



**Mekong River Commission**  
Cambodia • Lao PDR • Thailand • Viet Nam  
For sustainable development

# Technical Guidelines

## on Implementation of the Procedures for the Maintenance of Flows on the Mainstream



*The main objective the Technical Guidelines on implementation of the Procedures for the Maintenance of Flows on the Mainstream (PMFM) is to provide flow frameworks (and associated thresholds) for the implementation of the PMFM for planning and real time monitoring purposes at each of the selected hydrological stations, with a view to: (1) for Planning – to assess a development scenario (as part of MRC’s strategic planning cycle) or proposed project (under the PNPCA) to inform national and transboundary planning, decision-making and governance processes; and (2) for Monitoring – to raise awareness of real time flow conditions (as part of MRC’s hydrological monitoring) and discuss whether coordinated action by the Member Countries is needed.*

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## Document history

Date	File Name	Description	Editor
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30 Sep 2011	Draft Final Technical Guidelines	Updated Table 2.2 option 2 of flow framework for Article 6A for planning purposes Updated Figure 2-4 and Figure B-3 of flow framework for Article 6B for monitoring purposes	BDP2
10 Oct 2011	Draft Final Technical Guidelines	Added 'considered as (working) guidelines' to paragraph 6	BDP2
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## PREAMBLE

The intent of the 1995 Mekong Agreement is to promote cooperation among the riparian countries on the sustainable development and management of the Mekong water and related resources. The intent of the Procedures for Maintenance of Flow on the Mainstream (PMFM) under the provisions of Articles 6 and 26 of the 1995 Mekong Agreement is to cooperate on the maintenance of an acceptable hydrological flow regime in the mainstream to optimise the multiple uses and mutual benefits of all riparian countries and to minimise the harmful effects (Article 1).

The Technical Guidelines for the PMFM provide agreed flow frameworks for long-term planning and real time monitoring purposes:

- **Flow frameworks for planning purposes** provide the opportunity for the Lower Mekong Basin countries to utilise considerable quantities of water of the Mekong River without compromising the river's natural flow regime. A development scenario or proposed project that is not in compliance with the flow frameworks could not be deemed acceptable by the Member Countries.
- **Real time monitoring purposes** will provide confidence that the PMFM is being implemented and natural flows are being maintained at the selected hydrological stations along the mainstream for meeting important economic, social and environmental needs. When real time monitoring shows that specific flow thresholds would be transgressed, investigations will be initiated to identify the cause(s) and possible mitigation measures.

The Technical Guidelines drafted in October 2011 are considered as 'working Technical Guidelines' to be implemented during 2011-2015 in a 'learning-by-doing' approach by the Member Countries, coordinated by the MRCS. This includes the testing of the alternative flow frameworks considered for the implementation of Article 6A for planning purposes (the pending issue), as directed by the MRC Joint Committee in April 2012. Furthermore, the draft Technical Guidelines state that the Guidelines will be updated in 2015.

This current version of the Technical Guidelines (November 2015) is based on the results of the learning-by-doing implementation of the PMFM during 2011-2015, as fully described in the in the Implementation Report of the PMFM for 2011-2015 (August 2015). After agreement by the Technical Review Group, the Technical Guidelines will be submitted to the MRC Joint Committee for their consideration and approval.

## **ABBREVIATIONS AND ACRONYMS**

<b>ARI</b>	Annual Recurrent Interval
<b>DSF</b>	Decision Support Framework – MRC’s suite of computer-based numerical modelling and knowledge based tools
<b>FDC</b>	Flow Duration Curve
<b>LMB</b>	Lower Mekong River Basin
<b>MRC</b>	Mekong River Commission
<b>MRCS</b>	Mekong River Commission Secretariat
<b>NMC</b>	National Mekong Committee
<b>NMCS</b>	National Mekong Committee Secretariat
<b>PMFM</b>	Procedures for Maintenance of Flows on the Mainstream
<b>TRG</b>	Technical Review Group

## DEFINITIONS OF TERMS

<b>Annual Recurrence Interval (ARI)</b>	The average annual rate of occurrence of an event; it is equal to the 1/exceedance probability. The ARI is determined using the General Extreme Value (GEV).
<b>Annual daily peak flow</b>	The largest daily flow recorded in a year (m <sup>3</sup> /s).
<b>Confidence Interval</b>	A range of values centred on the sample estimate that is known to contain the true value with a given degree of confidence.
<b>Daily peak flow</b>	Peak or maximum value of the daily discharge data, which are average values over 24 hours.
<b>Dry season<sup>1</sup></b>	Six calendar months from 1 December to 31 May.
<b>Flood season</b>	Four calendar months from 1 July to 31 October.
<b>Flow Duration Curve (FDC)</b>	The Flow Duration Curve is a plot of flows ranked from highest to lowest. The horizontal axis is % of time equalled or exceeded and the vertical axis is flows (m <sup>3</sup> /s).
<b>Historically severe drought or flood</b>	Daily flows exceed the ARI 1:20 of historical observed data (low flows for drought or high flows for flood) at any selected station.
<b>Mean monthly flow</b>	Mean monthly flow represents an average of the 15 monthly mean flows (one for each year during the 1985-2000) derived from the simulated daily flows in the DSF.
<b>Moving average</b>	A statistical method to smooth variations. The average is calculated, for example, over five years. For each year after this, the earliest value is dropped from the calculation and the most recent one is added in, again to make an average over five years; for example: 1988-1993, 1989-1994, and 1990-1995. Also called the running average or rolling average.
<b>Natural flows</b>	The term natural flows as used in Article 6 indeed means current flows under existing uses up to year 2000.

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<sup>1</sup> It was agreed that these terms are defined as ‘working definition’ to implement the PMFM while it is acknowledged that the starting and ending dates of the dry season vary throughout the basin; the dry season may start during mid-November to mid-December and end during mid-May to mid-June (as defined in the PNPCA). Moreover, transition periods can be identified between the dry season and wet season (Mekong River Commission 2005. Overview of Hydrology of the Mekong Basin, Mekong River Commission, Vientiane). The definition of the dry season will be reviewed and updated in 2020, together with the Technical Guidelines, based on new information and understanding.

<b>Probability of exceedance</b>	The statistical probability that an event will be exceeded, e.g. a 99% probability of exceedance of daily flow means that the flow will exceed this value 99 of 100 days (on average).
<b>Rating curve</b>	A graphical presentation of the measured discharges plotted against the corresponding water level.
<b>Threshold</b>	A value (or limit) of discharge or water level that will cause some action when crossed.
<b>Wet season<sup>2</sup></b>	Six calendar months from 1 June to 30 November.

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<sup>2</sup> It was agreed that these terms are defined as ‘working definition’ to implement the PMFM while it is acknowledged that the starting and ending dates of the wet season vary throughout the basin; the wet season may start during mid-May to mid-June and end during mid-November to mid-December (as defined in the PNPCA). Moreover, transition periods can be identified between the dry season and wet season (Mekong River Commission 2005. Overview of Hydrology of the Mekong Basin, Mekong River Commission, Vientiane). The definition of the wet season will be reviewed and updated in 2020, together with the Technical Guidelines, based on new information and understanding.

# 1 INTRODUCTION

## 1.1 Background

1. In accordance with **Article 6 – Maintenance of Flows on the Mainstream**, of the 1995 Mekong Agreement, the MRC Member Countries agree *“to cooperate in the maintenance of the flows on the mainstream from diversions, storage releases, or other actions of a permanent nature, except in the cases of historically severe droughts and/or floods:*
  - **Article 6A:** *Of not less than the acceptable minimum monthly natural flow during each month of the dry season;*
  - **Article 6B:** *To enable the acceptable natural reverse flow of the Tonle Sap to take place during the wet season; and*
  - **Article 6C:** *To prevent average daily peak flows greater than what naturally occur on the average during the flood season.”*
2. The MRC Council approved the Procedures for the Maintenance of Flow on the Mainstream (PMFM) on 22 June 2006 in Ho Chi Minh City, Viet Nam. The approved Procedures are provided in **Annex A**.
3. The PMFM requires the MRC Joint Committee to adopt Technical Guidelines for the implementation of the PMFM. Section 5.3 of the PMFM states that *“the Technical Guidelines shall be prepared, reviewed and revised from time-to-time by the MRC Joint Committee in accordance with the objectives and principles of the Procedures.”*
4. The MRC Joint Committee delegated the responsibility for the preparation of the Technical Guidelines to the Technical Review Group (TRG) that comprises experts assigned by each of the four National Mekong Committees (NMCs) and staff from the Mekong River Commission Secretariat (MRCS). The Terms of Reference (TOR) of the TRG are presented in **Annex B**.

## 1.2 Objective of the Technical Guidelines

5. The main objective the Technical Guidelines is to provide flow frameworks (and associated thresholds) for the implementation of the PMFM for planning and real time monitoring purposes at each of the selected hydrological stations, with a view to:
  - **for Planning:** to assess a development scenario (as part of MRC’s strategic planning cycle) or proposed project (under the PNPCA) to inform national and transboundary planning, decision-making and governance processes.

- **for Monitoring:** to raise awareness of real time flow conditions (as part of MRC’s hydrological monitoring) and discuss whether coordinated action by the Member Countries is needed.

### 1.3 Flow frameworks

6. Figure 1 illustrates how the above objective is operationalized. The agreed flow frameworks presented in these Technical Guidelines will be used to evaluate daily flow conditions and development scenario or proposed project put forward by the Member Countries as part of MRC’s strategic planning cycle or the PNPCA process.

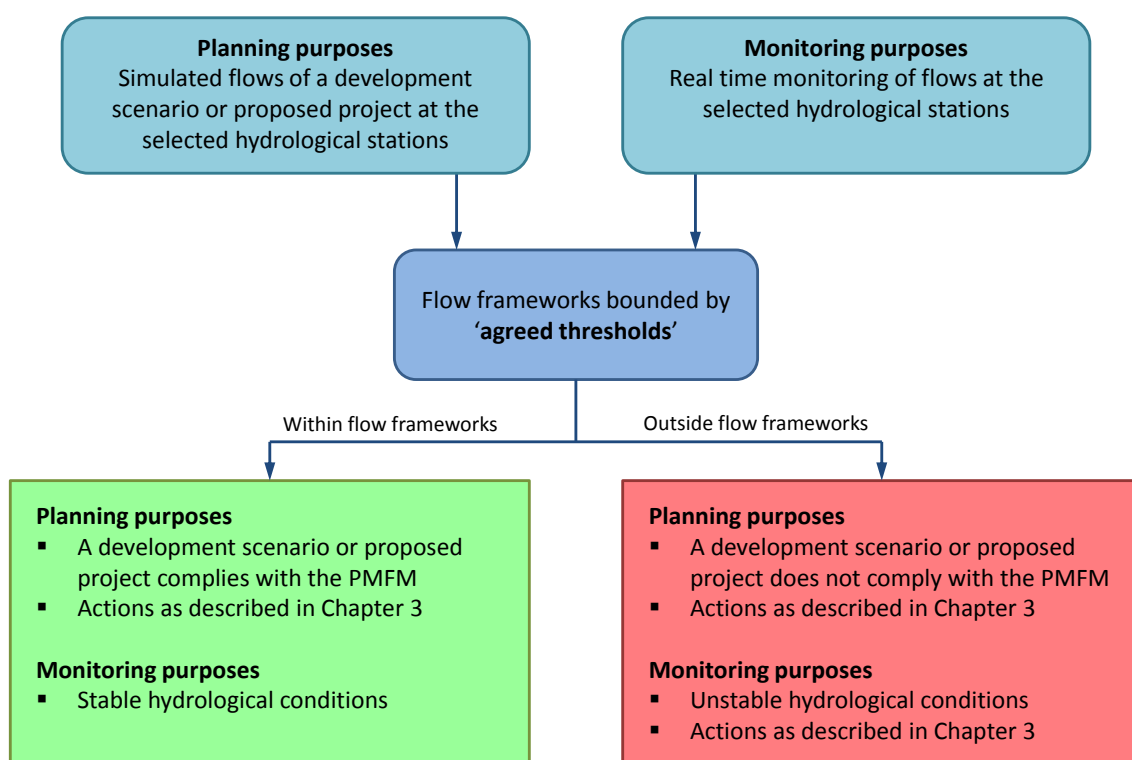


Figure 1. Implementation approach of the PMFM.

### Planning

7. Development plans, or components of plans, or proposed projects in the Mekong Basin are usually grouped within a **‘development scenario’** with the plans and proposed projects added to the existing water demands and infrastructure. For a development scenario or proposed project, the models of the Decision Support Framework (DSF) provide a simulated hydrological time series at each of the selected hydrological stations on the mainstream. The simulated time series of the development scenario or proposed project can be compared with the flow frameworks in these Technical Guidelines. If the

hydrological time series fall outside the agreed flow frameworks at one or more of the selected hydrological stations, the development scenario or proposed project could be deemed unacceptable by the Member Countries. The resulting information will be used to periodically update MRC's Basin Development Strategy that describes the development opportunities, risks and priority actions.

## Monitoring

8. The agreed flow frameworks for real time monitoring purposes will validate that the above planning assessments have been correct over time. They also enable early warning of the emergence of unusual flow conditions, which could lead action and analysis of unusual situations once certain threshold are exceeded. Moreover, the agreed flow frameworks for real time monitoring purposes provide the opportunity for the Member Countries to review the current definitions of historically severe drought and/or floods (Section 2.3).

## Uncertainties

9. There are the usual uncertainties associated with the development and use of the agreed flow frameworks, such as errors inherent in flow determination (including measurement and rating curves) at the selected hydrological stations, the accuracy of scenario formulation and assessment with the DSF, and the possible impact of climate change (i.e. how far we can use flow records of the past to predict the future?). The risks that such uncertainties may cause in terms of maintaining acceptable flow regimes are small and will be managed by reviewing the Technical Guidelines every five years, based on past implementation experiences and new data and information.

## 2 TECHNICAL GUIDELINES

### 2.1 Selection of hydrological stations

10. As stipulated in Section 5.2 of the PMFM, and based on the hydro-geographic reach analysis, a total of 12 hydrological stations are selected<sup>3</sup>. The main features and locations of the selected hydrological stations are provided in Table 1 and Figure 2, respectively.
11. The Phnom Penh Port, Prek Kdam and Kampong Luong stations are located on the Tonle Sap River/Lake; they are selected for monitoring the accumulated reverse flow to the Tonle Sap Lake during the wet season.

**Table 1. Main features of the selected hydrological stations for the implementation of the PMFM.**

No	Station	Country	Drainage and Zero gauge*	Observed data used	Hydro-geographical features
1	<b>Chiang Saen</b> (Mekong River)	Thailand	189,000 km <sup>2</sup> +357.11 m msl	1962-2009	Recognised as transboundary station
2	<b>Vientiane</b> (Mekong River)	Lao PDR	299,000 km <sup>2</sup> +158.04 m msl	1962-2009	Key station above the Nam Ngum confluence
3	<b>Khong Chiam</b> (Mekong River)	Thailand	419,000 km <sup>2</sup> +89.03 m msl	1967-2009	Upstream of Kong-Chi-Mun confluence
4	<b>Pakse</b> (Mekong River)	Lao PDR	545,000 km <sup>2</sup> +86.49 m msl	1962-2009	Downstream of Kong-Chi-Mun confluence
5	<b>Stung Treng</b> (Mekong River)	Cambodia	635,000 km <sup>2</sup> +36.79 m msl	1962-2009	Transboundary flow monitoring for Lao PDR and Cambodia
6	<b>Kratie</b> (Mekong River)	Cambodia	646,000 km <sup>2</sup> -1.08 m msl	1962-2009	Key station for Article 6B
7	<b>Chrouy Changvar</b> (Mekong River)	Cambodia	663,000 km <sup>2</sup> -1.08 m msl	1969-2008	Key station for Cambodia floodplain
8	<b>Phnom Penh Port</b> (Tonle Sap River)	Cambodia	- +0.07 m msl	1997-2009	Key station for Article 6B
9	<b>Prek Kdam</b> (Tonle Sap River)	Cambodia	- +0.08 m msl	1997-2009	Key station for Article 6B
10	<b>Kampong Luong</b> (Tonle Sap Lake)	Cambodia	- +0.64 m msl	1997-2009	Key station for Article 6B
11	<b>Tan Chau</b> (Mekong River)	Viet Nam	760,000 km <sup>2</sup> +0.00 m msl	1981-2009	Transboundary flow monitoring for Cambodia and Viet Nam
12	<b>Chau Doc</b> (Bassac River)	Viet Nam	760,000 km <sup>2</sup> +0.00 m msl	1981-2009	Transboundary flow monitoring for Cambodia and Viet Nam

\* Zero gauge above the mean sea level (msl) with different national datum (Hatien for Cambodia and Lao PDR, Hondau for Viet Nam, and Kolak for Thailand).

<sup>3</sup> Agreed at the 7<sup>th</sup> TRG Meeting (4-5 October 2007).



Figure 2. Location of the selected hydrological stations for the implementation of the PMFM.

## 2.2 Flow to be maintained

12. Flow to be maintained have been determined for planning purposes and monitoring purposes. The **PMFM for planning purposes** requires three flow frameworks (for Articles 6A, 6B and 6C) against which a development scenario or proposed project can be evaluated. The **PMFM for monitoring purposes** requires three flow frameworks (for Articles 6A, 6B and 6C) to enable appropriate actions to be developed and activated during critical periods of flow deficiency and excess.

### 2.2.1 Article 6A – acceptable minimum monthly natural flows during the dry season

13. Article 6A of the 1995 Mekong Agreement concerns the maintenance of the flows on the mainstream of *not less than the acceptable minimum monthly natural flows during the dry season*.

#### A Article 6A for planning purposes

14. The flow framework for planning purposes during the dry season (1 December to 31 May) is based on simulated flows for the Baseline Scenario (**1985-2000**) in the DSF at each of the selected hydrological stations along the mainstream<sup>4</sup>. The following alternative methods for the development of the flow framework have been proposed and tested<sup>5</sup>:
  - The **Annual Recurrence Interval (ARI)**<sup>6</sup> **1:4** exceedance probability;
  - The **Annual Recurrence Interval (ARI)** **1:5** exceedance probability;
  - The **Flow Duration Curve (FDC)**<sup>7</sup> **80%** time exceedance; and
  - The **Flow Duration Curve (FDC)** **90%** time exceedance.

Each of the resulting four flow frameworks comprises of a minimum flow threshold for each month of the dry season, as presented graphically and numerically in **Annex C**.

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<sup>4</sup> Thus excluding the Phnom Penh Port, Prek Kdam and Kampong Luong stations located on the Tonle Sap River/Lake.

<sup>5</sup> During the 12<sup>th</sup> TRG Meeting, Cambodia and Viet Nam indicated their preference for the '**mean monthly flow**' for setting minimum monthly flow framework for the Article 6A for planning purposes. 'Mean monthly flow' is defined as an average of the 15 monthly mean flows (one for each year during the 1985-2000) derived from the simulated daily flows in the DSF.

<sup>6</sup> Proposed by Cambodia and Viet Nam in the 9<sup>th</sup> TRG Meeting (7 October 2010).

<sup>7</sup> Proposed by Lao PDR at the National Consultation Meeting (15 October 2010).

Pending a four-country agreement on one of these frameworks, all of the above flow alternative frameworks will be applied for planning purposes<sup>8</sup>.

15. A considered development scenario or proposed project could **not be deemed acceptable** for planning purposes under the provisions of Section 5.1.1 of the PMFM, if the **simulated mean monthly flow** for the development scenario or proposed project is **below one or more of the minimum flow thresholds** for one or more months of the dry season at one or more selected hydrological stations.

## B Article 6A for monitoring purposes

16. The flow framework for real time monitoring purposes during the dry season comprises of the **ARI 1:5, ARI 1:10 and ARI 1:20** of the **historically daily flows (observed water level or rated discharge<sup>9</sup>)**, usually the period of **1960-2009<sup>10</sup>**, at each of the selected hydrological stations along the mainstream, and using smoothed values<sup>11</sup>. The resulting flow framework is graphically and numerically provided in **Annex D<sup>12</sup>**.
17. The **daily updated flows (observed water level or rated discharge)** from 1 December to 31 May at each of the selected hydrological stations is daily plotted and compared with the above flow framework and the results published on the PMFM webpage. There are four zones in this flow framework of increasing drought severity, involving specific actions<sup>13</sup>.
  - **Zone 1 (green):** If the daily updated flow lies **above the ARI 1:5**, it means ‘**normal hydrological conditions**’; there is **no need for action**.
  - **Zone 2 (yellow):** If the daily updated flow lies **between the ARI 1:5 and ARI 1:10**, it means that hydrological conditions remain ‘**stable**’; there is a **need for caution**.
  - **Zone 3 (orange):** If the daily updated flow lies **between the ARI 1:10 and ARI 1:20**, it means that hydrological conditions are ‘**unstable**’, an investigation should be

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<sup>8</sup> The difference between the monthly minimum flow thresholds of the alternative flow frameworks is small. The testing of the flow frameworks with the existing development scenarios demonstrates that the alternative flow frameworks lead to similar basin management development decisions and that the instances where any of minimum flow thresholds will be transgressed in the dry season in future will become rare, as demonstrated in the Implementation Report of the PMFM for 2011-2015 (August 2015).

<sup>9</sup> For the tidally influenced **Chrouy Changvar, Tan Chau and Chau Doc** stations, only the **daily observed water level** are used.

<sup>10</sup> Including the historically daily observed maximum and minimum values.

<sup>11</sup> All curves have been smoothed to produce more useful reference values for indicating the trends in the various thresholds through the dry season. The smoothing was done by taking the 30-day moving average of the daily values, i.e. the value of a given day is the average of the values of the previous 15 days and the next 15 days (including the given day).

<sup>12</sup> The 6<sup>th</sup> TRG Meeting (25-26 September 2006) agreed to apply graphical presentation of the flow framework. The 12<sup>th</sup> TRG Meeting (24 April 2015) agreed to add the tables with the numerical values to the Technical Guidelines.

<sup>13</sup> This concept is presented in Integrated Basin Flow Management (IBFM) Report No. 4, November 2004 and Draft Technical Guidelines for the Implementation of Procedures for the Maintenance of Flows on the Mainstream, December 2004.

undertaken to **identify the possible cause(s)** and **possible mitigation measures**.  
**There is a need to be on alert.**

- **Zone 4 (red):** If the daily updated flow lies **below the ARI 1:20**, it means that hydrological conditions are **‘severe’** and the **implementation of mitigating measures** should be considered.

### 2.2.2 Article 6B – acceptable natural reverse flows of the Tonle Sap River during the wet season

18. Article 6B of the 1995 Mekong Agreement is to *enable the acceptable natural reverse flows of the Tonle Sap River during the wet season*, which is defined in the 1995 Mekong Agreement as *“the wet season flows in the Mekong River at Kratie that allows the reverse flows of the Tonle Sap River to an agreed upon optimum level of the Tonle Sap Lake.”*

#### A Article 6B for planning purposes

19. The flow framework for planning purposes during the wet season (1 June to 30 November), is based on the **total wet season flow volume at Kratie** as simulated for the Baseline Scenario (1985-2000) in the DSF<sup>14</sup>. The flow volumes during the wet season at Kratie are to be maintained **within the upper and lower 90% Confidence Interval** (= thresholds band) **of probability of exceedance** of the Baseline Scenario<sup>15</sup>. The resulting flow framework is graphically and numerically provided in **Annex E**.
20. A considered development scenario or proposed project could **not be deemed acceptable** for planning purposes under the provisions of Section 5.1.2 of the PMFM, if the **simulated total wet season flow volume at Kratie** for the development scenario or proposed project falls **outside the thresholds band**.

#### B Article 6B for monitoring purposes

21. The flow framework for real time monitoring purposes during the wet season is based on the **historically observed maximum and minimum accumulated reverse flows to the Tonle Sap Lake at Prek Kdam**<sup>16</sup> (= thresholds band). Based on available water level and

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<sup>14</sup> The agreement reached in the 6<sup>th</sup> TRG Meeting (25-26 September 2006).

<sup>15</sup> The probability of exceedance is calculated using Log Pearson Type III distribution.

<sup>16</sup> The agreement reached in the 6<sup>th</sup> TRG Meeting (25-26 September 2006).

flow data from **1997-2005**<sup>17</sup> at **Phnom Penh Port, Prek Kdam, and Kampong Luong** stations, the accumulated reverse flows are calculated with the equations<sup>18</sup>:

$$Q_{in} = -15.047 \times F^2 + 859.839 \times F - 782.264$$

and

$$F = PKD^{1.2} \times |PPP - KPL|^{0.5}$$

where  $Q_{in}$  is inflow to the Tonle Sap Lake in  $m^3/s$ ;  $PKD$  is the observed water level at Prek Kdam above the mean sea level ( $PKD$  local datum + 0.08 m);  $PPP$  is the observed water level at Phnom Penh Port above the mean sea level ( $PPP$  local datum + 0.07 m);  $KPL$  is the observed water level at Kampong Luong above the mean sea level ( $KPL$  local datum + 0.64 m).

As the reverse flows to the Tonle Sap Lake usually occur from mid-May to mid-October, the accumulated reverse flows are calculated from 1 May to 31 October. The resulting flow framework is shown graphically and numerically in **Annex F**.

22. The above equations are also used to calculate the daily updated accumulated reverse flows at Prek Kdam. If the **daily updated accumulated reverse flows** fall **outside of the thresholds band**, hydrological conditions are considered '**unstable**', investigation should be undertaken to **identify the possible cause(s)** and **possible mitigation measures**. **There is a need to be on alert.**

### **2.2.3 Article 6C - average daily peak flows greater than what naturally occur on the average during the flood season**

23. Article 6C of the 1995 Mekong Agreement concerns the preservation of the natural flow regime of the Mekong mainstream and the need to "*prevent average daily peak flows greater than what naturally occur on the average during the flood season.*" This provision seeks to *prevent water infrastructure operations that would amplify the natural peak flows and therefore could cause additional downstream damage.*

#### **A Article 6C for planning purposes**

24. The flow framework for planning purposes during the flood season (1 July to 31 October) is the **mean of daily peak flows** of each month of the flood season of the

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<sup>17</sup> Although this period is quite short (10 years) to analyse trends and probability in detail, it includes a drought event in 1998 and a flood event in 2000 in Cambodia. As this framework is based on a rather short period of historical data, it is advised to check this approach until such time as more experience is gained or more appropriate means are determined.

<sup>18</sup> Outlines for the Technical Guidelines of the Procedures for the Maintenance of Flows on the Mainstream (PMFM), Background Discussion for the 7<sup>th</sup> TRG Meeting on the PMFM, Mekong River Commission Secretariat (MRCS), on 4-5 October 2007, in Vientiane. It is critically important to note that the equations can be only applied when the water level at Phnom Penh Port is higher than Kampong Luong.

simulated Baseline Scenario (1985-2000)<sup>19</sup> in the DSF at each of the hydrological stations along the mainstream<sup>20</sup>. The resulting flow framework comprises of a maximum flow threshold for each month of the flood season, as presented graphically and numerically in **Annex G**.

25. A considered development scenario or proposed project could **not be deemed acceptable** for planning purposes under the provisions of Section 5.1.3 of the PMFM, if the **mean of simulated daily peak flows** for the development scenario or proposed project is **above the maximum flow thresholds** for one or more months of the flood season at one or more selected hydrological stations.

## **B Article 6C for monitoring purposes**

26. The flow framework for real time monitoring purposes during the flood season is based on the **ARI 1:2, ARI 1:10 and ARI 1:20** of the **historically annual daily peak flows (observed peak water level or rated peak discharge<sup>21</sup>)**, usually the period of **1960-2009**, at the selected hydrological stations along the mainstream<sup>22</sup>. The resulting flow framework is graphically and numerically presented in **Annex H**.
27. It is suggested that the **ARI 1:20 annual daily peak flows** be used as the ‘**critical thresholds**’, while the **ARI 1:2 annual daily peak flows** be taken as the quantitative definition of ‘**daily peak flows greater than what naturally occur on the average during the flood season**’. The **daily updated peak flows (observed peak water level or rated peak discharge)** from 1 July to 31 October at the selected hydrological stations are daily plotted and compared with the above flow framework, and the results published on the PMFM webpage. There are four zones in this flow framework of increasing flood severity, each involving specific actions.
- **Zone 1 (green):** If the daily updated flow lies **below the ARI 1:2**, it means ‘**normal hydrological conditions**’; there is **no need for action**.
  - **Zone 2 (yellow):** If the daily updated flow lies **between the ARI 1:2 and ARI 1:10**, it is greater than what naturally occur but it still means that hydrological conditions remain ‘**stable**’; there is a **need for caution**.
  - **Zone 3 (orange):** If the daily updated flow lies **between the ARI 1:10 and ARI 1:20**, it means that hydrological conditions are ‘**unstable**’, an investigation should be undertaken to **identify the possible cause(s) and possible mitigation measures**. There is a **need to be on alert**.

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<sup>19</sup> Thus the ‘mean of daily peak flow’ of each month in the flood season represents the average of 15 monthly peak flows (one from each year of the Baseline Scenario of 1985-2000), derived from the simulated daily flows in the DSF.

<sup>20</sup> This approach was presented and accepted in the 8<sup>th</sup> TRG Meeting (23 April 2010).

<sup>21</sup> For the tidally influenced **Chrouy Changvar, Tan Chau and Chau Doc** stations, only the **daily observed water level** are used.

<sup>22</sup> The agreement reached in the 6<sup>th</sup> TRG Meeting (25-26 September 2006).

- **Zone 4 (red):** If the daily updated flow lies **above the ARI 1:20**, it means that hydrological conditions are '**severe**' and the **implementation of mitigating measures** should be considered.
28. The PMFM monitoring activities during the flood season will be coordinated with the Regional Flood Management and Mitigation Centre of the Technical Support Division.

## 2.3 Historically severe droughts and/or floods

29. The PMFM and these Technical Guidelines will apply '*except in the cases of historically severe droughts and/or floods*', as stipulated in Section 5.1 of the PMFM and Article 6 of the 1995 Mekong Agreement. If historically severe droughts and/or floods occur, other relevant provisions of the 1995 Mekong Agreement shall apply.
30. **Historically severe droughts**<sup>23</sup> occur when the daily updated flows (observed water levels or rated discharge) during the dry season are **less than the lower bound of the ARI 1:20** of the historically observed daily flows (usually the period of 1960-2009) at the selected hydrological stations, using smoothed values as presented graphically and numerically in **Annex D**. It is noted that the PMFM concerns hydrological droughts only.
31. **Historically severe floods** occur when the daily updated flows (observed water levels or rated discharge) during the flood season are **higher than the upper bound of the ARI 1:20** of historically observed annual daily peak flows (usually the period of 1960-2009) at the selected hydrological stations as presented graphically and numerically in **Annex H**.
32. The above thresholds of the historically severe droughts and/or floods are applied for the time being on a trial bases until such time as more experiences or new knowledge are gained<sup>24</sup>.

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<sup>23</sup> In the case of droughts, it was agreed in the 6<sup>th</sup> TRG Meeting (25-26 September 2006) that they are complex phenomena that require additional factors to fully describe their occurrence – e.g. temperature, soil moisture, rainfall, etc. It was agreed that the matter requires further study and analysis, and the MRCS was requested to review previous studies and provide interim recommendations in the next edition of the Technical Guidelines.

<sup>24</sup> Background Discussion Paper, Technical Guidelines for implementation of the PMFM (18 September 2006).

## **3 IMPLEMENTATION AND REVIEW OF THE TECHNICAL GUIDELINES**

### **3.1 Implementation mechanisms**

#### **3.1.1 MRC Joint Committee**

33. The following are the roles and responsibilities of the MRC Joint Committee:
- In accordance with Section 6.2.2 of the PMFM, to facilitate, whenever requested and needed, a process of investigation to identify the cause(s) of (emerging) critical flow conditions (between the ARI 1:10 and ARI 1:20) and/or mitigating measures.
  - In accordance with Sections 6.2.1, 6.2.2, 6.2.3, and 6.2.4 of the PMFM, to review the Annual PMFM Report to the MRC Joint Committee, prepared by the MRCS with facilitation of the NMCSs, and approved by the TRG; and to provide advice or make decisions regarding the implementation of the PMFM.

#### **3.1.2 MRC Secretariat**

##### **A For planning purposes**

34. The following are the roles and responsibilities<sup>25</sup> of the MRCS:
- For the Planning Division, to ensure that the periodic assessments of basin-wide development scenarios or proposed projects with the DSF include a check whether the simulated flow regimes comply with the flow frameworks in the Technical Guidelines.
  - For the Planning Division to ensure that the periodically reviewed and updated IWRM-based Basin Development Strategy, as well as regional sector strategies, comply with the Technical Guidelines.
  - For the Planning Division to provide policy advice to support national planning, decision-making and governance processes regarding the opportunities and limitations for national consumptive water uses (irrigation, public and industrial water supply, wetland management and others).

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<sup>25</sup> In this Section, reference is made to the proposed new organizational units of the MRCS.

- For the Planning Division to promote opportunities for the consumptive water use of surplus water resources for economic growth and poverty reduction among stakeholders within Government, parliament, sub-basin organizations, and national and foreign investors as well as promote opportunities for the non-consumptive water uses when the natural flow needs to be maintained.
- Based on the needs of the Planning Division, for the Technical Support Division to update the irrigation, flood protection and hydropower databases every 2-3 years to keep track of the major water use and control projects that are in operation and various stages of planning (identification, feasibility etc.). This would also help implement the Procedures for Water Use Monitoring (PWUM).
- For the Planning Division to support the PNPCA process with evaluations of compliance of notified projects with the Technical Guidelines.
- For the Planning Division to improve the effectiveness of implementation of the other MRC Procedures, including the PNPCA, PWUM and PDIES, which would support the implementation of the PMFM.

## **B For monitoring purposes**

35. The following are the roles and responsibilities of the MRCS:

- For the Technical Support Division to maintain the PMFM webpage based on the needs of the Planning Division, so that the webpage can continue its important functions for the implementation of the PMFM for planning purposes (public information of compliance of development scenario and proposed project with the agreed flow frameworks) and for real time monitoring purposes (tracking of daily flows and comparison with the agreed flow frameworks, early warning of the (emerging) of unusual flow conditions, their likely causes, ongoing investigations, and possible mitigation measures. The facility to interact with stakeholders and the broader public will be further improved.
- For the Planning Division to communicate with the NMCSs (and keeping the Technical Support Division and the division/office responsible for cooperation and communication informed) on (emerging) critical flow conditions and to discuss possible actions.
- For the Planning Division to coordinate the implementation of rapid assessments and diagnostic studies to evaluate and identify the cause(s) of the (emerging) critical flow conditions. The **possible cause(s)** could include **reservoir operations, extreme weather conditions, and unusual water diversions**. This may require immediate data and information collection at the national level, coordinated by the NMCSs and exchanged with the MRCS based on the implementation of the PDIES and PWUM.
- For the Office of the Chief Executive Officer in consultation with the NMCSs to raise public awareness of critical flow conditions, their possible causes, ongoing investigations, and possible mitigation and adaptation actions.

- For the Planning Division to guide and support coordinated action(s) by the Member Countries to address (potential) critical flow situations and transgressions of agreed flow frameworks and/or associated thresholds. The **possible action(s)** could include the **intensification of public reporting** to raise awareness of the (emerging) critical flow conditions, **warning of water users and operators, requests to dam operators and/or irrigation operators** to make changes in their near-term operations, **assessment of the readiness of drought (or flood) contingency plans and actions**, and the **implementation of drought (or flood) contingency plans**, all facilitated by the NMCSs.

## C For annual reporting

36. The following are the roles and responsibilities of the MRCS:

- For the Planning Division to organise meetings of the TRG whenever necessary or appropriate. Once a year, in advance of the annual reporting to the MRC Joint Committee, the TRG will meet to discuss and finalise the Annual PMFM Report to the MRC Joint Committee.
- For the Technical Support Division to use the flow framework for monitoring purposes under Sections 5.1.1 (dry season) and 5.1.2 (wet season) of the PMFM for the preparation of the Annual Hydrological Condition Report.
- For the Technical Support Division to use the flow framework for monitoring purposes under Section 5.1.3 (flood season) of the PMFM for the preparation of the Annual Flood Report.
- For the Planning Division to prepare the Annual PMFM Report to the MRC Joint Committee, with facilitation of the NMCSs and review by the TRG. The report will describe how the Technical Guidelines have been implemented during the preceding year and how the Technical Guidelines have supported national and transboundary planning, decision-making and governance processes. The report should:
  - Summarise the implementation and impact of the PMFM for planning and monitoring purposes during the preceding year;
  - Flag and explain transgressions of the agreed flow frameworks;
  - Describe the coordinated action(s) taken during the preceding year, if any, on the basis of real time flows monitoring at the selected hydrological stations, such as (1) diagnostic studies to explain the cause(s) of the (emerging) of transgressions of agreed flow flow frameworks and/or associated thresholds (reservoir operations, extreme weather conditions, unusual water diversions etc.), (2) intensification of public reporting to raise awareness of the (emerging) critical flow conditions, (3) early warning of water users and operators, (4) requests to dam operators and/or irrigation operators to make changes in their near-term operations, (5) assessment of the readiness of drought (or flood) contingency plans and actions, and (6) the implementation of drought (or flood) contingency plans;

- Describe the results of the assessment of the development scenarios or proposed projects against the flow frameworks for planning purposes, including the discussions among Member Countries, and the implications for planning at the regional and national level;
- Summarise how the PMFM has been used for the evaluation of notified projects (under the PNPCA);
- Identify flow related issues and opportunities, including consumptive water use projects for economic development and poverty alleviation;
- Identify good practices, draw lessons, and make recommendations to improve PMFM process; and
- Make recommendations on the PMFM related issues, such as national planning, transboundary cooperation, and the implementation of other MRC Procedures (PNPCA, PWUM, PDIES and PWQ).

### 3.1.3 National Mekong Committees

37. The following are the roles and responsibilities of the National Mekong Committees:

- In accordance with Section 6.4 of the PMFM, for the NMCSs, to adapt the staffing of the TRG to the requirements of the implementation of the PMFM, including data and information collection and exchange regarding consumptive water uses and control (i.e. the irrigated agriculture and hydropower sectors). The TOR of the TRG is provided in **Annex B**.
- In accordance with Section 6.4.1 of the PMFM:
  - for the NMCSs, to facilitate rapid assessments and diagnostic studies by the MRCS to evaluate and describe the cause(s) of the (emerging) critical flow conditions. This may require immediate data and information collection and exchange between the Governmental Agencies, water infrastructure operators, and others at the national and sub-basin levels, and the MRCS;
  - for the NMCSs, to steer, support and facilitate the implementation of the action(s) at the national level to address transgressions of the agreed flow frameworks and/or associated thresholds and (potential) critical flow situations. The possible action(s) could include: the intensification of public reporting to raise awareness of the (emerging) critical flow conditions; warning of water users and operators; requests to dam operators and/or irrigation operators to make changes in their near-term operations; assessment of the readiness of drought (or flood) contingency plans and actions; the implementation of drought (or flood) contingency plans;
  - for the national Line Agencies to provide the required data and information for the implementation of the PMFM; and

- for the NMCSs, to support the MRCS in the organisation of ad hoc and annual meetings of the TRG.
- In accordance with Section 6.4.2 and 6.4.3 of the PMFM and the MRC’s Decentralisation Policy, to ensure adequate operation and maintenance of the selected hydrological stations for the PMFM, as well as daily transfer of water level and flow data to the MRCS to enable the implementation of the PMFM for monitoring purposes according to these Technical Guidelines.
- In accordance with Section 6.4.4, for the NMCSs to communicate relevant results and decisions, good practices and recommendations related to the implementation of the PMFM to the appropriate national agencies and other stakeholders.
- In accordance with Section 6.4.4, for the national Line Agencies to consider making adaptations to sector plans (when they are updated) and annual work plans to secure the benefits of PMFM implementation and to further improve the PMFM process.

## 3.2 Information exchange with Upper Mekong Countries

38. Cooperation with the Dialogue Partners China and Myanmar will further increase through the MRC summits and governance meetings, the Junior Riparian Professional (JRP) Programme, technical exchanges, joint activities, comparative studies, and data and information exchange. Regarding the PMFM, the technical exchange with China to secure the potential benefits of increased dry season flows and address the risks of dam impoundment and operation will be further improved. This could lead to the exchange of operational plans and advance warning of major operational changes. Also the establishment of additional hydrological monitoring stations in the Upper Mekong mainstream as well as improved data exchange are essential to capture the potential benefits and address risks.

## 3.3 Periodic review and updating

39. The Technical Guidelines of the PMFM will be reviewed every five years. This will be done in parallel with the update of the State of Basin Report and the update of the IWRM-based Basin Development Strategy. The next formal review will take place in 2019.
40. The next formal update of the Technical Guidelines will then be considered by the MRC Joint Committee in 2020.
41. In case of concerns regarding a (emerging) critical flow event or ineffective implementation of the PMFM, the TRG could recommend that the Technical Guidelines be revised earlier than 2019.

## **ANNEX A**

# **THE PROCEDURES FOR THE MAINTENANCE OF FLOWS ON THE MAINSTREAM**

June 2006

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## A.0 Preamble

Reaffirming the political commitment to continue to cooperate and promote in a constructive and mutually beneficial manner the utilization and development of water and related resources and protection of the environment of the Mekong River Basin as stated in the Agreement on the Cooperation for the Sustainable Development of the Mekong River Basin, signed at Chiang Rai, Thailand on 5 April 1995, hereinafter referred to as “the Mekong Agreement”;

Pursuant to the Mekong River Commission (MRC) Council Resolution on Water Utilization Program of 18<sup>th</sup> October 1999, and the decision of the MRC Joint Committee in December 2003 on the establishment of the Technical Drafting Group 5 to prepare the Rules for the Maintenance of Flows on the Mainstream, which was renamed Procedures for the Maintenance of Flows on the Mainstream at the 11<sup>th</sup> MRC Council Meeting in December 2004, hereinafter referred to as “the Procedures”;

Recognizing the natural hydrological variability, changes and developments, in time and space, that occur in the basin;

Recognizing the comprehensive and adaptive approach in formulating the Procedures, which are an integral part of the Rules for Water Utilization and Inter-Basin Diversions specified in Article 26 of the Mekong Agreement;

Recognizing that the sustainable development of the water and related resources in and environment protection of the Mekong River Basin will not be possible if, together with other relevant factors, flows of the Mekong River are not appropriately maintained;

**We hereby approve the following Procedures for the Maintenance of Flows on the Mainstream:**

## A.1 Definitions

### Relevant and Key Definitions from the Mekong Agreement:

- **Acceptable Minimum Monthly Natural Flow:** The acceptable minimum monthly natural flow during each month of the dry season.
- **Acceptable Natural Reverse Flow:** The wet season flow level in the Mekong River at Kratie that allows the reverse flow of the Tonle Sap to an agreed upon optimum level of the Great Lake.

The technical definitions will be included in the Technical Guidelines to be established by the MRC Joint Committee.

## A.2 Objectives

The objectives of the Procedures are to provide a framework for technical guidelines, institutional arrangements, directions and information to enable the MRC and its member States to maintain and manage the flows of the Mekong River mainstream as required by Articles 6 and 26 of the Mekong Agreement.

## A.3 Principles

In addition to the principles stipulated in the Mekong Agreement, the Procedures shall be governed by the following principles:

- Practicality;
- Transparency;
- Cost effectiveness; and
- Reciprocity<sup>26</sup>.

## A.4 Scope

The Procedures are applied to diversions, storage releases, or other actions of a permanent nature undertaken by the member States which may have a significant impact on the flows of the mainstream during the wet and dry seasons in accordance with Article 6 of the Mekong Agreement.

## A.5 Maintenance of flows on the mainstream

### A.5.1 *Flows to be maintained*

Specifically, except in the cases of historically severe droughts and/or floods, the Procedures apply to cooperation in the maintenance of flows on the mainstream at selected stations:

- 5.1.1 Of not less than the acceptable minimum monthly natural flow during each month of the dry season under Article 6A;

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<sup>26</sup> Means “mutual” and implies that each State shall treat each other in a like positive manner and expect the same treatment in return.

- 5.1.2 To enable the acceptable natural reverse flow of the Tonle Sap to take place during the wet season under Article 6B; and
- 5.1.3 To prevent average daily peak flows greater than what naturally occur on the average during the flood season attributed to intentional water releases from manmade activities or other facilities under Article 6C.

The flows to be maintained at specified locations as stipulated in 5.1.1, 5.1.2 and 5.1.3 are set out in a separate document entitled Technical Guidelines to be adopted/established by the MRC Joint Committee.

### ***A.5.2 Hydrological stations***

Criteria for selection of the initial hydrological stations and a list of sites required for the implementation of the Procedures are set out in the Technical Guidelines to be established by the MRC Joint Committee.

### ***A.5.3 Preparation, review and revision of the Technical Guidelines***

The Technical Guidelines shall be prepared, reviewed and revised from time-to-time by the MRC Joint Committee in accordance with the objectives and principles of the Procedures.

## **A.6 Institutional arrangements**

Implementation of the Procedures requires the active participation of the MRC Council, the MRC Joint Committee, the MRC Secretariat and the National Mekong Committees with respective roles, functions, duties and responsibilities which are as follows:

### ***A.6.1 MRC Council***

The functions of the Council under the Procedures are in accordance with the provisions of the 1995 Mekong Agreement, its Rules of Procedures and other relevant procedures.

