Mekong River Commission

Weekly Dry Season Situation Report in the Lower Mekong River Basin

21 – 27 April 2026

Prepared by
The Regional Flood and Drought Management Centre
28 April 2026

The MRC is funded by contributions from its Member Countries and Development Partners, including Australia, Belgium, the European Union, Finland, France, Germany, Japan, Luxembourg, the Netherlands, Sweden, Switzerland, the United States and the World Bank.

First published (2020)

Title: Weekly dry season situation report in the Lower Mekong River Basin for 21 – 27 April 2026.

ISSN: 1728-3248

Keywords: Monitoring/forecasting/weather/the Mekong/the Tonle Sap Lake

For bibliographic purposes, this volume may be cited as:
Mekong River Commission. (2026). *Weekly dry season situation report in the Lower Mekong River Basin for 21 – 27 April 2026*. Vientiane: MRC Secretariat.

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Key Messages

Key messages for this weekly report are presented below.

Rainfall monitoring and forecast

- In the period of 21 - 27 April 2026, light to moderate rainfall that is expected to occur in some areas in the LMB.
- During 28 April – 04 May 2026, light rainfall that is expected to occur in some areas in the LMB.

Water level monitoring and forecast

- At 22 key monitoring stations along the Mekong mainstream from 21 – 27 April 2026, at most of stations, water levels are above LTAs except for Nongkhai, Paksane, Savannakhet and those from Phnom Penh (Bassac) downstream. However, the 6 monitoring stations remain in normal condition with respect to the flow threshold (PMFM Thresholds). It is also the same condition for Tan Chau and Chau Doc monitoring stations, which are significantly influenced by sea tidal fluctuation.
- In the period of 28 April – 04 May 2026, water levels at most of stations are expected to be in normal conditions. The water levels at upper part of the LMB (Chiang Saen to Khong Chiam) are expected to decrease, while from Pakse to Phnom Penh Port, they are expected to remain stable. The water levels at upper part (Chiang Saen to Chiang Khan) are expected to be above LTA, while from Vientiane to Savannakhet, they are expected to be below LTA. However, from Khong Chiam to Kompong Cham, the water levels are expected to be above LTA, while from Phnom Penh (Bassac) downstream, they are expected to be below LTA.

Drought condition and forecast

- During 21 - 27 April 2026, the combined drought indicator (CDI), that the LMB is likely to experience moderate to severe drought condition in some areas in the central and southern part of Lao PDR, the northeastern part of Thailand, and Cambodia.
- The weekly forecast from 28 April – 04 May 2026 indicates that the LMB is likely to experience moderate to severe drought condition in some areas in the central and lower part.

1 Introduction

This Weekly Dry Season Situation Report presents a preliminary analysis of the weekly hydrological situation in the Lower Mekong River Basin (LMB) for **21** – **27 April 2026**. The trend and outlook for water levels are also presented.

This analysis is based on the daily hydro-meteorological data provided by the Mekong River Commission (MRC) Member Countries – Cambodia, Lao PDR, Thailand, and Viet Nam – and on satellite data. The water level indicated in this report refers to an above zero gauge of each station.

The report covers the following topics that are updated weekly:

- General weather patterns, including rainfall patterns over the LMB.
- Water levels in the LMB, including in the Tonle Sap Lake.
- Flash flood and drought situation in the LMB.
- Weather, water level and flash flood forecast, and
- Possible implications.

Mekong River water levels are updated daily and can be accessed from:
http://ffw.mrcmekong.org/bulletin.php.

Drought monitoring and forecasting information is available at:
http://droughtforecast.mrcmekong.org

Flash flood information is accessible at: http://ffw.mrcmekong.org/ffg.php

2 General Weather Patterns

From 28 April – 04 May 2026, it is forecasted that the low-pressure system affected the Lower Mekong Basin. Under this circumstance, light to moderate rain occurred in some areas in the Lower Mekong Basin.

Figure 1 presents mean sea level pressure over the region in the next 7 days.

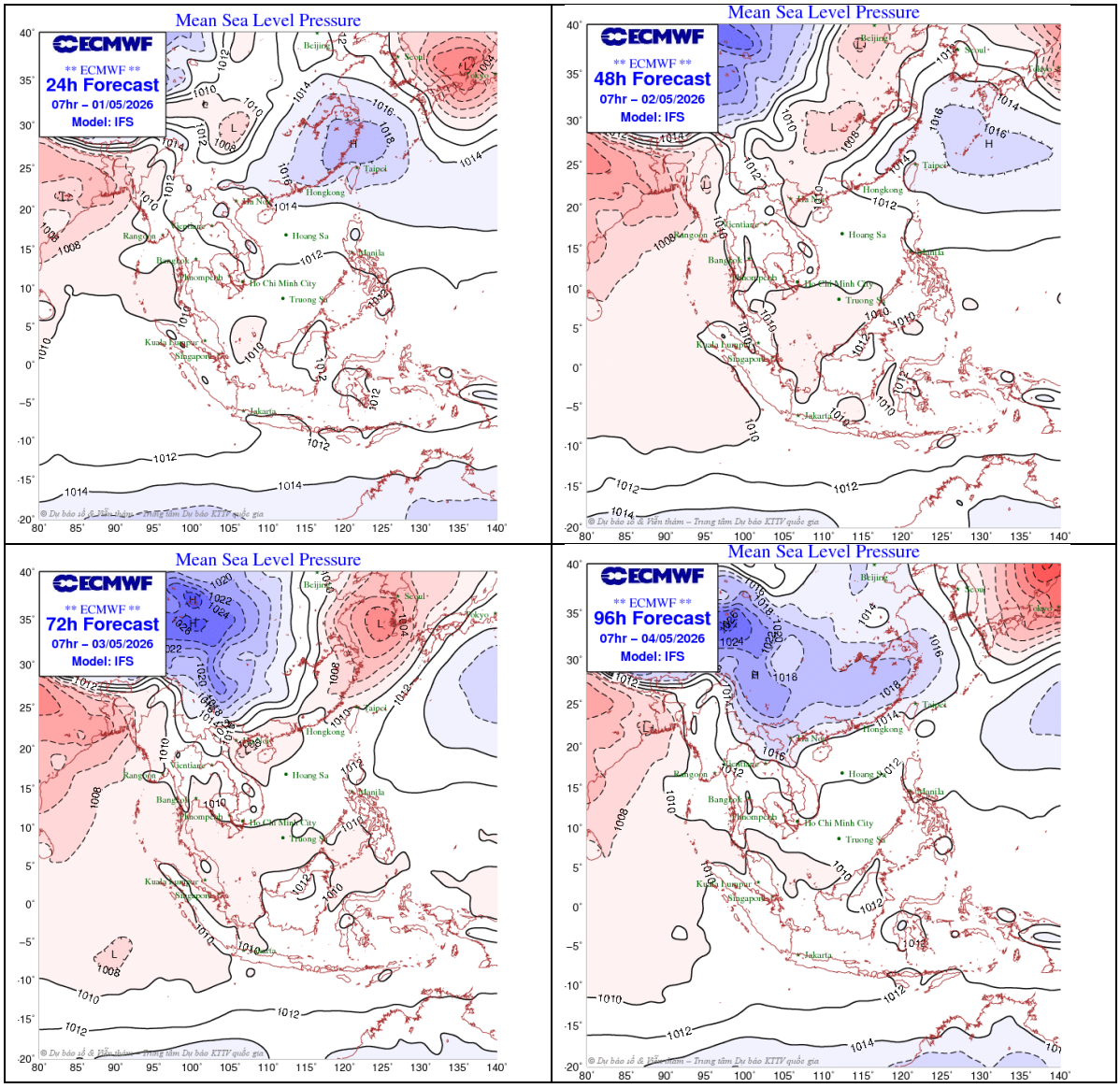


Figure 1: Weather conditions over the LMB

According to the ASEAN Specialised Meteorological Centre (ASMC, http://asmc.asean.org/home/), Drier than usual conditions are predicted over the entire LMB in Week 1 (13 – 19 April). However, warmer than usual temperatures are predicted over much of LMB in Week 1 (13 – 19 April), easing in Week 2 (20 – 26 April). **Figure 2** shows the outlook of weather condition from 13 to 26 April 2026 in Southeast Asia based on results from the NCEP model (National Centres for Environmental Prediction).

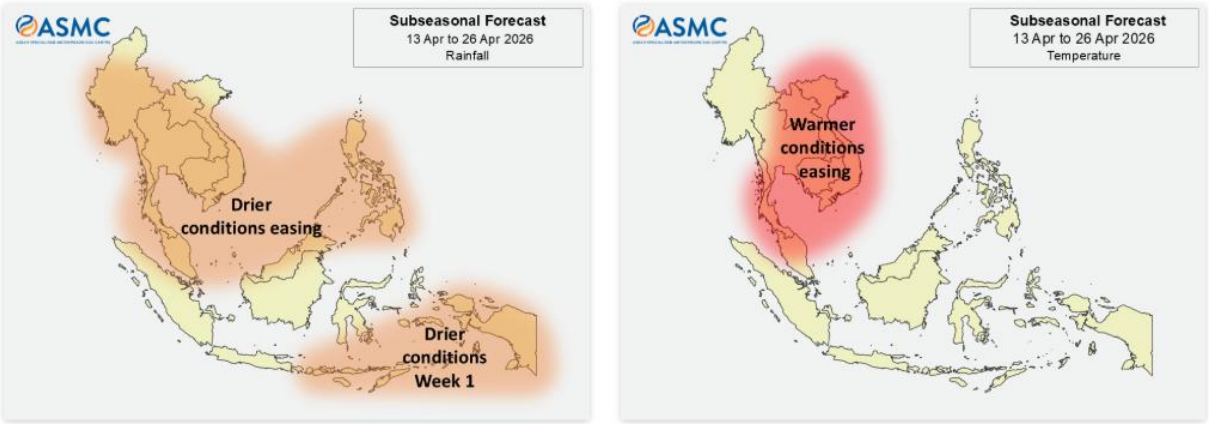


Figure 2: Outlook of wet and dry conditions over the Asian countries by ASMC.

Based on the JMA tropical storm (TS) information (https://www.jma.go.jp/bosai/weather_map/#lang=en), there is no active NW pacific system as of 27 April 2026 as displayed in **Figure 3.**

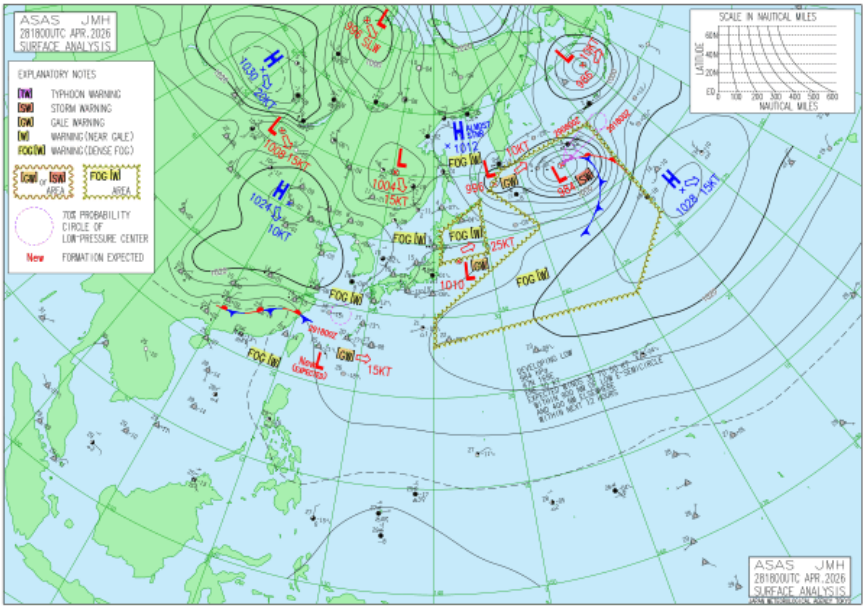


Figure 3: One tropical storm risk observed on 27 April 2026

3. Rainfall and Water Level Monitoring

3.1. Rainfall monitoring

The weekly accumulated rainfall based on the observed data provided by the MRC Member Countries – Cambodia, Lao PDR, Thailand, and Viet Nam – from 21- 27 April 2026 (**Figure 4**). Light to moderate rainfall that is expected to occur in some areas in the LMB.

