



Mekong River Commission

Regional Flood Management and Mitigation Centre

Weekly Dry Season Situation Report for the Mekong River Basin

Prepared at: 12/05/2014, covering the week from 05 May to 12 May 2014

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

General weather patterns:

No critical weather was observed during the last week except heavy rainfall at Chiang Saen with accumulated rainfall of 176.00 mm. There were some moderate rainfall in the upper and middle reaches of LMB (see Table A2).

General behaviour of the Mekong River:

During last week, compared to the long term average (LTA), water levels from Chiang Saen to Kompong Cham were well above LTA, from Phnom Penh to Prek Kdam just above LTA, while water levels at Tan Chau and Chau Doc fluctuated around LTA

For stations from Chiang Saen and Luang Prabang:

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

For stations from Chiang Khan, Vientiane and Nong Khai and Paksane:

Compared to the long term average (LTA), during last week the water levels at these stations recessed and rose up above LTA.

For stations from Nakhon Phanom to Pakse:

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

For stations from Stung Treng to Kompong Cham:

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

For stations from Phnom Penh to Prek Kdam:

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

Tan Chau and Chau Doc:

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

Dry season situation:

Water levels at all forecast stations of the Mekong River during last week were normal for the time of year. Some heavy rainfall were recorded at Chiang Saen during last week (Table A2).

For more details see the following annexes:

- Tables for water levels and rainfall during last week in Annex A
- The water level graphs showing the observed water levels for the season in Annex B

Annex A: Graphs and Tables

Table A1: observed water levels

Unit: m

2014	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
05/05	3.03	4.71	5.70	2.12	2.78	4.03	2.10	3.38	2.38	1.12	2.66	1.74	3.00	8.09	3.41	2.14	1.15	2.18	1.42	1.25	0.02	-0.01	
06/05	3.18	4.78	5.43	2.25	2.92	4.06	2.00	3.37	2.36	1.12	2.71	1.82	3.02	8.18	3.60	2.19	1.21	2.22	1.52	1.31	0.11	0.07	
07/05	3.15	5.14	5.10	2.10	2.86	4.15	1.98	3.36	2.34	1.10	2.77	1.86	3.02	8.14	3.64	2.20	1.21	2.21	1.48	1.32	0.14	0.12	
08/05	2.97	5.54	4.99	1.86	2.64	4.19	1.97	3.38	2.37	1.17	2.68	1.82	3.01	8.14	3.62	2.25	1.21	2.20	1.48	1.29	0.11	0.07	
09/05	2.93	5.78	5.33	1.72	2.43	4.23	2.08	3.44	2.40	1.19	2.70	1.80	3.02	8.12	3.60	2.10	1.12	2.10	1.42	1.22	0.17	0.18	
10/05	2.87	5.67	5.76	1.83	2.50	4.28	2.08	3.45	2.45	1.20	2.72	1.84	3.02	8.11	3.57	2.29	1.11	2.03	1.53	1.18	0.39	0.41	
11/05	3.11	5.51	6.01	2.18	2.76	3.97	1.98	3.35	2.43	1.27	2.76	1.91	3.03	8.13	3.58	2.11	1.13	2.05	1.66	1.17	0.69	0.76	
12/05	3.31	5.30	6.04	2.42	3.06	4.04	1.96	3.25	2.38	1.25	2.78	1.90	3.03	8.18	3.58	2.05	1.09	2.04	1.56	1.15	0.84	0.93	

Table A2: observed rainfall

Unit: mm

2014	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
05/05	-	19.2	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	nr	nr	0.1	nr	-	nr	nr	nr	nr	-
06/05	-	30.0	7.1	0.0	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	nr	nr	nr	nr	-	nr	nr	11.4	nr	-
07/05	-	24.2	5.0	0.0	2.2	0.0	nr	0.0	nr	0.0	nr	0.0	nr	nr	nr	nr	nr	-	nr	nr	nr	nr	-
08/05	-	50.0	16.5	0.0	3.6	2.9	2.0	0.0	nr	0.0	nr	5.2	nr	nr	nr	nr	nr	-	nr	nr	nr	4.6	-
09/05	-	15.7	37.2	1.6	nr	0.0	7.2	1.3	1.2	6.4	nr	0.0	nr	nr	nr	nr	nr	-	nr	nr	nr	nr	-
10/05	-	0.0	nr	3.7	nr	0.0	1.2	16.2	20.7	12.2	nr	4.0	nr	nr	nr	0.2	nr	-	nr	nr	nr	nr	-
11/05	-	0.5	nr	0.0	nr	0.0	nr	0.0	nr	0.0	nr	7.4	nr	nr	nr	nr	nr	-	nr	nr	nr	nr	-
12/05	-	36.4	nr	0.0	nr	0.0	nr	0.0	0.3	0.0	nr	0.0	nr	nr	nr	nr	nr	-	nr	nr	nr	nr	-

nr: no rain

Annex B: Season Water Level Graphs

This Annex has the water level graphs of the reporting date. These graphs are distributed weekly by email together with the River Monitoring Bulletin.

HYDROGRAPH AT 7 AM OF MEKONG AND BASSAC AT MAINSTREAM STATIONS IN DRY SEASON FROM 1 NOVEMBER TO 31 MAY









