



**Mekong River Commission**

**Weekly Dry Season Situation Report in  
the Lower Mekong River Basin  
03 – 10 November 2025**

Prepared by  
The Regional Flood and Drought Management Centre  
11 November 2025

*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.*

**Copyright © Mekong River Commission, 2025**

First published (2020)

Some rights reserved.

This work is the product of the Mekong River Commission Secretariat. While all efforts are made to present accurate information, the Secretariat does not guarantee the accuracy of the data included in this work. The boundaries, colours, denomination, and other information shown on any map in this work do not imply any judgement on the part of the MRC concerning the legal status of any territory or the endorsement or acceptance of such boundaries.

Nothing herein shall constitute or be considered to be a limitation upon or waiver of the privileges and immunities of the MRC, all of which are specifically reserved.

This publication may be reproduced in whole or in part and in any form for educational or non-profit purposes without special permission from the copyright holder, provided acknowledgement of the source is made and notification is sent to the MRC. The MRC would appreciate receiving a copy of any publication that uses this publication as a source. This publication cannot be used for sale or for any other commercial purpose whatsoever without permission in writing from the MRC.

**Title:** Weekly dry season situation report in the Lower Mekong River Basin for 03 – 10 November 2025.

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. (2025). *Weekly dry season situation report in the Lower Mekong River Basin for 03 – 10 November 2025*. Vientiane: MRC Secretariat.

Information on MRC publications and digital products can be found at  
<http://www.mrcmekong.org/publications/>

**All queries on rights and licenses should be addressed to:**

Mekong River Commission

Documentation and Learning Centre

184 Fa Ngoum Road, Unit 18, Ban Sithane Neua, Sikhottabong District, Vientiane 01000, Lao PDR

Telephone: +856-21 263 263 | E-mail: [mrcs@mrcmekong.org](mailto:mrcs@mrcmekong.org) | [www.mrcmekong.org](http://www.mrcmekong.org)

# Content

- Content ..... 22**
- List of Figures..... 23**
- List of Tables..... 24**
- Key Messages ..... 25**
- 1 Introduction ..... 26**
- 2 General Weather Patterns ..... 27**
- 3. Rainfall and Water Level Monitoring ..... 28**
  - 3.1. Rainfall monitoring ..... 28**
  - 3.2. Water level monitoring ..... 30**
- 4. Flash Flood in the Lower Mekong Basin ..... 34**
- 5. Drought Monitoring in the Lower Mekong Basin..... 35**
  - 5.2. Weekly drought monitoring from 04 – 10 November 2025..... 35**
- 6 Weather and Water Level Forecast and Flash Flood information ..... 38**
  - 6.1 Rainfall forecast..... 38**
  - 6.2 Water level forecast ..... 40**
  - 6.3 Flash Flood Information..... 42**
  - 6.4 Drought forecast..... 42**
- 7 Summary and Possible Implications ..... 42**
  - 7.1. Rainfall and its forecast..... 42**
  - 7.2. Water level and its forecast..... 43**
  - 7.3. Flash flood and its trends..... 43**
  - 7.4. Drought condition and its forecast..... 43**
- Annex A: Weekly water level monitoring at 22 key stations..... 44**
- Annex B: Tables for weekly updated water levels and rainfall at the Key Stations..... 25**

## List of Figures

<b>Figure 1: Weather conditions over the LMB.....</b>	<b>27</b>
<b>Figure 2: Outlook of wet and dry conditions over the Asian countries by ASMC.....</b>	<b>28</b>
<b>Figure 3: One tropical storm risk observed on 10 November 2025.....</b>	<b>28</b>
<b>Figure 4: Weekly rainfall distribution over the LMB during 04 – 11 November 2025 .....</b>	<b>29</b>
<b>Figure 5: The key stations along LMB for river flood forecasting .....</b>	<b>31</b>
<b>Figure 6. Water level at the Jinghong hydrological station up to 10 November 2025. ....</b>	<b>32</b>
<b>Figure 7: Seasonal change of inflows and outflows of Tonle Sap Lake. ....</b>	<b>33</b>
<b>Figure 8. The seasonal change in monthly flow volume of Tonle Sap Lake. ....</b>	<b>33</b>
<b>Figure 9: Weekly standardized precipitation index from 04 – 11 November. ....</b>	<b>36</b>
<b>Figure 10: Weekly Index of Soil Water Fraction from 04 - 11 November. ....</b>	<b>37</b>
<b>Figure 11: Weekly Combined Drought Index from 04 - 10 November. ....</b>	<b>38</b>
<b>Figure 12: Accumulated rainfall forecast from CHIRP-GFS (11 - 17 November 2025) .....</b>	<b>39</b>
<b>Figure 13. Weekly forecasts of SPI and CDI from 11 – 17 November.....</b>	<b>42</b>

# List of Tables

**Table 1. The monthly change in the flow volume of Tonle Sap Lake. .... 34**

**Table 2. Weekly River Monitoring Bulletin. .... 41**

# Key Messages

**Key messages for this weekly report are presented below.**

## **Rainfall monitoring and forecast**

- In the period of 03 - 10 November 2025, there has been moderate to heavy rainfall has been observed over the LMB including in the central and southern parts of Lao PDR, the eastern part of Cambodia, the 3S basin, and the Mekong delta.
- During 11 – 17 November 2025, the accumulated rainfall over the entire Lower Mekong Basin is distributed with light to moderate rain.

## **Water level monitoring and forecast**

- At 22 key monitoring stations along the Mekong mainstream from 03 – 10 November 2025, water levels are below the long-term averages (LTAs) except for water level at Nongkhai and Paksane stations. 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 11 – 17 November 2025, the water levels from Chaing Saen and Luang Prabang are expected to decrease, while from Chaing Khan to Paksane, they are expected to increase. From Nakhon Phanom, water levels are expected to drop. At Tan Chau and Chau Doc stations, the water levels are predicted to be also fluctuated, resulting from the influence of sea tidal patterns. Water levels at all stations are expected to continue being above their long-term averages (LTAs).

## **Drought condition and forecast**

- During 04 – 11 November 2025, the LMB is experiencing normal conditions, no drought over the region. The monitored drought is caused primarily by meteorological indicator and combined drought indicator.
- During 11 - 17 November 2025, the LMB is likely at normal conditions. No drought is forecasted for next week for the whole region.

# 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 **03 – 10 November 2025**. 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>



from 10 to 23 November 2025 in Southeast Asia based on results from the NCEP model (National Centres for Environmental Prediction).

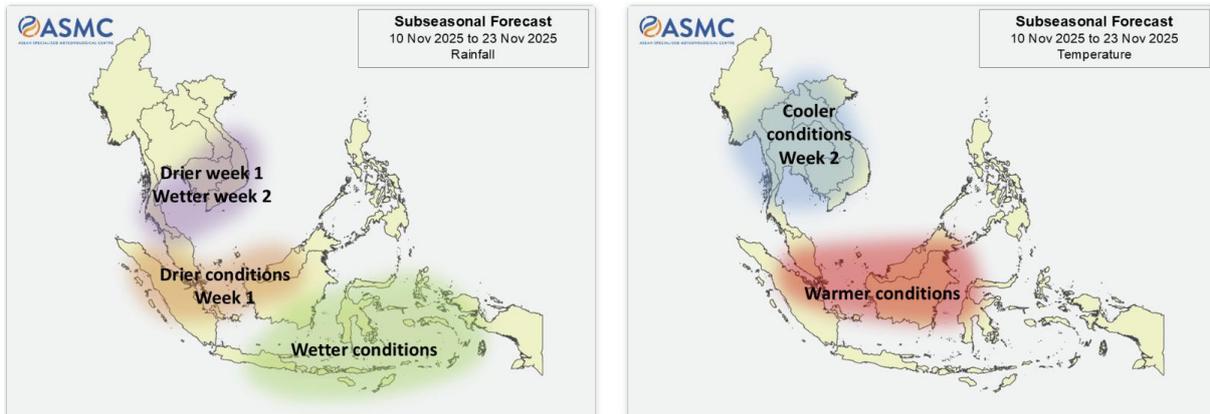


Figure 2: Outlook of wet and dry conditions over the Asian countries by ASMC.

Based on the JMA tropical storm (TS) information ([https://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/RSMC\\_HP.htm](https://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/RSMC_HP.htm)), there is one active NW pacific system as of 10 November 2025 as displayed in Figure 3. However, this tropical storm may not significantly affect the LMB.

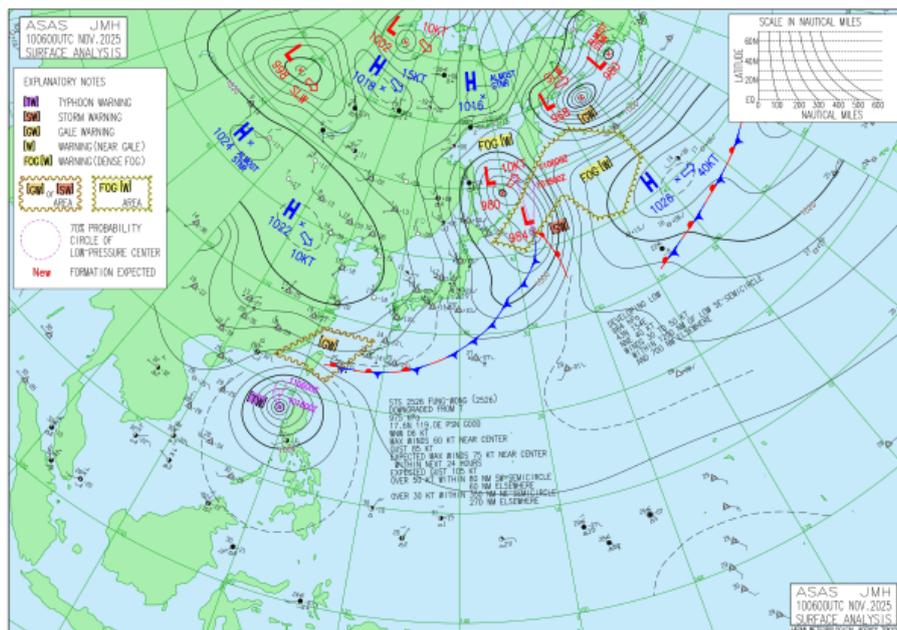


Figure 3: One tropical storm risk observed on 10 November 2025

### 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 04 – 11 November 2025 (Figure 4). The moderate to heavy rainfall has been only observed over the LMB including the central and southern part of Lao PDR, the 3S basin, the eastern part of Cambodia, and the Mekong delta.