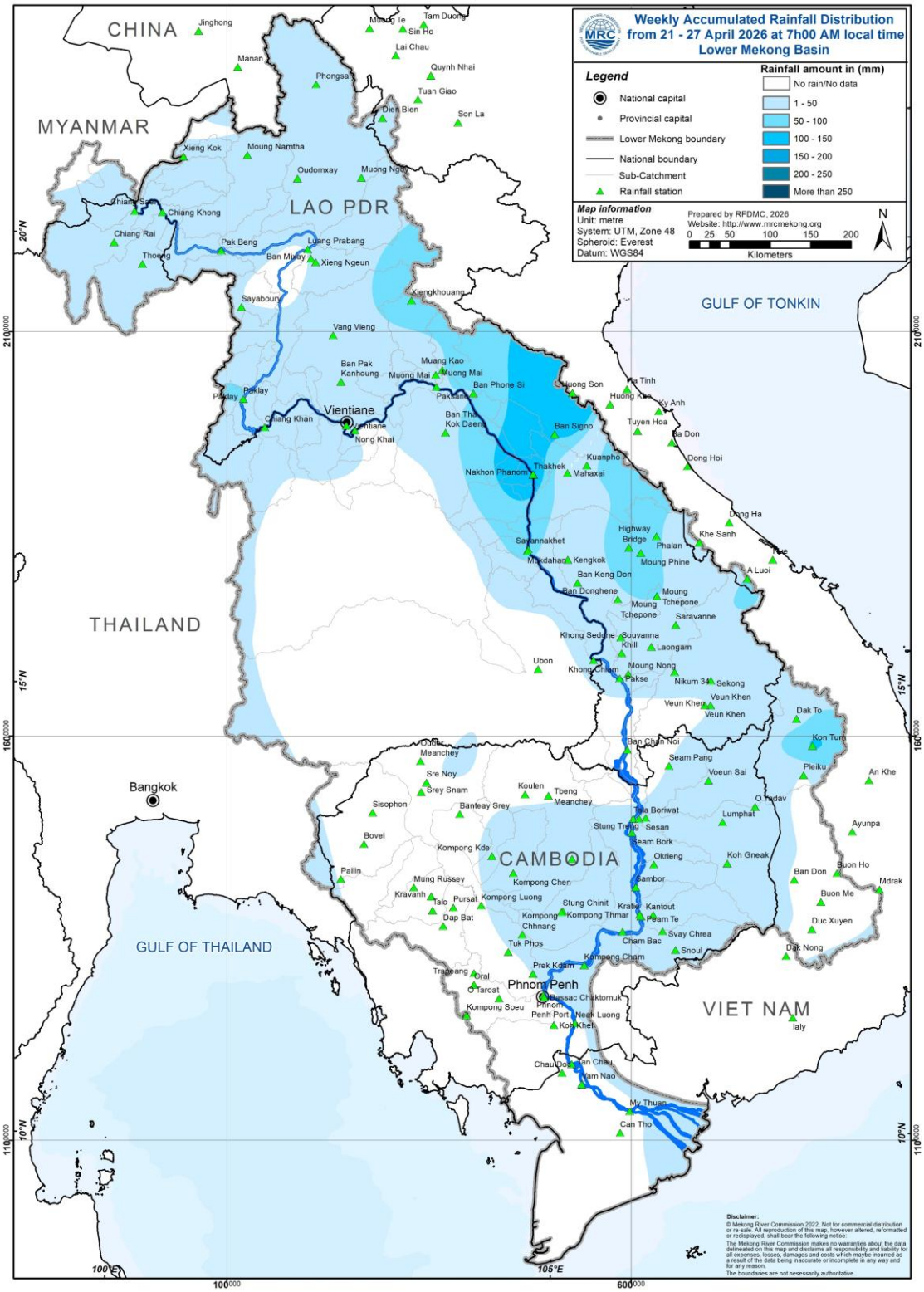


Figure 4: Weekly rainfall distribution over the LMB during 21 – 27 April 2026

3.2. Water level monitoring

The hydrological regimes of the Mekong mainstream are illustrated by recorded water levels and flows at key mainstream stations: at Chiang Saen to capture mainstream flows entering from the Upper Mekong Basin (UMB); at Vientiane to present flows generated by climate conditions in the upper part of the LMB; at Pakse to investigate flows influenced by inflows from the larger Mekong tributaries; at Kratie in Cambodia to capture overall flows of the Mekong Basin; and at Viet Nam's Tan Chau and Chau Doc to monitor flows to the Delta.

The key stations along the LMB and their respective model application for River Flood Forecasting during the wet season from June to October and River Monitoring during the dry season from November to May are presented in **Figure 5**. The hydrograph for each key station is available from the MRC's River Flood Forecasting: http://ffw.mrcmekong.org/overview.php.

During 21 – 27 April 2026, the observed water level (WL) at Jinghong hydrological station[1], was almost constant and ranges between 535.15 m and 536.58 m, which are corresponding to the outflow between 779.00 m^3/s to 1,810.00 m^3/s (recorded on 7:00 am), respectively (**Figure 6**). The water level in Chiang Saen Station also indicated a slight fluctuation ranging from 2.31 m to 2.55 m. At the same period, the water level in Luang Prabang station was stable at 8.80 m compared to the previous week. The water level at Chiang Khan station also increased from 4.16 m to 5.52 m. During the same period, the water levels observed at Vientiane, Nongkhai, Nakhon Phanom, Thakhek, Mukdahan, and Savannakhet stations increased from 2.03 m to 2.29 m, 1.13 m to 1.96 m, 2.68 m to 2.78 m, 1.64 m to 1.67 m, 2.98 m to 3.05 m, 2.18 m to 2.25 m, and 0.63 m to 0.70 m, respectively. However, at Khong Chiam Pakse, Stung Treng, and Kratie stations the water levels have also increased from2.54 m to 2.64 m, 1.46 m to 1.52 m, 2.88 m to 2.95 m, 2.73 m to 2.84 m, respectively as compared to the previous week.

Moving down to the floodplain area at Kompong Cham, Phnom Penh (Bassac), Phnom Port, and Koh Khel stations, the water levels have decreased from 2.96 m to 2.72 m, 1.90 m to 1.87 m, 0.88 m to 0.88 m, and 1.36 m to 1.34 m, respectively. However, the water level at Neak Luong and Prek Kdam has slightly increased from1.02 m to 1.56 m and 0.76 m to 1.12 m, respectively.

Similar to the previous week, the water levels from 21 to 27 April 2026 at Viet Nam's Tan Chau and Chau Doc fluctuated between their LTA values due to daily tidal effects from the sea. At the Tan Chau station, the water levels varied between 0.30 m and 0.40 m, while at the Chau Doc station, they ranged from 0.30 m and 0.45 m.

[1] Near-real time data of hydro-meteorological monitoring at the Jinghong hydrological station is available at https://portal.mrcmekong.org/monitoring/river-monitoring-telemetry.

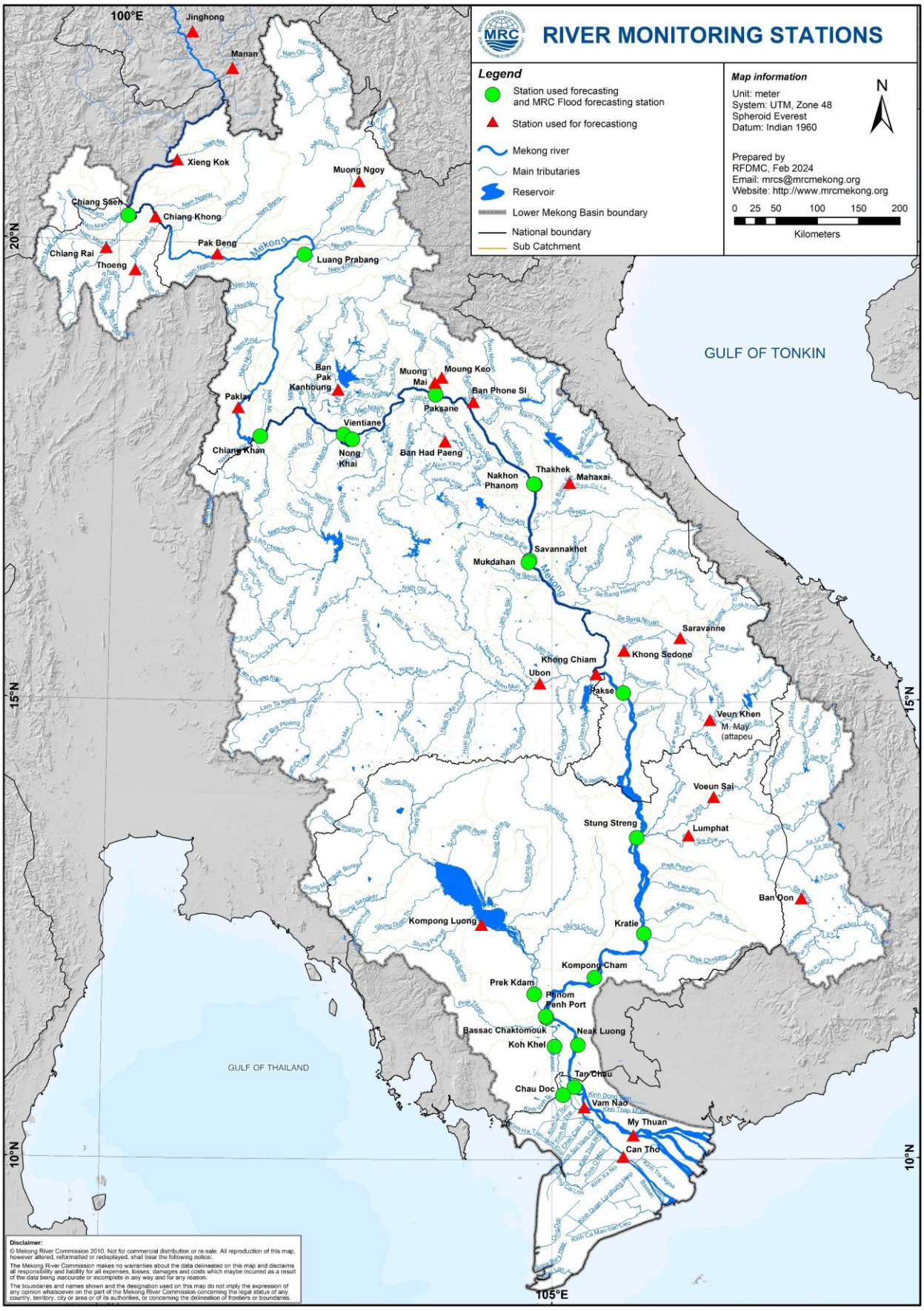


Figure 5: The key stations along LMB for river flood forecasting

The water levels in key monitoring stations on 27 April 2026 are in normal conditions. At most of stations, water levels are above LTAs except for Nongkhai, Paksane, Savannakhet and those from Phnom Penh (Bassac) downstream. Moreover, all stations with available PMFM thresholds are in normal conditions. The graphics of water level monitoring in all key stations are presented in **Annex A** and the weekly water levels and rainfall at each key station are summarised in **Annex B**.