### ***A.6.2 MRC Joint Committee***

In addition to those stipulated in the Mekong Agreement and the Rules of Procedure of the MRC Joint Committee and other relevant rules and procedures approved by the MRC Council, the functions/roles/responsibilities of the MRC Joint Committee for the Procedures shall include, but are not limited to:

- 6.2.1 Establishing the location of hydrological stations and determining and maintaining the flow level requirements at each station on the Mekong mainstream serving the various

provisions of Article 6 and in accordance with the objectives and principles of the Procedures and the Technical Guidelines prepared by the MRC Joint Committee;

- 6.2.2 Taking appropriate measures in the event of severe droughts and/or floods;
- 6.2.3 Coordinating with all National Mekong Committees for the effective implementation of the Procedures; and
- 6.2.4 Adopting the Technical Guidelines of the Procedures and any amendment or modification thereof.

The MRC Joint Committee may delegate all or some responsibilities to a technical body, formed as a permanent working group of the Mekong River Commission.

### ***A.6.3 MRC Secretariat***

In addition to the functions, duties, and responsibilities stipulated in the Mekong Agreement and those assigned to it by the MRC Council and Joint Committee and in other relevant rules and procedures, the roles and responsibilities of the MRC Secretariat respecting the implementation of the Procedures, shall include, but are not limited to:

- 6.3.1 Providing technical and administrative assistance to the MRC Joint Committee and the technical body in the assessment of flows and recommended options on acceptable flows at specified locations on the Mekong mainstream. As part of this assistance, the MRC Secretariat shall maintain the MRC-Information System and update, including preparation of a timetable for updating, upgrading, and utilizing, the Decision Support Framework as a key tool supporting the flow assessments required by the Procedures;
- 6.3.2 Facilitating the work of the MRC Joint Committee and the technical body through coordination, logistical support, technical analyses and assessments, preparing necessary reports, including an annual report to the MRC Joint Committee on the status of maintaining flows on the mainstream and providing appropriate documentation relevant to the discussions in a timely manner; and
- 6.3.3 Facilitating the problem-solving and consensus-building processes required to enable the technical assessments and recommendations to be carried out successfully and in a cost-effective manner.

### ***A.6.4 National Mekong Committees***

The functions, roles and responsibilities of the National Mekong Committees through the direction of their MRC Council and Joint Committee members and in accordance with the various provisions of the Mekong Agreement and relevant rules and procedures, shall include, but are not limited to:

- 6.4.1 Informing the relevant line agencies, local authorities and stakeholders of the Procedures to ensure the effective implementation of the Procedures;

- 6.4.2 Ensuring the monitoring, data gathering and reporting as required to implement the Procedures and transmit data from the selected stations to the MRC Secretariat;
- 6.4.3 Being responsible in cooperation with the MRC Secretariat, for establishment, maintenance and operation of the selected hydrological stations in each respective State;
- 6.4.4 Informing line agencies, local authorities and stakeholders concerned of the relevant plans, programs and activities to facilitate the maintenance of the required flows, specific operation and seasonal management conditions, and of the needs to maintain the flow requirements contained in the Procedures; and
- 6.4.5 Facilitating the MRC Secretariat in preparing the MRC annual report on the maintenance of flows on the mainstream by providing necessary information.

## **A.7 Final provisions**

### ***A.7.1 Amendments or modifications***

Any amendment or modification to the Procedures shall be submitted by the MRC Joint Committee for approval by the MRC Council.

### ***A.7.2 Entry into force***

The Procedures shall take effect among member States on the date of the approval of the MRC Council.

Approved by the MRC Council on the twenty second day of June of the year two thousand and six in Ho Chi Minh City, Socialist Republic of Viet Nam.

*(signed)*

H.E. Mr. Lim Kean Hor  
MRC Council Member for the Kingdom of Cambodia

*(signed)*

H.E. Mr. Somphong Mongkhonvilay  
MRC Council Member for the Lao People's Democratic Republic

*(signed)*

H.E. Mr. Yongyut Tiyaipairat  
MRC Council Member for the Kingdom of Thailand

*(signed)*

H.E. Dr. Cao Duc Phat  
MRC Council Member for the Socialist Republic of Viet Nam



## **ANNEX B**

# **TERMS OF REFERENCE OF THE TECHNICAL REVIEW GROUP**

November 2012

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## B.1 Background and justification

In 2006, the Mekong River Commission (MRC) Council approved the Procedures for Maintenance of Flows on the Mainstream (PMFM) and assigned the MRC Joint Committee to prepare the Technical Guidelines for implementation. The MRC Joint Committee subsequently delegated the responsibility for **preparation of the Technical Guidelines** to the Technical Review Group (TRG). The TRG comprises experts assigned by the National Mekong Committees (NMCs) of the four Member Countries, as well as staff of the Mekong River Commission Secretariat (MRCS).

With the Technical Guidelines, the implementation of the PMFM will enhance the sustainable management of the river's natural resources for mutual benefits of the riparian countries. Given the linkages between the Technical Guidelines and national planning and governance processes, it is essential that the implementation of the Technical Guidelines will be driven by the interest and priorities of the Member Countries and their people.

To ensure a meaningful participation of key stakeholders from the four Member Countries in the **implementation of the Technical Guidelines**, the staffing and operations of the TRG will be adapted to the requirements of the implementation of the Technical Guidelines.

## B.2 Objective of the Technical Review Group

The key objective of the TRG is to support the process of implementing the Technical Guidelines for the PMFM. Accordingly, the TRG will:

- Ensure the relevance and enabling aspects of the Technical Guidelines for transboundary and national water resources planning and management; and
- To strengthen the role of the appropriate line agencies and other stakeholders in the process.

## B.3 Functions of the Technical Review Group

The functions of the TRG related to the **planning purposes** of the Technical Guidelines include the following:

- Reviewing the periodic assessment of basin-wide development scenarios in order to ensure that the assessments have considered compliance of the simulated flow regimes with the flows framework in the Technical Guidelines.
- Reviewing the results of scenario assessments and the periodically updated IWRM-based Basin Development Strategy in order to identify implications, if any, for the PMFM.

- Providing policy advice to support national planning, decision-making and governance processes regarding the opportunities and limitations of national consumptive water uses, in particular irrigated agriculture.
- Promoting the consumptive use opportunities of the PMFM for economic growth and poverty reduction among stakeholders within Government, Parliament, Sub-basin organizations, and national and foreign investors.
- If requested, facilitating the exchange of data and information between the Member Countries and MRCS in accordance with the agreed MRC Procedures.

The functions of the TRG related to **real time flow monitoring** purposes of the Technical Guidelines include the following:

- Periodically reviewing of the effectiveness of the established web-site for tracking of the implementation of the Technical Guidelines. The website is especially important for raising awareness of real time flow conditions as well as supporting information that explains the causes of and the actions taken to address (emerging) critical flow conditions and transgressions of the Technical Guidelines.
- Facilitating the implementation of rapid assessments and diagnostic studies to identify and describe the causes of (emerging) critical flow conditions and transgressions of the Technical Guidelines. The possible causes could include reservoir operations, extreme weather conditions, unusual water diversions, etc. The national TRG members would: (1) facilitate the early availability of essential data, such as daily data on reservoir storage and releases in one or more tributaries and data on irrigation withdrawals and (2) support the analysis of the issues and the identification of mitigating measures.
- Coordinating and support the agreed actions taken in the Member Countries. The possible action could include the intensification of public reporting to raise awareness of an emerging critical flow conditions, warning of water users and operators, requests to dam operators and/or irrigation operators to make changes in their near-term operations, assessment of the readiness of drought (or flood) contingency plans and actions, implementation of drought (or flood) contingency plans, etc.

Other tasks of the TRG are:

- Representing in meetings the views and interests of the Member Countries, and ensuring the relevance and enabling aspects of the Technical Guidelines of the PMFM for water resources planning and management in the Lower Mekong Basin.
- Supporting the preparation an Annual PMFM Report to the MRC Joint Committee that describes how the Technical Guidelines of the PMFM were implemented during the preceding year and what were the benefits for the countries and their people, and how the PMFM process can be improved.

## B.4 Members of the Technical Review Group

The TRG will comprise of four members from each Member Country and four staff of the MRCS. The following guidance is provided for the selection of the members:

- A representative of the NMC.
- A representative of the water using sectors that impact water flows most, including hydropower and irrigation. Preferably, the two representatives will be senior staff with responsibilities for planning in the Line Agencies responsible for hydropower and irrigation.
- A senior hydrologist with good knowledge of the hydrology of the Mekong Basin, hydrological methods and tools, and water use by the various water related sectors.
- The suggested members of the MRCS comprise the Director of the Planning Division, the Coordinator of the BDP, the Chief Hydrologist (IKMP) and a fourth staff from a relevant programme/project/unit (M-IWRMP, ICCS, and TCU).

The members will be nominated by the NMCs, in consultation with the MRCS. Since, the PMFM would have implications for national development policies and plans, the TRG members must be senior government officials and experts.

## B.5 Meetings of the Technical Review Group

Workshops or meetings will be convened as decided by the NMCs in consultation with the MRCS. The meetings will be moderated by the Director of the Planning Division. It is anticipated that meetings will be held in connection to:

- Scenario assessment and updating of the IWRM-based Basin Development Strategy (a few meetings every five years).
- When important thresholds related to real time monitoring are transgressed: between the ARI 1:10 and ARI 1:20 under Article 6A, outside of the maximum and minimum thresholds band of the accumulated reverse flows to the Tonle Sap Lake under Article 6B, or between the ARI 1:10 and ARI 1:20 under Article 6C.
- In advance of the annual reporting to the MRC Joint Committee (once a year).
- Informal meetings may be held in between the workshops to discuss or resolve specific issues.

At least two weeks before the TRG Meeting, the MRCS Planning Division will send the documents for the meeting to all members of the TRG. Likewise, the TRG members will submit their contributions, such as country briefs, one week in advance of a meeting to the MRCS. A meeting report will be prepared by the MRCS.

The TRG members may bring an additional participant to a meeting as needed at the discretion of the NMC and the MRCS Planning Division.

## **B.6 Facilitation and administrative support**

The BDP of the MRCS Planning Division will facilitate and support the process of implementing the Technical Guidelines of the PMFM at the regional level. This includes coordination, logistical support, meeting agendas, minutes of meetings, technical notes, annual reporting to the Joint Committee, as outlined in the Technical Guidelines.

Technical support will be provided by the Information and Knowledge Management (IKMP) Programme (hydrologists, modellers, and database specialists), the Flood Management and Mitigation Programme (FMMP), the Initiative for Sustainable Hydropower (ISH), the Agriculture and Irrigation Programme (AIP) and other MRC Programmes, as needed. This includes the maintenance of the PMFM website, the periodic updating of the hydropower, irrigation and flood measures databases, and rapid assessments and diagnostic studies, as outlined in the Technical Guidelines.

The National Mekong Committee Secretariats (NMCSs) will facilitate and support the implementation of action at the national level to address (potential) critical flow situations and transgressions of the Technical Guidelines. This includes the intensification of public reporting to raise awareness of emerging critical flow conditions, warning of water users and operators, and the organization of mitigating actions, as described in the Technical Guidelines.

The M-IWRMP will fund meetings and associated costs, as well as consultant inputs, if needed.

As required, a convener will be nominated to facilitate meetings and coordinate follow-up actions among the members of the TRG. The Convener may also provide inputs, as required, to support the review and approval of intermediate and draft final agreements to the MRC Joint Committee.

## **B.7 Amendment of this Term of Reference**

Any amendment of the Term of Reference would be endorsed by the MRC Joint Committee.

## ANNEX C

### FLOW FRAMEWORK FOR ARTICLE 6A FOR PLANNING PURPOSES

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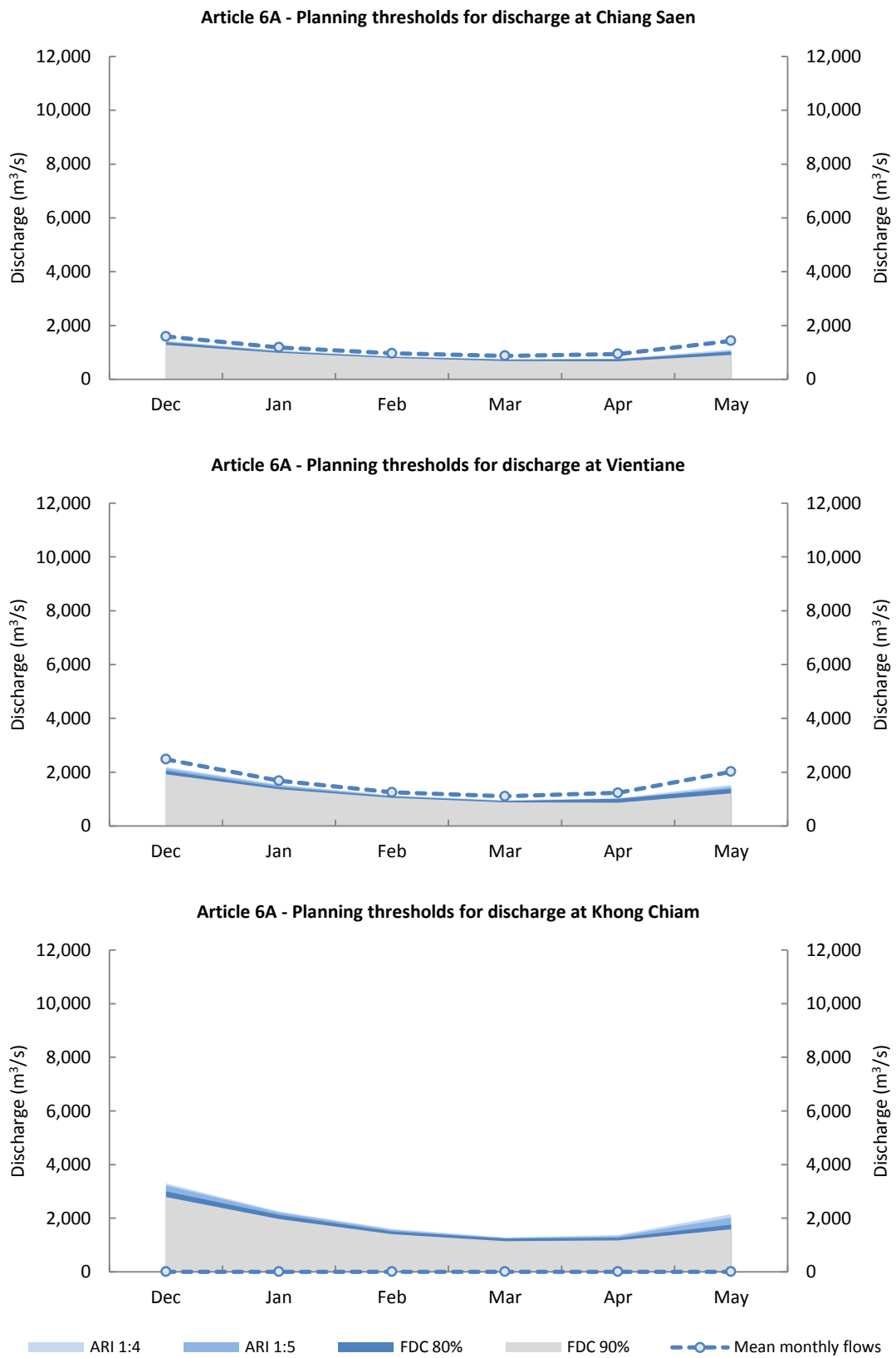
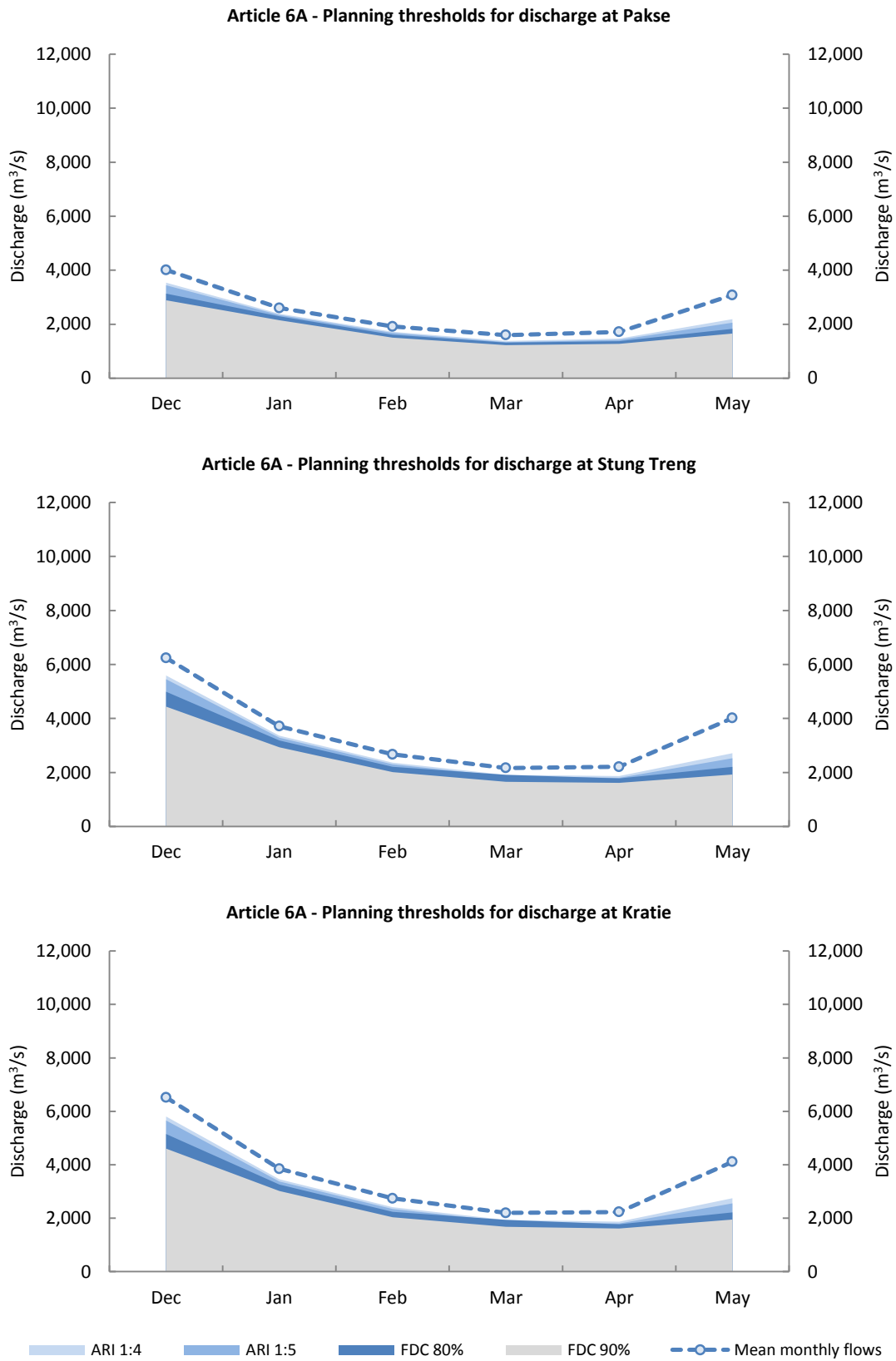


Figure C-1. Planning thresholds for Article 6A at Chiang Saen, Vientiane and Khong Chiam.



**Figure C-2. Planning thresholds for Article 6A at Pakse, Stung Treng and Kratie.**

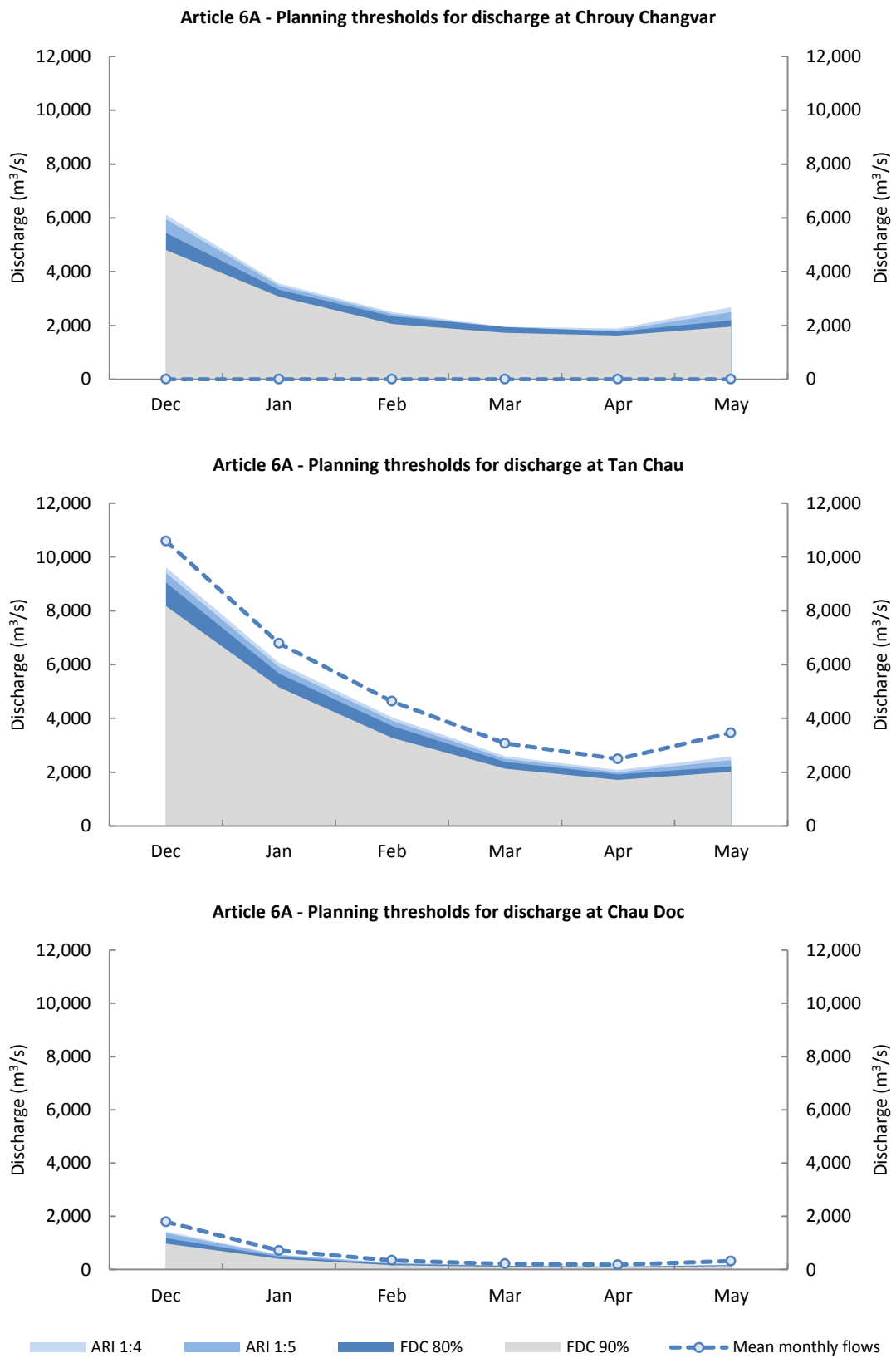


Figure C-3. Planning thresholds for Article 6A at Chrouy Changvar, Tan Chau and Chau Doc.

**Table C-1. Planning thresholds for Article 6A for Annual Recurrence Interval (ARI).**

Article 6A - Planning thresholds for Annual Recurrence Interval (ARI) (m <sup>3</sup> /s)							
Station	ARI	Dec	Jan	Feb	Mar	Apr	May
Chiang Saen	ARI 1:4	1,432	1,074	859	754	767	1,111
	ARI 1:5	1,398	1,051	837	731	735	1,057
Vientiane	ARI 1:4	2,193	1,537	1,140	957	1,034	1,532
	ARI 1:5	2,134	1,506	1,117	928	996	1,451
Khong Chiam	ARI 1:4	3,297	2,253	1,599	1,287	1,372	2,151
	ARI 1:5	3,222	2,210	1,562	1,246	1,325	2,022
Pakse	ARI 1:4	3,539	2,387	1,719	1,378	1,467	2,187
	ARI 1:5	3,442	2,341	1,677	1,335	1,418	2,056
Stung Treng	ARI 1:4	5,592	3,362	2,363	1,908	1,866	2,713
	ARI 1:5	5,453	3,287	2,300	1,856	1,799	2,526
Kratie	ARI 1:4	5,806	3,457	2,413	1,935	1,870	2,748
	ARI 1:5	5,657	3,375	2,345	1,881	1,801	2,555
Chrouy Changvar	ARI 1:4	6,112	3,564	2,497	1,952	1,891	2,679
	ARI 1:5	5,952	3,476	2,427	1,897	1,823	2,498
Tan Chau	ARI 1:4	9,616	6,067	4,038	2,595	2,078	2,590
	ARI 1:5	9,402	5,913	3,913	2,500	1,993	2,447
Chau Doc	ARI 1:4	1,435	566	257	148	115	188
	ARI 1:5	1,369	539	242	139	107	172

Note: ARI 1:5 = 80% probability of exceedance and ARI 1:4 = 75% probability of exceedance.

**Table C-2. Planning thresholds for Article 6A for Flow Duration Curve (FDC).**

Article 6A - Planning thresholds for Flow Duration Curve (FDC) (m <sup>3</sup> /s)							
Station	FDC	Dec	Jan	Feb	Mar	Apr	May
Chiang Saen	FDC 80%	1,379	1,031	834	733	752	1,026
	FDC 90%	1,281	985	796	679	669	906
Vientiane	FDC 80%	2,049	1,442	1,093	929	1,013	1,379
	FDC 90%	1,919	1,368	1,047	878	863	1,211
Khong Chiam	FDC 80%	3,001	2,121	1,503	1,244	1,271	1,758
	FDC 90%	2,789	1,968	1,403	1,142	1,171	1,586
Pakse	FDC 80%	3,133	2,292	1,611	1,319	1,371	1,829
	FDC 90%	2,888	2,148	1,502	1,224	1,272	1,654
Stung Treng	FDC 80%	4,990	3,185	2,209	1,912	1,778	2,206
	FDC 90%	4,439	2,932	2,012	1,653	1,614	1,923
Kratie	FDC 80%	5,151	3,260	2,239	1,938	1,772	2,218
	FDC 90%	4,605	3,019	2,036	1,679	1,615	1,950
Chrouy Changvar	FDC 80%	5,445	3,329	2,342	1,945	1,775	2,190
	FDC 90%	4,806	3,076	2,058	1,729	1,629	1,957
Tan Chau	FDC 80%	9,048	5,667	3,718	2,382	1,916	2,217
	FDC 90%	8,175	5,154	3,277	2,130	1,713	2,014
Chau Doc	FDC 80%	1,184	484	207	140	109	160
	FDC 90%	976	404	163	107	81	135

**Table C-3. Planning thresholds for Article 6A for mean monthly flows.**

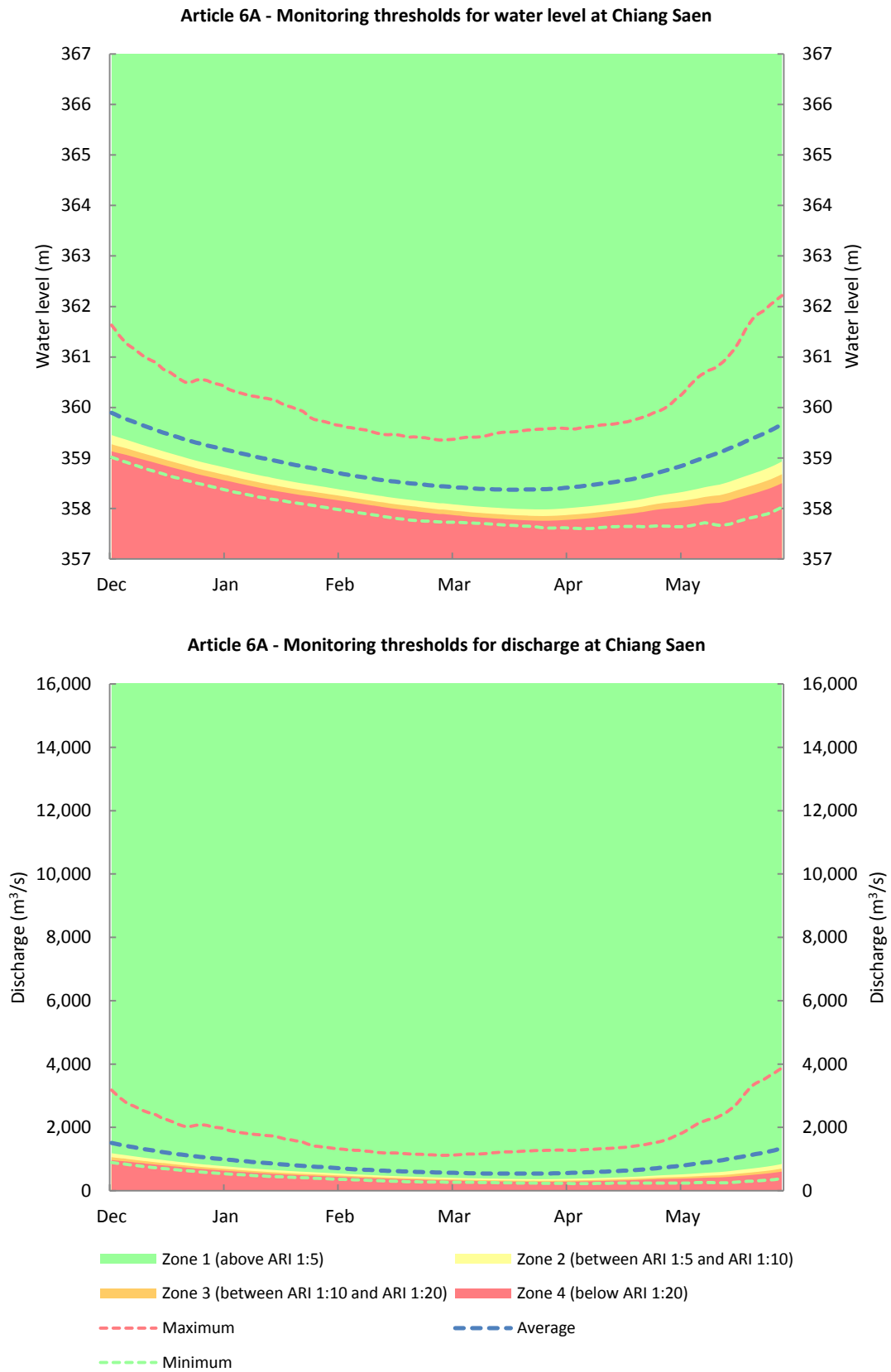
Article 6A - Planning thresholds for mean monthly flows (m <sup>3</sup> /s)							
Station	Dec	Jan	Feb	Mar	Apr	May	
Chiang Saen	1,593	1,185	965	870	940	1,430	
Vientiane	2,480	1,682	1,249	1,100	1,231	2,016	
Khong Chiam	-	-	-	-	-	-	
Pakse	4,010	2,598	1,917	1,598	1,716	3,078	
Stung Treng	6,242	3,713	2,668	2,163	2,210	4,013	
Kratie	6,518	3,850	2,740	2,197	2,232	4,113	
Chrouy Changvar	-	-	-	-	-	-	
Tan Chau	10,591	6,793	4,630	3,072	2,490	3,462	
Chau Doc	1,792	714	343	213	180	318	

## ANNEX D

### FLOW FRAMEWORK FOR ARTICLE 6A FOR MONITORING PURPOSES

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**Table D-1. Monitoring thresholds for Article 6A for water level at Chiang Saen.**

<b>Article 6A - Monitoring thresholds for water level at Chiang Saen (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	359.453	359.271	359.132	361.629	359.892	359.016
02-Dec	359.428	359.248	359.111	361.535	359.861	358.990
03-Dec	359.405	359.228	359.094	361.430	359.828	358.964
04-Dec	359.383	359.209	359.077	361.347	359.797	358.938
05-Dec	359.361	359.190	359.060	361.266	359.768	358.913
06-Dec	359.337	359.168	359.039	361.210	359.740	358.888
07-Dec	359.314	359.146	359.019	361.164	359.714	358.865
08-Dec	359.290	359.124	358.998	361.109	359.686	358.841
09-Dec	359.266	359.102	358.978	361.052	359.658	358.817
10-Dec	359.244	359.082	358.959	361.000	359.630	358.794
11-Dec	359.221	359.061	358.939	360.960	359.605	358.771
12-Dec	359.200	359.041	358.920	360.923	359.580	358.748
13-Dec	359.177	359.019	358.899	360.894	359.555	358.726
14-Dec	359.155	358.998	358.879	360.824	359.529	358.705
15-Dec	359.133	358.977	358.859	360.756	359.503	358.683
16-Dec	359.111	358.956	358.839	360.727	359.479	358.661
17-Dec	359.090	358.936	358.819	360.689	359.457	358.640
18-Dec	359.069	358.916	358.800	360.639	359.434	358.619
19-Dec	359.048	358.896	358.781	360.582	359.411	358.599
20-Dec	359.028	358.877	358.763	360.536	359.388	358.580
21-Dec	359.006	358.857	358.744	360.499	359.365	358.561
22-Dec	358.985	358.836	358.723	360.487	359.343	358.542
23-Dec	358.965	358.817	358.704	360.513	359.323	358.523
24-Dec	358.945	358.796	358.684	360.545	359.304	358.504
25-Dec	358.926	358.779	358.667	360.553	359.284	358.486
26-Dec	358.908	358.761	358.650	360.549	359.265	358.468
27-Dec	358.891	358.745	358.634	360.530	359.246	358.452
28-Dec	358.873	358.728	358.617	360.498	359.228	358.435
29-Dec	358.857	358.712	358.602	360.473	359.212	358.417
30-Dec	358.840	358.694	358.585	360.457	359.196	358.400
31-Dec	358.823	358.677	358.567	360.439	359.180	358.383
01-Jan	358.807	358.661	358.552	360.397	359.163	358.365
02-Jan	358.790	358.645	358.536	360.355	359.145	358.348
03-Jan	358.773	358.627	358.520	360.329	359.128	358.331
04-Jan	358.755	358.611	358.503	360.302	359.111	358.315
05-Jan	358.738	358.594	358.487	360.285	359.093	358.301
06-Jan	358.722	358.578	358.472	360.265	359.076	358.287
07-Jan	358.706	358.563	358.456	360.245	359.059	358.271
08-Jan	358.689	358.547	358.441	360.228	359.043	358.256
09-Jan	358.674	358.532	358.426	360.217	359.027	358.241
10-Jan	358.658	358.516	358.410	360.203	359.011	358.226
11-Jan	358.643	358.501	358.396	360.187	358.996	358.213
12-Jan	358.629	358.487	358.382	360.179	358.981	358.200
13-Jan	358.615	358.473	358.368	360.166	358.966	358.188
14-Jan	358.599	358.459	358.354	360.150	358.951	358.176
15-Jan	358.585	358.445	358.341	360.126	358.935	358.165
16-Jan	358.571	358.432	358.328	360.081	358.919	358.154
17-Jan	358.557	358.419	358.317	360.049	358.903	358.143
18-Jan	358.543	358.406	358.304	360.025	358.888	358.131
19-Jan	358.530	358.393	358.292	360.002	358.873	358.120
20-Jan	358.517	358.381	358.280	359.974	358.858	358.109
21-Jan	358.504	358.368	358.268	359.953	358.845	358.098
22-Jan	358.493	358.358	358.258	359.918	358.832	358.087
23-Jan	358.481	358.347	358.248	359.858	358.818	358.076
24-Jan	358.471	358.338	358.240	359.799	358.804	358.066
25-Jan	358.459	358.327	358.229	359.762	358.791	358.055
26-Jan	358.446	358.315	358.218	359.746	358.778	358.043
27-Jan	358.435	358.305	358.207	359.732	358.765	358.031
28-Jan	358.424	358.294	358.197	359.718	358.752	358.019
29-Jan	358.411	358.282	358.186	359.696	358.737	358.007
30-Jan	358.399	358.272	358.176	359.676	358.722	357.995
31-Jan	358.387	358.261	358.166	359.655	358.708	357.984

**Table D-1. Monitoring thresholds for Article 6A for water level at Chiang Saen (continued).**

<b>Article 6A - Monitoring thresholds for water level at Chiang Saen (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	358.374	358.249	358.155	359.642	358.694	357.973
02-Feb	358.363	358.238	358.145	359.627	358.681	357.962
03-Feb	358.351	358.227	358.134	359.608	358.668	357.950
04-Feb	358.339	358.215	358.122	359.598	358.655	357.939
05-Feb	358.327	358.204	358.111	359.587	358.644	357.927
06-Feb	358.315	358.192	358.100	359.576	358.632	357.915
07-Feb	358.304	358.181	358.089	359.564	358.621	357.904
08-Feb	358.293	358.170	358.078	359.551	358.611	357.893
09-Feb	358.281	358.159	358.067	359.531	358.600	357.882
10-Feb	358.270	358.147	358.056	359.511	358.589	357.872
11-Feb	358.258	358.136	358.045	359.493	358.577	357.861
12-Feb	358.247	358.125	358.034	359.476	358.566	357.850
13-Feb	358.236	358.114	358.023	359.464	358.557	357.838
14-Feb	358.225	358.103	358.013	359.460	358.548	357.827
15-Feb	358.215	358.093	358.002	359.464	358.540	357.815
16-Feb	358.205	358.083	357.993	359.462	358.531	357.805
17-Feb	358.196	358.074	357.984	359.455	358.523	357.796
18-Feb	358.187	358.065	357.975	359.439	358.514	357.788
19-Feb	358.178	358.056	357.966	359.424	358.506	357.779
20-Feb	358.170	358.048	357.957	359.414	358.498	357.769
21-Feb	358.161	358.039	357.949	359.416	358.491	357.762
22-Feb	358.152	358.030	357.940	359.410	358.484	357.756
23-Feb	358.143	358.021	357.931	359.404	358.476	357.753
24-Feb	358.135	358.012	357.922	359.400	358.469	357.750
25-Feb	358.126	358.004	357.914	359.387	358.462	357.747
26-Feb	358.118	357.995	357.905	359.376	358.455	357.744
27-Feb	358.110	357.987	357.897	359.367	358.448	357.739
28-Feb	358.102	357.978	357.889	359.355	358.441	357.734
29-Feb	358.102	357.978	357.889	359.355	358.441	357.734
01-Mar	358.094	357.971	357.881	359.360	358.434	357.729
02-Mar	358.086	357.963	357.874	359.365	358.428	357.726
03-Mar	358.078	357.955	357.866	359.369	358.421	357.725
04-Mar	358.072	357.948	357.859	359.380	358.415	357.723
05-Mar	358.065	357.941	357.852	359.394	358.410	357.721
06-Mar	358.057	357.934	357.844	359.408	358.405	357.717
07-Mar	358.051	357.927	357.838	359.412	358.400	357.714
08-Mar	358.045	357.921	357.832	359.412	358.395	357.710
09-Mar	358.039	357.916	357.827	359.411	358.391	357.708
10-Mar	358.034	357.911	357.822	359.418	358.387	357.705
11-Mar	358.029	357.905	357.816	359.428	358.384	357.702
12-Mar	358.024	357.900	357.811	359.445	358.381	357.697
13-Mar	358.019	357.895	357.806	359.464	358.379	357.691
14-Mar	358.015	357.891	357.801	359.478	358.377	357.685
15-Mar	358.011	357.886	357.796	359.495	358.376	357.680
16-Mar	358.006	357.882	357.792	359.506	358.375	357.675
17-Mar	358.002	357.877	357.786	359.511	358.373	357.668
18-Mar	357.999	357.873	357.782	359.509	358.372	357.665
19-Mar	357.995	357.869	357.778	359.515	358.371	357.662
20-Mar	357.991	357.865	357.773	359.524	358.372	357.659
21-Mar	357.989	357.862	357.770	359.536	358.372	357.655
22-Mar	357.987	357.859	357.767	359.542	358.374	357.651
23-Mar	357.985	357.856	357.764	359.552	358.375	357.648
24-Mar	357.983	357.853	357.761	359.555	358.376	357.644
25-Mar	357.981	357.851	357.758	359.565	358.377	357.637
26-Mar	357.981	357.850	357.757	359.570	358.379	357.628
27-Mar	357.981	357.849	357.755	359.571	358.380	357.618
28-Mar	357.981	357.850	357.756	359.583	358.382	357.614
29-Mar	357.983	357.852	357.757	359.580	358.384	357.612
30-Mar	357.986	357.854	357.760	359.583	358.388	357.614
31-Mar	357.990	357.857	357.762	359.594	358.394	357.616

**Table D-1. Monitoring thresholds for Article 6A for water level at Chiang Saen (continued).**

<b>Article 6A - Monitoring thresholds for water level at Chiang Saen (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	357.995	357.862	357.766	359.591	358.399	357.618
02-Apr	358.000	357.866	357.771	359.586	358.406	357.615
03-Apr	358.006	357.872	357.775	359.580	358.413	357.611
04-Apr	358.012	357.877	357.780	359.575	358.420	357.607
05-Apr	358.018	357.882	357.785	359.577	358.428	357.604
06-Apr	358.025	357.888	357.790	359.589	358.436	357.603
07-Apr	358.031	357.894	357.795	359.600	358.445	357.601
08-Apr	358.038	357.900	357.801	359.611	358.455	357.600
09-Apr	358.045	357.906	357.807	359.622	358.463	357.602
10-Apr	358.054	357.914	357.814	359.622	358.472	357.608
11-Apr	358.062	357.922	357.822	359.643	358.480	357.616
12-Apr	358.070	357.930	357.829	359.655	358.489	357.624
13-Apr	358.079	357.939	357.838	359.656	358.498	357.629
14-Apr	358.088	357.947	357.846	359.662	358.508	357.634
15-Apr	358.098	357.956	357.854	359.670	358.519	357.637
16-Apr	358.107	357.965	357.862	359.680	358.529	357.640
17-Apr	358.117	357.974	357.871	359.693	358.541	357.645
18-Apr	358.127	357.983	357.879	359.703	358.553	357.645
19-Apr	358.138	357.993	357.888	359.714	358.564	357.645
20-Apr	358.148	358.002	357.896	359.735	358.577	357.644
21-Apr	358.159	358.012	357.905	359.759	358.592	357.643
22-Apr	358.172	358.022	357.915	359.778	358.607	357.642
23-Apr	358.185	358.034	357.925	359.802	358.624	357.640
24-Apr	358.200	358.048	357.938	359.830	358.642	357.640
25-Apr	358.216	358.063	357.951	359.854	358.661	357.643
26-Apr	358.231	358.076	357.964	359.887	358.681	357.647
27-Apr	358.246	358.089	357.975	359.913	358.701	357.653
28-Apr	358.259	358.099	357.984	359.940	358.722	357.653
29-Apr	358.271	358.109	357.992	359.978	358.743	357.651
30-Apr	358.282	358.117	357.998	360.026	358.763	357.647
01-May	358.293	358.126	358.005	360.083	358.784	357.643
02-May	358.303	358.133	358.010	360.154	358.805	357.639
03-May	358.314	358.141	358.016	360.210	358.826	357.637
04-May	358.326	358.150	358.024	360.271	358.849	357.640
05-May	358.340	358.161	358.033	360.349	358.875	357.646
06-May	358.355	358.173	358.042	360.436	358.903	357.656
07-May	358.370	358.185	358.051	360.510	358.931	357.671
08-May	358.385	358.197	358.061	360.584	358.957	357.688
09-May	358.402	358.212	358.074	360.642	358.981	357.703
10-May	358.419	358.226	358.087	360.685	359.006	357.716
11-May	358.433	358.236	358.095	360.729	359.031	357.707
12-May	358.446	358.246	358.102	360.755	359.056	357.691
13-May	358.459	358.254	358.107	360.787	359.083	357.676
14-May	358.470	358.260	358.111	360.847	359.109	357.663
15-May	358.490	358.277	358.126	360.904	359.137	357.670
16-May	358.511	358.296	358.143	360.973	359.165	357.680
17-May	358.534	358.316	358.162	361.061	359.195	357.691
18-May	358.561	358.341	358.185	361.147	359.226	357.716
19-May	358.587	358.365	358.207	361.258	359.256	357.740
20-May	358.612	358.387	358.228	361.387	359.288	357.763
21-May	358.637	358.409	358.248	361.530	359.322	357.787
22-May	358.662	358.432	358.269	361.648	359.354	357.806
23-May	358.686	358.454	358.289	361.753	359.386	357.823
24-May	358.712	358.477	358.310	361.823	359.417	357.837
25-May	358.736	358.500	358.332	361.873	359.447	357.855
26-May	358.764	358.525	358.356	361.915	359.479	357.873
27-May	358.793	358.551	358.379	361.977	359.514	357.891
28-May	358.823	358.578	358.405	362.043	359.549	357.914
29-May	358.856	358.610	358.435	362.096	359.586	357.950
30-May	358.892	358.643	358.466	362.158	359.625	357.988
31-May	358.930	358.678	358.500	362.216	359.665	358.024