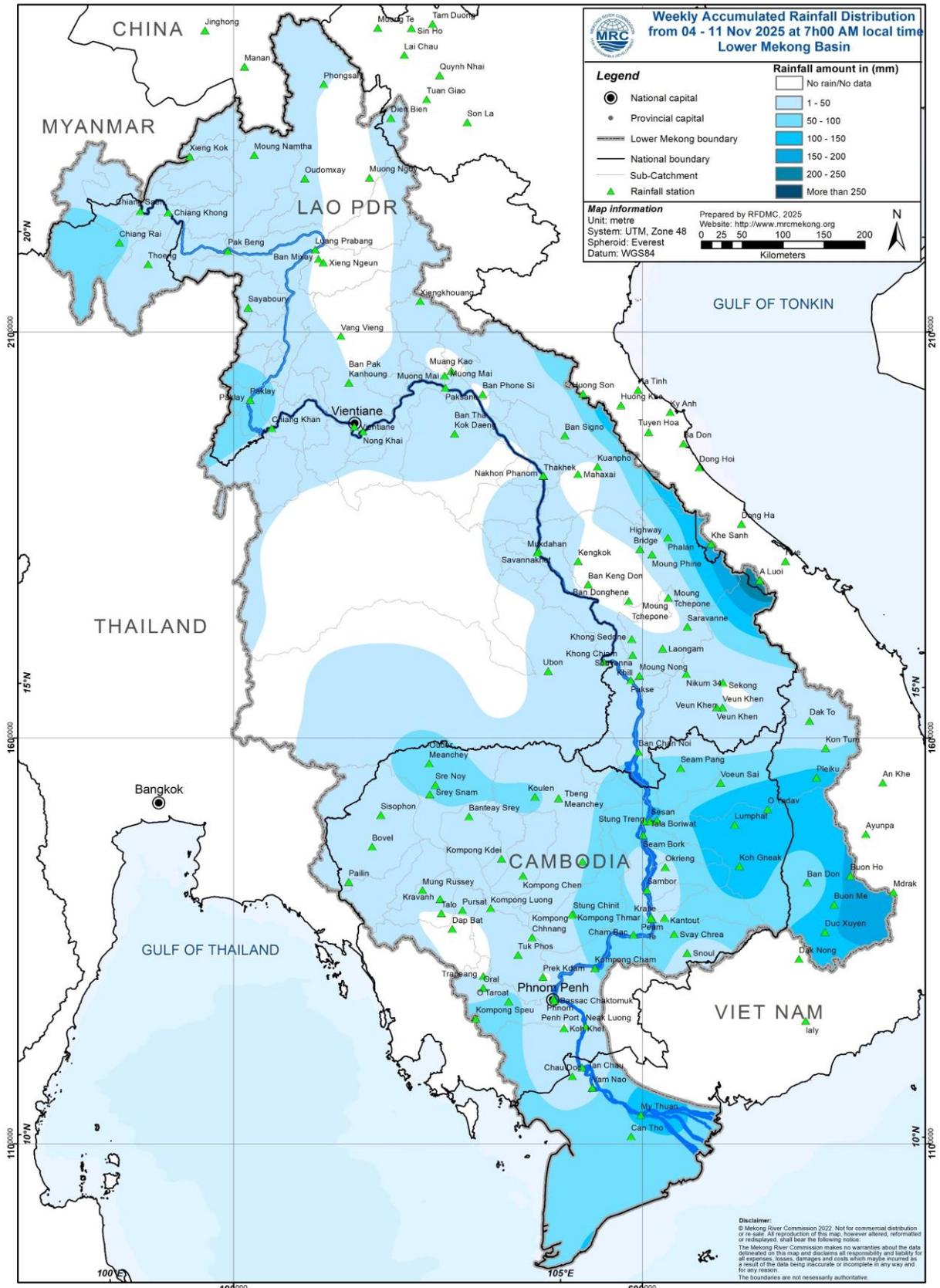


Figure 4: Weekly rainfall distribution over the LMB during 04 – 11 November 2025

## 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 03 – 10 November 2025, the observed water level (WL) at Jinghong hydrological station<sup>1</sup>, was almost constant and ranges between 536.94 m and 537.96 m, which are corresponding to the outflow between 1,450.00 m<sup>3</sup>/s to 1,930.00 m<sup>3</sup>/s (recorded on 7:00 am), respectively (**Figure 6**). The water level in Chiang Saen Station also indicated a slight fluctuation ranging from 4.52 m to 4.42 m. At the same period, the water level in Luang Prabang station also slightly increased with an approximate value of 0.28 m from 10.56 m to 10.84 m as compared to the previous week.

During the same period, the water levels observed at upper parts of the basin at Chiang Khan, Vientiane and Nongkhai have been stable as compared to the previous week. However, from Paksane to Pakse stations, the water levels have been decreasing. At Paksane, Nakhon Phanom, Thakhek, Mukdahan, Savannakhet, Khong Chiam, and Pakse station, the water levels have decreased from 6.12 m to 5.81 m, 4.74 m to 4.56 m, 6.07 m to 5.90 m, 5.00 m to 4.83 m, 3.45 m to 3.29 m, 7.09 m to 6.64 m, and 5.48 m to 4.96 m, respectively.

Moving down to the floodplain area at Stung Treng, Kratie, and Kampong Cham stations, water levels have been stable. At Phnom Penh (Bassac), Phnom Penh Port, Koh Khel, and Prek Kdam, water levels have also decreased from 8.14 m to 8.05 m, 6.96 m to 6.73 m, 6.86 m to 6.86 m, 5.80 m to 5.74 m, and 7.67 m to 7.51 m, respectively.

Similar to the previous week, the water levels from 03 to 10 November 2025 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 3.22 m and 3.05 m, while at the Chau Doc station, they ranged from 3.01 m and 2.84 m.

---

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

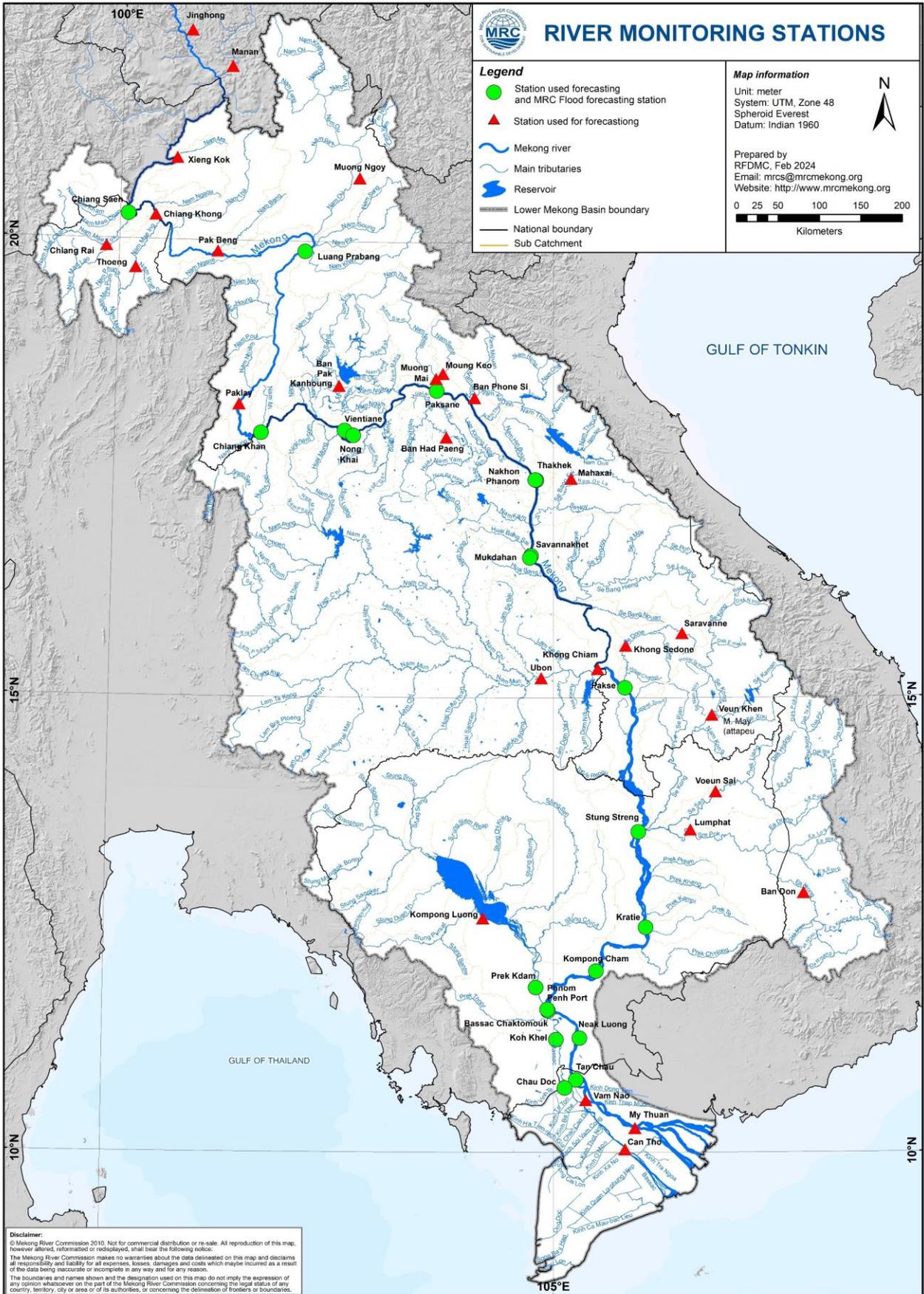
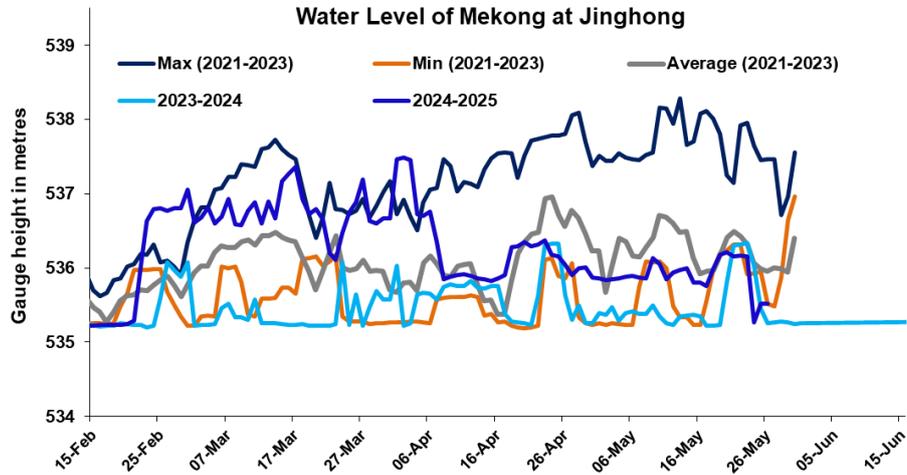


Figure 5: The key stations along LMB for river flood forecasting

The water levels in key monitoring stations on 10 November 2025 are below their long-term averages (LTAs) except for the Luang Prabang station. 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 10 November 2025.**

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:

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

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 10 November 2025, 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 10 November 2025 for the TSL compared with that in 2020, 2021, 2022, 2023, 2024 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

October 2025 is higher than its LTA (about 105.02 %), and all recent years (2019 to 2024) during the same period (Figure 8 and Table 1).