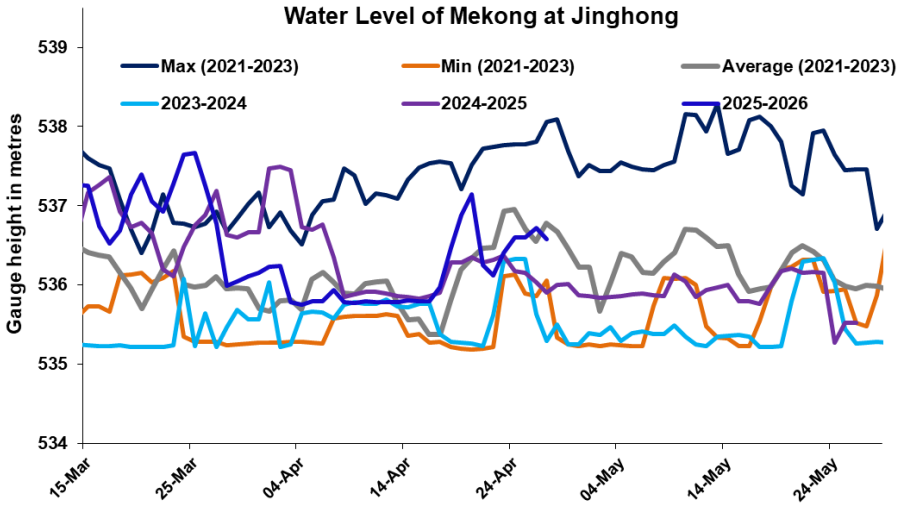


Figure 6. Water level at the Jinghong hydrological station up to 27 April 2026

At the end of the wet season, when water levels along the Mekong River subside, the outflow of the Tonle Sap Lake (TSL) returns to the Mekong River and then to the Delta. This phenomenon normally takes place between September and October. Based on flow observation at Prek Kdam monitoring station, the outflow of the Tonle Sap Lake took place since 14 September 2025.

The outflow flow is calculated based on a formula of rating-curves using by difference of water levels at Kompong Luong and Phnom Penh Port stations for slop and Prek Kdam as cross-section of the Lake. The formula of flow is as follows:

$$Flow = WL_{Prek\ Kdam}^{1.2} \times \sqrt{|WL_{Phnom\ Penh\ Port} - WL_{Kampong\ Luong}|}$$

Where, WL is water level in m (msl).

The seasonal changes of the inflow/reverse flow and the outflow of the TSL at Prek Kdam in comparison with the flows of 2020, 2021 and 2022, 2023, 2024 and their LTA level (1997–2024) are illustrated in **Figure 8**. Up to 27 April 2026, it was observed that the main outflow from Tonle Sap Lake has recessing **(Figure 8)**. This decreased outflow of Tonle Sap Lake was most likely caused by low inflows from its tributaries.

The seasonal changes in monthly flow volumes up to 27 April 2026 for the TSL compared with that in 2020, 2021, 2022, 20, 2024, 2025 and their LTAs, and the fluctuation levels (1997–

2024) are presented in **Table 1**. The mean monthly water volume of the Tonle Sap Lake in March 2026 is lower than its LTA (about 95.12 %), and all recent years (2020 to 2025) during the same period **(Figure 8 and Table 1)**.

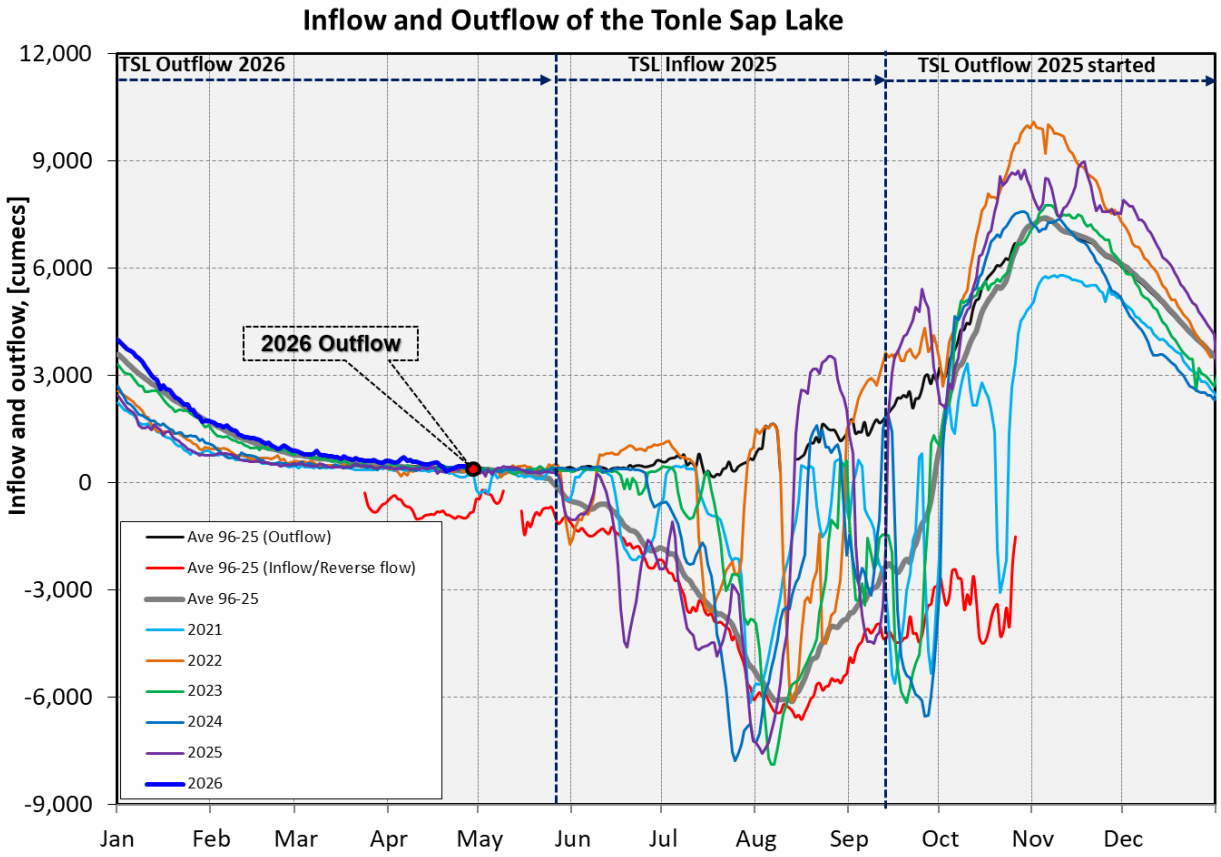


Figure 7: Seasonal change of inflows and outflows of Tonle Sap Lake.

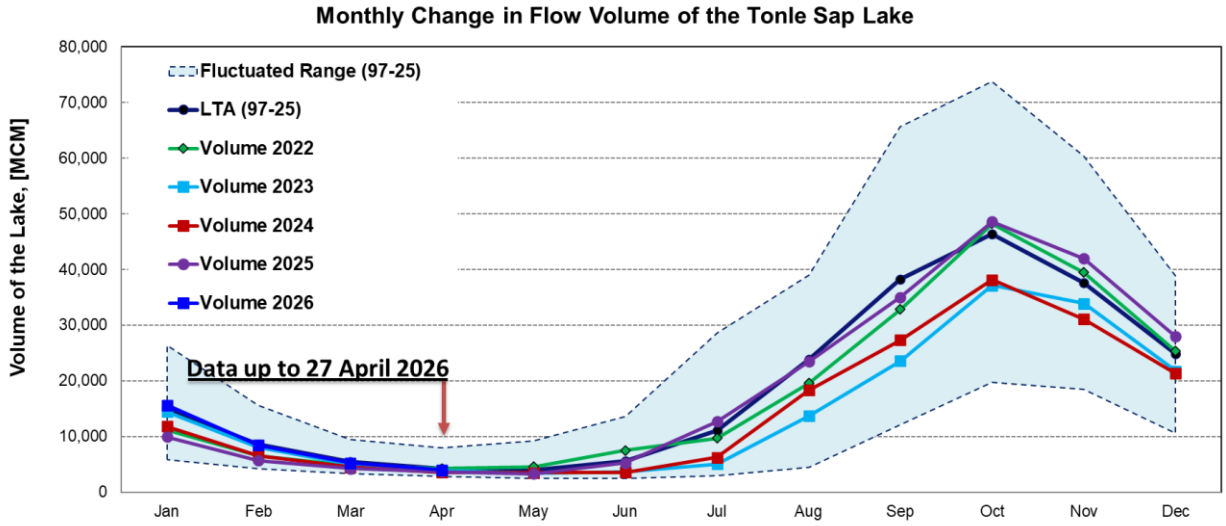


Figure 8. The seasonal change in monthly flow volume of Tonle Sap Lake.

Table 1. The monthly change in the flow volume of Tonle Sap Lake.

Month	LTA (97-25) [MCM]	Max Volume [MCM]	Min Volume [MCM]	Volume 2020 [MCM]	Volume 2021 [MCM]	Volume 2022 [MCM]	Volume 2023 [MCM]	Volume 2024 [MCM]	Volume 2025 [MCM]	Volume 2026 [MCM]	Volume in 2026 [%], compared with its LTA
Jan	15016.17	26357.53	5906.80	5906.80	9923.80	11214.32	14422.11	11824.86	9927.00	15639.19	104.15
Feb	8543.47	15596.22	4198.60	4264.19	5832.97	6558.79	8069.29	6505.88	5690.52	8447.12	98.87
Mar	5522.42	9438.24	3347.07	3553.99	4264.88	4736.52	5080.64	4488.23	4256.33	5252.98	95.12
Apr	4279.51	8009.14	2866.91	2992.61	3556.68	4288.31	3884.16	3569.01	3697.92	4039.22	94.39
May	3985.91	9176.93	2417.81	2594.92	3240.78	4556.83	3438.66	3517.79	3322.45		
Jun	5612.10	13635.01	2468.70	2641.88	3798.29	7489.04	3689.97	3586.07	5278.20		
Jul	11070.72	28599.56	2925.86	2925.86	5346.73	9703.79	5062.21	6247.29	12706.40		
Aug	23851.22	39015.12	4433.46	5941.07	10547.80	19554.70	13694.57	18304.81	23464.06		
Sep	38261.48	65632.35	12105.31	12105.31	16382.34	32860.34	23550.60	27310.26	35010.86		
Oct	46341.38	73757.23	19705.50	20799.13	27318.21	48199.12	37141.40	38139.87	48583.60		
Nov	37653.83	60367.33	18534.61	27546.80	28982.93	39452.53	33929.52	31056.48	41943.59		
Dec	24911.64	38888.95	10563.49	18251.65	20170.76	25346.65	21757.70	21328.51	27941.36		
	Critical situation: lower than long-term minimum values (LTMIN)										
	Normal condition: within the range of long-term average (LTA) and max (LTMAX) values										
	Low volume situation: lower than long-term average (LTA)										
Unit: Million Cubic Meter (1 MCM= 0.001 Km^3)											

Remarks: the volume of Tonle Sap Lake in 2026 is updated untill 27 April 2026.

4. Flash Flood in the Lower Mekong Basin

During the weekly monitoring period from 21 - 27 April 2026, the LMB received light rain in some areas.

According to the Southeast Asia Flash Flood Guidance System (SEAFFGS) and analysis, no flash flood risk over the LMB.

5. Drought Monitoring in the Lower Mekong Basin

5.2. Weekly drought monitoring

Drought monitoring data for 2026 are available from Monday to Sunday every week; thus, the reporting period is normally delayed by one day compared to Flood and Flash Flood reports. We adopt the Index of Soil Water Fraction (ISWF) data obtained from FFGS to represent soil moisture of agricultural indicator for both dry and wet seasons.