**Table D-2. Monitoring thresholds for Article 6A for discharge at Chiang Saen.**

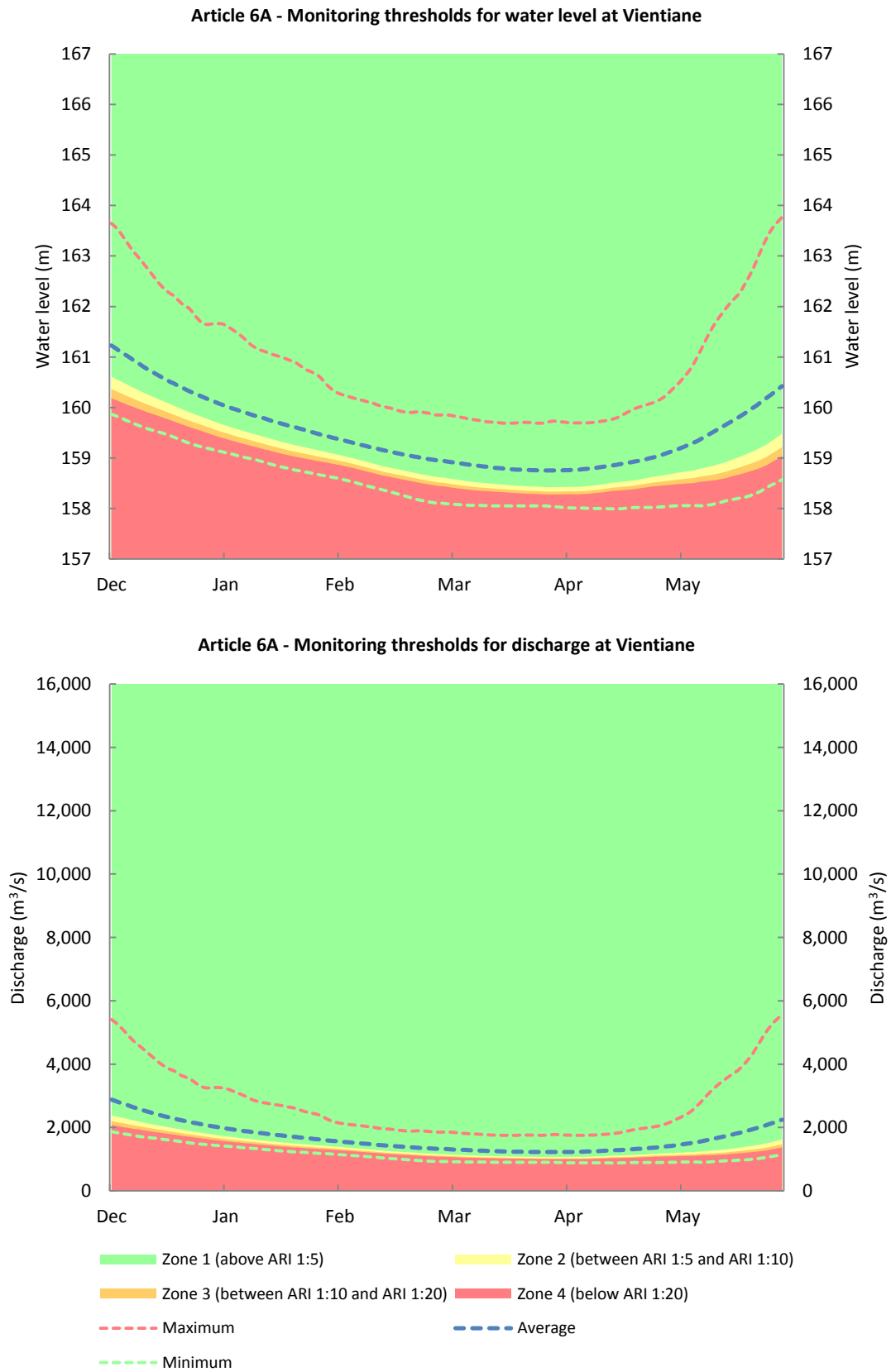
Article 6A - Monitoring thresholds for discharge at Chiang Saen (m <sup>3</sup> /s)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Dec	1,185	1,060	969	3,177	1,514	896
02-Dec	1,167	1,045	956	3,072	1,489	880
03-Dec	1,151	1,032	945	2,958	1,464	864
04-Dec	1,136	1,019	934	2,868	1,439	849
05-Dec	1,121	1,007	923	2,782	1,417	834
06-Dec	1,104	992	910	2,723	1,395	819
07-Dec	1,089	978	898	2,675	1,375	805
08-Dec	1,073	964	885	2,619	1,355	791
09-Dec	1,057	950	873	2,561	1,333	777
10-Dec	1,042	937	861	2,508	1,313	764
11-Dec	1,027	924	849	2,468	1,295	751
12-Dec	1,013	911	837	2,431	1,276	738
13-Dec	998	898	825	2,403	1,258	725
14-Dec	984	885	813	2,335	1,239	713
15-Dec	970	872	802	2,269	1,221	702
16-Dec	956	860	790	2,241	1,203	690
17-Dec	942	847	778	2,205	1,188	678
18-Dec	929	836	767	2,159	1,172	667
19-Dec	916	824	757	2,105	1,156	656
20-Dec	903	812	746	2,063	1,140	646
21-Dec	890	800	735	2,029	1,124	636
22-Dec	877	788	724	2,018	1,109	626
23-Dec	865	777	713	2,042	1,095	616
24-Dec	852	765	702	2,071	1,082	606
25-Dec	842	755	693	2,079	1,069	597
26-Dec	831	745	683	2,075	1,056	588
27-Dec	820	736	675	2,058	1,043	580
28-Dec	810	726	666	2,029	1,032	571
29-Dec	801	717	658	2,006	1,021	562
30-Dec	790	708	648	1,991	1,011	554
31-Dec	780	698	639	1,975	1,000	545
01-Jan	771	689	631	1,937	989	537
02-Jan	762	680	623	1,901	977	529
03-Jan	752	671	614	1,877	967	521
04-Jan	742	662	606	1,854	955	513
05-Jan	732	653	597	1,839	944	506
06-Jan	723	645	590	1,822	934	499
07-Jan	714	637	582	1,805	923	492
08-Jan	705	628	574	1,790	913	485
09-Jan	697	620	567	1,781	903	478
10-Jan	688	612	559	1,768	893	472
11-Jan	680	605	552	1,755	884	465
12-Jan	672	598	545	1,748	875	460
13-Jan	664	591	538	1,738	865	454
14-Jan	656	583	532	1,724	856	449
15-Jan	648	576	525	1,704	847	444
16-Jan	641	570	519	1,666	837	439
17-Jan	634	563	514	1,640	827	434
18-Jan	627	557	508	1,620	818	429
19-Jan	620	551	502	1,601	810	424
20-Jan	613	544	496	1,579	801	420
21-Jan	606	538	491	1,562	793	415
22-Jan	600	533	486	1,534	786	410
23-Jan	594	528	481	1,487	778	405
24-Jan	589	524	478	1,440	770	401
25-Jan	583	518	473	1,412	762	396
26-Jan	577	513	468	1,400	755	391
27-Jan	571	508	463	1,389	748	386
28-Jan	566	503	458	1,379	740	381
29-Jan	559	497	453	1,362	732	376
30-Jan	553	492	449	1,347	723	372
31-Jan	547	487	444	1,331	715	367

**Table D-2. Monitoring thresholds for Article 6A for discharge at Chiang Saen (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Chiang Saen (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	541	482	440	1,322	708	363
02-Feb	536	477	435	1,311	700	358
03-Feb	530	472	430	1,297	693	354
04-Feb	524	466	425	1,290	686	349
05-Feb	518	461	420	1,281	680	344
06-Feb	513	456	415	1,273	674	340
07-Feb	508	451	411	1,264	668	335
08-Feb	502	446	406	1,255	662	331
09-Feb	497	441	401	1,241	656	327
10-Feb	492	436	397	1,226	650	323
11-Feb	486	431	392	1,214	645	319
12-Feb	481	426	388	1,201	639	314
13-Feb	476	421	383	1,193	634	310
14-Feb	471	417	379	1,190	629	306
15-Feb	466	412	374	1,193	625	302
16-Feb	462	408	371	1,192	620	298
17-Feb	458	404	367	1,187	616	294
18-Feb	454	401	363	1,175	611	292
19-Feb	450	397	360	1,165	607	288
20-Feb	446	393	356	1,158	603	285
21-Feb	442	390	353	1,159	600	282
22-Feb	438	386	349	1,155	596	280
23-Feb	434	382	346	1,151	592	279
24-Feb	430	379	342	1,148	588	278
25-Feb	427	375	339	1,139	585	277
26-Feb	423	372	336	1,131	581	276
27-Feb	420	368	333	1,125	578	274
28-Feb	416	365	329	1,117	574	272
29-Feb	416	365	329	1,117	574	272
01-Mar	413	362	327	1,121	571	270
02-Mar	410	359	324	1,124	568	270
03-Mar	406	355	321	1,127	564	269
04-Mar	403	352	318	1,134	561	269
05-Mar	400	350	315	1,144	559	268
06-Mar	397	347	312	1,153	556	266
07-Mar	395	344	310	1,156	554	265
08-Mar	392	342	308	1,157	551	264
09-Mar	390	340	306	1,156	549	263
10-Mar	388	338	304	1,161	547	262
11-Mar	385	336	302	1,167	546	261
12-Mar	383	334	300	1,180	545	259
13-Mar	382	332	298	1,193	543	257
14-Mar	380	330	296	1,203	543	255
15-Mar	378	328	295	1,214	542	254
16-Mar	376	327	293	1,223	541	252
17-Mar	374	325	291	1,226	541	249
18-Mar	373	323	290	1,225	540	249
19-Mar	371	322	288	1,229	540	248
20-Mar	370	320	286	1,236	540	246
21-Mar	369	319	285	1,244	540	245
22-Mar	368	318	284	1,248	541	244
23-Mar	367	317	283	1,256	542	243
24-Mar	367	316	282	1,258	542	241
25-Mar	366	315	281	1,266	543	239
26-Mar	366	315	280	1,269	544	236
27-Mar	366	314	280	1,270	544	233
28-Mar	366	314	280	1,279	545	232
29-Mar	367	315	281	1,276	546	231
30-Mar	368	316	281	1,278	548	231
31-Mar	369	317	282	1,286	551	232

**Table D-2. Monitoring thresholds for Article 6A for discharge at Chiang Saen (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Chiang Saen (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	371	319	284	1,284	554	233
02-Apr	374	321	285	1,281	557	232
03-Apr	376	323	287	1,276	560	231
04-Apr	378	325	289	1,273	564	229
05-Apr	381	327	290	1,274	568	228
06-Apr	384	329	292	1,283	572	228
07-Apr	386	331	294	1,291	576	227
08-Apr	389	334	296	1,299	581	227
09-Apr	392	336	298	1,307	585	228
10-Apr	396	339	301	1,307	590	230
11-Apr	399	342	304	1,322	594	232
12-Apr	403	345	307	1,331	598	235
13-Apr	407	349	310	1,333	603	237
14-Apr	411	352	313	1,336	608	238
15-Apr	415	356	316	1,343	614	239
16-Apr	419	359	319	1,350	619	240
17-Apr	423	363	323	1,360	625	242
18-Apr	427	367	326	1,368	631	242
19-Apr	432	371	329	1,375	638	242
20-Apr	437	374	332	1,392	644	242
21-Apr	441	378	336	1,410	652	241
22-Apr	447	383	339	1,424	660	241
23-Apr	453	388	344	1,443	669	240
24-Apr	460	393	349	1,465	679	240
25-Apr	467	400	354	1,483	690	241
26-Apr	474	405	359	1,509	700	242
27-Apr	480	411	363	1,530	712	244
28-Apr	486	415	367	1,551	723	244
29-Apr	492	419	370	1,582	735	244
30-Apr	497	423	373	1,621	746	243
01-May	502	427	376	1,668	758	241
02-May	507	430	378	1,727	770	240
03-May	512	433	380	1,775	782	239
04-May	518	437	383	1,827	796	240
05-May	525	442	387	1,895	811	242
06-May	532	447	391	1,973	828	246
07-May	539	453	395	2,039	844	251
08-May	547	458	399	2,107	860	256
09-May	555	465	404	2,161	875	261
10-May	563	471	410	2,201	890	266
11-May	570	476	413	2,243	905	263
12-May	577	480	416	2,268	921	257
13-May	583	484	419	2,299	938	252
14-May	589	487	420	2,357	954	248
15-May	599	495	427	2,413	972	250
16-May	610	504	434	2,481	990	253
17-May	622	513	442	2,569	1,009	257
18-May	636	525	453	2,658	1,030	266
19-May	650	537	463	2,773	1,050	274
20-May	663	548	472	2,911	1,072	283
21-May	676	559	482	3,066	1,094	291
22-May	690	570	491	3,198	1,116	298
23-May	703	581	500	3,317	1,139	304
24-May	717	592	511	3,398	1,160	310
25-May	731	604	521	3,456	1,181	316
26-May	747	617	532	3,505	1,203	323
27-May	763	631	544	3,579	1,228	330
28-May	780	645	556	3,657	1,254	339
29-May	800	662	571	3,721	1,281	353
30-May	821	679	587	3,796	1,309	369
31-May	844	699	604	3,868	1,339	383



**Figure D-2. Monitoring thresholds for Article 6A at Vientiane.**

**Table D-3. Monitoring thresholds for Article 6A for water level at Vientiane.**

<b>Article 6A - Monitoring thresholds for water level at Vientiane (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	160.612	160.368	160.185	163.648	161.230	159.870
02-Dec	160.573	160.333	160.154	163.586	161.180	159.840
03-Dec	160.536	160.301	160.125	163.503	161.130	159.808
04-Dec	160.500	160.268	160.095	163.402	161.081	159.777
05-Dec	160.463	160.235	160.065	163.295	161.034	159.747
06-Dec	160.425	160.203	160.036	163.187	160.985	159.714
07-Dec	160.390	160.173	160.009	163.086	160.935	159.683
08-Dec	160.355	160.141	159.981	163.001	160.886	159.654
09-Dec	160.319	160.110	159.954	162.915	160.839	159.626
10-Dec	160.285	160.080	159.926	162.829	160.794	159.600
11-Dec	160.252	160.051	159.901	162.738	160.751	159.577
12-Dec	160.220	160.023	159.875	162.643	160.708	159.556
13-Dec	160.189	159.995	159.850	162.547	160.666	159.535
14-Dec	160.157	159.968	159.826	162.455	160.624	159.514
15-Dec	160.126	159.941	159.801	162.372	160.583	159.492
16-Dec	160.096	159.913	159.775	162.307	160.545	159.465
17-Dec	160.066	159.885	159.750	162.256	160.508	159.438
18-Dec	160.035	159.856	159.722	162.213	160.472	159.410
19-Dec	160.003	159.827	159.695	162.136	160.435	159.381
20-Dec	159.971	159.798	159.668	162.062	160.399	159.353
21-Dec	159.941	159.770	159.642	162.015	160.364	159.325
22-Dec	159.912	159.744	159.617	161.969	160.329	159.298
23-Dec	159.883	159.717	159.592	161.892	160.296	159.272
24-Dec	159.856	159.692	159.568	161.794	160.263	159.250
25-Dec	159.829	159.667	159.545	161.715	160.232	159.230
26-Dec	159.801	159.641	159.520	161.660	160.201	159.211
27-Dec	159.774	159.615	159.496	161.644	160.171	159.193
28-Dec	159.746	159.589	159.471	161.651	160.141	159.175
29-Dec	159.719	159.563	159.445	161.662	160.112	159.157
30-Dec	159.693	159.538	159.422	161.664	160.084	159.139
31-Dec	159.668	159.515	159.400	161.656	160.057	159.122
01-Jan	159.645	159.493	159.379	161.629	160.030	159.105
02-Jan	159.620	159.470	159.357	161.585	160.004	159.088
03-Jan	159.597	159.448	159.336	161.536	159.978	159.072
04-Jan	159.574	159.426	159.315	161.486	159.954	159.053
05-Jan	159.552	159.405	159.295	161.432	159.929	159.035
06-Jan	159.531	159.385	159.276	161.368	159.905	159.017
07-Jan	159.510	159.366	159.258	161.302	159.881	158.999
08-Jan	159.489	159.346	159.239	161.236	159.858	158.982
09-Jan	159.468	159.325	159.220	161.187	159.835	158.965
10-Jan	159.447	159.306	159.201	161.147	159.813	158.946
11-Jan	159.426	159.285	159.181	161.122	159.792	158.926
12-Jan	159.405	159.266	159.162	161.098	159.771	158.905
13-Jan	159.385	159.246	159.143	161.071	159.749	158.885
14-Jan	159.365	159.227	159.124	161.044	159.728	158.865
15-Jan	159.345	159.207	159.105	161.023	159.707	158.845
16-Jan	159.325	159.189	159.088	161.005	159.686	158.827
17-Jan	159.306	159.171	159.071	160.977	159.665	158.809
18-Jan	159.287	159.153	159.054	160.948	159.644	158.792
19-Jan	159.269	159.136	159.038	160.919	159.625	158.776
20-Jan	159.252	159.120	159.023	160.891	159.604	158.760
21-Jan	159.236	159.105	159.009	160.842	159.584	158.745
22-Jan	159.219	159.090	158.995	160.787	159.563	158.731
23-Jan	159.203	159.075	158.982	160.743	159.543	158.717
24-Jan	159.186	159.060	158.968	160.714	159.522	158.704
25-Jan	159.170	159.045	158.954	160.681	159.502	158.690
26-Jan	159.154	159.030	158.940	160.641	159.482	158.675
27-Jan	159.138	159.015	158.927	160.575	159.461	158.661
28-Jan	159.122	159.002	158.914	160.491	159.442	158.647
29-Jan	159.106	158.987	158.901	160.411	159.422	158.633
30-Jan	159.091	158.973	158.887	160.348	159.403	158.619
31-Jan	159.075	158.958	158.873	160.302	159.385	158.605

**Table D-3. Monitoring thresholds for Article 6A for water level at Vientiane (continued).**

Article 6A - Monitoring thresholds for water level at Vientiane (m msl)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Feb	159.058	158.942	158.858	160.271	159.366	158.589
02-Feb	159.041	158.926	158.843	160.246	159.348	158.571
03-Feb	159.024	158.910	158.827	160.223	159.329	158.553
04-Feb	159.006	158.893	158.811	160.201	159.311	158.535
05-Feb	158.987	158.875	158.794	160.179	159.292	158.515
06-Feb	158.967	158.855	158.775	160.161	159.273	158.495
07-Feb	158.948	158.837	158.756	160.145	159.255	158.475
08-Feb	158.928	158.817	158.737	160.126	159.237	158.455
09-Feb	158.909	158.798	158.719	160.105	159.220	158.436
10-Feb	158.890	158.780	158.701	160.085	159.202	158.417
11-Feb	158.871	158.761	158.683	160.056	159.185	158.399
12-Feb	158.852	158.742	158.664	160.031	159.168	158.380
13-Feb	158.831	158.722	158.645	160.013	159.152	158.361
14-Feb	158.816	158.707	158.631	160.000	159.136	158.342
15-Feb	158.802	158.694	158.617	159.985	159.120	158.324
16-Feb	158.787	158.679	158.604	159.962	159.105	158.304
17-Feb	158.772	158.665	158.589	159.938	159.089	158.281
18-Feb	158.756	158.650	158.575	159.920	159.074	158.259
19-Feb	158.741	158.635	158.561	159.906	159.059	158.238
20-Feb	158.725	158.620	158.546	159.899	159.045	158.218
21-Feb	158.710	158.605	158.531	159.905	159.031	158.199
22-Feb	158.695	158.590	158.516	159.912	159.018	158.179
23-Feb	158.681	158.575	158.502	159.912	159.005	158.161
24-Feb	158.667	158.563	158.490	159.901	158.992	158.143
25-Feb	158.655	158.550	158.478	159.886	158.979	158.128
26-Feb	158.642	158.537	158.465	159.866	158.967	158.118
27-Feb	158.628	158.524	158.453	159.852	158.955	158.110
28-Feb	158.615	158.511	158.440	159.850	158.944	158.103
29-Feb	158.615	158.511	158.440	159.850	158.944	158.103
01-Mar	158.603	158.499	158.429	159.853	158.933	158.095
02-Mar	158.590	158.487	158.417	159.846	158.922	158.088
03-Mar	158.578	158.475	158.406	159.833	158.910	158.081
04-Mar	158.567	158.465	158.397	159.818	158.900	158.076
05-Mar	158.557	158.456	158.389	159.803	158.889	158.073
06-Mar	158.546	158.446	158.380	159.788	158.879	158.068
07-Mar	158.535	158.436	158.370	159.775	158.870	158.064
08-Mar	158.528	158.429	158.364	159.764	158.860	158.064
09-Mar	158.520	158.423	158.358	159.753	158.851	158.064
10-Mar	158.511	158.414	158.351	159.740	158.841	158.062
11-Mar	158.506	158.410	158.347	159.726	158.832	158.058
12-Mar	158.500	158.406	158.344	159.716	158.824	158.055
13-Mar	158.492	158.398	158.337	159.711	158.815	158.053
14-Mar	158.485	158.392	158.332	159.706	158.807	158.053
15-Mar	158.479	158.387	158.328	159.700	158.799	158.052
16-Mar	158.474	158.383	158.324	159.692	158.792	158.052
17-Mar	158.468	158.377	158.319	159.689	158.785	158.052
18-Mar	158.461	158.371	158.313	159.688	158.780	158.051
19-Mar	158.457	158.367	158.309	159.689	158.775	158.048
20-Mar	158.451	158.361	158.304	159.694	158.771	158.050
21-Mar	158.447	158.357	158.300	159.701	158.767	158.052
22-Mar	158.442	158.352	158.295	159.706	158.764	158.052
23-Mar	158.438	158.349	158.293	159.706	158.761	158.051
24-Mar	158.435	158.346	158.290	159.701	158.759	158.053
25-Mar	158.433	158.344	158.288	159.692	158.756	158.053
26-Mar	158.429	158.341	158.285	159.688	158.755	158.052
27-Mar	158.425	158.337	158.281	159.692	158.754	158.051
28-Mar	158.422	158.334	158.278	159.704	158.753	158.049
29-Mar	158.421	158.333	158.277	159.720	158.753	158.042
30-Mar	158.421	158.333	158.277	159.729	158.754	158.035
31-Mar	158.423	158.334	158.278	159.727	158.754	158.029

**Table D-3. Monitoring thresholds for Article 6A for water level at Vientiane (continued).**

Article 6A - Monitoring thresholds for water level at Vientiane (m msl)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Apr	158.424	158.335	158.278	159.716	158.755	158.023
02-Apr	158.425	158.336	158.279	159.708	158.757	158.017
03-Apr	158.429	158.339	158.282	159.701	158.760	158.014
04-Apr	158.427	158.337	158.280	159.696	158.763	158.009
05-Apr	158.427	158.337	158.279	159.693	158.766	158.007
06-Apr	158.430	158.339	158.280	159.693	158.771	158.007
07-Apr	158.435	158.344	158.285	159.695	158.777	158.008
08-Apr	158.439	158.346	158.287	159.696	158.785	158.006
09-Apr	158.447	158.354	158.294	159.699	158.793	158.003
10-Apr	158.457	158.363	158.303	159.706	158.801	158.000
11-Apr	158.465	158.370	158.309	159.717	158.811	158.000
12-Apr	158.474	158.377	158.315	159.727	158.820	157.999
13-Apr	158.486	158.389	158.326	159.739	158.830	157.997
14-Apr	158.498	158.400	158.336	159.754	158.841	157.994
15-Apr	158.510	158.412	158.347	159.769	158.852	157.992
16-Apr	158.516	158.417	158.351	159.790	158.864	157.992
17-Apr	158.524	158.423	158.356	159.820	158.876	157.995
18-Apr	158.533	158.431	158.364	159.862	158.888	158.001
19-Apr	158.540	158.437	158.369	159.905	158.902	158.009
20-Apr	158.547	158.443	158.374	159.943	158.915	158.015
21-Apr	158.558	158.453	158.383	159.975	158.929	158.018
22-Apr	158.572	158.465	158.395	160.001	158.943	158.020
23-Apr	158.585	158.477	158.405	160.023	158.958	158.022
24-Apr	158.598	158.488	158.415	160.045	158.974	158.020
25-Apr	158.613	158.501	158.426	160.069	158.992	158.020
26-Apr	158.628	158.514	158.438	160.095	159.010	158.022
27-Apr	158.637	158.521	158.443	160.125	159.031	158.026
28-Apr	158.649	158.530	158.450	160.160	159.053	158.033
29-Apr	158.660	158.538	158.457	160.208	159.077	158.037
30-Apr	158.671	158.546	158.462	160.273	159.102	158.041
01-May	158.683	158.555	158.469	160.343	159.127	158.046
02-May	158.697	158.565	158.477	160.415	159.154	158.052
03-May	158.710	158.575	158.485	160.487	159.180	158.056
04-May	158.719	158.580	158.487	160.562	159.208	158.058
05-May	158.732	158.589	158.495	160.645	159.238	158.059
06-May	158.740	158.595	158.498	160.742	159.270	158.058
07-May	158.751	158.601	158.502	160.859	159.302	158.058
08-May	158.772	158.618	158.516	160.999	159.336	158.055
09-May	158.794	158.636	158.531	161.141	159.374	158.053
10-May	158.806	158.644	158.536	161.290	159.416	158.057
11-May	158.822	158.654	158.543	161.436	159.459	158.066
12-May	158.840	158.667	158.553	161.570	159.502	158.080
13-May	158.859	158.681	158.563	161.689	159.545	158.096
14-May	158.879	158.696	158.575	161.794	159.586	158.116
15-May	158.901	158.714	158.589	161.888	159.626	158.136
16-May	158.924	158.731	158.604	161.982	159.667	158.154
17-May	158.954	158.758	158.627	162.072	159.709	158.170
18-May	158.980	158.779	158.646	162.149	159.751	158.183
19-May	159.006	158.801	158.664	162.222	159.795	158.196
20-May	159.034	158.823	158.683	162.324	159.839	158.210
21-May	159.066	158.850	158.706	162.451	159.887	158.225
22-May	159.095	158.874	158.726	162.582	159.935	158.245
23-May	159.127	158.900	158.749	162.725	159.986	158.272
24-May	159.161	158.928	158.773	162.892	160.037	158.301
25-May	159.195	158.958	158.799	163.065	160.090	158.336
26-May	159.234	158.993	158.830	163.231	160.143	158.375
27-May	159.275	159.029	158.863	163.378	160.197	158.416
28-May	159.326	159.075	158.906	163.503	160.252	158.459
29-May	159.375	159.121	158.949	163.608	160.308	158.493
30-May	159.426	159.168	158.992	163.688	160.365	158.529
31-May	159.481	159.218	159.039	163.768	160.424	158.571

**Table D-4. Monitoring thresholds for Article 6A for discharge at Vientiane.**

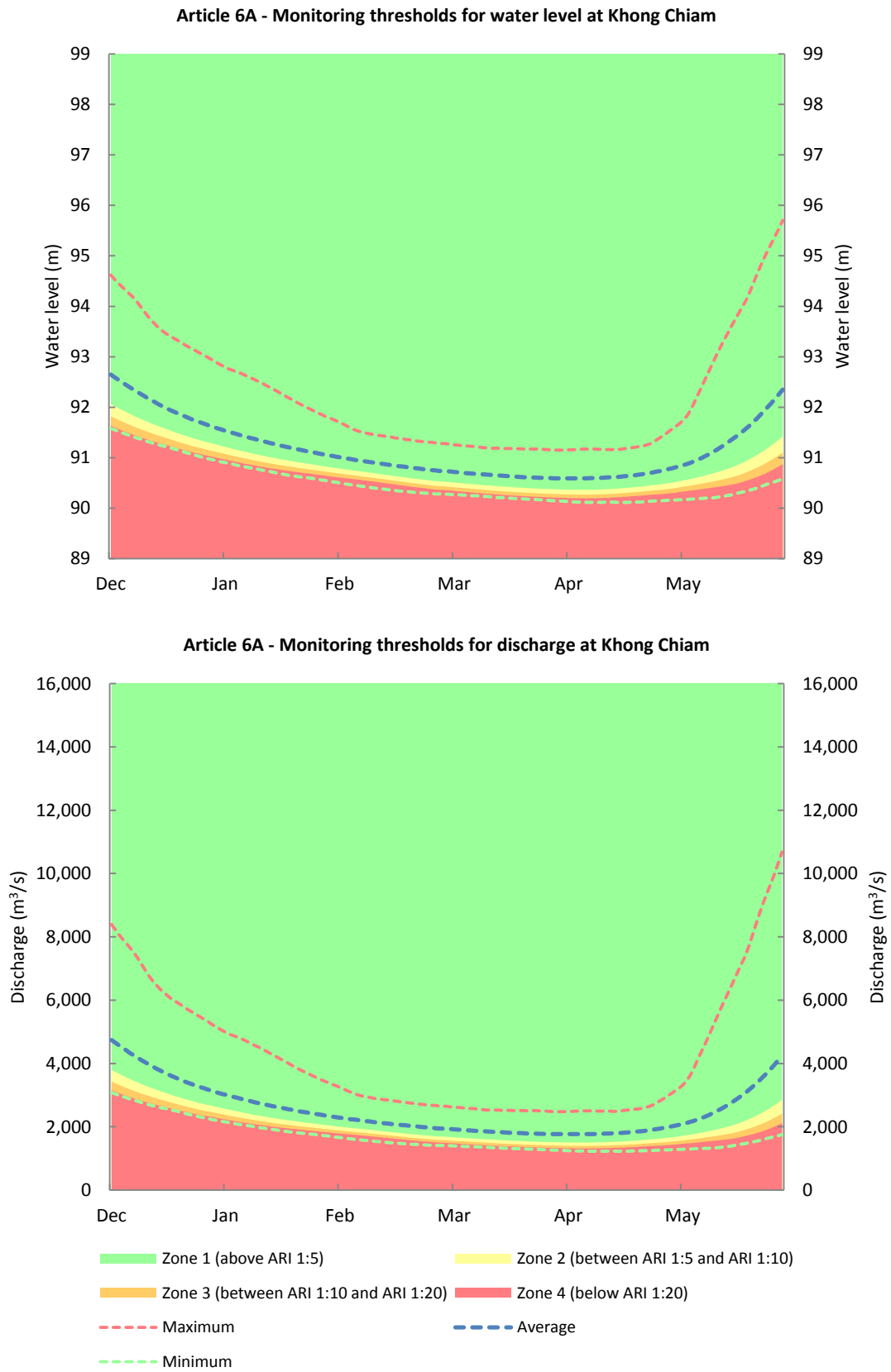
<b>Article 6A - Monitoring thresholds for discharge at Vientiane (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	2,387	2,207	2,078	5,404	2,882	1,867
02-Dec	2,357	2,182	2,056	5,327	2,839	1,847
03-Dec	2,330	2,159	2,036	5,224	2,797	1,827
04-Dec	2,303	2,136	2,016	5,102	2,757	1,807
05-Dec	2,276	2,113	1,996	4,974	2,718	1,788
06-Dec	2,249	2,090	1,976	4,847	2,679	1,767
07-Dec	2,223	2,069	1,958	4,730	2,638	1,747
08-Dec	2,197	2,048	1,940	4,633	2,600	1,729
09-Dec	2,172	2,026	1,921	4,535	2,562	1,712
10-Dec	2,147	2,006	1,903	4,440	2,527	1,696
11-Dec	2,124	1,986	1,886	4,341	2,493	1,682
12-Dec	2,102	1,967	1,870	4,237	2,460	1,670
13-Dec	2,080	1,949	1,854	4,135	2,428	1,657
14-Dec	2,059	1,931	1,838	4,038	2,396	1,644
15-Dec	2,037	1,913	1,822	3,952	2,365	1,631
16-Dec	2,017	1,894	1,806	3,885	2,336	1,615
17-Dec	1,996	1,877	1,789	3,834	2,309	1,599
18-Dec	1,975	1,858	1,772	3,791	2,283	1,583
19-Dec	1,954	1,839	1,755	3,714	2,255	1,566
20-Dec	1,933	1,820	1,738	3,641	2,229	1,549
21-Dec	1,913	1,803	1,722	3,595	2,204	1,533
22-Dec	1,894	1,786	1,707	3,550	2,179	1,518
23-Dec	1,875	1,769	1,691	3,477	2,156	1,503
24-Dec	1,858	1,753	1,677	3,385	2,132	1,490
25-Dec	1,840	1,738	1,663	3,311	2,110	1,479
26-Dec	1,822	1,722	1,648	3,260	2,089	1,469
27-Dec	1,805	1,706	1,633	3,246	2,068	1,458
28-Dec	1,787	1,690	1,618	3,252	2,047	1,448
29-Dec	1,770	1,674	1,603	3,262	2,028	1,438
30-Dec	1,754	1,659	1,590	3,264	2,009	1,429
31-Dec	1,738	1,645	1,577	3,257	1,990	1,419
01-Jan	1,724	1,631	1,564	3,232	1,972	1,410
02-Jan	1,709	1,618	1,552	3,192	1,955	1,401
03-Jan	1,695	1,605	1,540	3,148	1,938	1,392
04-Jan	1,681	1,592	1,528	3,104	1,921	1,382
05-Jan	1,667	1,580	1,516	3,056	1,905	1,372
06-Jan	1,654	1,568	1,505	3,000	1,889	1,362
07-Jan	1,642	1,557	1,495	2,943	1,874	1,353
08-Jan	1,629	1,545	1,484	2,887	1,859	1,344
09-Jan	1,617	1,533	1,474	2,846	1,844	1,335
10-Jan	1,604	1,522	1,463	2,812	1,830	1,325
11-Jan	1,592	1,511	1,452	2,791	1,816	1,314
12-Jan	1,580	1,499	1,441	2,771	1,803	1,304
13-Jan	1,568	1,488	1,431	2,749	1,789	1,293
14-Jan	1,556	1,477	1,420	2,727	1,776	1,283
15-Jan	1,544	1,467	1,410	2,710	1,762	1,272
16-Jan	1,533	1,456	1,401	2,694	1,749	1,263
17-Jan	1,522	1,446	1,391	2,672	1,736	1,254
18-Jan	1,512	1,436	1,382	2,649	1,724	1,246
19-Jan	1,501	1,427	1,374	2,626	1,711	1,237
20-Jan	1,492	1,418	1,366	2,603	1,699	1,229
21-Jan	1,482	1,410	1,358	2,564	1,686	1,222
22-Jan	1,473	1,402	1,351	2,521	1,674	1,215
23-Jan	1,464	1,394	1,344	2,487	1,661	1,208
24-Jan	1,455	1,386	1,336	2,465	1,649	1,201
25-Jan	1,446	1,377	1,329	2,439	1,637	1,194
26-Jan	1,437	1,369	1,322	2,409	1,625	1,187
27-Jan	1,428	1,362	1,315	2,359	1,613	1,180
28-Jan	1,419	1,354	1,308	2,297	1,601	1,173
29-Jan	1,411	1,346	1,301	2,238	1,590	1,167
30-Jan	1,402	1,339	1,294	2,193	1,578	1,160
31-Jan	1,393	1,331	1,287	2,160	1,568	1,153

**Table D-4. Monitoring thresholds for Article 6A for discharge at Vientiane (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Vientiane (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	1,384	1,323	1,279	2,138	1,557	1,145
02-Feb	1,375	1,314	1,271	2,120	1,547	1,137
03-Feb	1,366	1,306	1,263	2,104	1,536	1,128
04-Feb	1,357	1,297	1,255	2,089	1,525	1,119
05-Feb	1,346	1,288	1,246	2,074	1,514	1,110
06-Feb	1,336	1,278	1,237	2,061	1,504	1,101
07-Feb	1,326	1,268	1,227	2,050	1,493	1,091
08-Feb	1,315	1,258	1,218	2,037	1,483	1,082
09-Feb	1,305	1,249	1,209	2,023	1,473	1,073
10-Feb	1,296	1,239	1,200	2,009	1,464	1,065
11-Feb	1,286	1,230	1,191	1,990	1,454	1,056
12-Feb	1,276	1,220	1,182	1,973	1,445	1,047
13-Feb	1,265	1,210	1,172	1,961	1,436	1,039
14-Feb	1,258	1,203	1,165	1,952	1,427	1,031
15-Feb	1,250	1,196	1,159	1,942	1,418	1,022
16-Feb	1,243	1,189	1,152	1,927	1,410	1,013
17-Feb	1,235	1,182	1,145	1,911	1,401	1,003
18-Feb	1,227	1,175	1,139	1,899	1,393	993
19-Feb	1,220	1,168	1,132	1,890	1,385	984
20-Feb	1,212	1,160	1,125	1,885	1,377	976
21-Feb	1,204	1,153	1,117	1,889	1,370	967
22-Feb	1,197	1,146	1,111	1,894	1,363	959
23-Feb	1,190	1,139	1,104	1,894	1,356	951
24-Feb	1,183	1,133	1,098	1,887	1,349	943
25-Feb	1,177	1,127	1,093	1,877	1,342	937
26-Feb	1,171	1,121	1,087	1,864	1,336	933
27-Feb	1,164	1,114	1,081	1,855	1,330	929
28-Feb	1,158	1,108	1,075	1,854	1,324	926
29-Feb	1,158	1,108	1,075	1,854	1,324	926
01-Mar	1,152	1,103	1,070	1,855	1,318	923
02-Mar	1,146	1,097	1,065	1,851	1,312	920
03-Mar	1,140	1,091	1,060	1,843	1,306	917
04-Mar	1,135	1,087	1,055	1,833	1,301	915
05-Mar	1,130	1,082	1,052	1,823	1,295	914
06-Mar	1,125	1,078	1,047	1,814	1,290	912
07-Mar	1,120	1,073	1,043	1,805	1,285	910
08-Mar	1,116	1,070	1,040	1,798	1,280	910
09-Mar	1,113	1,067	1,038	1,792	1,275	910
10-Mar	1,108	1,063	1,034	1,783	1,270	909
11-Mar	1,106	1,061	1,033	1,775	1,266	907
12-Mar	1,103	1,059	1,031	1,769	1,261	906
13-Mar	1,099	1,056	1,028	1,765	1,257	905
14-Mar	1,096	1,053	1,026	1,762	1,253	905
15-Mar	1,093	1,051	1,024	1,758	1,249	905
16-Mar	1,091	1,049	1,022	1,753	1,245	905
17-Mar	1,088	1,046	1,020	1,751	1,242	905
18-Mar	1,085	1,043	1,017	1,751	1,239	904
19-Mar	1,083	1,042	1,016	1,751	1,237	903
20-Mar	1,080	1,039	1,013	1,755	1,235	904
21-Mar	1,079	1,037	1,012	1,759	1,233	905
22-Mar	1,076	1,035	1,009	1,762	1,231	905
23-Mar	1,074	1,034	1,008	1,762	1,230	905
24-Mar	1,073	1,032	1,007	1,759	1,229	905
25-Mar	1,072	1,031	1,006	1,753	1,227	905
26-Mar	1,070	1,030	1,005	1,751	1,227	905
27-Mar	1,068	1,028	1,003	1,753	1,226	905
28-Mar	1,067	1,027	1,002	1,761	1,226	904
29-Mar	1,066	1,026	1,001	1,771	1,226	901
30-Mar	1,066	1,026	1,001	1,776	1,226	898
31-Mar	1,067	1,027	1,002	1,775	1,226	895

**Table D-4. Monitoring thresholds for Article 6A for discharge at Vientiane (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Vientiane (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	1,068	1,027	1,002	1,768	1,227	893
02-Apr	1,068	1,028	1,002	1,763	1,228	891
03-Apr	1,070	1,029	1,004	1,759	1,229	889
04-Apr	1,069	1,028	1,003	1,756	1,231	887
05-Apr	1,069	1,028	1,002	1,754	1,233	886
06-Apr	1,070	1,029	1,003	1,754	1,235	886
07-Apr	1,073	1,031	1,005	1,755	1,238	887
08-Apr	1,075	1,032	1,006	1,756	1,242	886
09-Apr	1,079	1,036	1,009	1,758	1,246	885
10-Apr	1,083	1,040	1,013	1,762	1,250	884
11-Apr	1,087	1,043	1,016	1,769	1,255	883
12-Apr	1,091	1,046	1,018	1,775	1,260	883
13-Apr	1,096	1,052	1,023	1,783	1,265	882
14-Apr	1,102	1,057	1,028	1,792	1,270	881
15-Apr	1,108	1,062	1,033	1,802	1,276	880
16-Apr	1,111	1,064	1,034	1,815	1,282	880
17-Apr	1,114	1,067	1,037	1,834	1,288	881
18-Apr	1,119	1,071	1,040	1,861	1,295	884
19-Apr	1,122	1,074	1,042	1,889	1,302	887
20-Apr	1,125	1,076	1,045	1,914	1,309	890
21-Apr	1,131	1,081	1,049	1,935	1,316	891
22-Apr	1,137	1,087	1,054	1,953	1,323	892
23-Apr	1,143	1,092	1,059	1,967	1,331	892
24-Apr	1,150	1,098	1,064	1,982	1,340	892
25-Apr	1,157	1,103	1,069	1,999	1,349	892
26-Apr	1,164	1,110	1,074	2,016	1,359	893
27-Apr	1,169	1,113	1,077	2,036	1,370	894
28-Apr	1,174	1,117	1,080	2,060	1,382	897
29-Apr	1,180	1,121	1,083	2,094	1,395	899
30-Apr	1,185	1,125	1,085	2,139	1,408	900
01-May	1,191	1,129	1,089	2,189	1,422	902
02-May	1,198	1,134	1,092	2,241	1,437	905
03-May	1,204	1,139	1,096	2,293	1,451	907
04-May	1,209	1,141	1,097	2,349	1,467	908
05-May	1,215	1,145	1,100	2,411	1,484	908
06-May	1,219	1,148	1,102	2,486	1,502	908
07-May	1,225	1,151	1,104	2,578	1,520	907
08-May	1,235	1,159	1,111	2,690	1,540	906
09-May	1,246	1,168	1,118	2,807	1,561	905
10-May	1,253	1,172	1,120	2,933	1,586	907
11-May	1,261	1,177	1,123	3,060	1,611	911
12-May	1,270	1,183	1,128	3,179	1,637	916
13-May	1,280	1,190	1,133	3,287	1,663	923
14-May	1,290	1,198	1,139	3,385	1,688	932
15-May	1,301	1,206	1,145	3,473	1,713	940
16-May	1,313	1,215	1,152	3,563	1,738	948
17-May	1,329	1,228	1,164	3,650	1,764	955
18-May	1,343	1,239	1,173	3,727	1,790	960
19-May	1,357	1,250	1,182	3,799	1,818	966
20-May	1,371	1,261	1,191	3,903	1,847	972
21-May	1,389	1,275	1,203	4,034	1,878	979
22-May	1,405	1,287	1,213	4,172	1,909	988
23-May	1,422	1,301	1,224	4,326	1,943	999
24-May	1,441	1,315	1,236	4,510	1,977	1,012
25-May	1,460	1,331	1,249	4,706	2,012	1,028
26-May	1,482	1,349	1,265	4,899	2,049	1,045
27-May	1,505	1,369	1,282	5,073	2,086	1,064
28-May	1,534	1,394	1,304	5,224	2,124	1,084
29-May	1,562	1,419	1,326	5,353	2,164	1,100
30-May	1,592	1,445	1,349	5,454	2,205	1,117
31-May	1,624	1,473	1,374	5,554	2,247	1,137



**Table D-5. Monitoring thresholds for Article 6A for water level at Khong Chiam.**

<b>Article 6A - Monitoring thresholds for water level at Khong Chiam (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	92.061	91.820	91.633	94.621	92.648	91.582
02-Dec	92.021	91.785	91.601	94.539	92.596	91.552
03-Dec	91.984	91.751	91.571	94.460	92.546	91.524
04-Dec	91.945	91.717	91.540	94.388	92.497	91.497
05-Dec	91.909	91.685	91.512	94.319	92.449	91.470
06-Dec	91.873	91.654	91.484	94.251	92.402	91.443
07-Dec	91.838	91.623	91.456	94.180	92.356	91.418
08-Dec	91.804	91.594	91.430	94.095	92.310	91.393
09-Dec	91.771	91.565	91.404	93.998	92.265	91.368
10-Dec	91.739	91.538	91.380	93.898	92.221	91.343
11-Dec	91.708	91.511	91.357	93.803	92.178	91.318
12-Dec	91.678	91.485	91.334	93.718	92.136	91.295
13-Dec	91.651	91.461	91.313	93.644	92.096	91.273
14-Dec	91.621	91.436	91.291	93.575	92.058	91.253
15-Dec	91.594	91.412	91.270	93.513	92.020	91.234
16-Dec	91.567	91.389	91.249	93.458	91.984	91.217
17-Dec	91.539	91.365	91.227	93.411	91.948	91.198
18-Dec	91.513	91.342	91.207	93.367	91.914	91.178
19-Dec	91.488	91.319	91.186	93.326	91.881	91.157
20-Dec	91.462	91.296	91.166	93.285	91.849	91.135
21-Dec	91.439	91.275	91.147	93.239	91.818	91.111
22-Dec	91.415	91.254	91.127	93.197	91.789	91.088
23-Dec	91.392	91.233	91.108	93.157	91.760	91.066
24-Dec	91.369	91.213	91.090	93.117	91.731	91.044
25-Dec	91.349	91.195	91.073	93.079	91.704	91.023
26-Dec	91.328	91.176	91.056	93.040	91.678	91.004
27-Dec	91.309	91.159	91.042	92.999	91.652	90.985
28-Dec	91.289	91.141	91.025	92.954	91.627	90.967
29-Dec	91.270	91.125	91.010	92.911	91.603	90.950
30-Dec	91.251	91.107	90.995	92.871	91.580	90.933
31-Dec	91.232	91.090	90.978	92.830	91.557	90.917
01-Jan	91.213	91.073	90.962	92.793	91.535	90.902
02-Jan	91.195	91.055	90.946	92.758	91.512	90.886
03-Jan	91.175	91.037	90.929	92.732	91.491	90.871
04-Jan	91.158	91.022	90.915	92.706	91.470	90.854
05-Jan	91.140	91.005	90.899	92.678	91.449	90.838
06-Jan	91.122	90.989	90.884	92.646	91.428	90.823
07-Jan	91.106	90.975	90.871	92.613	91.407	90.809
08-Jan	91.089	90.959	90.857	92.578	91.387	90.796
09-Jan	91.073	90.944	90.844	92.544	91.368	90.782
10-Jan	91.057	90.930	90.831	92.510	91.349	90.767
11-Jan	91.042	90.915	90.817	92.473	91.330	90.753
12-Jan	91.026	90.901	90.805	92.434	91.311	90.738
13-Jan	91.011	90.888	90.792	92.395	91.293	90.724
14-Jan	90.997	90.876	90.781	92.355	91.275	90.709
15-Jan	90.984	90.864	90.770	92.315	91.258	90.695
16-Jan	90.970	90.851	90.759	92.275	91.242	90.680
17-Jan	90.957	90.840	90.749	92.235	91.225	90.667
18-Jan	90.944	90.828	90.738	92.194	91.208	90.655
19-Jan	90.932	90.818	90.729	92.153	91.192	90.643
20-Jan	90.919	90.806	90.719	92.113	91.176	90.632
21-Jan	90.906	90.795	90.708	92.074	91.161	90.623
22-Jan	90.895	90.785	90.699	92.036	91.146	90.613
23-Jan	90.884	90.775	90.690	92.000	91.131	90.604
24-Jan	90.872	90.765	90.681	91.963	91.116	90.594
25-Jan	90.861	90.755	90.672	91.927	91.102	90.584
26-Jan	90.850	90.745	90.663	91.890	91.088	90.573
27-Jan	90.838	90.735	90.653	91.855	91.074	90.561
28-Jan	90.827	90.724	90.644	91.823	91.060	90.549
29-Jan	90.815	90.714	90.634	91.793	91.046	90.536
30-Jan	90.804	90.704	90.624	91.763	91.033	90.524
31-Jan	90.794	90.695	90.615	91.733	91.020	90.512