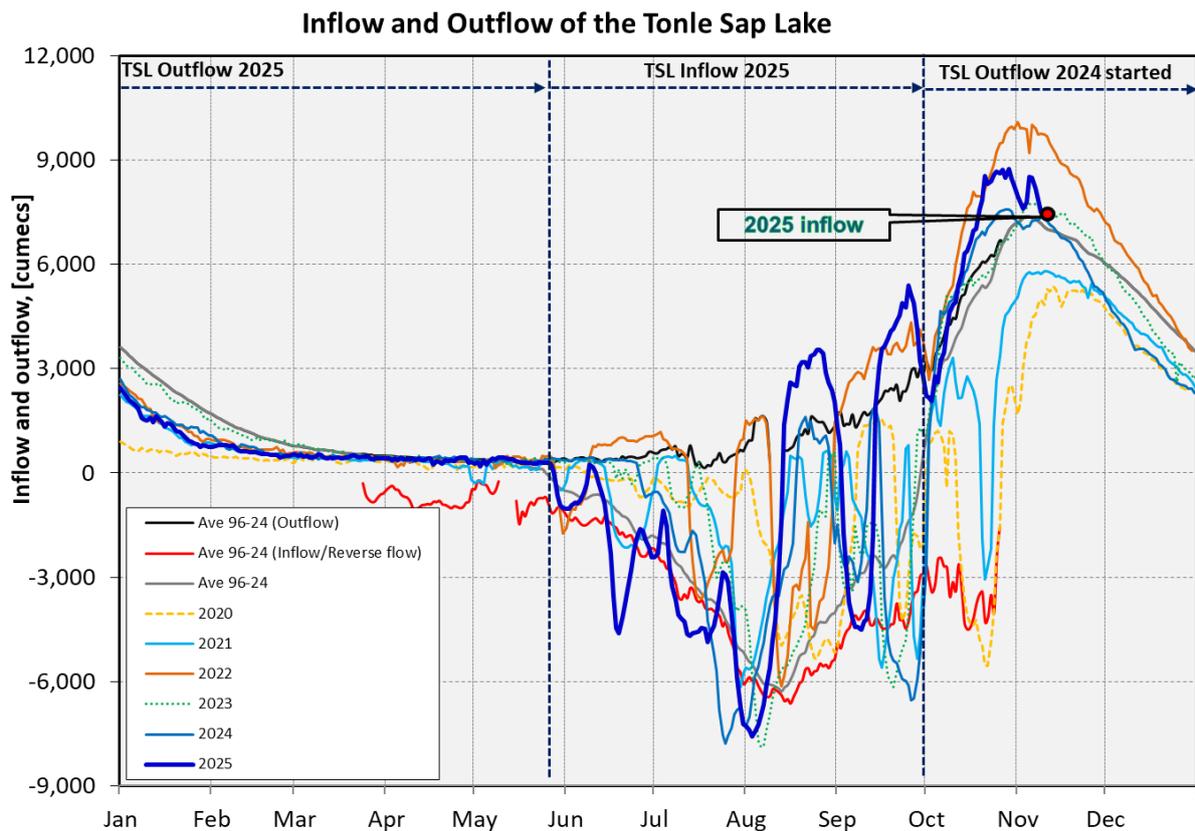


Figure 7: Seasonal change of inflows and outflows of Tonle Sap Lake.

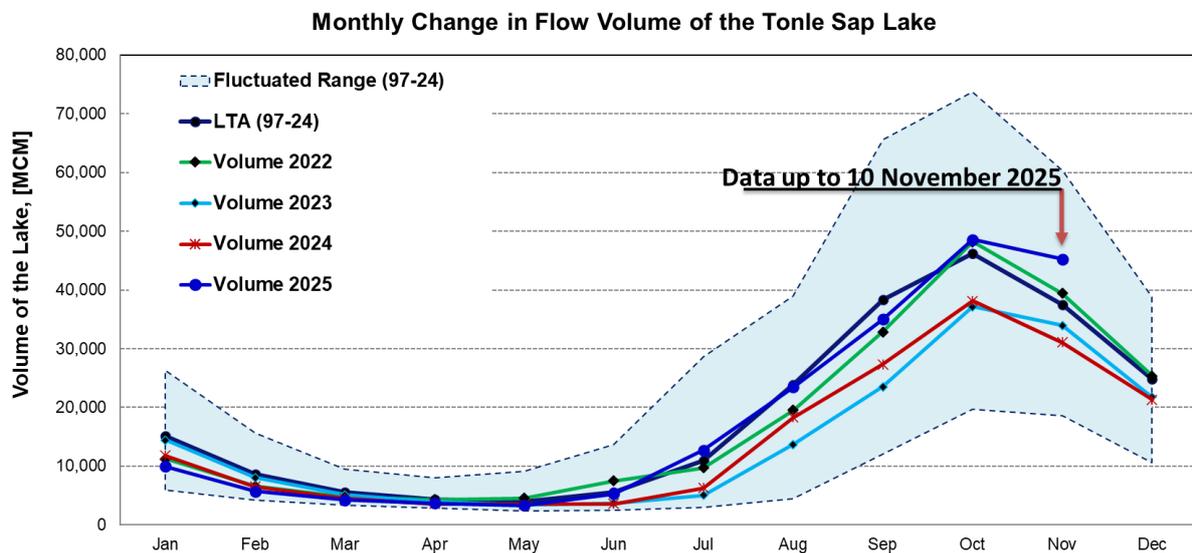


Figure 8. The seasonal change in monthly flow volume of Tonle Sap Lake.

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

Month	LTA (97-24) [MCM]	Max Volume [MCM]	Min Volume [MCM]	Volume 2019 [MCM]	Volume 2020 [MCM]	Volume 2021 [MCM]	Volume 2022 [MCM]	Volume 2023 [MCM]	Volume 2024 [MCM]	Volume 2025 [MCM]	Volume in 2025 [%], compared with its LTA
Jan	15197.93	26357.53	5906.80	13080.39	10285.31	5906.80	9923.80	11214.32	14422.11	10341.91	68.05
Feb	8644.19	15596.22	4198.60	7302.32	6019.30	4264.19	5832.97	6558.79	8069.29	5690.52	65.83
Mar	5564.35	9438.24	3347.07	4852.74	4354.62	3553.99	4264.88	4736.52	5080.64	4256.33	76.49
Apr	4300.28	8009.14	2866.91	4282.78	3667.47	2992.61	3556.68	4288.31	3884.16	3697.92	85.99
May	4009.61	9176.93	2417.81	4356.44	3266.43	2594.92	3240.78	4556.83	3438.66	3322.45	82.86
Jun	5624.02	13635.01	2468.70	8465.20	3517.06	2641.88	3798.29	7489.04	3689.97	5278.20	93.85
Jul	11012.31	28599.56	2925.86	14964.58	4001.99	2925.86	5346.73	9703.79	5062.21	12706.40	115.38
Aug	23865.05	39015.12	4433.46	23407.37	7622.71	5941.07	10547.80	19554.70	13694.57	23464.06	98.32
Sep	38377.57	65632.35	12105.31	39654.01	24194.19	12105.31	16382.34	32860.34	23550.60	35010.86	91.23
Oct	46261.30	73757.23	19705.50	41847.54	30358.38	20799.13	27318.21	48199.12	37141.40	48583.60	105.02
Nov	37500.63	60367.33	18534.61	33663.58	19112.65	27546.80	28982.93	39452.53	33929.52	45246.90	120.66
Dec	24795.31	38888.95	10563.49	23079.82	10577.29	18251.65	20170.76	25346.65	21757.70		
	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 <sup>3</sup> )											

**Remarks:** the volume of Tonle Sap Lake in 2025 is updated until 10 November 2025.

## 4. Flash Flood in the Lower Mekong Basin

During the weekly monitoring period from 04 - 11 November, the LMB received moderate to heavy rain and thunderstorms in some areas.

According to the MRC-Flash Flood Guidance System (MRC-FFGS) and analysis, flash flood events detected with low to high level in some areas in Cambodia and Viet Nam on 07 November.

FLASH FLOOD GUIDANCE IN CAMBODIA – 07 NOVEMBER								
In the next 1hrs			In the next 3hrs			In the next 6hrs		
Provinces	Districts	Level	Provinces	Districts	Level	Provinces	Districts	Level
Kampong Cham	Stueng Trang	High	Kampong Cham	Stueng Trang	High	Kampong Cham	Stueng Trang	High
Kratie	Preaek Prasab	Moderate	Mondul Kiri	Kaoh Nheak	Moderate	Mondul Kiri	Kaoh Nheak	Moderate
Mondul Kiri	Kaoh Nheak	Moderate	Mondul Kiri	Ou Reang	Moderate	Mondul Kiri	Ou Reang	Moderate
Mondul Kiri	Ou Reang	Moderate	Mondul Kiri	Pechr Chenda	High	Mondul Kiri	Pechr Chenda	High
Mondul Kiri	Pechr Chenda	High	Ratana Kiri	Andoung Meas	Moderate	Ratana Kiri	Andoung Meas	Moderate
Ratana Kiri	Andoung Meas	High	Ratana Kiri	Koun Mom	Moderate	Ratana Kiri	Koun Mom	Moderate
Ratana Kiri	Koun Mom	High	Ratana Kiri	Ta Veang	High	Ratana Kiri	Ta Veang	High
Ratana Kiri	Ou Chum	Moderate	Ratana Kiri	Veun Sai	Moderate	Ratana Kiri	Veun Sai	Moderate
Ratana Kiri	Ta Veang	High	Stung Treng	Sesan	Moderate	Stung Treng	Sesan	Moderate
Ratana Kiri	Veun Sai	Moderate						
Stung Treng	Sesan	Moderate						

FLASH FLOOD GUIDANCE IN CAMBODIA – 07 NOVEMBER								
In the next 1hrs			In the next 3hrs			In the next 6hrs		
Provinces	Districts	Level	Provinces	Districts	Level	Provinces	Districts	Level
Stung Treng	Siem Pang	Moderate						

