr	nr	7.0	0.8	nr	nr	5.1	nr	nr	nr	2.0
22/05	0.0	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	nr	1.0	nr	26.5	nr	36.4	0.0	nr	nr	0.1
Sum RF	174.6	46.3	233.9	-	96	231.6	158.2	131.7	122.3	87.8	49.1	82	0	57.2	32.4	148.3	-	122.2	113.6	111	0.8	36.3

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