**Table D-5. Monitoring thresholds for Article 6A for water level at Khong Chiam (continued).**

<b>Article 6A - Monitoring thresholds for water level at Khong Chiam (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	90.783	90.684	90.606	91.700	91.007	90.499
02-Feb	90.773	90.675	90.598	91.665	90.995	90.487
03-Feb	90.764	90.666	90.590	91.625	90.982	90.475
04-Feb	90.754	90.657	90.581	91.589	90.970	90.464
05-Feb	90.744	90.648	90.573	91.556	90.959	90.454
06-Feb	90.734	90.639	90.564	91.528	90.947	90.444
07-Feb	90.724	90.629	90.555	91.508	90.936	90.433
08-Feb	90.715	90.620	90.546	91.492	90.925	90.423
09-Feb	90.704	90.611	90.536	91.475	90.914	90.413
10-Feb	90.694	90.601	90.527	91.460	90.904	90.403
11-Feb	90.684	90.591	90.517	91.449	90.893	90.394
12-Feb	90.674	90.582	90.508	91.438	90.883	90.385
13-Feb	90.665	90.573	90.499	91.427	90.873	90.375
14-Feb	90.654	90.562	90.488	91.416	90.863	90.365
15-Feb	90.644	90.551	90.478	91.405	90.853	90.357
16-Feb	90.634	90.542	90.468	91.393	90.843	90.349
17-Feb	90.625	90.532	90.458	91.383	90.833	90.341
18-Feb	90.615	90.522	90.449	91.373	90.824	90.334
19-Feb	90.605	90.512	90.438	91.362	90.815	90.327
20-Feb	90.595	90.502	90.429	91.352	90.805	90.321
21-Feb	90.586	90.493	90.419	91.342	90.797	90.315
22-Feb	90.577	90.483	90.410	91.331	90.788	90.309
23-Feb	90.568	90.474	90.401	91.321	90.780	90.304
24-Feb	90.560	90.466	90.393	91.313	90.771	90.298
25-Feb	90.552	90.458	90.384	91.306	90.763	90.292
26-Feb	90.543	90.449	90.375	91.300	90.755	90.287
27-Feb	90.534	90.441	90.367	91.293	90.747	90.284
28-Feb	90.527	90.434	90.361	91.283	90.739	90.281
29-Feb	90.527	90.434	90.361	91.283	90.739	90.281
01-Mar	90.520	90.426	90.354	91.274	90.732	90.277
02-Mar	90.513	90.419	90.347	91.265	90.725	90.273
03-Mar	90.505	90.412	90.340	91.257	90.717	90.268
04-Mar	90.499	90.406	90.334	91.250	90.710	90.264
05-Mar	90.493	90.400	90.327	91.242	90.703	90.259
06-Mar	90.486	90.394	90.321	91.235	90.697	90.255
07-Mar	90.480	90.387	90.314	91.228	90.691	90.251
08-Mar	90.474	90.382	90.309	91.223	90.685	90.247
09-Mar	90.468	90.375	90.302	91.216	90.679	90.243
10-Mar	90.462	90.369	90.296	91.206	90.674	90.238
11-Mar	90.456	90.363	90.290	91.197	90.668	90.233
12-Mar	90.451	90.358	90.285	91.191	90.663	90.228
13-Mar	90.445	90.352	90.279	91.187	90.657	90.222
14-Mar	90.439	90.346	90.274	91.186	90.651	90.216
15-Mar	90.434	90.340	90.268	91.186	90.646	90.211
16-Mar	90.428	90.334	90.263	91.184	90.641	90.206
17-Mar	90.423	90.329	90.258	91.182	90.636	90.202
18-Mar	90.418	90.325	90.253	91.180	90.631	90.198
19-Mar	90.413	90.320	90.249	91.177	90.627	90.194
20-Mar	90.408	90.316	90.244	91.175	90.622	90.190
21-Mar	90.404	90.311	90.240	91.175	90.618	90.186
22-Mar	90.400	90.308	90.236	91.174	90.614	90.183
23-Mar	90.396	90.304	90.233	91.173	90.611	90.179
24-Mar	90.393	90.300	90.229	91.174	90.607	90.175
25-Mar	90.389	90.297	90.225	91.174	90.604	90.170
26-Mar	90.385	90.292	90.221	91.172	90.601	90.165
27-Mar	90.382	90.289	90.218	91.168	90.599	90.161
28-Mar	90.379	90.286	90.215	91.162	90.596	90.157
29-Mar	90.377	90.284	90.212	91.156	90.595	90.153
30-Mar	90.375	90.281	90.209	91.151	90.593	90.148
31-Mar	90.372	90.278	90.206	91.149	90.592	90.142

**Table D-5. Monitoring thresholds for Article 6A for water level at Khong Chiam (continued).**

<b>Article 6A - Monitoring thresholds for water level at Khong Chiam (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	90.370	90.276	90.204	91.150	90.591	90.138
02-Apr	90.368	90.273	90.201	91.152	90.590	90.133
03-Apr	90.366	90.271	90.199	91.155	90.590	90.129
04-Apr	90.365	90.270	90.197	91.158	90.590	90.125
05-Apr	90.365	90.269	90.196	91.163	90.591	90.121
06-Apr	90.364	90.268	90.196	91.166	90.591	90.119
07-Apr	90.364	90.268	90.195	91.169	90.592	90.117
08-Apr	90.364	90.267	90.194	91.169	90.593	90.116
09-Apr	90.364	90.268	90.195	91.169	90.594	90.115
10-Apr	90.366	90.270	90.196	91.169	90.596	90.115
11-Apr	90.368	90.272	90.198	91.167	90.598	90.116
12-Apr	90.370	90.274	90.200	91.165	90.601	90.116
13-Apr	90.374	90.277	90.203	91.163	90.605	90.117
14-Apr	90.378	90.281	90.207	91.162	90.609	90.117
15-Apr	90.382	90.285	90.210	91.160	90.614	90.117
16-Apr	90.386	90.289	90.214	91.161	90.618	90.116
17-Apr	90.391	90.294	90.218	91.168	90.624	90.116
18-Apr	90.396	90.298	90.222	91.177	90.631	90.116
19-Apr	90.403	90.304	90.227	91.188	90.638	90.116
20-Apr	90.409	90.309	90.233	91.198	90.645	90.118
21-Apr	90.416	90.316	90.239	91.206	90.654	90.120
22-Apr	90.423	90.322	90.245	91.216	90.663	90.122
23-Apr	90.431	90.329	90.251	91.231	90.672	90.125
24-Apr	90.440	90.337	90.258	91.250	90.683	90.130
25-Apr	90.449	90.344	90.264	91.273	90.695	90.134
26-Apr	90.457	90.350	90.269	91.312	90.709	90.139
27-Apr	90.466	90.356	90.273	91.358	90.724	90.144
28-Apr	90.474	90.363	90.278	91.405	90.739	90.148
29-Apr	90.483	90.370	90.284	91.455	90.755	90.152
30-Apr	90.494	90.379	90.291	91.512	90.772	90.155
01-May	90.505	90.388	90.298	91.568	90.790	90.159
02-May	90.517	90.398	90.307	91.621	90.808	90.163
03-May	90.532	90.411	90.318	91.676	90.829	90.167
04-May	90.548	90.424	90.329	91.742	90.852	90.171
05-May	90.562	90.435	90.337	91.826	90.875	90.174
06-May	90.576	90.445	90.346	91.940	90.901	90.177
07-May	90.592	90.457	90.355	92.092	90.930	90.183
08-May	90.609	90.471	90.365	92.249	90.960	90.189
09-May	90.628	90.485	90.376	92.404	90.993	90.194
10-May	90.647	90.499	90.387	92.552	91.029	90.198
11-May	90.667	90.513	90.397	92.708	91.066	90.201
12-May	90.686	90.527	90.407	92.867	91.106	90.205
13-May	90.708	90.542	90.417	93.022	91.150	90.212
14-May	90.730	90.557	90.428	93.173	91.195	90.225
15-May	90.753	90.573	90.439	93.317	91.244	90.236
16-May	90.777	90.589	90.450	93.454	91.295	90.249
17-May	90.804	90.607	90.463	93.593	91.348	90.263
18-May	90.831	90.628	90.478	93.727	91.401	90.280
19-May	90.862	90.651	90.496	93.855	91.455	90.300
20-May	90.895	90.677	90.516	93.985	91.512	90.317
21-May	90.931	90.706	90.540	94.114	91.574	90.335
22-May	90.970	90.736	90.564	94.276	91.639	90.355
23-May	91.010	90.767	90.589	94.456	91.708	90.376
24-May	91.053	90.801	90.615	94.637	91.781	90.399
25-May	91.097	90.836	90.644	94.808	91.856	90.426
26-May	91.145	90.874	90.675	94.971	91.932	90.453
27-May	91.195	90.916	90.712	95.114	92.009	90.478
28-May	91.248	90.960	90.749	95.254	92.089	90.503
29-May	91.304	91.006	90.789	95.398	92.173	90.527
30-May	91.361	91.054	90.830	95.542	92.260	90.552
31-May	91.418	91.102	90.871	95.706	92.349	90.577

**Table D-6. Monitoring thresholds for Article 6A for discharge at Khong Chiam.**

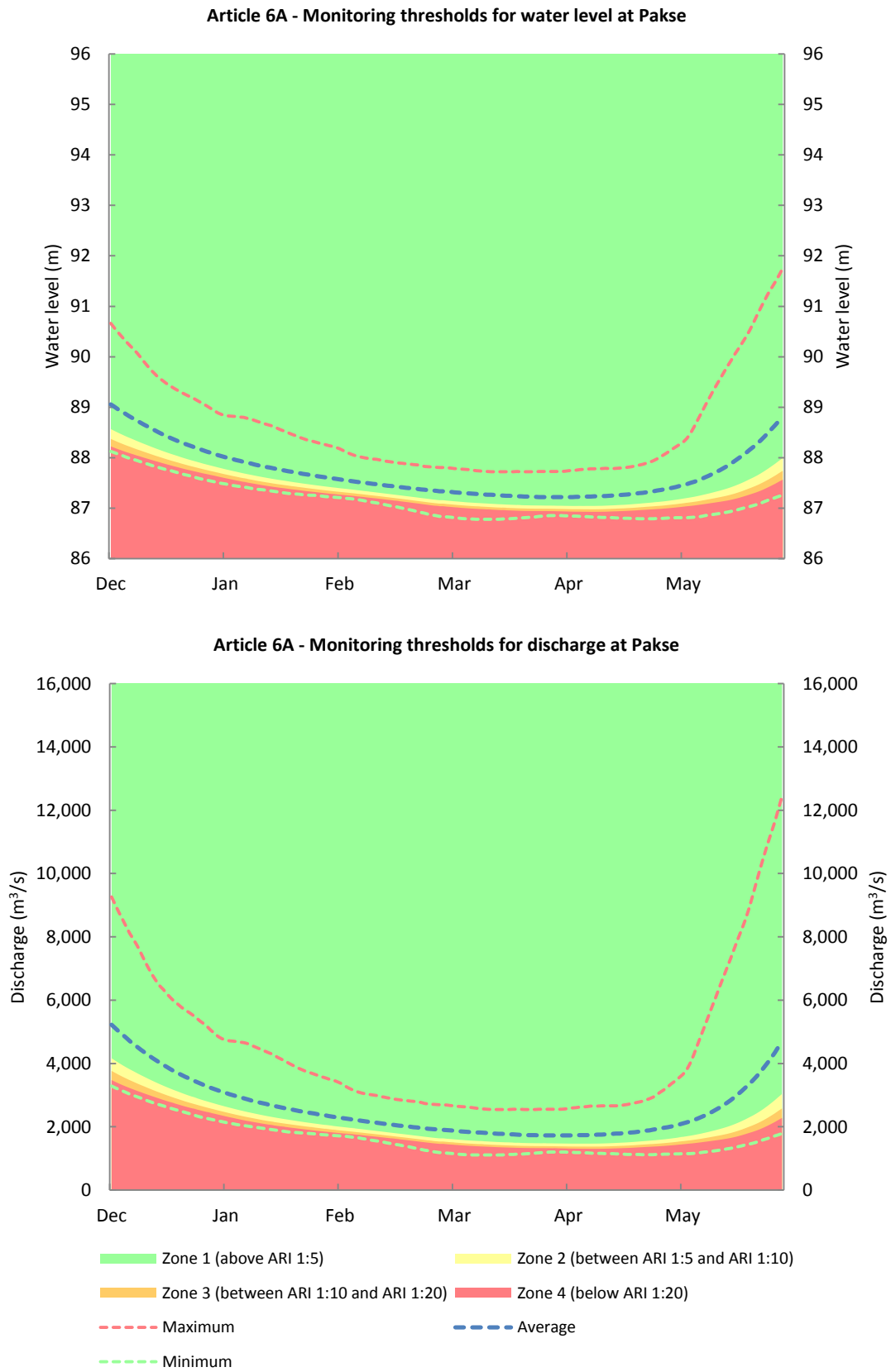
<b>Article 6A - Monitoring thresholds for discharge at Khong Chiam (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	3,795	3,427	3,152	8,392	4,738	3,078
02-Dec	3,733	3,374	3,105	8,228	4,653	3,035
03-Dec	3,675	3,325	3,062	8,069	4,569	2,994
04-Dec	3,616	3,275	3,017	7,926	4,489	2,956
05-Dec	3,561	3,228	2,977	7,789	4,411	2,917
06-Dec	3,507	3,181	2,937	7,656	4,334	2,880
07-Dec	3,455	3,137	2,898	7,516	4,260	2,844
08-Dec	3,404	3,095	2,861	7,351	4,186	2,809
09-Dec	3,354	3,053	2,825	7,165	4,114	2,774
10-Dec	3,307	3,014	2,791	6,973	4,044	2,739
11-Dec	3,262	2,976	2,759	6,794	3,976	2,705
12-Dec	3,218	2,939	2,727	6,634	3,912	2,673
13-Dec	3,177	2,905	2,698	6,496	3,849	2,642
14-Dec	3,134	2,869	2,667	6,368	3,789	2,615
15-Dec	3,095	2,836	2,639	6,254	3,731	2,590
16-Dec	3,056	2,804	2,611	6,154	3,675	2,567
17-Dec	3,016	2,769	2,581	6,068	3,621	2,541
18-Dec	2,979	2,737	2,553	5,989	3,569	2,513
19-Dec	2,943	2,706	2,525	5,916	3,519	2,485
20-Dec	2,907	2,675	2,497	5,840	3,471	2,455
21-Dec	2,873	2,646	2,472	5,760	3,425	2,424
22-Dec	2,840	2,617	2,446	5,685	3,381	2,394
23-Dec	2,808	2,589	2,421	5,614	3,338	2,365
24-Dec	2,776	2,561	2,396	5,543	3,296	2,336
25-Dec	2,747	2,536	2,374	5,476	3,255	2,308
26-Dec	2,718	2,511	2,352	5,409	3,217	2,283
27-Dec	2,692	2,489	2,332	5,337	3,180	2,259
28-Dec	2,664	2,464	2,311	5,259	3,143	2,236
29-Dec	2,639	2,442	2,291	5,184	3,108	2,213
30-Dec	2,613	2,419	2,271	5,116	3,074	2,191
31-Dec	2,587	2,396	2,250	5,046	3,041	2,171
01-Jan	2,561	2,373	2,228	4,983	3,009	2,151
02-Jan	2,536	2,350	2,208	4,924	2,978	2,131
03-Jan	2,510	2,327	2,186	4,879	2,947	2,111
04-Jan	2,487	2,306	2,168	4,836	2,917	2,090
05-Jan	2,463	2,284	2,148	4,789	2,887	2,070
06-Jan	2,439	2,263	2,128	4,736	2,858	2,051
07-Jan	2,418	2,245	2,112	4,680	2,829	2,034
08-Jan	2,395	2,224	2,094	4,622	2,801	2,017
09-Jan	2,374	2,205	2,077	4,566	2,774	1,999
10-Jan	2,353	2,187	2,061	4,510	2,747	1,981
11-Jan	2,332	2,168	2,044	4,449	2,721	1,963
12-Jan	2,312	2,150	2,028	4,386	2,696	1,945
13-Jan	2,292	2,133	2,013	4,323	2,670	1,927
14-Jan	2,274	2,118	1,999	4,258	2,646	1,910
15-Jan	2,257	2,102	1,985	4,195	2,622	1,892
16-Jan	2,239	2,087	1,971	4,131	2,600	1,873
17-Jan	2,222	2,072	1,958	4,067	2,577	1,858
18-Jan	2,205	2,057	1,945	4,002	2,555	1,843
19-Jan	2,190	2,045	1,934	3,937	2,533	1,828
20-Jan	2,174	2,030	1,921	3,875	2,512	1,816
21-Jan	2,157	2,016	1,909	3,815	2,491	1,804
22-Jan	2,143	2,003	1,898	3,756	2,471	1,793
23-Jan	2,128	1,991	1,886	3,700	2,451	1,782
24-Jan	2,113	1,978	1,875	3,644	2,431	1,770
25-Jan	2,099	1,966	1,864	3,588	2,412	1,758
26-Jan	2,085	1,954	1,853	3,532	2,394	1,744
27-Jan	2,070	1,941	1,841	3,479	2,375	1,730
28-Jan	2,056	1,928	1,830	3,432	2,356	1,716
29-Jan	2,042	1,915	1,818	3,387	2,339	1,701
30-Jan	2,027	1,903	1,806	3,342	2,321	1,687
31-Jan	2,015	1,892	1,796	3,298	2,304	1,673

**Table D-6. Monitoring thresholds for Article 6A for discharge at Khong Chiam (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Khong Chiam (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	2,000	1,879	1,784	3,250	2,287	1,658
02-Feb	1,988	1,868	1,774	3,198	2,271	1,643
03-Feb	1,977	1,857	1,765	3,140	2,255	1,629
04-Feb	1,964	1,846	1,755	3,087	2,239	1,617
05-Feb	1,952	1,835	1,745	3,040	2,224	1,605
06-Feb	1,940	1,824	1,734	3,001	2,210	1,593
07-Feb	1,927	1,812	1,723	2,972	2,195	1,581
08-Feb	1,916	1,802	1,713	2,948	2,181	1,569
09-Feb	1,903	1,790	1,701	2,925	2,167	1,557
10-Feb	1,891	1,778	1,690	2,904	2,153	1,547
11-Feb	1,878	1,767	1,679	2,888	2,140	1,536
12-Feb	1,867	1,756	1,668	2,872	2,127	1,525
13-Feb	1,855	1,745	1,657	2,857	2,114	1,514
14-Feb	1,842	1,732	1,645	2,842	2,101	1,504
15-Feb	1,830	1,719	1,633	2,825	2,088	1,494
16-Feb	1,818	1,708	1,621	2,809	2,076	1,485
17-Feb	1,807	1,696	1,610	2,795	2,064	1,476
18-Feb	1,796	1,685	1,599	2,781	2,052	1,468
19-Feb	1,783	1,672	1,587	2,766	2,040	1,461
20-Feb	1,772	1,661	1,576	2,752	2,029	1,453
21-Feb	1,761	1,650	1,565	2,738	2,018	1,447
22-Feb	1,749	1,639	1,554	2,723	2,007	1,440
23-Feb	1,739	1,628	1,544	2,709	1,997	1,435
24-Feb	1,729	1,619	1,534	2,698	1,986	1,428
25-Feb	1,719	1,610	1,525	2,689	1,976	1,421
26-Feb	1,709	1,599	1,515	2,680	1,966	1,416
27-Feb	1,699	1,590	1,506	2,670	1,956	1,412
28-Feb	1,690	1,581	1,498	2,656	1,947	1,409
29-Feb	1,690	1,581	1,498	2,656	1,947	1,409
01-Mar	1,682	1,573	1,490	2,644	1,938	1,405
02-Mar	1,673	1,565	1,482	2,632	1,928	1,400
03-Mar	1,665	1,557	1,474	2,621	1,919	1,395
04-Mar	1,657	1,550	1,468	2,611	1,911	1,390
05-Mar	1,650	1,543	1,460	2,600	1,902	1,385
06-Mar	1,642	1,536	1,453	2,590	1,894	1,380
07-Mar	1,635	1,528	1,446	2,582	1,887	1,376
08-Mar	1,628	1,522	1,440	2,575	1,880	1,371
09-Mar	1,621	1,515	1,433	2,565	1,873	1,367
10-Mar	1,614	1,508	1,426	2,551	1,866	1,362
11-Mar	1,607	1,501	1,419	2,539	1,860	1,356
12-Mar	1,602	1,495	1,414	2,531	1,853	1,351
13-Mar	1,595	1,488	1,407	2,526	1,846	1,344
14-Mar	1,588	1,481	1,401	2,524	1,839	1,338
15-Mar	1,581	1,475	1,395	2,524	1,832	1,332
16-Mar	1,575	1,468	1,389	2,522	1,826	1,327
17-Mar	1,569	1,463	1,383	2,519	1,821	1,323
18-Mar	1,564	1,458	1,378	2,516	1,815	1,318
19-Mar	1,558	1,453	1,373	2,513	1,809	1,314
20-Mar	1,553	1,448	1,368	2,510	1,804	1,310
21-Mar	1,547	1,443	1,364	2,509	1,799	1,305
22-Mar	1,543	1,439	1,360	2,508	1,794	1,301
23-Mar	1,539	1,435	1,356	2,507	1,790	1,297
24-Mar	1,534	1,430	1,352	2,508	1,786	1,293
25-Mar	1,530	1,426	1,348	2,508	1,782	1,288
26-Mar	1,525	1,421	1,343	2,506	1,779	1,282
27-Mar	1,522	1,418	1,339	2,500	1,776	1,278
28-Mar	1,519	1,414	1,336	2,492	1,773	1,274
29-Mar	1,516	1,412	1,333	2,484	1,771	1,269
30-Mar	1,514	1,409	1,330	2,477	1,769	1,264
31-Mar	1,511	1,406	1,327	2,475	1,767	1,258

**Table D-6. Monitoring thresholds for Article 6A for discharge at Khong Chiam (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Khong Chiam (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	1,509	1,403	1,324	2,476	1,766	1,253
02-Apr	1,506	1,400	1,321	2,479	1,765	1,248
03-Apr	1,504	1,398	1,319	2,483	1,765	1,244
04-Apr	1,504	1,397	1,317	2,487	1,766	1,239
05-Apr	1,503	1,396	1,316	2,493	1,766	1,236
06-Apr	1,502	1,395	1,316	2,498	1,767	1,233
07-Apr	1,502	1,394	1,315	2,501	1,768	1,232
08-Apr	1,501	1,394	1,314	2,502	1,769	1,231
09-Apr	1,502	1,395	1,315	2,502	1,770	1,230
10-Apr	1,504	1,397	1,316	2,502	1,772	1,230
11-Apr	1,507	1,399	1,318	2,499	1,774	1,230
12-Apr	1,509	1,401	1,320	2,496	1,778	1,231
13-Apr	1,513	1,405	1,324	2,494	1,783	1,231
14-Apr	1,518	1,409	1,327	2,492	1,788	1,232
15-Apr	1,522	1,414	1,331	2,489	1,793	1,231
16-Apr	1,527	1,418	1,335	2,491	1,799	1,231
17-Apr	1,533	1,423	1,340	2,500	1,806	1,230
18-Apr	1,539	1,428	1,344	2,512	1,814	1,230
19-Apr	1,546	1,434	1,350	2,527	1,823	1,231
20-Apr	1,553	1,440	1,356	2,541	1,832	1,232
21-Apr	1,561	1,448	1,362	2,552	1,842	1,234
22-Apr	1,570	1,455	1,369	2,565	1,853	1,236
23-Apr	1,579	1,463	1,376	2,585	1,864	1,240
24-Apr	1,589	1,471	1,383	2,611	1,878	1,245
25-Apr	1,599	1,479	1,390	2,643	1,893	1,249
26-Apr	1,609	1,486	1,395	2,696	1,910	1,254
27-Apr	1,619	1,493	1,400	2,760	1,928	1,259
28-Apr	1,628	1,500	1,406	2,826	1,946	1,265
29-Apr	1,639	1,509	1,412	2,897	1,966	1,269
30-Apr	1,651	1,519	1,420	2,977	1,987	1,272
01-May	1,664	1,529	1,428	3,058	2,009	1,276
02-May	1,679	1,541	1,438	3,134	2,032	1,280
03-May	1,697	1,555	1,450	3,214	2,059	1,285
04-May	1,715	1,570	1,462	3,311	2,087	1,289
05-May	1,731	1,583	1,472	3,436	2,117	1,292
06-May	1,748	1,595	1,481	3,609	2,150	1,295
07-May	1,767	1,609	1,492	3,842	2,187	1,302
08-May	1,788	1,624	1,503	4,089	2,226	1,308
09-May	1,810	1,641	1,515	4,337	2,269	1,313
10-May	1,834	1,657	1,528	4,579	2,315	1,318
11-May	1,858	1,674	1,540	4,840	2,365	1,322
12-May	1,882	1,690	1,551	5,109	2,418	1,326
13-May	1,908	1,708	1,563	5,377	2,476	1,333
14-May	1,935	1,726	1,575	5,641	2,537	1,347
15-May	1,964	1,745	1,587	5,899	2,603	1,360
16-May	1,994	1,764	1,600	6,147	2,674	1,374
17-May	2,027	1,786	1,615	6,402	2,746	1,389
18-May	2,062	1,810	1,633	6,651	2,820	1,407
19-May	2,100	1,839	1,654	6,892	2,897	1,430
20-May	2,142	1,870	1,678	7,139	2,978	1,449
21-May	2,189	1,905	1,706	7,387	3,066	1,469
22-May	2,239	1,943	1,734	7,704	3,161	1,491
23-May	2,291	1,981	1,764	8,060	3,262	1,515
24-May	2,347	2,023	1,796	8,424	3,369	1,542
25-May	2,406	2,067	1,830	8,774	3,482	1,572
26-May	2,469	2,115	1,868	9,111	3,596	1,603
27-May	2,537	2,169	1,913	9,410	3,714	1,633
28-May	2,609	2,226	1,959	9,705	3,838	1,662
29-May	2,685	2,286	2,008	10,014	3,968	1,690
30-May	2,764	2,349	2,060	10,325	4,106	1,719
31-May	2,845	2,412	2,112	10,682	4,249	1,749



**Figure D-4. Monitoring thresholds for Article 6A at Pakse.**

**Table D-7. Monitoring thresholds for Article 6A for water level at Pakse.**

<b>Article 6A - Monitoring thresholds for water level at Pakse (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	88.566	88.371	88.224	90.661	89.056	88.125
02-Dec	88.529	88.339	88.195	90.571	89.007	88.098
03-Dec	88.493	88.307	88.167	90.482	88.959	88.071
04-Dec	88.459	88.277	88.141	90.397	88.913	88.044
05-Dec	88.425	88.248	88.115	90.310	88.867	88.016
06-Dec	88.394	88.221	88.091	90.231	88.823	87.989
07-Dec	88.364	88.194	88.068	90.161	88.779	87.965
08-Dec	88.332	88.167	88.044	90.083	88.737	87.944
09-Dec	88.302	88.142	88.022	89.994	88.695	87.919
10-Dec	88.273	88.116	87.999	89.899	88.654	87.896
11-Dec	88.244	88.091	87.977	89.808	88.614	87.872
12-Dec	88.215	88.066	87.955	89.726	88.575	87.848
13-Dec	88.187	88.041	87.934	89.651	88.537	87.826
14-Dec	88.160	88.018	87.913	89.581	88.501	87.806
15-Dec	88.133	87.994	87.891	89.533	88.466	87.786
16-Dec	88.107	87.971	87.871	89.477	88.432	87.765
17-Dec	88.082	87.949	87.851	89.425	88.399	87.746
18-Dec	88.058	87.927	87.831	89.378	88.367	87.726
19-Dec	88.035	87.907	87.813	89.336	88.336	87.707
20-Dec	88.010	87.885	87.793	89.296	88.306	87.686
21-Dec	87.987	87.865	87.774	89.259	88.277	87.666
22-Dec	87.965	87.845	87.756	89.226	88.250	87.647
23-Dec	87.944	87.826	87.740	89.191	88.222	87.626
24-Dec	87.924	87.808	87.723	89.150	88.196	87.605
25-Dec	87.903	87.789	87.706	89.108	88.170	87.584
26-Dec	87.882	87.771	87.689	89.068	88.145	87.568
27-Dec	87.863	87.754	87.674	89.024	88.120	87.552
28-Dec	87.844	87.736	87.658	88.977	88.097	87.538
29-Dec	87.826	87.720	87.643	88.931	88.075	87.522
30-Dec	87.807	87.703	87.626	88.887	88.053	87.507
31-Dec	87.789	87.686	87.610	88.855	88.032	87.493
01-Jan	87.771	87.669	87.594	88.837	88.011	87.479
02-Jan	87.754	87.653	87.579	88.826	87.991	87.465
03-Jan	87.737	87.637	87.564	88.820	87.973	87.451
04-Jan	87.721	87.622	87.549	88.813	87.954	87.439
05-Jan	87.704	87.606	87.534	88.807	87.935	87.426
06-Jan	87.688	87.592	87.520	88.797	87.917	87.416
07-Jan	87.673	87.578	87.506	88.781	87.899	87.405
08-Jan	87.659	87.565	87.494	88.761	87.882	87.394
09-Jan	87.644	87.551	87.481	88.737	87.865	87.384
10-Jan	87.630	87.537	87.468	88.713	87.849	87.373
11-Jan	87.616	87.524	87.455	88.688	87.834	87.363
12-Jan	87.603	87.512	87.444	88.665	87.818	87.353
13-Jan	87.590	87.500	87.433	88.642	87.803	87.342
14-Jan	87.577	87.488	87.422	88.622	87.788	87.332
15-Jan	87.565	87.477	87.412	88.583	87.774	87.321
16-Jan	87.554	87.467	87.402	88.554	87.760	87.312
17-Jan	87.543	87.457	87.393	88.525	87.746	87.302
18-Jan	87.532	87.447	87.383	88.494	87.733	87.293
19-Jan	87.520	87.436	87.373	88.464	87.720	87.285
20-Jan	87.509	87.427	87.365	88.436	87.707	87.280
21-Jan	87.499	87.417	87.355	88.408	87.694	87.274
22-Jan	87.488	87.408	87.346	88.382	87.681	87.268
23-Jan	87.478	87.398	87.337	88.357	87.669	87.262
24-Jan	87.468	87.389	87.329	88.341	87.657	87.258
25-Jan	87.458	87.380	87.321	88.318	87.646	87.253
26-Jan	87.449	87.371	87.313	88.297	87.634	87.246
27-Jan	87.439	87.362	87.304	88.278	87.623	87.239
28-Jan	87.430	87.354	87.296	88.259	87.612	87.230
29-Jan	87.421	87.345	87.288	88.240	87.601	87.224
30-Jan	87.412	87.337	87.281	88.225	87.590	87.218
31-Jan	87.404	87.329	87.274	88.205	87.580	87.213

**Table D-7. Monitoring thresholds for Article 6A for water level at Pakse (continued).**

<b>Article 6A - Monitoring thresholds for water level at Pakse (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	87.395	87.322	87.266	88.177	87.569	87.207
02-Feb	87.387	87.314	87.260	88.142	87.559	87.201
03-Feb	87.379	87.307	87.253	88.105	87.548	87.195
04-Feb	87.371	87.299	87.246	88.073	87.538	87.186
05-Feb	87.362	87.292	87.239	88.046	87.528	87.178
06-Feb	87.354	87.283	87.231	88.025	87.519	87.167
07-Feb	87.345	87.275	87.224	88.009	87.510	87.155
08-Feb	87.336	87.267	87.215	87.996	87.501	87.142
09-Feb	87.327	87.258	87.207	87.985	87.491	87.127
10-Feb	87.319	87.250	87.199	87.975	87.482	87.115
11-Feb	87.310	87.242	87.192	87.965	87.473	87.103
12-Feb	87.301	87.234	87.183	87.951	87.464	87.089
13-Feb	87.292	87.225	87.175	87.938	87.455	87.073
14-Feb	87.283	87.216	87.165	87.925	87.446	87.057
15-Feb	87.274	87.207	87.157	87.915	87.437	87.043
16-Feb	87.265	87.198	87.148	87.905	87.428	87.028
17-Feb	87.256	87.189	87.139	87.895	87.419	87.015
18-Feb	87.247	87.180	87.130	87.887	87.411	87.000
19-Feb	87.238	87.171	87.121	87.880	87.403	86.983
20-Feb	87.229	87.162	87.112	87.872	87.395	86.966
21-Feb	87.220	87.152	87.102	87.865	87.387	86.950
22-Feb	87.211	87.143	87.093	87.856	87.380	86.933
23-Feb	87.201	87.133	87.083	87.846	87.372	86.915
24-Feb	87.192	87.124	87.073	87.828	87.364	86.897
25-Feb	87.183	87.114	87.064	87.821	87.357	86.880
26-Feb	87.173	87.105	87.054	87.815	87.350	86.864
27-Feb	87.165	87.097	87.046	87.810	87.343	86.850
28-Feb	87.157	87.089	87.038	87.806	87.335	86.839
29-Feb	87.157	87.089	87.038	87.806	87.335	86.839
01-Mar	87.149	87.081	87.030	87.801	87.329	86.827
02-Mar	87.143	87.075	87.024	87.793	87.322	86.819
03-Mar	87.136	87.068	87.017	87.785	87.315	86.811
04-Mar	87.130	87.062	87.012	87.780	87.309	86.804
05-Mar	87.124	87.056	87.005	87.775	87.303	86.796
06-Mar	87.117	87.050	87.000	87.769	87.297	86.790
07-Mar	87.112	87.045	86.995	87.762	87.292	86.786
08-Mar	87.108	87.040	86.990	87.753	87.287	86.782
09-Mar	87.103	87.036	86.986	87.744	87.282	86.780
10-Mar	87.099	87.032	86.982	87.735	87.277	86.779
11-Mar	87.095	87.028	86.979	87.728	87.273	86.779
12-Mar	87.091	87.024	86.975	87.724	87.268	86.780
13-Mar	87.086	87.020	86.971	87.720	87.264	86.779
14-Mar	87.082	87.015	86.967	87.721	87.259	86.777
15-Mar	87.078	87.012	86.963	87.721	87.255	86.780
16-Mar	87.075	87.009	86.960	87.719	87.250	86.784
17-Mar	87.071	87.006	86.957	87.720	87.246	86.788
18-Mar	87.068	87.003	86.955	87.722	87.243	86.792
19-Mar	87.065	87.000	86.952	87.723	87.239	86.796
20-Mar	87.062	86.997	86.949	87.724	87.236	86.799
21-Mar	87.059	86.995	86.947	87.723	87.233	86.804
22-Mar	87.057	86.993	86.945	87.722	87.230	86.810
23-Mar	87.055	86.991	86.944	87.722	87.227	86.816
24-Mar	87.054	86.990	86.943	87.722	87.224	86.822
25-Mar	87.053	86.989	86.943	87.722	87.223	86.828
26-Mar	87.052	86.989	86.942	87.724	87.221	86.835
27-Mar	87.051	86.988	86.942	87.725	87.220	86.842
28-Mar	87.050	86.988	86.942	87.725	87.218	86.846
29-Mar	87.050	86.987	86.941	87.725	87.218	86.850
30-Mar	87.049	86.986	86.940	87.725	87.217	86.851
31-Mar	87.047	86.984	86.938	87.725	87.217	86.850

**Table D-7. Monitoring thresholds for Article 6A for water level at Pakse (continued).**

<b>Article 6A - Monitoring thresholds for water level at Pakse (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	87.047	86.983	86.937	87.727	87.218	86.852
02-Apr	87.045	86.982	86.935	87.732	87.218	86.849
03-Apr	87.044	86.980	86.933	87.741	87.219	86.846
04-Apr	87.043	86.979	86.931	87.748	87.220	86.844
05-Apr	87.043	86.979	86.930	87.755	87.222	86.841
06-Apr	87.044	86.979	86.930	87.761	87.224	86.837
07-Apr	87.043	86.978	86.928	87.768	87.225	86.834
08-Apr	87.044	86.978	86.928	87.775	87.227	86.831
09-Apr	87.044	86.977	86.927	87.780	87.230	86.826
10-Apr	87.044	86.977	86.927	87.781	87.232	86.823
11-Apr	87.045	86.978	86.927	87.784	87.235	86.821
12-Apr	87.046	86.979	86.928	87.785	87.238	86.818
13-Apr	87.049	86.981	86.929	87.787	87.241	86.816
14-Apr	87.052	86.984	86.932	87.785	87.245	86.814
15-Apr	87.055	86.987	86.935	87.785	87.250	86.811
16-Apr	87.059	86.990	86.937	87.788	87.255	86.808
17-Apr	87.063	86.993	86.940	87.793	87.260	86.805
18-Apr	87.066	86.996	86.943	87.800	87.266	86.802
19-Apr	87.071	87.000	86.946	87.811	87.273	86.798
20-Apr	87.076	87.004	86.950	87.823	87.280	86.795
21-Apr	87.082	87.009	86.954	87.836	87.287	86.794
22-Apr	87.088	87.015	86.959	87.851	87.296	86.792
23-Apr	87.095	87.020	86.964	87.867	87.305	86.790
24-Apr	87.101	87.026	86.968	87.888	87.315	86.789
25-Apr	87.107	87.031	86.973	87.912	87.325	86.790
26-Apr	87.114	87.036	86.977	87.941	87.336	86.791
27-Apr	87.121	87.042	86.982	87.980	87.348	86.793
28-Apr	87.128	87.047	86.986	88.024	87.360	86.795
29-Apr	87.136	87.054	86.992	88.065	87.374	86.799
30-Apr	87.145	87.062	86.998	88.115	87.388	86.804
01-May	87.155	87.070	87.005	88.165	87.403	86.807
02-May	87.165	87.078	87.012	88.211	87.419	86.809
03-May	87.176	87.087	87.020	88.259	87.437	86.810
04-May	87.188	87.096	87.028	88.309	87.456	86.811
05-May	87.200	87.106	87.037	88.379	87.476	86.813
06-May	87.212	87.115	87.044	88.486	87.499	86.816
07-May	87.225	87.125	87.052	88.616	87.524	86.821
08-May	87.240	87.136	87.062	88.757	87.550	86.828
09-May	87.256	87.149	87.072	88.898	87.579	86.838
10-May	87.273	87.162	87.082	89.031	87.610	86.850
11-May	87.290	87.175	87.093	89.168	87.643	86.861
12-May	87.309	87.189	87.104	89.301	87.678	86.871
13-May	87.328	87.203	87.115	89.432	87.715	86.884
14-May	87.347	87.218	87.126	89.560	87.754	86.895
15-May	87.368	87.233	87.138	89.686	87.795	86.909
16-May	87.390	87.249	87.150	89.807	87.839	86.923
17-May	87.415	87.268	87.165	89.926	87.886	86.938
18-May	87.442	87.289	87.182	90.049	87.936	86.954
19-May	87.471	87.312	87.201	90.161	87.986	86.974
20-May	87.502	87.337	87.222	90.273	88.038	86.995
21-May	87.536	87.365	87.245	90.389	88.095	87.014
22-May	87.572	87.393	87.268	90.521	88.154	87.032
23-May	87.607	87.421	87.292	90.669	88.215	87.050
24-May	87.645	87.452	87.317	90.823	88.278	87.073
25-May	87.687	87.486	87.345	90.971	88.346	87.100
26-May	87.733	87.523	87.377	91.111	88.417	87.128
27-May	87.781	87.563	87.412	91.242	88.492	87.155
28-May	87.832	87.605	87.448	91.365	88.569	87.181
29-May	87.884	87.648	87.485	91.486	88.649	87.207
30-May	87.940	87.695	87.526	91.613	88.730	87.232
31-May	87.994	87.741	87.565	91.749	88.813	87.256

**Table D-8. Monitoring thresholds for Article 6A for discharge at Pakse.**

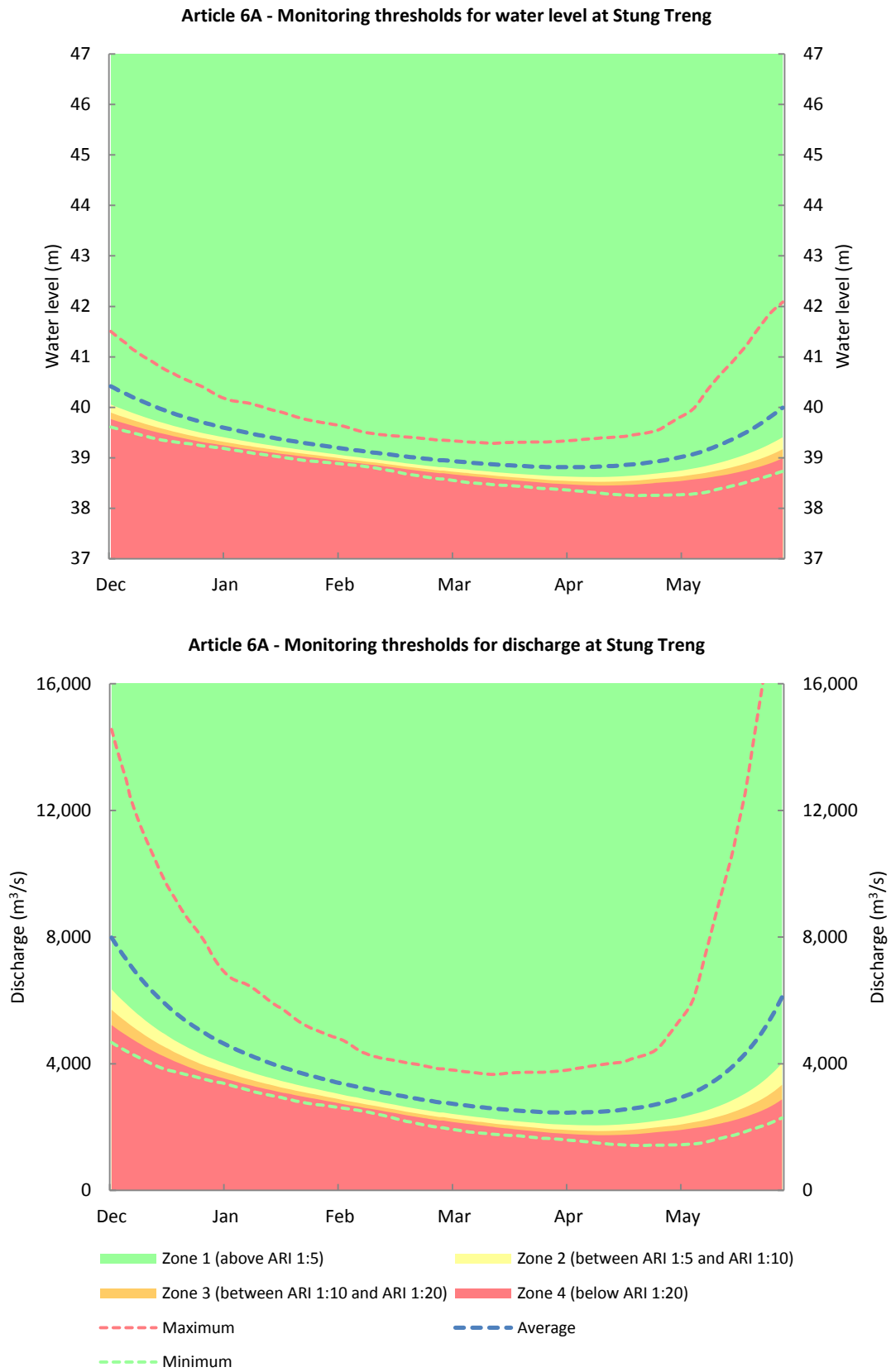
<b>Article 6A - Monitoring thresholds for discharge at Pakse (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	4,165	3,766	3,474	9,258	5,224	3,285
02-Dec	4,088	3,701	3,419	9,012	5,114	3,233
03-Dec	4,014	3,639	3,365	8,770	5,007	3,181
04-Dec	3,943	3,580	3,314	8,541	4,906	3,131
05-Dec	3,876	3,523	3,266	8,307	4,806	3,079
06-Dec	3,812	3,469	3,220	8,098	4,709	3,029
07-Dec	3,751	3,417	3,176	7,915	4,615	2,985
08-Dec	3,688	3,365	3,131	7,714	4,524	2,946
09-Dec	3,629	3,316	3,089	7,484	4,434	2,900
10-Dec	3,571	3,268	3,048	7,242	4,348	2,857
11-Dec	3,513	3,219	3,006	7,014	4,263	2,814
12-Dec	3,458	3,172	2,966	6,811	4,181	2,771
13-Dec	3,403	3,126	2,926	6,625	4,103	2,731
14-Dec	3,351	3,082	2,888	6,454	4,029	2,696
15-Dec	3,300	3,038	2,849	6,338	3,958	2,660
16-Dec	3,250	2,996	2,812	6,203	3,889	2,623
17-Dec	3,203	2,955	2,776	6,080	3,822	2,590
18-Dec	3,157	2,915	2,741	5,969	3,757	2,556
19-Dec	3,113	2,877	2,708	5,870	3,696	2,521
20-Dec	3,068	2,838	2,673	5,776	3,637	2,486
21-Dec	3,026	2,801	2,640	5,690	3,580	2,452
22-Dec	2,984	2,765	2,608	5,612	3,525	2,419
23-Dec	2,946	2,732	2,579	5,533	3,472	2,383
24-Dec	2,908	2,700	2,550	5,437	3,421	2,347
25-Dec	2,870	2,666	2,520	5,342	3,370	2,311
26-Dec	2,833	2,634	2,491	5,253	3,322	2,285
27-Dec	2,798	2,603	2,464	5,153	3,276	2,258
28-Dec	2,764	2,573	2,437	5,048	3,231	2,234
29-Dec	2,732	2,544	2,411	4,947	3,189	2,208
30-Dec	2,698	2,514	2,383	4,850	3,148	2,183
31-Dec	2,666	2,485	2,356	4,780	3,108	2,159
01-Jan	2,634	2,456	2,329	4,740	3,069	2,138
02-Jan	2,604	2,429	2,302	4,716	3,033	2,113
03-Jan	2,575	2,401	2,278	4,702	2,998	2,092
04-Jan	2,546	2,375	2,252	4,688	2,964	2,071
05-Jan	2,517	2,349	2,228	4,676	2,929	2,052
06-Jan	2,490	2,325	2,204	4,654	2,896	2,034
07-Jan	2,463	2,301	2,182	4,619	2,864	2,017
08-Jan	2,438	2,279	2,161	4,576	2,832	1,999
09-Jan	2,414	2,255	2,140	4,525	2,803	1,983
10-Jan	2,389	2,233	2,119	4,474	2,773	1,966
11-Jan	2,365	2,211	2,099	4,421	2,745	1,950
12-Jan	2,343	2,191	2,080	4,371	2,717	1,933
13-Jan	2,321	2,171	2,061	4,323	2,690	1,917
14-Jan	2,300	2,152	2,044	4,281	2,664	1,901
15-Jan	2,280	2,134	2,028	4,199	2,638	1,884
16-Jan	2,261	2,118	2,013	4,139	2,614	1,870
17-Jan	2,242	2,101	1,997	4,078	2,591	1,854
18-Jan	2,224	2,084	1,982	4,015	2,568	1,840
19-Jan	2,205	2,068	1,966	3,953	2,544	1,828
20-Jan	2,187	2,053	1,952	3,897	2,521	1,819
21-Jan	2,169	2,037	1,938	3,840	2,499	1,810
22-Jan	2,152	2,021	1,924	3,787	2,477	1,801
23-Jan	2,135	2,006	1,910	3,737	2,456	1,793
24-Jan	2,120	1,991	1,896	3,706	2,436	1,786
25-Jan	2,103	1,977	1,883	3,660	2,416	1,779
26-Jan	2,088	1,963	1,871	3,619	2,397	1,768
27-Jan	2,072	1,948	1,857	3,581	2,377	1,757
28-Jan	2,057	1,935	1,845	3,543	2,359	1,743
29-Jan	2,043	1,922	1,833	3,507	2,340	1,733
30-Jan	2,029	1,910	1,821	3,478	2,322	1,725
31-Jan	2,015	1,897	1,810	3,439	2,304	1,717