FLASH FLOOD GUIDANCE IN VIET NAM - 07 NOVEMBER								
In the next 1hrs			In the next 3hrs			In the next 6hrs		
Provinces	Districts	Level	Provinces	Districts	Level	Provinces	Districts	Level
Dak Lak	Buon Don	Moderate	Dak Lak	Dak Nong	Moderate	Dak Lak	Dak Nong	Moderate
Dak Lak	Cu Jut	Moderate	Dak Lak	TX. Buon Ma Thuot	Moderate	Dak Lak	TX. Buon Ma Thuot	Moderate
Dak Lak	Cu M'Gar	Moderate	Gia Lai	Duc Co	High	Gia Lai	Duc Co	High
Dak Lak	Dak Mil	Moderate	Gia Lai	Ia Grai	Moderate	Gia Lai	Ia Grai	Moderate
Dak Lak	Dak Nong	Moderate	Gia Lai	Mang Yang	Moderate	Gia Lai	Mang Yang	High
Dak Lak	M'Drak	Moderate	Gia Lai	TX. PleiKu	Moderate	Gia Lai	TX. PleiKu	Moderate
Dak Lak	TX. Buon Ma Thuot	Moderate						
Gia Lai	Chu Se	Moderate						
Gia Lai	Duc Co	High						
Gia Lai	Ia Grai	Moderate						
Gia Lai	Mang Yang	High						
Gia Lai	TX. PleiKu	High						
Kon Tum	Dak Glei	Moderate						
Kon Tum	Ngoc Hoi	Moderate						

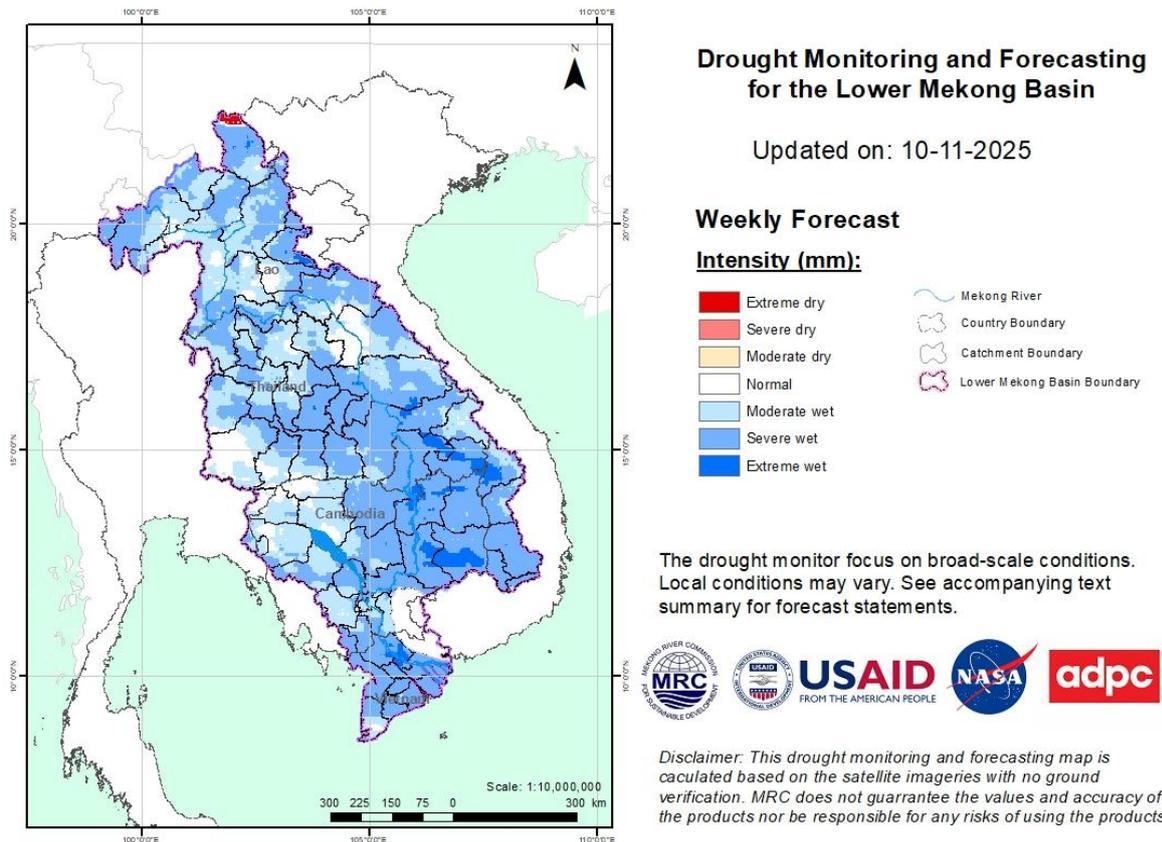
## 5. Drought Monitoring in the Lower Mekong Basin

### 5.2. Weekly drought monitoring from 04 – 10 November 2025

Drought monitoring data for 2025 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)**

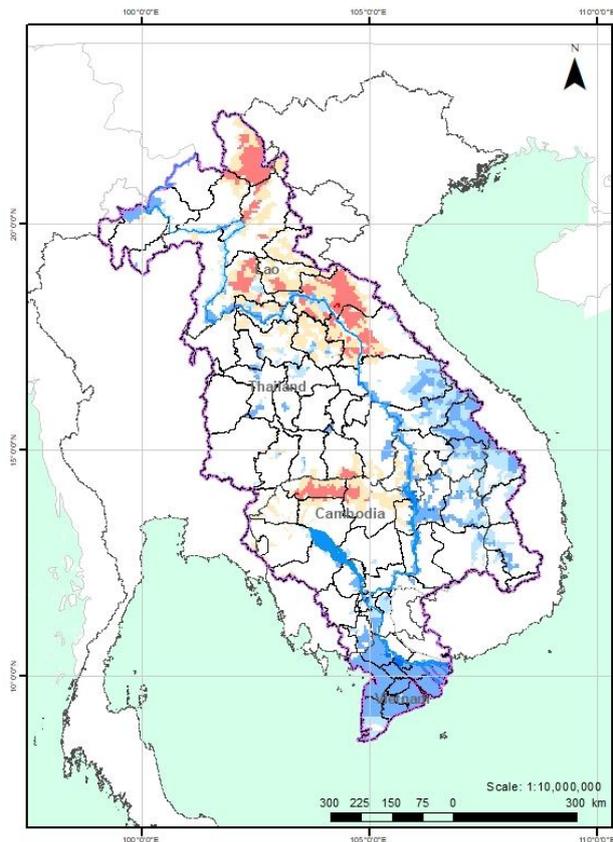
Meteorological indicator shows that from 04 - 10 November 2025, as shown in **Figure 9**, the LMB was facing normal conditions, except some areas in the western part of Mekong Delta.



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

Soil moisture conditions from 04 - 10 November 2025, as displayed in **Figure 10**, the LMB was facing normal conditions, except some areas in the upper and central part of Lao PDR and the northern part of Cambodia.

**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.



## Drought Monitoring and Forecasting for the Lower Mekong Basin

Updated on: 10-11-2025

### Weekly Forecast

#### Intensity (mm):



The drought monitor focus on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

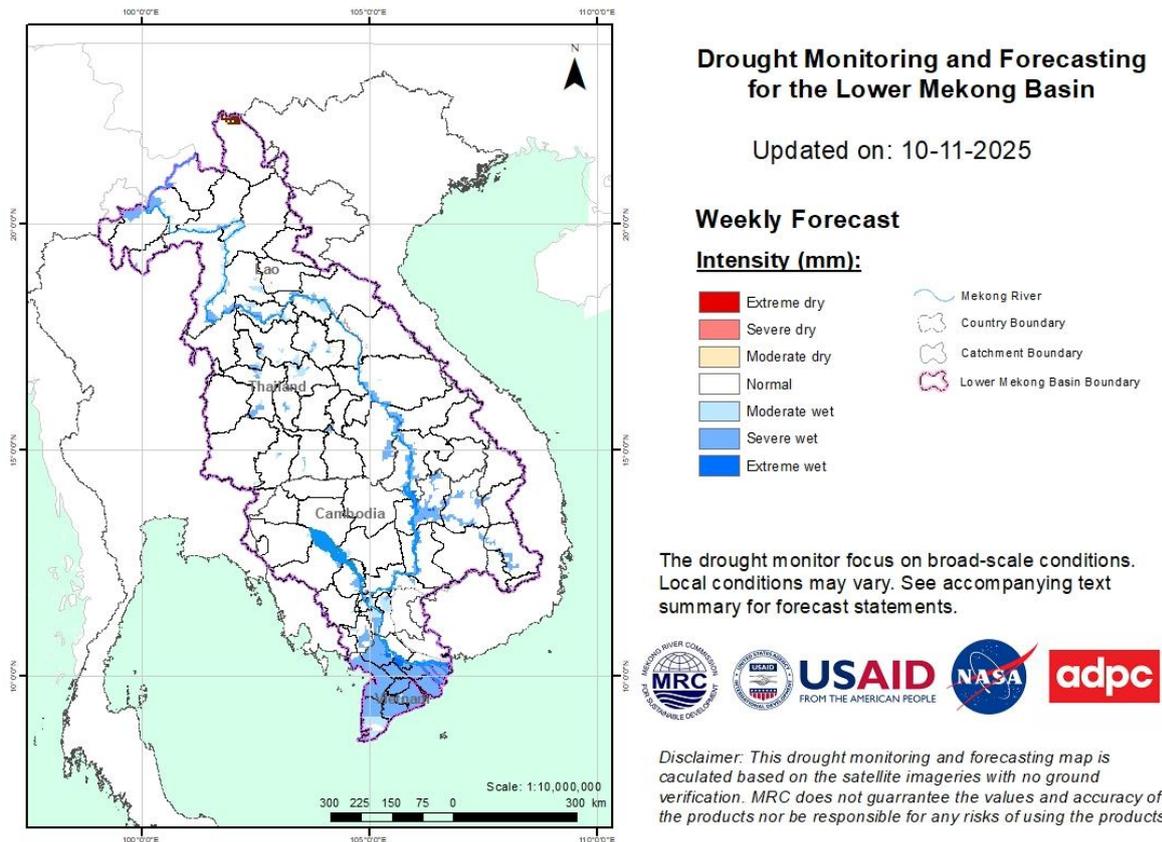


*Disclaimer: This drought monitoring and forecasting map is calculated based on the satellite imageries with no ground verification. MRC does not guarantee the values and accuracy of the products nor be responsible for any risks of using the products.*

**Figure 10: Weekly Index of Soil Water Fraction from 04 - 11 November.**

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

The combined drought indicator, **Figure 11**, shows that no drought over the LMB.