- **Weekly Standardised Precipitation Index (SPI1)**

Meteorological indicator shows that from 21- 27 April 2026, as shown in **Figure 9**, the LMB was facing moderate to severe dry conditions over the centre and lower part.

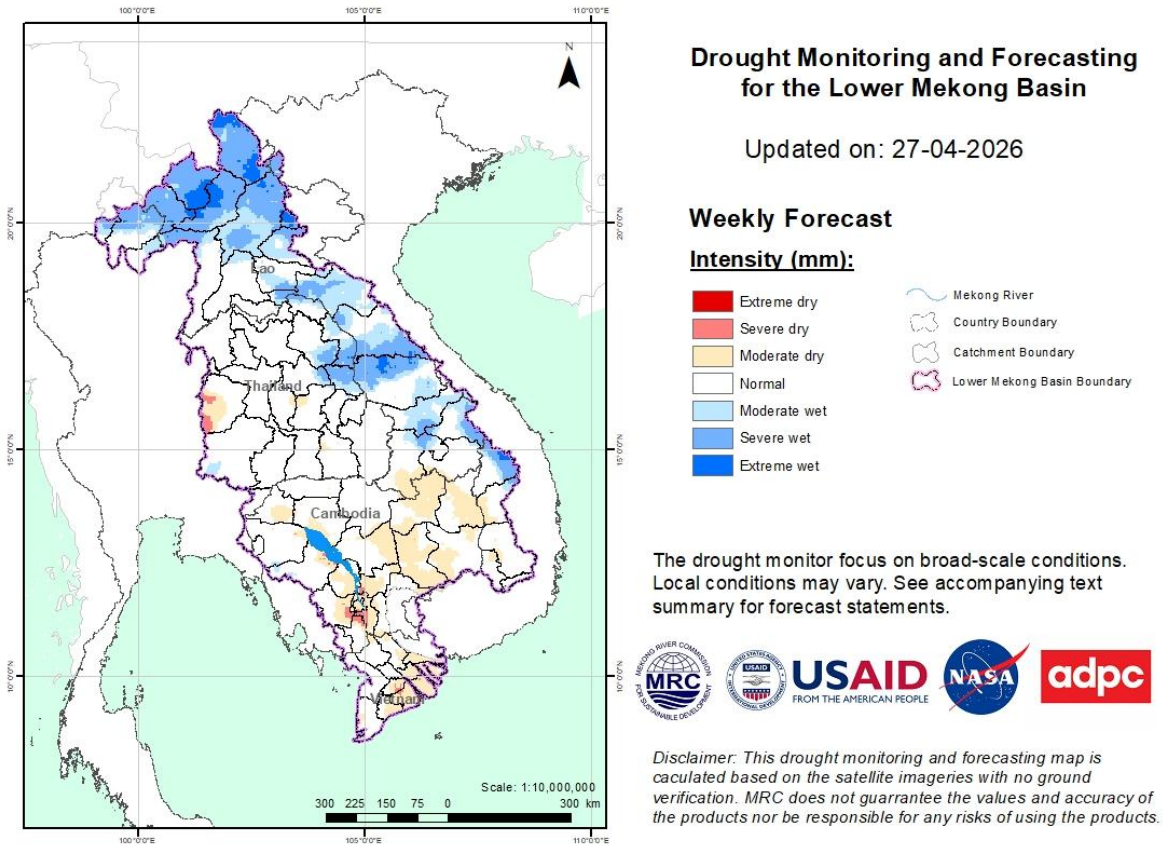


Figure 9: Weekly standardized precipitation index

- **Weekly Index of Soil Water Fraction (ISWF)**

Soil moisture conditions from 21 -27 April 2026, as displayed in **Figure 10**, the LMB was facing moderate to severe drought conditions.

Note: *The index of soil water fraction presents the current soil water fraction conditions compared with normal month; therefore, it normally shows extremely dry during dry season which is completely different from SPI that is standardized to its specific month of the years. However, this does not mean that the areas are threatened by agricultural drought as generally during transition period of wet and dry seasons and dry season only the irrigated areas are used for agricultural plantation.*

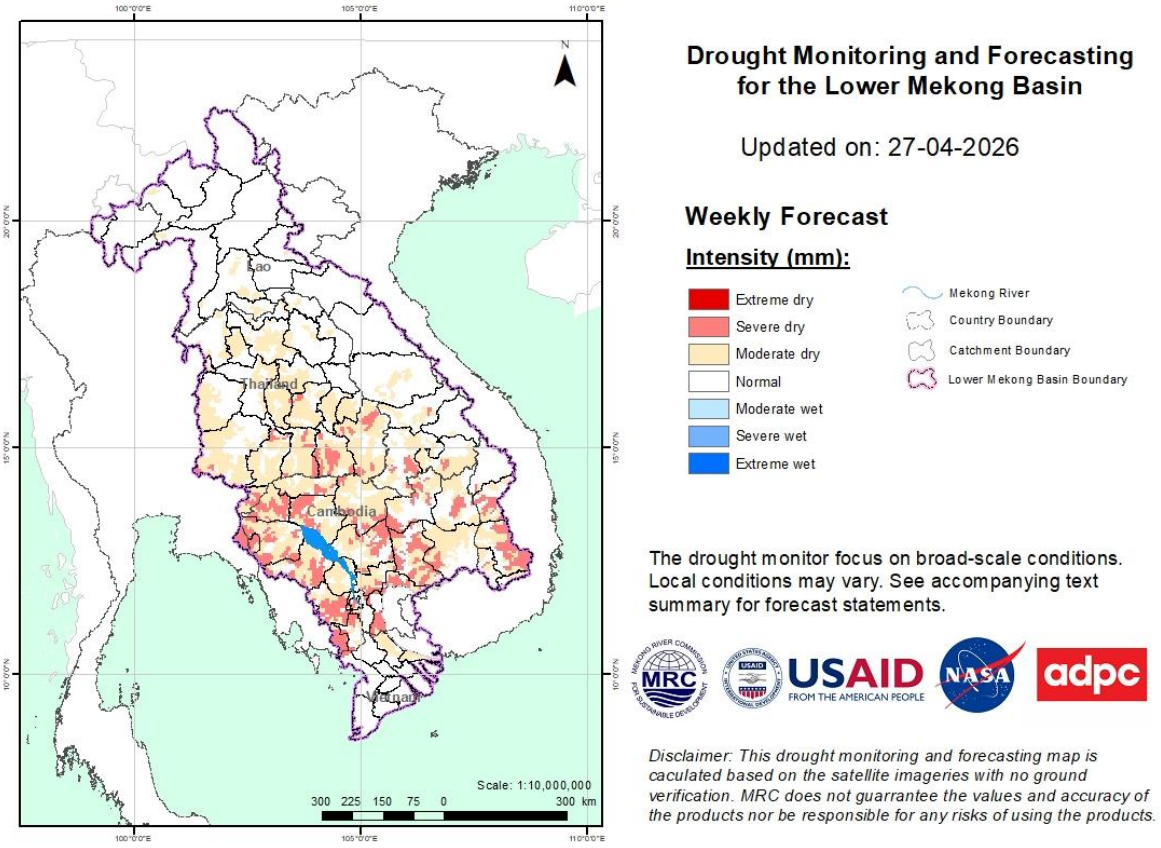


Figure 10: Weekly Index of Soil Water Fraction

- **Weekly Combined Drought Index (CDI)**

The combined drought indicator, **Figure 11**, shows that the LMB is likely to experience moderate to extreme drought condition in some areas in the central and southern part of Lao PDR, the northeastern part of Thailand, and Cambodia (the detailed areas in the table below).

Number	Country	Province	Moderate	Severe	Extreme	Exceptional	Number	Country	Province	Moderate	Severe	Extreme	Exceptional	Number	Country	Province	Moderate	Severe	Extreme	Exceptional
1	Cambodia	Banteay Meanchey					26	Lao PDR	Bolikhamxai					51	Thailand	Nakhon Phanom				
2	Cambodia	Battambang					27	Lao PDR	Champasak					52	Thailand	Nakhon Ratchasima				
3	Cambodia	Kampong Cham					28	Lao PDR	Khammouan					53	Thailand	Nong Bua Lam Phu				
4	Cambodia	Kampong Chhnang					29	Lao PDR	Louangnamtha					54	Thailand	Nong Khai				
5	Cambodia	Kampong Speu					30	Lao PDR	Oudomxai					55	Thailand	Phayao				
6	Cambodia	Kampong Thom					31	Lao PDR	Salavan					56	Thailand	Roi Et				
7	Cambodia	Kampot					32	Lao PDR	Savannakhet					57	Thailand	Sakon Nakhon				
8	Cambodia	Kandal					33	Lao PDR	Vientiane					58	Thailand	Si Sa Ket				
9	Cambodia	Koh Kong					34	Lao PDR	Vientiane Capital					59	Thailand	Sa Kaeo				
10	Cambodia	Kratie					35	Lao PDR	Xaignabouli					60	Thailand	Surin				
11	Cambodia	Mondulkiri					36	Lao PDR	Xaisomboun					61	Thailand	Ubon Ratchathani				
12	Cambodia	Otdar Meanchey					37	Lao PDR	Xekong					62	Thailand	Udon Thani				
13	Cambodia	Pailin					38	Thailand	Amnat Charoen					63	Thailand	Yasothon				
14	Cambodia	Phnom Penh					39	Thailand	Bueng Kan					64	Viet Nam	Dak lak				
15	Cambodia	Preah Sihanouk					40	Thailand	Buri Ram					65	Viet Nam	Gia Lai				
16	Cambodia	Preah Vihear					41	Thailand	Chaiyaphum					66	Viet Nam	Kon Tum				
17	Cambodia	Prey Veng					42	Thailand	Chantaburi											
18	Cambodia	Pursat					43	Thailand	Chiang Mai											
19	Cambodia	Ratanakiri					44	Thailand	Chiang Rai											
20	Cambodia	Siem Reap					45	Thailand	Kalasin											
21	Cambodia	Stung Treng					46	Thailand	Khon Kaen					Other provinces of the Mekong Delta of Viet Nam have no data						
22	Cambodia	Takeo					47	Thailand	Loei						Moderate			Severe		
23	Cambodia	Tboung Khmum					48	Thailand	Maha Sarakham						Extreme			Exceptional		
24	Lao PDR	Attapu					49	Thailand	Mukdahan											
25	Lao PDR	Bokeo					50	Thailand	Nakhon Nayok											

Risk areas for overall drought, combined drought indicator (CDI) - *S: Short-term drought (less than 4 weeks); L: Long-term drought (more than 4 weeks)*