**Table D-8. Monitoring thresholds for Article 6A for discharge at Pakse (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Pakse (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	2,001	1,885	1,799	3,384	2,287	1,708
02-Feb	1,988	1,873	1,789	3,317	2,269	1,700
03-Feb	1,975	1,862	1,779	3,247	2,252	1,690
04-Feb	1,962	1,850	1,768	3,185	2,234	1,677
05-Feb	1,949	1,838	1,757	3,135	2,218	1,664
06-Feb	1,935	1,825	1,745	3,096	2,202	1,648
07-Feb	1,922	1,813	1,733	3,066	2,187	1,631
08-Feb	1,908	1,800	1,721	3,041	2,173	1,611
09-Feb	1,893	1,786	1,708	3,021	2,157	1,589
10-Feb	1,881	1,774	1,697	3,002	2,142	1,570
11-Feb	1,867	1,762	1,685	2,983	2,127	1,553
12-Feb	1,853	1,749	1,672	2,958	2,112	1,533
13-Feb	1,839	1,735	1,659	2,935	2,098	1,510
14-Feb	1,825	1,722	1,646	2,910	2,083	1,487
15-Feb	1,811	1,708	1,633	2,891	2,068	1,467
16-Feb	1,797	1,695	1,620	2,874	2,054	1,446
17-Feb	1,783	1,682	1,607	2,856	2,040	1,427
18-Feb	1,769	1,668	1,593	2,841	2,027	1,405
19-Feb	1,756	1,655	1,580	2,829	2,014	1,382
20-Feb	1,742	1,640	1,566	2,814	2,001	1,358
21-Feb	1,728	1,626	1,553	2,801	1,989	1,336
22-Feb	1,714	1,613	1,539	2,786	1,976	1,312
23-Feb	1,699	1,598	1,524	2,768	1,965	1,287
24-Feb	1,685	1,584	1,510	2,735	1,952	1,263
25-Feb	1,672	1,570	1,496	2,722	1,940	1,240
26-Feb	1,658	1,556	1,482	2,712	1,929	1,218
27-Feb	1,645	1,545	1,471	2,704	1,918	1,200
28-Feb	1,634	1,533	1,460	2,696	1,907	1,186
29-Feb	1,634	1,533	1,460	2,696	1,907	1,186
01-Mar	1,622	1,522	1,449	2,687	1,896	1,169
02-Mar	1,612	1,512	1,439	2,673	1,885	1,158
03-Mar	1,602	1,503	1,430	2,660	1,875	1,149
04-Mar	1,593	1,494	1,422	2,649	1,865	1,138
05-Mar	1,584	1,485	1,413	2,640	1,855	1,129
06-Mar	1,575	1,476	1,405	2,631	1,847	1,121
07-Mar	1,567	1,469	1,398	2,617	1,838	1,116
08-Mar	1,561	1,462	1,392	2,602	1,831	1,111
09-Mar	1,554	1,456	1,386	2,586	1,823	1,108
10-Mar	1,548	1,450	1,381	2,571	1,816	1,106
11-Mar	1,542	1,445	1,376	2,559	1,809	1,106
12-Mar	1,536	1,440	1,371	2,551	1,802	1,108
13-Mar	1,529	1,433	1,365	2,544	1,795	1,106
14-Mar	1,523	1,428	1,359	2,546	1,788	1,104
15-Mar	1,517	1,423	1,354	2,546	1,781	1,108
16-Mar	1,513	1,418	1,350	2,543	1,774	1,113
17-Mar	1,507	1,414	1,346	2,545	1,768	1,119
18-Mar	1,503	1,410	1,342	2,548	1,763	1,124
19-Mar	1,498	1,406	1,338	2,550	1,757	1,128
20-Mar	1,494	1,401	1,334	2,551	1,753	1,132
21-Mar	1,490	1,398	1,332	2,550	1,748	1,138
22-Mar	1,487	1,395	1,329	2,548	1,743	1,146
23-Mar	1,484	1,393	1,328	2,548	1,738	1,154
24-Mar	1,482	1,392	1,326	2,548	1,734	1,162
25-Mar	1,481	1,390	1,325	2,548	1,732	1,171
26-Mar	1,480	1,390	1,325	2,551	1,729	1,180
27-Mar	1,478	1,389	1,325	2,554	1,728	1,189
28-Mar	1,477	1,388	1,324	2,554	1,726	1,195
29-Mar	1,477	1,387	1,323	2,553	1,725	1,200
30-Mar	1,475	1,386	1,321	2,553	1,724	1,201
31-Mar	1,473	1,383	1,319	2,553	1,724	1,200

**Table D-8. Monitoring thresholds for Article 6A for discharge at Pakse (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Pakse (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	1,472	1,382	1,317	2,556	1,725	1,202
02-Apr	1,470	1,380	1,315	2,566	1,726	1,199
03-Apr	1,468	1,378	1,312	2,581	1,727	1,195
04-Apr	1,467	1,376	1,310	2,594	1,729	1,192
05-Apr	1,467	1,376	1,309	2,607	1,731	1,188
06-Apr	1,468	1,376	1,308	2,617	1,733	1,183
07-Apr	1,467	1,375	1,306	2,629	1,736	1,178
08-Apr	1,468	1,374	1,305	2,640	1,739	1,174
09-Apr	1,468	1,374	1,304	2,650	1,743	1,168
10-Apr	1,468	1,374	1,304	2,652	1,746	1,164
11-Apr	1,469	1,375	1,304	2,656	1,750	1,161
12-Apr	1,472	1,376	1,305	2,659	1,755	1,158
13-Apr	1,475	1,379	1,307	2,662	1,760	1,155
14-Apr	1,479	1,382	1,310	2,660	1,767	1,152
15-Apr	1,484	1,387	1,314	2,659	1,774	1,149
16-Apr	1,489	1,391	1,318	2,664	1,782	1,145
17-Apr	1,495	1,396	1,322	2,673	1,790	1,141
18-Apr	1,500	1,400	1,326	2,686	1,799	1,136
19-Apr	1,507	1,405	1,330	2,705	1,809	1,131
20-Apr	1,514	1,412	1,335	2,726	1,819	1,128
21-Apr	1,523	1,419	1,342	2,750	1,831	1,126
22-Apr	1,532	1,427	1,348	2,776	1,845	1,123
23-Apr	1,542	1,434	1,355	2,806	1,860	1,121
24-Apr	1,551	1,442	1,361	2,843	1,874	1,120
25-Apr	1,560	1,450	1,367	2,887	1,890	1,120
26-Apr	1,570	1,457	1,373	2,940	1,907	1,122
27-Apr	1,580	1,465	1,380	3,012	1,926	1,124
28-Apr	1,591	1,473	1,387	3,093	1,946	1,128
29-Apr	1,602	1,482	1,394	3,172	1,967	1,133
30-Apr	1,616	1,494	1,403	3,265	1,990	1,139
01-May	1,631	1,505	1,413	3,360	2,014	1,143
02-May	1,645	1,517	1,423	3,449	2,040	1,146
03-May	1,662	1,530	1,434	3,543	2,068	1,147
04-May	1,680	1,544	1,446	3,642	2,099	1,149
05-May	1,698	1,558	1,458	3,781	2,133	1,151
06-May	1,716	1,571	1,468	3,998	2,170	1,155
07-May	1,736	1,586	1,480	4,268	2,211	1,161
08-May	1,759	1,603	1,494	4,568	2,255	1,170
09-May	1,783	1,621	1,508	4,874	2,303	1,183
10-May	1,809	1,641	1,523	5,169	2,355	1,199
11-May	1,836	1,660	1,539	5,479	2,411	1,214
12-May	1,865	1,681	1,555	5,787	2,472	1,228
13-May	1,894	1,703	1,571	6,095	2,536	1,245
14-May	1,925	1,725	1,587	6,404	2,604	1,260
15-May	1,958	1,748	1,605	6,712	2,677	1,280
16-May	1,993	1,772	1,623	7,011	2,755	1,299
17-May	2,032	1,801	1,645	7,311	2,840	1,319
18-May	2,076	1,833	1,671	7,626	2,931	1,341
19-May	2,123	1,869	1,699	7,915	3,024	1,369
20-May	2,175	1,909	1,731	8,209	3,121	1,398
21-May	2,231	1,952	1,766	8,520	3,226	1,425
22-May	2,291	1,998	1,802	8,875	3,339	1,451
23-May	2,350	2,043	1,838	9,282	3,457	1,477
24-May	2,416	2,093	1,878	9,709	3,582	1,510
25-May	2,488	2,148	1,922	10,128	3,717	1,550
26-May	2,566	2,209	1,972	10,531	3,859	1,591
27-May	2,652	2,276	2,028	10,912	4,011	1,630
28-May	2,742	2,347	2,086	11,273	4,171	1,670
29-May	2,836	2,421	2,147	11,634	4,337	1,708
30-May	2,938	2,502	2,215	12,017	4,510	1,746
31-May	3,037	2,581	2,280	12,432	4,688	1,783



**Figure D-5. Monitoring thresholds for Article 6A at Stung Treng.**

**Table D-9. Monitoring thresholds for Article 6A for water level at Stung Treng.**

<b>Article 6A - Monitoring thresholds for water level at Stung Treng (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	40.055	39.895	39.766	41.504	40.416	39.611
02-Dec	40.025	39.868	39.742	41.444	40.378	39.589
03-Dec	39.995	39.841	39.718	41.386	40.341	39.568
04-Dec	39.968	39.817	39.697	41.329	40.305	39.548
05-Dec	39.941	39.794	39.676	41.274	40.269	39.528
06-Dec	39.913	39.769	39.654	41.202	40.234	39.509
07-Dec	39.886	39.745	39.633	41.147	40.199	39.492
08-Dec	39.860	39.722	39.612	41.096	40.165	39.474
09-Dec	39.835	39.701	39.593	41.047	40.133	39.455
10-Dec	39.809	39.677	39.571	41.000	40.101	39.435
11-Dec	39.785	39.656	39.552	40.957	40.071	39.416
12-Dec	39.762	39.635	39.533	40.913	40.041	39.399
13-Dec	39.738	39.614	39.515	40.867	40.012	39.381
14-Dec	39.715	39.594	39.496	40.821	39.983	39.365
15-Dec	39.695	39.575	39.480	40.777	39.955	39.351
16-Dec	39.674	39.557	39.463	40.735	39.928	39.337
17-Dec	39.653	39.538	39.446	40.700	39.902	39.328
18-Dec	39.631	39.518	39.428	40.667	39.877	39.319
19-Dec	39.613	39.502	39.413	40.629	39.853	39.309
20-Dec	39.594	39.485	39.397	40.591	39.829	39.299
21-Dec	39.575	39.467	39.382	40.557	39.806	39.289
22-Dec	39.556	39.450	39.366	40.525	39.784	39.280
23-Dec	39.539	39.435	39.352	40.495	39.762	39.270
24-Dec	39.522	39.419	39.337	40.466	39.741	39.259
25-Dec	39.504	39.402	39.321	40.435	39.721	39.247
26-Dec	39.487	39.388	39.308	40.399	39.701	39.236
27-Dec	39.472	39.374	39.295	40.358	39.681	39.225
28-Dec	39.458	39.362	39.285	40.314	39.662	39.216
29-Dec	39.444	39.350	39.274	40.272	39.644	39.208
30-Dec	39.428	39.335	39.261	40.232	39.625	39.201
31-Dec	39.415	39.323	39.250	40.199	39.608	39.192
01-Jan	39.401	39.310	39.238	40.171	39.590	39.180
02-Jan	39.387	39.298	39.226	40.146	39.574	39.168
03-Jan	39.375	39.287	39.216	40.128	39.557	39.157
04-Jan	39.360	39.274	39.204	40.117	39.541	39.145
05-Jan	39.346	39.260	39.191	40.108	39.525	39.134
06-Jan	39.334	39.249	39.181	40.099	39.510	39.121
07-Jan	39.322	39.238	39.171	40.087	39.495	39.109
08-Jan	39.310	39.227	39.161	40.070	39.480	39.096
09-Jan	39.296	39.215	39.149	40.051	39.465	39.085
10-Jan	39.285	39.204	39.140	40.031	39.451	39.075
11-Jan	39.273	39.193	39.130	40.009	39.437	39.065
12-Jan	39.261	39.182	39.119	39.985	39.423	39.055
13-Jan	39.251	39.173	39.111	39.962	39.409	39.045
14-Jan	39.239	39.162	39.101	39.942	39.396	39.035
15-Jan	39.227	39.151	39.090	39.923	39.383	39.026
16-Jan	39.215	39.139	39.079	39.907	39.370	39.017
17-Jan	39.205	39.130	39.071	39.886	39.358	39.005
18-Jan	39.195	39.121	39.063	39.863	39.345	38.993
19-Jan	39.185	39.112	39.054	39.839	39.333	38.983
20-Jan	39.174	39.101	39.044	39.816	39.321	38.972
21-Jan	39.164	39.092	39.035	39.794	39.310	38.962
22-Jan	39.154	39.083	39.026	39.775	39.298	38.952
23-Jan	39.144	39.074	39.018	39.758	39.287	38.943
24-Jan	39.134	39.065	39.009	39.741	39.275	38.935
25-Jan	39.126	39.057	39.002	39.728	39.265	38.929
26-Jan	39.116	39.048	38.993	39.715	39.254	38.923
27-Jan	39.106	39.038	38.984	39.702	39.243	38.916
28-Jan	39.096	39.028	38.975	39.689	39.232	38.910
29-Jan	39.086	39.019	38.965	39.677	39.222	38.903
30-Jan	39.078	39.011	38.957	39.665	39.211	38.896
31-Jan	39.068	39.001	38.948	39.653	39.201	38.889

**Table D-9. Monitoring thresholds for Article 6A for water level at Stung Treng (continued).**

<b>Article 6A - Monitoring thresholds for water level at Stung Treng (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	39.058	38.991	38.938	39.641	39.191	38.882
02-Feb	39.047	38.981	38.929	39.626	39.181	38.875
03-Feb	39.037	38.971	38.919	39.608	39.171	38.867
04-Feb	39.029	38.963	38.911	39.585	39.161	38.860
05-Feb	39.020	38.955	38.903	39.561	39.152	38.852
06-Feb	39.012	38.946	38.895	39.538	39.143	38.844
07-Feb	39.002	38.936	38.885	39.518	39.133	38.834
08-Feb	38.992	38.926	38.875	39.503	39.124	38.825
09-Feb	38.984	38.918	38.867	39.490	39.115	38.814
10-Feb	38.976	38.910	38.859	39.480	39.105	38.805
11-Feb	38.967	38.902	38.851	39.470	39.096	38.793
12-Feb	38.957	38.892	38.842	39.461	39.087	38.781
13-Feb	38.947	38.882	38.831	39.454	39.078	38.768
14-Feb	38.938	38.873	38.822	39.446	39.070	38.754
15-Feb	38.929	38.864	38.814	39.440	39.061	38.740
16-Feb	38.921	38.855	38.805	39.434	39.052	38.725
17-Feb	38.911	38.845	38.795	39.427	39.043	38.710
18-Feb	38.901	38.835	38.785	39.420	39.034	38.696
19-Feb	38.890	38.825	38.774	39.413	39.025	38.682
20-Feb	38.882	38.816	38.765	39.407	39.016	38.671
21-Feb	38.874	38.808	38.756	39.401	39.008	38.659
22-Feb	38.865	38.799	38.747	39.395	39.000	38.647
23-Feb	38.856	38.790	38.738	39.387	38.992	38.635
24-Feb	38.847	38.782	38.729	39.380	38.984	38.624
25-Feb	38.839	38.773	38.720	39.371	38.976	38.612
26-Feb	38.831	38.765	38.712	39.363	38.968	38.601
27-Feb	38.823	38.756	38.703	39.355	38.961	38.590
28-Feb	38.814	38.747	38.694	39.348	38.954	38.579
29-Feb	38.814	38.747	38.694	39.348	38.954	38.579
01-Mar	38.805	38.738	38.685	39.342	38.946	38.568
02-Mar	38.797	38.729	38.676	39.338	38.939	38.558
03-Mar	38.790	38.722	38.668	39.333	38.932	38.548
04-Mar	38.783	38.715	38.661	39.328	38.925	38.538
05-Mar	38.776	38.707	38.653	39.322	38.919	38.529
06-Mar	38.769	38.700	38.646	39.316	38.913	38.519
07-Mar	38.762	38.693	38.639	39.313	38.907	38.509
08-Mar	38.755	38.686	38.631	39.309	38.901	38.502
09-Mar	38.748	38.679	38.624	39.305	38.895	38.495
10-Mar	38.743	38.673	38.618	39.300	38.890	38.490
11-Mar	38.737	38.667	38.612	39.295	38.884	38.484
12-Mar	38.730	38.660	38.604	39.290	38.879	38.478
13-Mar	38.723	38.652	38.596	39.288	38.874	38.471
14-Mar	38.716	38.645	38.588	39.288	38.869	38.467
15-Mar	38.710	38.638	38.581	39.292	38.864	38.462
16-Mar	38.705	38.632	38.575	39.295	38.859	38.457
17-Mar	38.699	38.626	38.568	39.300	38.854	38.453
18-Mar	38.693	38.620	38.562	39.303	38.850	38.448
19-Mar	38.687	38.613	38.555	39.305	38.845	38.444
20-Mar	38.683	38.608	38.549	39.307	38.842	38.440
21-Mar	38.678	38.603	38.543	39.309	38.838	38.435
22-Mar	38.673	38.597	38.537	39.310	38.835	38.429
23-Mar	38.668	38.591	38.531	39.311	38.831	38.421
24-Mar	38.664	38.586	38.525	39.312	38.828	38.414
25-Mar	38.659	38.580	38.519	39.312	38.825	38.406
26-Mar	38.654	38.574	38.512	39.313	38.822	38.399
27-Mar	38.649	38.569	38.506	39.313	38.819	38.394
28-Mar	38.644	38.563	38.500	39.315	38.817	38.390
29-Mar	38.640	38.557	38.493	39.318	38.815	38.386
30-Mar	38.636	38.553	38.488	39.321	38.814	38.382
31-Mar	38.634	38.550	38.485	39.324	38.813	38.377

**Table D-9. Monitoring thresholds for Article 6A for water level at Stung Treng (continued).**

<b>Article 6A - Monitoring thresholds for water level at Stung Treng (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	38.632	38.547	38.481	39.328	38.813	38.372
02-Apr	38.630	38.544	38.477	39.332	38.813	38.366
03-Apr	38.627	38.540	38.473	39.338	38.813	38.359
04-Apr	38.625	38.537	38.469	39.344	38.813	38.353
05-Apr	38.623	38.534	38.465	39.351	38.814	38.346
06-Apr	38.621	38.531	38.461	39.357	38.815	38.340
07-Apr	38.620	38.529	38.459	39.364	38.816	38.335
08-Apr	38.620	38.527	38.456	39.370	38.817	38.327
09-Apr	38.619	38.526	38.454	39.375	38.819	38.320
10-Apr	38.618	38.525	38.452	39.382	38.822	38.311
11-Apr	38.618	38.524	38.450	39.388	38.824	38.302
12-Apr	38.619	38.524	38.450	39.394	38.827	38.295
13-Apr	38.621	38.525	38.450	39.399	38.830	38.288
14-Apr	38.622	38.526	38.451	39.403	38.834	38.282
15-Apr	38.625	38.528	38.452	39.405	38.838	38.276
16-Apr	38.628	38.530	38.454	39.411	38.843	38.272
17-Apr	38.631	38.532	38.455	39.415	38.848	38.268
18-Apr	38.635	38.536	38.458	39.422	38.855	38.264
19-Apr	38.640	38.539	38.461	39.432	38.861	38.259
20-Apr	38.644	38.543	38.464	39.448	38.868	38.255
21-Apr	38.649	38.547	38.468	39.459	38.875	38.252
22-Apr	38.655	38.552	38.473	39.471	38.882	38.252
23-Apr	38.661	38.559	38.479	39.482	38.890	38.253
24-Apr	38.668	38.565	38.485	39.493	38.899	38.255
25-Apr	38.675	38.572	38.490	39.506	38.908	38.256
26-Apr	38.683	38.579	38.497	39.523	38.918	38.258
27-Apr	38.690	38.585	38.504	39.545	38.928	38.258
28-Apr	38.699	38.593	38.510	39.577	38.940	38.259
29-Apr	38.706	38.599	38.515	39.620	38.952	38.260
30-Apr	38.715	38.606	38.521	39.668	38.965	38.262
01-May	38.723	38.611	38.525	39.711	38.979	38.264
02-May	38.732	38.619	38.531	39.755	38.993	38.265
03-May	38.741	38.626	38.537	39.797	39.008	38.267
04-May	38.752	38.636	38.546	39.836	39.024	38.270
05-May	38.765	38.647	38.555	39.877	39.041	38.275
06-May	38.778	38.657	38.564	39.923	39.058	38.278
07-May	38.791	38.668	38.573	39.986	39.077	38.285
08-May	38.804	38.678	38.581	40.075	39.098	38.292
09-May	38.818	38.688	38.589	40.180	39.121	38.301
10-May	38.833	38.700	38.598	40.284	39.146	38.315
11-May	38.851	38.714	38.609	40.378	39.172	38.331
12-May	38.868	38.728	38.620	40.471	39.199	38.351
13-May	38.887	38.743	38.633	40.559	39.228	38.370
14-May	38.905	38.757	38.644	40.643	39.258	38.388
15-May	38.925	38.773	38.656	40.722	39.289	38.405
16-May	38.946	38.789	38.669	40.797	39.321	38.420
17-May	38.969	38.807	38.684	40.872	39.355	38.437
18-May	38.992	38.826	38.700	40.955	39.389	38.453
19-May	39.015	38.845	38.715	41.047	39.425	38.470
20-May	39.041	38.865	38.733	41.129	39.463	38.490
21-May	39.066	38.886	38.749	41.214	39.503	38.512
22-May	39.093	38.908	38.768	41.318	39.543	38.535
23-May	39.122	38.932	38.788	41.427	39.585	38.556
24-May	39.152	38.956	38.807	41.529	39.630	38.576
25-May	39.183	38.981	38.828	41.625	39.677	38.595
26-May	39.216	39.008	38.851	41.722	39.726	38.615
27-May	39.251	39.036	38.875	41.814	39.776	38.636
28-May	39.289	39.067	38.901	41.893	39.829	38.659
29-May	39.326	39.099	38.929	41.961	39.882	38.683
30-May	39.366	39.134	38.960	42.021	39.937	38.709
31-May	39.408	39.171	38.992	42.085	39.993	38.734

**Table D-10. Monitoring thresholds for Article 6A for discharge at Stung Treng.**

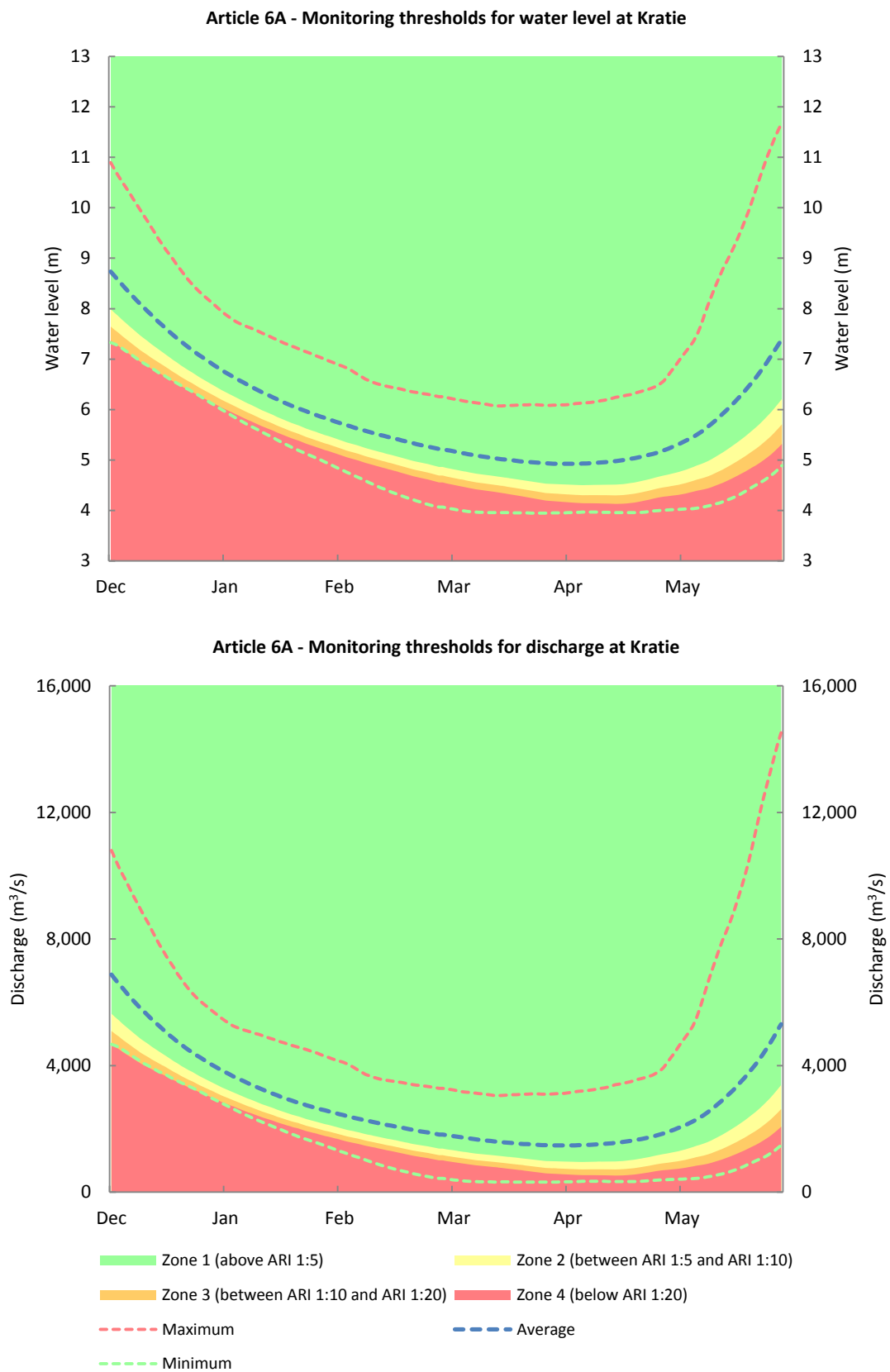
<b>Article 6A - Monitoring thresholds for discharge at Stung Treng (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	6,352	5,706	5,221	14,558	7,985	4,675
02-Dec	6,228	5,603	5,135	14,124	7,799	4,599
03-Dec	6,106	5,502	5,049	13,713	7,623	4,529
04-Dec	5,997	5,412	4,973	13,321	7,454	4,463
05-Dec	5,889	5,323	4,898	12,946	7,290	4,399
06-Dec	5,777	5,231	4,822	12,467	7,130	4,338
07-Dec	5,674	5,147	4,750	12,105	6,975	4,281
08-Dec	5,572	5,062	4,677	11,780	6,826	4,223
09-Dec	5,480	4,986	4,613	11,474	6,684	4,164
10-Dec	5,381	4,903	4,540	11,184	6,548	4,104
11-Dec	5,292	4,829	4,477	10,924	6,419	4,044
12-Dec	5,206	4,756	4,415	10,658	6,295	3,991
13-Dec	5,121	4,686	4,355	10,391	6,175	3,937
14-Dec	5,038	4,616	4,295	10,124	6,058	3,889
15-Dec	4,964	4,555	4,244	9,875	5,945	3,845
16-Dec	4,891	4,493	4,191	9,641	5,838	3,806
17-Dec	4,817	4,430	4,136	9,450	5,736	3,780
18-Dec	4,744	4,367	4,081	9,273	5,639	3,753
19-Dec	4,680	4,313	4,034	9,070	5,545	3,724
20-Dec	4,616	4,258	3,986	8,867	5,454	3,695
21-Dec	4,553	4,204	3,939	8,693	5,369	3,665
22-Dec	4,491	4,149	3,892	8,530	5,286	3,638
23-Dec	4,436	4,102	3,849	8,375	5,207	3,610
24-Dec	4,380	4,053	3,805	8,233	5,132	3,578
25-Dec	4,319	4,000	3,759	8,078	5,057	3,546
26-Dec	4,268	3,957	3,720	7,900	4,986	3,514
27-Dec	4,217	3,914	3,683	7,705	4,917	3,485
28-Dec	4,174	3,879	3,653	7,499	4,850	3,458
29-Dec	4,131	3,843	3,621	7,302	4,786	3,437
30-Dec	4,082	3,800	3,585	7,121	4,724	3,417
31-Dec	4,040	3,763	3,553	6,974	4,664	3,392
01-Jan	3,997	3,727	3,521	6,851	4,605	3,360
02-Jan	3,954	3,690	3,487	6,743	4,549	3,328
03-Jan	3,917	3,658	3,460	6,664	4,494	3,297
04-Jan	3,874	3,620	3,425	6,616	4,442	3,266
05-Jan	3,832	3,583	3,390	6,579	4,390	3,236
06-Jan	3,796	3,550	3,361	6,539	4,340	3,202
07-Jan	3,761	3,519	3,334	6,487	4,291	3,169
08-Jan	3,726	3,489	3,308	6,416	4,244	3,137
09-Jan	3,686	3,454	3,277	6,337	4,197	3,108
10-Jan	3,652	3,424	3,251	6,253	4,152	3,082
11-Jan	3,619	3,395	3,224	6,164	4,109	3,058
12-Jan	3,585	3,365	3,197	6,067	4,066	3,030
13-Jan	3,556	3,340	3,175	5,974	4,023	3,006
14-Jan	3,524	3,311	3,148	5,891	3,982	2,981
15-Jan	3,490	3,280	3,121	5,819	3,942	2,957
16-Jan	3,457	3,250	3,093	5,755	3,904	2,935
17-Jan	3,429	3,225	3,072	5,674	3,867	2,905
18-Jan	3,402	3,201	3,050	5,586	3,830	2,877
19-Jan	3,374	3,178	3,029	5,495	3,794	2,851
20-Jan	3,343	3,150	3,003	5,406	3,759	2,824
21-Jan	3,316	3,127	2,981	5,325	3,725	2,800
22-Jan	3,289	3,103	2,959	5,255	3,691	2,776
23-Jan	3,262	3,079	2,937	5,191	3,658	2,755
24-Jan	3,236	3,055	2,916	5,130	3,626	2,738
25-Jan	3,215	3,036	2,898	5,085	3,595	2,723
26-Jan	3,190	3,013	2,877	5,038	3,564	2,707
27-Jan	3,163	2,989	2,855	4,991	3,533	2,692
28-Jan	3,137	2,964	2,831	4,946	3,504	2,678
29-Jan	3,111	2,940	2,809	4,902	3,474	2,662
30-Jan	3,090	2,920	2,790	4,860	3,444	2,646
31-Jan	3,064	2,897	2,768	4,820	3,417	2,630

**Table D-10. Monitoring thresholds for Article 6A for discharge at Stung Treng (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Stung Treng (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	3,038	2,872	2,745	4,777	3,389	2,614
02-Feb	3,012	2,848	2,722	4,727	3,362	2,597
03-Feb	2,986	2,824	2,698	4,664	3,335	2,580
04-Feb	2,965	2,803	2,679	4,586	3,309	2,563
05-Feb	2,944	2,783	2,661	4,507	3,284	2,545
06-Feb	2,923	2,764	2,642	4,431	3,259	2,526
07-Feb	2,898	2,740	2,620	4,367	3,234	2,505
08-Feb	2,874	2,716	2,597	4,318	3,209	2,483
09-Feb	2,854	2,697	2,580	4,276	3,185	2,460
10-Feb	2,834	2,679	2,561	4,243	3,160	2,440
11-Feb	2,813	2,659	2,543	4,212	3,137	2,414
12-Feb	2,789	2,636	2,521	4,184	3,113	2,387
13-Feb	2,765	2,612	2,498	4,160	3,091	2,359
14-Feb	2,744	2,592	2,478	4,138	3,068	2,330
15-Feb	2,723	2,572	2,459	4,119	3,045	2,300
16-Feb	2,703	2,553	2,440	4,099	3,022	2,269
17-Feb	2,679	2,530	2,418	4,078	3,000	2,238
18-Feb	2,656	2,507	2,396	4,055	2,977	2,209
19-Feb	2,632	2,484	2,373	4,033	2,955	2,180
20-Feb	2,613	2,465	2,354	4,016	2,933	2,157
21-Feb	2,594	2,446	2,335	3,998	2,913	2,134
22-Feb	2,574	2,427	2,316	3,981	2,893	2,110
23-Feb	2,554	2,408	2,297	3,956	2,873	2,087
24-Feb	2,534	2,389	2,278	3,933	2,854	2,064
25-Feb	2,515	2,370	2,259	3,907	2,835	2,042
26-Feb	2,498	2,353	2,242	3,882	2,817	2,020
27-Feb	2,479	2,334	2,223	3,859	2,799	1,999
28-Feb	2,460	2,315	2,205	3,838	2,781	1,977
29-Feb	2,460	2,315	2,205	3,838	2,781	1,977
01-Mar	2,441	2,296	2,186	3,820	2,764	1,957
02-Mar	2,422	2,277	2,168	3,807	2,747	1,938
03-Mar	2,407	2,262	2,152	3,794	2,730	1,920
04-Mar	2,392	2,247	2,137	3,779	2,714	1,901
05-Mar	2,377	2,232	2,122	3,761	2,699	1,884
06-Mar	2,363	2,218	2,108	3,745	2,685	1,866
07-Mar	2,348	2,203	2,094	3,734	2,670	1,848
08-Mar	2,333	2,189	2,079	3,724	2,657	1,834
09-Mar	2,317	2,174	2,064	3,712	2,643	1,822
10-Mar	2,306	2,162	2,052	3,697	2,631	1,813
11-Mar	2,294	2,150	2,040	3,681	2,618	1,803
12-Mar	2,279	2,135	2,025	3,669	2,606	1,792
13-Mar	2,265	2,120	2,010	3,661	2,594	1,780
14-Mar	2,250	2,105	1,995	3,661	2,583	1,772
15-Mar	2,238	2,092	1,982	3,672	2,572	1,764
16-Mar	2,226	2,081	1,970	3,683	2,561	1,755
17-Mar	2,215	2,069	1,958	3,696	2,550	1,747
18-Mar	2,203	2,056	1,945	3,704	2,540	1,739
19-Mar	2,191	2,044	1,932	3,713	2,530	1,732
20-Mar	2,182	2,034	1,921	3,718	2,521	1,724
21-Mar	2,172	2,023	1,910	3,722	2,513	1,715
22-Mar	2,163	2,012	1,899	3,726	2,506	1,706
23-Mar	2,153	2,001	1,888	3,729	2,498	1,693
24-Mar	2,143	1,991	1,876	3,730	2,491	1,679
25-Mar	2,133	1,980	1,865	3,730	2,484	1,667
26-Mar	2,124	1,969	1,853	3,733	2,478	1,655
27-Mar	2,114	1,958	1,842	3,733	2,472	1,647
28-Mar	2,104	1,947	1,831	3,740	2,467	1,640
29-Mar	2,095	1,937	1,819	3,749	2,463	1,634
30-Mar	2,088	1,928	1,810	3,757	2,460	1,625
31-Mar	2,085	1,924	1,804	3,765	2,458	1,618

**Table D-10. Monitoring thresholds for Article 6A for discharge at Stung Treng (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Stung Treng (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	2,080	1,918	1,797	3,778	2,457	1,609
02-Apr	2,076	1,912	1,789	3,790	2,457	1,599
03-Apr	2,071	1,905	1,782	3,807	2,457	1,589
04-Apr	2,067	1,899	1,775	3,825	2,458	1,578
05-Apr	2,062	1,893	1,768	3,845	2,459	1,568
06-Apr	2,058	1,887	1,761	3,866	2,461	1,557
07-Apr	2,057	1,884	1,758	3,884	2,464	1,548
08-Apr	2,056	1,881	1,754	3,902	2,468	1,537
09-Apr	2,055	1,879	1,750	3,920	2,472	1,524
10-Apr	2,054	1,876	1,746	3,939	2,477	1,511
11-Apr	2,053	1,874	1,743	3,959	2,483	1,497
12-Apr	2,056	1,875	1,743	3,976	2,489	1,484
13-Apr	2,058	1,876	1,743	3,990	2,496	1,474
14-Apr	2,061	1,878	1,743	4,002	2,504	1,464
15-Apr	2,067	1,882	1,746	4,010	2,513	1,456
16-Apr	2,073	1,886	1,749	4,027	2,524	1,449
17-Apr	2,078	1,890	1,752	4,040	2,537	1,443
18-Apr	2,087	1,897	1,757	4,063	2,550	1,436
19-Apr	2,095	1,903	1,761	4,094	2,565	1,430
20-Apr	2,104	1,910	1,767	4,144	2,580	1,424
21-Apr	2,114	1,918	1,774	4,178	2,597	1,419
22-Apr	2,125	1,927	1,782	4,214	2,614	1,419
23-Apr	2,139	1,939	1,793	4,250	2,632	1,421
24-Apr	2,152	1,951	1,803	4,284	2,652	1,423
25-Apr	2,166	1,964	1,814	4,329	2,673	1,426
26-Apr	2,182	1,978	1,826	4,382	2,696	1,428
27-Apr	2,197	1,990	1,838	4,456	2,720	1,429
28-Apr	2,215	2,004	1,849	4,562	2,748	1,430
29-Apr	2,230	2,015	1,859	4,704	2,777	1,431
30-Apr	2,248	2,029	1,869	4,870	2,809	1,434
01-May	2,264	2,040	1,877	5,024	2,842	1,436
02-May	2,283	2,054	1,888	5,181	2,876	1,439
03-May	2,302	2,069	1,900	5,337	2,913	1,442
04-May	2,326	2,088	1,915	5,481	2,953	1,447
05-May	2,354	2,110	1,933	5,638	2,995	1,453
06-May	2,381	2,131	1,949	5,819	3,040	1,459
07-May	2,410	2,153	1,967	6,071	3,088	1,469
08-May	2,438	2,172	1,981	6,436	3,142	1,480
09-May	2,468	2,193	1,996	6,890	3,202	1,494
10-May	2,503	2,218	2,014	7,358	3,267	1,516
11-May	2,542	2,246	2,035	7,802	3,338	1,543
12-May	2,581	2,275	2,057	8,253	3,412	1,575
13-May	2,625	2,307	2,081	8,700	3,491	1,607
14-May	2,667	2,337	2,104	9,142	3,575	1,636
15-May	2,714	2,370	2,129	9,570	3,665	1,665
16-May	2,762	2,405	2,154	9,991	3,758	1,691
17-May	2,817	2,446	2,185	10,418	3,857	1,719
18-May	2,874	2,486	2,217	10,914	3,962	1,747
19-May	2,930	2,528	2,248	11,474	4,073	1,777
20-May	2,995	2,575	2,285	11,989	4,191	1,813
21-May	3,058	2,622	2,320	12,541	4,316	1,853
22-May	3,129	2,674	2,360	13,242	4,446	1,896
23-May	3,205	2,730	2,403	14,007	4,588	1,934
24-May	3,283	2,786	2,445	14,744	4,740	1,972
25-May	3,367	2,846	2,491	15,456	4,902	2,009
26-May	3,460	2,913	2,542	16,206	5,076	2,047
27-May	3,556	2,983	2,596	16,941	5,260	2,088
28-May	3,664	3,063	2,658	17,590	5,454	2,134
29-May	3,772	3,144	2,722	18,160	5,658	2,183
30-May	3,893	3,236	2,796	18,668	5,873	2,236
31-May	4,019	3,334	2,874	19,224	6,096	2,288



**Figure D-6. Monitoring thresholds for Article 6A at Kratie.**

**Table D-11. Monitoring thresholds for Article 6A for water level at Kratie.**

<b>Article 6A - Monitoring thresholds for water level at Kratie (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	7.989	7.645	7.371	10.895	8.737	7.330
02-Dec	7.920	7.583	7.316	10.767	8.651	7.299
03-Dec	7.857	7.528	7.267	10.643	8.566	7.265
04-Dec	7.786	7.464	7.209	10.527	8.484	7.217
05-Dec	7.722	7.406	7.156	10.416	8.402	7.167
06-Dec	7.657	7.349	7.104	10.304	8.322	7.117
07-Dec	7.594	7.291	7.051	10.184	8.244	7.066
08-Dec	7.531	7.235	6.999	10.069	8.167	7.014
09-Dec	7.468	7.177	6.947	9.954	8.092	6.963
10-Dec	7.412	7.128	6.902	9.840	8.019	6.915
11-Dec	7.358	7.080	6.859	9.731	7.947	6.871
12-Dec	7.298	7.027	6.811	9.612	7.876	6.825
13-Dec	7.245	6.980	6.770	9.494	7.806	6.779
14-Dec	7.192	6.933	6.728	9.380	7.738	6.732
15-Dec	7.139	6.887	6.686	9.273	7.671	6.700
16-Dec	7.086	6.840	6.644	9.165	7.604	6.653
17-Dec	7.033	6.791	6.600	9.068	7.539	6.607
18-Dec	6.978	6.742	6.555	8.971	7.475	6.564
19-Dec	6.931	6.699	6.515	8.860	7.414	6.522
20-Dec	6.876	6.649	6.469	8.766	7.354	6.480
21-Dec	6.829	6.606	6.429	8.668	7.295	6.439
22-Dec	6.781	6.563	6.389	8.575	7.239	6.399
23-Dec	6.739	6.525	6.354	8.492	7.184	6.359
24-Dec	6.691	6.481	6.312	8.412	7.130	6.317
25-Dec	6.643	6.435	6.270	8.339	7.078	6.275
26-Dec	6.600	6.396	6.232	8.270	7.027	6.230
27-Dec	6.558	6.356	6.195	8.206	6.977	6.182
28-Dec	6.515	6.316	6.157	8.142	6.928	6.136
29-Dec	6.474	6.277	6.120	8.079	6.880	6.093
30-Dec	6.431	6.236	6.082	8.017	6.834	6.049
31-Dec	6.388	6.196	6.042	7.954	6.788	6.005
01-Jan	6.351	6.160	6.008	7.895	6.743	5.962
02-Jan	6.313	6.125	5.973	7.839	6.700	5.918
03-Jan	6.276	6.089	5.939	7.787	6.657	5.875
04-Jan	6.239	6.053	5.904	7.743	6.616	5.831
05-Jan	6.202	6.017	5.869	7.706	6.575	5.790
06-Jan	6.164	5.981	5.834	7.674	6.536	5.748
07-Jan	6.127	5.945	5.799	7.643	6.496	5.707
08-Jan	6.095	5.914	5.769	7.614	6.457	5.668
09-Jan	6.059	5.879	5.736	7.582	6.419	5.631
10-Jan	6.023	5.845	5.702	7.552	6.382	5.593
11-Jan	5.986	5.810	5.669	7.518	6.345	5.555
12-Jan	5.956	5.780	5.640	7.485	6.309	5.517
13-Jan	5.925	5.751	5.611	7.452	6.275	5.479
14-Jan	5.894	5.720	5.582	7.419	6.240	5.441
15-Jan	5.857	5.685	5.547	7.386	6.207	5.403
16-Jan	5.826	5.655	5.518	7.352	6.173	5.366
17-Jan	5.796	5.626	5.489	7.319	6.141	5.330
18-Jan	5.765	5.596	5.460	7.289	6.110	5.293
19-Jan	5.735	5.566	5.431	7.260	6.079	5.257
20-Jan	5.709	5.542	5.406	7.232	6.049	5.222
21-Jan	5.684	5.516	5.382	7.202	6.020	5.188
22-Jan	5.653	5.486	5.352	7.173	5.992	5.154
23-Jan	5.622	5.456	5.323	7.145	5.965	5.123
24-Jan	5.597	5.432	5.298	7.117	5.938	5.091
25-Jan	5.572	5.407	5.274	7.088	5.911	5.061
26-Jan	5.547	5.382	5.249	7.058	5.885	5.030
27-Jan	5.521	5.356	5.224	7.027	5.859	4.998
28-Jan	5.495	5.331	5.198	6.996	5.834	4.964
29-Jan	5.475	5.311	5.178	6.966	5.809	4.929
30-Jan	5.450	5.286	5.153	6.938	5.784	4.894
31-Jan	5.425	5.261	5.129	6.911	5.760	4.860

**Table D-11. Monitoring thresholds for Article 6A for water level at Kratie (continued).**

<b>Article 6A - Monitoring thresholds for water level at Kratie (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	5.399	5.236	5.104	6.884	5.736	4.825
02-Feb	5.374	5.211	5.079	6.858	5.713	4.792
03-Feb	5.348	5.185	5.054	6.826	5.690	4.758
04-Feb	5.328	5.165	5.033	6.788	5.667	4.725
05-Feb	5.308	5.145	5.013	6.744	5.645	4.692
06-Feb	5.288	5.125	4.993	6.696	5.622	4.658
07-Feb	5.263	5.101	4.968	6.650	5.601	4.625
08-Feb	5.239	5.076	4.944	6.604	5.580	4.591
09-Feb	5.218	5.056	4.924	6.572	5.559	4.556
10-Feb	5.198	5.035	4.904	6.542	5.538	4.523
11-Feb	5.178	5.015	4.883	6.517	5.518	4.490
12-Feb	5.158	4.995	4.863	6.495	5.498	4.457
13-Feb	5.138	4.974	4.842	6.475	5.478	4.426
14-Feb	5.118	4.953	4.821	6.458	5.459	4.396
15-Feb	5.102	4.937	4.804	6.442	5.441	4.367
16-Feb	5.082	4.916	4.783	6.429	5.423	4.340
17-Feb	5.062	4.896	4.762	6.415	5.405	4.313
18-Feb	5.042	4.875	4.741	6.399	5.386	4.287
19-Feb	5.022	4.855	4.721	6.382	5.368	4.262
20-Feb	5.001	4.834	4.700	6.365	5.350	4.237
21-Feb	4.981	4.814	4.679	6.350	5.332	4.212
22-Feb	4.965	4.797	4.662	6.337	5.315	4.188
23-Feb	4.950	4.782	4.645	6.325	5.298	4.165
24-Feb	4.935	4.766	4.629	6.313	5.281	4.142
25-Feb	4.920	4.750	4.614	6.300	5.265	4.121
26-Feb	4.900	4.731	4.594	6.285	5.248	4.101
27-Feb	4.881	4.711	4.575	6.269	5.232	4.082
28-Feb	4.862	4.692	4.555	6.254	5.216	4.065
29-Feb	4.862	4.692	4.555	6.254	5.216	4.065
01-Mar	4.843	4.673	4.536	6.239	5.200	4.050
02-Mar	4.829	4.658	4.521	6.225	5.185	4.036
03-Mar	4.814	4.643	4.506	6.210	5.171	4.023
04-Mar	4.800	4.628	4.491	6.195	5.156	4.010
05-Mar	4.785	4.614	4.476	6.179	5.142	3.998
06-Mar	4.771	4.600	4.462	6.167	5.129	3.989
07-Mar	4.757	4.585	4.447	6.156	5.116	3.980
08-Mar	4.744	4.571	4.433	6.147	5.104	3.973
09-Mar	4.730	4.557	4.419	6.137	5.091	3.967
10-Mar	4.720	4.547	4.409	6.125	5.079	3.962
11-Mar	4.710	4.538	4.399	6.115	5.068	3.960
12-Mar	4.701	4.528	4.389	6.102	5.057	3.958
13-Mar	4.692	4.518	4.379	6.088	5.046	3.957
14-Mar	4.682	4.508	4.369	6.077	5.036	3.956
15-Mar	4.671	4.498	4.358	6.071	5.026	3.955
16-Mar	4.661	4.487	4.346	6.072	5.017	3.956
17-Mar	4.650	4.476	4.335	6.076	5.008	3.956
18-Mar	4.639	4.464	4.322	6.080	5.000	3.955
19-Mar	4.629	4.452	4.310	6.084	4.991	3.954
20-Mar	4.618	4.441	4.298	6.086	4.983	3.953
21-Mar	4.607	4.429	4.286	6.089	4.975	3.952
22-Mar	4.596	4.417	4.273	6.093	4.968	3.951
23-Mar	4.585	4.405	4.260	6.095	4.962	3.950
24-Mar	4.574	4.393	4.247	6.097	4.956	3.949
25-Mar	4.563	4.381	4.234	6.096	4.950	3.949
26-Mar	4.552	4.369	4.221	6.092	4.944	3.949
27-Mar	4.541	4.356	4.208	6.088	4.939	3.949
28-Mar	4.530	4.344	4.195	6.085	4.935	3.949
29-Mar	4.527	4.340	4.189	6.084	4.931	3.949
30-Mar	4.524	4.335	4.184	6.086	4.928	3.950
31-Mar	4.521	4.331	4.178	6.089	4.925	3.951

Table D-11. Monitoring thresholds for Article 6A for water level at Kratie (continued).