**Figure 11: Weekly Combined Drought Index from 04 - 10 November.**

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 11 - 17 November 2025, the accumulated rainfall over the entire Lower Mekong Basin is distributed with light to moderate rain based on CHIRPS-GFS (**Figure 12**).

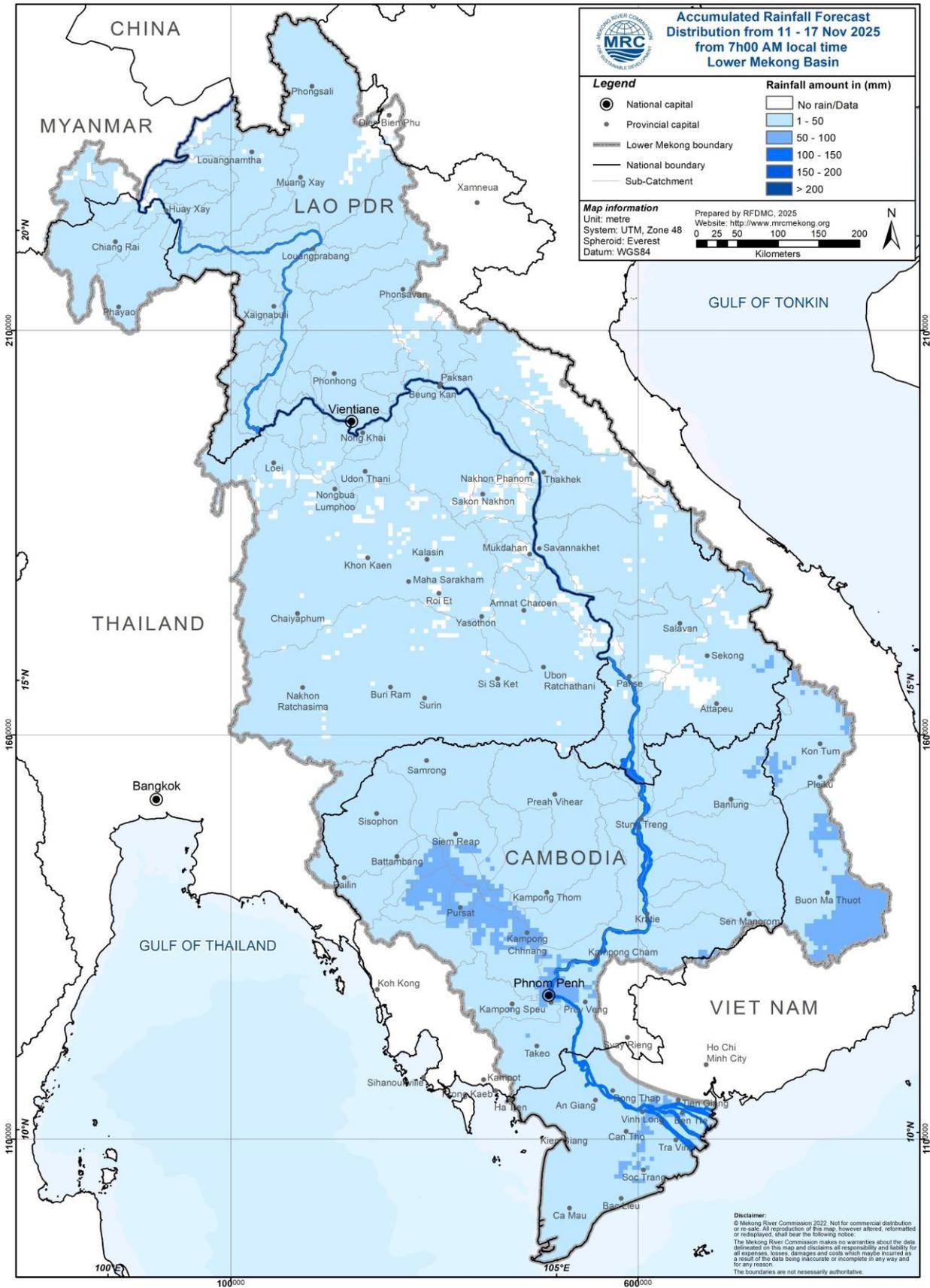


Figure 12: Accumulated rainfall forecast from CHIRP-GFS (11 - 17 November 2025)

## 6.2 Water level forecast

In Chiang Saen monitoring station, the water level is expected to be fluctuated over the forecasting period of 11 – 17 November 2025. However, it will slightly increase from 4.42 m to 4.28 m. The water level in Luang Prabang stations affected by backwater is likely slightly decreasing from 10.84 m to 10.66 m.

Along the Mekong mainstream, the water levels at upper stretch at Chiang Khan, Vientiane, Nongkhai, and Paksane stations, water levels will slightly rise of approximately 0.20 m, 0.34 m, 0.27 m, and 0.00 m, respectively. Moreover, water levels from Nakhon Phanom downward are expected to drop. At Nakhon Phanom, Thakhek, Mukdahan, Savannakhet, Khong Chiam, and Pakse, the water levels are likely dropping -0.22 m, -0.23 m, -0.14 m, -0.15 m, -0.26 m, and -0.34 m, respectively.

Moving down at Stung Streng, Kratie, Kompong Cham, Phnom Penh Port, Phnom Penh (Bassac), Phnom Penh Port, Koh Khel, Neak Luong, and Prek Kdam stations, water levels will slightly drop of approximately -0.19 m, -0.80 m, -0.82 m, -0.45 m, -0.47 m, -0.30 m, -0.35 m, and -0.45 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 from 3.05 m to 2.81 m and 2.84 m to 2.67 m, respectively, following daily tidal effects from the sea.

The water levels at key stations are forecasted to be above their LTAs from 11 to 17 November 2025.

The weekly River Monitoring Bulletin and forecasting issued on 10 November 2025 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.**

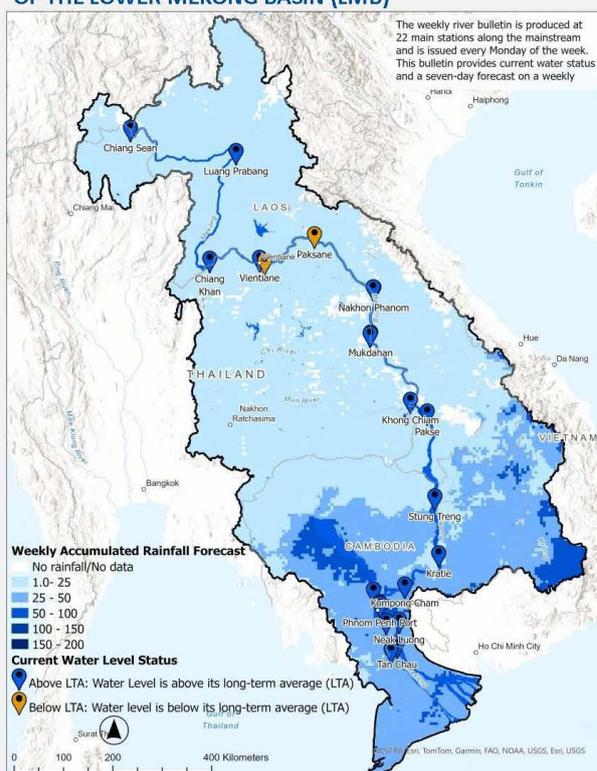


# MEKONG RIVER MONITORING AND FORECASTING BULLETIN

Monitoring on 10 November 2025 and weekly forecasting from 11 to 17 November 2025

**Highlights:** Today's water levels at all stations are above their LTA except for Nongkhai and Paksane. Water levels from (Chiang Khan to Pakane) are expected to slightly rise, others are expected to drop. Water levels at all stations are expected to be above their LTAs.

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



### NOTES

- Today's water levels are in normal conditions. However, at **Nongkhai and Paksane, they are below their long-term averages (LTAs).**
- 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, the 3S basin, Cambodia, and the Mekong Delta.**
- In the next 7 days, Water levels are forecasted to be slightly increasing for stations at the **upper stretch of the Mekong mainstream (Chiang Khan to Paksane).** However, at other stations, water levels are **expected to drop.** Moreover, water levels at **all stations** are expected to be **above their LTAs.**

## CURRENT WATER LEVEL STATUS

Monitoring Station	Rainfall (mm)	Zero gauge amsl (m)	Water level againts zero gauge (m)		Current Status	Flow Threshold (PMFM*6A)
	09-Nov		09-Nov	10-Nov		
Jinghong	12.0	-	537.22	537.96		
Chiang Saen	10.5	357.110	4.25	4.42	Above LTA	-
Luang Prabang**	0.0	267.195	10.66	10.84	Above LTA	-
Chiang Khan	0.0	194.118	8.06	8.22	Above LTA	-
Vientiane	0.0	158.040	5.97	5.93	Above LTA	-
Nongkhai	0.6	153.648	4.98	4.96	Below LTA	-
Paksane	0.0	142.125	6.08	5.81	Below LTA	-
Nakhon Phanom	0.0	130.961	4.69	4.56	Above LTA	-
Thakhek	0.0	129.629	6.03	5.90	Above LTA	-
Mukdahan	0.0	124.219	4.82	4.83	Above LTA	-
Savannakhet	0.0	125.410	3.27	3.29	Above LTA	-
Khong Chiam	5.5	89.030	6.58	6.64	Above LTA	-
Pakse	2.2	86.490	4.96	4.96	Above LTA	-
Stung Treng	0.0	36.790	6.83	6.57	Above LTA	-
Kratie	1.0	-1.080	16.36	16.18	Above LTA	-
Kompong Cham	0.0	-0.930	10.53	10.59	Above LTA	-
Phnom Penh (Bassac)	0.0	-1.020	7.98	8.05	Above LTA	-
Phnom Penh Port	0.0	0.000	6.72	6.73	Above LTA	-
Koh Khel	0.0	-1.000	6.75	6.86	Above LTA	-
Neak Luong	17.6	-0.330	5.72	5.74	Above LTA	-
Prek Kdam	0.0	0.080	7.49	7.51	Above LTA	-
Tan Chau	12.3	0.000	3.08	3.05	Above LTA	-
Chau Doc	7.0	0.000	2.87	2.84	Above 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
	11-Nov	12-Nov	13-Nov	14-Nov	15-Nov	16-Nov	17-Nov		
Jinghong	-	-	-	-	-	-	-		
Chiang Saen	4.47	4.31	4.19	4.18	4.24	4.28	4.28	Above LTA	Decreasing
Luang Prabang	10.77	10.86	10.91	10.77	10.64	10.62	10.66	Above LTA	Decreasing
Chiang Khan	8.41	8.60	8.51	8.68	8.68	8.51	8.42	Above LTA	Increasing
Vientiane	5.96	6.15	6.27	6.26	6.42	6.38	6.27	Above LTA	Increasing
Nongkhai	4.92	5.07	5.24	5.16	5.32	5.30	5.23	Above LTA	Increasing
Paksane	5.44	5.39	5.57	5.72	5.68	5.84	5.81	Above LTA	Stable
Nakhon Phanom	4.25	4.11	4.11	4.22	4.26	4.26	4.34	Above LTA	Decreasing
Thakhek	5.59	5.43	5.44	5.55	5.58	5.59	5.67	Above LTA	Decreasing
Mukdahan	4.74	4.52	4.48	4.56	4.64	4.62	4.69	Above LTA	Decreasing
Savannakhet	3.19	2.97	2.92	3.00	3.09	3.07	3.14	Above LTA	Decreasing
Khong Chiam	6.65	6.53	6.36	6.32	6.38	6.42	6.38	Above LTA	Decreasing
Pakse	4.89	4.80	4.60	4.55	4.59	4.65	4.62	Above LTA	Decreasing
Stung Treng	6.57	6.54	6.48	6.39	6.35	6.36	6.38	Above LTA	Decreasing
Kratie	15.85	15.79	15.72	15.61	15.46	15.38	15.38	Above LTA	Decreasing
Kompong Cham	10.39	10.23	10.15	10.06	9.94	9.83	9.77	Above LTA	Decreasing
Phnom Penh (Bassac)	8.04	7.96	7.90	7.83	7.76	7.68	7.60	Above LTA	Decreasing
Phnom Penh Port	6.70	6.62	6.56	6.49	6.42	6.34	6.26	Above LTA	Decreasing
Koh Khel	6.87	6.82	6.76	6.71	6.66	6.61	6.56	Above LTA	Decreasing
Neak Luong	5.71	5.65	5.59	5.54	5.49	5.44	5.39	Above LTA	Decreasing
Prek Kdam	7.48	7.40	7.33	7.27	7.20	7.13	7.06	Above LTA	Decreasing
Tan Chau	3.01	2.97	2.93	2.90	2.87	2.84	2.81	Above LTA	-
Chau Doc	2.84	2.82	2.79	2.76	2.73	2.70	2.67	Above LTA	-