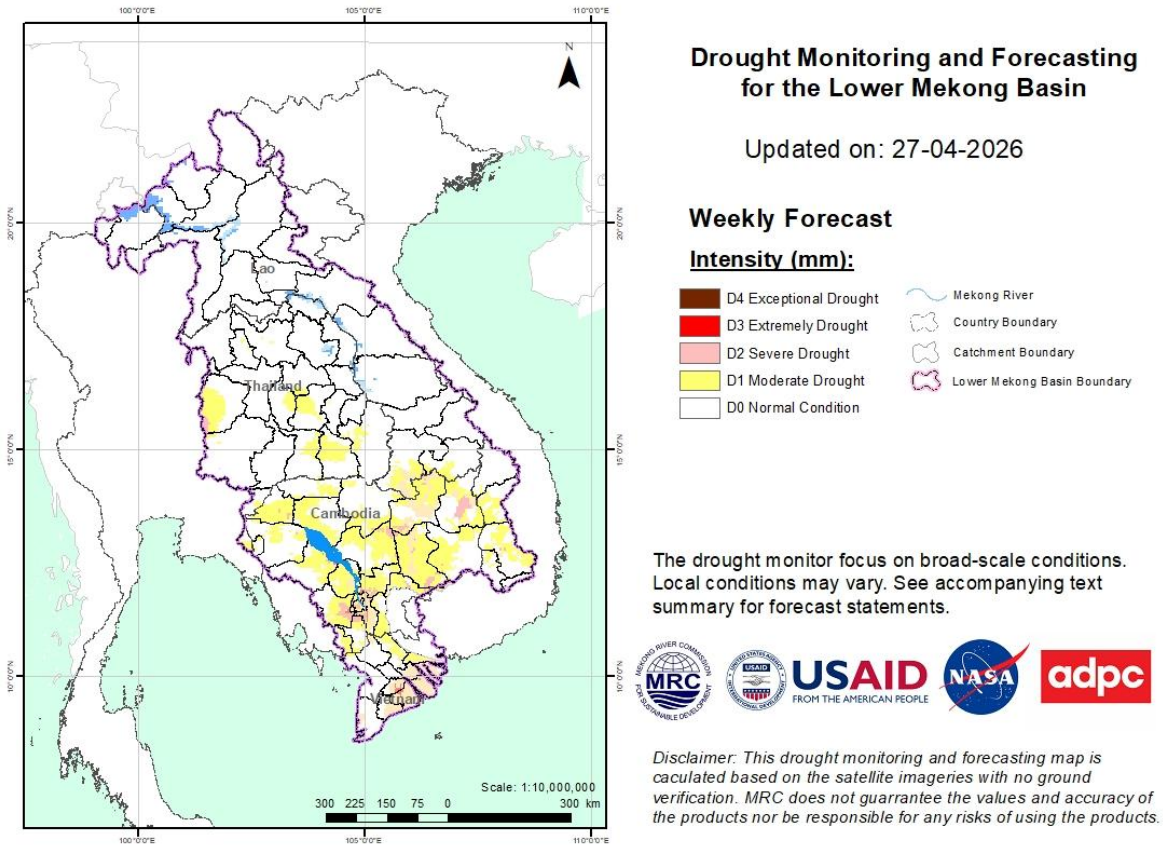


Figure 11: Weekly Combined Drought Index

More information on Drought Forecasting and Early Warning (DFEW) as well as the explanation is available here: http://droughtforecast.mrcmekong.org/templates/view/our-product. DFEW provides not only weekly monitoring and forecasting information but also a three-month forecast of drought indicators with seasonal outlook which are updated every month based on international weather forecast models. Details on drought forecast are described in section 6.4 of this report.

6 Weather and Water Level Forecast and Flash Flood information

6.1 Rainfall forecast

During 28 April – 04 May 2026, the accumulated rainfall over the entire Lower Mekong Basin is distributed with the light rain is expected to occur in some areas in the LMB including the central part of Laos and the northeastern part of Thailand based on CHIRPS-GFS (**Figure 12**).

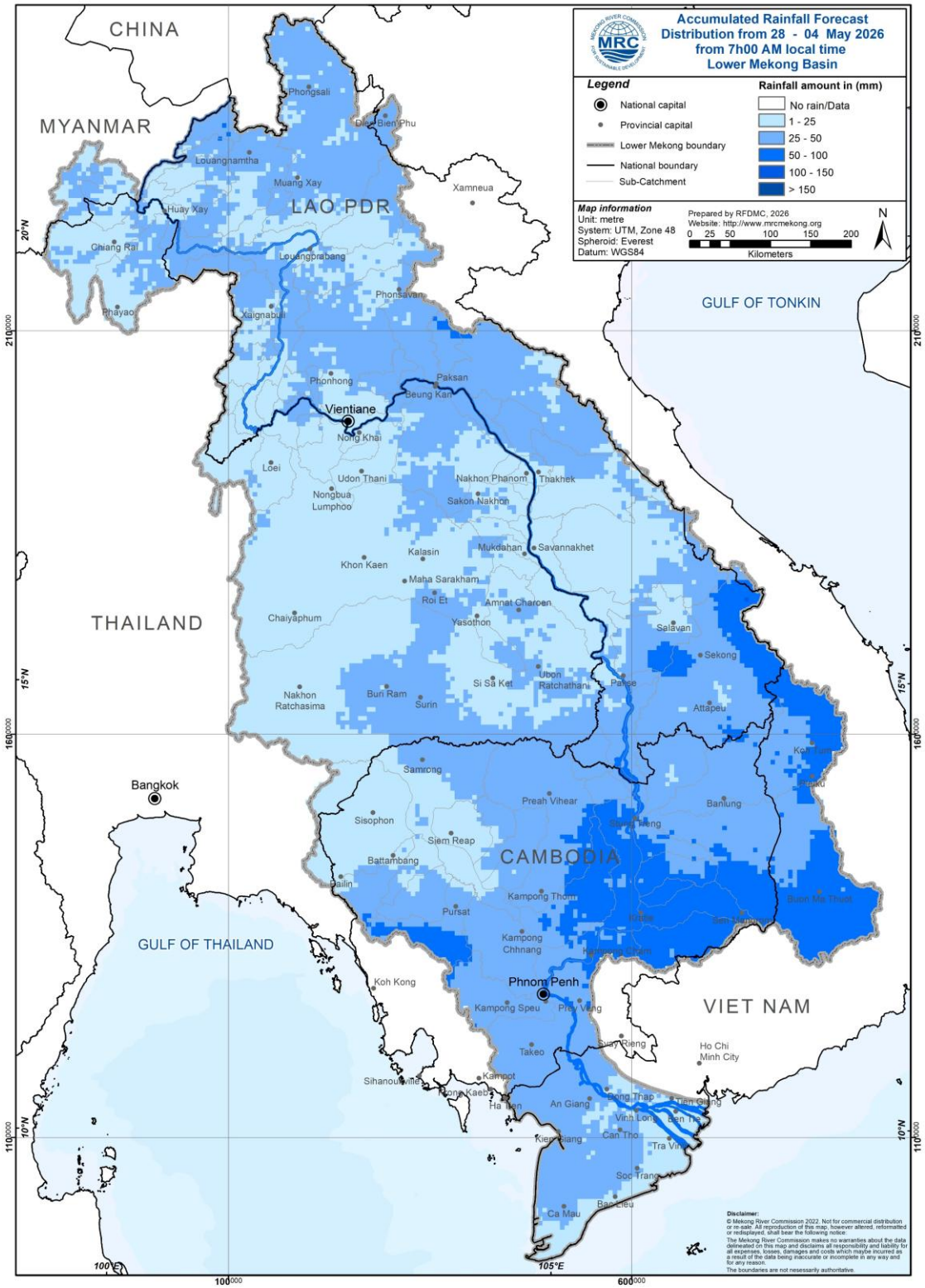


Figure 12: Accumulated rainfall forecast from CHIRP-GFS (28 April – 04 May 2026)

6.2 Water level forecast

From 27 April to 04 May 2026, water levels at most of stations are expected to be in normal conditions. The water levels at upper part of the LMB (Chiang Saen to Khong Chiam) are expected to decrease, while from Pakse to Phnom Penh Port, they are expected to remain stable. The water levels at upper part (Chiang Saen to Chiang Khan) are expected to be above LTA, while from Vientiane to Savannakhet, they are expected to be below LTA. However, from Khong Chiam to Kompong Cham, the water levels are expected to be above LTA, while from Phnom Penh (Bassac) downstream, they are expected to be below LTA.

In Chiang Saen monitoring station, the water level is expected to be fluctuated with increasing trend over the forecasting period of 28 April – 04 May 2026. The water level in Luang Prabang stations affected by backwater is likely slightly fluctuating from 8.80 m to 8.43 m with slight decreasing trend. Moreover, at Chiang Khan, Vientiane and Nongkhai stations, the water level is expected to decrease approximately -0.81 m, -0.48 m, and -0.51 m, respectively.

Along the Mekong mainstream, the water levels at Paksane, Nakhon Phanom, Thakhek, Mukdahan, Savannakhet and Khong Chiam stations, water levels are expected to decrease next week approximately, -0.31 m, -0.19 m, -0.19 m, -0.27 m, -0.28 m, and -0.09 m, respectively.

Moving down at Pakse, Stung Treng, Kratie, Kompong Cham, Phnom Penh (Bassac), and Phnom Penh Port, stations, water levels will remain stable for the next week. However, at Neak Luong and Prek Kdam stations, the water levels are expected to slight decrease approximately -0.20 m and -0.03 m, respectively.

For the Tan Chau station on the Mekong River and Chau Doc station on the Bassac River, water levels will be fluctuating approximately ranging between 0.40 m & 0.16 m and 0.45 m & 0.19 m, respectively, following daily tidal effects from the sea.

The weekly River Monitoring Bulletin and forecasting issued on 27 April 2026 can be found in **Table 2.** Results of the weekly river monitoring and forecasting bulletin are also available at http://ffw.mrcmekong.org/bulletin.php

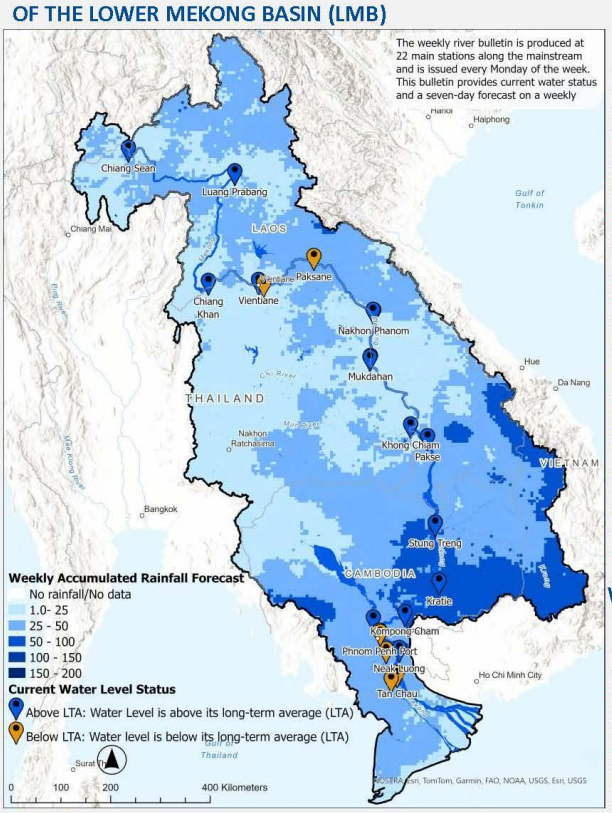
Table 2. Weekly River Monitoring Bulletin.