Article 6A - Monitoring thresholds for water level at Kratie (m msl)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Apr	4.518	4.326	4.173	6.090	4.924	3.953
02-Apr	4.515	4.321	4.167	6.092	4.923	3.953
03-Apr	4.512	4.317	4.162	6.096	4.924	3.955
04-Apr	4.509	4.313	4.156	6.104	4.925	3.956
05-Apr	4.506	4.308	4.151	6.117	4.926	3.960
06-Apr	4.503	4.305	4.147	6.125	4.927	3.963
07-Apr	4.501	4.301	4.143	6.129	4.930	3.966
08-Apr	4.503	4.302	4.142	6.133	4.933	3.968
09-Apr	4.504	4.303	4.142	6.140	4.936	3.969
10-Apr	4.506	4.303	4.141	6.149	4.940	3.969
11-Apr	4.507	4.303	4.140	6.161	4.945	3.968
12-Apr	4.508	4.302	4.138	6.177	4.952	3.965
13-Apr	4.509	4.302	4.136	6.188	4.958	3.962
14-Apr	4.510	4.301	4.135	6.200	4.964	3.960
15-Apr	4.511	4.299	4.132	6.225	4.971	3.957
16-Apr	4.512	4.298	4.129	6.244	4.980	3.956
17-Apr	4.517	4.301	4.131	6.254	4.989	3.956
18-Apr	4.522	4.305	4.133	6.269	4.999	3.956
19-Apr	4.532	4.313	4.139	6.285	5.011	3.957
20-Apr	4.543	4.322	4.147	6.298	5.024	3.957
21-Apr	4.553	4.331	4.155	6.321	5.037	3.958
22-Apr	4.569	4.345	4.168	6.344	5.052	3.958
23-Apr	4.585	4.360	4.183	6.365	5.067	3.961
24-Apr	4.601	4.376	4.198	6.384	5.084	3.969
25-Apr	4.618	4.392	4.213	6.404	5.101	3.978
26-Apr	4.638	4.411	4.231	6.432	5.120	3.987
27-Apr	4.658	4.429	4.248	6.465	5.141	3.993
28-Apr	4.676	4.445	4.262	6.509	5.165	3.998
29-Apr	4.693	4.458	4.273	6.571	5.191	4.003
30-Apr	4.708	4.469	4.281	6.662	5.219	4.009
01-May	4.726	4.483	4.291	6.762	5.249	4.015
02-May	4.744	4.495	4.300	6.857	5.281	4.017
03-May	4.762	4.508	4.309	6.962	5.314	4.021
04-May	4.785	4.526	4.322	7.063	5.348	4.024
05-May	4.807	4.544	4.336	7.155	5.384	4.029
06-May	4.835	4.566	4.355	7.248	5.422	4.033
07-May	4.862	4.588	4.372	7.354	5.461	4.038
08-May	4.893	4.612	4.391	7.491	5.504	4.046
09-May	4.918	4.631	4.405	7.669	5.551	4.056
10-May	4.947	4.652	4.420	7.872	5.603	4.072
11-May	4.980	4.677	4.438	8.076	5.661	4.088
12-May	5.019	4.707	4.463	8.267	5.722	4.106
13-May	5.063	4.743	4.492	8.447	5.785	4.128
14-May	5.107	4.777	4.520	8.622	5.850	4.147
15-May	5.151	4.812	4.548	8.786	5.918	4.172
16-May	5.200	4.853	4.582	8.928	5.988	4.201
17-May	5.250	4.894	4.617	9.074	6.061	4.229
18-May	5.302	4.937	4.653	9.230	6.135	4.261
19-May	5.354	4.980	4.690	9.394	6.213	4.294
20-May	5.410	5.027	4.730	9.569	6.294	4.333
21-May	5.465	5.073	4.768	9.754	6.376	4.375
22-May	5.526	5.124	4.811	9.945	6.462	4.419
23-May	5.588	5.175	4.855	10.158	6.550	4.463
24-May	5.650	5.225	4.896	10.384	6.643	4.509
25-May	5.717	5.281	4.943	10.604	6.739	4.550
26-May	5.790	5.342	4.995	10.814	6.839	4.591
27-May	5.866	5.405	5.049	11.009	6.943	4.635
28-May	5.943	5.471	5.106	11.192	7.053	4.689
29-May	6.029	5.546	5.173	11.373	7.166	4.750
30-May	6.118	5.625	5.243	11.538	7.281	4.815
31-May	6.210	5.707	5.318	11.691	7.397	4.887

**Table D-12. Monitoring thresholds for Article 6A for discharge at Kratie.**

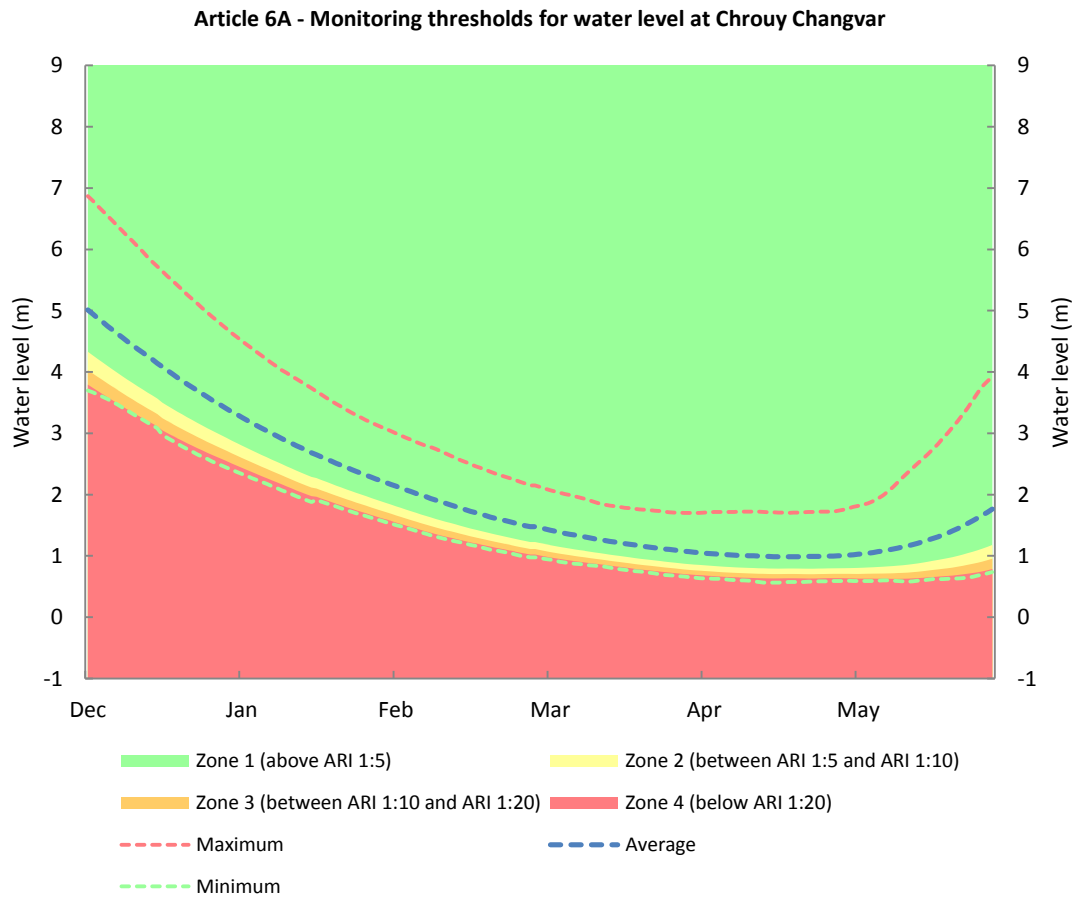
<b>Article 6A - Monitoring thresholds for discharge at Kratie (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	5,638	5,091	4,669	10,799	6,875	4,676
02-Dec	5,529	4,999	4,590	10,526	6,728	4,632
03-Dec	5,432	4,918	4,520	10,270	6,584	4,583
04-Dec	5,321	4,822	4,435	10,035	6,445	4,507
05-Dec	5,223	4,736	4,359	9,818	6,310	4,432
06-Dec	5,127	4,654	4,286	9,596	6,177	4,358
07-Dec	5,029	4,568	4,210	9,363	6,049	4,283
08-Dec	4,933	4,485	4,136	9,144	5,924	4,205
09-Dec	4,838	4,401	4,062	8,923	5,802	4,129
10-Dec	4,758	4,332	4,002	8,703	5,686	4,059
11-Dec	4,680	4,266	3,944	8,499	5,573	3,998
12-Dec	4,592	4,191	3,879	8,269	5,461	3,933
13-Dec	4,517	4,127	3,824	8,043	5,352	3,867
14-Dec	4,439	4,061	3,767	7,829	5,246	3,800
15-Dec	4,363	3,997	3,712	7,634	5,144	3,762
16-Dec	4,289	3,933	3,656	7,436	5,041	3,695
17-Dec	4,211	3,865	3,595	7,266	4,941	3,632
18-Dec	4,132	3,795	3,533	7,095	4,844	3,572
19-Dec	4,065	3,737	3,481	6,893	4,751	3,515
20-Dec	3,986	3,667	3,418	6,736	4,662	3,459
21-Dec	3,920	3,608	3,364	6,570	4,576	3,403
22-Dec	3,853	3,549	3,310	6,417	4,492	3,349
23-Dec	3,798	3,500	3,265	6,285	4,412	3,294
24-Dec	3,729	3,438	3,208	6,161	4,334	3,237
25-Dec	3,661	3,376	3,150	6,050	4,260	3,178
26-Dec	3,602	3,322	3,100	5,949	4,187	3,117
27-Dec	3,544	3,268	3,051	5,857	4,115	3,050
28-Dec	3,486	3,214	3,001	5,767	4,045	2,988
29-Dec	3,427	3,160	2,950	5,676	3,977	2,929
30-Dec	3,369	3,106	2,899	5,586	3,912	2,871
31-Dec	3,309	3,050	2,845	5,494	3,848	2,811
01-Jan	3,259	3,004	2,801	5,410	3,786	2,753
02-Jan	3,209	2,956	2,756	5,329	3,726	2,695
03-Jan	3,159	2,909	2,710	5,259	3,667	2,636
04-Jan	3,109	2,862	2,665	5,204	3,610	2,577
05-Jan	3,060	2,814	2,620	5,161	3,555	2,521
06-Jan	3,009	2,766	2,573	5,125	3,501	2,466
07-Jan	2,959	2,718	2,528	5,088	3,447	2,412
08-Jan	2,919	2,680	2,491	5,055	3,394	2,361
09-Jan	2,871	2,635	2,448	5,018	3,342	2,312
10-Jan	2,823	2,590	2,405	4,985	3,292	2,263
11-Jan	2,774	2,544	2,361	4,945	3,243	2,215
12-Jan	2,735	2,507	2,325	4,907	3,195	2,167
13-Jan	2,695	2,469	2,289	4,867	3,149	2,118
14-Jan	2,655	2,431	2,252	4,827	3,104	2,069
15-Jan	2,607	2,385	2,207	4,790	3,059	2,022
16-Jan	2,567	2,347	2,171	4,749	3,015	1,975
17-Jan	2,528	2,310	2,135	4,711	2,973	1,928
18-Jan	2,489	2,272	2,098	4,676	2,933	1,882
19-Jan	2,449	2,234	2,061	4,642	2,894	1,835
20-Jan	2,418	2,204	2,032	4,608	2,856	1,791
21-Jan	2,386	2,173	2,002	4,571	2,819	1,747
22-Jan	2,347	2,134	1,965	4,537	2,783	1,705
23-Jan	2,307	2,096	1,927	4,503	2,748	1,666
24-Jan	2,276	2,066	1,898	4,467	2,714	1,626
25-Jan	2,245	2,035	1,868	4,428	2,681	1,589
26-Jan	2,214	2,004	1,838	4,386	2,648	1,550
27-Jan	2,181	1,973	1,806	4,342	2,616	1,510
28-Jan	2,149	1,941	1,775	4,297	2,584	1,468
29-Jan	2,125	1,917	1,751	4,253	2,553	1,425
30-Jan	2,094	1,886	1,720	4,212	2,522	1,382
31-Jan	2,063	1,856	1,690	4,176	2,492	1,340

**Table D-12. Monitoring thresholds for Article 6A for discharge at Kratie (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Kratie (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	2,031	1,825	1,660	4,138	2,462	1,298
02-Feb	1,999	1,793	1,629	4,103	2,433	1,257
03-Feb	1,967	1,762	1,598	4,058	2,405	1,217
04-Feb	1,943	1,738	1,574	4,000	2,377	1,177
05-Feb	1,918	1,714	1,550	3,931	2,349	1,138
06-Feb	1,895	1,690	1,526	3,859	2,322	1,098
07-Feb	1,864	1,660	1,497	3,788	2,295	1,059
08-Feb	1,834	1,630	1,467	3,721	2,269	1,019
09-Feb	1,809	1,606	1,443	3,676	2,244	979
10-Feb	1,785	1,582	1,419	3,636	2,219	939
11-Feb	1,761	1,557	1,395	3,603	2,194	900
12-Feb	1,736	1,532	1,370	3,575	2,169	863
13-Feb	1,711	1,507	1,345	3,550	2,145	826
14-Feb	1,686	1,481	1,319	3,530	2,121	792
15-Feb	1,668	1,462	1,299	3,510	2,099	760
16-Feb	1,643	1,437	1,274	3,496	2,077	729
17-Feb	1,618	1,412	1,249	3,479	2,055	699
18-Feb	1,593	1,387	1,224	3,460	2,033	670
19-Feb	1,569	1,362	1,199	3,440	2,010	643
20-Feb	1,544	1,338	1,175	3,418	1,988	615
21-Feb	1,519	1,313	1,149	3,399	1,966	588
22-Feb	1,501	1,294	1,130	3,383	1,944	563
23-Feb	1,483	1,275	1,111	3,369	1,923	537
24-Feb	1,465	1,257	1,092	3,357	1,903	514
25-Feb	1,446	1,238	1,074	3,341	1,882	491
26-Feb	1,423	1,215	1,050	3,322	1,862	470
27-Feb	1,400	1,192	1,028	3,302	1,842	451
28-Feb	1,376	1,168	1,005	3,282	1,823	433
29-Feb	1,376	1,168	1,005	3,282	1,823	433
01-Mar	1,353	1,145	982	3,264	1,803	418
02-Mar	1,336	1,128	965	3,246	1,785	403
03-Mar	1,319	1,111	947	3,226	1,767	388
04-Mar	1,301	1,094	930	3,205	1,749	375
05-Mar	1,285	1,077	913	3,182	1,732	363
06-Mar	1,268	1,060	897	3,165	1,715	354
07-Mar	1,251	1,043	880	3,150	1,700	345
08-Mar	1,235	1,027	864	3,140	1,685	338
09-Mar	1,218	1,010	848	3,129	1,670	332
10-Mar	1,207	999	837	3,116	1,656	327
11-Mar	1,196	988	825	3,105	1,642	324
12-Mar	1,185	977	814	3,088	1,628	323
13-Mar	1,174	965	802	3,072	1,615	322
14-Mar	1,162	954	790	3,058	1,603	321
15-Mar	1,150	942	778	3,052	1,592	322
16-Mar	1,138	929	765	3,056	1,580	322
17-Mar	1,125	916	751	3,064	1,570	323
18-Mar	1,112	902	737	3,072	1,560	322
19-Mar	1,100	889	724	3,078	1,549	322
20-Mar	1,087	876	711	3,082	1,540	321
21-Mar	1,075	863	696	3,086	1,531	320
22-Mar	1,062	849	682	3,092	1,523	319
23-Mar	1,048	834	667	3,099	1,516	319
24-Mar	1,035	820	652	3,105	1,509	318
25-Mar	1,022	806	637	3,105	1,501	318
26-Mar	1,009	792	623	3,101	1,495	319
27-Mar	996	778	608	3,097	1,490	318
28-Mar	983	764	593	3,095	1,485	319
29-Mar	980	759	587	3,097	1,480	319
30-Mar	976	754	581	3,105	1,478	320
31-Mar	973	749	575	3,112	1,476	322

**Table D-12. Monitoring thresholds for Article 6A for discharge at Kratie (continued).**

<b>Article 6A - Monitoring thresholds for discharge at Kratie (m<sup>3</sup>/s)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	970	744	569	3,118	1,474	324
02-Apr	967	739	563	3,124	1,474	325
03-Apr	964	735	557	3,134	1,476	328
04-Apr	961	730	551	3,151	1,478	329
05-Apr	958	725	545	3,175	1,480	333
06-Apr	955	721	541	3,190	1,483	337
07-Apr	953	717	537	3,199	1,487	340
08-Apr	955	719	536	3,207	1,492	343
09-Apr	958	720	536	3,219	1,497	345
10-Apr	961	720	536	3,234	1,503	345
11-Apr	963	721	535	3,255	1,511	344
12-Apr	964	721	533	3,281	1,520	343
13-Apr	966	720	531	3,299	1,529	339
14-Apr	967	720	529	3,321	1,538	337
15-Apr	969	718	526	3,363	1,548	334
16-Apr	970	717	523	3,393	1,560	333
17-Apr	977	721	525	3,409	1,573	333
18-Apr	984	725	528	3,434	1,587	333
19-Apr	996	735	536	3,463	1,603	334
20-Apr	1,010	745	545	3,486	1,621	335
21-Apr	1,023	756	554	3,523	1,640	336
22-Apr	1,042	774	569	3,560	1,660	336
23-Apr	1,063	792	586	3,591	1,682	340
24-Apr	1,084	811	604	3,621	1,704	348
25-Apr	1,105	830	621	3,652	1,729	359
26-Apr	1,131	854	642	3,698	1,755	368
27-Apr	1,157	876	663	3,751	1,785	375
28-Apr	1,180	896	680	3,823	1,818	380
29-Apr	1,202	913	693	3,929	1,854	386
30-Apr	1,221	926	703	4,080	1,893	392
01-May	1,245	943	714	4,245	1,935	399
02-May	1,268	959	725	4,400	1,980	402
03-May	1,291	975	736	4,577	2,026	406
04-May	1,321	997	753	4,749	2,073	409
05-May	1,351	1,020	770	4,904	2,123	416
06-May	1,388	1,048	792	5,064	2,178	420
07-May	1,424	1,076	813	5,253	2,234	426
08-May	1,464	1,107	837	5,503	2,295	434
09-May	1,498	1,130	853	5,833	2,362	445
10-May	1,537	1,157	872	6,208	2,438	463
11-May	1,581	1,189	895	6,587	2,522	481
12-May	1,633	1,228	925	6,945	2,611	502
13-May	1,693	1,274	962	7,286	2,704	527
14-May	1,753	1,320	997	7,623	2,800	549
15-May	1,814	1,366	1,033	7,944	2,904	578
16-May	1,883	1,420	1,076	8,218	3,008	611
17-May	1,953	1,475	1,120	8,507	3,119	645
18-May	2,026	1,532	1,167	8,829	3,233	682
19-May	2,099	1,591	1,214	9,171	3,352	721
20-May	2,180	1,655	1,266	9,540	3,479	768
21-May	2,259	1,717	1,316	9,939	3,609	820
22-May	2,348	1,787	1,374	10,364	3,745	874
23-May	2,439	1,858	1,431	10,849	3,886	928
24-May	2,530	1,928	1,487	11,369	4,034	985
25-May	2,630	2,007	1,549	11,880	4,190	1,038
26-May	2,739	2,093	1,619	12,373	4,354	1,089
27-May	2,854	2,185	1,694	12,835	4,528	1,147
28-May	2,972	2,279	1,772	13,274	4,712	1,216
29-May	3,104	2,389	1,864	13,725	4,905	1,296
30-May	3,242	2,503	1,961	14,135	5,103	1,382
31-May	3,386	2,625	2,067	14,521	5,304	1,480



**Figure D-7. Monitoring thresholds for Article 6A at Chrouy Changvar.**

**Table D-13. Monitoring thresholds for Article 6A for water level at Chrouy Changvar.**

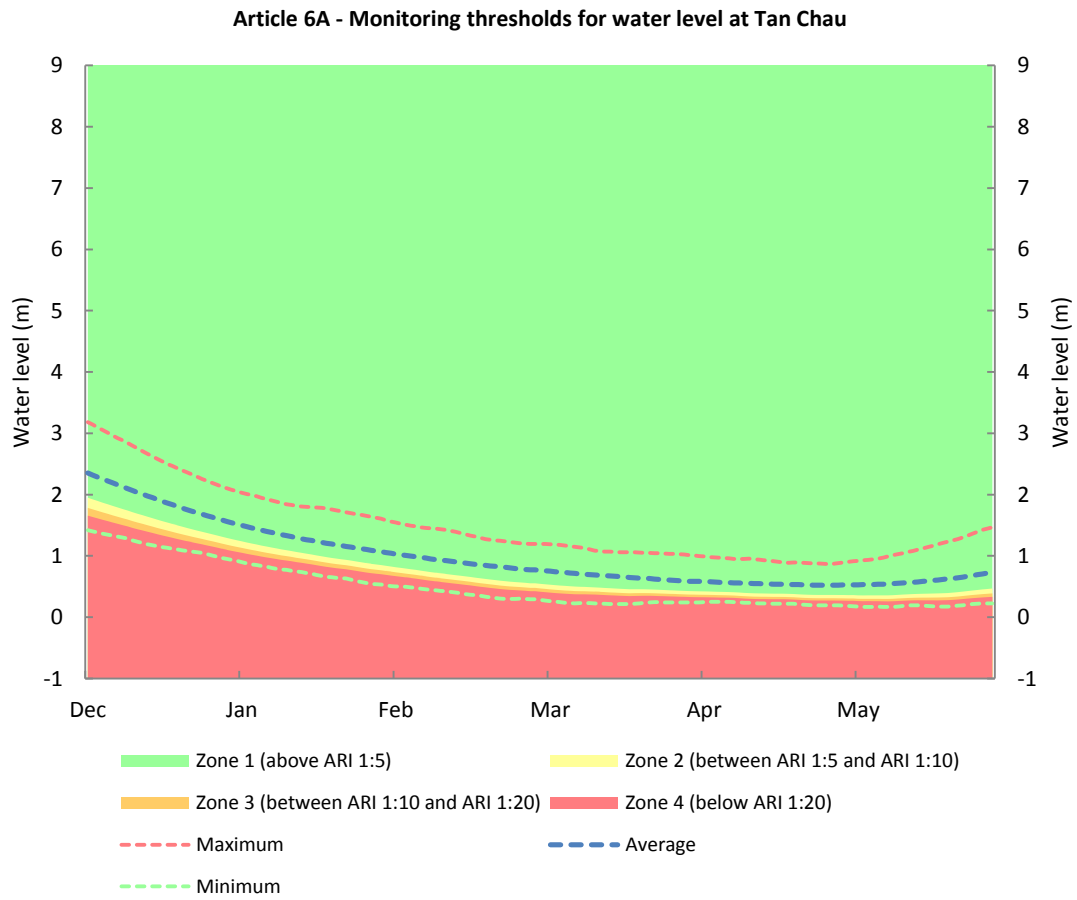
<b>Article 6A - Monitoring thresholds for water level at Chrouy Changvar (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	4.330	4.031	3.795	6.871	5.010	3.699
02-Dec	4.271	3.975	3.742	6.789	4.944	3.665
03-Dec	4.212	3.920	3.690	6.707	4.877	3.630
04-Dec	4.155	3.867	3.639	6.625	4.812	3.595
05-Dec	4.097	3.812	3.588	6.544	4.748	3.556
06-Dec	4.040	3.759	3.537	6.461	4.685	3.513
07-Dec	3.984	3.706	3.487	6.379	4.621	3.467
08-Dec	3.928	3.654	3.437	6.296	4.559	3.417
09-Dec	3.873	3.602	3.387	6.214	4.497	3.368
10-Dec	3.822	3.554	3.342	6.131	4.437	3.318
11-Dec	3.768	3.502	3.293	6.049	4.377	3.270
12-Dec	3.718	3.455	3.248	5.966	4.318	3.223
13-Dec	3.665	3.406	3.202	5.880	4.259	3.177
14-Dec	3.617	3.361	3.159	5.797	4.202	3.131
15-Dec	3.566	3.313	3.113	5.719	4.144	3.085
16-Dec	3.500	3.247	3.048	5.642	4.084	2.972
17-Dec	3.450	3.201	3.004	5.567	4.026	2.925
18-Dec	3.402	3.155	2.961	5.492	3.969	2.878
19-Dec	3.353	3.110	2.918	5.418	3.913	2.832
20-Dec	3.309	3.068	2.879	5.342	3.858	2.788
21-Dec	3.261	3.025	2.837	5.265	3.804	2.744
22-Dec	3.218	2.984	2.799	5.189	3.750	2.700
23-Dec	3.172	2.942	2.759	5.114	3.697	2.658
24-Dec	3.129	2.903	2.723	5.042	3.645	2.618
25-Dec	3.085	2.861	2.684	4.971	3.594	2.580
26-Dec	3.044	2.824	2.648	4.901	3.544	2.542
27-Dec	3.003	2.786	2.613	4.833	3.495	2.506
28-Dec	2.963	2.749	2.579	4.765	3.446	2.472
29-Dec	2.922	2.712	2.544	4.698	3.398	2.437
30-Dec	2.879	2.672	2.506	4.633	3.351	2.403
31-Dec	2.840	2.635	2.472	4.569	3.305	2.370
01-Jan	2.800	2.598	2.437	4.507	3.259	2.337
02-Jan	2.761	2.562	2.403	4.445	3.214	2.304
03-Jan	2.722	2.526	2.369	4.385	3.169	2.272
04-Jan	2.684	2.490	2.335	4.325	3.125	2.239
05-Jan	2.645	2.454	2.300	4.265	3.082	2.207
06-Jan	2.610	2.420	2.268	4.206	3.040	2.174
07-Jan	2.571	2.384	2.234	4.147	2.998	2.140
08-Jan	2.536	2.350	2.202	4.087	2.957	2.107
09-Jan	2.500	2.316	2.169	4.033	2.916	2.074
10-Jan	2.462	2.280	2.134	3.985	2.876	2.041
11-Jan	2.427	2.246	2.102	3.935	2.837	2.008
12-Jan	2.390	2.211	2.067	3.886	2.798	1.975
13-Jan	2.356	2.178	2.036	3.836	2.759	1.942
14-Jan	2.322	2.146	2.005	3.786	2.721	1.909
15-Jan	2.289	2.115	1.975	3.734	2.683	1.879
16-Jan	2.270	2.100	1.965	3.682	2.649	1.915
17-Jan	2.238	2.069	1.935	3.630	2.614	1.886
18-Jan	2.209	2.041	1.908	3.578	2.579	1.859
19-Jan	2.177	2.011	1.879	3.528	2.545	1.833
20-Jan	2.145	1.982	1.851	3.479	2.511	1.805
21-Jan	2.117	1.954	1.825	3.431	2.478	1.776
22-Jan	2.086	1.925	1.797	3.385	2.445	1.747
23-Jan	2.058	1.899	1.772	3.340	2.413	1.722
24-Jan	2.029	1.870	1.745	3.297	2.381	1.697
25-Jan	2.002	1.845	1.720	3.255	2.349	1.673
26-Jan	1.975	1.819	1.696	3.216	2.318	1.648
27-Jan	1.945	1.791	1.669	3.178	2.287	1.623
28-Jan	1.918	1.765	1.644	3.142	2.256	1.598
29-Jan	1.891	1.739	1.619	3.106	2.226	1.574
30-Jan	1.864	1.714	1.595	3.071	2.196	1.551
31-Jan	1.838	1.689	1.571	3.036	2.166	1.528

**Table D-13. Monitoring thresholds for Article 6A for water level at Chrouy Changvar (continued).**

<b>Article 6A - Monitoring thresholds for water level at Chrouy Changvar (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	1.809	1.661	1.545	3.000	2.137	1.504
02-Feb	1.784	1.636	1.521	2.964	2.108	1.480
03-Feb	1.756	1.610	1.495	2.928	2.078	1.456
04-Feb	1.730	1.585	1.472	2.893	2.050	1.433
05-Feb	1.705	1.561	1.449	2.859	2.021	1.408
06-Feb	1.677	1.535	1.424	2.827	1.993	1.384
07-Feb	1.653	1.512	1.401	2.798	1.965	1.361
08-Feb	1.629	1.488	1.379	2.773	1.938	1.338
09-Feb	1.603	1.465	1.356	2.742	1.910	1.315
10-Feb	1.580	1.443	1.335	2.708	1.883	1.293
11-Feb	1.557	1.421	1.315	2.671	1.856	1.273
12-Feb	1.537	1.403	1.298	2.633	1.830	1.255
13-Feb	1.515	1.383	1.279	2.598	1.804	1.239
14-Feb	1.491	1.361	1.259	2.563	1.778	1.221
15-Feb	1.469	1.341	1.240	2.530	1.752	1.202
16-Feb	1.447	1.320	1.221	2.497	1.728	1.181
17-Feb	1.428	1.302	1.204	2.465	1.704	1.162
18-Feb	1.408	1.284	1.187	2.434	1.681	1.141
19-Feb	1.389	1.266	1.170	2.404	1.658	1.120
20-Feb	1.369	1.248	1.153	2.374	1.636	1.102
21-Feb	1.350	1.230	1.135	2.344	1.614	1.089
22-Feb	1.332	1.213	1.120	2.316	1.594	1.078
23-Feb	1.314	1.196	1.104	2.290	1.574	1.061
24-Feb	1.296	1.179	1.087	2.264	1.554	1.043
25-Feb	1.278	1.161	1.070	2.236	1.534	1.023
26-Feb	1.260	1.144	1.053	2.208	1.515	1.005
27-Feb	1.244	1.129	1.039	2.179	1.495	0.990
28-Feb	1.227	1.113	1.023	2.151	1.477	0.977
29-Feb	1.227	1.113	1.023	2.151	1.477	0.977
01-Mar	1.210	1.096	1.007	2.124	1.458	0.965
02-Mar	1.193	1.080	0.992	2.098	1.439	0.953
03-Mar	1.176	1.064	0.977	2.074	1.421	0.940
04-Mar	1.161	1.050	0.963	2.050	1.403	0.923
05-Mar	1.146	1.036	0.950	2.029	1.386	0.906
06-Mar	1.133	1.024	0.938	2.010	1.370	0.893
07-Mar	1.120	1.012	0.927	1.991	1.354	0.881
08-Mar	1.106	0.999	0.914	1.973	1.339	0.873
09-Mar	1.094	0.987	0.904	1.954	1.324	0.865
10-Mar	1.082	0.977	0.894	1.930	1.308	0.856
11-Mar	1.069	0.965	0.883	1.904	1.293	0.847
12-Mar	1.057	0.954	0.874	1.880	1.278	0.839
13-Mar	1.046	0.944	0.864	1.855	1.264	0.832
14-Mar	1.034	0.933	0.854	1.838	1.251	0.824
15-Mar	1.021	0.921	0.842	1.823	1.238	0.812
16-Mar	1.010	0.910	0.832	1.811	1.226	0.795
17-Mar	1.000	0.901	0.823	1.798	1.214	0.782
18-Mar	0.989	0.890	0.812	1.787	1.202	0.773
19-Mar	0.978	0.880	0.802	1.777	1.190	0.764
20-Mar	0.966	0.868	0.790	1.769	1.178	0.754
21-Mar	0.955	0.858	0.780	1.761	1.167	0.745
22-Mar	0.946	0.849	0.772	1.753	1.156	0.737
23-Mar	0.937	0.841	0.764	1.746	1.145	0.728
24-Mar	0.928	0.832	0.755	1.740	1.135	0.715
25-Mar	0.919	0.823	0.746	1.733	1.125	0.701
26-Mar	0.908	0.813	0.737	1.722	1.114	0.691
27-Mar	0.899	0.805	0.729	1.714	1.105	0.683
28-Mar	0.891	0.797	0.721	1.708	1.095	0.677
29-Mar	0.882	0.788	0.713	1.705	1.085	0.671
30-Mar	0.873	0.779	0.704	1.703	1.076	0.664
31-Mar	0.866	0.772	0.698	1.701	1.068	0.655

**Table D-13. Monitoring thresholds for Article 6A for water level at Chrouy Changvar (continued).**

Article 6A - Monitoring thresholds for water level at Chrouy Changvar (m msl)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Apr	0.859	0.766	0.692	1.700	1.059	0.646
02-Apr	0.854	0.761	0.687	1.701	1.053	0.639
03-Apr	0.848	0.755	0.682	1.705	1.046	0.632
04-Apr	0.842	0.750	0.676	1.710	1.041	0.630
05-Apr	0.836	0.744	0.671	1.715	1.035	0.629
06-Apr	0.830	0.738	0.665	1.717	1.030	0.625
07-Apr	0.824	0.733	0.660	1.718	1.025	0.620
08-Apr	0.820	0.729	0.656	1.719	1.019	0.612
09-Apr	0.815	0.725	0.652	1.718	1.014	0.606
10-Apr	0.811	0.721	0.648	1.721	1.010	0.602
11-Apr	0.808	0.718	0.645	1.723	1.006	0.599
12-Apr	0.805	0.715	0.643	1.723	1.003	0.594
13-Apr	0.803	0.712	0.640	1.724	1.000	0.584
14-Apr	0.799	0.709	0.637	1.722	0.997	0.573
15-Apr	0.798	0.708	0.635	1.718	0.994	0.565
16-Apr	0.795	0.705	0.634	1.714	0.991	0.565
17-Apr	0.794	0.704	0.633	1.711	0.989	0.566
18-Apr	0.793	0.704	0.634	1.708	0.988	0.565
19-Apr	0.794	0.705	0.635	1.705	0.987	0.570
20-Apr	0.795	0.706	0.636	1.703	0.987	0.573
21-Apr	0.795	0.706	0.636	1.704	0.987	0.574
22-Apr	0.794	0.705	0.635	1.706	0.988	0.575
23-Apr	0.793	0.703	0.634	1.711	0.989	0.576
24-Apr	0.792	0.702	0.632	1.716	0.991	0.579
25-Apr	0.792	0.702	0.632	1.719	0.992	0.582
26-Apr	0.794	0.704	0.634	1.722	0.992	0.585
27-Apr	0.795	0.705	0.636	1.722	0.993	0.587
28-Apr	0.797	0.707	0.638	1.720	0.995	0.588
29-Apr	0.798	0.708	0.638	1.723	0.997	0.589
30-Apr	0.799	0.708	0.638	1.737	1.001	0.590
01-May	0.800	0.708	0.637	1.754	1.005	0.592
02-May	0.801	0.708	0.635	1.775	1.012	0.594
03-May	0.803	0.707	0.633	1.798	1.019	0.593
04-May	0.805	0.706	0.631	1.817	1.027	0.591
05-May	0.808	0.708	0.631	1.835	1.036	0.591
06-May	0.812	0.710	0.631	1.860	1.046	0.592
07-May	0.815	0.711	0.630	1.893	1.057	0.593
08-May	0.820	0.712	0.629	1.935	1.069	0.595
09-May	0.824	0.713	0.628	1.988	1.083	0.599
10-May	0.830	0.715	0.628	2.051	1.097	0.599
11-May	0.835	0.717	0.627	2.123	1.113	0.595
12-May	0.842	0.721	0.627	2.203	1.130	0.589
13-May	0.848	0.724	0.628	2.283	1.147	0.583
14-May	0.857	0.728	0.630	2.359	1.166	0.580
15-May	0.867	0.735	0.634	2.435	1.186	0.585
16-May	0.878	0.742	0.638	2.508	1.207	0.594
17-May	0.891	0.751	0.644	2.583	1.230	0.603
18-May	0.905	0.761	0.651	2.657	1.256	0.613
19-May	0.920	0.771	0.656	2.737	1.284	0.622
20-May	0.934	0.780	0.662	2.823	1.312	0.622
21-May	0.949	0.790	0.668	2.914	1.343	0.622
22-May	0.964	0.799	0.674	3.006	1.375	0.625
23-May	0.980	0.810	0.680	3.099	1.409	0.630
24-May	1.000	0.824	0.689	3.198	1.446	0.634
25-May	1.021	0.838	0.699	3.301	1.486	0.639
26-May	1.045	0.855	0.710	3.409	1.528	0.650
27-May	1.067	0.871	0.721	3.531	1.573	0.661
28-May	1.092	0.888	0.733	3.659	1.618	0.677
29-May	1.119	0.908	0.748	3.766	1.665	0.697
30-May	1.148	0.931	0.766	3.851	1.713	0.717
31-May	1.180	0.956	0.787	3.924	1.762	0.736