MRC Secretariat, Vientiane, Lao PDR | E: [mrcs@mrcmekong.org](mailto:mrcs@mrcmekong.org) | T: +856 21 263 263  
 MRC Regional Flood and Drought Management Centre, Phnom Penh, Cambodia |  
 E: [floodforecast@mrcmekong.org](mailto:floodforecast@mrcmekong.org) | T: +855 23 425 353

<http://www.mrcmekong.org/>  
[http://fm.mrcmekong.org/bulletin\\_dry.php](http://fm.mrcmekong.org/bulletin_dry.php)  
[http://fm.mrcmekong.org/report\\_dry.php](http://fm.mrcmekong.org/report_dry.php)  
<https://pmfm.mrcmekong.org/>

**DISCLAIMER**  
 This information is supplied as a service to the governments of the MRC Member Countries so that it may be used as a tool within existing national disaster forecast and warning systems.

### 6.3 Flash Flood Information

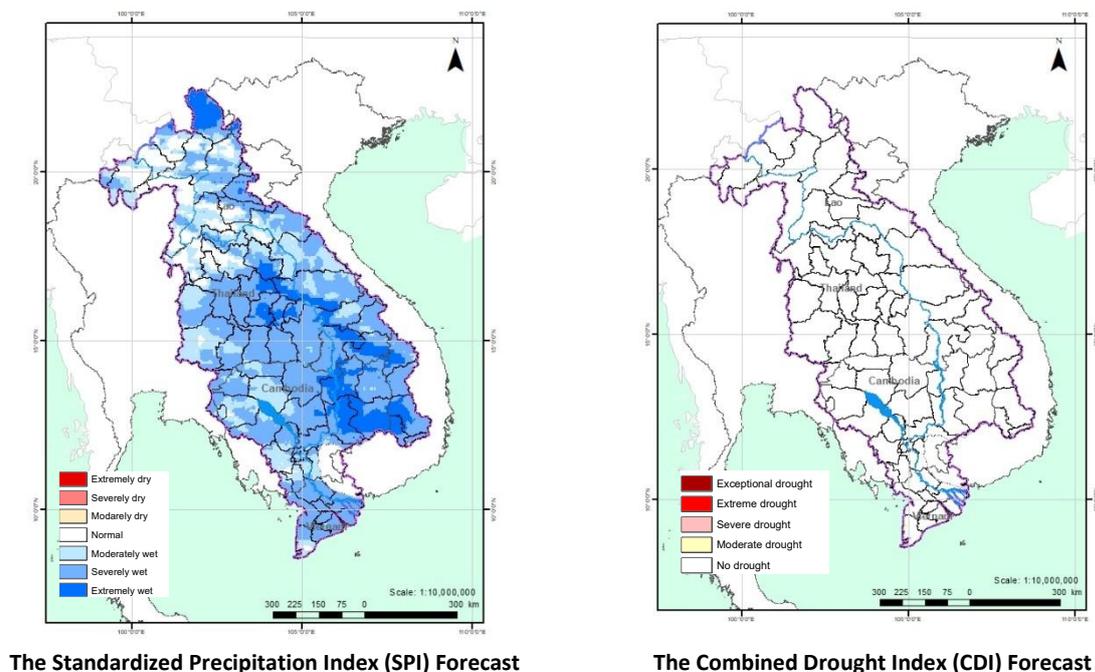
Flash flood events are not likely to happen in the LMB next week. However, local heavy rain in a short period of time might still be possible with unexpected short flash floods. During the dry season if extreme weather occurs, the information on flash flood guidance for the next one, three, and six hours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

Further detailed information on Flash Flood Information Warning, as well as on its explanation, is available for download [here](#).

### 6.4 Drought forecast

Next week, the LMB is likely to experience normal conditions, no drought over the region based on the Combined Drought Index.

**Figure 13** below shows the weekly forecasts of SPI and CDI from 11 – 17 November over the LMB area.



**Figure 13. Weekly forecasts of SPI and CDI from 11 – 17 November.**

## 7 Summary and Possible Implications

### 7.1. Rainfall and its forecast

In the period of 04 – 10 November 2025, there has been moderate to heavy rainfall has been observed over the LMB including in the central and southern parts of Lao PDR, the eastern part of Cambodia, the 3S basin, and the Mekong delta.

During 11 – 17 November 2025, the accumulated rainfall over the entire Lower Mekong Basin is distributed with light to moderate rain.

## **7.2. Water level and its forecast**

At 22 key monitoring stations along the Mekong mainstream from 03 – 10 November 2025, water levels are below the long-term averages (LTAs) except for water level at Nongkhai and Paksane stations. 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 11 – 17 November 2025, the water levels from Chaing Saen and Luang Prabang are expected to decrease, while from Chaing Khan to Paksane, they are expected to increase. From Nakhon Phanom, water levels are expected to drop. At Tan Chau and Chau Doc stations, the water levels are predicted to be also fluctuated, resulting from the influence of sea tidal patterns. Water levels at all stations are expected to continue being above their long-term averages (LTAs).

## **7.3. Flash flood and its trends**

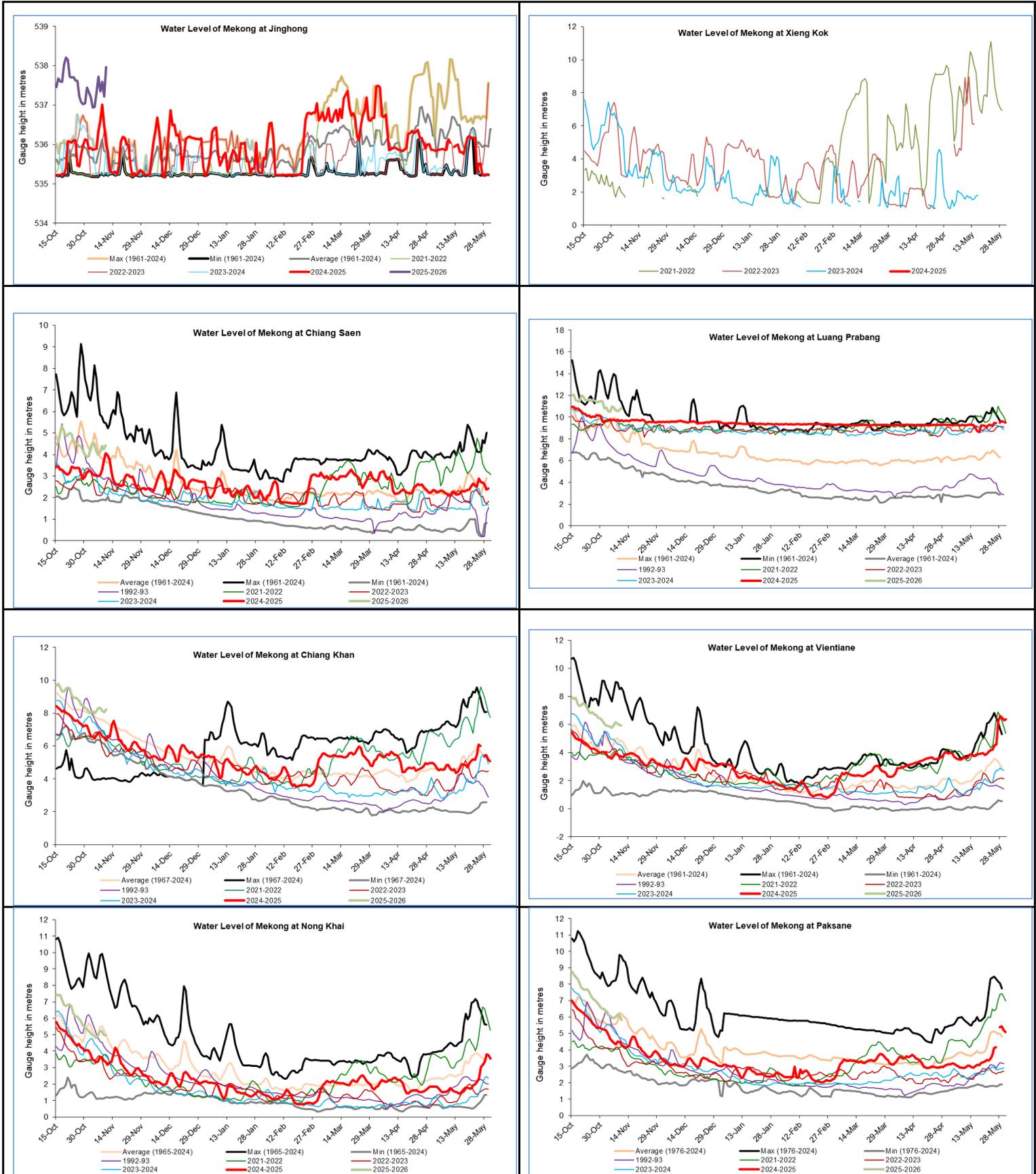
With the predicted of rainfall for the coming week as mentioned earlier in [section 6.1](#), major flash floods are not likely to happen in the LMB.