MEKONG RIVER MONITORING AND FORECASTING BULLETIN

Monitoring on 27 April 2026 and weekly forecasting from 28 April to 04 May 2026

Highlights: *Today's water levels at all stations are **in normal conditions**. In the next 7 days, water levels from **Vientiane to Svannakhet** stations are expected to be **below LTAs** and to either **decreasing** or **remain stable**.*

THE FORECASTING HYDROLOGICAL STATION MAP OF THE LOWER MEKONG BASIN (LMB)



CURRENT WATER LEVEL STATUS

Monitoring Station	Rainfall (mm)	Zero gauge amsl (m)	Water level against zero gauge (m)		Current Status	Flow Threshold (PMFM*6A)
	26-Apr		26-Apr	27-Apr		
Jinghong	0.0	-	536.72	536.58		
Chiang Saen	0.0	357.110	2.56	2.55	Above LTA	Normal
Luang Prabang**	0.0	267.195	9.10	8.80	Above LTA	-
Chiang Khan	1.5	194.118	5.35	5.52	Above LTA	-
Vientiane	3.0	158.040	2.26	2.29	Above LTA	Normal
Nongkhai	2.8	153.648	1.64	1.96	Below LTA	-
Paksane	3.0	142.125	2.68	2.78	Below LTA	-
Nakhon Phanom	0.0	130.961	1.73	1.67	Above LTA	-
Thakhek	0.0	129.629	3.04	3.05	Above LTA	-
Mukdahan	0.0	124.219	2.29	2.25	Above LTA	-
Savannakhet	0.0	125.410	0.73	0.70	Below LTA	-
Khong Chiam	6.0	89.030	2.59	2.64	Above LTA	Normal
Pakse	6.0	86.490	1.48	1.52	Above LTA	Normal
Stung Treng	0.0	36.790	2.97	2.95	Above LTA	Normal
Kratie	0.0	-1.080	7.80	7.84	Above LTA	Normal
Kompong Cham	12.0	-0.930	2.76	2.72	Above LTA	-
Phnom Penh (Bassac)	0.0	-1.020	1.96	1.87	Below LTA	-
Phnom Penh Port	nr	0.000	0.95	0.88	Below LTA	-
Koh Khel	0.0	-1.000	1.33	1.34	Below LTA	-
Neak Luong	0.0	-0.330	1.38	1.56	Above LTA	-
Prek Kdam	0.0	0.080	1.14	1.12	Above LTA	-
Tan Chau	0.0	0.000	0.02	0.40	Below LTA	-
Chau Doc	nr	0.000	0.11	0.45	Below LTA	-

** Procedures for Maintenance of Flows on the Mainstream*

*** Luang Prabang station is influenced by hydropowers at its upstream and downstream*

WEEKLY WATER LEVEL FORECAST

Forecasting Station	Forecasted Water Levels (m)							Status	Trend
	28-Apr	29-Apr	30-Apr	01-May	02-May	03-May	04-May		
Jinghong	-	-	-	-	-	-	-	-	-
Chiang Saen	2.56	2.52	2.47	2.48	2.55	2.50	2.47	Above LTA	Stable
Luang Prabang	8.63	8.51	8.48	8.41	8.35	8.40	8.43	Above LTA	Decreasing
Chiang Khan	5.45	5.15	4.94	4.84	4.78	4.75	4.71	Above LTA	Decreasing
Vientiane	2.35	2.33	2.25	2.12	2.02	1.90	1.81	Below LTA	Decreasing
Nongkhai	2.06	1.95	1.83	1.75	1.62	1.54	1.45	Below LTA	Decreasing
Paksane	2.89	2.90	2.85	2.76	2.64	2.53	2.47	Below LTA	Decreasing
Nakhon Phanom	1.65	1.69	1.60	1.56	1.50	1.47	1.48	Below LTA	Decreasing
Thakhek	3.08	3.13	3.04	2.98	2.93	2.88	2.86	Below LTA	Decreasing
Mukdahan	2.27	2.30	2.29	2.21	2.11	2.02	1.98	Below LTA	Decreasing
Savannakhet	0.72	0.76	0.74	0.66	0.57	0.46	0.42	Below LTA	Decreasing
Khong Chiam	2.62	2.65	2.69	2.65	2.60	2.57	2.55	Above LTA	Decreasing
Pakse	1.53	1.56	1.59	1.59	1.53	1.50	1.48	Above LTA	Stable
Stung Treng	2.95	2.95	2.96	2.97	3.00	2.98	2.96	Above LTA	Stable
Kratie	7.89	7.91	7.93	7.95	7.96	7.95	7.92	Above LTA	Stable
Kompong Cham	2.72	2.73	2.75	2.77	2.81	2.82	2.81	Above LTA	Stable
Phnom Penh (Bassac)	1.83	1.82	1.82	1.83	1.84	1.85	1.86	Below LTA	Stable
Phnom Penh Port	0.84	0.83	0.83	0.84	0.85	0.86	0.87	Below LTA	Stable
Koh Khel	1.36	1.39	1.43	1.46	1.48	1.51	1.45	Below LTA	Increasing
Neak Luong	1.58	1.65	1.62	1.57	1.50	1.42	1.36	Above LTA	Decreasing
Prek Kdam	1.08	1.07	1.07	1.07	1.08	1.09	1.09	Above LTA	Stable
Tan Chau	0.69	0.90	0.93	0.85	0.70	0.45	0.16	Below LTA	-
Chau Doc	0.72	0.93	0.96	0.88	0.73	0.48	0.19	Below LTA	-

NOTES

- Today's water levels are in **normal conditions**. At most of stations, water levels are **above LTAs** except for **Nongkhai, Paksane, Savannakhet** and **those from Phnom Penh (Bassac) downstream**.
- In the next 7 days, **light to moderate rainfall** is expected to occur in some areas in the LMB including the **northern part of Lao PDR**.
- In the next 7 days, water levels at upper part (**Chiang to Chiang Khan**) are expected to be **above LTA**, while from **Vientiane to Savannkahet**, be below LTA. Moreover, from **Khong Chiam to Kompong Cham**, they are expected to be **above LTA**. Most of them are expected **be either drop or remain stable.**

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http://www.mrcmekong.org/
http://ffw.mrcmekong.org/bulletin_dry.php
http://ffw.mrcmekong.org/report_dry.php
https://pmfm.mrcmekong.org/

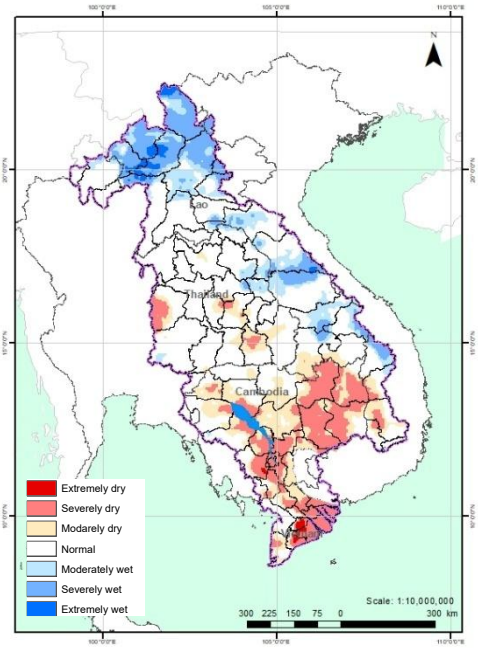
6.3 Flash Flood Information

Flash flood events are not likely to happen in the LMB next week. However, local heavy rain in a short period of time might still be possible with unexpected short flash floods. During the dry season if extreme weather occurs, the information on flash flood guidance for the next one, three, and six hours is updated at http://119.15.81.22:8000/bulletin/

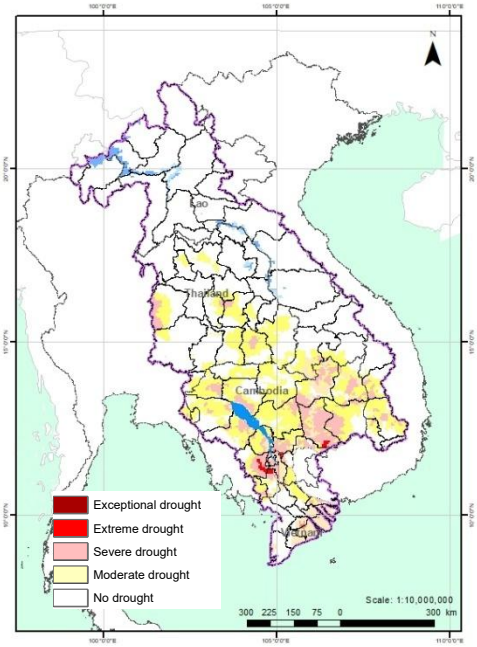
Further detailed information on Flash Flood Information Warning, as well as on its explanation, is available for download here.

6.4 Drought forecast

The weekly forecast from 28 April – 04 May 2026 indicates that the LMB is likely to experience moderate to extreme drought conditions in some areas in the central and lower part based on the Combined Drought Index (the detailed areas in the table below). **Figure 13** below shows the weekly forecasts for SPI and CDI.



The Standardized Precipitation Index (SPI) Forecast



The Combined Drought Index (CDI) Forecast

Number	Country	Province	Moderate	Severe	Extreme	Exceptional	Number	Country	Province	Moderate	Severe	Extreme	Exceptional	Number	Country	Province	Moderate	Severe	Extreme	Exceptional
1	Cambodia	Banteay Meanchey					26	Lao PDR	Bolikhamxai					51	Thailand	Nakhon Phanom				
2	Cambodia	Battambang					27	Lao PDR	Champasak					52	Thailand	Nakhon Ratchasima				
3	Cambodia	Kampong Cham					28	Lao PDR	Khammouan					53	Thailand	Nong Bua Lam Phu				
4	Cambodia	Kampong Chhnang					29	Lao PDR	Louangnamtha					54	Thailand	Nong Khai				
5	Cambodia	Kampong Speu					30	Lao PDR	Oudomxai					55	Thailand	Phayao				
6	Cambodia	Kampong Thom					31	Lao PDR	Salavan					56	Thailand	Roi Et				
7	Cambodia	Kampot					32	Lao PDR	Savannakhet					57	Thailand	Sakon Nakhon				
8	Cambodia	Kandal					33	Lao PDR	Vientiane					58	Thailand	Si Sa Ket				
9	Cambodia	Koh Kong					34	Lao PDR	Vientiane Capital					59	Thailand	Sa Kaeo				
10	Cambodia	Kratie					35	Lao PDR	Xaignabouli					60	Thailand	Surin				
11	Cambodia	Mondulkiri					36	Lao PDR	Xaisomboun					61	Thailand	Ubon Ratchathani				
12	Cambodia	Otdar Meanchey					37	Lao PDR	Xekong					62	Thailand	Udon Thani				
13	Cambodia	Pailin					38	Thailand	Amnat Charoen					63	Thailand	Yasothon				
14	Cambodia	Phnom Penh					39	Thailand	Bueng Kan					64	Viet Nam	Dak lak				
15	Cambodia	Preah Sihanouk					40	Thailand	Buri Ram					65	Viet Nam	Gia Lai				
16	Cambodia	Preah Vihear					41	Thailand	Chaiyaphum					66	Viet Nam	Kon Tum				
17	Cambodia	Prey Veng					42	Thailand	Chantaburi											
18	Cambodia	Pursat					43	Thailand	Chiang Mai											
19	Cambodia	Ratanakiri					44	Thailand	Chiang Rai											
20	Cambodia	Siem Reap					45	Thailand	Kalasin											
21	Cambodia	Stung Treng					46	Thailand	Khon Kaen					Other provinces of the Mekong Delta of Viet Nam have no data						
22	Cambodia	Takeo					47	Thailand	Loei						Moderate			Severe		
23	Cambodia	Tboung Khmum					48	Thailand	Maha Sarakham						Extreme			Exceptional		
24	Lao PDR	Attapu					49	Thailand	Mukdahan											
25	Lao PDR	Bokeo					50	Thailand	Nakhon Nayok											

Figure 13. Weekly forecasts for SPI and CDI

7 Summary and Possible Implications

7.1. Rainfall and its forecast

In the period of 21 - 27 April 2026, light rain occurred in some areas in the Lower Mekong Basin.

During 28 April – 04 May 2026, light rainfall that is expected to occur in some areas in the LMB.

Water level and its forecast

At 22 key monitoring stations along the Mekong mainstream from 21 – 27 April 2026, at most of stations, water levels are above LTAs except for Nongkhai, Paksane, Savannakhet and those from Phnom Penh (Bassac) downstream. However, the 6 monitoring stations remain in normal condition with respect to the flow threshold (PMFM Thresholds). It is also the same condition for Tan Chau and Chau Doc monitoring stations, which are significantly influenced by sea tidal fluctuation.