**Figure D-8. Monitoring thresholds for Article 6A at Tan Chau.**

**Table D-14. Monitoring thresholds for Article 6A for water level at Tan Chau.**

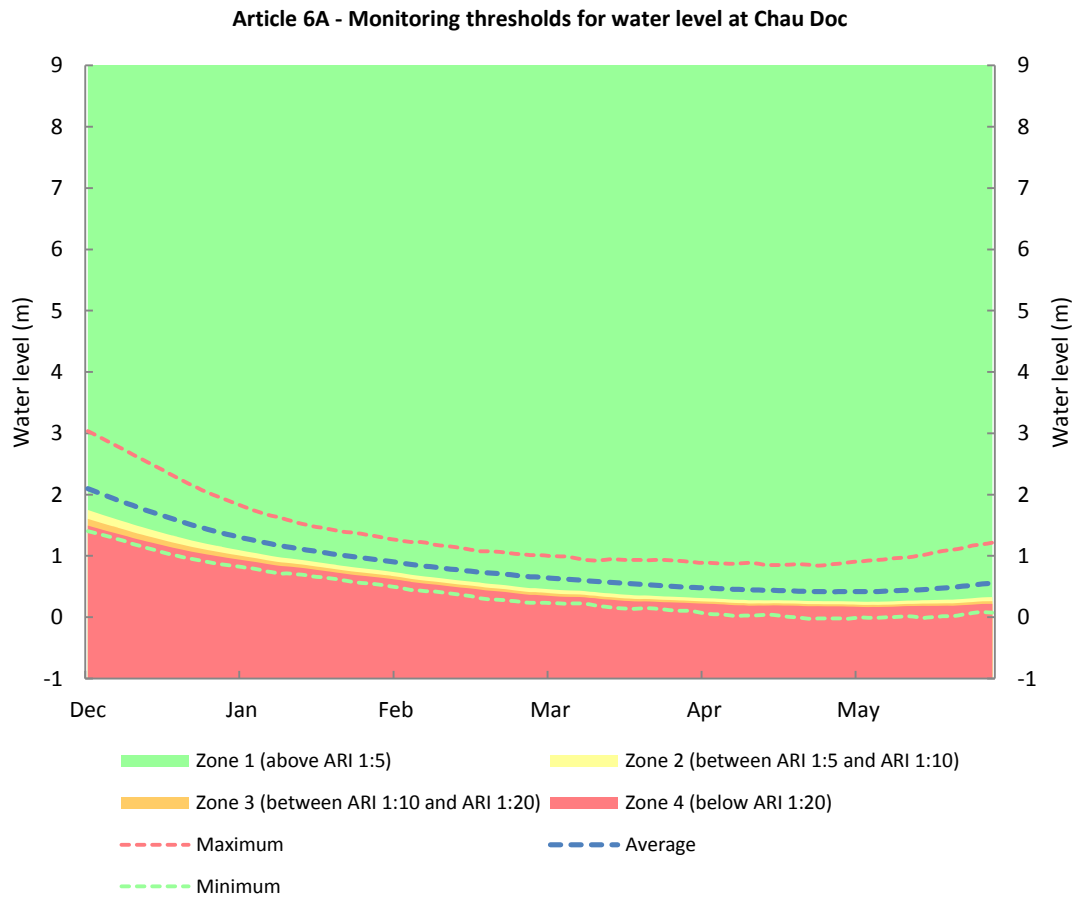
<b>Article 6A - Monitoring thresholds for water level at Tan Chau (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	1.949	1.783	1.657	3.183	2.353	1.418
02-Dec	1.922	1.759	1.634	3.140	2.319	1.399
03-Dec	1.896	1.735	1.612	3.096	2.286	1.381
04-Dec	1.868	1.710	1.589	3.052	2.254	1.364
05-Dec	1.843	1.687	1.568	3.008	2.221	1.348
06-Dec	1.816	1.662	1.545	2.965	2.189	1.330
07-Dec	1.791	1.639	1.524	2.924	2.158	1.315
08-Dec	1.765	1.616	1.502	2.883	2.128	1.301
09-Dec	1.741	1.594	1.482	2.841	2.098	1.283
10-Dec	1.713	1.568	1.457	2.798	2.067	1.255
11-Dec	1.688	1.545	1.435	2.754	2.037	1.232
12-Dec	1.665	1.524	1.416	2.710	2.007	1.213
13-Dec	1.640	1.501	1.395	2.668	1.978	1.188
14-Dec	1.616	1.479	1.375	2.624	1.949	1.174
15-Dec	1.591	1.456	1.354	2.581	1.920	1.157
16-Dec	1.567	1.435	1.334	2.540	1.891	1.144
17-Dec	1.545	1.414	1.315	2.500	1.863	1.131
18-Dec	1.522	1.393	1.296	2.466	1.836	1.118
19-Dec	1.499	1.372	1.276	2.433	1.809	1.105
20-Dec	1.477	1.352	1.258	2.396	1.782	1.093
21-Dec	1.455	1.333	1.240	2.361	1.755	1.081
22-Dec	1.434	1.313	1.222	2.325	1.729	1.069
23-Dec	1.413	1.295	1.205	2.290	1.704	1.062
24-Dec	1.394	1.277	1.189	2.256	1.680	1.050
25-Dec	1.374	1.258	1.171	2.222	1.655	1.031
26-Dec	1.354	1.240	1.154	2.190	1.632	1.007
27-Dec	1.334	1.221	1.136	2.160	1.609	0.985
28-Dec	1.313	1.201	1.117	2.130	1.586	0.965
29-Dec	1.293	1.182	1.098	2.102	1.563	0.948
30-Dec	1.274	1.164	1.082	2.076	1.541	0.935
31-Dec	1.255	1.147	1.066	2.054	1.520	0.919
01-Jan	1.238	1.131	1.051	2.032	1.499	0.898
02-Jan	1.219	1.114	1.034	2.011	1.478	0.879
03-Jan	1.202	1.098	1.019	1.991	1.458	0.864
04-Jan	1.186	1.083	1.005	1.970	1.439	0.853
05-Jan	1.168	1.066	0.989	1.948	1.420	0.837
06-Jan	1.153	1.051	0.975	1.926	1.401	0.823
07-Jan	1.137	1.037	0.962	1.905	1.383	0.807
08-Jan	1.122	1.023	0.949	1.883	1.365	0.791
09-Jan	1.106	1.008	0.935	1.863	1.346	0.777
10-Jan	1.093	0.997	0.925	1.843	1.329	0.771
11-Jan	1.079	0.984	0.913	1.830	1.313	0.760
12-Jan	1.064	0.969	0.899	1.818	1.296	0.746
13-Jan	1.051	0.957	0.888	1.807	1.280	0.738
14-Jan	1.037	0.945	0.875	1.801	1.265	0.722
15-Jan	1.024	0.932	0.863	1.796	1.251	0.709
16-Jan	1.009	0.918	0.849	1.790	1.236	0.692
17-Jan	0.995	0.904	0.835	1.784	1.222	0.674
18-Jan	0.981	0.891	0.822	1.773	1.207	0.659
19-Jan	0.968	0.878	0.811	1.759	1.193	0.652
20-Jan	0.957	0.867	0.800	1.745	1.180	0.644
21-Jan	0.946	0.857	0.791	1.727	1.167	0.637
22-Jan	0.936	0.848	0.782	1.712	1.155	0.630
23-Jan	0.924	0.836	0.770	1.696	1.143	0.614
24-Jan	0.910	0.822	0.757	1.683	1.130	0.593
25-Jan	0.897	0.809	0.743	1.670	1.118	0.574
26-Jan	0.884	0.796	0.730	1.655	1.106	0.558
27-Jan	0.871	0.784	0.719	1.640	1.093	0.545
28-Jan	0.861	0.775	0.710	1.624	1.080	0.541
29-Jan	0.851	0.766	0.702	1.605	1.068	0.534
30-Jan	0.839	0.755	0.691	1.583	1.055	0.522
31-Jan	0.827	0.744	0.680	1.562	1.043	0.508

**Table D-14. Monitoring thresholds for Article 6A for water level at Tan Chau (continued).**

<b>Article 6A - Monitoring thresholds for water level at Tan Chau (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	0.815	0.732	0.670	1.543	1.031	0.501
02-Feb	0.805	0.722	0.660	1.525	1.019	0.500
03-Feb	0.794	0.711	0.650	1.507	1.007	0.495
04-Feb	0.783	0.701	0.640	1.492	0.996	0.485
05-Feb	0.773	0.691	0.630	1.481	0.985	0.479
06-Feb	0.760	0.679	0.618	1.469	0.975	0.467
07-Feb	0.748	0.667	0.606	1.458	0.964	0.457
08-Feb	0.736	0.655	0.595	1.453	0.953	0.446
09-Feb	0.726	0.645	0.585	1.447	0.942	0.438
10-Feb	0.716	0.635	0.575	1.437	0.932	0.431
11-Feb	0.706	0.626	0.566	1.426	0.922	0.422
12-Feb	0.696	0.617	0.556	1.409	0.912	0.412
13-Feb	0.686	0.607	0.547	1.392	0.902	0.403
14-Feb	0.677	0.598	0.538	1.372	0.892	0.393
15-Feb	0.667	0.588	0.528	1.351	0.882	0.378
16-Feb	0.657	0.578	0.519	1.332	0.873	0.369
17-Feb	0.645	0.566	0.508	1.313	0.864	0.359
18-Feb	0.635	0.555	0.497	1.293	0.854	0.349
19-Feb	0.625	0.546	0.488	1.275	0.845	0.336
20-Feb	0.615	0.536	0.478	1.264	0.837	0.325
21-Feb	0.606	0.527	0.469	1.255	0.829	0.313
22-Feb	0.596	0.517	0.460	1.246	0.821	0.302
23-Feb	0.588	0.509	0.452	1.238	0.813	0.298
24-Feb	0.580	0.502	0.446	1.228	0.805	0.298
25-Feb	0.574	0.497	0.442	1.218	0.796	0.300
26-Feb	0.568	0.492	0.437	1.208	0.787	0.302
27-Feb	0.562	0.486	0.432	1.200	0.779	0.301
28-Feb	0.554	0.479	0.425	1.196	0.771	0.294
29-Feb	0.554	0.479	0.425	1.196	0.771	0.294
01-Mar	0.545	0.470	0.416	1.193	0.763	0.281
02-Mar	0.538	0.463	0.409	1.193	0.756	0.272
03-Mar	0.531	0.455	0.402	1.191	0.750	0.264
04-Mar	0.524	0.448	0.395	1.185	0.743	0.256
05-Mar	0.517	0.442	0.389	1.179	0.737	0.246
06-Mar	0.512	0.436	0.384	1.170	0.731	0.237
07-Mar	0.506	0.432	0.379	1.158	0.723	0.231
08-Mar	0.501	0.427	0.375	1.148	0.715	0.228
09-Mar	0.497	0.425	0.374	1.139	0.707	0.232
10-Mar	0.495	0.424	0.374	1.127	0.700	0.233
11-Mar	0.491	0.421	0.372	1.106	0.694	0.232
12-Mar	0.487	0.418	0.370	1.087	0.688	0.228
13-Mar	0.483	0.415	0.366	1.080	0.683	0.223
14-Mar	0.478	0.410	0.362	1.072	0.677	0.221
15-Mar	0.474	0.405	0.358	1.068	0.672	0.216
16-Mar	0.469	0.402	0.355	1.063	0.667	0.215
17-Mar	0.465	0.398	0.351	1.062	0.662	0.214
18-Mar	0.461	0.394	0.348	1.062	0.656	0.215
19-Mar	0.457	0.391	0.345	1.062	0.650	0.215
20-Mar	0.457	0.393	0.347	1.058	0.645	0.221
21-Mar	0.457	0.394	0.349	1.053	0.640	0.227
22-Mar	0.456	0.394	0.350	1.049	0.635	0.236
23-Mar	0.454	0.393	0.350	1.047	0.630	0.242
24-Mar	0.451	0.391	0.348	1.046	0.624	0.245
25-Mar	0.448	0.388	0.345	1.045	0.617	0.246
26-Mar	0.444	0.385	0.343	1.040	0.612	0.243
27-Mar	0.440	0.382	0.340	1.036	0.606	0.243
28-Mar	0.437	0.380	0.338	1.032	0.601	0.242
29-Mar	0.433	0.376	0.335	1.028	0.595	0.240
30-Mar	0.430	0.373	0.333	1.021	0.591	0.240
31-Mar	0.427	0.370	0.330	1.012	0.588	0.239

**Table D-14. Monitoring thresholds for Article 6A for water level at Tan Chau (continued).**

<b>Article 6A - Monitoring thresholds for water level at Tan Chau (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Apr	0.425	0.369	0.328	1.006	0.585	0.241
02-Apr	0.423	0.367	0.327	0.999	0.583	0.243
03-Apr	0.422	0.366	0.326	0.990	0.581	0.246
04-Apr	0.420	0.365	0.325	0.982	0.578	0.250
05-Apr	0.417	0.363	0.323	0.976	0.574	0.250
06-Apr	0.415	0.361	0.321	0.973	0.570	0.250
07-Apr	0.413	0.359	0.320	0.967	0.567	0.251
08-Apr	0.411	0.357	0.319	0.959	0.564	0.251
09-Apr	0.408	0.354	0.316	0.953	0.561	0.248
10-Apr	0.404	0.349	0.311	0.949	0.558	0.245
11-Apr	0.398	0.344	0.305	0.951	0.555	0.238
12-Apr	0.394	0.340	0.301	0.954	0.552	0.234
13-Apr	0.391	0.336	0.298	0.947	0.549	0.229
14-Apr	0.389	0.335	0.296	0.938	0.547	0.224
15-Apr	0.388	0.334	0.296	0.931	0.545	0.224
16-Apr	0.386	0.333	0.295	0.924	0.542	0.221
17-Apr	0.385	0.332	0.294	0.914	0.539	0.220
18-Apr	0.385	0.332	0.294	0.903	0.538	0.221
19-Apr	0.384	0.331	0.294	0.893	0.536	0.222
20-Apr	0.382	0.329	0.292	0.889	0.535	0.221
21-Apr	0.379	0.326	0.288	0.892	0.533	0.218
22-Apr	0.374	0.321	0.284	0.894	0.531	0.211
23-Apr	0.370	0.316	0.279	0.890	0.528	0.204
24-Apr	0.367	0.313	0.276	0.885	0.527	0.199
25-Apr	0.365	0.311	0.274	0.880	0.525	0.196
26-Apr	0.364	0.310	0.273	0.875	0.524	0.195
27-Apr	0.364	0.310	0.273	0.871	0.523	0.193
28-Apr	0.364	0.310	0.273	0.868	0.523	0.193
29-Apr	0.364	0.310	0.273	0.871	0.523	0.194
30-Apr	0.363	0.309	0.272	0.881	0.525	0.192
01-May	0.363	0.308	0.271	0.895	0.526	0.190
02-May	0.361	0.306	0.269	0.904	0.528	0.186
03-May	0.362	0.306	0.269	0.913	0.529	0.181
04-May	0.357	0.301	0.264	0.921	0.530	0.173
05-May	0.356	0.300	0.262	0.929	0.531	0.167
06-May	0.357	0.300	0.263	0.937	0.532	0.168
07-May	0.357	0.300	0.262	0.943	0.534	0.170
08-May	0.357	0.300	0.262	0.956	0.536	0.172
09-May	0.357	0.299	0.260	0.973	0.539	0.170
10-May	0.357	0.299	0.259	0.991	0.544	0.166
11-May	0.360	0.301	0.261	1.011	0.548	0.169
12-May	0.365	0.306	0.265	1.029	0.553	0.176
13-May	0.370	0.310	0.269	1.046	0.558	0.185
14-May	0.374	0.314	0.273	1.065	0.564	0.192
15-May	0.378	0.317	0.276	1.083	0.570	0.196
16-May	0.381	0.319	0.277	1.101	0.576	0.195
17-May	0.383	0.320	0.276	1.121	0.583	0.191
18-May	0.385	0.320	0.276	1.143	0.591	0.186
19-May	0.387	0.321	0.276	1.166	0.599	0.181
20-May	0.389	0.322	0.275	1.190	0.608	0.176
21-May	0.392	0.324	0.277	1.213	0.616	0.175
22-May	0.395	0.326	0.279	1.233	0.625	0.175
23-May	0.402	0.332	0.283	1.252	0.635	0.180
24-May	0.409	0.338	0.289	1.274	0.645	0.187
25-May	0.418	0.346	0.296	1.302	0.655	0.195
26-May	0.427	0.355	0.304	1.331	0.667	0.204
27-May	0.436	0.363	0.311	1.363	0.680	0.214
28-May	0.445	0.370	0.317	1.393	0.693	0.221
29-May	0.454	0.377	0.323	1.424	0.707	0.226
30-May	0.461	0.383	0.328	1.448	0.721	0.227
31-May	0.469	0.389	0.333	1.469	0.734	0.227



**Figure D-9. Monitoring thresholds for Article 6A at Chau Doc.**

**Table D-15. Monitoring thresholds for Article 6A for water level at Chau Doc.**

<b>Article 6A - Monitoring thresholds for water level at Chau Doc (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Dec	1.750	1.605	1.495	3.035	2.097	1.403
02-Dec	1.723	1.580	1.472	2.995	2.066	1.382
03-Dec	1.696	1.556	1.450	2.954	2.034	1.361
04-Dec	1.669	1.531	1.426	2.913	2.003	1.340
05-Dec	1.643	1.507	1.404	2.871	1.972	1.319
06-Dec	1.618	1.484	1.383	2.828	1.942	1.298
07-Dec	1.592	1.461	1.361	2.785	1.912	1.276
08-Dec	1.567	1.438	1.340	2.743	1.883	1.253
09-Dec	1.543	1.415	1.319	2.700	1.854	1.229
10-Dec	1.516	1.389	1.294	2.656	1.824	1.198
11-Dec	1.491	1.366	1.273	2.613	1.795	1.173
12-Dec	1.469	1.346	1.254	2.571	1.766	1.154
13-Dec	1.445	1.324	1.233	2.528	1.739	1.126
14-Dec	1.422	1.304	1.215	2.487	1.711	1.105
15-Dec	1.399	1.283	1.195	2.445	1.684	1.084
16-Dec	1.377	1.262	1.176	2.403	1.657	1.062
17-Dec	1.354	1.241	1.156	2.360	1.631	1.040
18-Dec	1.333	1.221	1.137	2.317	1.605	1.019
19-Dec	1.312	1.202	1.120	2.275	1.580	1.001
20-Dec	1.292	1.184	1.103	2.233	1.555	0.983
21-Dec	1.271	1.165	1.085	2.191	1.529	0.966
22-Dec	1.250	1.146	1.068	2.150	1.505	0.950
23-Dec	1.232	1.130	1.053	2.111	1.481	0.935
24-Dec	1.214	1.114	1.039	2.074	1.459	0.921
25-Dec	1.196	1.098	1.024	2.038	1.437	0.902
26-Dec	1.180	1.084	1.011	2.005	1.416	0.888
27-Dec	1.164	1.069	0.997	1.973	1.395	0.874
28-Dec	1.148	1.055	0.984	1.941	1.375	0.861
29-Dec	1.131	1.040	0.970	1.910	1.354	0.851
30-Dec	1.116	1.026	0.958	1.879	1.335	0.843
31-Dec	1.102	1.014	0.946	1.848	1.316	0.833
01-Jan	1.086	1.000	0.934	1.817	1.297	0.819
02-Jan	1.071	0.986	0.922	1.787	1.279	0.806
03-Jan	1.057	0.974	0.910	1.756	1.261	0.798
04-Jan	1.044	0.961	0.898	1.726	1.243	0.785
05-Jan	1.028	0.946	0.884	1.699	1.226	0.766
06-Jan	1.013	0.931	0.870	1.673	1.209	0.748
07-Jan	0.998	0.918	0.857	1.655	1.193	0.736
08-Jan	0.985	0.905	0.845	1.639	1.177	0.722
09-Jan	0.973	0.895	0.835	1.618	1.163	0.713
10-Jan	0.965	0.888	0.830	1.594	1.149	0.715
11-Jan	0.956	0.880	0.823	1.570	1.136	0.709
12-Jan	0.945	0.870	0.814	1.547	1.123	0.698
13-Jan	0.935	0.862	0.806	1.525	1.110	0.694
14-Jan	0.924	0.851	0.796	1.507	1.097	0.683
15-Jan	0.912	0.839	0.785	1.490	1.085	0.671
16-Jan	0.900	0.827	0.773	1.474	1.073	0.661
17-Jan	0.889	0.817	0.763	1.459	1.060	0.653
18-Jan	0.877	0.805	0.752	1.444	1.047	0.644
19-Jan	0.865	0.794	0.741	1.429	1.034	0.633
20-Jan	0.853	0.782	0.729	1.413	1.022	0.620
21-Jan	0.841	0.771	0.718	1.399	1.011	0.608
22-Jan	0.831	0.760	0.707	1.389	1.000	0.595
23-Jan	0.820	0.749	0.696	1.382	0.990	0.581
24-Jan	0.810	0.740	0.687	1.375	0.980	0.569
25-Jan	0.801	0.732	0.679	1.363	0.970	0.562
26-Jan	0.792	0.723	0.671	1.349	0.960	0.554
27-Jan	0.783	0.714	0.662	1.334	0.950	0.547
28-Jan	0.774	0.705	0.654	1.319	0.939	0.540
29-Jan	0.764	0.696	0.645	1.304	0.929	0.530
30-Jan	0.754	0.686	0.635	1.290	0.918	0.516
31-Jan	0.743	0.676	0.625	1.276	0.907	0.502

**Table D-15. Monitoring thresholds for Article 6A for water level at Chau Doc (continued).**

<b>Article 6A - Monitoring thresholds for water level at Chau Doc (m msl)</b>						
<b>Date</b>	<b>ARI 1:5</b>	<b>ARI 1:10</b>	<b>ARI 1:20</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Feb	0.732	0.665	0.614	1.261	0.896	0.490
02-Feb	0.721	0.654	0.604	1.246	0.884	0.481
03-Feb	0.707	0.640	0.590	1.235	0.873	0.462
04-Feb	0.694	0.626	0.576	1.228	0.862	0.446
05-Feb	0.683	0.615	0.566	1.226	0.852	0.438
06-Feb	0.673	0.605	0.556	1.225	0.842	0.432
07-Feb	0.663	0.596	0.547	1.214	0.832	0.425
08-Feb	0.655	0.588	0.539	1.195	0.823	0.422
09-Feb	0.646	0.580	0.532	1.182	0.813	0.417
10-Feb	0.637	0.571	0.523	1.172	0.804	0.410
11-Feb	0.627	0.561	0.513	1.163	0.795	0.399
12-Feb	0.617	0.551	0.503	1.152	0.786	0.386
13-Feb	0.607	0.541	0.494	1.143	0.777	0.376
14-Feb	0.598	0.532	0.485	1.130	0.767	0.365
15-Feb	0.590	0.525	0.478	1.116	0.759	0.358
16-Feb	0.582	0.517	0.470	1.103	0.750	0.348
17-Feb	0.573	0.508	0.461	1.089	0.742	0.328
18-Feb	0.564	0.498	0.451	1.077	0.734	0.311
19-Feb	0.552	0.486	0.439	1.075	0.727	0.298
20-Feb	0.544	0.478	0.432	1.075	0.721	0.290
21-Feb	0.538	0.472	0.426	1.072	0.715	0.286
22-Feb	0.531	0.465	0.419	1.064	0.709	0.281
23-Feb	0.523	0.458	0.412	1.055	0.702	0.276
24-Feb	0.513	0.448	0.402	1.044	0.693	0.270
25-Feb	0.502	0.437	0.392	1.035	0.684	0.263
26-Feb	0.492	0.428	0.382	1.029	0.675	0.254
27-Feb	0.483	0.418	0.373	1.022	0.667	0.243
28-Feb	0.475	0.410	0.365	1.015	0.660	0.237
29-Feb	0.475	0.410	0.365	1.015	0.660	0.237
01-Mar	0.468	0.404	0.359	1.012	0.653	0.235
02-Mar	0.462	0.398	0.354	1.008	0.646	0.235
03-Mar	0.456	0.392	0.348	0.999	0.640	0.233
04-Mar	0.450	0.386	0.342	0.995	0.634	0.230
05-Mar	0.444	0.380	0.336	0.994	0.629	0.224
06-Mar	0.440	0.377	0.333	0.992	0.624	0.223
07-Mar	0.437	0.375	0.332	0.982	0.618	0.224
08-Mar	0.435	0.374	0.331	0.966	0.612	0.228
09-Mar	0.433	0.372	0.330	0.949	0.606	0.228
10-Mar	0.426	0.366	0.325	0.935	0.600	0.220
11-Mar	0.416	0.356	0.315	0.928	0.593	0.208
12-Mar	0.412	0.352	0.311	0.924	0.587	0.195
13-Mar	0.402	0.342	0.300	0.928	0.582	0.180
14-Mar	0.394	0.333	0.292	0.936	0.577	0.172
15-Mar	0.390	0.329	0.288	0.944	0.572	0.164
16-Mar	0.383	0.322	0.281	0.945	0.567	0.155
17-Mar	0.375	0.314	0.274	0.940	0.562	0.149
18-Mar	0.369	0.308	0.267	0.937	0.555	0.144
19-Mar	0.365	0.305	0.264	0.933	0.549	0.137
20-Mar	0.358	0.299	0.259	0.933	0.545	0.139
21-Mar	0.355	0.296	0.257	0.935	0.540	0.142
22-Mar	0.356	0.298	0.259	0.930	0.535	0.145
23-Mar	0.353	0.296	0.257	0.931	0.529	0.145
24-Mar	0.348	0.292	0.253	0.933	0.524	0.143
25-Mar	0.344	0.287	0.249	0.936	0.517	0.134
26-Mar	0.339	0.284	0.245	0.934	0.512	0.125
27-Mar	0.337	0.282	0.244	0.928	0.507	0.117
28-Mar	0.334	0.279	0.241	0.923	0.502	0.112
29-Mar	0.330	0.275	0.238	0.919	0.497	0.108
30-Mar	0.327	0.273	0.236	0.914	0.493	0.107
31-Mar	0.323	0.269	0.232	0.906	0.489	0.104

**Table D-15. Monitoring thresholds for Article 6A for water level at Chau Doc (continued).**

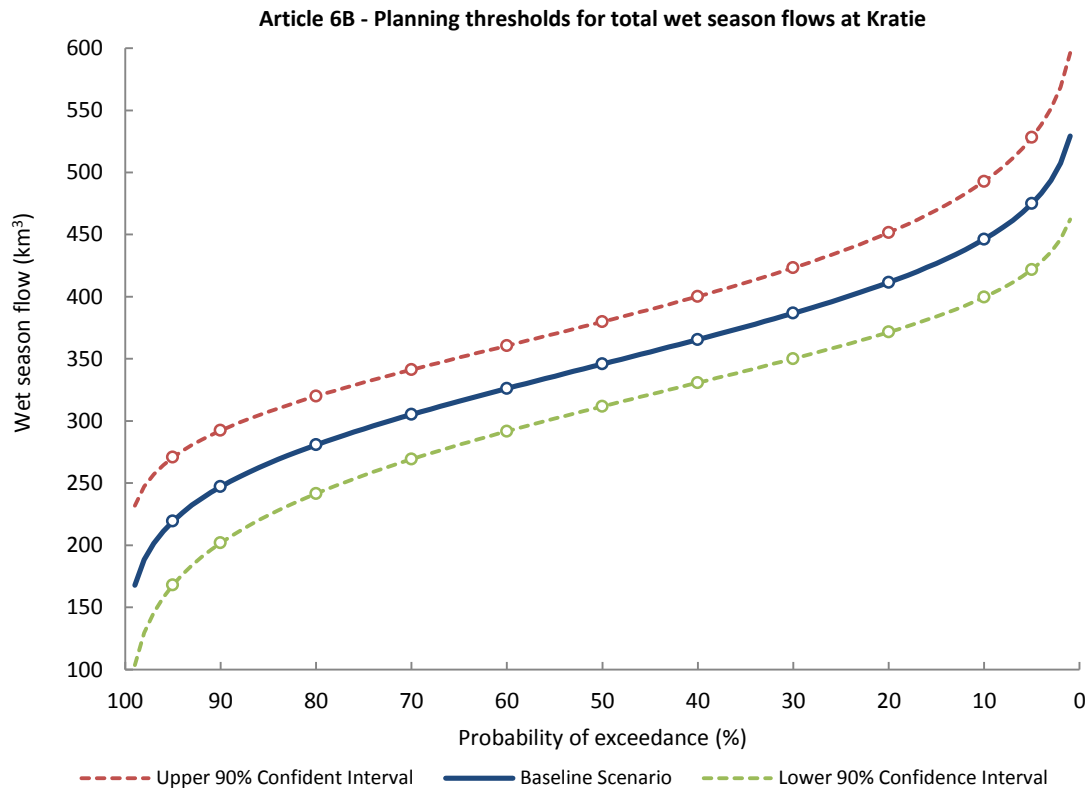
Article 6A - Monitoring thresholds for water level at Chau Doc (m msl)						
Date	ARI 1:5	ARI 1:10	ARI 1:20	Maximum	Average	Minimum
01-Apr	0.318	0.265	0.228	0.896	0.485	0.097
02-Apr	0.315	0.261	0.224	0.888	0.482	0.078
03-Apr	0.312	0.258	0.222	0.890	0.479	0.065
04-Apr	0.309	0.255	0.219	0.890	0.475	0.055
05-Apr	0.307	0.253	0.217	0.884	0.472	0.048
06-Apr	0.302	0.248	0.212	0.877	0.468	0.046
07-Apr	0.298	0.245	0.209	0.875	0.465	0.042
08-Apr	0.292	0.238	0.202	0.873	0.461	0.034
09-Apr	0.287	0.234	0.197	0.873	0.457	0.024
10-Apr	0.284	0.231	0.195	0.875	0.455	0.024
11-Apr	0.284	0.231	0.195	0.883	0.452	0.025
12-Apr	0.277	0.224	0.188	0.887	0.450	0.025
13-Apr	0.277	0.225	0.189	0.882	0.447	0.027
14-Apr	0.278	0.227	0.191	0.871	0.445	0.032
15-Apr	0.276	0.225	0.190	0.856	0.442	0.039
16-Apr	0.276	0.226	0.191	0.853	0.440	0.042
17-Apr	0.278	0.229	0.194	0.852	0.437	0.037
18-Apr	0.278	0.228	0.193	0.853	0.434	0.025
19-Apr	0.275	0.225	0.190	0.855	0.433	0.017
20-Apr	0.274	0.225	0.190	0.858	0.430	0.009
21-Apr	0.274	0.224	0.189	0.862	0.428	0.002
22-Apr	0.271	0.222	0.187	0.866	0.426	-0.002
23-Apr	0.267	0.217	0.182	0.863	0.423	-0.014
24-Apr	0.265	0.214	0.180	0.855	0.421	-0.024
25-Apr	0.264	0.214	0.180	0.844	0.419	-0.024
26-Apr	0.264	0.214	0.181	0.839	0.418	-0.021
27-Apr	0.262	0.212	0.179	0.847	0.417	-0.019
28-Apr	0.262	0.212	0.178	0.858	0.416	-0.020
29-Apr	0.262	0.212	0.178	0.865	0.416	-0.020
30-Apr	0.262	0.212	0.178	0.874	0.417	-0.019
01-May	0.261	0.211	0.177	0.882	0.417	-0.020
02-May	0.259	0.208	0.174	0.895	0.417	-0.023
03-May	0.258	0.208	0.173	0.904	0.418	-0.016
04-May	0.255	0.204	0.170	0.910	0.419	-0.011
05-May	0.253	0.201	0.167	0.915	0.419	-0.006
06-May	0.252	0.201	0.166	0.922	0.420	-0.007
07-May	0.255	0.203	0.168	0.929	0.421	-0.010
08-May	0.253	0.201	0.167	0.935	0.421	-0.011
09-May	0.256	0.204	0.169	0.942	0.424	-0.006
10-May	0.257	0.205	0.170	0.950	0.428	0.000
11-May	0.260	0.207	0.172	0.960	0.432	0.002
12-May	0.264	0.211	0.176	0.966	0.435	0.005
13-May	0.268	0.215	0.180	0.971	0.438	0.011
14-May	0.272	0.218	0.183	0.978	0.441	0.015
15-May	0.272	0.218	0.183	0.988	0.444	0.013
16-May	0.274	0.220	0.184	1.003	0.447	0.003
17-May	0.278	0.223	0.186	1.013	0.451	-0.012
18-May	0.279	0.223	0.185	1.030	0.457	-0.005
19-May	0.281	0.224	0.186	1.047	0.465	0.002
20-May	0.283	0.225	0.186	1.065	0.471	0.009
21-May	0.285	0.227	0.188	1.080	0.477	0.016
22-May	0.287	0.228	0.189	1.091	0.483	0.018
23-May	0.287	0.227	0.187	1.101	0.489	0.019
24-May	0.293	0.232	0.192	1.111	0.497	0.030
25-May	0.298	0.237	0.197	1.126	0.505	0.043
26-May	0.304	0.243	0.201	1.147	0.514	0.056
27-May	0.310	0.248	0.206	1.167	0.523	0.069
28-May	0.318	0.255	0.212	1.179	0.532	0.078
29-May	0.324	0.260	0.217	1.189	0.542	0.083
30-May	0.327	0.261	0.218	1.203	0.551	0.080
31-May	0.329	0.262	0.218	1.215	0.559	0.077

## **ANNEX E**

### **FLOW FRAMEWORK FOR ARTICLE 6B FOR PLANNING PURPOSES**

Figure E-1	Planning thresholds for Article 6B for total wet season flows at Kratie	99
Table E-1	Planning thresholds for Article 6B for total wet season flows at Kratie	100





**Figure E-1. Planning thresholds for Article 6B for total wet season flows at Kratie.**

**Table E-1. Planning thresholds for Article 6B for total wet season flows at Kratie.**

<b>Article 6B - Planning thresholds for total wet season flows at Kratie (km<sup>3</sup>)</b>			
<b>Probability of exceedance (%)</b>	<b>Baseline Scenario</b>	<b>Upper 90% Confident Interval</b>	<b>Lower 90% Confidence Interval</b>
99	167.735	231.921	103.549
98	188.327	247.200	129.454
97	201.434	257.043	145.826
96	211.304	264.527	158.082
95	219.351	270.681	168.021
94	226.208	275.967	176.448
93	232.227	280.642	183.811
92	237.620	284.861	190.378
91	242.533	288.731	196.334
90	247.055	292.318	201.792
89	251.259	295.674	206.844
88	255.203	298.842	211.563
87	258.922	301.850	215.994
86	262.455	304.724	220.185
85	265.816	307.476	224.156
84	269.034	310.127	227.941
83	272.126	312.690	231.562
82	275.105	315.174	235.035
81	277.984	317.589	238.378
80	280.771	319.942	241.600
79	283.475	322.238	244.712
78	286.107	324.487	247.728
77	288.675	326.694	250.657
76	291.178	328.858	253.499
75	293.628	330.988	256.269
74	296.028	333.087	258.969
73	298.380	335.157	261.604
72	300.692	337.204	264.181
71	302.963	339.226	266.701
70	305.200	341.229	269.170
69	307.403	343.215	271.592
68	309.577	345.184	273.969
67	311.724	347.142	276.307
66	313.844	349.085	278.602
65	315.942	351.020	280.863
64	318.019	352.948	283.091
63	320.076	354.867	285.286
62	322.117	356.782	287.452
61	324.143	358.694	289.591
60	326.153	360.602	291.703
59	328.151	362.510	293.791
58	330.139	364.419	295.858
57	332.116	366.329	297.903
56	334.085	368.242	299.929
55	336.048	370.159	301.937
54	338.005	372.081	303.929
53	339.958	374.010	305.906
52	341.907	375.946	307.869
51	343.855	377.891	309.819
50	345.802	379.847	311.758

**Table E-1. Planning thresholds for Article 6B for total wet season flows at Kratie (continued).**

<b>Article 6B - Planning thresholds for total wet season flows at Kratie (km<sup>3</sup>)</b>			
<b>Probability of exceedance (%)</b>	<b>Baseline Scenario</b>	<b>Upper 90% Confident Interval</b>	<b>Lower 90% Confidence Interval</b>
49	347.750	381.813	313.687
48	349.700	383.793	315.607
47	351.652	385.785	317.519
46	353.609	387.793	319.425
45	355.572	389.818	321.326
44	357.542	391.861	323.222
43	359.519	393.922	325.116
42	361.506	396.004	327.008
41	363.505	398.109	328.900
40	365.515	400.238	330.792
39	367.539	402.391	332.687
38	369.579	404.573	334.586
37	371.637	406.784	336.489
36	373.712	409.025	338.398
35	375.809	411.301	340.317
34	377.929	413.612	342.245
33	380.071	415.960	344.182
32	382.244	418.352	346.135
31	384.443	420.785	348.102
30	386.676	423.265	350.086
29	388.943	425.797	352.090
28	391.247	428.380	354.114
27	393.594	431.024	356.164
26	395.984	433.728	358.240
25	398.424	436.501	360.347
24	400.918	439.347	362.488
23	403.467	442.270	364.664
22	406.085	445.284	366.886
21	408.770	448.389	369.152
20	411.532	451.595	371.469
19	414.381	454.916	373.845
18	417.326	458.364	376.287
17	420.376	461.950	378.802
16	423.545	465.691	381.399
15	426.847	469.604	384.090
14	430.300	473.713	386.887
13	433.933	478.054	389.812
12	437.763	482.648	392.877
11	441.829	487.546	396.112
10	446.168	492.794	399.543
9	450.844	498.471	403.216
8	455.931	504.674	407.187
7	461.525	511.524	411.526
6	467.780	519.215	416.344
5	474.920	528.035	421.805
4	483.321	538.461	428.182
3	493.657	551.350	435.964
2	507.436	568.628	446.243
1	529.205	596.110	462.301
0	641.581	740.074	543.088

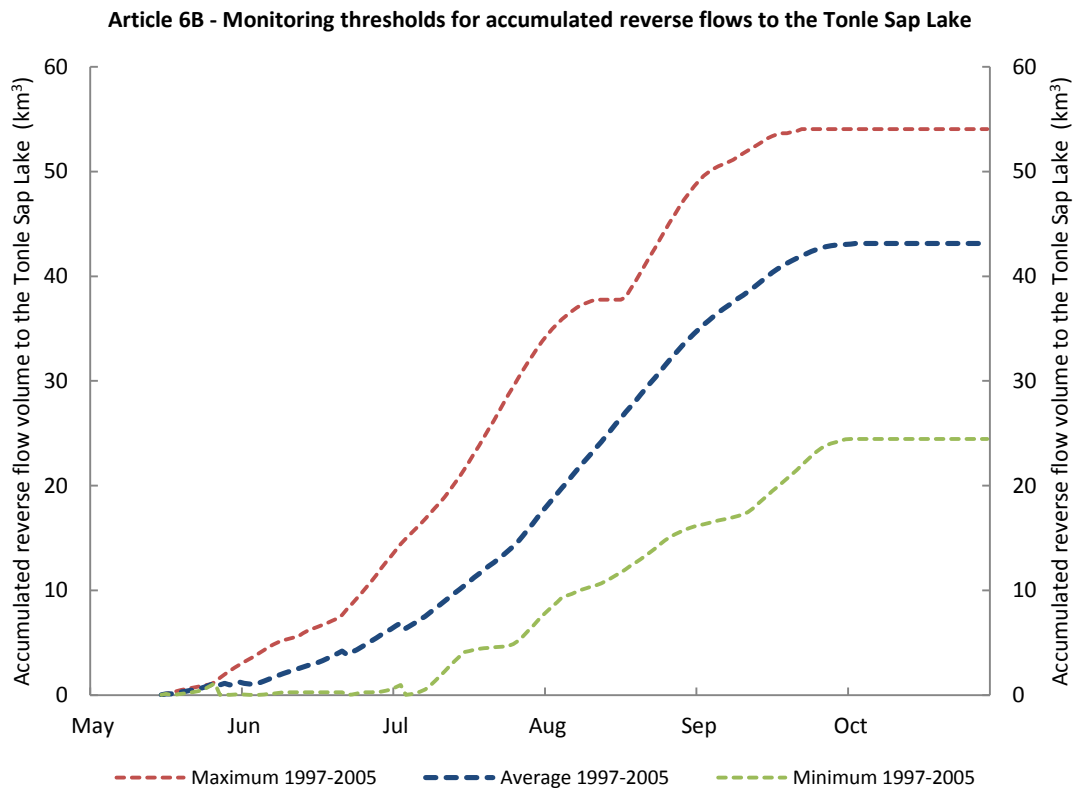


## **ANNEX F**

### **FLOW FRAMEWORK FOR ARTICLE 6B FOR MONITORING PURPOSES**

Figure F-1	Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam	105
Table F-1	Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam	106





**Figure F-1. Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam.**

**Table F-1. Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam.**

<b>Article 6B - Monitoring thresholds for accumulated reverse flows at Prek Kdam (km<sup>3</sup>)</b>			
<b>Date</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-May	-	-	-
02-May	-	-	-
03-May	-	-	-
04-May	-	-	-
05-May	-	-	-
06-May	-	-	-
07-May	-	-	-
08-May	-	-	-
09-May	-	-	-
10-May	-	-	-
11-May	-	-	-
12-May	-	-	-
13-May	-	-	-
14-May	-	-	-
15-May	0.017	0.017	0.017
16-May	0.105	0.105	0.105
17-May	0.232	0.118	0.004
18-May	0.357	0.196	0.035
19-May	0.472	0.283	0.094
20-May	0.565	0.365	0.166
21-May	0.657	0.449	0.240
22-May	0.750	0.540	0.330
23-May	0.842	0.634	0.427
24-May	0.929	0.767	0.604
25-May	1.022	0.954	0.885
26-May	1.243	1.186	1.129
27-May	1.625	0.956	0.008
28-May	1.981	1.121	0.042
29-May	2.311	0.972	0.006
30-May	2.615	1.107	0.038
31-May	2.897	1.240	0.067
01-Jun	3.160	1.118	0.045
02-Jun	3.420	1.055	0.009
03-Jun	3.680	1.022	0.010
04-Jun	3.974	1.160	0.024
05-Jun	4.293	1.327	0.061
06-Jun	4.591	1.512	0.101
07-Jun	4.846	1.700	0.148
08-Jun	5.060	1.885	0.203
09-Jun	5.229	2.061	0.250
10-Jun	5.365	2.223	0.265
11-Jun	5.471	2.377	0.265
12-Jun	5.607	2.530	0.265
13-Jun	5.903	2.674	0.265
14-Jun	6.142	2.811	0.265
15-Jun	6.339	2.954	0.265
16-Jun	6.521	3.110	0.265
17-Jun	6.696	3.293	0.265
18-Jun	6.889	3.501	0.265
19-Jun	7.098	3.729	0.265
20-Jun	7.311	3.961	0.265
21-Jun	7.656	4.192	0.265
22-Jun	8.191	3.874	0.013
23-Jun	8.717	4.091	0.055
24-Jun	9.242	4.334	0.144
25-Jun	9.761	4.597	0.262
26-Jun	10.291	4.879	0.265
27-Jun	10.871	5.172	0.272
28-Jun	11.471	5.460	0.288
29-Jun	12.092	5.741	0.324
30-Jun	12.686	6.020	0.413

**Table F-1. Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam (continued).**

<b>Article 6B - Monitoring thresholds for accumulated reverse flows at Prek Kdam (km<sup>3</sup>)</b>			
<b>Date</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Jul	13.267	6.305	0.550
02-Jul	13.844	6.598	0.738
03-Jul	14.404	6.889	0.966
04-Jul	14.928	6.378	0.025
05-Jul	15.402	6.636	0.079
06-Jul	15.856	6.908	0.171
07-Jul	16.318	7.206	0.316
08-Jul	16.830	7.529	0.544
09-Jul	17.343	7.878	0.903
10-Jul	17.869	8.242	1.340
11-Jul	18.392	8.607	1.810
12-Jul	18.928	8.979	2.286
13-Jul	19.535	9.349	2.749
14-Jul	20.187	9.711	3.216
15-Jul	20.867	10.072	3.686
16-Jul	21.569	10.444	4.119
17-Jul	22.293	10.827	4.209
18-Jul	23.042	11.212	4.310
19-Jul	23.813	11.586	4.403
20-Jul	24.598	11.946	4.463
21-Jul	25.400	12.302	4.514
22-Jul	26.208	12.656	4.551
23-Jul	27.025	13.016	4.583
24-Jul	27.841	13.386	4.609
25-Jul	28.654	13.778	4.677
26-Jul	29.455	14.201	4.854
27-Jul	30.244	14.675	5.170
28-Jul	31.013	15.210	5.599
29-Jul	31.758	15.783	6.085
30-Jul	32.476	16.374	6.587
31-Jul	33.178	16.970	7.097
01-Aug	33.831	17.560	7.594
02-Aug	34.423	18.140	8.056
03-Aug	34.977	18.700	8.468
04-Aug	35.440	19.243	8.870
05-Aug	35.897	19.797	9.314
06-Aug	36.306	20.354	9.504
07-Aug	36.665	20.911	9.666
08-Aug	36.991	21.466	9.863
09-Aug	37.260	22.013	10.052
10-Aug	37.469	22.555	10.214
11-Aug	37.646	23.099	10.353
12-Aug	37.767	23.644	10.494
13-Aug	37.767	24.189	10.668
14-Aug	37.767	24.752	10.897
15-Aug	37.767	25.323	11.155
16-Aug	37.767	25.894	11.425
17-Aug	37.767	26.454	11.707
18-Aug	38.004	27.006	12.012
19-Aug	38.763	27.551	12.332
20-Aug	39.524	28.099	12.649
21-Aug	40.318	28.655	12.968
22-Aug	41.110	29.213	13.299
23-Aug	41.912	29.770	13.639
24-Aug	42.711	30.326	13.999
25-Aug	43.518	30.871	14.384
26-Aug	44.322	31.437	14.751
27-Aug	45.116	32.002	15.061
28-Aug	45.886	32.545	15.328
29-Aug	46.633	33.068	15.554
30-Aug	47.339	33.576	15.763
31-Aug	47.988	34.057	15.943