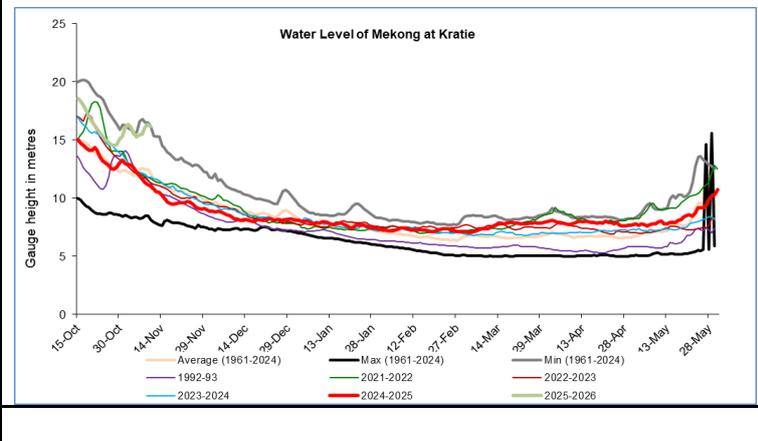
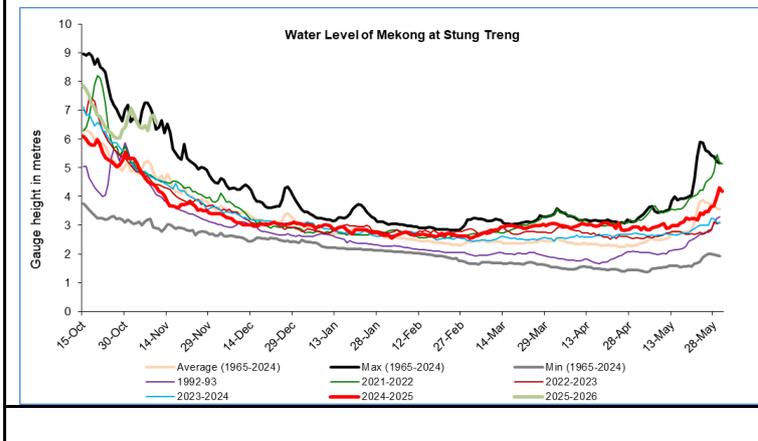
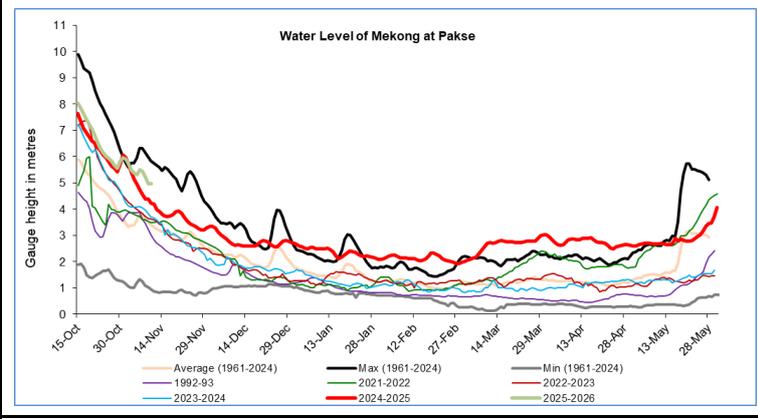
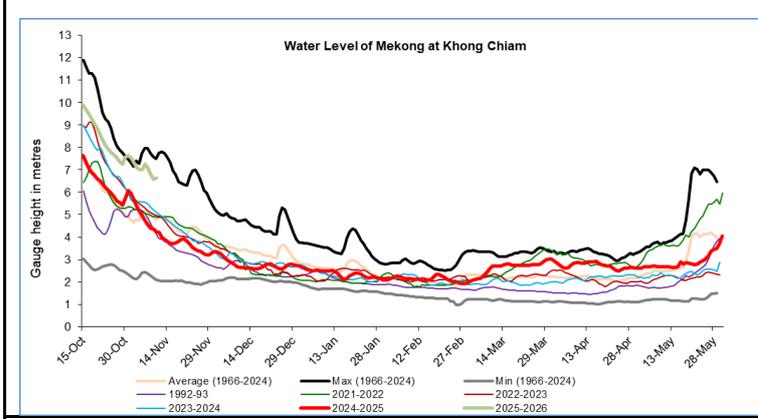
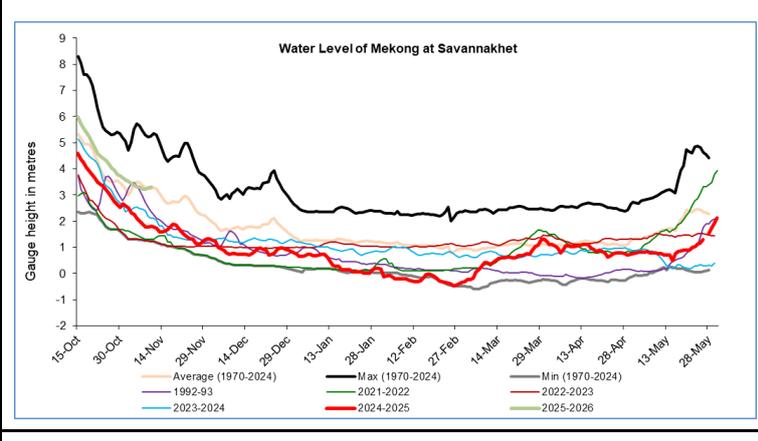
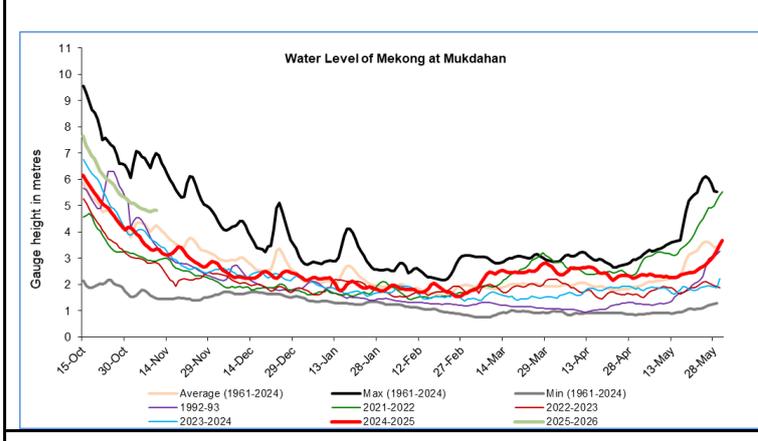
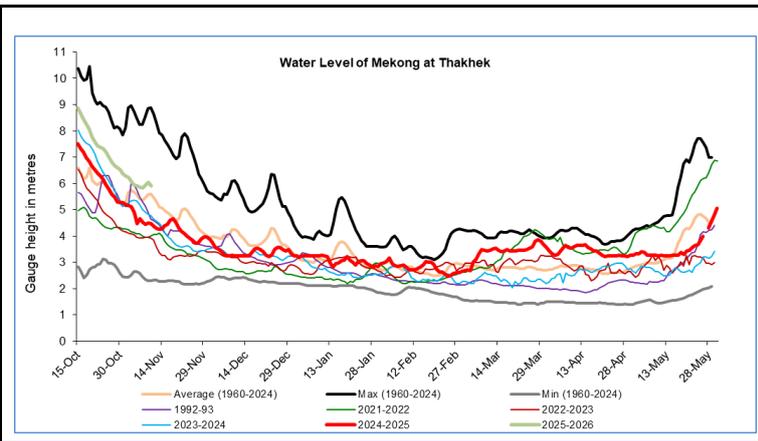
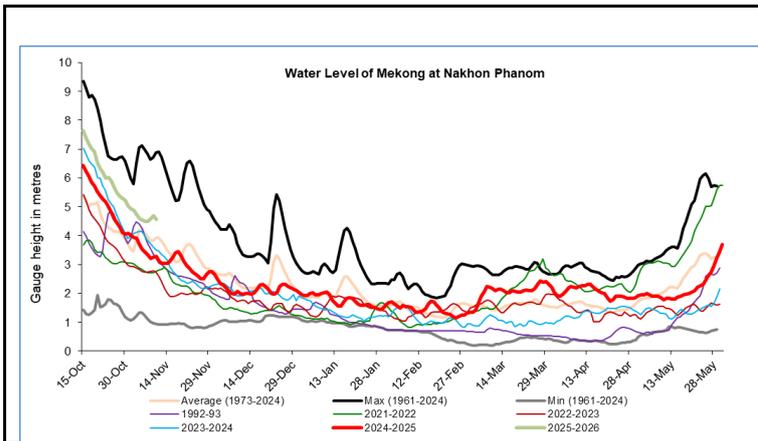
## **7.4. Drought condition and its forecast**