In the period of 28 April – 04 May 2026, water levels at most of stations are expected to be in normal conditions. The water levels at upper part of the LMB (Chiang Saen to Khong Chiam) are expected to decrease, while from Pakse to Phnom Penh Port, they are expected to remain stable. The water levels at upper part (Chiang Saen to Chiang Khan) are expected to be above LTA, while from Vientiane to Savannakhet, they are expected to be below LTA. However, from Khong Chiam to Kompong Cham, the water levels are expected to be above LTA, while from Phnom Penh (Bassac) downstream, they are expected to be below LTA.

7.2. Flash flood and its trends

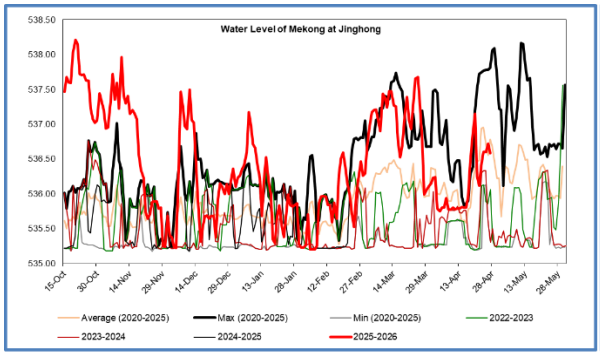
With the predicted of rainfall for the coming week as mentioned earlier in section 6.1, major flash floods are not likely to happen in the LMB.

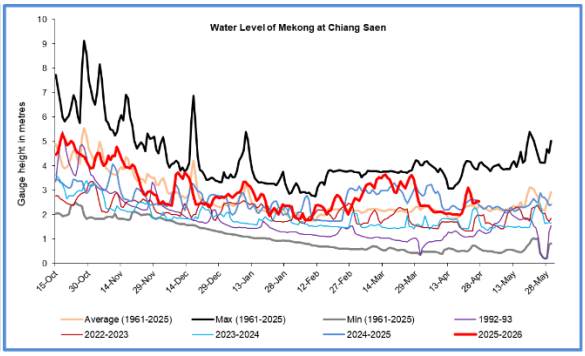
7.3. Drought condition and its forecast

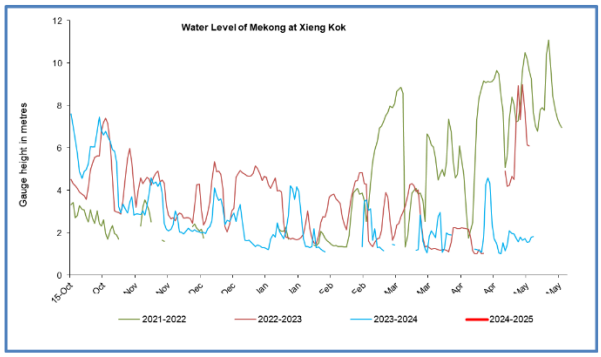
During 21 - 27 April 2026, the combined drought indicator (CDI), that the LMB is likely to experience moderate to severe drought condition in some areas in the central and southern part of Lao PDR, the northeastern part of Thailand, and Cambodia.

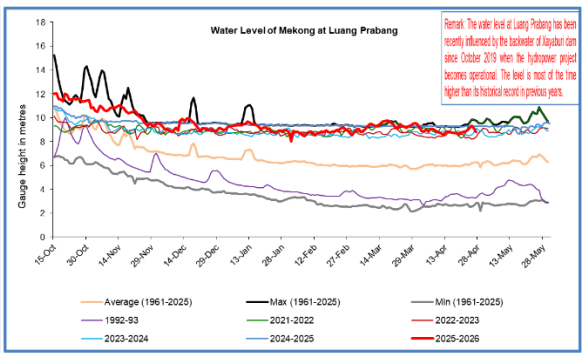
The weekly forecast from 28 April – 04 May 2026 indicates that the LMB is likely to experience moderate to extreme drought condition in some areas in the central and lower part based on the Combined Drought Index.

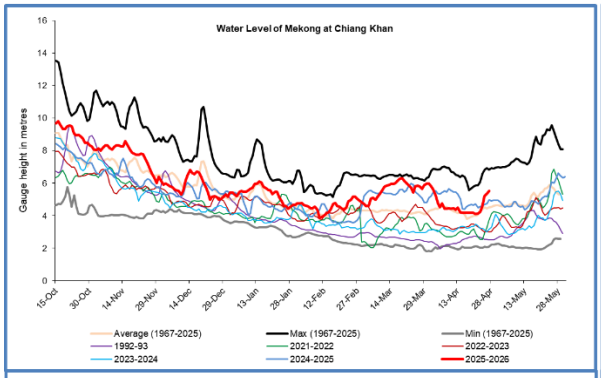
Annex A: Weekly water level monitoring at 22 key stations

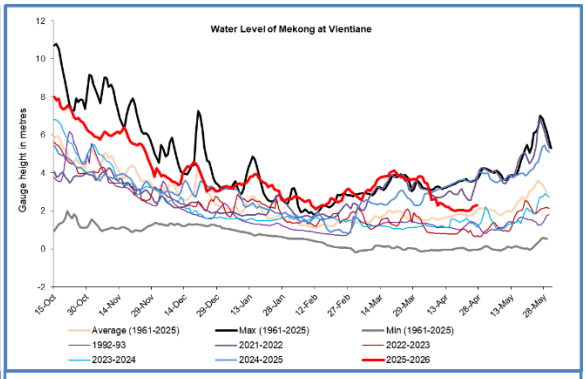


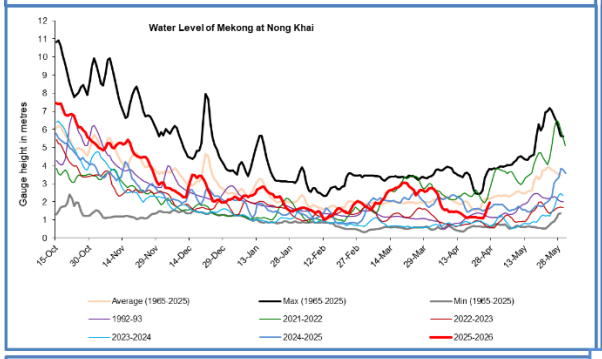


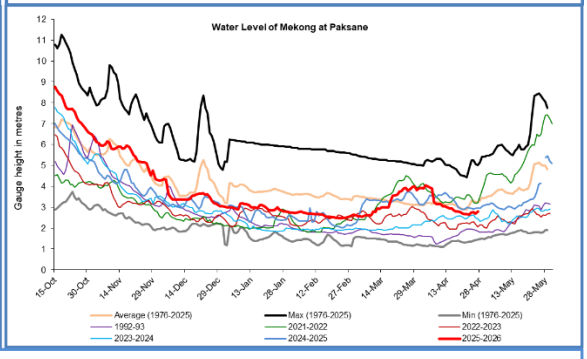


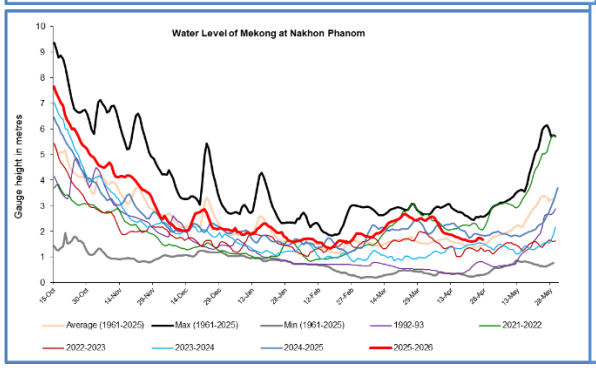


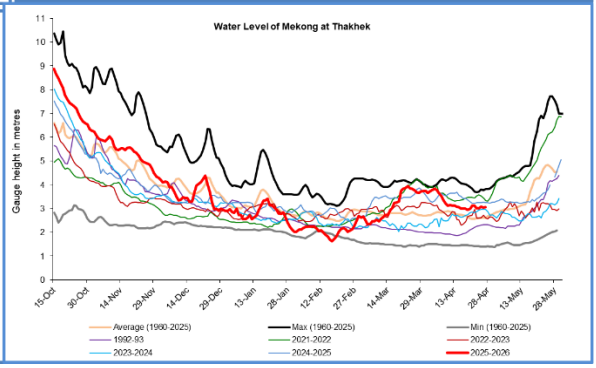


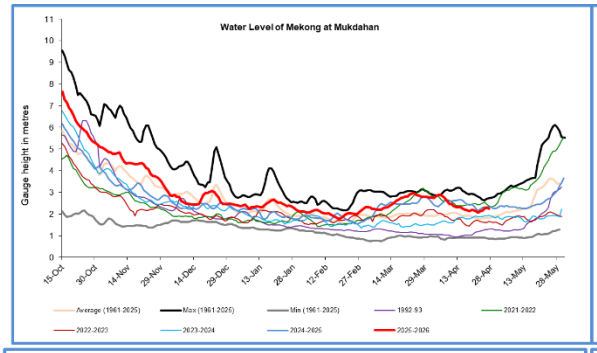


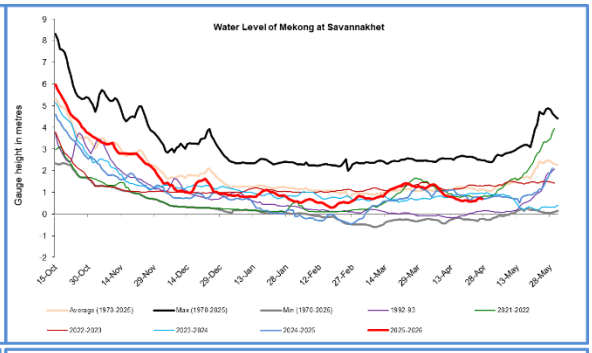


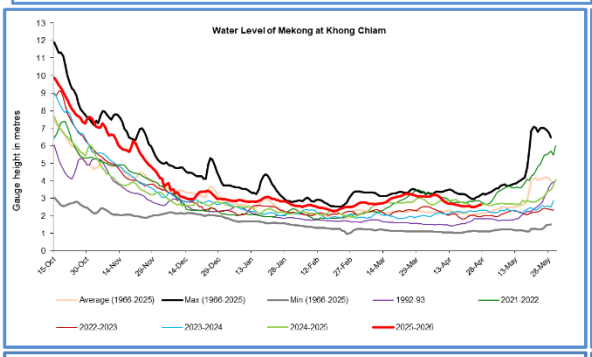


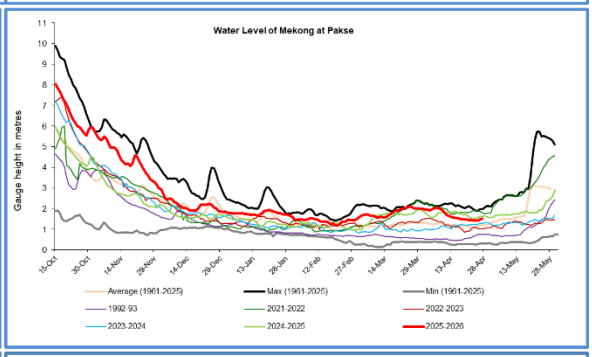


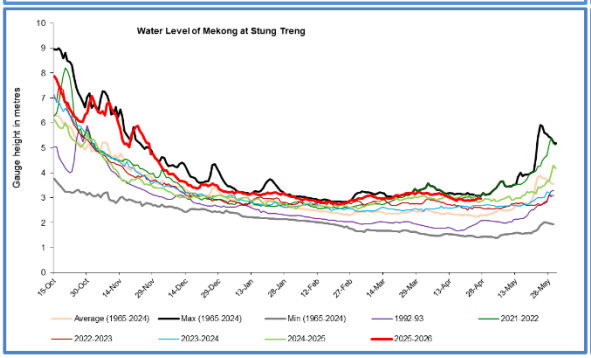


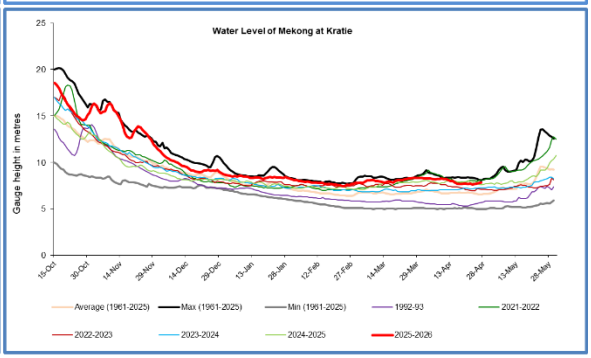

Water Level of Mekong at Mukdahan
Gauge height in metres
Average (1961-2025)
Max (1961-2025)
Min (1961-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