**Table F-1. Monitoring thresholds for Article 6B for accumulated reverse flows at Prek Kdam (continued).**

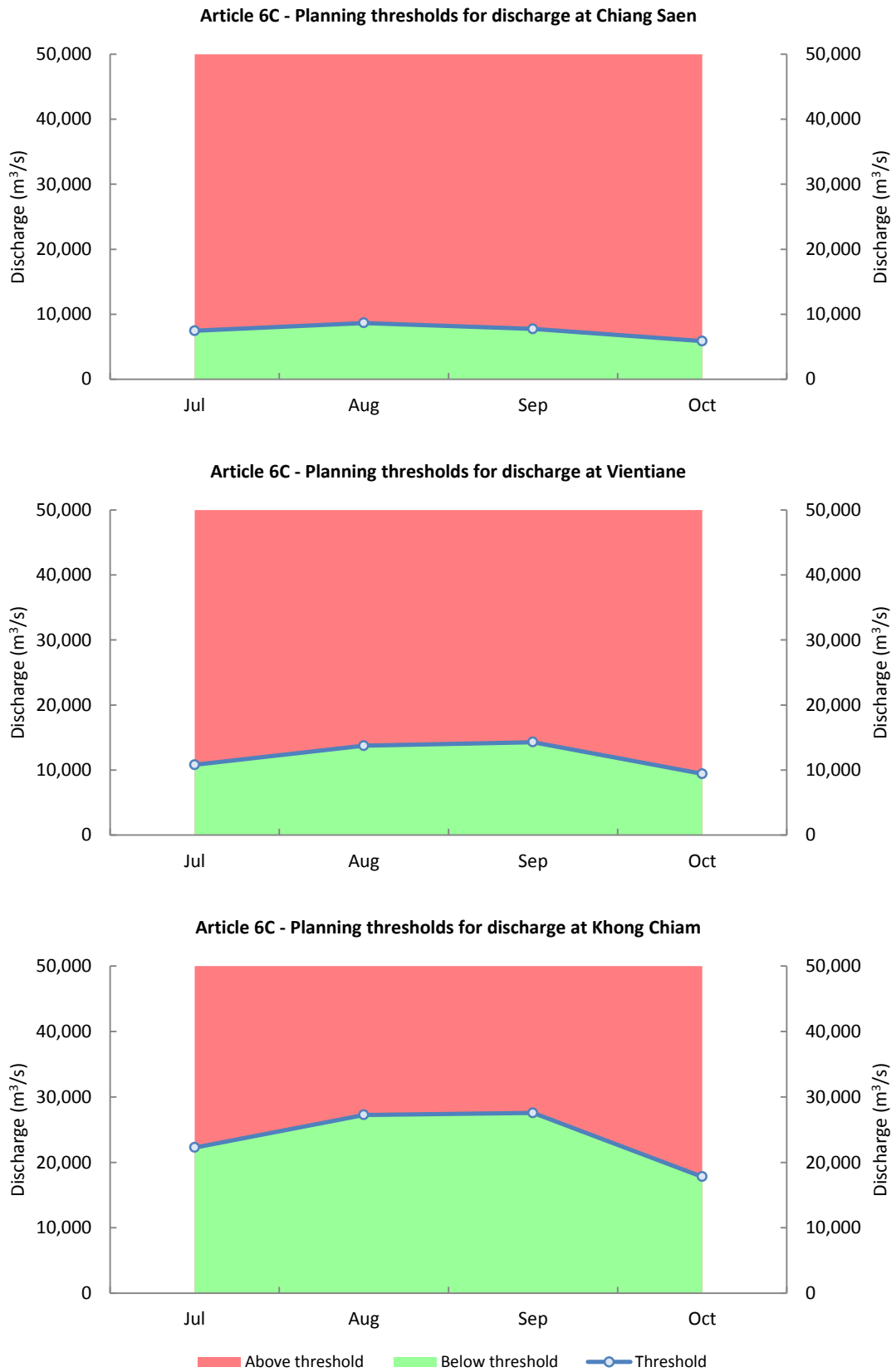
<b>Article 6B - Monitoring thresholds for accumulated reverse flows at Prek Kdam (km<sup>3</sup>)</b>			
<b>Date</b>	<b>Maximum</b>	<b>Average</b>	<b>Minimum</b>
01-Sep	48.584	34.516	16.094
02-Sep	49.121	34.952	16.215
03-Sep	49.596	35.372	16.322
04-Sep	49.976	35.773	16.439
05-Sep	50.284	36.163	16.557
06-Sep	50.520	36.530	16.683
07-Sep	50.711	36.876	16.760
08-Sep	50.904	37.208	16.865
09-Sep	51.132	37.531	16.994
10-Sep	51.437	37.877	17.110
11-Sep	51.733	38.202	17.252
12-Sep	52.018	38.521	17.464
13-Sep	52.280	38.873	17.816
14-Sep	52.558	39.234	18.233
15-Sep	52.863	39.608	18.653
16-Sep	53.157	39.979	19.068
17-Sep	53.395	40.347	19.477
18-Sep	53.582	40.684	19.878
19-Sep	53.667	40.974	20.276
20-Sep	53.667	41.245	20.674
21-Sep	53.786	41.489	21.083
22-Sep	53.873	41.714	21.507
23-Sep	54.046	41.955	21.944
24-Sep	54.046	42.163	22.389
25-Sep	54.046	42.365	22.824
26-Sep	54.046	42.556	23.229
27-Sep	54.046	42.714	23.576
28-Sep	54.046	42.840	23.848
29-Sep	54.046	42.926	24.026
30-Sep	54.046	42.974	24.154
01-Oct	54.046	43.014	24.307
02-Oct	54.046	43.027	24.425
03-Oct	54.046	43.081	24.460
04-Oct	54.046	43.128	24.460
05-Oct	54.046	43.128	24.460
06-Oct	54.046	43.128	24.460
07-Oct	54.046	43.128	24.460
08-Oct	54.046	43.128	24.460
09-Oct	54.046	43.128	24.460
10-Oct	54.046	43.128	24.460
11-Oct	54.046	43.128	24.460
12-Oct	54.046	43.128	24.460
13-Oct	54.046	43.128	24.460
14-Oct	54.046	43.128	24.460
15-Oct	54.046	43.128	24.460
16-Oct	54.046	43.128	24.460
17-Oct	54.046	43.128	24.460
18-Oct	54.046	43.128	24.460
19-Oct	54.046	43.128	24.460
20-Oct	54.046	43.128	24.460
21-Oct	54.046	43.128	24.460
22-Oct	54.046	43.128	24.460
23-Oct	54.046	43.128	24.460
24-Oct	54.046	43.128	24.460
25-Oct	54.046	43.128	24.460
26-Oct	54.046	43.128	24.460
27-Oct	54.046	43.128	24.460
28-Oct	54.046	43.128	24.460
29-Oct	54.046	43.128	24.460
30-Oct	54.046	43.128	24.460
31-Oct	54.046	43.128	24.460

## **ANNEX G**

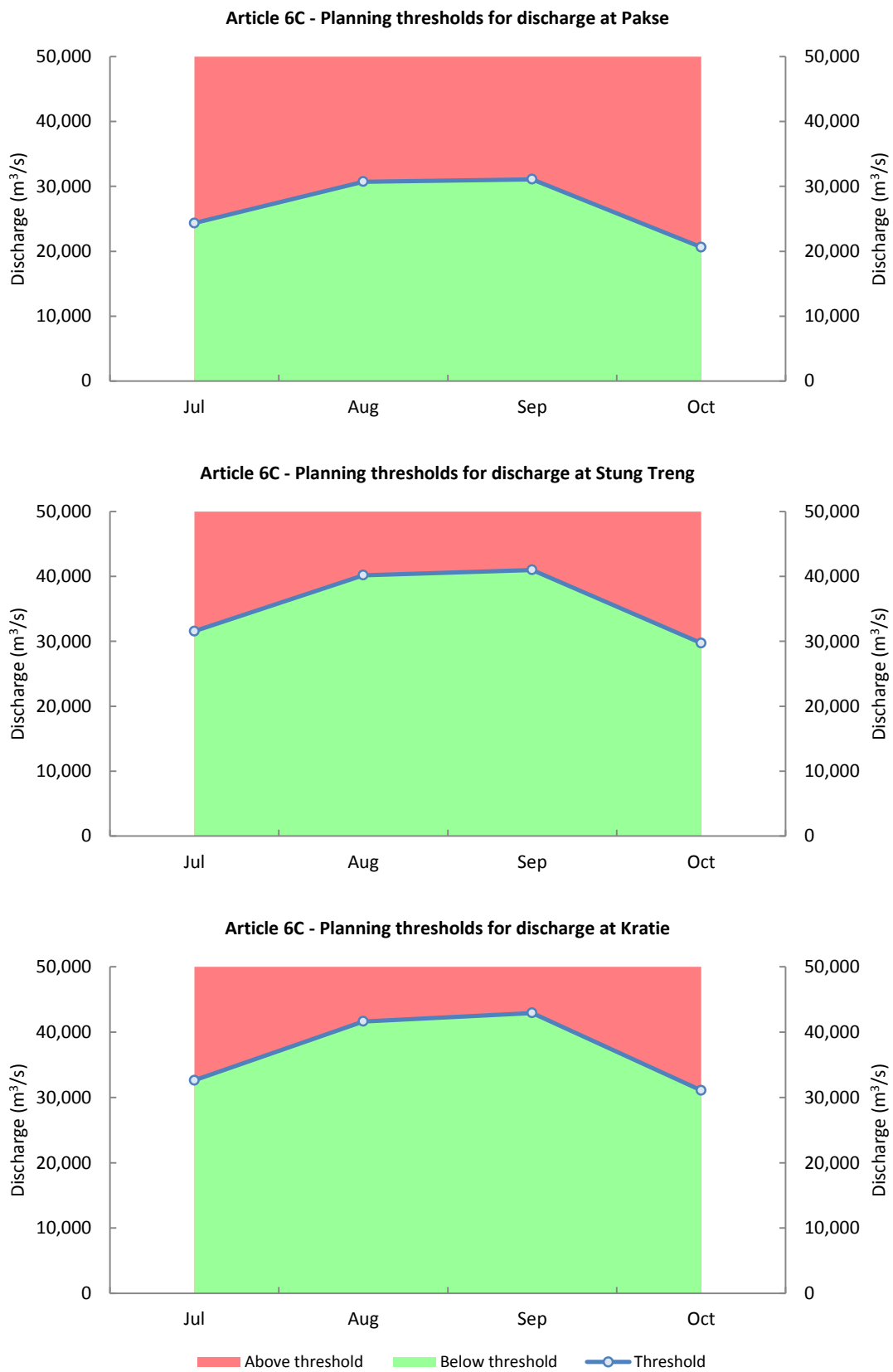
### **FLOW FRAMEWORK FOR ARTICLE 6C FOR PLANNING PURPOSES**

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**Figure G-1. Planning thresholds for Article 6C at Chiang Saen, Vientiane and Khong Chiam.**



**Figure G-2. Planning thresholds for Article 6C at Pakse, Stung Treng and Kratie.**

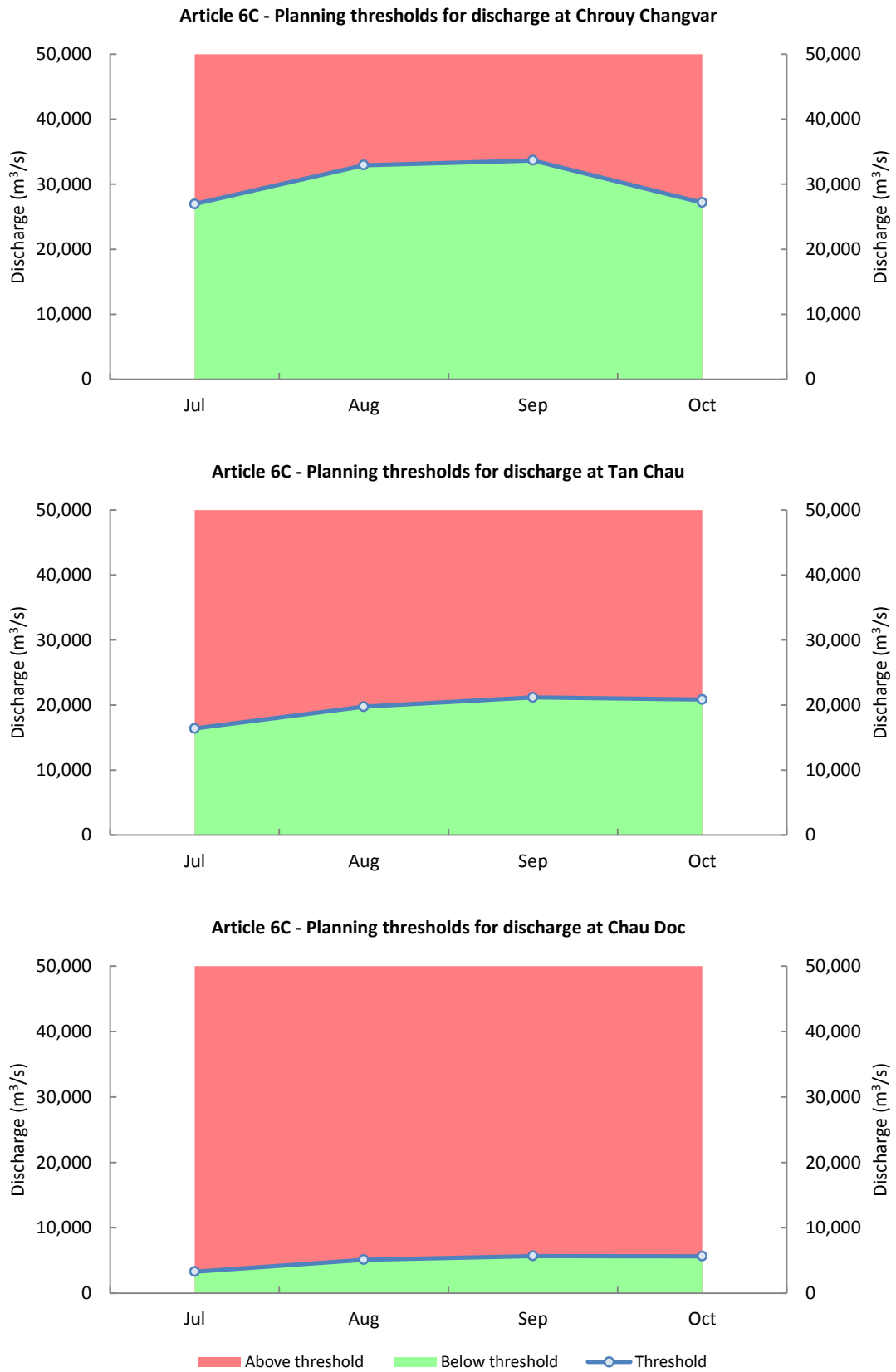


Figure G-3. Planning thresholds for Article 6C at Chrouy Changvar, Tan Chau and Chau Doc.

**Table G-1. Planning thresholds for Article 6C for mean of daily peak flows.**

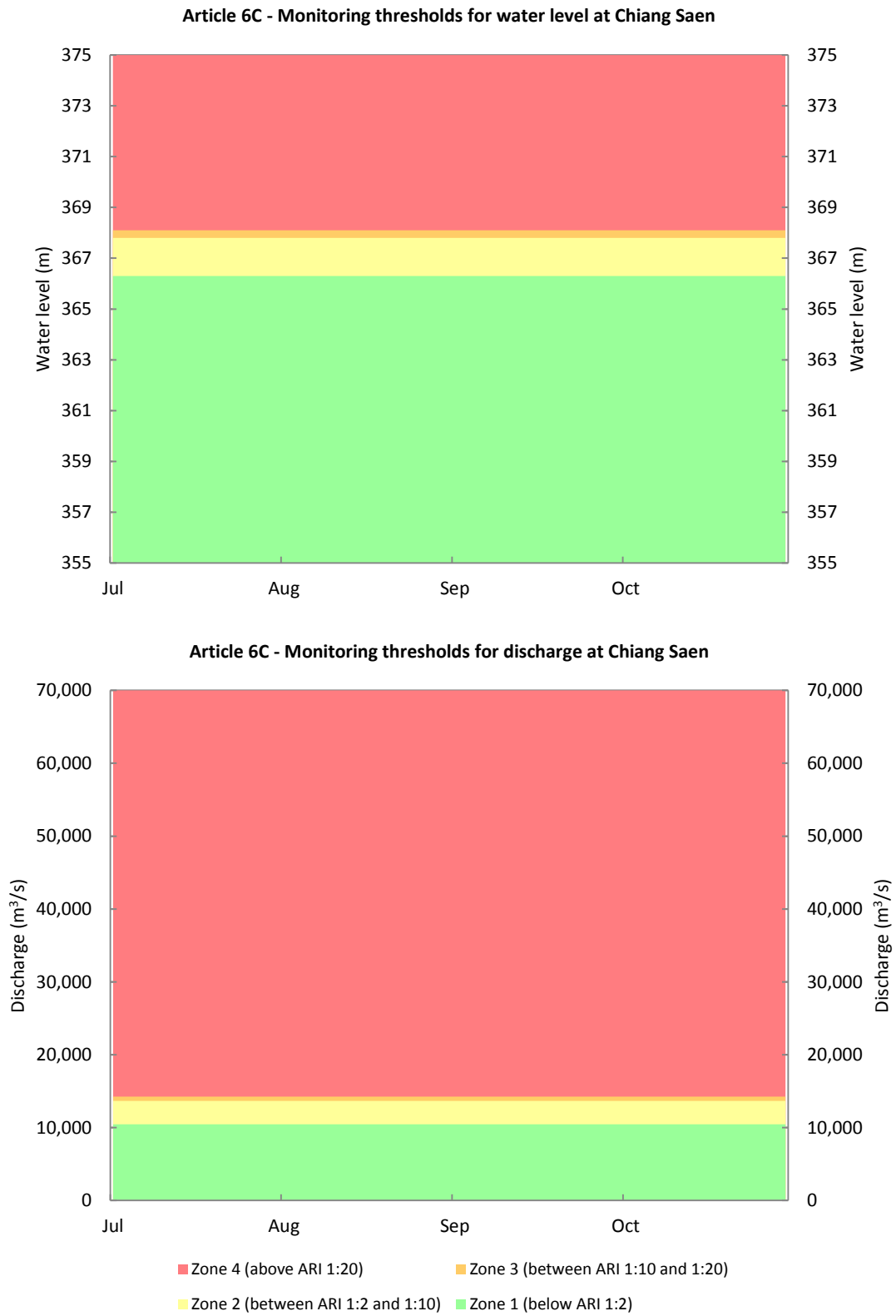
<b>Article 6C - Planning thresholds for mean of daily peak flows (m<sup>3</sup>/s)</b>				
<b>Station</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>
Chiang Saen	7,450	8,652	7,727	5,861
Vientiane	10,799	13,723	14,285	9,415
Khong Chiam	22,270	27,251	27,561	17,798
Pakse	24,334	30,720	31,087	20,618
Stung Treng	31,549	40,178	41,003	29,722
Kratie	32,607	41,627	42,936	31,081
Chrouy Changvar	26,940	32,933	33,663	27,171
Tan Chau	16,386	19,723	21,154	20,837
Chau Doc	3,304	5,119	5,683	5,659

## ANNEX H

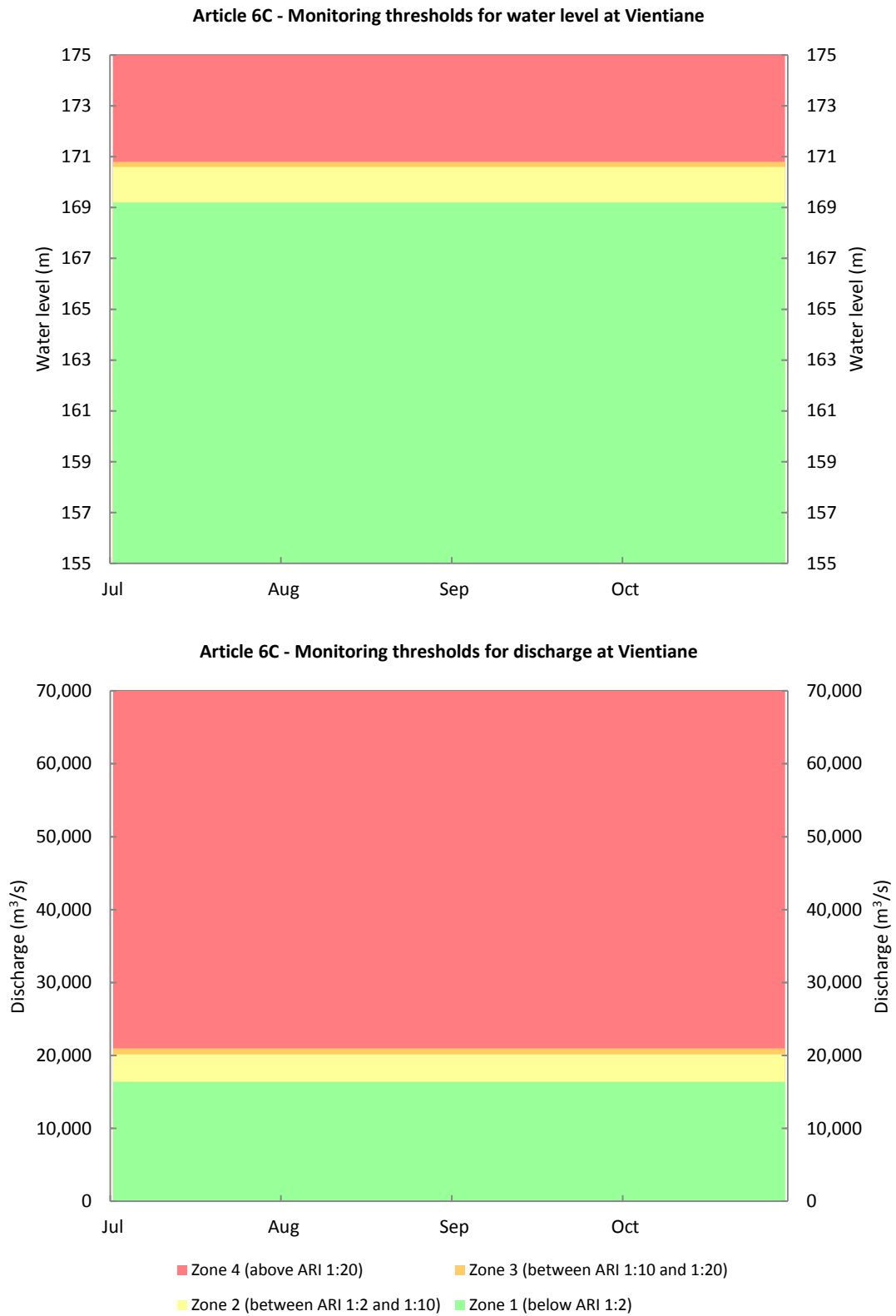
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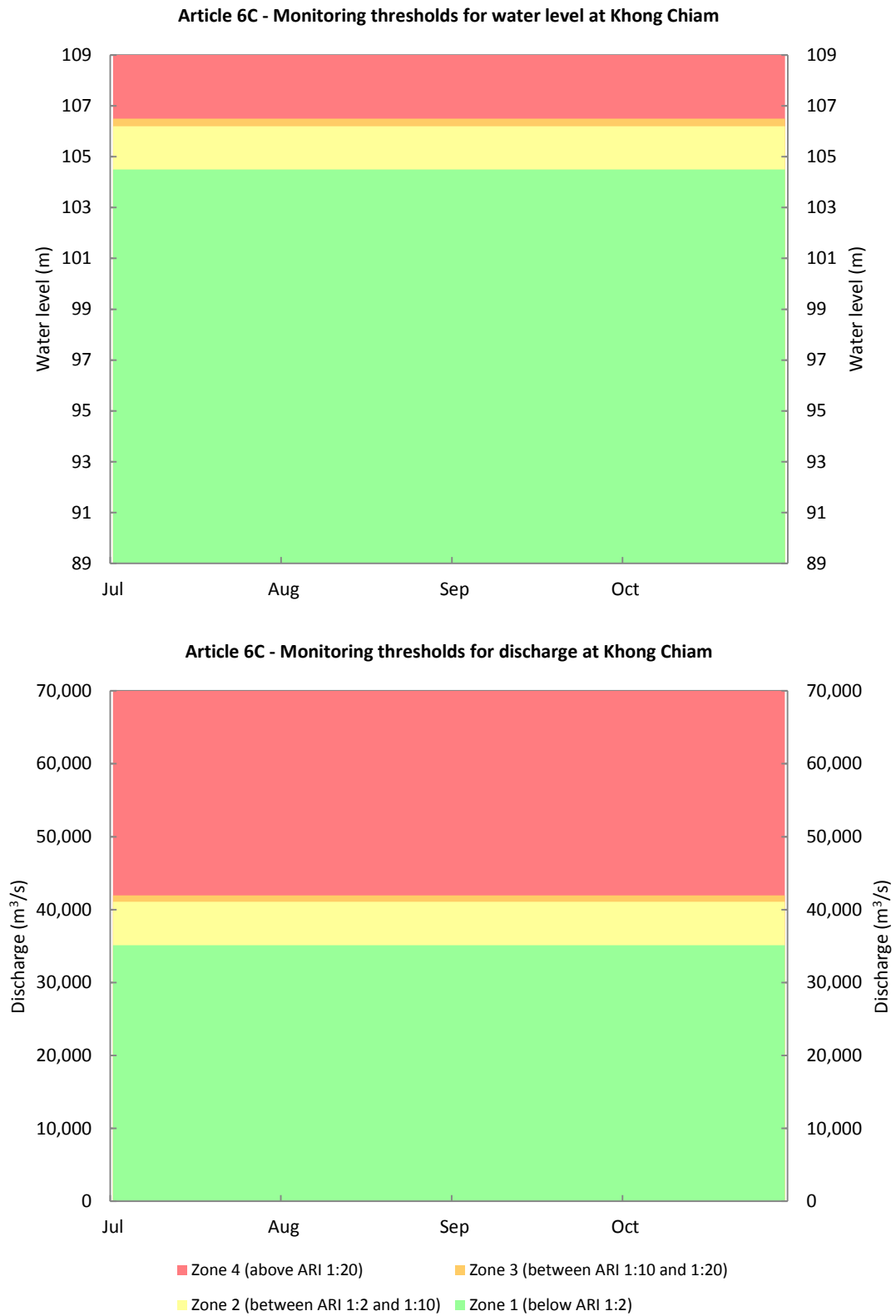




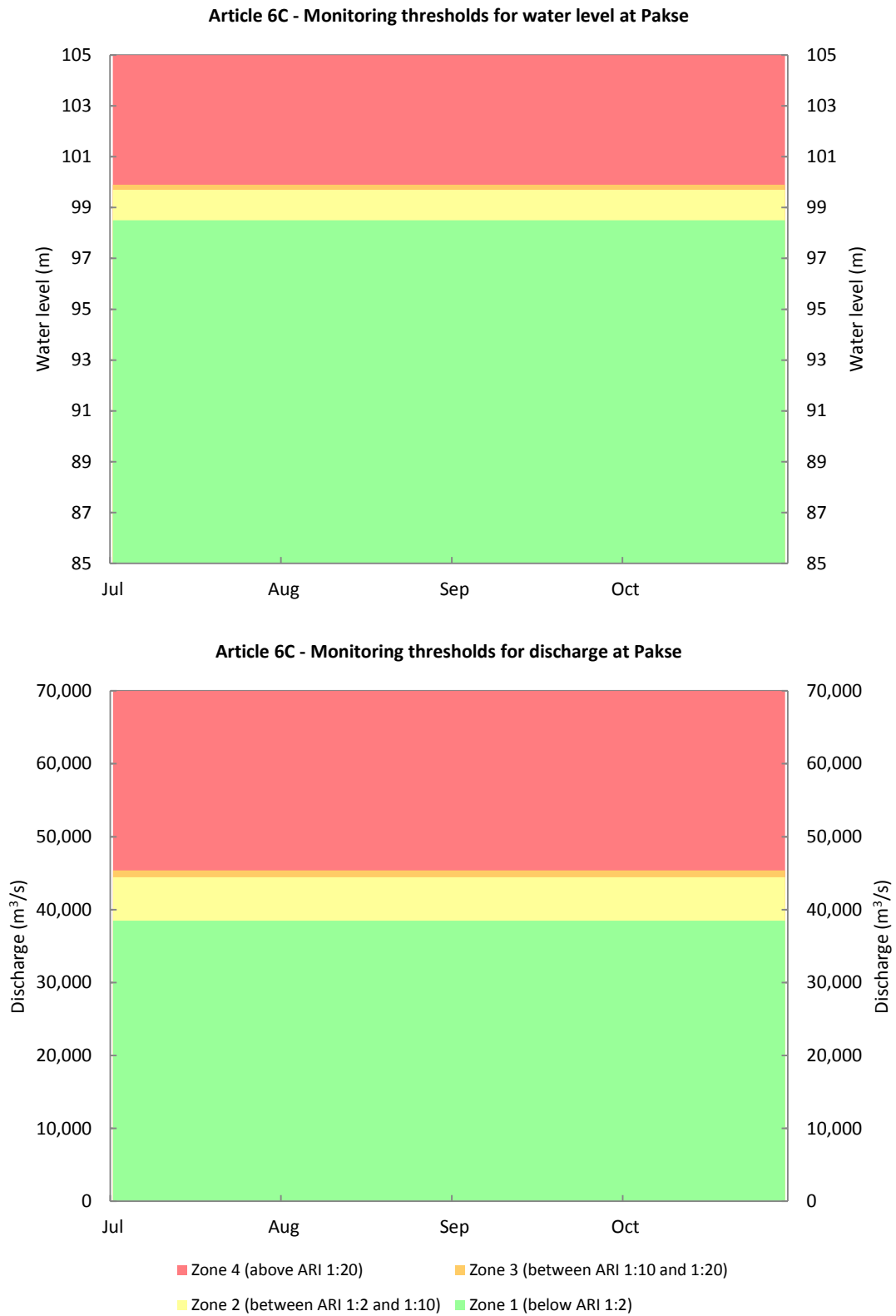
**Figure H-1. Monitoring thresholds for Article 6C at Chiang Saen.**



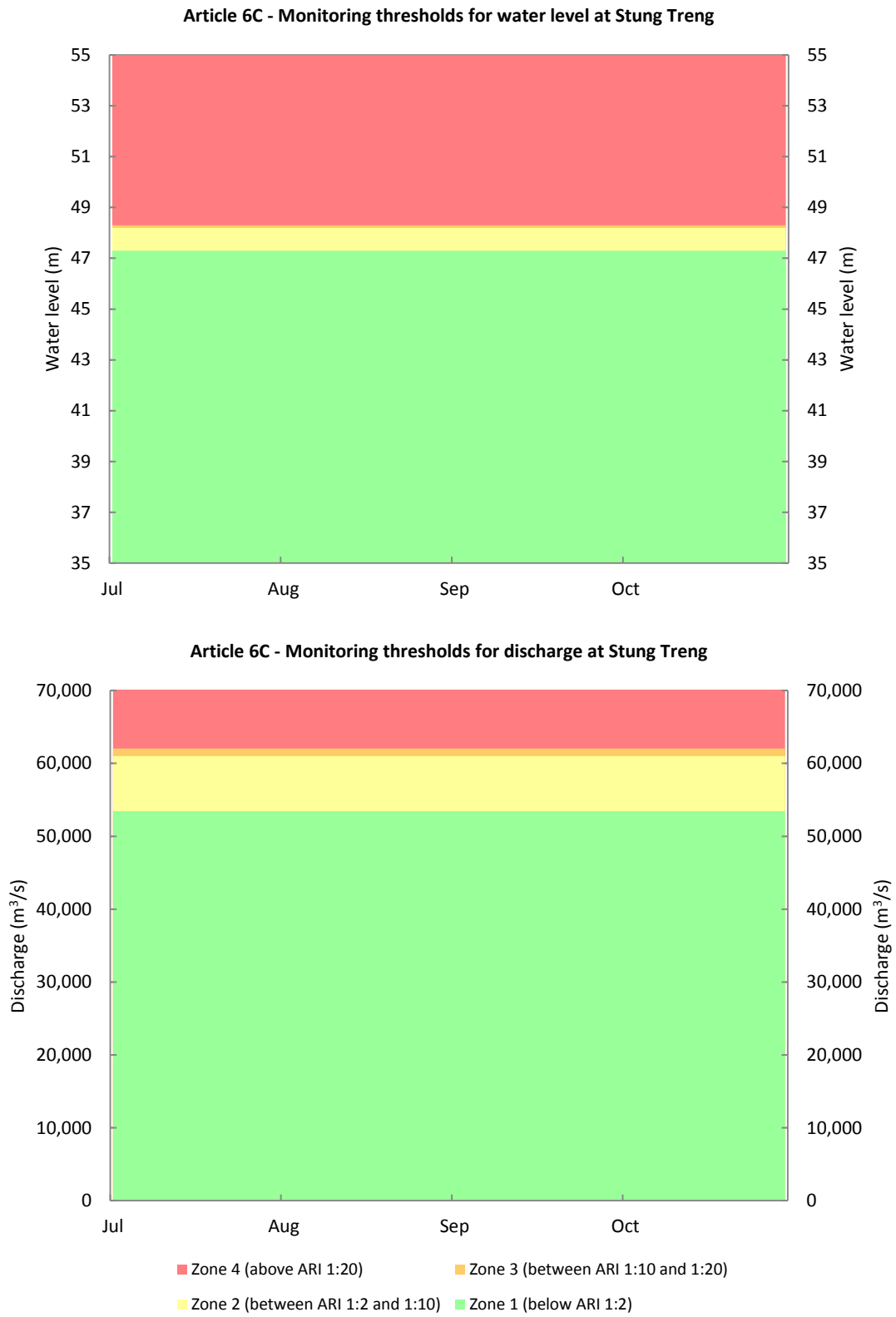
**Figure H-2. Monitoring thresholds for Article 6C at Vientiane.**



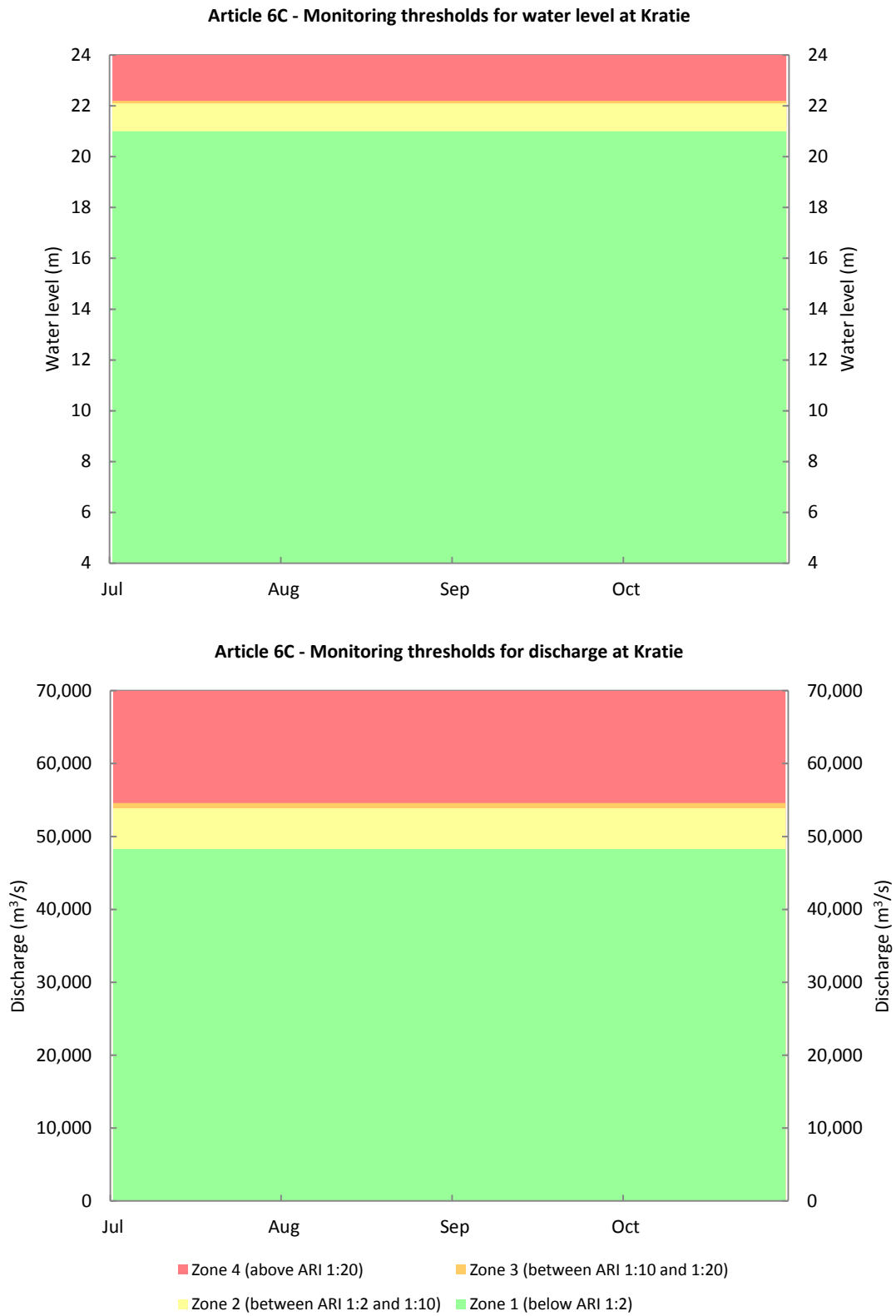
**Figure H-3. Monitoring thresholds for Article 6C at Khong Chiam.**



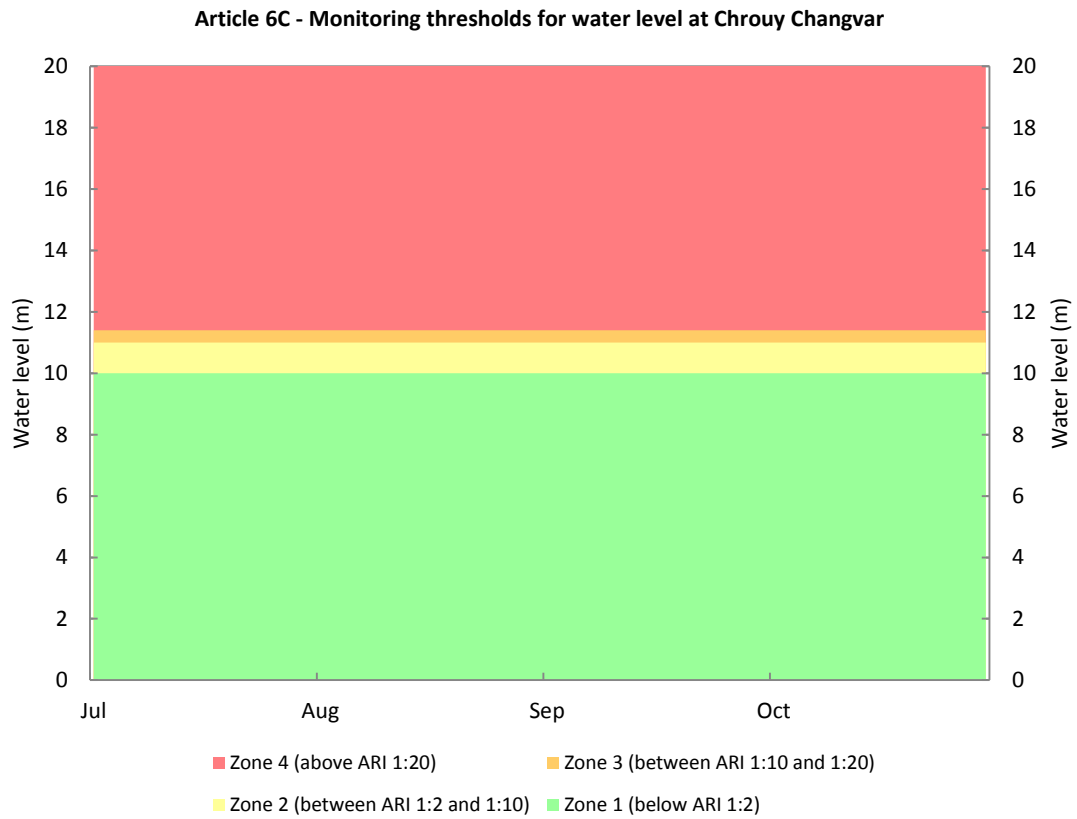
**Figure H-4. Monitoring thresholds for Article 6C at Pakse.**



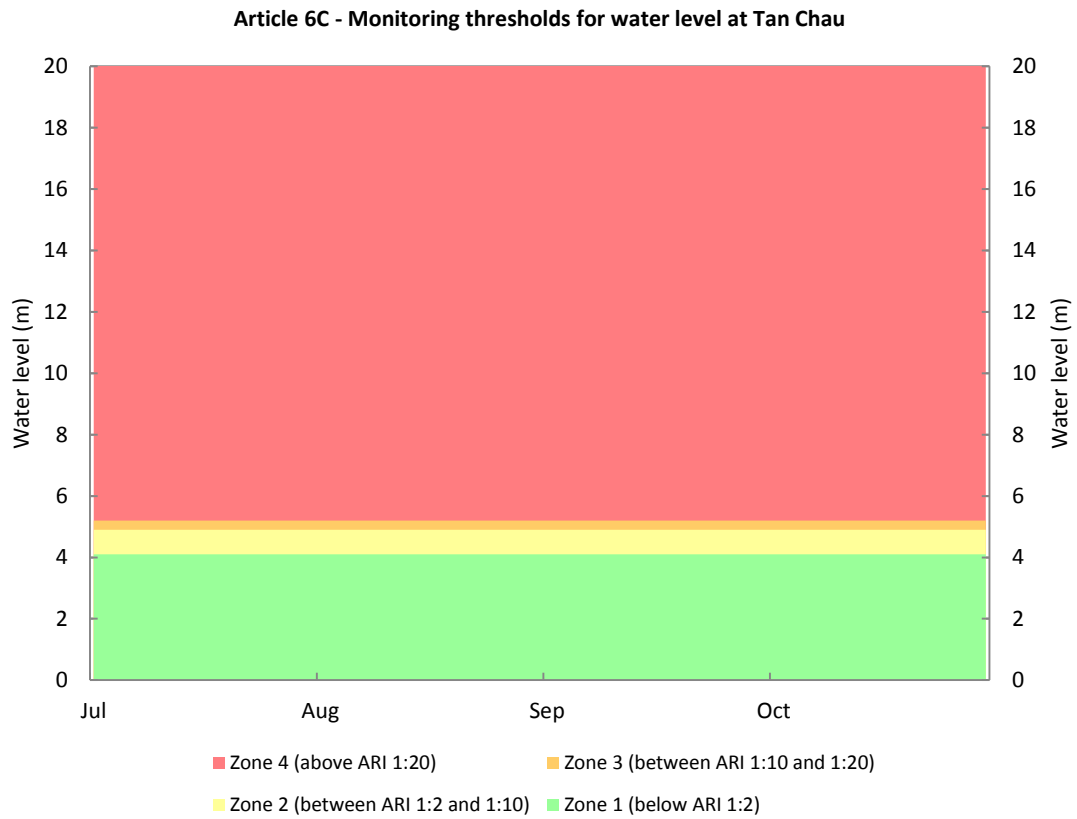
**Figure H-5. Monitoring thresholds for Article 6C at Stung Treng.**



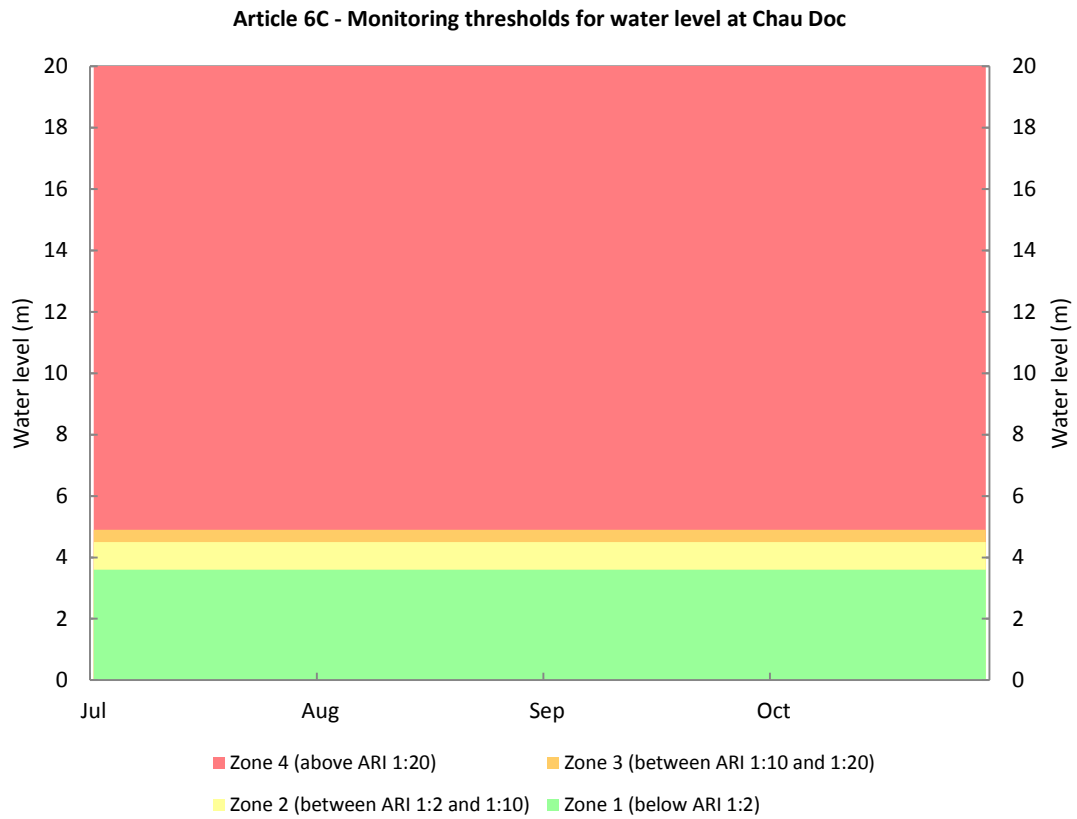
**Figure H-6. Monitoring thresholds for Article 6C at Kratie.**



**Figure H-7. Monitoring thresholds for Article 6C at Chrouy Changvar.**



**Figure H-8. Monitoring thresholds for Article 6C at Tan Chau.**



**Figure H-9. Monitoring thresholds for Article 6C at Chau Doc.**

**Table H-1. Monitoring thresholds for Article 6C for annual daily peak flows.**

<b>Article 6C - Monitoring thresholds for annual daily peak water level (m msl) and discharge (m<sup>3</sup>/s)</b>						
<b>Station</b>	<b>ARI 1:2</b>		<b>ARI 1:10</b>		<b>ARI 1:20</b>	
	<b>Water level</b>	<b>Discharge</b>	<b>Water level</b>	<b>Discharge</b>	<b>Water level</b>	<b>Discharge</b>
Chiang Saen	366.3	10,457	367.8	13,666	368.1	14,254
Vientiane	169.2	16,388	170.6	20,144	170.8	20,964
Khong Chiam	104.5	35,115	106.2	41,079	106.5	41,949
Pakse	98.5	38,479	99.7	44,442	99.9	45,373
Stung Treng	47.3	53,439	48.2	61,000	48.3	62,033
Kratie	21	48,282	22.1	53,872	22.2	54,591
Chrouy Changvar	10	-	11	-	11.4	-
Tan Chau	4.1	-	4.9	-	5.2	-
Chau Doc	3.6	-	4.5	-	4.9	-





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