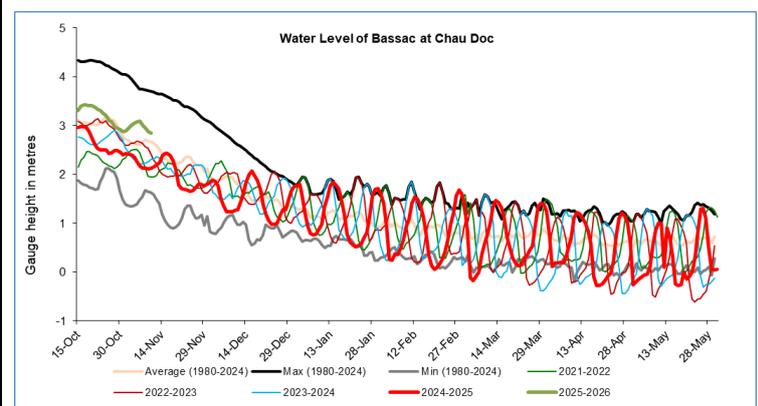
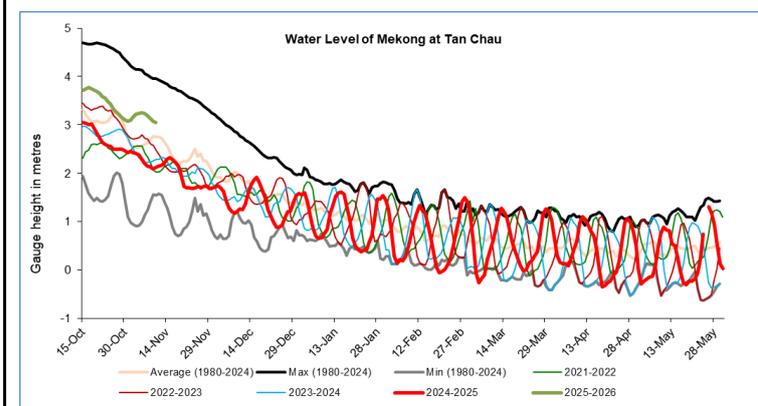
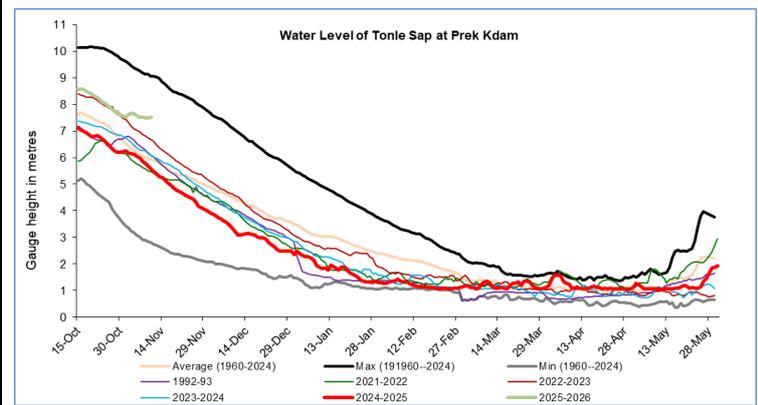
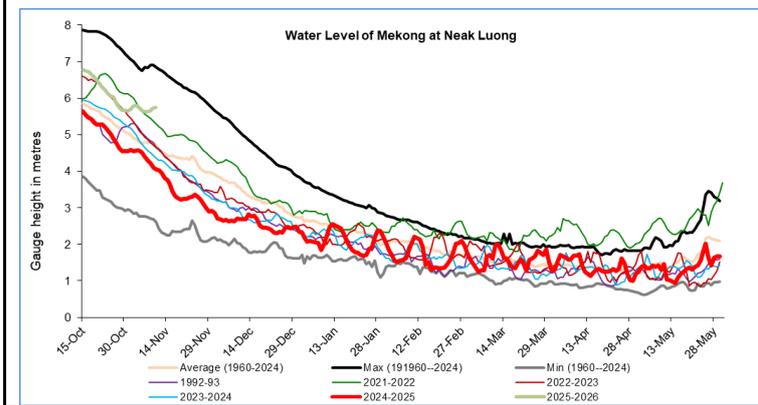
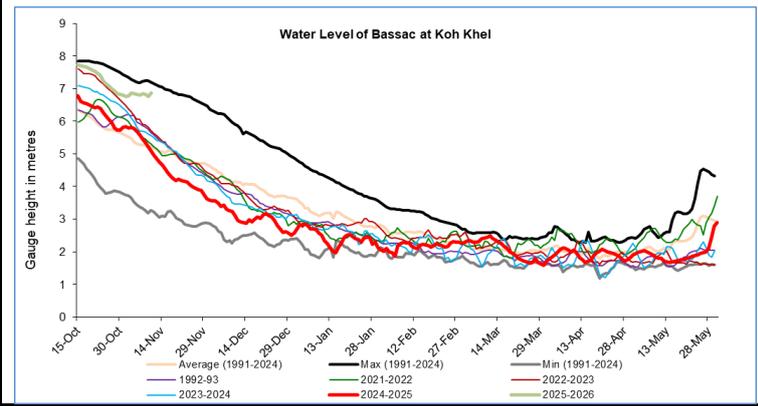
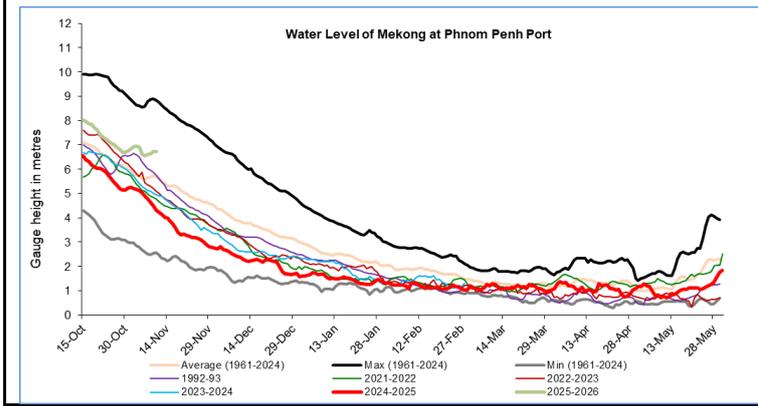
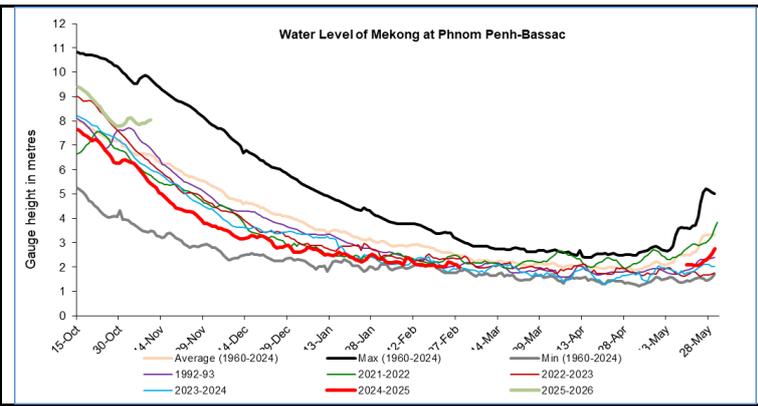
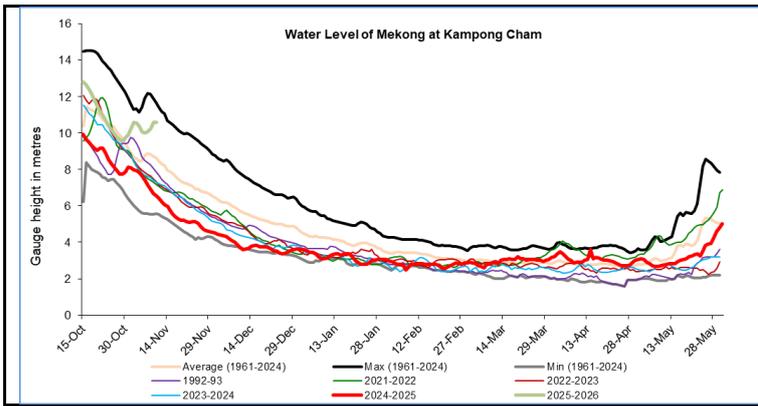
During 04 – 11 November 2025, the LMB is experiencing normal conditions, no drought over the region. The monitored drought is caused primarily by meteorological indicator and combined drought indicator.

During 11 - 17 November 2025, the LMB is likely at normal conditions. No drought is forecasted for next week for the whole region.

# Annex A: Weekly water level monitoring at 22 key stations







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

Table A1: Weekly observed water levels

2025	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
04-11-2025	536.95	4.53	10.50	8.00	5.85	4.93	6.07	4.59	5.94	4.93	3.38	7.02	5.36	6.42	15.60	10.34	8.02	6.91	6.85	5.75	7.66	3.23	3.04
05-11-2025	537.32	4.18	11.00	8.15	5.75	4.83	5.96	4.53	5.90	4.86	3.31	7.02	5.32	6.38	15.28	10.04	7.90	6.60	6.83	5.67	7.58	3.25	3.08
06-11-2025	537.72	4.00	10.85	8.32	5.95	4.95	5.94	4.50	5.86	4.84	3.29	7.27	5.50	6.46	15.46	10.00	7.85	6.55	6.80	5.62	7.52	3.24	3.09
07-11-2025	537.35	4.12	10.63	8.32	6.17	5.22	6.01	4.49	5.83	4.78	3.22	7.08	5.42	6.30	15.49	10.10	7.90	6.60	6.85	5.62	7.51	3.19	3.01
08-11-2025	537.59	4.41	10.56	8.15	6.08	5.22	6.15	4.58	5.93	4.77	3.22	6.79	5.20	6.75	16.13	10.24	7.90	6.64	6.81	5.64	7.48	3.14	2.95
09-11-2025	537.22	4.25	10.66	8.06	5.97	4.98	6.08	4.69	6.03	4.82	3.27	6.58	4.96	6.83	16.36	10.58	7.98	6.72	6.75	5.72	7.49	3.08	2.87
10-11-2025	537.96	4.42	10.84	8.22	5.93	4.96	5.81	4.56	5.90	4.83	3.29	6.64	4.96	6.57	16.18	10.59	8.05	6.73	6.86	5.74	7.51	3.05	2.84
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

2025	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
04-11-2025	1	0	0	0	0	0	0	0	0	0	0	16.5	0	0	0	5	7.4	0.0	0	0	0	7.3	9.1
05-11-2025	0	0.1	0	2.6	0	0	0	0	0	0	0	0	0	0	0	4.5	1.2	0.0	0	1.8	0	2.3	0.4
06-11-2025	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7.1	42	0	0.0	0	0	0	0	2
07-11-2025	0	0	0	0	0	0	0	0	0	0	0	2.5	0	91	28.4	2	0	0.0	0	0	0	0	0
08-11-2025	0	0	0	32.1	8.8	16.3	0	1.5	1.2	0	27.8	7.5	2.4	11.5	5	0	0	0.0	0	0	0	1	0.4
09-11-2025	25.5	4.9	0.8	8.3	11.2	16	6.8	0.2	0	0.8	0	0	0	0	0	0	0	0.0	0	0	0	0	10.6
10-11-2025	0	0	0	0	0	0	0	0	0	0	0	1.5	4.6	0	0	0	0	0.0	0	12.6	0	67.9	60
<b>Sum</b>	26.5	5.0	0.8	43.0	20.0	32.3	6.8	1.7	1.2	0.8	27.8	28.0	7.0	105.5	40.5	53.5	8.6	0.0	0.0	14.4	0.0	78.5	82.5



## Mekong River Commission Secretariat

P. O. Box 6101, 184 Fa Ngoum Road, Unit 18 Ban Sithane Neua, Sikhottabong District, Vientiane 01000, Lao PDR  
Tel: +856 21 263 263. Fax: +856 21 263 264 [www.mrcmekong.org](http://www.mrcmekong.org)

© Mekong River Commission 2025