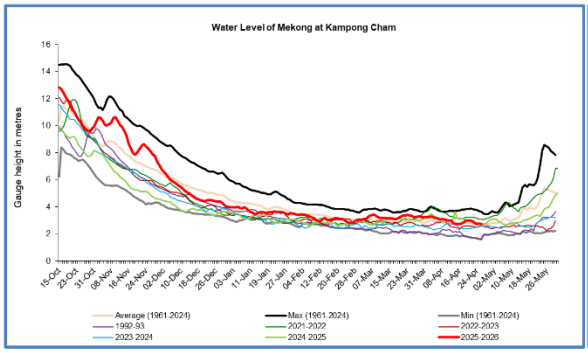

Water Level of Mekong at Savannakhet
Gauge height in metres
Average (1970-2025)
Max (1970-2025)
Min (1970-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

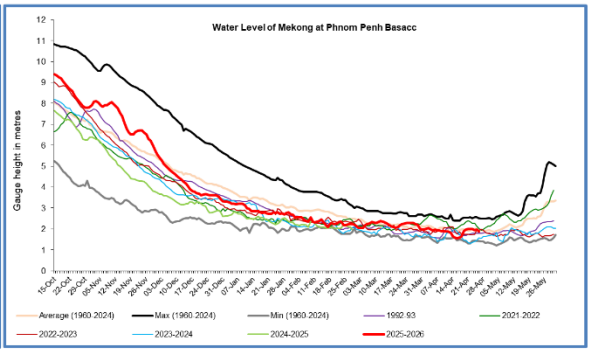

Water Level of Mekong at Khong Chiam
Gauge height in metres
Average (1966-2025)
Max (1966-2025)
Min (1966-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

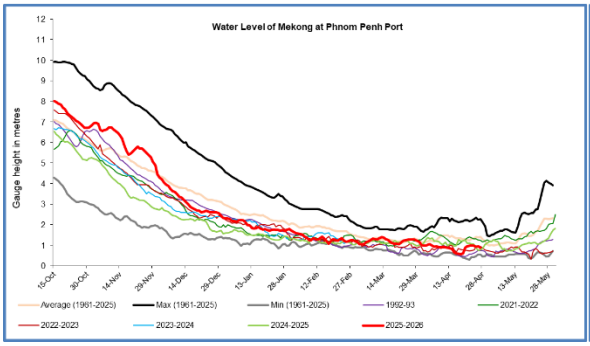

Water Level of Mekong at Pakse
Gauge height in metres
Average (1961-2025)
Max (1961-2025)
Min (1961-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

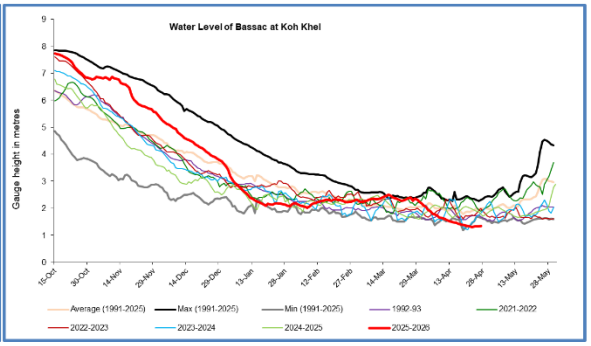

Water Level of Mekong at Stung Treng
Gauge height in metres
Average (1965-2024)
Max (1965-2024)
Min (1965-2024)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

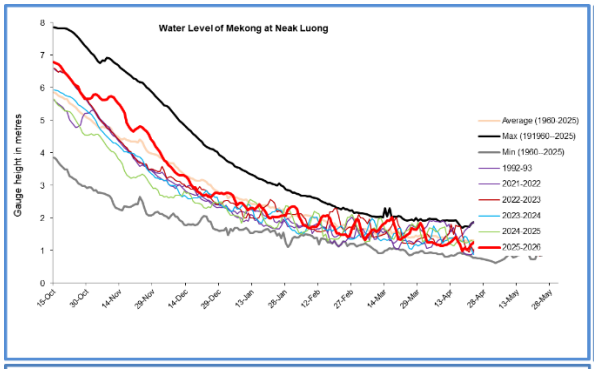

Water Level of Mekong at Kratie
Gauge height in metres
Average (1961-2025)
Max (1961-2025)
Min (1961-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

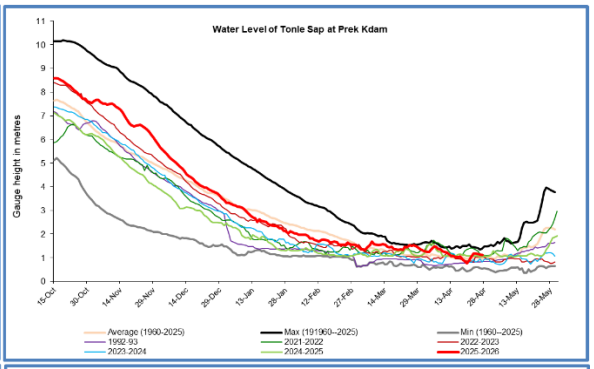

Water Level of Mekong at Kampong Cham
Gauge height in metres
Average (1961-2024)
Max (1961-2024)
Min (1961-2024)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

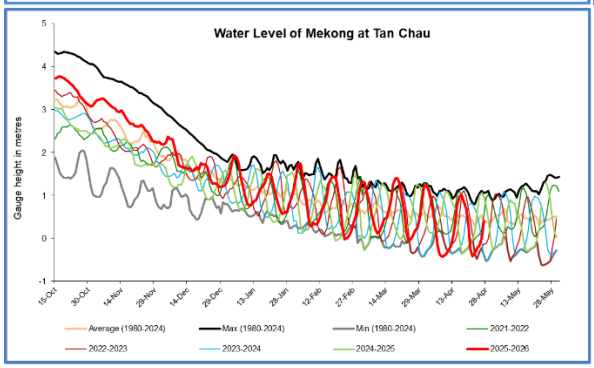

Water Level of Mekong at Phnom Penh Basacc
Gauge height in metres
Average (1960-2024)
Max (1960-2024)
Min (1960-2024)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

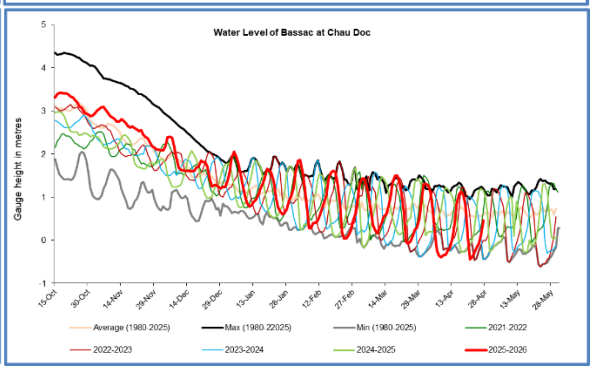

Water Level of Mekong at Phnom Penh Port
Gauge height in metres
Average (1961-2025)
Max (1961-2025)
Min (1961-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026


Water Level of Bassac at Koh Khel
Gauge height in metres
Average (1991-2025)
Max (1991-2025)
Min (1991-2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026


Water Level of Mekong at Neak Luong
Gauge height in metres
Average (1980-2025)
Max (191980--2025)
Min (1980--2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026


Water Level of Tonle Sap at Prek Kdam
Gauge height in metres
Average (1960-2025)
Max (191960--2025)
Min (1960--2025)
1992-93
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026


Water Level of Mekong at Tan Chau
Gauge height in metres
Average (1980-2024)
Max (1980-2024)
Min (1980-2024)
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026


Water Level of Bassac at Chau Doc
Gauge height in metres
Average (1980-2025)
Max (1980-22025)
Min (1980-2025)
2021-2022
2022-2023
2023-2024
2024-2025
2025-2026

Annex B: Tables for weekly updated water levels and rainfall at the Key Stations

Table A1: Weekly observed water levels

2026	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
#######	536.25	2.80	8.80	2.80	2.02	1.13	2.66	1.62	3.12	2.14	0.58	2.55	1.44	2.90	7.69	2.98	1.97	0.96	1.34	1.06	0.88	-0.26	-0.44
#######	536.12	3.11	8.86	4.13	2.01	1.12	2.66	1.60	3.13	2.06	0.57	2.53	1.45	2.88	7.71	2.98	1.99	0.98	1.32	1.18	1.03	-0.42	-0.40
#######	536.41	2.85	8.94	4.23	2.01	1.10	2.64	1.62	3.01	2.14	0.59	2.51	1.42	2.90	7.64	2.90	2.00	0.99	1.30	1.24	1.17	-0.34	-0.30
#######	536.60	2.45	9.16	4.59	2.05	1.08	2.75	1.64	3.02	2.15	0.61	2.51	1.42	2.89	7.66	2.80	1.99	0.98	1.32	1.26	1.17	-0.23	-0.17
#######	536.60	2.45	9.32	5.20	2.22	1.25	2.76	1.73	3.07	2.25	0.70	2.54	1.42	2.94	7.70	2.70	1.94	0.94	1.32	1.28	1.15	-0.18	-0.09
#######	536.72	2.56	9.10	5.35	2.26	1.64	2.68	1.73	3.04	2.29	0.73	2.59	1.48	2.97	7.80	2.76	1.96	0.95	1.33	1.38	1.14	0.02	0.11
#######	536.58	2.55	8.80	5.52	2.29	1.96	2.78	1.67	3.05	2.25	0.70	2.64	1.52	2.95	7.84	2.72	1.87	0.88	1.34	1.56	1.12	0.40	0.45
Flood level		12.80	18.00	16.00	12.50	12.00	14.50	12.50	14.00	12.50	13.00	14.50	12.00	12.00	23.00	16.20	12.00	11.00	7.90	8.00	10.00	4.50	4.00

Table A2: Weekly observed rainfall

2026	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
21/04/2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22/04/2026	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23/04/2026	0	7.1	1.2	0	0	0	0	31	18.7	0	0	0	0	0	0	0	0	0	0	0	1.1	0	0
24/04/2026	0	1.9	0	5.4	5	0	35	30.5	37.4	4	3	0	0	0	0	0	0	0	0	0	0	0	0
25/04/2026	0	0	0	0	16.2	0	0	77	87.6	56.2	60	0	0	0	49	0	0	0	0	0	0	0	0
26/04/2026	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0
27/04/2026	0	0	0	1.5	3	2.8	3	0	0	0	0	6	6	0	0	12	0	0	0	0	0	0	0
Sum	0.0	9.0	1.2	6.9	24.2	2.8	38.0	138.7	143.7	60.2	63.0	6.0	6.0	5.0	49.0	12.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0

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