



Mekong River Commission

Regional Flood Management and Mitigation Centre

Weekly Dry Season Situation Report for the Mekong River Basin

Prepared at: 27/04/2015, covering the week from the 20th to 27th 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, except 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 decreased 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 stable 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 fluctuating 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 rainfalls happened over the whole of LMB, the accumulated weekly rainfalls were as follow at Chiang Saen(35.2 mm.), Luang Prabang(31 mm.), Chiang Khan(18.1 mm.), Vientiane(10.8 mm.), Nongkhai(42.4 mm.), Paksane(21.6 mm.), Nakhon Phanom(6.1 mm.), Thakhek(3.6 mm.),Mukdahan(14.1 mm.), Savannakhet(40.8 mm.), Khong Chiam(1.2 mm.), Pakse(42 mm.), Stung Treng(0 mm.), Kratie(33.8 mm.), Kompong Cham(33.4 mm.), Phnom Penh (Bassac)(30.5 mm.), Phnom Penh Port(0 mm.), Koh Khel(13.5 mm.), Neak Luong(37.2 mm.), Prek Kdam(24.8 mm.) and Chau Doc(9 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	Mongkhai	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
20/04	-	3.49	4.33	4.83	2.24	3.09	4.73	2.54	3.78	2.70	1.28	2.81	1.93	2.89	7.83	3.40	2.16	2.19	2.12	1.28	1.26	0.70	0.84
21/04	-	3.39	4.76	4.50	1.84	2.62	4.49	2.58	3.80	2.75	1.35	2.92	1.94	2.90	7.81	3.37	2.21	2.24	2.17	1.24	1.29	0.19	0.14
22/04	-	3.39	5.50	4.34	1.56	2.24	4.20	2.50	3.72	2.75	1.39	2.99	2.00	2.90	7.85	3.36	2.16	2.25	2.17	1.26	1.22	-0.08	-0.12
23/04	-	3.38	5.72	4.42	1.35	2.00	3.90	2.36	3.54	2.66	1.40	3.01	2.04	2.93	7.99	3.37	2.15	2.18	2.21	1.34	1.28	-0.05	-0.07
24/04	-	3.38	5.76	4.96	1.33	1.91	4.05	2.16	3.44	2.52	1.35	2.98	2.00	2.98	7.98	3.45	2.18	2.25	2.21	1.40	1.31	0.02	0.02
25/04	-	3.42	5.76	5.62	1.60	2.10	3.95	1.90	3.15	2.36	1.27	2.88	1.92	3.00	8.03	3.42	2.23	2.28	2.25	1.46	1.29	0.12	0.11
26/04	-	3.46	5.82	5.80	2.13	2.58	3.89	1.80	3.00	2.20	1.25	2.76	1.82	2.96	8.11	3.48	2.25	2.33	2.18	1.48	1.29	0.19	0.20
27/04	-	3.53	5.86	5.86	2.34	2.96	3.85	1.68	2.98	2.10	1.25	2.76	1.70	2.91	8.03	3.51	2.15	2.30	2.14	1.54	1.29	0.25	0.28

Table A2: observed rainfall.

Unit: mm

2015	Jinghong	Chiang Saen	Luang Prabang	Chiang Khan	Vientiane	Mongkhai	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
20/04	-	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	-
21/04	-	0.00	nr	0.00	nr	0.00	nr	0.00	nr	0.00	nr	0.00	42.00	nr	nr	nr	nr	-	nr	-	-	nr	-
22/04	-	0.00	11.80	5.80	0.00	20.40	8.80	5.40	3.40	5.70	26.10	0.00	nr	nr	nr	nr	nr	-	nr	-	-	nr	-
23/04	-	2.70	19.20	0.00	4.80	1.80	nr	0.00	nr	1.70	nr	0.00	nr	nr	28.00	0.40	0.70	-	0.00	5.40	7.40	nr	-
24/04	-	0.00	nr	0.00	nr	0.00	nr	0.00	0.20	6.70	14.70	0.00	nr	nr	nr	nr	11.30	-	13.00	16.80	-	nr	-
25/04	-	0.00	nr	12.30	5.20	20.20	3.00	0.70	nr	0.00	nr	1.20	nr	nr	3.80	5.20	-	-	nr	0.40	-	nr	-
26/04	-	32.00	nr	0.00	0.80	0.00	9.80	0.00	nr	0.00	nr	0.00	nr	nr	2.00	23.10	-	-	0.50	14.60	-	0.00	-
27/04	-	0.50	nr	0.00	nr	0.00	nr	0.00	nr	0.00	nr	0.00	nr	nr	nr	4.70	18.50	-	0.00	-	17.40	nr	9.00

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









